

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050421\
 Data File : P0077498.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 May 2021 9:30
 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: May 04 17:29:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 29 05:54:04 2021
 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...	4.903	3.883	6105376	2923862	55.637	52.377
2)	SA Decachlor...	10.868	9.121	5543665	1597582	50.415	46.962
Target Compounds							
3)	L1 AR-1016-1	6.226	5.129	1912475	808752	492.950	525.914
4)	L1 AR-1016-2	6.249	5.148	3387105	1654099	524.915	499.360
5)	L1 AR-1016-3	6.315	5.337	2181895	774235	534.584	535.679
6)	L1 AR-1016-4	6.423	5.387	1658158	708757	527.030	514.001
7)	L1 AR-1016-5	6.735	5.614	1415037	800281	464.203	501.340
8)	L2 AR-1221-1	5.150	4.140	175029	90463	148.470	149.969
9)	L2 AR-1221-2	5.254	4.239	261330	127965	300.824	292.141
10)	L2 AR-1221-3	5.342	4.327	1101520	510438	382.961	362.877
11)	L3 AR-1232-1	5.342	4.327	1101520	510438	495.628	472.320
12)	L3 AR-1232-2	5.927	5.148	1770073	1654099	1280.727	1256.082
13)	L3 AR-1232-3	6.249	5.337	3387105	774235	1318.118	1463.237
14)	L3 AR-1232-4	6.423	5.431	1658158	785095	1323.571	1439.068
15)	L3 AR-1232-5	6.518	5.614	1249794	800281	1413.123	1360.913
16)	L4 AR-1242-1	6.226	5.129	1912475	808752	666.973	720.752
17)	L4 AR-1242-2	6.249	5.148	3387105	1654099	686.021	668.414
18)	L4 AR-1242-3	6.315	5.337	2181895	774235	684.958	704.140
19)	L4 AR-1242-4	6.423	5.431	1658158	785095	700.009	638.682
20)	L4 AR-1242-5	7.205	5.989	175321	659661	63.522	429.784 #
21)	L5 AR-1248-1	6.226	5.129	1912475	808752	871.739	924.991
22)	L5 AR-1248-2	6.518	5.387	1249794	708757	365.207	396.870
23)	L5 AR-1248-3	6.735	5.431	1415037	785095	353.007	459.140 #
24)	L5 AR-1248-4	7.166	5.614	207974	800281	44.905	396.832 #
25)	L5 AR-1248-5	7.205	6.036	175321	109637	37.005	48.010 #
26)	L6 AR-1254-1	7.132	5.989	991151	659661	210.254	213.475
27)	L6 AR-1254-2	7.360	6.148	1089994	606571	146.758	218.858 #
28)	L6 AR-1254-3	7.743	6.581	741037	1067373	95.501	261.882 #
29)	L6 AR-1254-4	8.037	6.805	488431	99547	84.825	43.576 #
30)	L6 AR-1254-5	8.466	7.228	4076942	1884049	650.407	513.761
31)	L7 AR-1260-1	7.909	6.699	2993546	1503485	484.197	477.776
32)	L7 AR-1260-2	8.174	6.897	3379548	1770627	451.170	476.151
33)	L7 AR-1260-3	8.540	7.048	2286010	1583568	456.627	460.369
34)	L7 AR-1260-4	8.769	7.528	2579784	1088435	471.093	455.546
35)	L7 AR-1260-5	9.091	7.777	5294701	2479097	488.066	473.032
36)	L8 AR-1262-1	8.540	7.228	2286010	1884049	286.842	1015.439 #
37)	L8 AR-1262-2	9.091	7.777	5294701	2479097	404.082	419.797
38)	L8 AR-1262-3	9.418f	8.059	3389247	488113	388.360	213.115 #
39)	L8 AR-1262-4	9.472	8.122	2046920	1704162	293.844	415.479 #
40)	L8 AR-1262-5	10.143	8.620	1476838	495685	315.572	291.994
41)	L9 AR-1268-1	9.418f	8.059	3389247	488113	211.418	74.845 #

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 Acq On : 04 May 2021 9:30
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

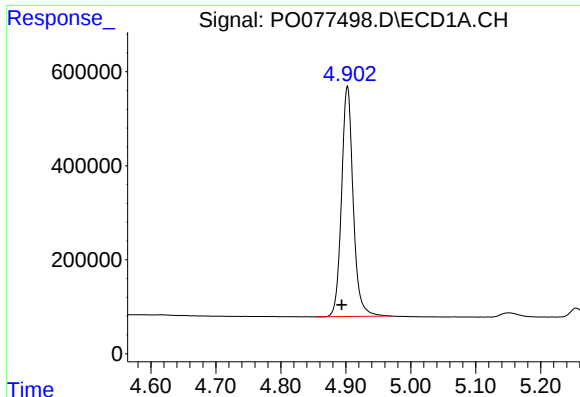
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 17:29:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042821.M
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 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	9.472	8.122	2046920	1704162	137.209	292.161 #
43) L9	AR-1268-3	9.710	8.327	140806	53413	10.921	11.042
44) L9	AR-1268-4	10.143	8.620	1476838	495685	294.549	257.673
45) L9	AR-1268-5	10.547	8.891	704508	188678	17.578	15.175

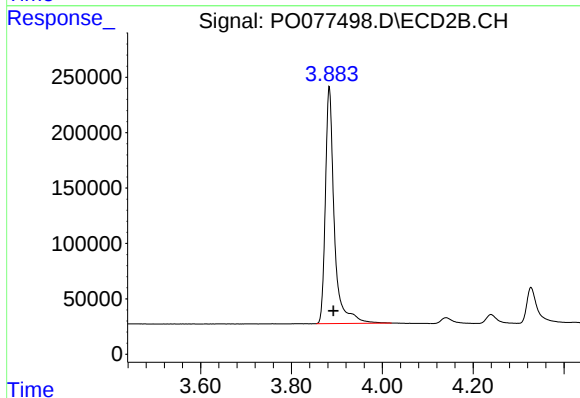
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

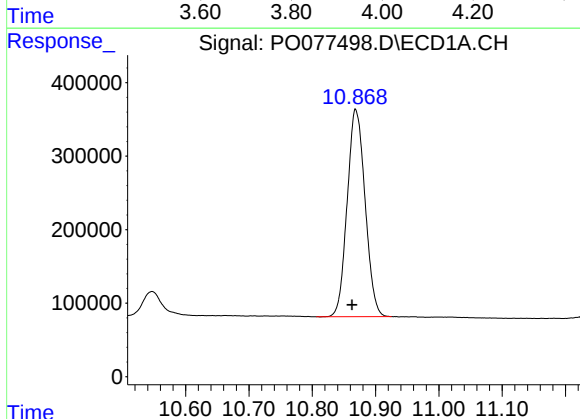
R.T.: 4.903 min
Delta R.T.: 0.009 min
Response: 6105376
Conc: 55.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



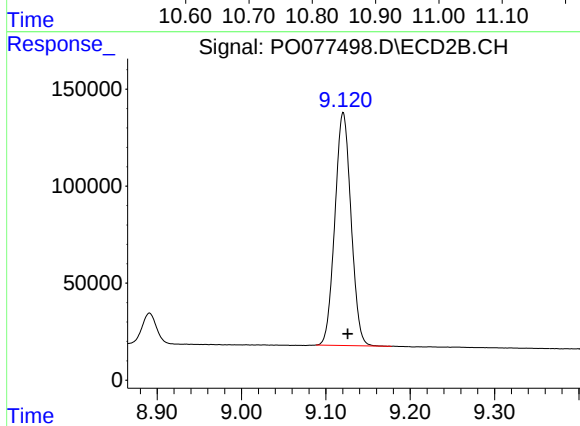
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: -0.009 min
Response: 2923862
Conc: 52.38 ng/ml



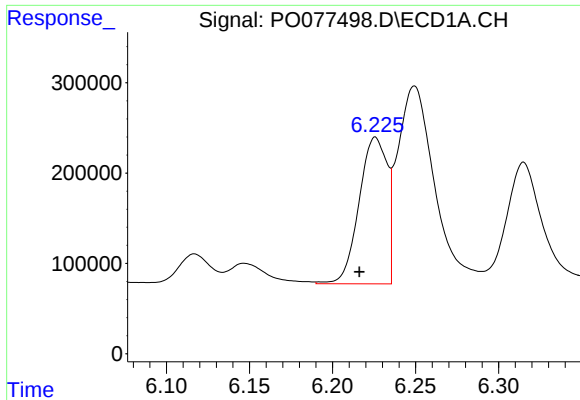
#2 Decachlorobiphenyl

R.T.: 10.868 min
Delta R.T.: 0.006 min
Response: 5543665
Conc: 50.41 ng/ml



#2 Decachlorobiphenyl

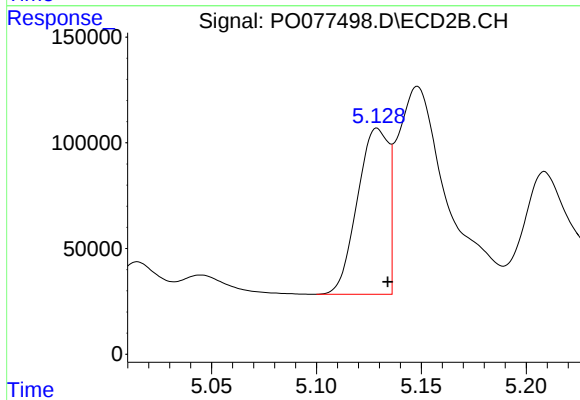
R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 1597582
Conc: 46.96 ng/ml



#3 AR-1016-1

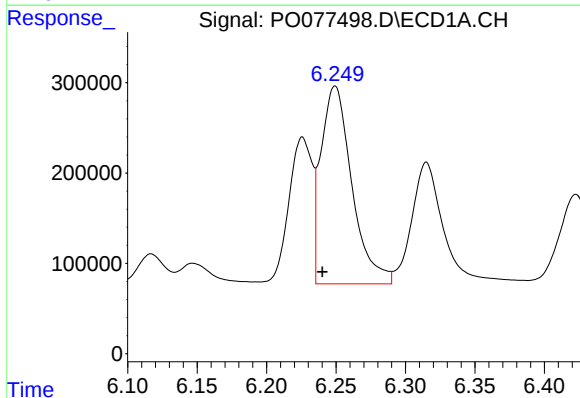
R.T.: 6.226 min
Delta R.T.: 0.010 min
Response: 1912475
Conc: 492.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



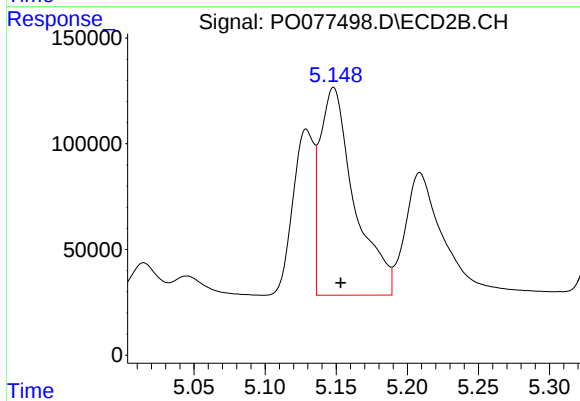
#3 AR-1016-1

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 808752
Conc: 525.91 ng/ml



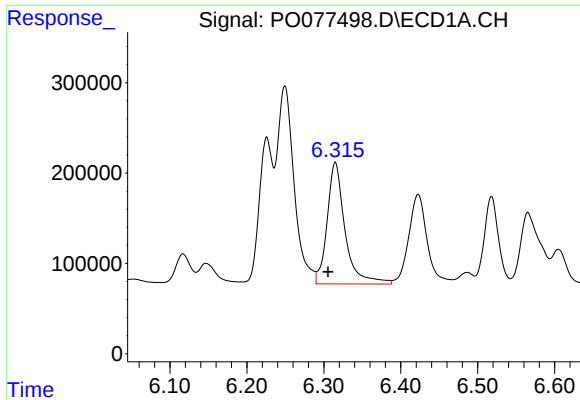
#4 AR-1016-2

R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 3387105
Conc: 524.91 ng/ml



#4 AR-1016-2

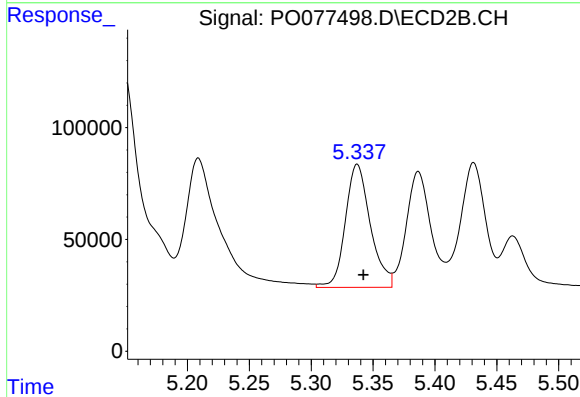
R.T.: 5.148 min
Delta R.T.: -0.005 min
Response: 1654099
Conc: 499.36 ng/ml



#5 AR-1016-3

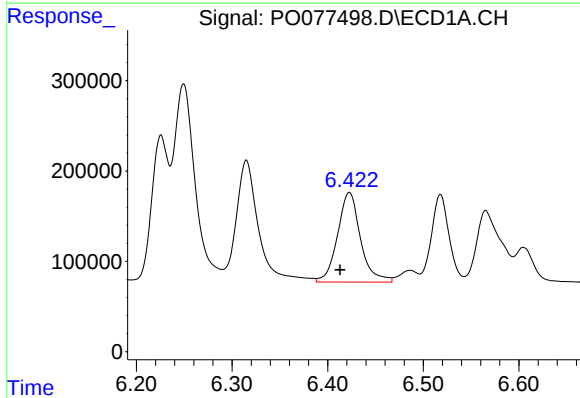
R.T.: 6.315 min
Delta R.T.: 0.010 min
Response: 2181895
Conc: 534.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



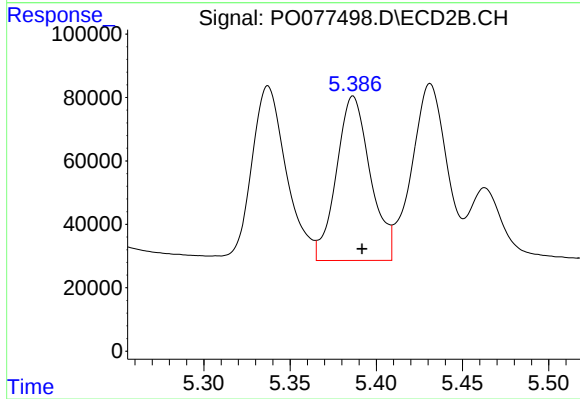
#5 AR-1016-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 774235
Conc: 535.68 ng/ml



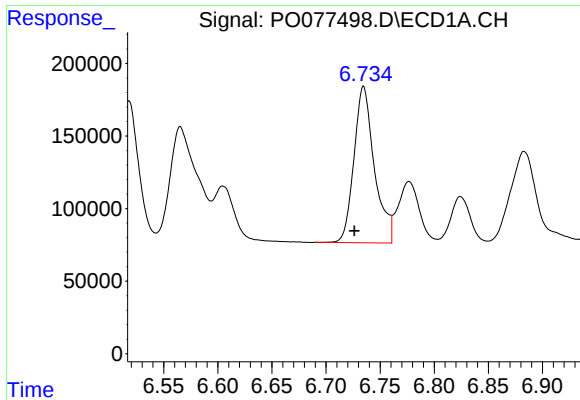
#6 AR-1016-4

R.T.: 6.423 min
Delta R.T.: 0.010 min
Response: 1658158
Conc: 527.03 ng/ml



#6 AR-1016-4

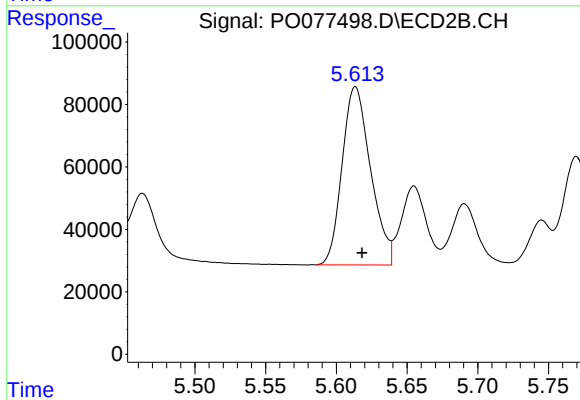
R.T.: 5.387 min
Delta R.T.: -0.005 min
Response: 708757
Conc: 514.00 ng/ml



#7 AR-1016-5

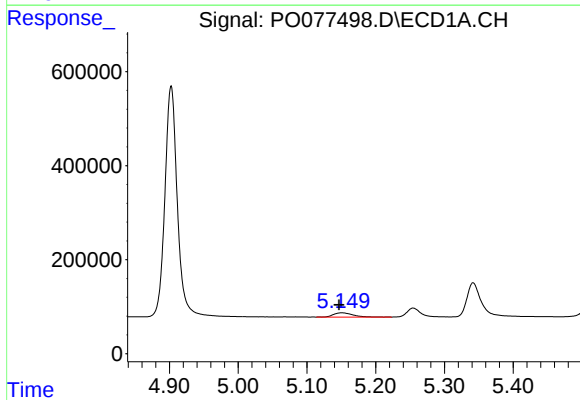
R.T.: 6.735 min
Delta R.T.: 0.008 min
Response: 1415037
Conc: 464.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



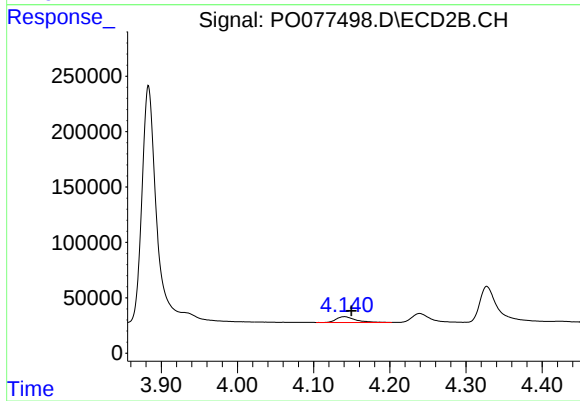
#7 AR-1016-5

R.T.: 5.614 min
Delta R.T.: -0.005 min
Response: 800281
Conc: 501.34 ng/ml



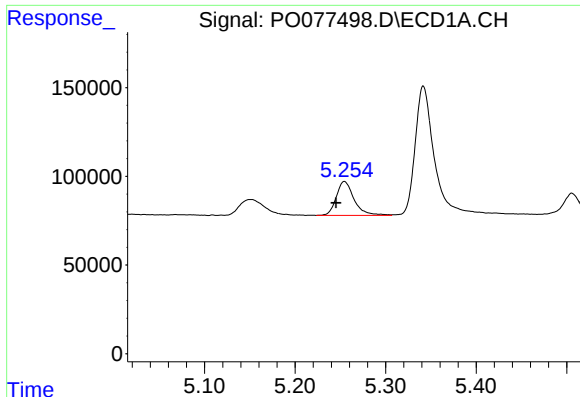
#8 AR-1221-1

R.T.: 5.150 min
Delta R.T.: 0.003 min
Response: 175029
Conc: 148.47 ng/ml



#8 AR-1221-1

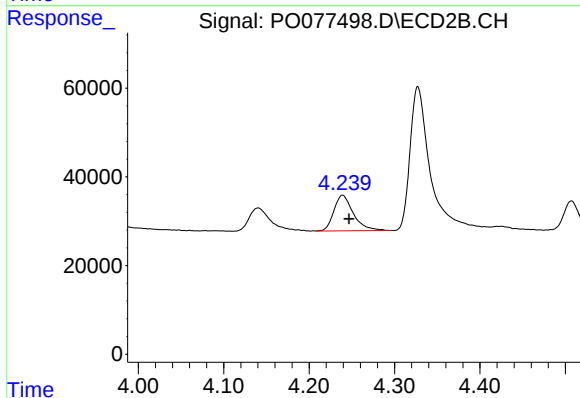
R.T.: 4.140 min
Delta R.T.: -0.009 min
Response: 90463
Conc: 149.97 ng/ml



#9 AR-1221-2

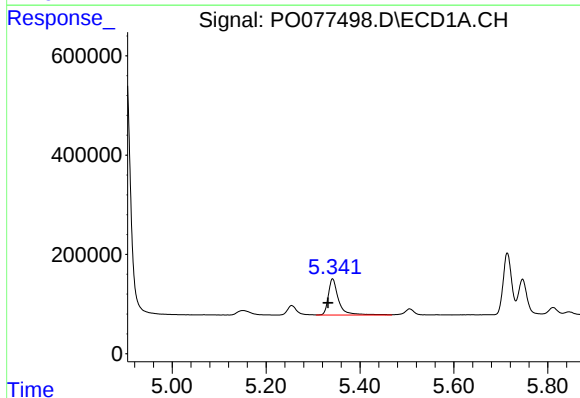
R.T.: 5.254 min
Delta R.T.: 0.009 min
Response: 261330
Conc: 300.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



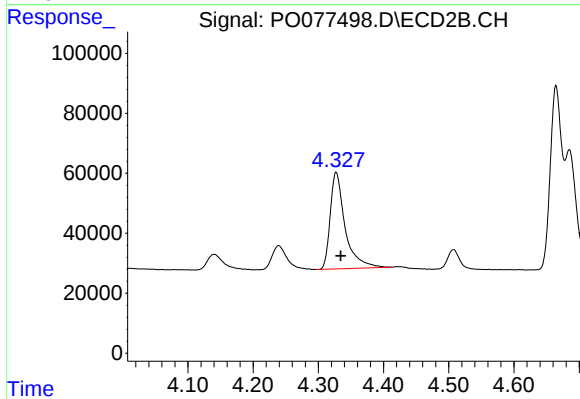
#9 AR-1221-2

R.T.: 4.239 min
Delta R.T.: -0.007 min
Response: 127965
Conc: 292.14 ng/ml



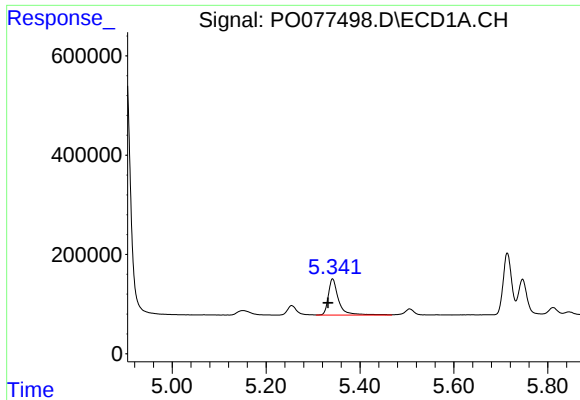
#10 AR-1221-3

R.T.: 5.342 min
Delta R.T.: 0.010 min
Response: 1101520
Conc: 382.96 ng/ml



#10 AR-1221-3

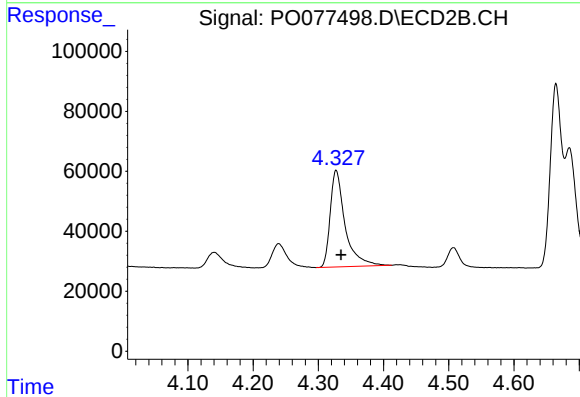
R.T.: 4.327 min
Delta R.T.: -0.007 min
Response: 510438
Conc: 362.88 ng/ml



#11 AR-1232-1

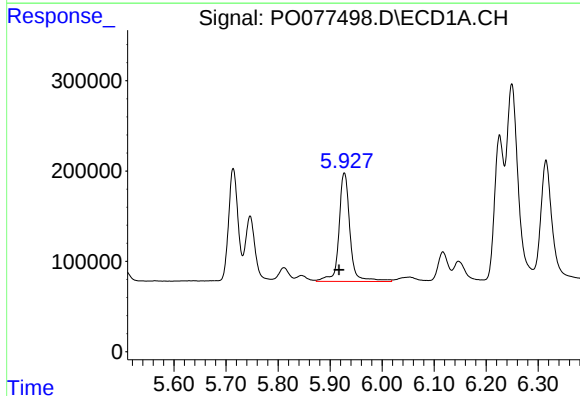
R.T.: 5.342 min
Delta R.T.: 0.009 min
Response: 1101520
Conc: 495.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



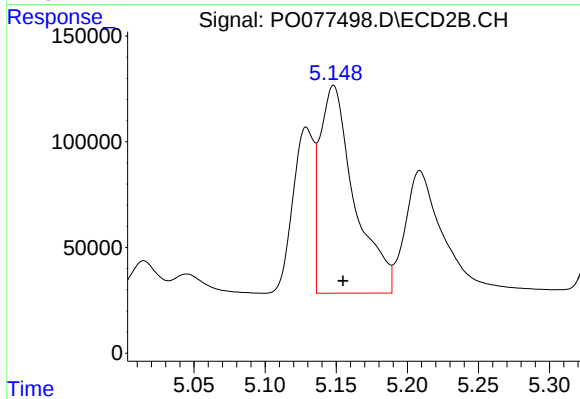
#11 AR-1232-1

R.T.: 4.327 min
Delta R.T.: -0.007 min
Response: 510438
Conc: 472.32 ng/ml



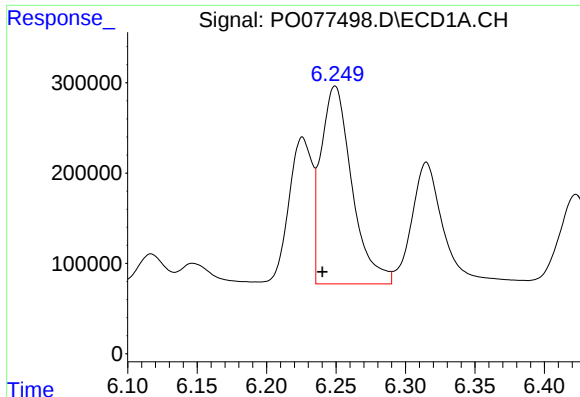
#12 AR-1232-2

R.T.: 5.927 min
Delta R.T.: 0.010 min
Response: 1770073
Conc: 1280.73 ng/ml



#12 AR-1232-2

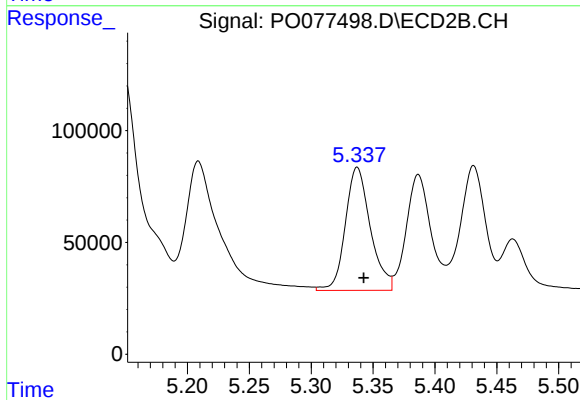
R.T.: 5.148 min
Delta R.T.: -0.007 min
Response: 1654099
Conc: 1256.08 ng/ml



#13 AR-1232-3

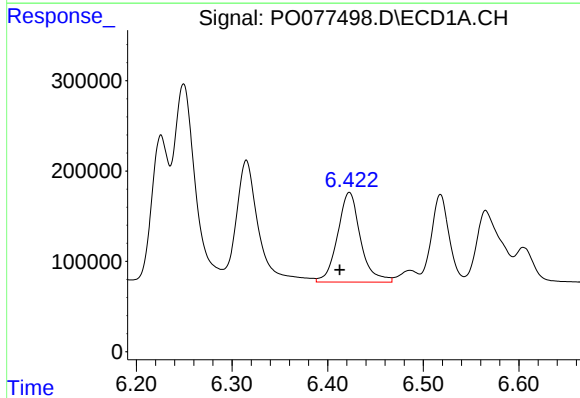
R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 3387105
Conc: 1318.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



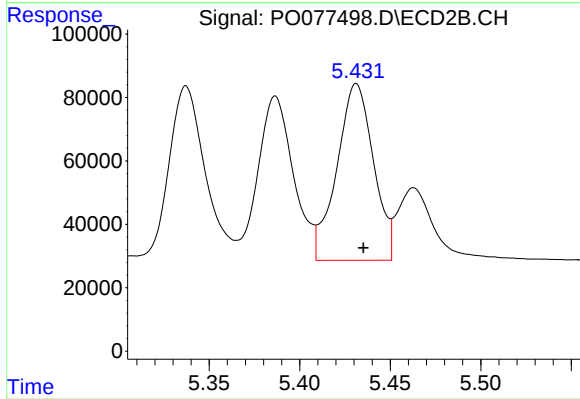
#13 AR-1232-3

R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 774235
Conc: 1463.24 ng/ml



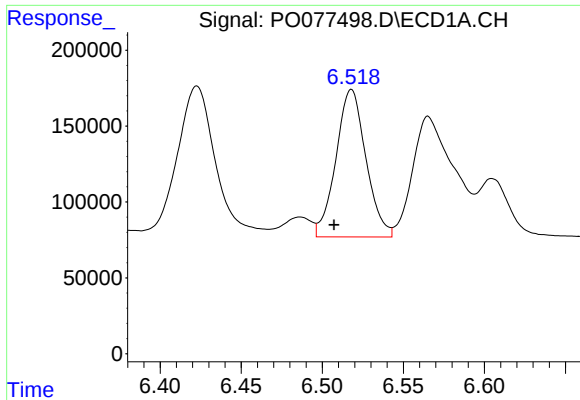
#14 AR-1232-4

R.T.: 6.423 min
Delta R.T.: 0.010 min
Response: 1658158
Conc: 1323.57 ng/ml



#14 AR-1232-4

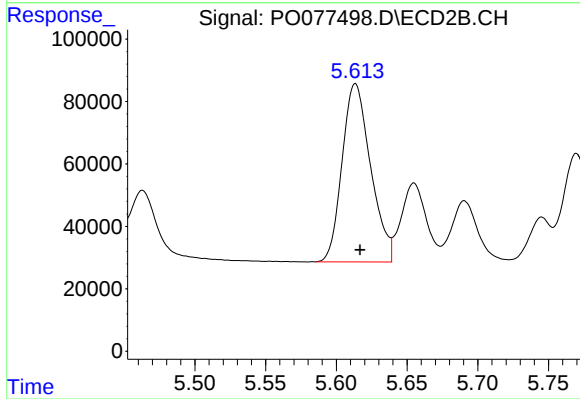
R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 785095
Conc: 1439.07 ng/ml



#15 AR-1232-5

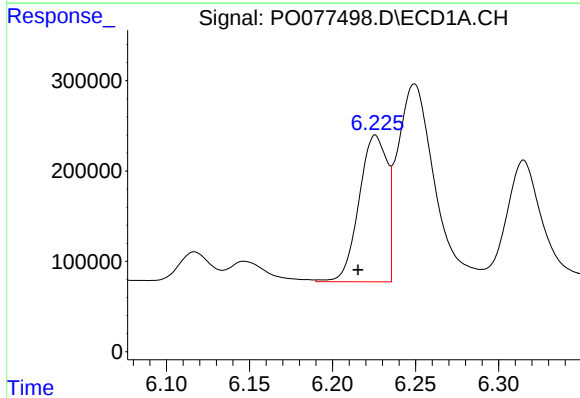
R.T.: 6.518 min
Delta R.T.: 0.011 min
Response: 1249794
Conc: 1413.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



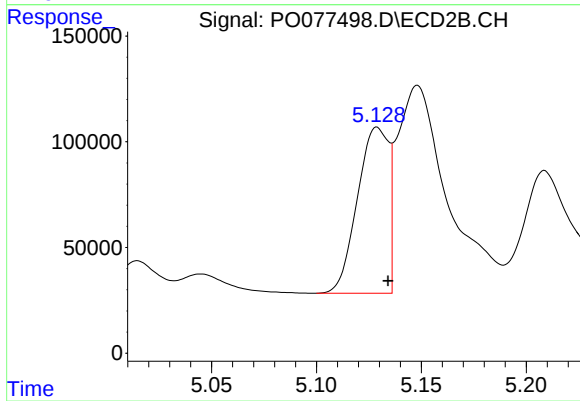
#15 AR-1232-5

R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 800281
Conc: 1360.91 ng/ml



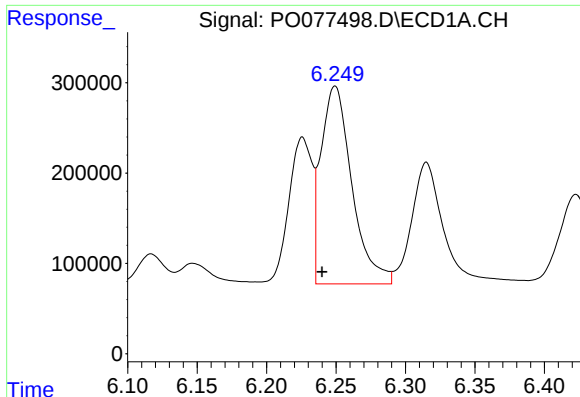
#16 AR-1242-1

R.T.: 6.226 min
Delta R.T.: 0.010 min
Response: 1912475
Conc: 666.97 ng/ml



#16 AR-1242-1

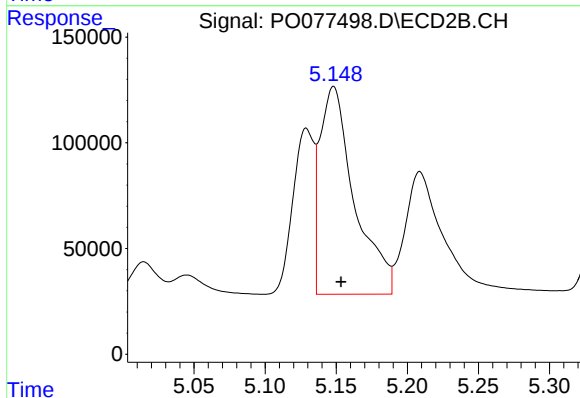
R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 808752
Conc: 720.75 ng/ml



#17 AR-1242-2

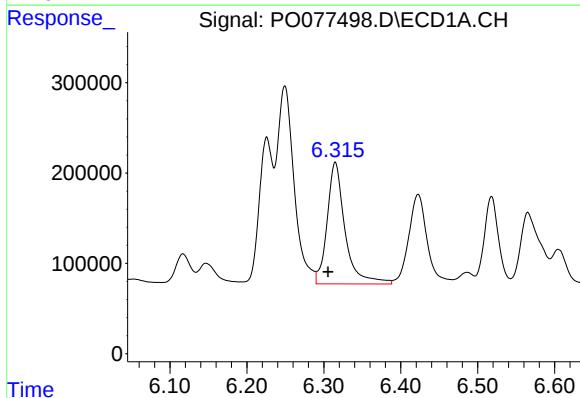
R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 3387105
Conc: 686.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



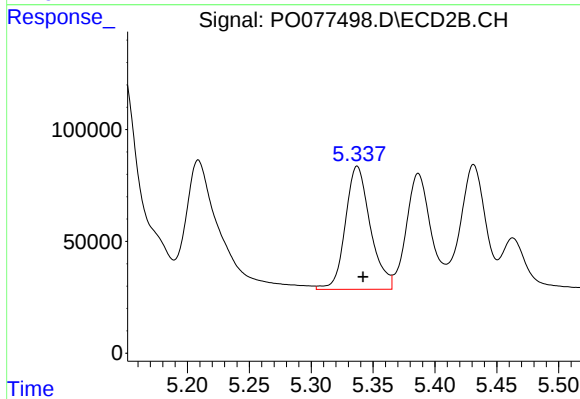
#17 AR-1242-2

R.T.: 5.148 min
Delta R.T.: -0.005 min
Response: 1654099
Conc: 668.41 ng/ml



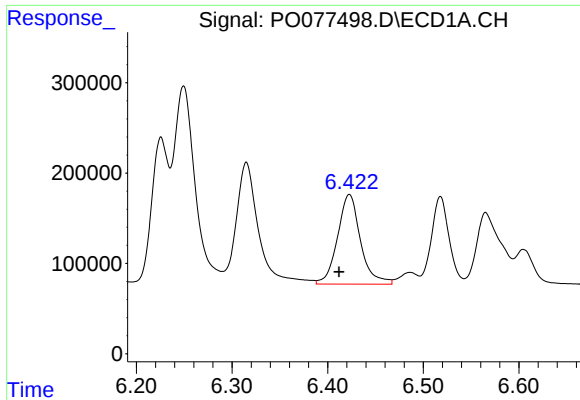
#18 AR-1242-3

R.T.: 6.315 min
Delta R.T.: 0.010 min
Response: 2181895
Conc: 684.96 ng/ml



#18 AR-1242-3

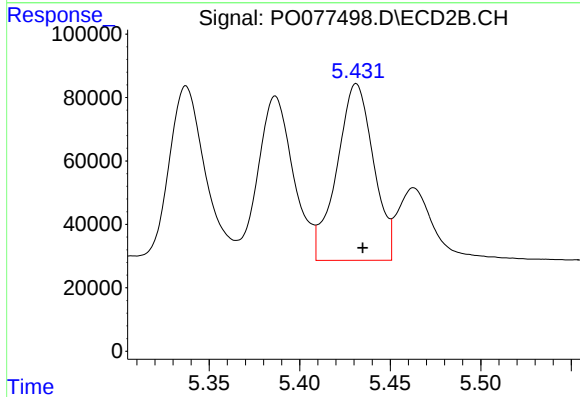
R.T.: 5.337 min
Delta R.T.: -0.005 min
Response: 774235
Conc: 704.14 ng/ml



#19 AR-1242-4

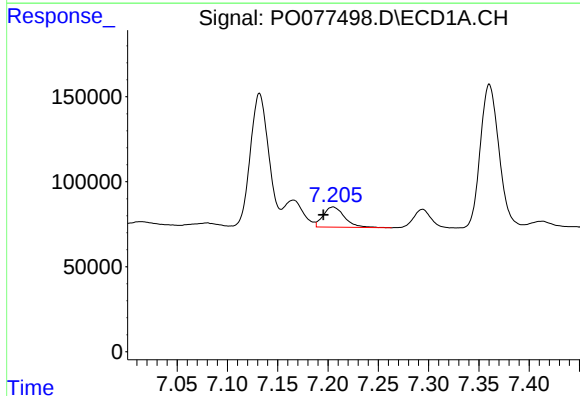
R.T.: 6.423 min
Delta R.T.: 0.011 min
Response: 1658158
Conc: 700.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



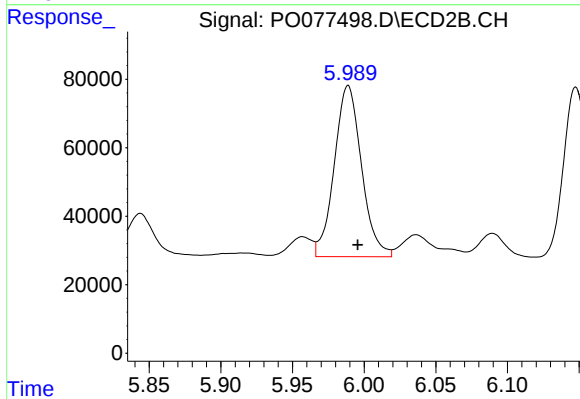
#19 AR-1242-4

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 785095
Conc: 638.68 ng/ml



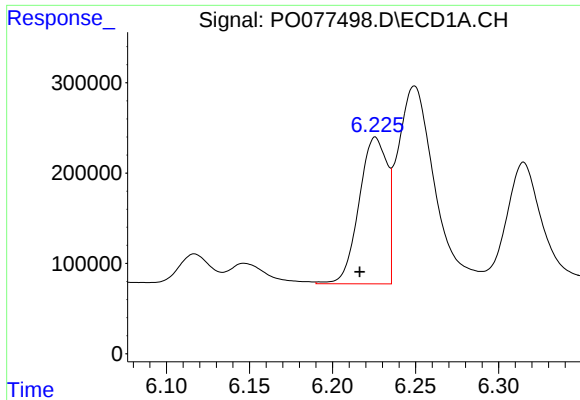
#20 AR-1242-5

R.T.: 7.205 min
Delta R.T.: 0.010 min
Response: 175321
Conc: 63.52 ng/ml



#20 AR-1242-5

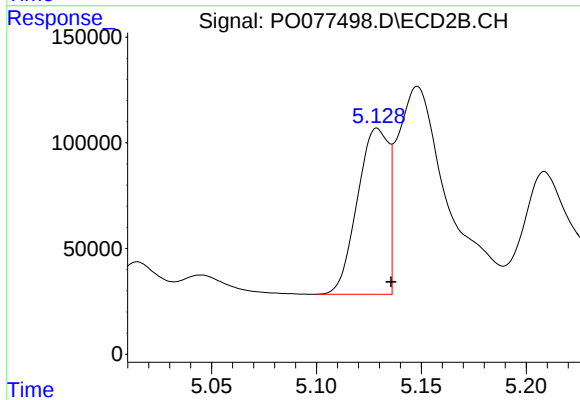
R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 659661
Conc: 429.78 ng/ml



#21 AR-1248-1

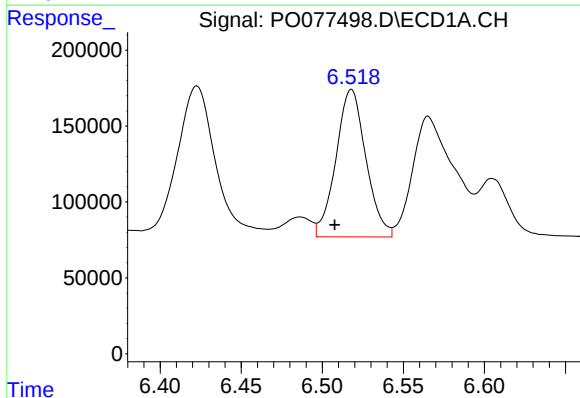
R.T.: 6.226 min
Delta R.T.: 0.010 min
Response: 1912475
Conc: 871.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



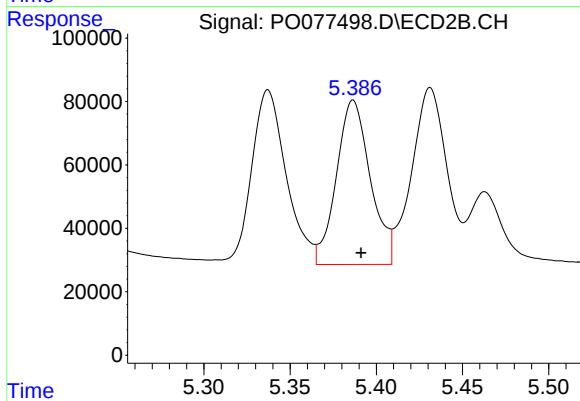
#21 AR-1248-1

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 808752
Conc: 924.99 ng/ml



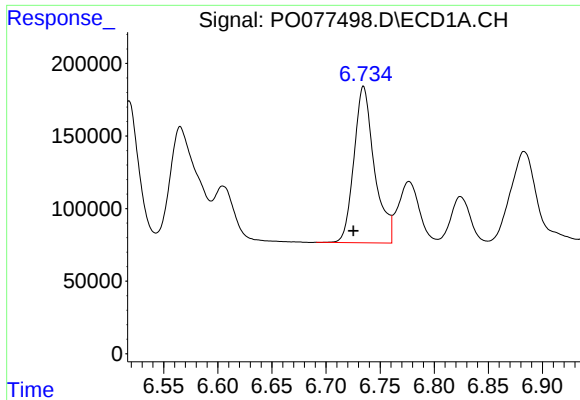
#22 AR-1248-2

R.T.: 6.518 min
Delta R.T.: 0.010 min
Response: 1249794
Conc: 365.21 ng/ml



#22 AR-1248-2

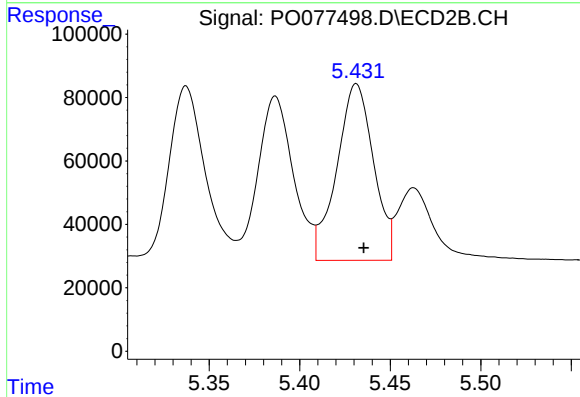
R.T.: 5.387 min
Delta R.T.: -0.005 min
Response: 708757
Conc: 396.87 ng/ml



#23 AR-1248-3

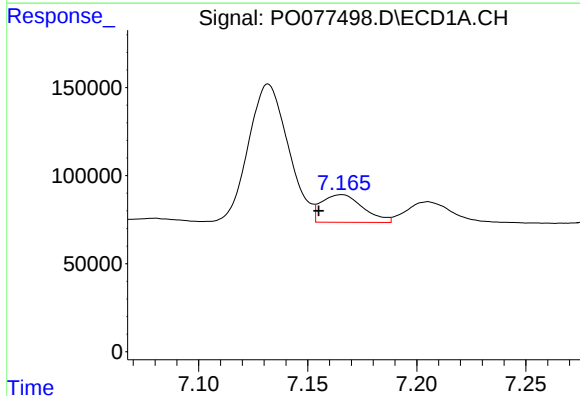
R.T.: 6.735 min
Delta R.T.: 0.009 min
Response: 1415037
Conc: 353.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



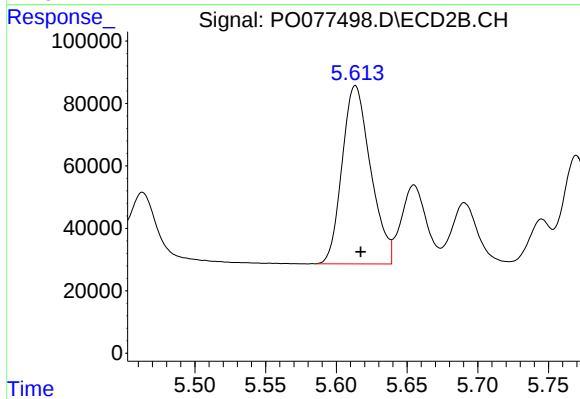
#23 AR-1248-3

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 785095
Conc: 459.14 ng/ml



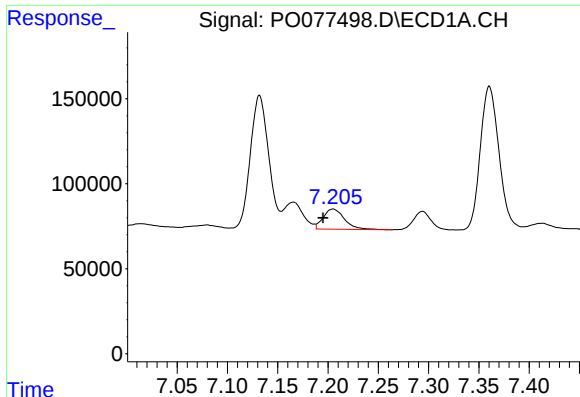
#24 AR-1248-4

R.T.: 7.166 min
Delta R.T.: 0.010 min
Response: 207974
Conc: 44.90 ng/ml



#24 AR-1248-4

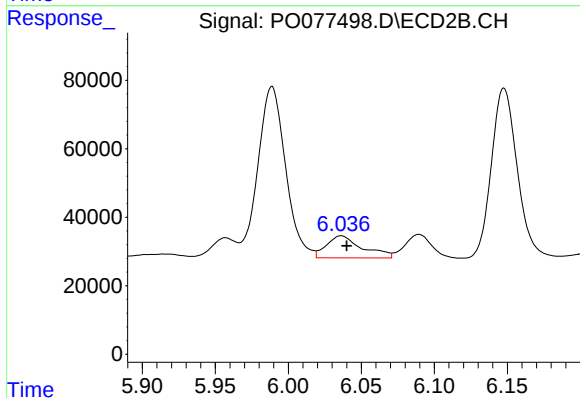
R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 800281
Conc: 396.83 ng/ml



#25 AR-1248-5

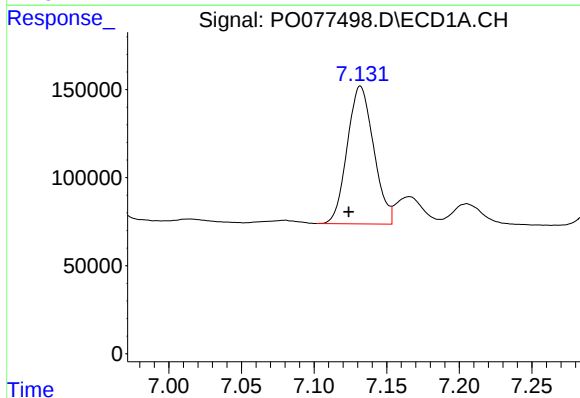
R.T.: 7.205 min
Delta R.T.: 0.010 min
Response: 175321
Conc: 37.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



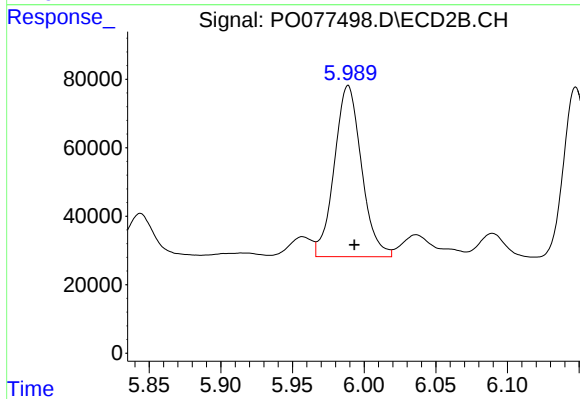
#25 AR-1248-5

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 109637
Conc: 48.01 ng/ml



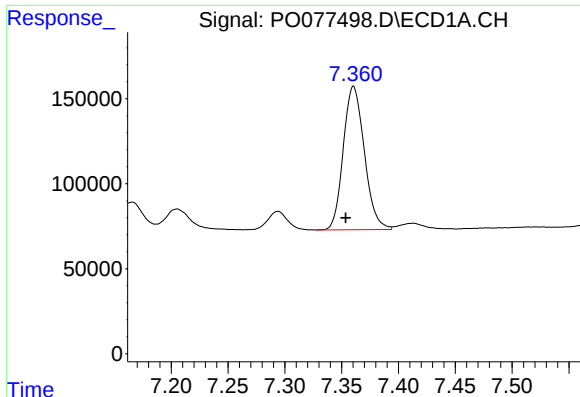
#26 AR-1254-1

R.T.: 7.132 min
Delta R.T.: 0.008 min
Response: 991151
Conc: 210.25 ng/ml



#26 AR-1254-1

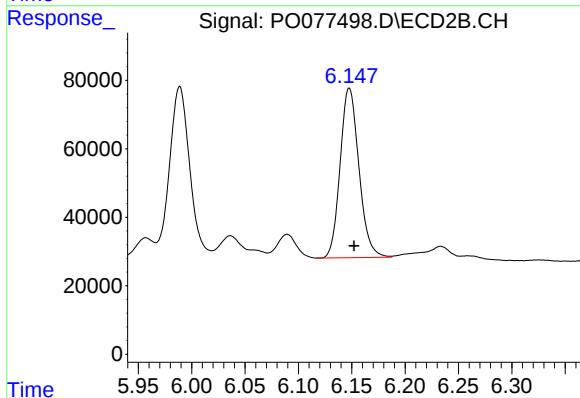
R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 659661
Conc: 213.47 ng/ml



#27 AR-1254-2

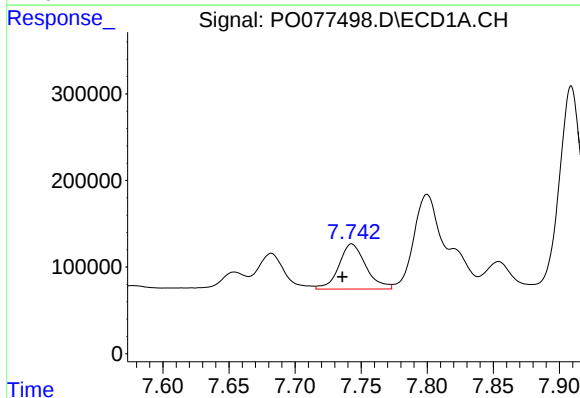
R.T.: 7.360 min
Delta R.T.: 0.007 min
Response: 1089994
Conc: 146.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



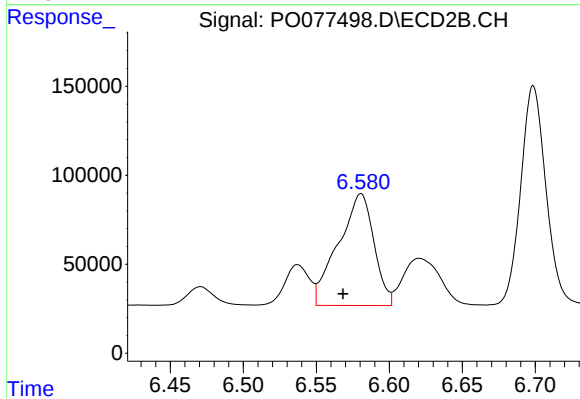
#27 AR-1254-2

R.T.: 6.148 min
Delta R.T.: -0.004 min
Response: 606571
Conc: 218.86 ng/ml



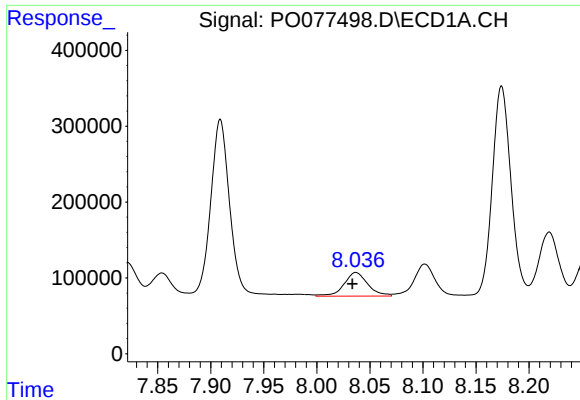
#28 AR-1254-3

R.T.: 7.743 min
Delta R.T.: 0.007 min
Response: 741037
Conc: 95.50 ng/ml



#28 AR-1254-3

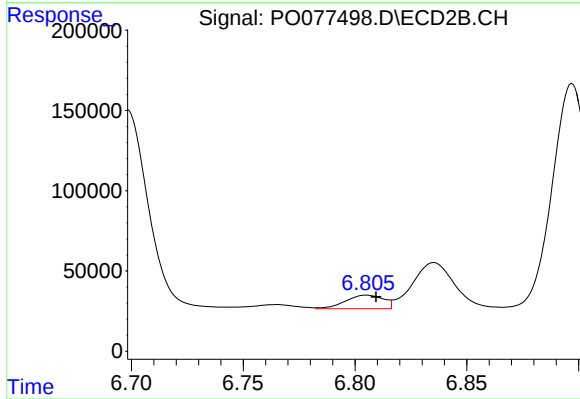
R.T.: 6.581 min
Delta R.T.: 0.012 min
Response: 1067373
Conc: 261.88 ng/ml



#29 AR-1254-4

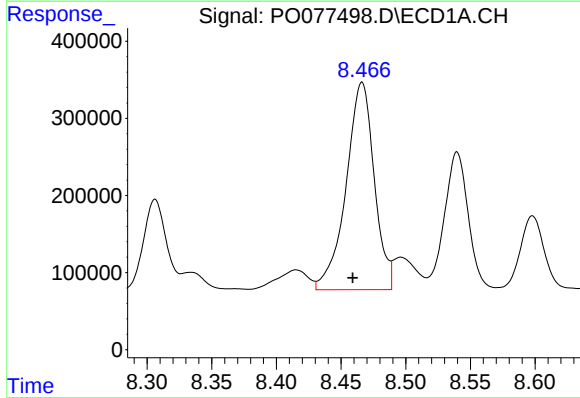
R.T.: 8.037 min
Delta R.T.: 0.003 min
Response: 488431
Conc: 84.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



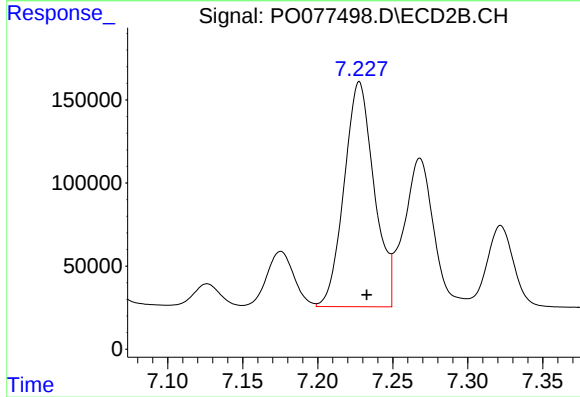
#29 AR-1254-4

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 99547
Conc: 43.58 ng/ml



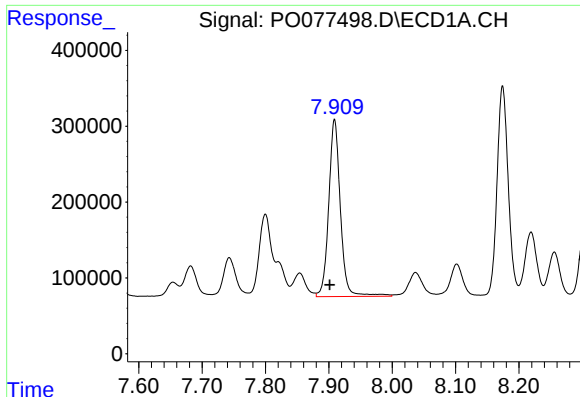
#30 AR-1254-5

R.T.: 8.466 min
Delta R.T.: 0.007 min
Response: 4076942
Conc: 650.41 ng/ml



#30 AR-1254-5

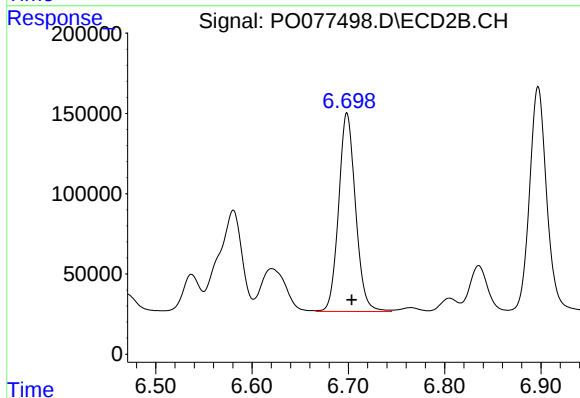
R.T.: 7.228 min
Delta R.T.: -0.005 min
Response: 1884049
Conc: 513.76 ng/ml



#31 AR-1260-1

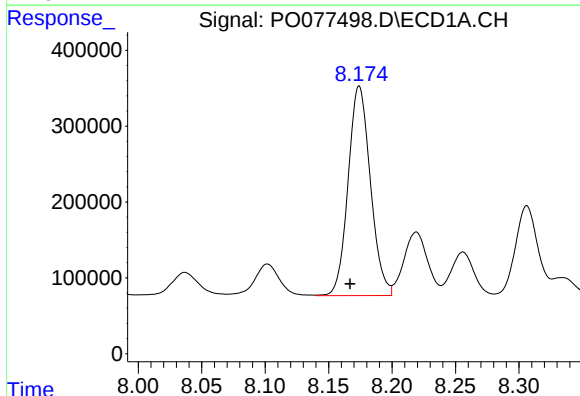
R.T.: 7.909 min
Delta R.T.: 0.007 min
Response: 2993546
Conc: 484.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



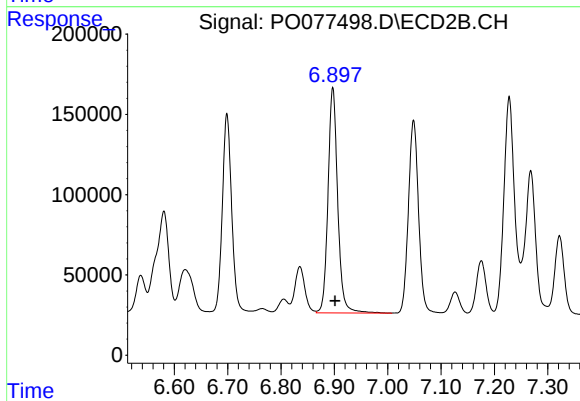
#31 AR-1260-1

R.T.: 6.699 min
Delta R.T.: -0.005 min
Response: 1503485
Conc: 477.78 ng/ml



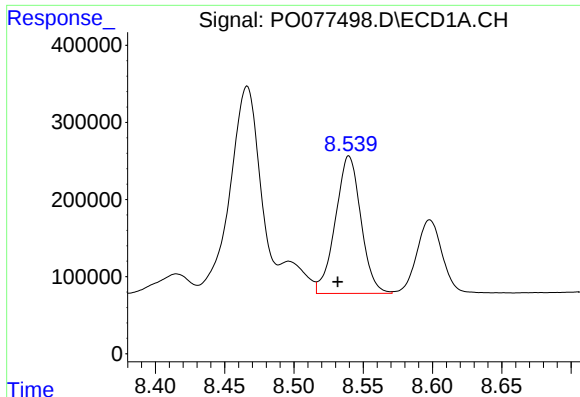
#32 AR-1260-2

R.T.: 8.174 min
Delta R.T.: 0.007 min
Response: 3379548
Conc: 451.17 ng/ml



#32 AR-1260-2

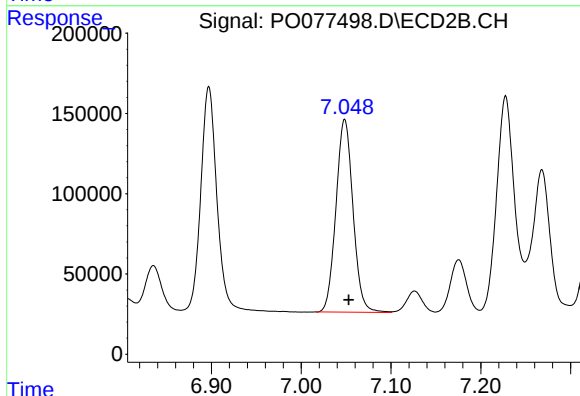
R.T.: 6.897 min
Delta R.T.: -0.004 min
Response: 1770627
Conc: 476.15 ng/ml



#33 AR-1260-3

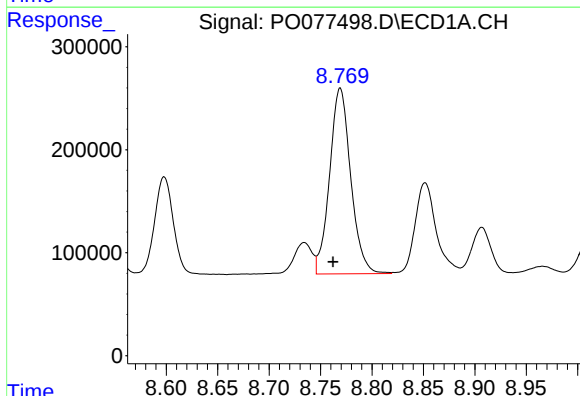
R.T.: 8.540 min
Delta R.T.: 0.008 min
Response: 2286010
Conc: 456.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



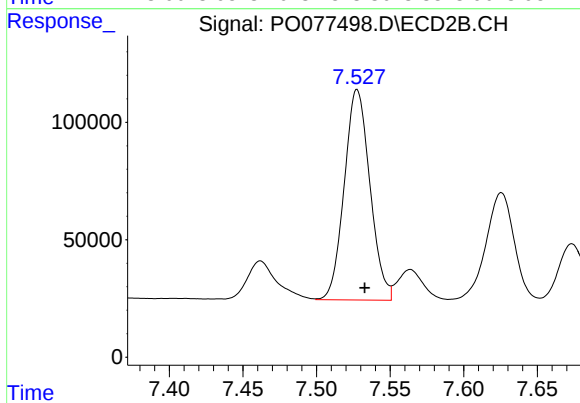
#33 AR-1260-3

R.T.: 7.048 min
Delta R.T.: -0.004 min
Response: 1583568
Conc: 460.37 ng/ml



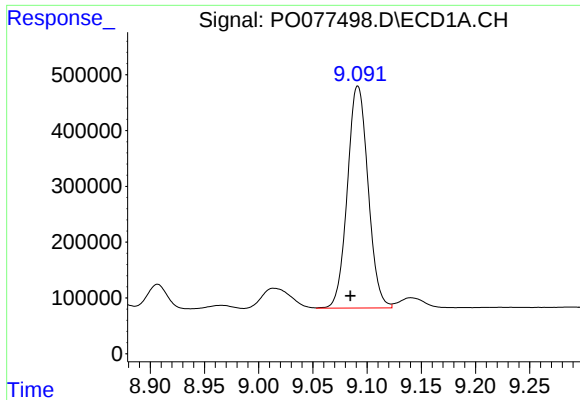
#34 AR-1260-4

R.T.: 8.769 min
Delta R.T.: 0.007 min
Response: 2579784
Conc: 471.09 ng/ml



#34 AR-1260-4

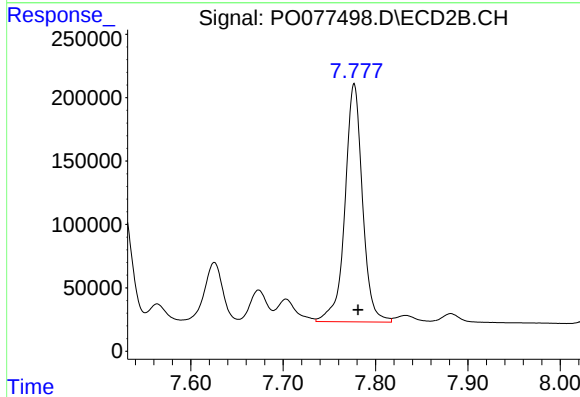
R.T.: 7.528 min
Delta R.T.: -0.005 min
Response: 1088435
Conc: 455.55 ng/ml



#35 AR-1260-5

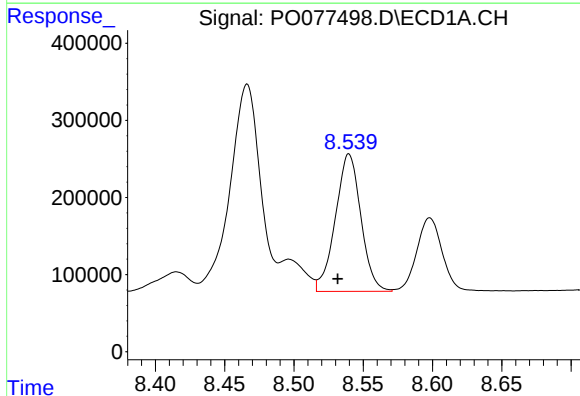
R.T.: 9.091 min
Delta R.T.: 0.007 min
Response: 5294701
Conc: 488.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



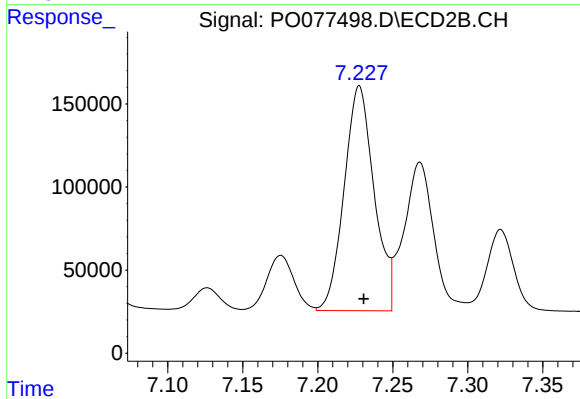
#35 AR-1260-5

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 2479097
Conc: 473.03 ng/ml



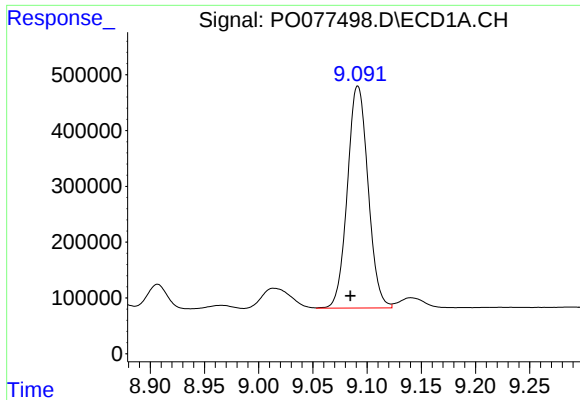
#36 AR-1262-1

R.T.: 8.540 min
Delta R.T.: 0.008 min
Response: 2286010
Conc: 286.84 ng/ml



#36 AR-1262-1

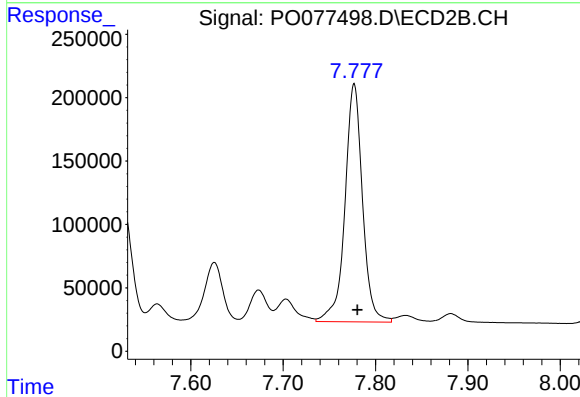
R.T.: 7.228 min
Delta R.T.: -0.003 min
Response: 1884049
Conc: 1015.44 ng/ml



#37 AR-1262-2

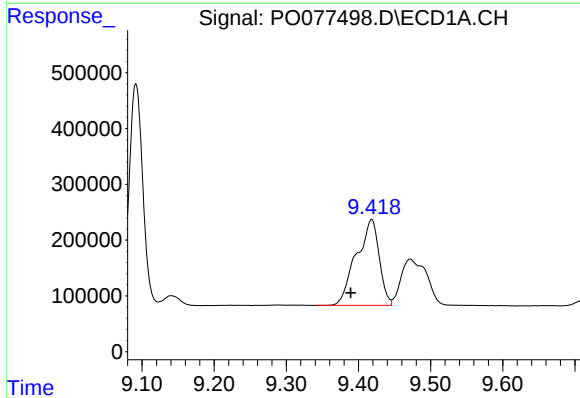
R.T.: 9.091 min
Delta R.T.: 0.007 min
Response: 5294701
Conc: 404.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



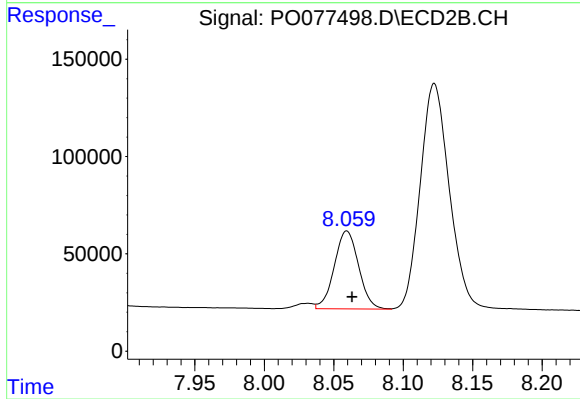
#37 AR-1262-2

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 2479097
Conc: 419.80 ng/ml



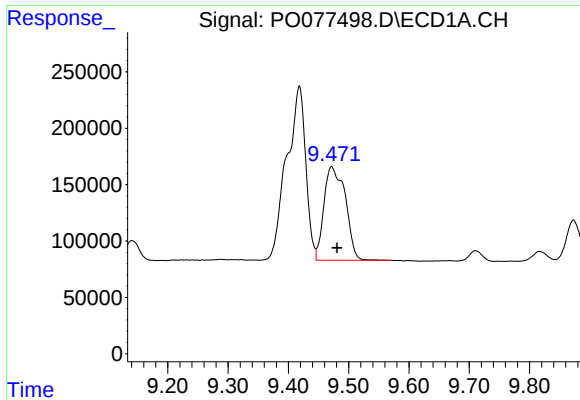
#38 AR-1262-3

R.T.: 9.418 min
Delta R.T.: 0.029 min
Response: 3389247
Conc: 388.36 ng/ml



#38 AR-1262-3

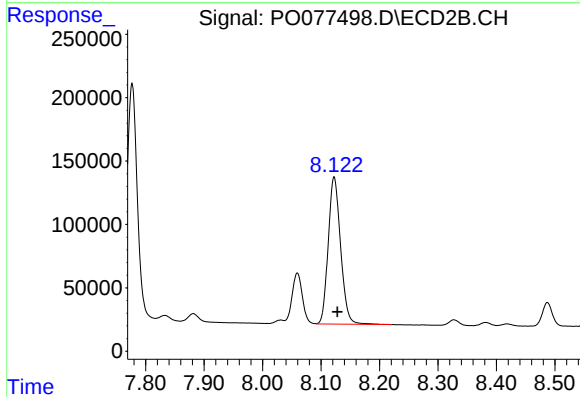
R.T.: 8.059 min
Delta R.T.: -0.004 min
Response: 488113
Conc: 213.11 ng/ml



#39 AR-1262-4

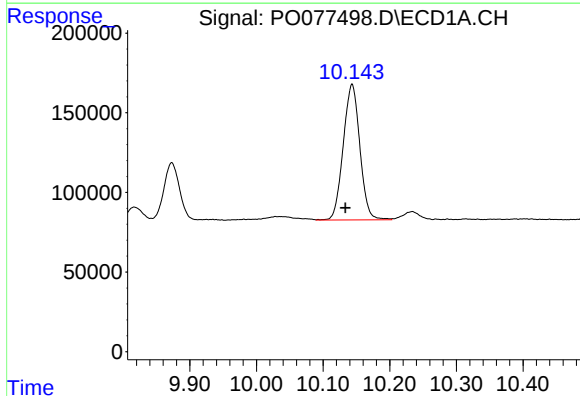
R.T.: 9.472 min
Delta R.T.: -0.009 min
Response: 2046920
Conc: 293.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



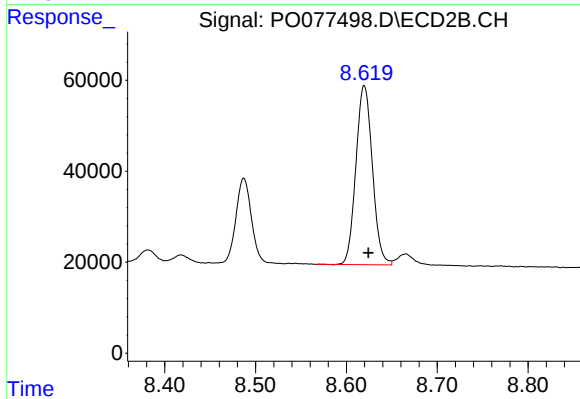
#39 AR-1262-4

R.T.: 8.122 min
Delta R.T.: -0.005 min
Response: 1704162
Conc: 415.48 ng/ml



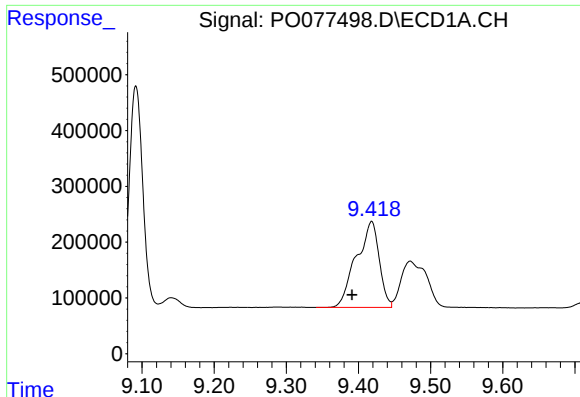
#40 AR-1262-5

R.T.: 10.143 min
Delta R.T.: 0.010 min
Response: 1476838
Conc: 315.57 ng/ml



#40 AR-1262-5

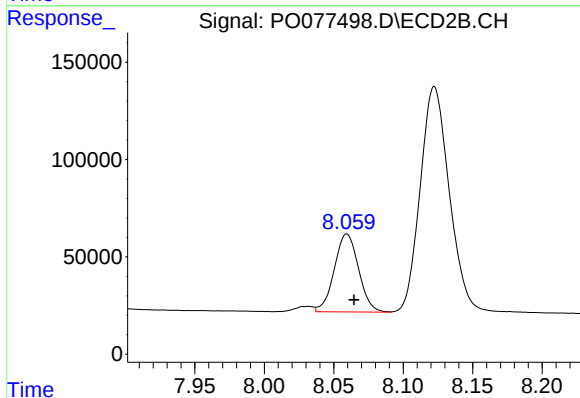
R.T.: 8.620 min
Delta R.T.: -0.004 min
Response: 495685
Conc: 291.99 ng/ml



#41 AR-1268-1

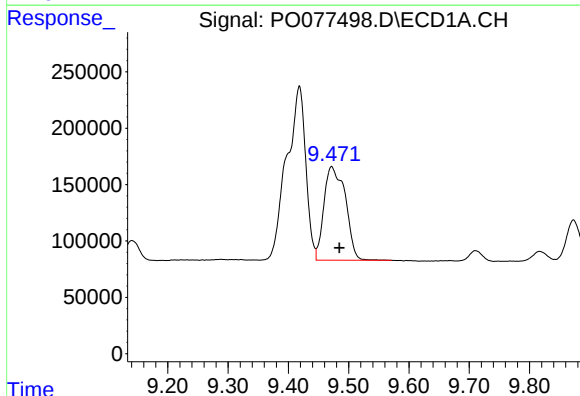
R.T.: 9.418 min
Delta R.T.: 0.027 min
Response: 3389247
Conc: 211.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



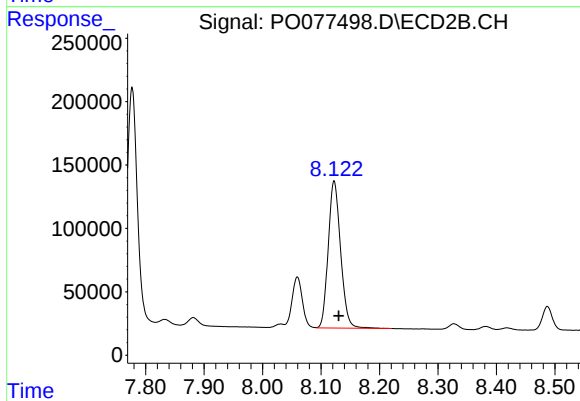
#41 AR-1268-1

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 488113
Conc: 74.85 ng/ml



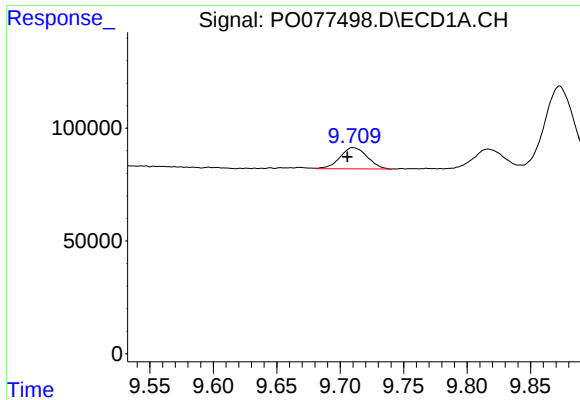
#42 AR-1268-2

R.T.: 9.472 min
Delta R.T.: -0.013 min
Response: 2046920
Conc: 137.21 ng/ml



#42 AR-1268-2

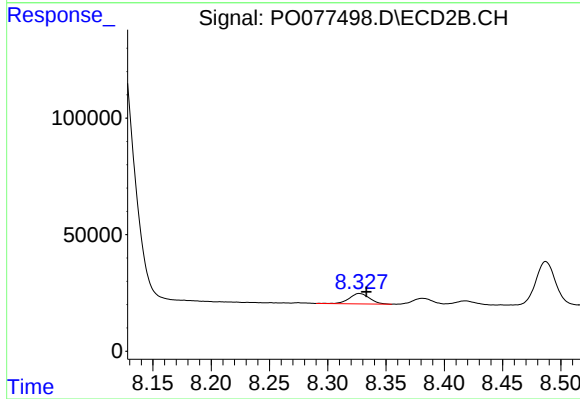
R.T.: 8.122 min
Delta R.T.: -0.008 min
Response: 1704162
Conc: 292.16 ng/ml



#43 AR-1268-3

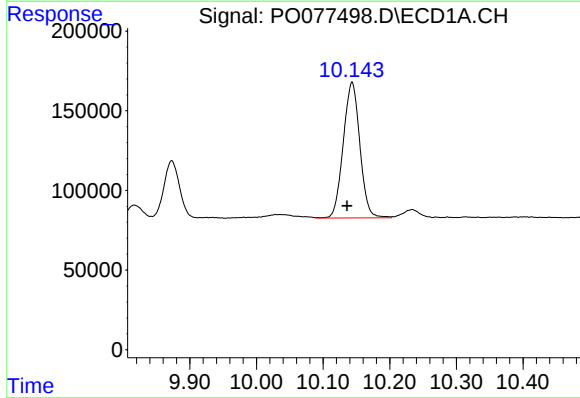
R.T.: 9.710 min
Delta R.T.: 0.005 min
Response: 140806
Conc: 10.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



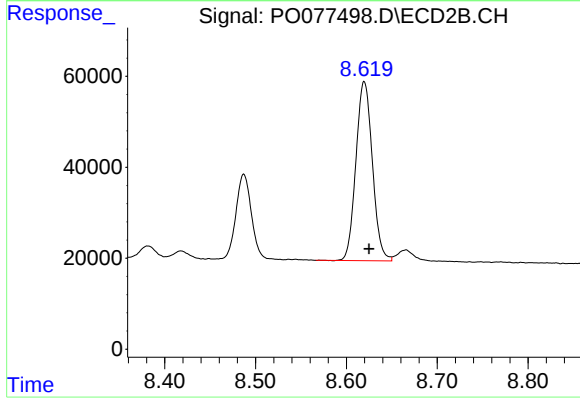
#43 AR-1268-3

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 53413
Conc: 11.04 ng/ml



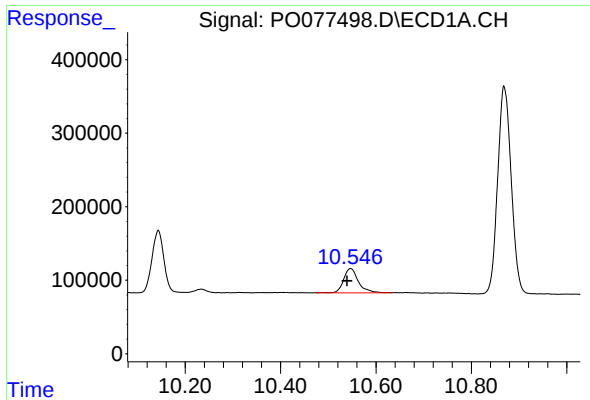
#44 AR-1268-4

R.T.: 10.143 min
Delta R.T.: 0.008 min
Response: 1476838
Conc: 294.55 ng/ml



#44 AR-1268-4

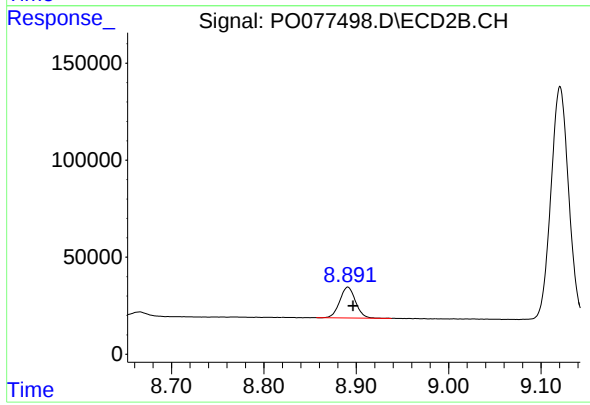
R.T.: 8.620 min
Delta R.T.: -0.005 min
Response: 495685
Conc: 257.67 ng/ml



#45 AR-1268-5

R.T.: 10.547 min
Delta R.T.: 0.008 min
Response: 704508
Conc: 17.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.891 min
Delta R.T.: -0.005 min
Response: 188678
Conc: 15.18 ng/ml