Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111820\
Data File : PO073333.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Nov 2020 5:44
Operator : DD\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 06:31:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 18 05:08:01 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.949	4.015	3598334	2382622	57.185	66.372	
2)	SA Decachlor...	10.979	9.280	2957420	1744192	55.254	49.922	
	Target Compounds							
3)	L1 AR-1016-1	6.273	5.263	1319181	879443	503.693	571.844	
4)	L1 AR-1016-2	6.297	5.283	1836232	1198960	524.852	571.261	
5)	L1 AR-1016-3	6.364	5.473	1082750	634406	518.704	637.617	
6)	L1 AR-1016-4	6.471	5.525	920114	515095	535.173	568.959	
7)	L1 AR-1016-5	6.787	5.752	852310	629172	548.017	550.071	
8)	L2 AR-1221-1	5.195	4.269	122002	85871	165.821	198.568	
9)	L2 AR-1221-2	5.300	4.368	194358	121150	360.857	371.044	
10)	L2 AR-1221-3	5.387	4.456	744460	471359	444.731	477.400	
11)	L3 AR-1232-1	5.387	4.456	744460	471359	518.945	548.371	
12)	L3 AR-1232-2	5.977	5.283	856701	1198960	1179.054	1286.089	
13)	L3 AR-1232-3	6.297	5.473	1836232	634406	1186.654	1404.286	
14)	L3 AR-1232-4	6.471	5.569	920114	610379	1238.021	1385.487	
15)	L3 AR-1232-5	6.569	5.752	751471	629172	1435.574	1266.540	
16)	L4 AR-1242-1	6.273	5.263	1319181	879443	619.748	711.253	
17)	L4 AR-1242-2	6.297	5.283	1836232	1198960	649.166	718.831	
18)	L4 AR-1242-3	6.364	5.473	1082750	634406	644.085	768.698	
19)	L4 AR-1242-4	6.471	5.569	920114	610379	644.973	690.038	
20)	L4 AR-1242-5	7.257	6.129	145686	491467	90.989	421.263	#
21)	L5 AR-1248-1	6.273	5.263	1319181	879443	879.735	933.949	
22)	L5 AR-1248-2	6.569	5.525	751471	515095	378.772	406.746	
23)	L5 AR-1248-3	6.787	5.569	852310	610379	380.302	464.099	
24)	L5 AR-1248-4	7.217	5.752	181264	629172	60.975	397.444	#
25)	L5 AR-1248-5	7.257	6.171	145686	90221	52.163	54.406	
26)	L6 AR-1254-1	7.186	6.129	652456	491467	221.556	199.853	
27)	L6 AR-1254-2	7.416	6.287	673857	428190	141.461	195.841	#
28)	L6 AR-1254-3	7.799	6.723	370567	827243	77.502	226.591	#
29)	L6 AR-1254-4	8.095	6.942	291137	124301	68.204	51.979	
30)	L6 AR-1254-5	8.525	7.368	2243826	1402257	562.096	423.069	
31)	L7 AR-1260-1	7.967	6.841	1475152	1070518	493.265	472.316	
32)	L7 AR-1260-2	8.233	7.037	2031576	1288585	474.166	478.620	
33)	L7 AR-1260-3	8.599	7.190	1663717	1168197	513.953	474.367	
34)	L7 AR-1260-4	8.831	7.670	1700941	987775	545.204	484.669	
35)	L7 AR-1260-5	9.158	7.916	3785625	2300518	526.801	486.031	
36)	L8 AR-1262-1	8.599	7.368	1663717	1402257	336.497	874.047	#
37)	L8 AR-1262-2	9.158	7.916	3785625	2300518	460.820	438.163	
38)	L8 AR-1262-3	9.471	8.201	846332	547487	164.019	261.675	#
39)	L8 AR-1262-4	9.544	8.263	1482485	1661867	374.722	438.272	
40)	L8 AR-1262-5	10.232	8.758	1073769	607907	392.235	353.335	
41)	L9 AR-1268-1	9.471	8.201	846332	547487	87.229	90.343	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111820\
Data File : PO073333.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Nov 2020 5:44
Operator : DD\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 06:31:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 18 05:08:01 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
42) L9	AR-1268-2	9.544f	8.263	1482485	1661867	174.749	305.694	#
43) L9	AR-1268-3	9.790	8.473	58473	38519	7.832	8.137	
44) L9	AR-1268-4	10.232	8.758	1073769	607907	352.595	311.684	
45) L9	AR-1268-5	10.645	9.036	307941	170071	14.585	12.403	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

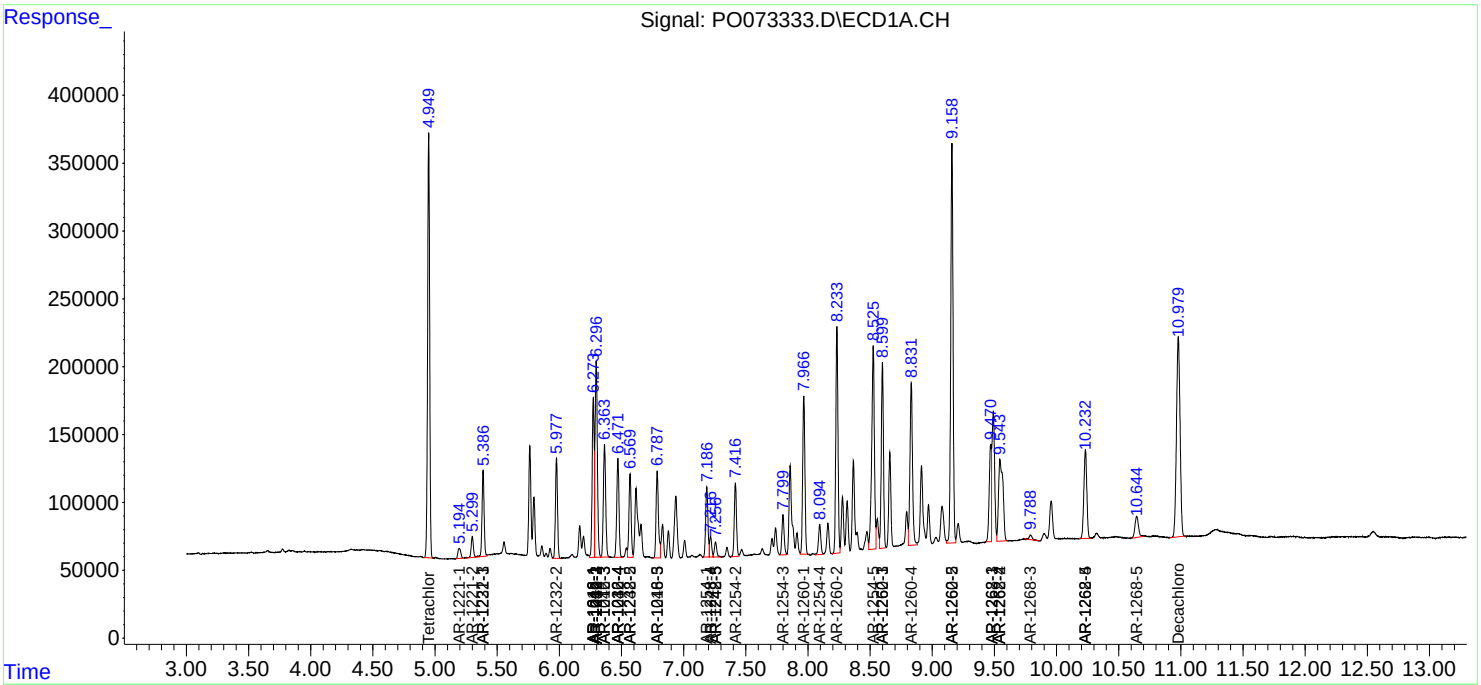
Quantitation Report (Not Reviewed)

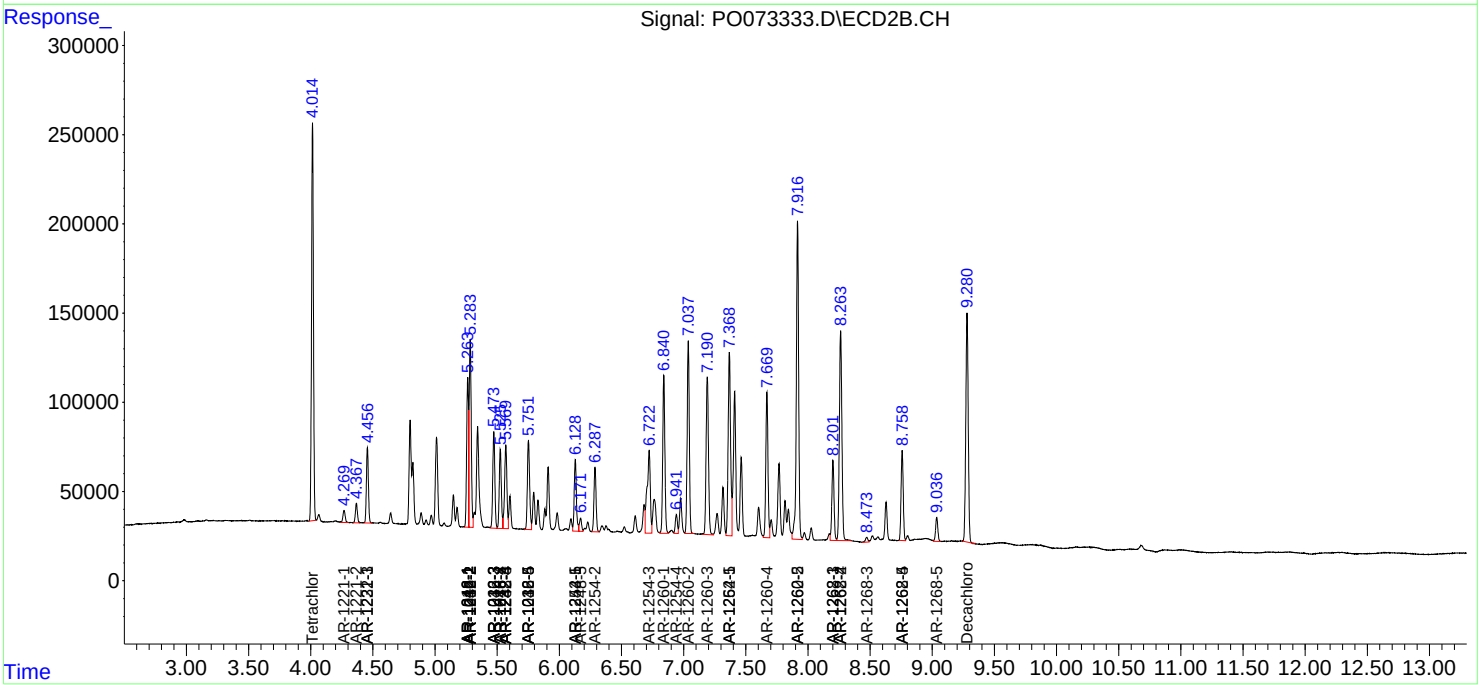
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111820\
Data File : PO073333.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Nov 2020 5:44
Operator : DD\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

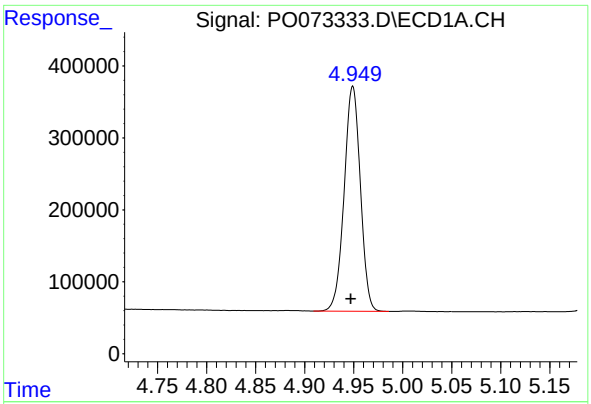
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 06:31:49 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 18 05:08:01 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



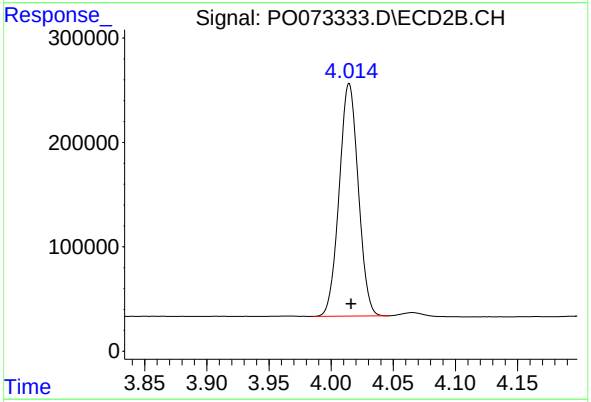


Instrument :
ECD_O
ClientSampleId :



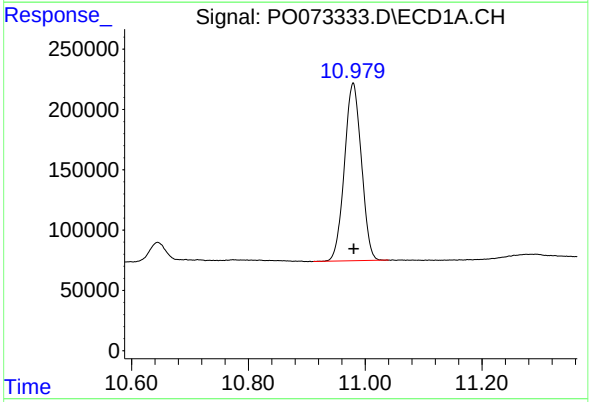
#1 Tetrachloro-m-xylene

R.T.: 4.949 min
Delta R.T.: 0.002 min
Response: 3598334
Conc: 57.18 ng/ml



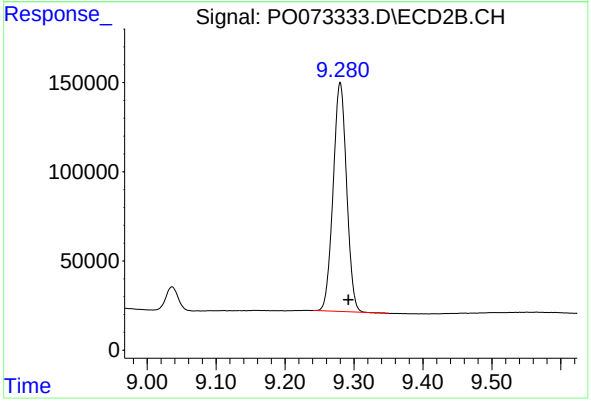
#1 Tetrachloro-m-xylene

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 2382622
Conc: 66.37 ng/ml



#2 Decachlorobiphenyl

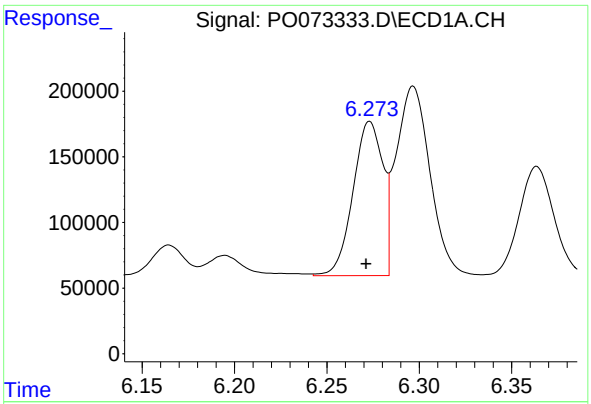
R.T.: 10.979 min
Delta R.T.: -0.001 min
Response: 2957420
Conc: 55.25 ng/ml



#2 Decachlorobiphenyl

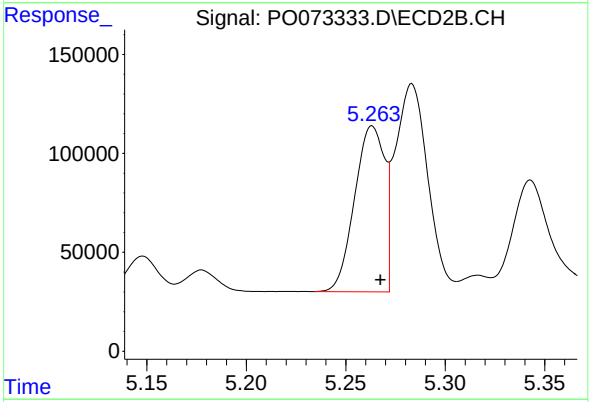
R.T.: 9.280 min
Delta R.T.: -0.012 min
Response: 1744192
Conc: 49.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



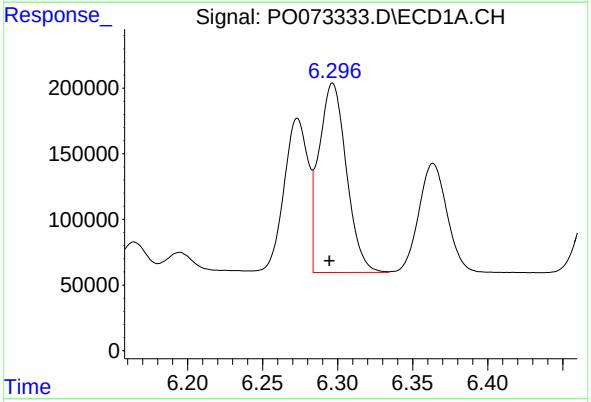
#3 AR-1016-1

```
      R.T.:    6.273 min
Delta R.T.:    0.002 min
  Response:   1319181
      Conc: 503.69 ng/ml
```



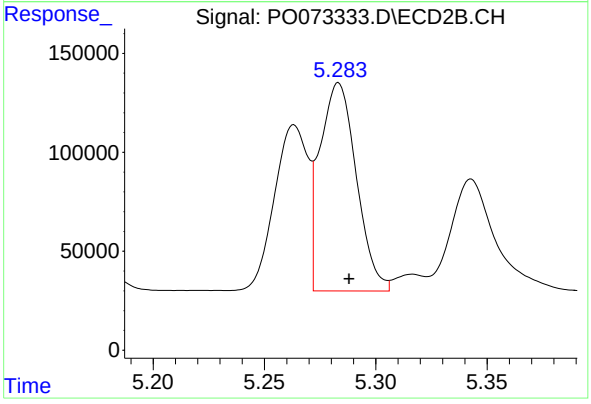
#3 AR-1016-1

```
      R.T.:    5.263 min
Delta R.T.:   -0.004 min
  Response:    879443
      Conc: 571.84 ng/ml
```



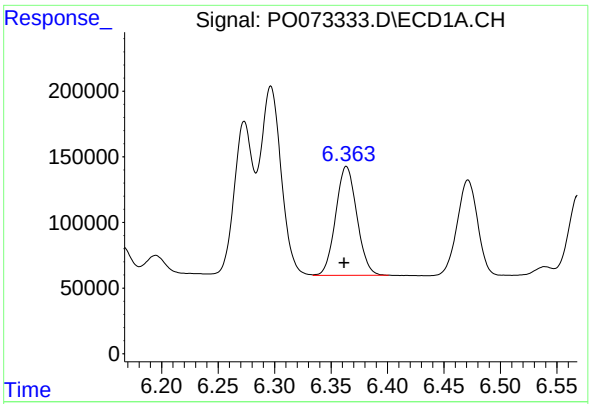
#4 AR-1016-2

```
      R.T.:    6.297 min
Delta R.T.:    0.002 min
  Response:   1836232
      Conc: 524.85 ng/ml
```



#4 AR-1016-2

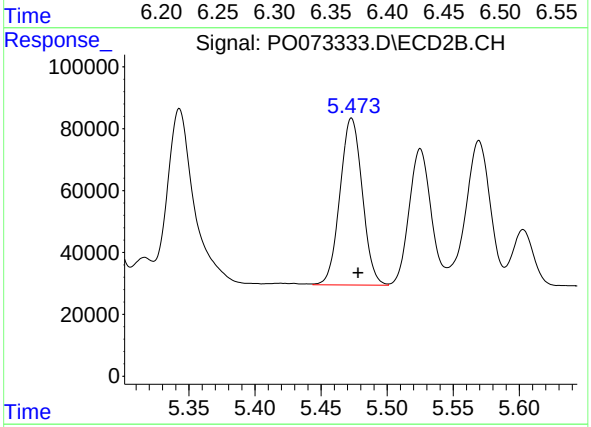
```
      R.T.:    5.283 min
Delta R.T.:   -0.005 min
  Response:   1198960
      Conc: 571.26 ng/ml
```



#5 AR-1016-3

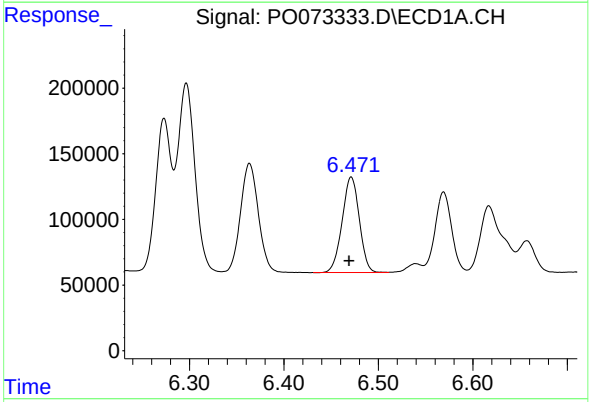
R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 1082750
Conc: 518.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



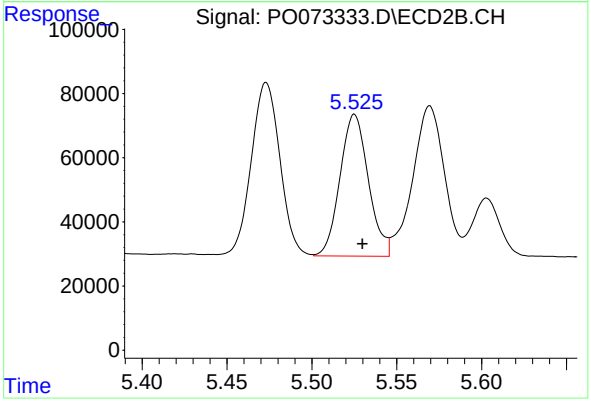
#5 AR-1016-3

R.T.: 5.473 min
Delta R.T.: -0.005 min
Response: 634406
Conc: 637.62 ng/ml



#6 AR-1016-4

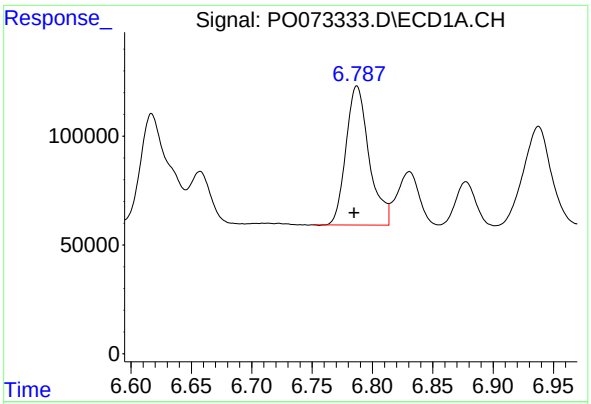
R.T.: 6.471 min
Delta R.T.: 0.002 min
Response: 920114
Conc: 535.17 ng/ml



#6 AR-1016-4

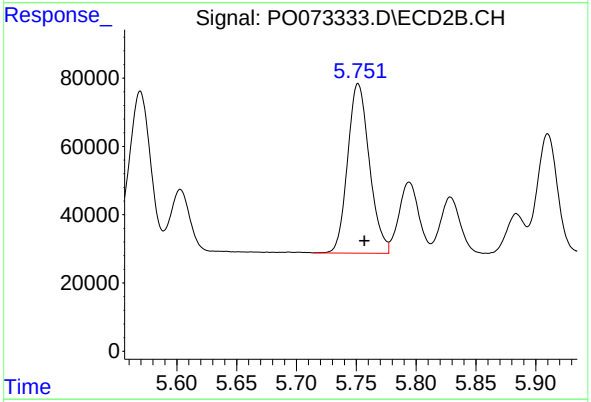
R.T.: 5.525 min
Delta R.T.: -0.005 min
Response: 515095
Conc: 568.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



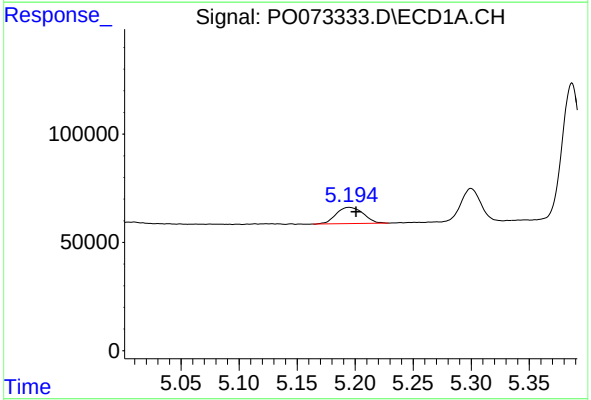
#7 AR-1016-5

R.T.: 6.787 min
Delta R.T.: 0.003 min
Response: 852310
Conc: 548.02 ng/ml



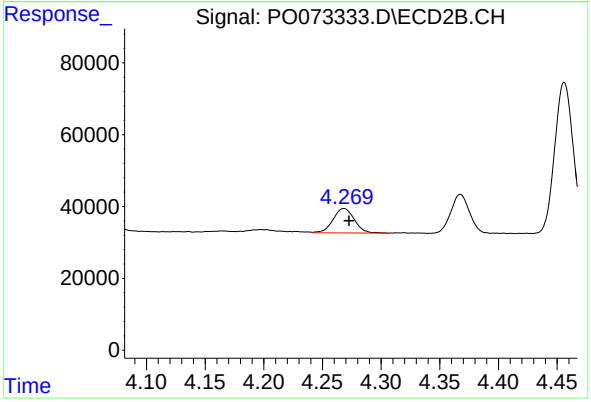
#7 AR-1016-5

R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 629172
Conc: 550.07 ng/ml



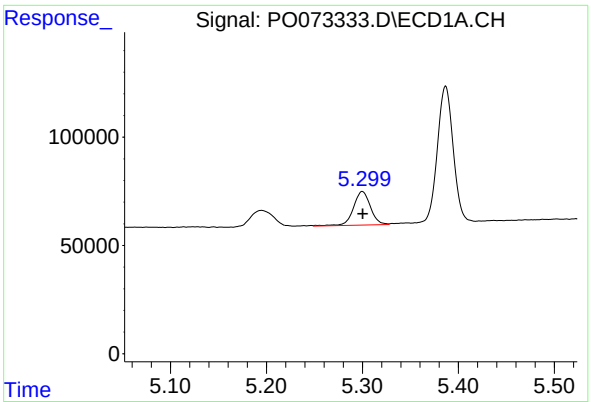
#8 AR-1221-1

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 122002
Conc: 165.82 ng/ml



#8 AR-1221-1

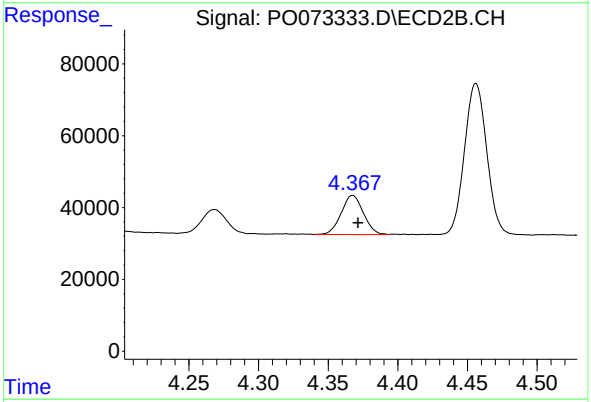
R.T.: 4.269 min
Delta R.T.: -0.004 min
Response: 85871
Conc: 198.57 ng/ml



#9 AR-1221-2

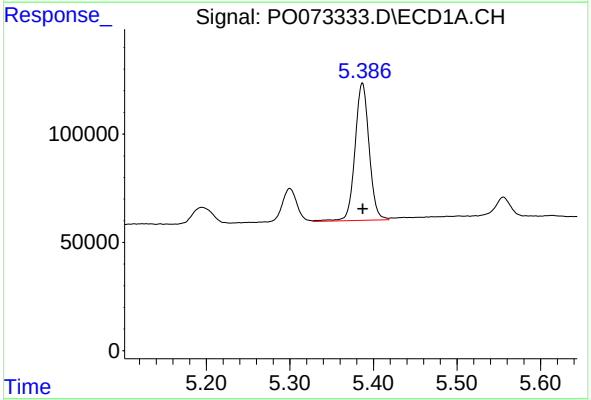
R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 194358
Conc: 360.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



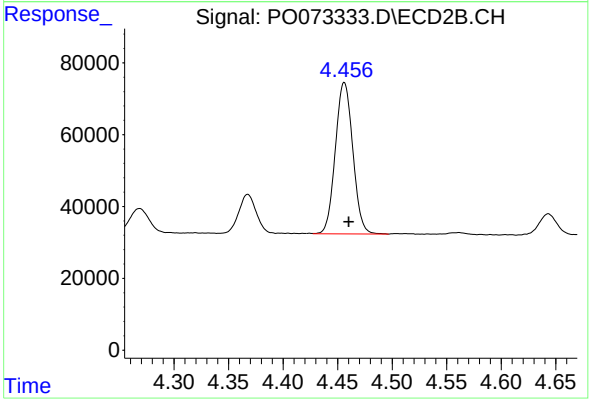
#9 AR-1221-2

R.T.: 4.368 min
Delta R.T.: -0.004 min
Response: 121150
Conc: 371.04 ng/ml



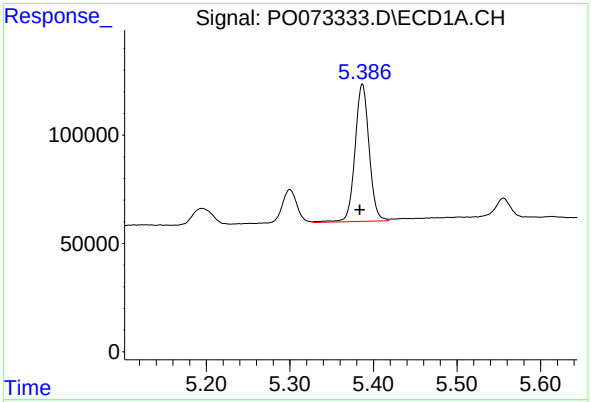
#10 AR-1221-3

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 744460
Conc: 444.73 ng/ml



#10 AR-1221-3

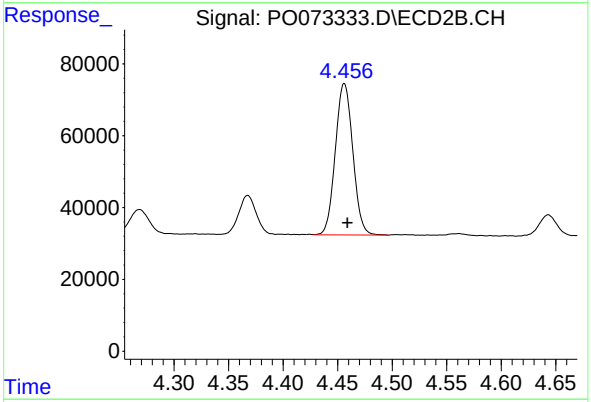
R.T.: 4.456 min
Delta R.T.: -0.004 min
Response: 471359
Conc: 477.40 ng/ml



#11 AR-1232-1

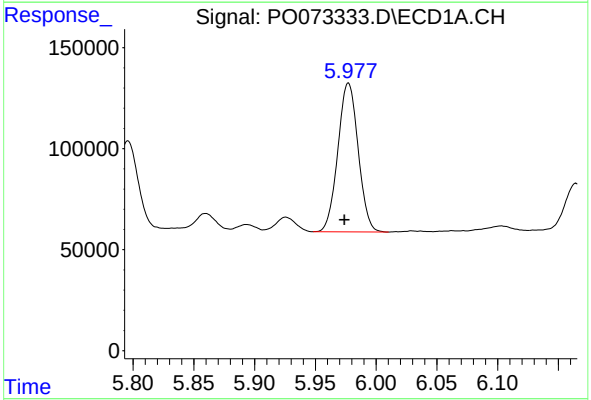
R.T.: 5.387 min
Delta R.T.: 0.003 min
Response: 744460
Conc: 518.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



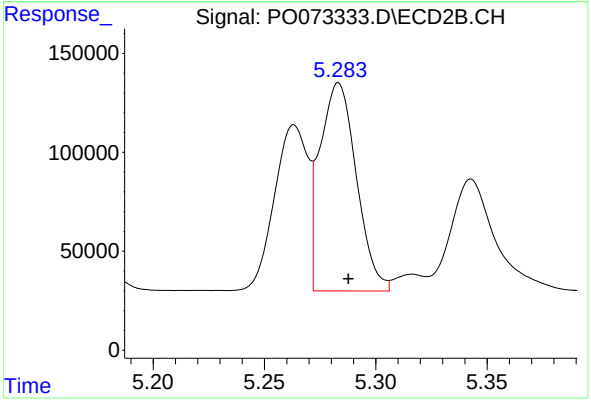
#11 AR-1232-1

R.T.: 4.456 min
Delta R.T.: -0.003 min
Response: 471359
Conc: 548.37 ng/ml



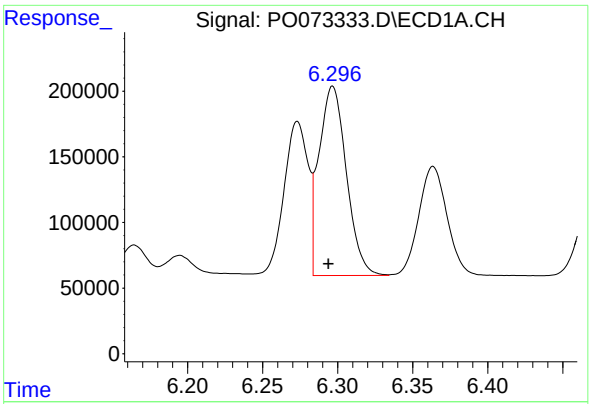
#12 AR-1232-2

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 856701
Conc: 1179.05 ng/ml



#12 AR-1232-2

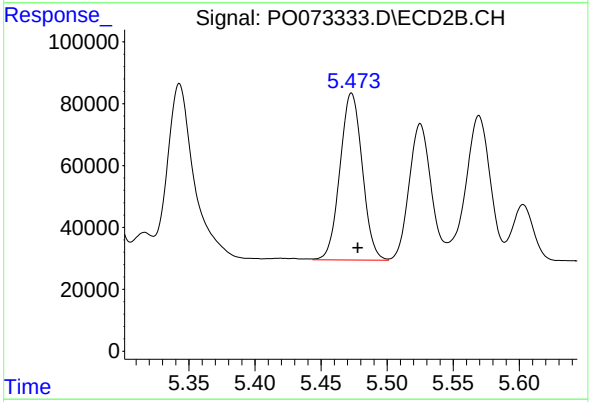
R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 1198960
Conc: 1286.09 ng/ml



#13 AR-1232-3

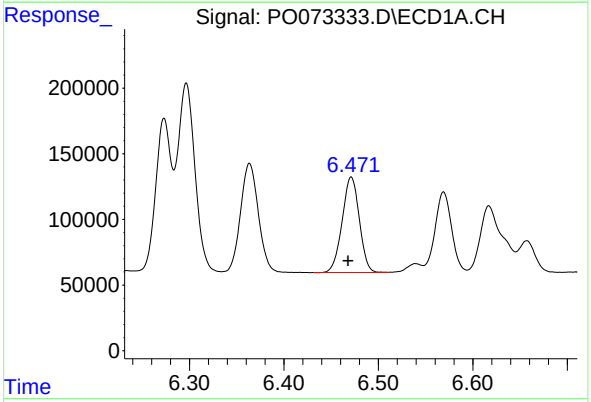
R.T.: 6.297 min
Delta R.T.: 0.003 min
Response: 1836232
Conc: 1186.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



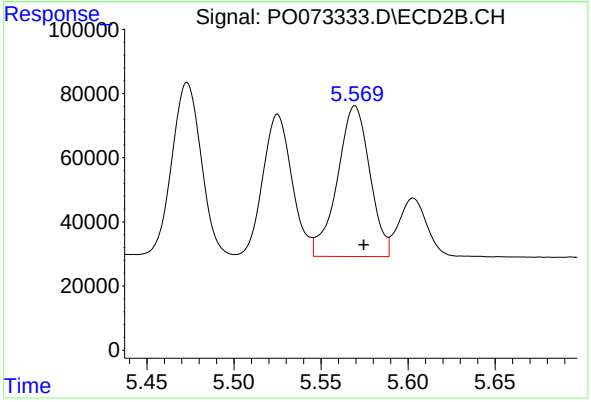
#13 AR-1232-3

R.T.: 5.473 min
Delta R.T.: -0.005 min
Response: 634406
Conc: 1404.29 ng/ml



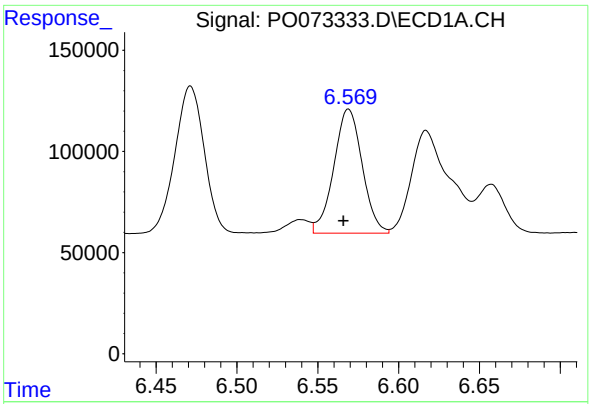
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 920114
Conc: 1238.02 ng/ml



#14 AR-1232-4

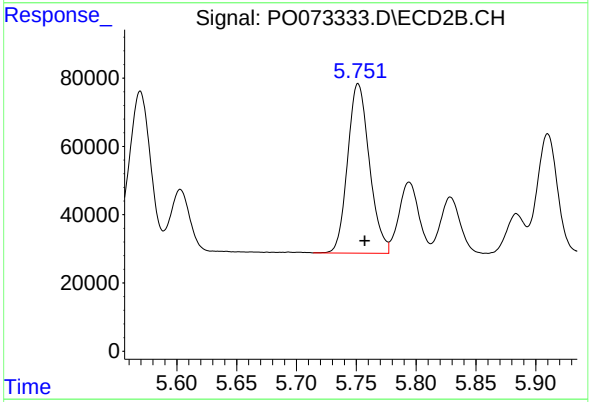
R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 610379
Conc: 1385.49 ng/ml



#15 AR-1232-5

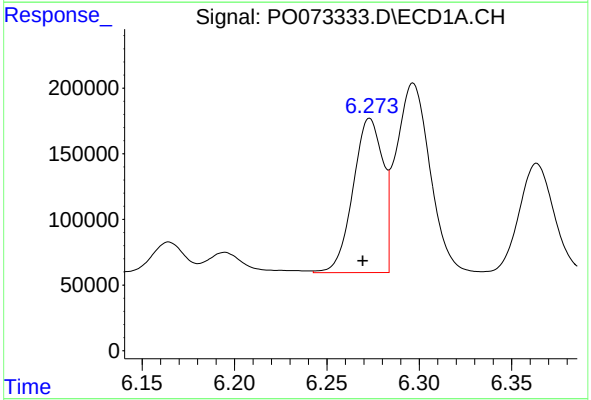
R.T.: 6.569 min
Delta R.T.: 0.003 min
Response: 751471
Conc: 1435.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



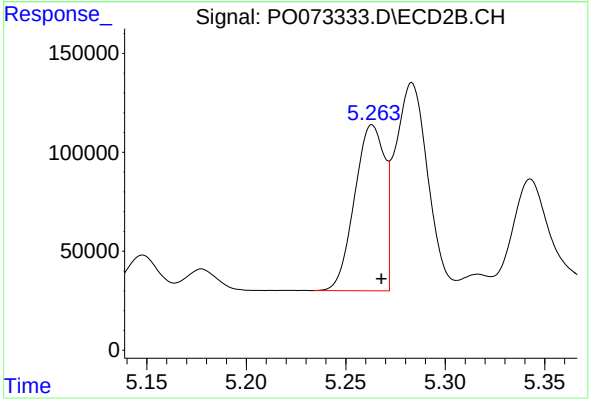
#15 AR-1232-5

R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 629172
Conc: 1266.54 ng/ml



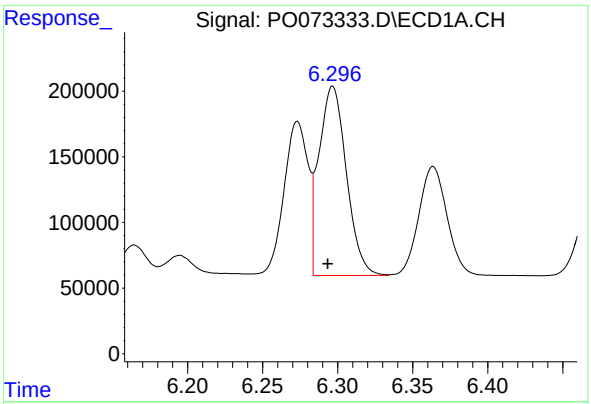
#16 AR-1242-1

R.T.: 6.273 min
Delta R.T.: 0.004 min
Response: 1319181
Conc: 619.75 ng/ml



#16 AR-1242-1

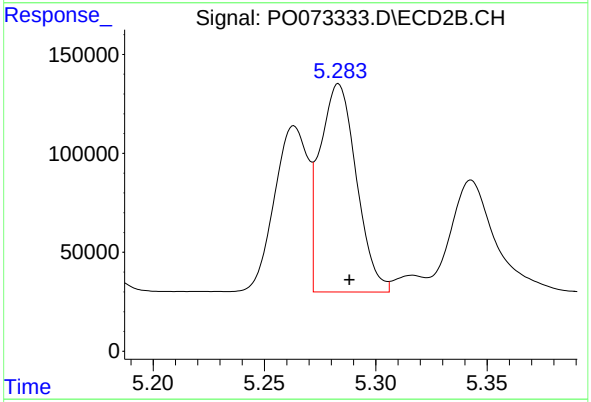
R.T.: 5.263 min
Delta R.T.: -0.005 min
Response: 879443
Conc: 711.25 ng/ml



#17 AR-1242-2

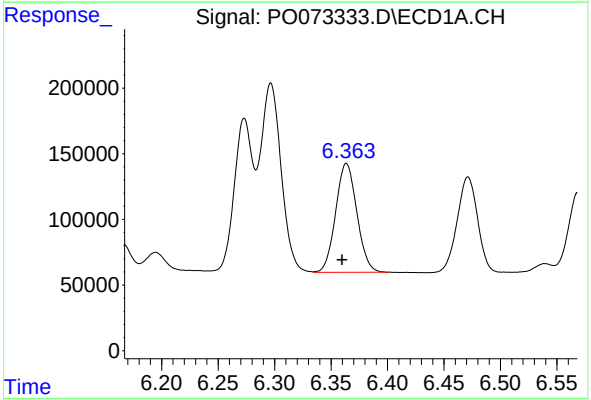
R.T.: 6.297 min
Delta R.T.: 0.003 min
Response: 1836232
Conc: 649.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



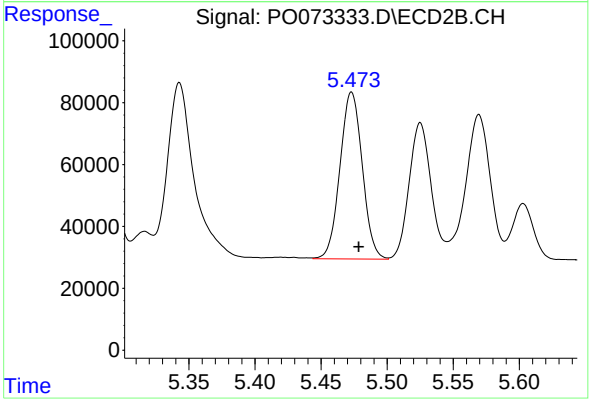
#17 AR-1242-2

R.T.: 5.283 min
Delta R.T.: -0.005 min
Response: 1198960
Conc: 718.83 ng/ml



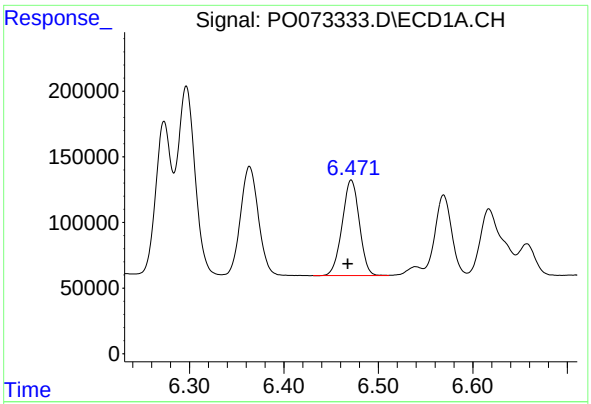
#18 AR-1242-3

R.T.: 6.364 min
Delta R.T.: 0.004 min
Response: 1082750
Conc: 644.08 ng/ml



#18 AR-1242-3

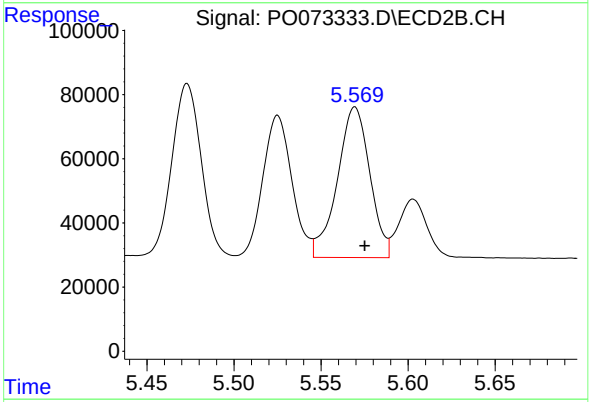
R.T.: 5.473 min
Delta R.T.: -0.005 min
Response: 634406
Conc: 768.70 ng/ml



#19 AR-1242-4

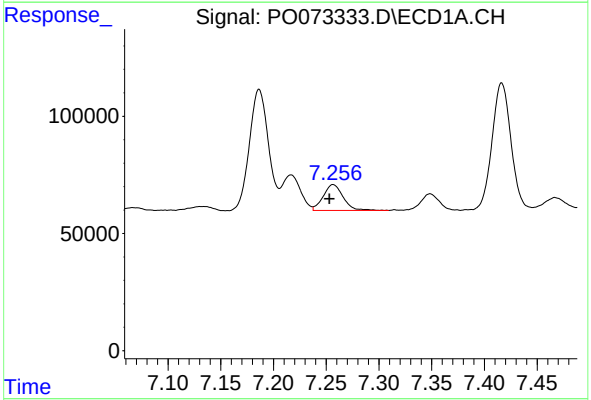
R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 920114
Conc: 644.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



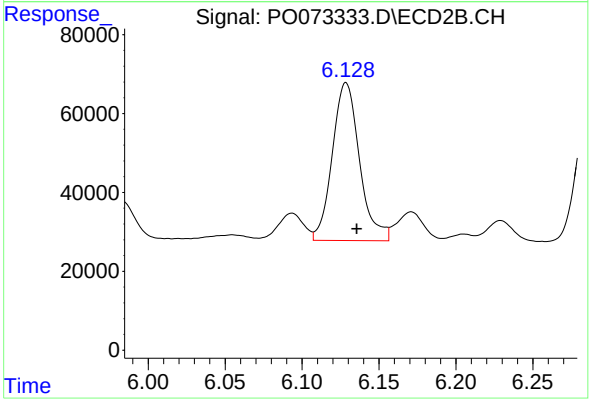
#19 AR-1242-4

R.T.: 5.569 min
Delta R.T.: -0.006 min
Response: 610379
Conc: 690.04 ng/ml



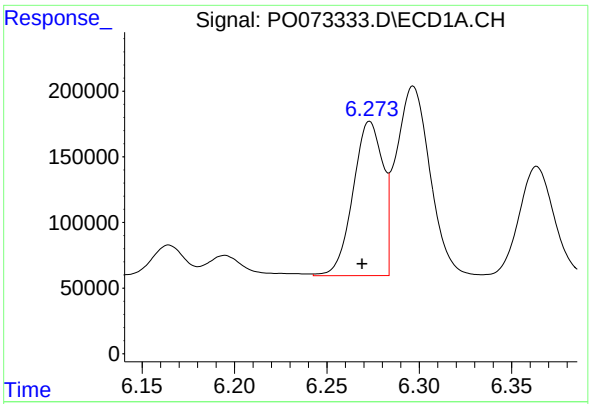
#20 AR-1242-5

R.T.: 7.257 min
Delta R.T.: 0.004 min
Response: 145686
Conc: 90.99 ng/ml



#20 AR-1242-5

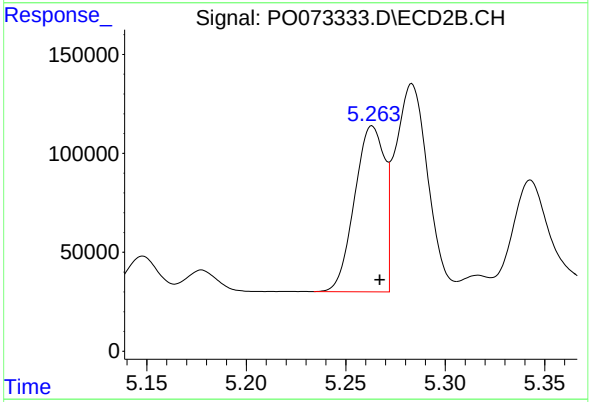
R.T.: 6.129 min
Delta R.T.: -0.007 min
Response: 491467
Conc: 421.26 ng/ml



#21 AR-1248-1

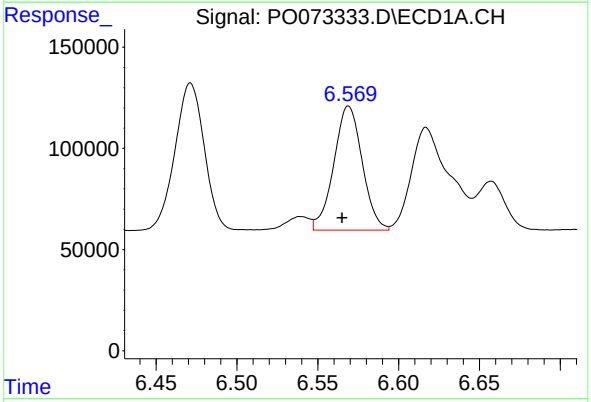
R.T.: 6.273 min
Delta R.T.: 0.004 min
Response: 1319181
Conc: 879.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



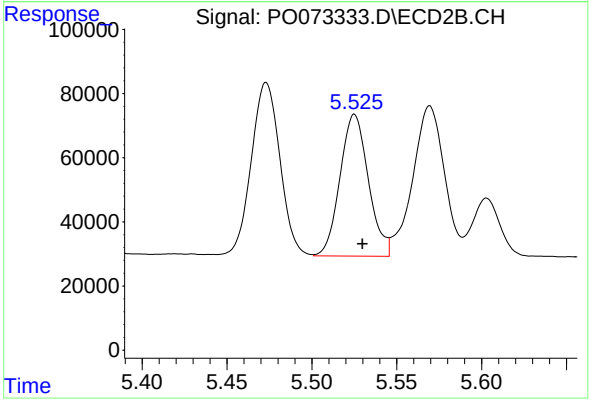
#21 AR-1248-1

R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 879443
Conc: 933.95 ng/ml



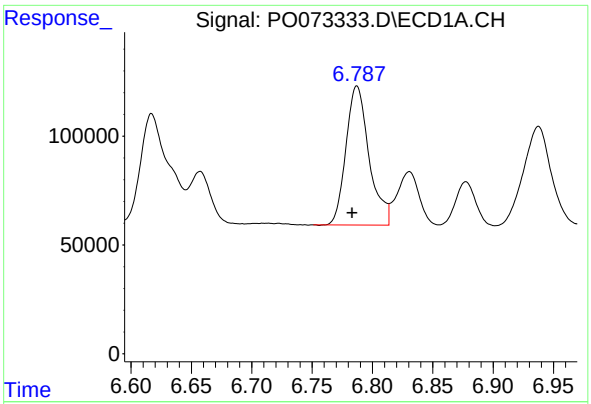
#22 AR-1248-2

R.T.: 6.569 min
Delta R.T.: 0.004 min
Response: 751471
Conc: 378.77 ng/ml



#22 AR-1248-2

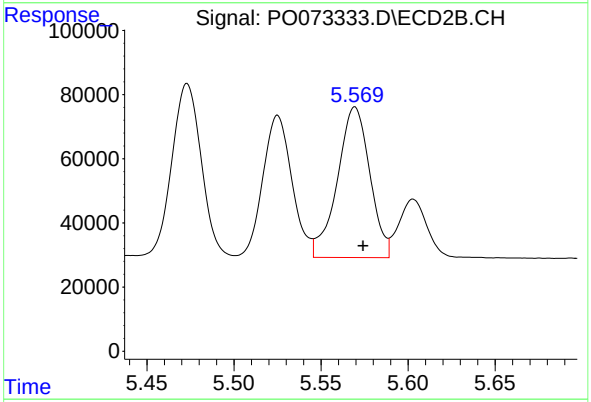
R.T.: 5.525 min
Delta R.T.: -0.005 min
Response: 515095
Conc: 406.75 ng/ml



#23 AR-1248-3

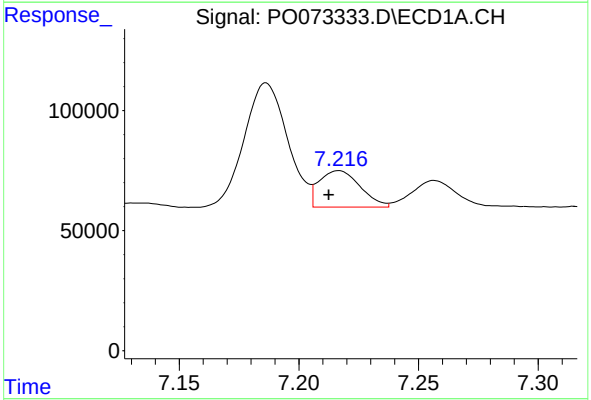
R.T.: 6.787 min
Delta R.T.: 0.004 min
Response: 852310
Conc: 380.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



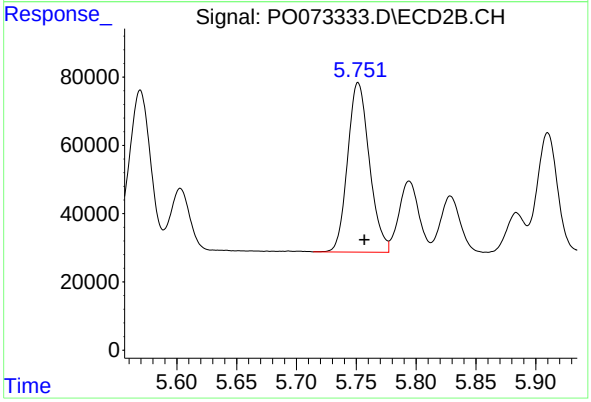
#23 AR-1248-3

R.T.: 5.569 min
Delta R.T.: -0.005 min
Response: 610379
Conc: 464.10 ng/ml



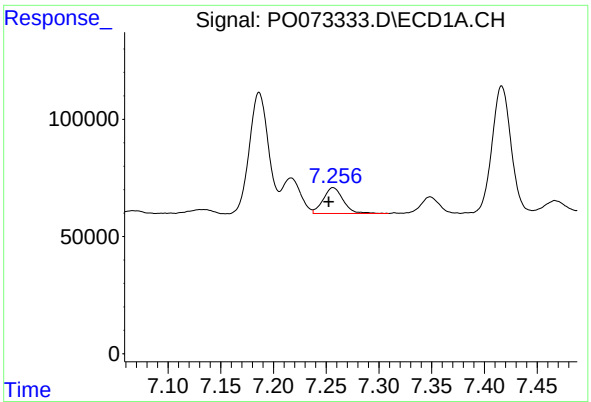
#24 AR-1248-4

R.T.: 7.217 min
Delta R.T.: 0.004 min
Response: 181264
Conc: 60.98 ng/ml



#24 AR-1248-4

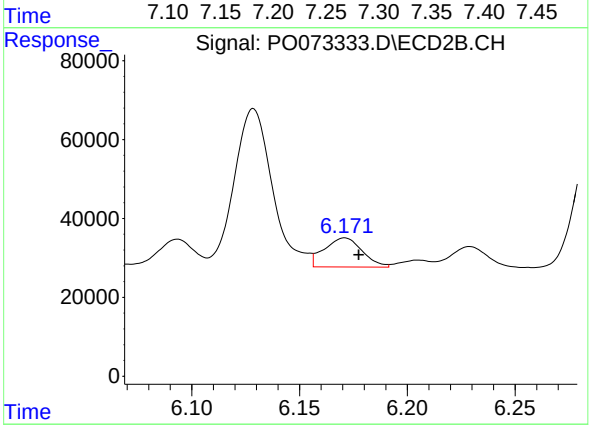
R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 629172
Conc: 397.44 ng/ml



#25 AR-1248-5

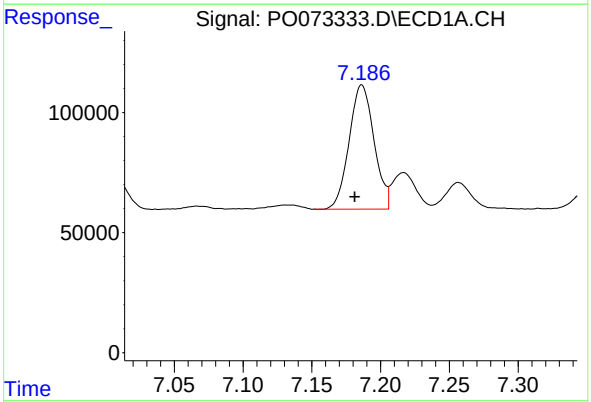
R.T.: 7.257 min
Delta R.T.: 0.004 min
Response: 145686
Conc: 52.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



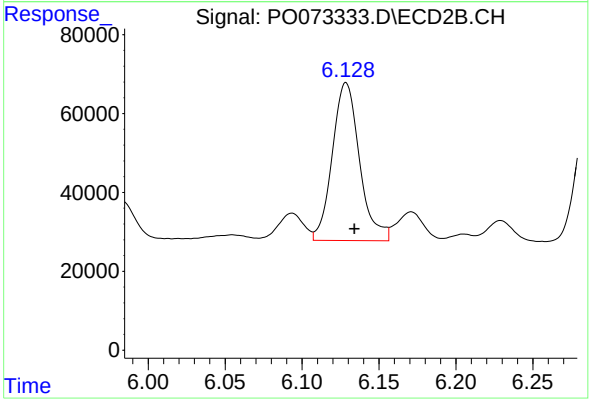
#25 AR-1248-5

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 90221
Conc: 54.41 ng/ml



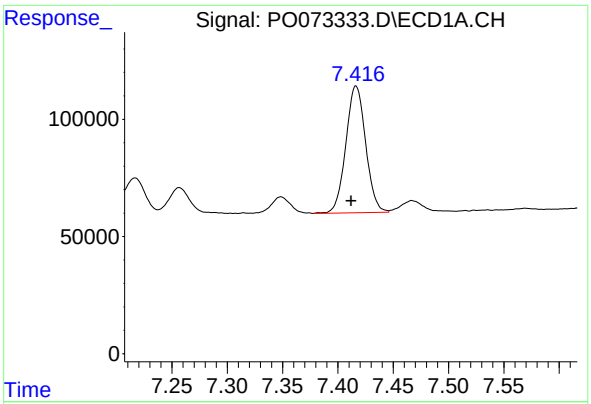
#26 AR-1254-1

R.T.: 7.186 min
Delta R.T.: 0.005 min
Response: 652456
Conc: 221.56 ng/ml



#26 AR-1254-1

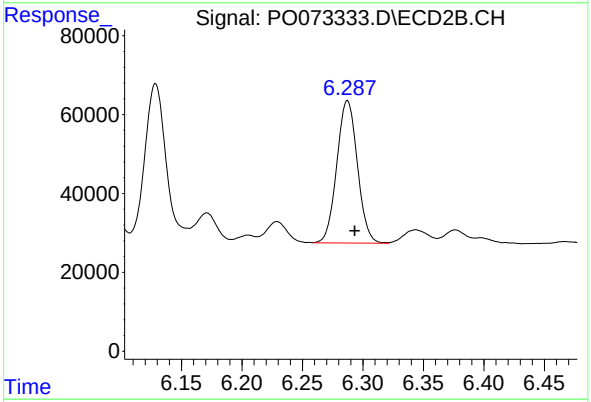
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 491467
Conc: 199.85 ng/ml



#27 AR-1254-2

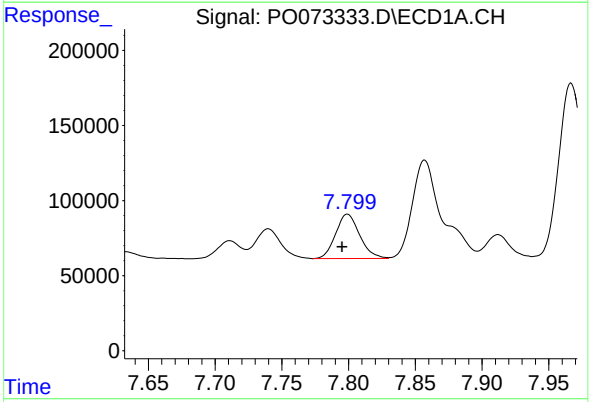
R.T.: 7.416 min
Delta R.T.: 0.004 min
Response: 673857
Conc: 141.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



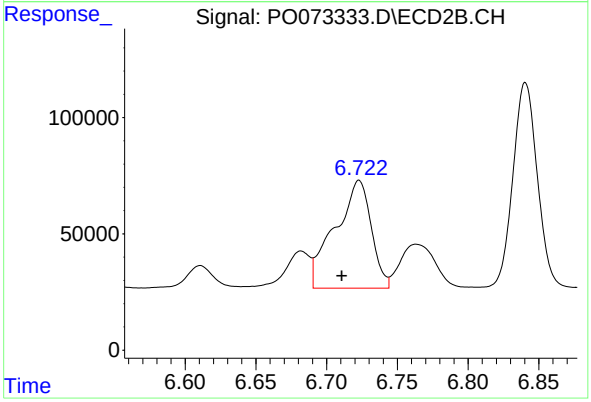
#27 AR-1254-2

R.T.: 6.287 min
Delta R.T.: -0.006 min
Response: 428190
Conc: 195.84 ng/ml



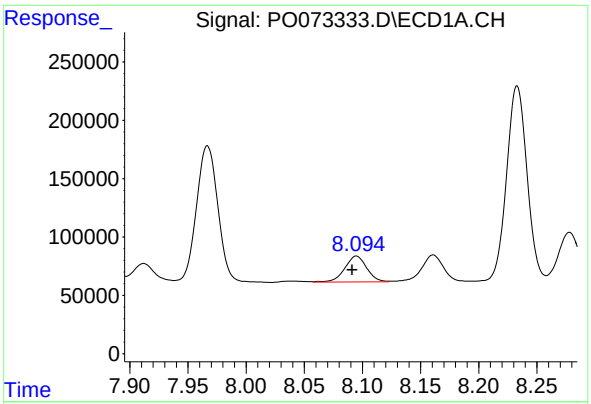
#28 AR-1254-3

R.T.: 7.799 min
Delta R.T.: 0.004 min
Response: 370567
Conc: 77.50 ng/ml



#28 AR-1254-3

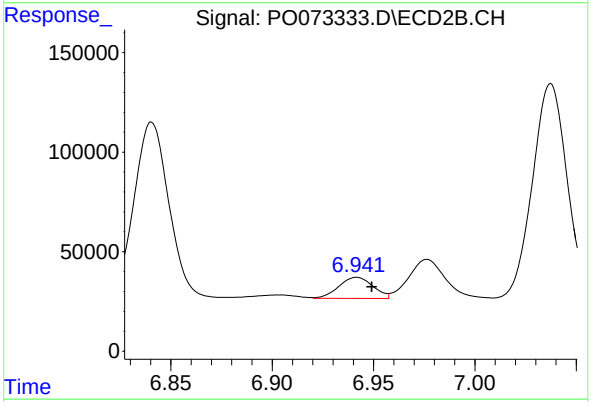
R.T.: 6.723 min
Delta R.T.: 0.012 min
Response: 827243
Conc: 226.59 ng/ml



#29 AR-1254-4

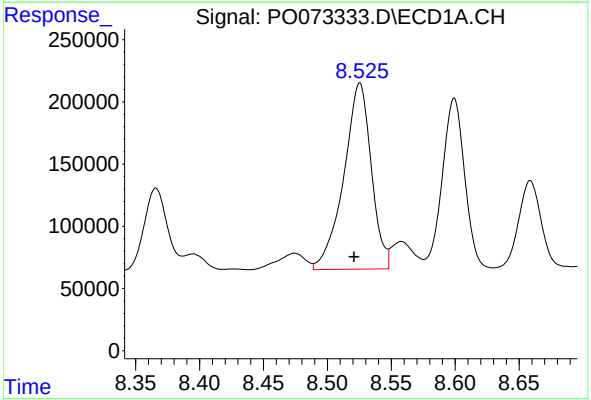
R.T.: 8.095 min
Delta R.T.: 0.004 min
Response: 291137
Conc: 68.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



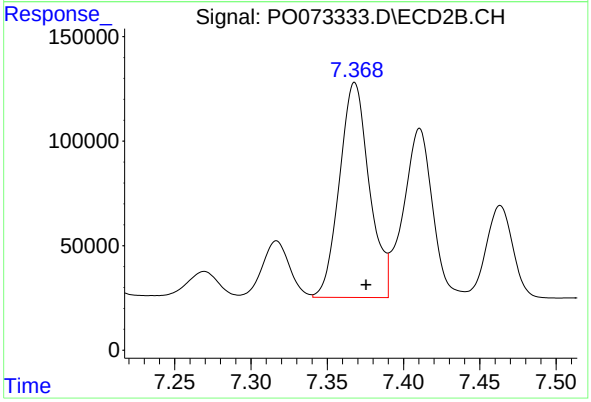
#29 AR-1254-4

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 124301
Conc: 51.98 ng/ml



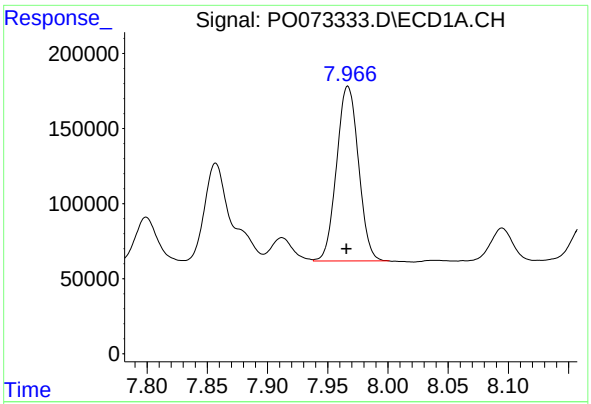
#30 AR-1254-5

R.T.: 8.525 min
Delta R.T.: 0.004 min
Response: 2243826
Conc: 562.10 ng/ml



#30 AR-1254-5

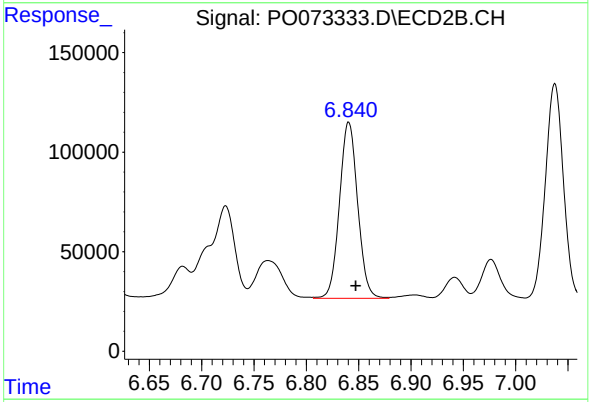
R.T.: 7.368 min
Delta R.T.: -0.008 min
Response: 1402257
Conc: 423.07 ng/ml



#31 AR-1260-1

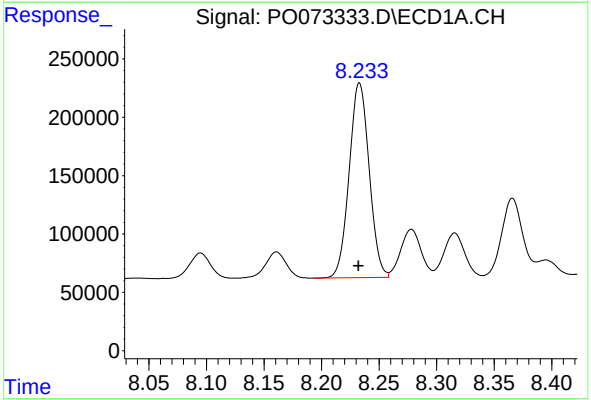
R.T.: 7.967 min
Delta R.T.: 0.001 min
Response: 1475152
Conc: 493.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



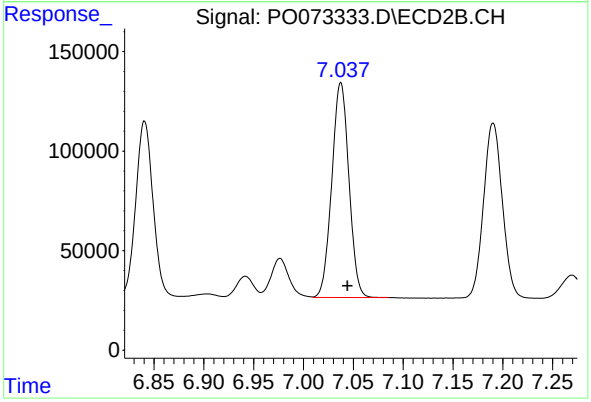
#31 AR-1260-1

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 1070518
Conc: 472.32 ng/ml



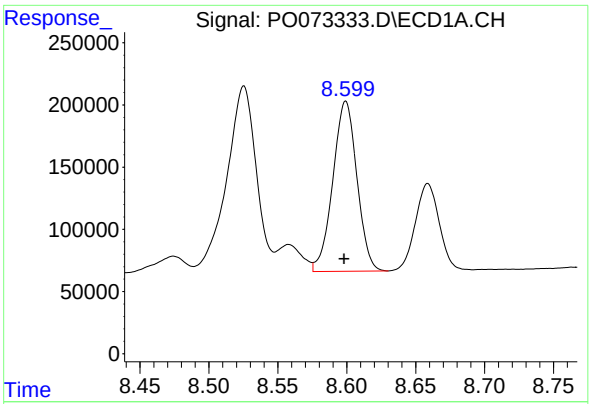
#32 AR-1260-2

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 2031576
Conc: 474.17 ng/ml



#32 AR-1260-2

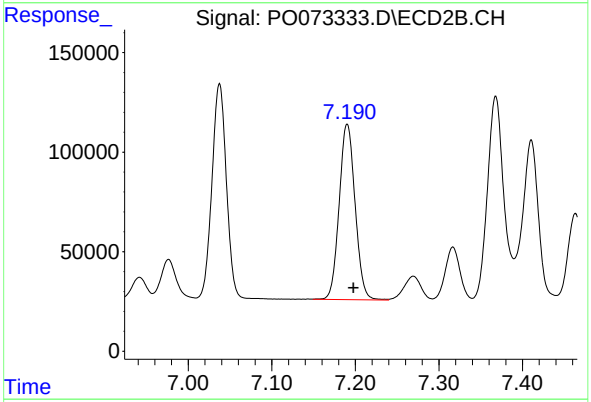
R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 1288585
Conc: 478.62 ng/ml



#33 AR-1260-3

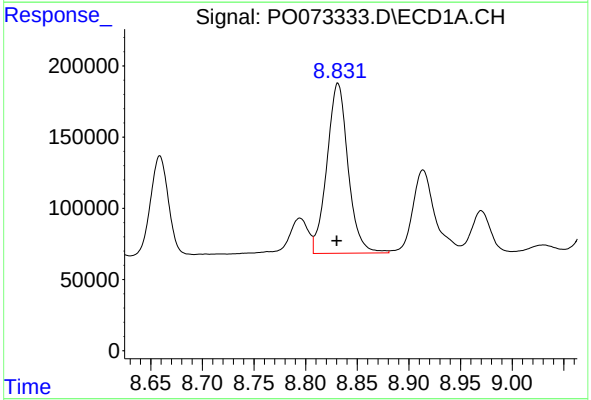
R.T.: 8.599 min
Delta R.T.: 0.001 min
Response: 1663717
Conc: 513.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



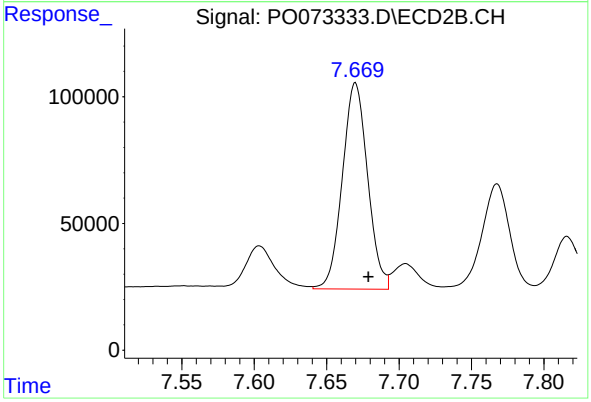
#33 AR-1260-3

R.T.: 7.190 min
Delta R.T.: -0.007 min
Response: 1168197
Conc: 474.37 ng/ml



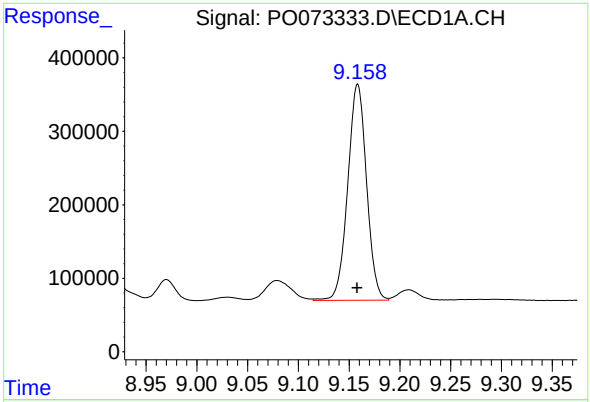
#34 AR-1260-4

R.T.: 8.831 min
Delta R.T.: 0.001 min
Response: 1700941
Conc: 545.20 ng/ml



#34 AR-1260-4

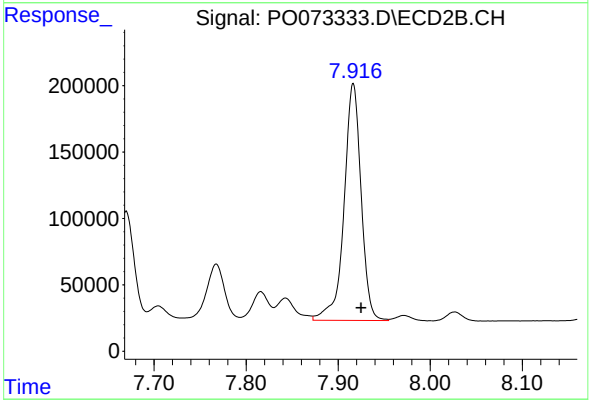
R.T.: 7.670 min
Delta R.T.: -0.009 min
Response: 987775
Conc: 484.67 ng/ml



#35 AR-1260-5

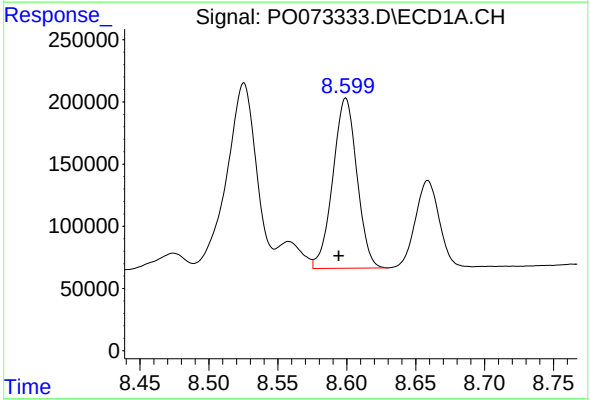
R.T.: 9.158 min
Delta R.T.: 0.000 min
Response: 3785625
Conc: 526.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



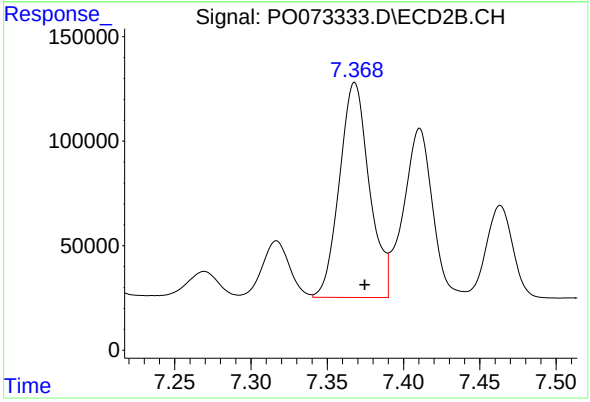
#35 AR-1260-5

R.T.: 7.916 min
Delta R.T.: -0.008 min
Response: 2300518
Conc: 486.03 ng/ml



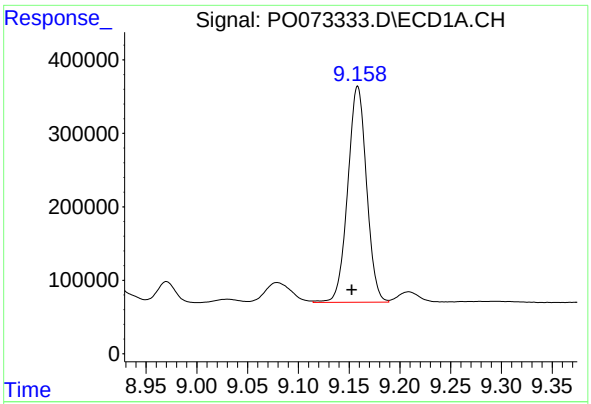
#36 AR-1262-1

R.T.: 8.599 min
Delta R.T.: 0.005 min
Response: 1663717
Conc: 336.50 ng/ml



#36 AR-1262-1

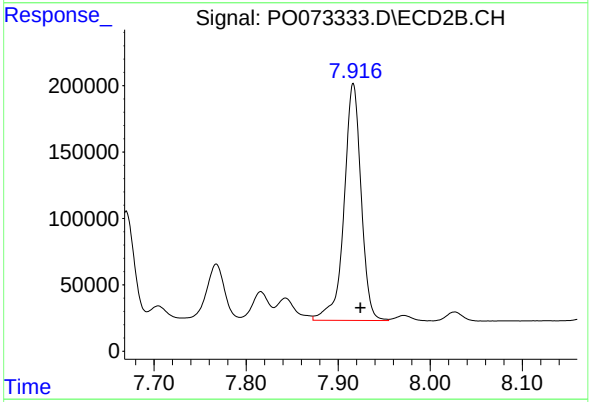
R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 1402257
Conc: 874.05 ng/ml



#37 AR-1262-2

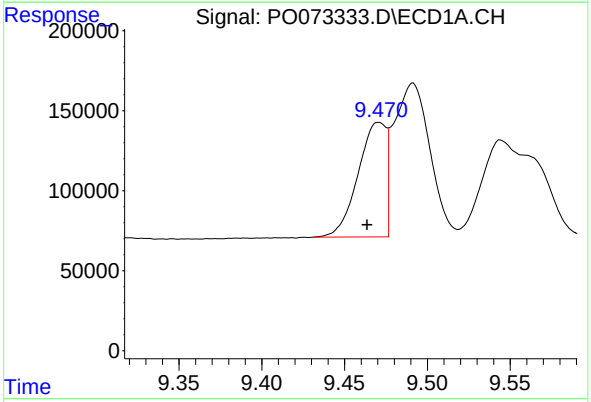
R.T.: 9.158 min
Delta R.T.: 0.006 min
Response: 3785625
Conc: 460.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



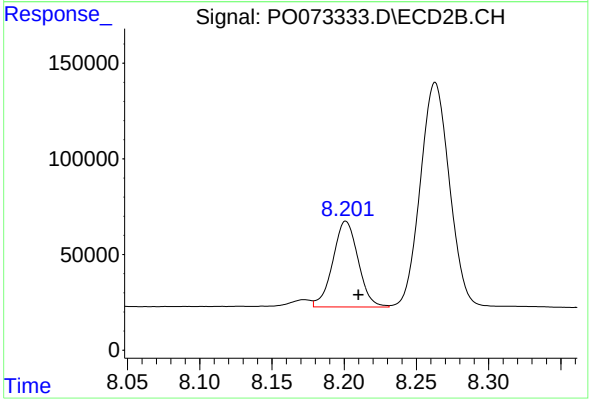
#37 AR-1262-2

R.T.: 7.916 min
Delta R.T.: -0.008 min
Response: 2300518
Conc: 438.16 ng/ml



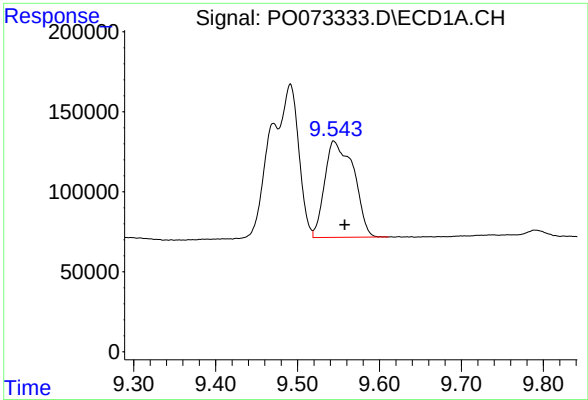
#38 AR-1262-3

R.T.: 9.471 min
Delta R.T.: 0.007 min
Response: 846332
Conc: 164.02 ng/ml



#38 AR-1262-3

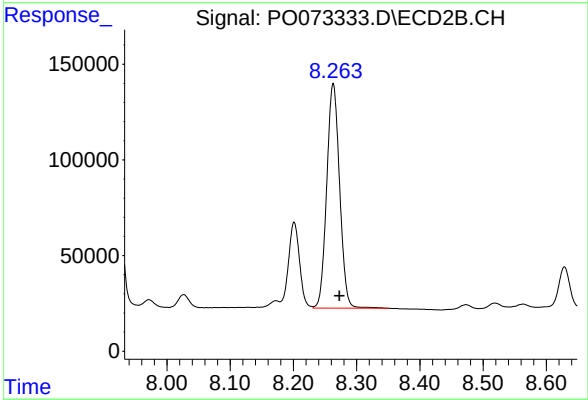
R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 547487
Conc: 261.67 ng/ml



#39 AR-1262-4

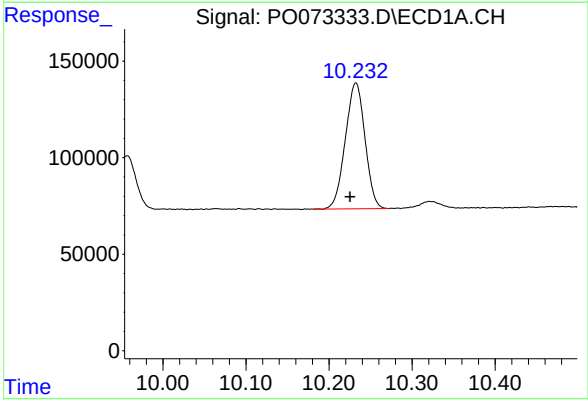
R.T.: 9.544 min
Delta R.T.: -0.013 min
Response: 1482485
Conc: 374.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



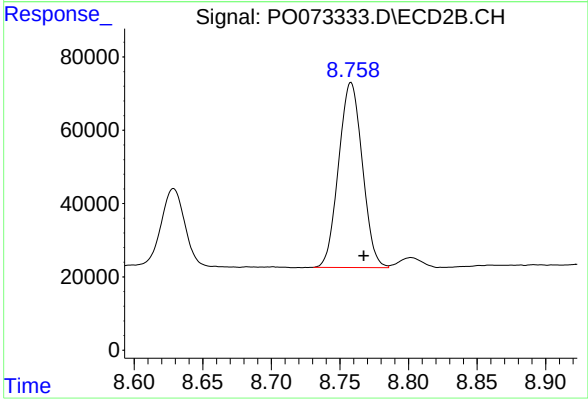
#39 AR-1262-4

R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 1661867
Conc: 438.27 ng/ml



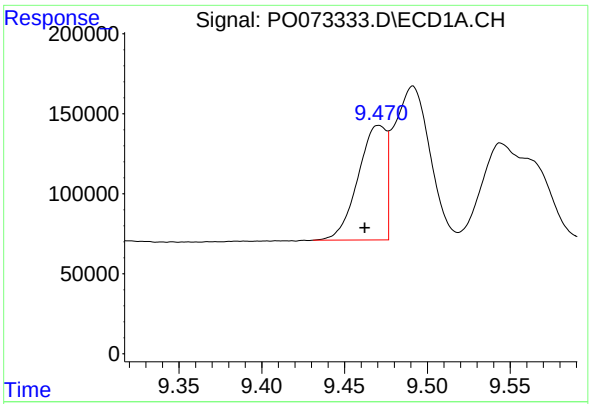
#40 AR-1262-5

R.T.: 10.232 min
Delta R.T.: 0.007 min
Response: 1073769
Conc: 392.23 ng/ml



#40 AR-1262-5

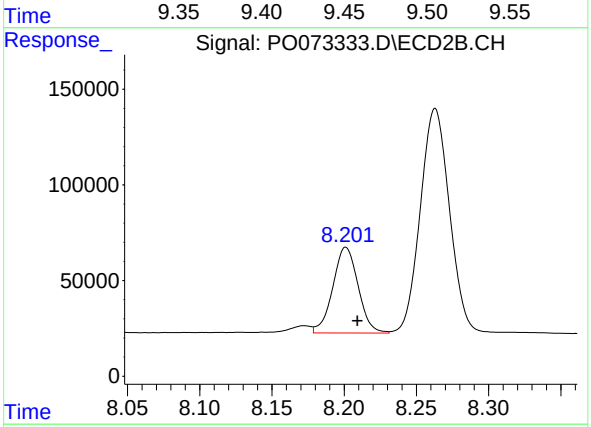
R.T.: 8.758 min
Delta R.T.: -0.009 min
Response: 607907
Conc: 353.33 ng/ml



#41 AR-1268-1

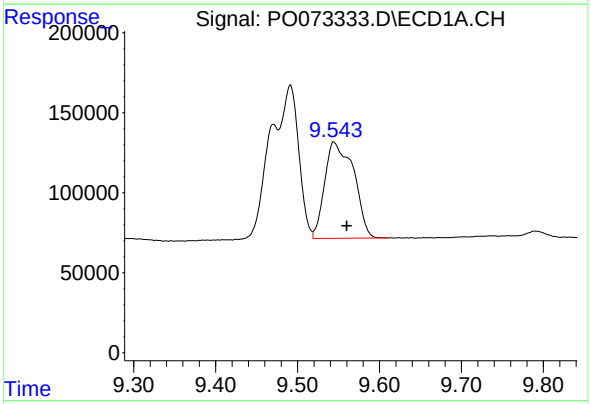
R.T.: 9.471 min
Delta R.T.: 0.009 min
Response: 846332
Conc: 87.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



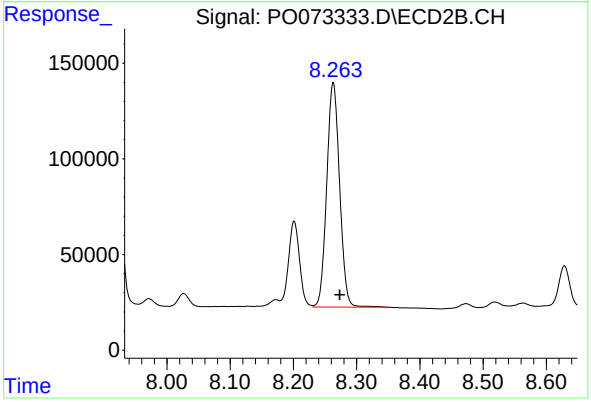
#41 AR-1268-1

R.T.: 8.201 min
Delta R.T.: -0.008 min
Response: 547487
Conc: 90.34 ng/ml



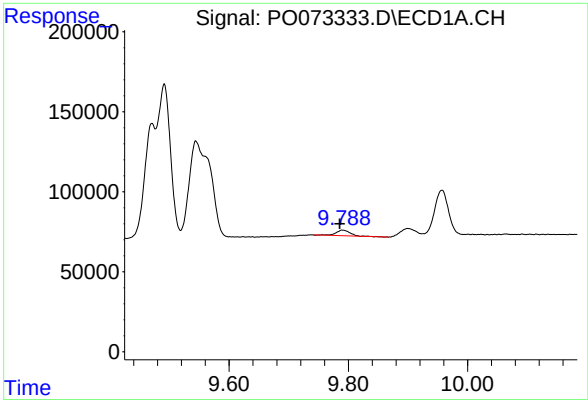
#42 AR-1268-2

R.T.: 9.544 min
Delta R.T.: -0.016 min
Response: 1482485
Conc: 174.75 ng/ml



#42 AR-1268-2

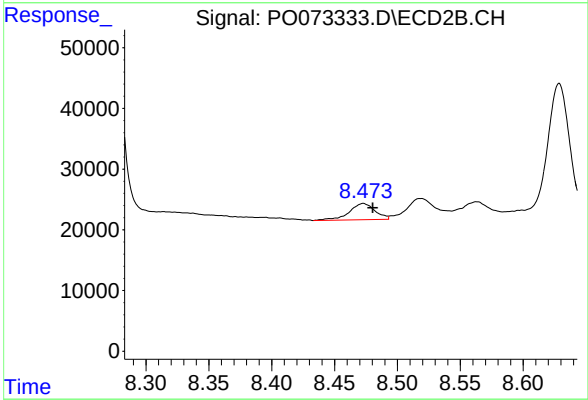
R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 1661867
Conc: 305.69 ng/ml



#43 AR-1268-3

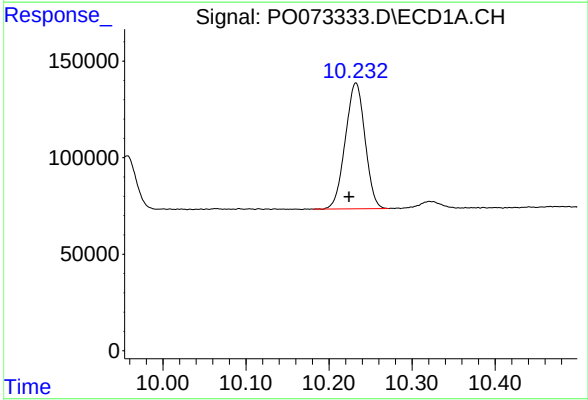
R.T.: 9.790 min
Delta R.T.: 0.004 min
Response: 58473
Conc: 7.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



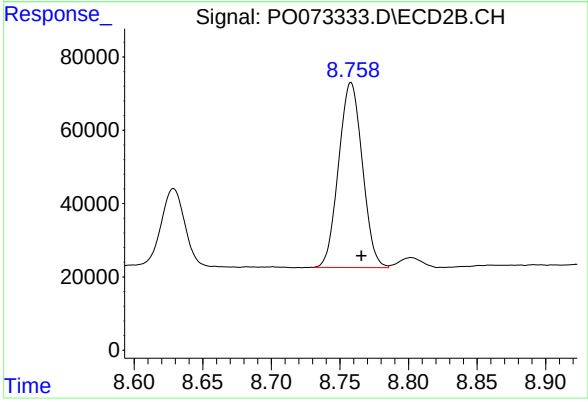
#43 AR-1268-3

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 38519
Conc: 8.14 ng/ml



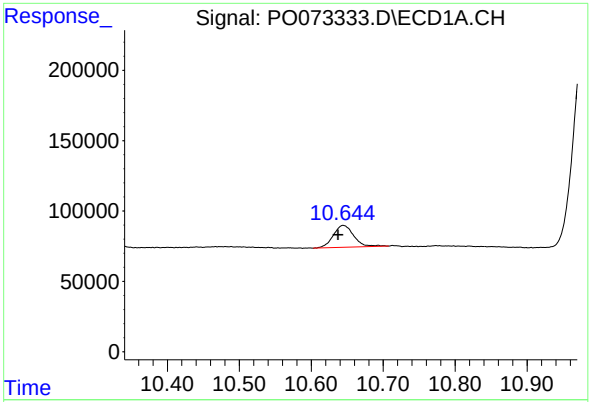
#44 AR-1268-4

R.T.: 10.232 min
Delta R.T.: 0.008 min
Response: 1073769
Conc: 352.59 ng/ml



#44 AR-1268-4

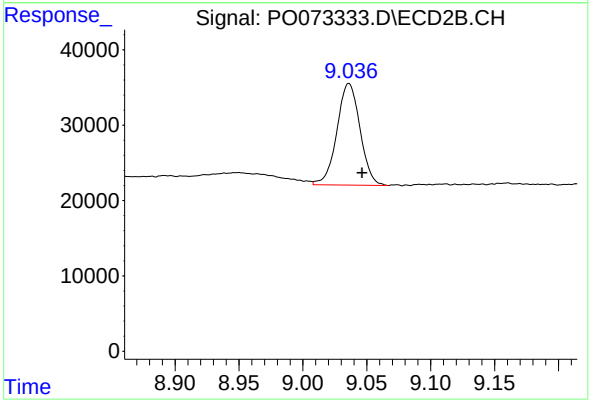
R.T.: 8.758 min
Delta R.T.: -0.008 min
Response: 607907
Conc: 311.68 ng/ml



#45 AR-1268-5

R.T.: 10.645 min
Delta R.T.: 0.007 min
Response: 307941
Conc: 14.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.036 min
Delta R.T.: -0.010 min
Response: 170071
Conc: 12.40 ng/ml