

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP032621\
 Data File : PP034439.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Mar 2021 22:42
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 00:21:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 20 01:42:16 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...	4.848	4.259	3608457	2065439	42.954	46.674
2)	SA Decachlor...	10.773	9.571	3761340	1392048	47.929	52.751
Target Compounds							
3)	L1 AR-1016-1	6.161	5.514	1095139	538684	435.409	470.307
4)	L1 AR-1016-2	6.184	5.535	1646585	797303	434.897	473.645
5)	L1 AR-1016-3	6.250	5.728	1022673	443573	434.485	491.534
6)	L1 AR-1016-4	6.356	5.776	820044	360184	431.143	490.502
7)	L1 AR-1016-5	6.670	6.007	772426	446601	399.985	472.751
8)	L2 AR-1221-1	5.094	4.514	118569	62917	130.582	134.127
9)	L2 AR-1221-2	5.195	4.615	179376	93679	260.638	264.163
10)	L2 AR-1221-3	5.282	4.704	624076	347007	301.046	325.361
11)	L3 AR-1232-1	5.282	4.704	624076	347007	380.763	399.554
12)	L3 AR-1232-2	5.867	5.535	879783	797303	1028.680	1093.092
13)	L3 AR-1232-3	6.184	5.728	1646585	443573	1058.700	1136.099
14)	L3 AR-1232-4	6.356	5.821	820044	441118	1050.860	1270.991
15)	L3 AR-1232-5	6.455	6.007	652129	446601	1191.031	1221.117
16)	L4 AR-1242-1	6.161	5.514	1095139	538684	549.582	591.410
17)	L4 AR-1242-2	6.184	5.535	1646585	797303	553.791	607.416
18)	L4 AR-1242-3	6.250	5.728	1022673	443573	549.578	610.052
19)	L4 AR-1242-4	6.356	5.821	820044	441118	543.971	608.928
20)	L4 AR-1242-5	7.136	6.384	129629	323778	85.028	412.537 #
21)	L5 AR-1248-1	6.161	5.514	1095139	538684	732.471	783.093
22)	L5 AR-1248-2	6.455	5.776	652129	360184	310.768	360.692
23)	L5 AR-1248-3	6.670	5.821	772426	441118	303.309	418.292 #
24)	L5 AR-1248-4	7.097	6.007	143561	446601	55.564	363.924 #
25)	L5 AR-1248-5	7.136	6.427	129629	51216	49.952	50.726
26)	L6 AR-1254-1	7.067	6.384	511377	323778	186.840	193.083
27)	L6 AR-1254-2	7.295	6.540	669477	292800	160.776	201.906 #
28)	L6 AR-1254-3	7.675	6.977	456242	550450	105.047	240.358 #
29)	L6 AR-1254-4	7.969	7.197	344887	70636	118.798	59.073 #
30)	L6 AR-1254-5	8.398	7.624	2145417	924001	642.677	500.419
31)	L7 AR-1260-1	7.842	7.096	1657169	721392	519.921	462.744
32)	L7 AR-1260-2	8.108	7.290	1881280	860176	500.612	480.734
33)	L7 AR-1260-3	8.472	7.446	1432347	804471	469.328	475.426
34)	L7 AR-1260-4	8.702	7.925	1575877	675212	452.636	474.247
35)	L7 AR-1260-5	9.021	8.169	3200664	1557669	467.539	501.634
36)	L8 AR-1262-1	8.472	7.624	1432347	924001	321.084	915.053 #
37)	L8 AR-1262-2	9.021	8.169	3200664	1557669	422.255	482.587
38)	L8 AR-1262-3	9.343	8.454	2067268	358165	387.765	261.421 #
39)	L8 AR-1262-4	9.395f	8.517	1403250	1168956	325.608	482.731 #
40)	L8 AR-1262-5	10.055	9.015	1163161	445452	409.555	423.695
41)	L9 AR-1268-1	9.343	8.454	2067268	358165	207.582	90.486 #

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 Acq On : 26 Mar 2021 22:42
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

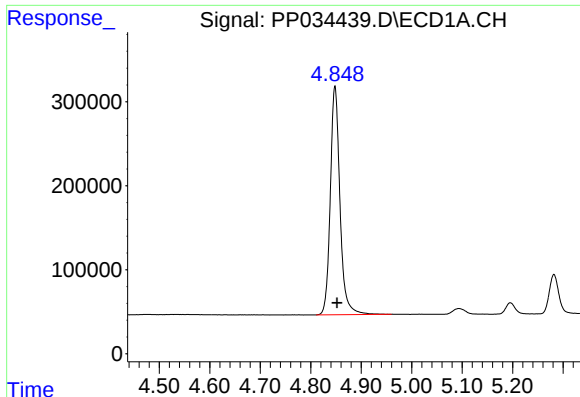
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 00:21:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.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	9.395f	8.517	1403250	1168956	150.393	316.670 #
43) L9	AR-1268-3	9.630	8.725	51003	23356	5.735	6.855
44) L9	AR-1268-4	10.055	9.015	1163161	445452	373.643	370.168
45) L9	AR-1268-5	10.452	9.311	319234	131026	11.553	14.054

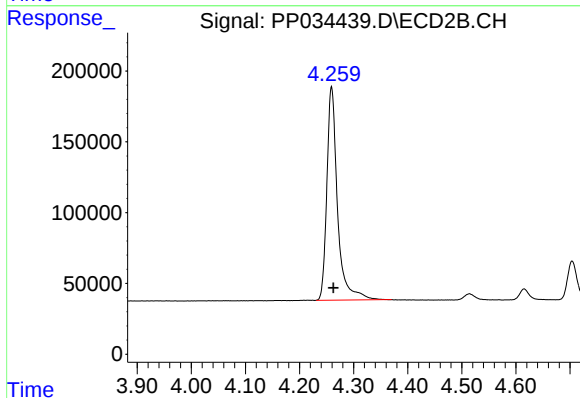
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

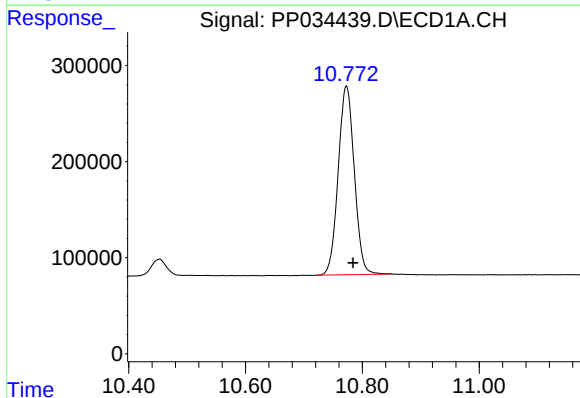
R.T.: 4.848 min
Delta R.T.: -0.004 min
Response: 3608457
Conc: 42.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



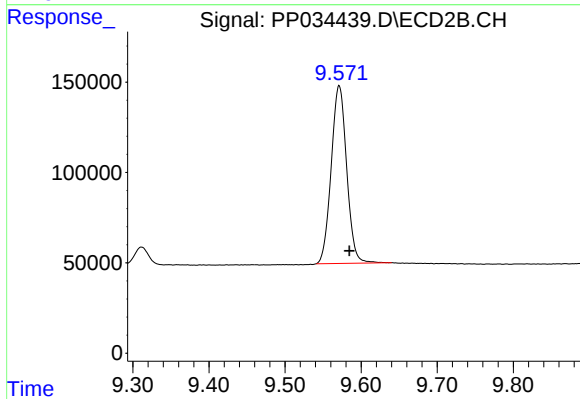
#1 Tetrachloro-m-xylene

R.T.: 4.259 min
Delta R.T.: -0.004 min
Response: 2065439
Conc: 46.67 ng/ml



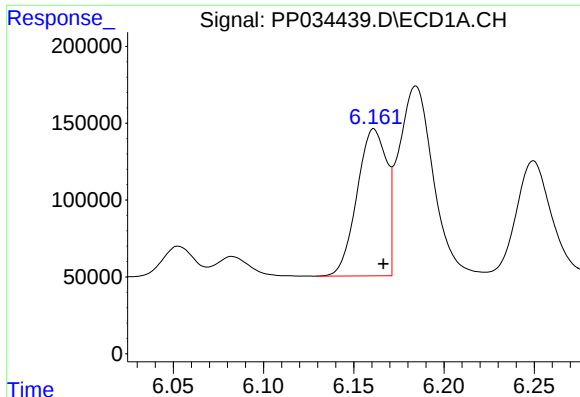
#2 Decachlorobiphenyl

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 3761340
Conc: 47.93 ng/ml



#2 Decachlorobiphenyl

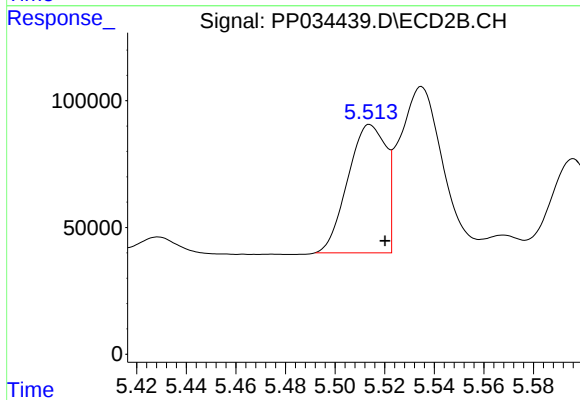
R.T.: 9.571 min
Delta R.T.: -0.013 min
Response: 1392048
Conc: 52.75 ng/ml



#3 AR-1016-1

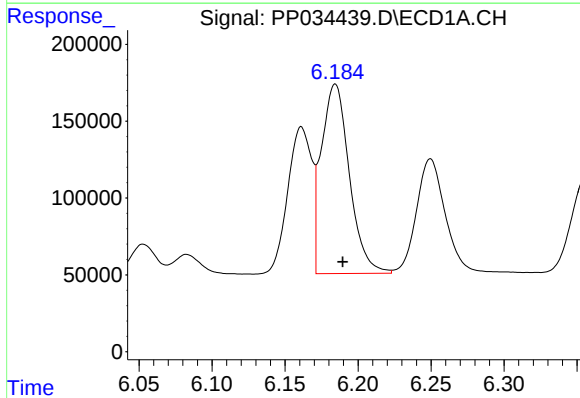
R.T.: 6.161 min
Delta R.T.: -0.005 min
Response: 1095139
Conc: 435.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



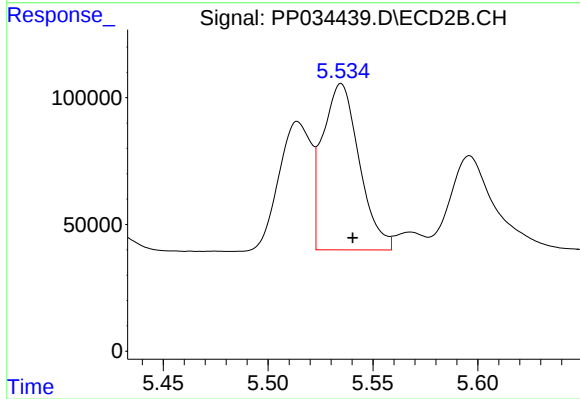
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 538684
Conc: 470.31 ng/ml



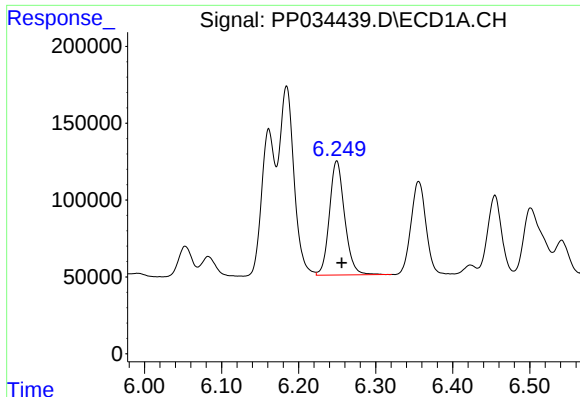
#4 AR-1016-2

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 1646585
Conc: 434.90 ng/ml



#4 AR-1016-2

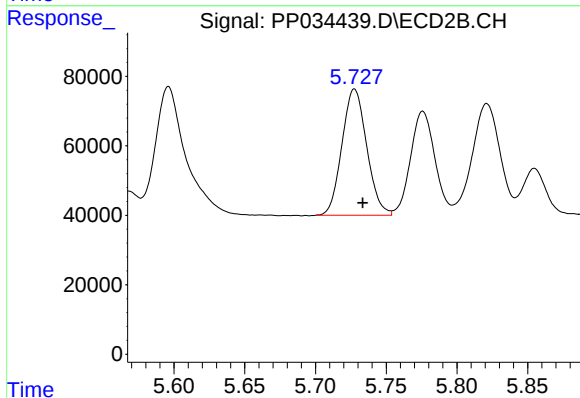
R.T.: 5.535 min
Delta R.T.: -0.006 min
Response: 797303
Conc: 473.65 ng/ml



#5 AR-1016-3

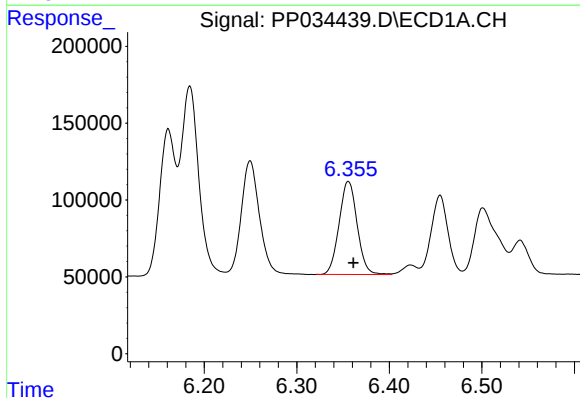
R.T.: 6.250 min
Delta R.T.: -0.006 min
Response: 1022673
Conc: 434.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



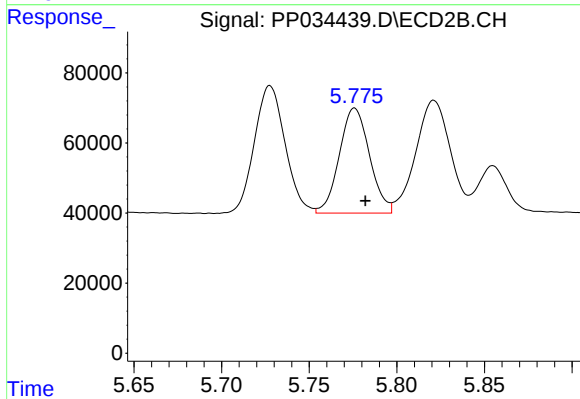
#5 AR-1016-3

R.T.: 5.728 min
Delta R.T.: -0.006 min
Response: 443573
Conc: 491.53 ng/ml



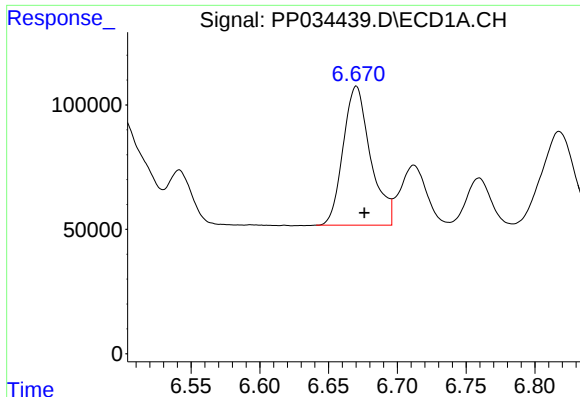
#6 AR-1016-4

R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 820044
Conc: 431.14 ng/ml



#6 AR-1016-4

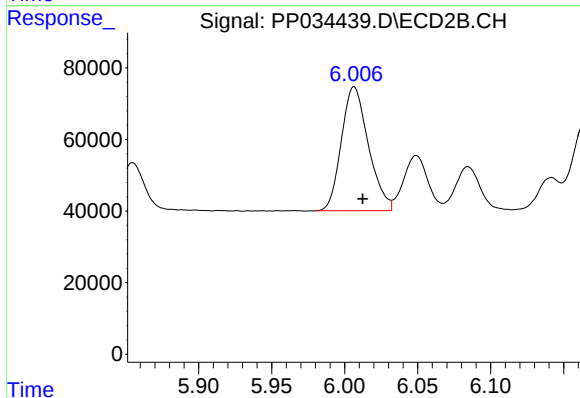
R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 360184
Conc: 490.50 ng/ml



#7 AR-1016-5

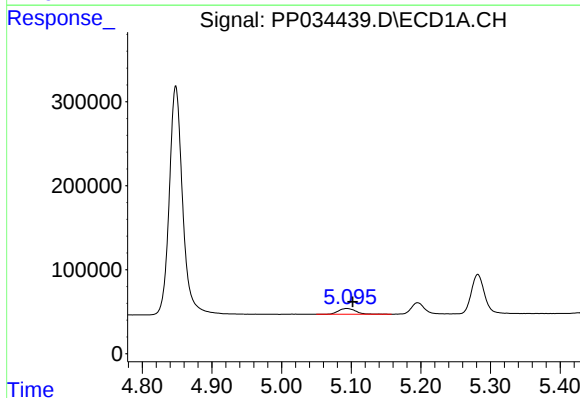
R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 772426
Conc: 399.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



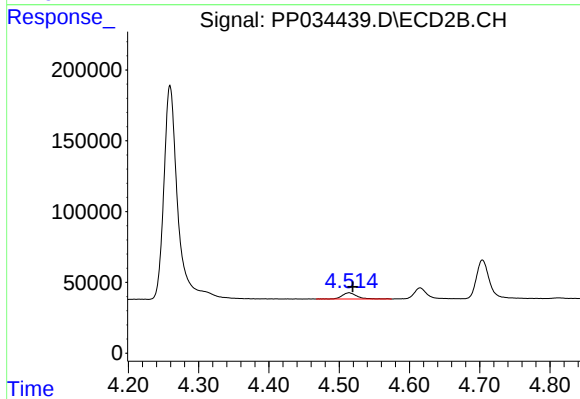
#7 AR-1016-5

R.T.: 6.007 min
Delta R.T.: -0.006 min
Response: 446601
Conc: 472.75 ng/ml



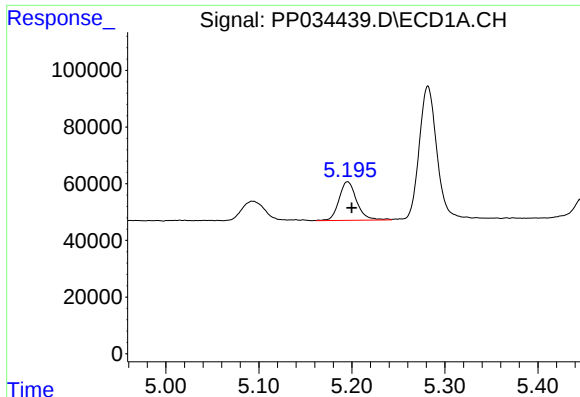
#8 AR-1221-1

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 118569
Conc: 130.58 ng/ml



#8 AR-1221-1

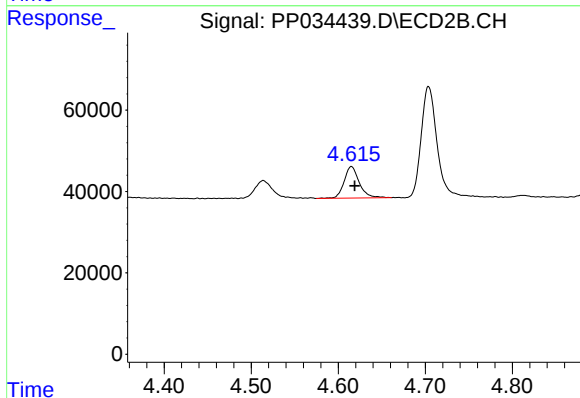
R.T.: 4.514 min
Delta R.T.: -0.005 min
Response: 62917
Conc: 134.13 ng/ml



#9 AR-1221-2

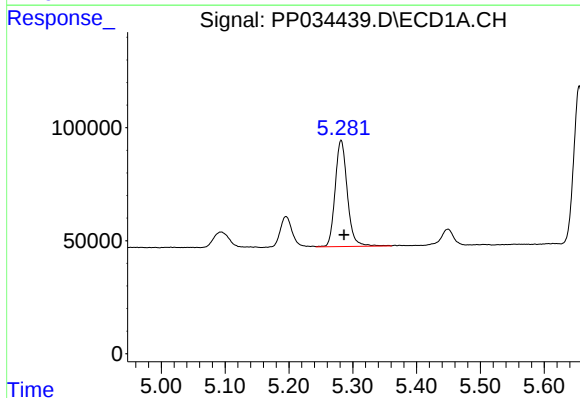
R.T.: 5.195 min
Delta R.T.: -0.005 min
Response: 179376
Conc: 260.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



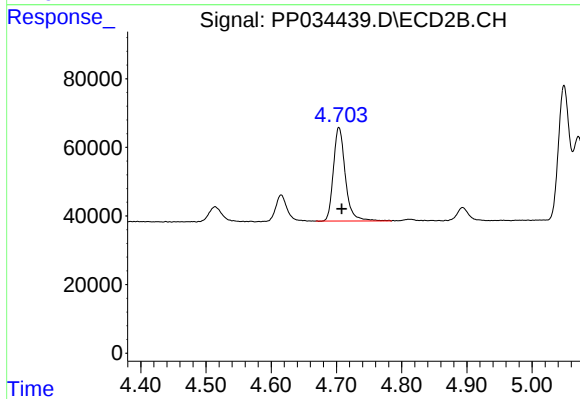
#9 AR-1221-2

R.T.: 4.615 min
Delta R.T.: -0.004 min
Response: 93679
Conc: 264.16 ng/ml



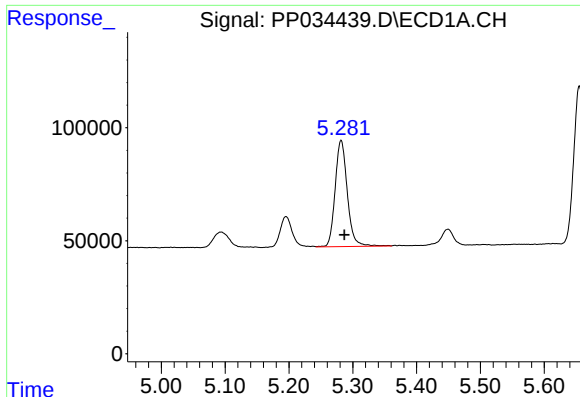
#10 AR-1221-3

R.T.: 5.282 min
Delta R.T.: -0.005 min
Response: 624076
Conc: 301.05 ng/ml



#10 AR-1221-3

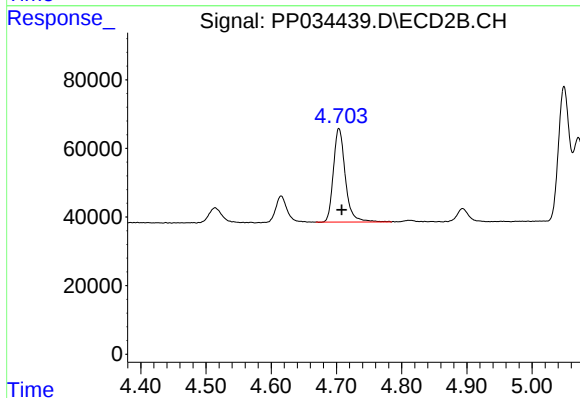
R.T.: 4.704 min
Delta R.T.: -0.004 min
Response: 347007
Conc: 325.36 ng/ml



#11 AR-1232-1

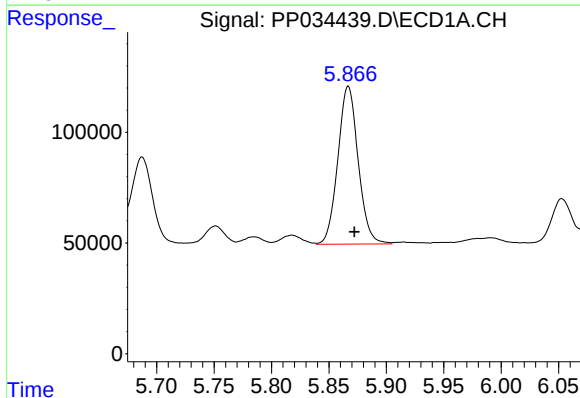
R.T.: 5.282 min
Delta R.T.: -0.005 min
Response: 624076
Conc: 380.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



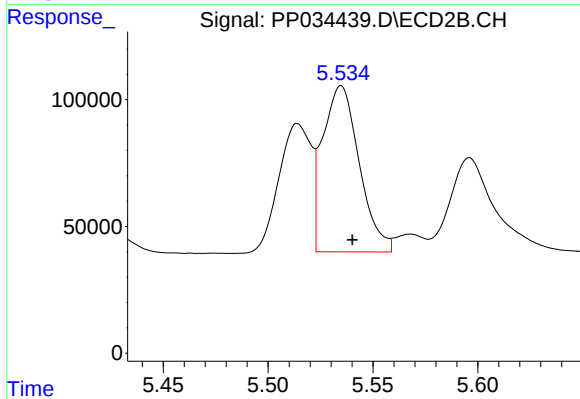
#11 AR-1232-1

R.T.: 4.704 min
Delta R.T.: -0.005 min
Response: 347007
Conc: 399.55 ng/ml



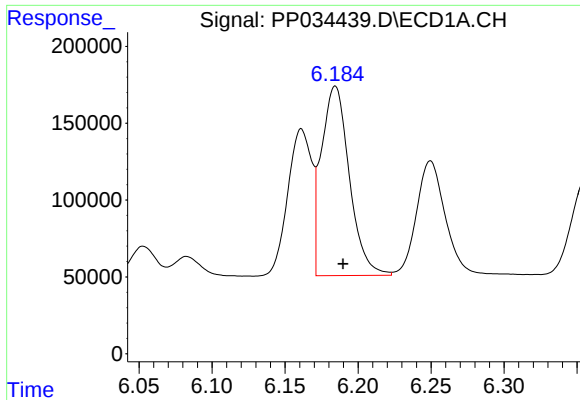
#12 AR-1232-2

R.T.: 5.867 min
Delta R.T.: -0.005 min
Response: 879783
Conc: 1028.68 ng/ml



#12 AR-1232-2

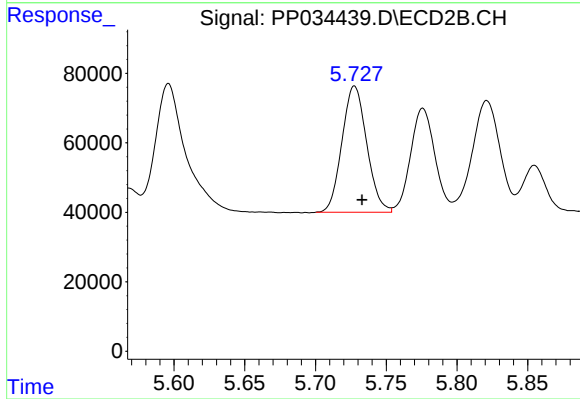
R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 797303
Conc: 1093.09 ng/ml



#13 AR-1232-3

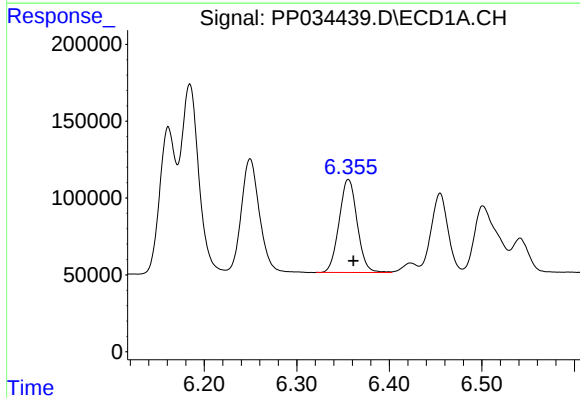
R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 1646585
Conc: 1058.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



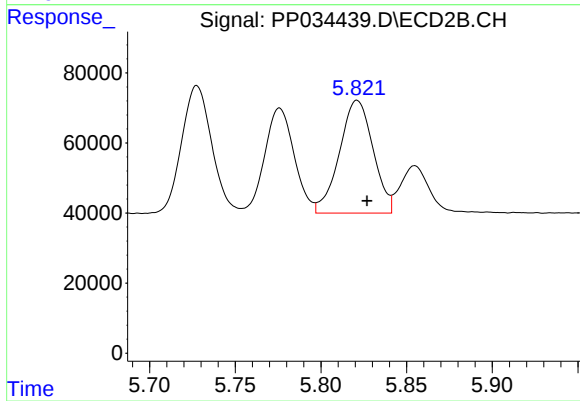
#13 AR-1232-3

R.T.: 5.728 min
Delta R.T.: -0.005 min
Response: 443573
Conc: 1136.10 ng/ml



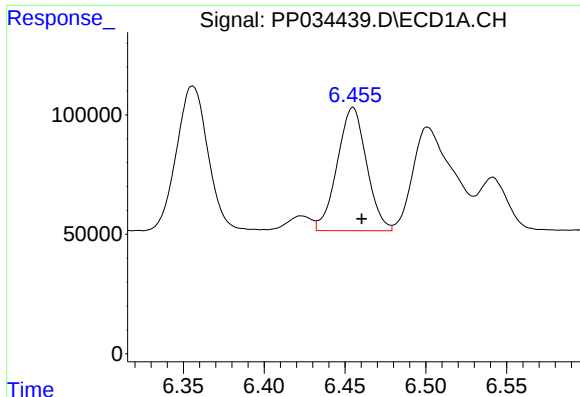
#14 AR-1232-4

R.T.: 6.356 min
Delta R.T.: -0.006 min
Response: 820044
Conc: 1050.86 ng/ml



#14 AR-1232-4

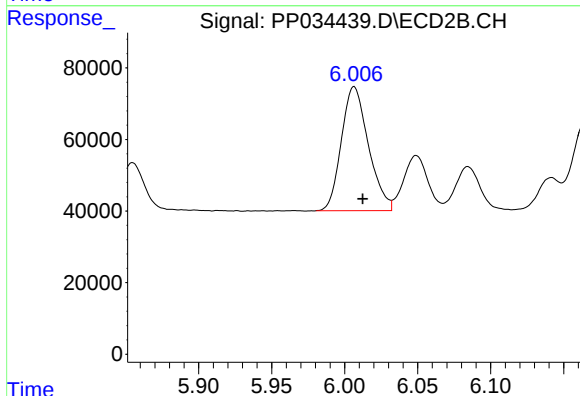
R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 441118
Conc: 1270.99 ng/ml



#15 AR-1232-5

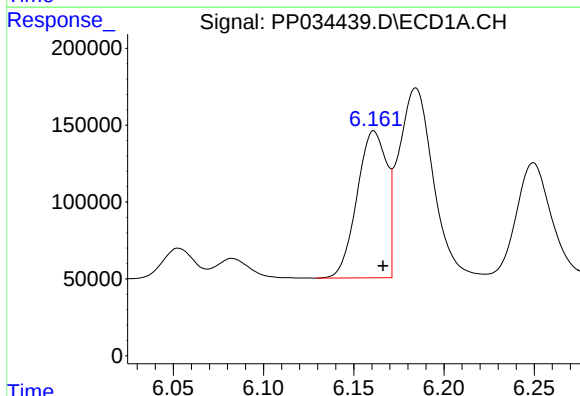
R.T.: 6.455 min
Delta R.T.: -0.005 min
Response: 652129
Conc: 1191.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



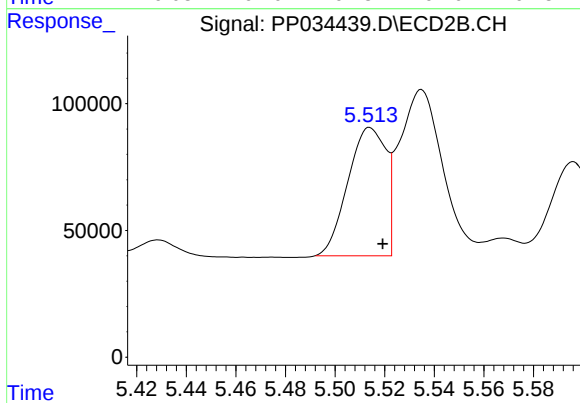
#15 AR-1232-5

R.T.: 6.007 min
Delta R.T.: -0.006 min
Response: 446601
Conc: 1221.12 ng/ml



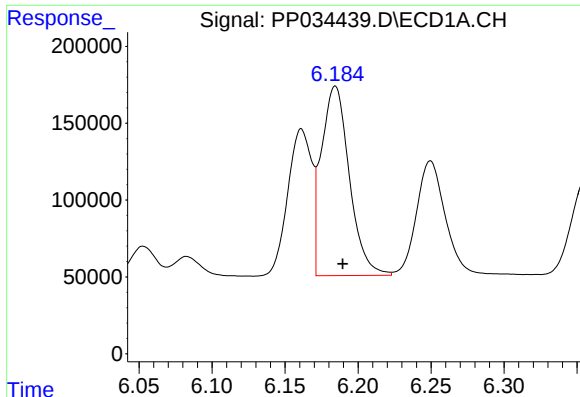
#16 AR-1242-1

R.T.: 6.161 min
Delta R.T.: -0.005 min
Response: 1095139
Conc: 549.58 ng/ml



#16 AR-1242-1

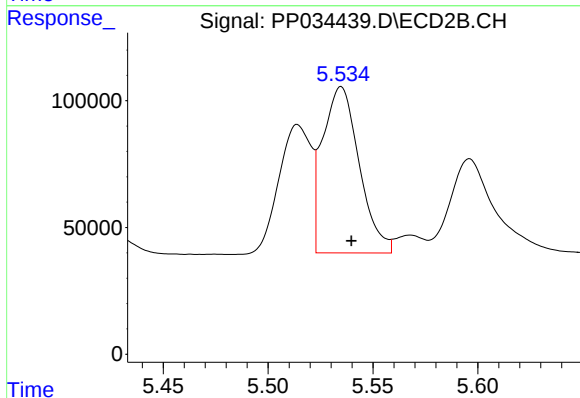
R.T.: 5.514 min
Delta R.T.: -0.005 min
Response: 538684
Conc: 591.41 ng/ml



#17 AR-1242-2

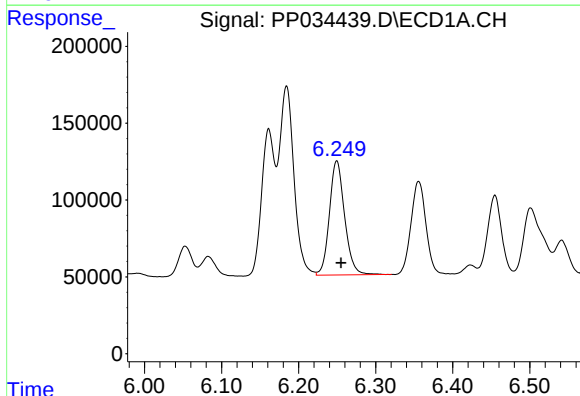
R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 1646585
Conc: 553.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



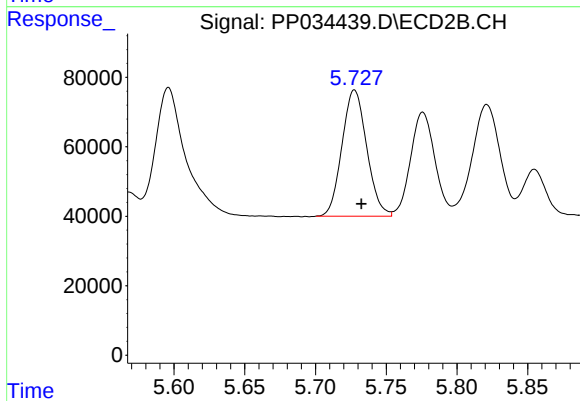
#17 AR-1242-2

R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 797303
Conc: 607.42 ng/ml



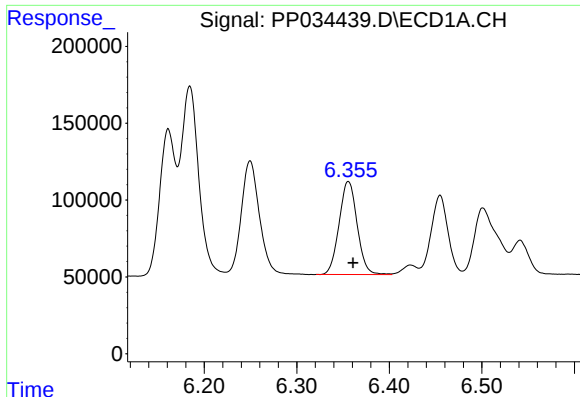
#18 AR-1242-3

R.T.: 6.250 min
Delta R.T.: -0.006 min
Response: 1022673
Conc: 549.58 ng/ml



#18 AR-1242-3

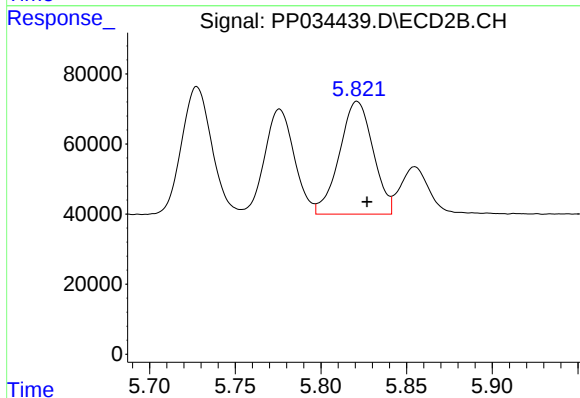
R.T.: 5.728 min
Delta R.T.: -0.005 min
Response: 443573
Conc: 610.05 ng/ml



#19 AR-1242-4

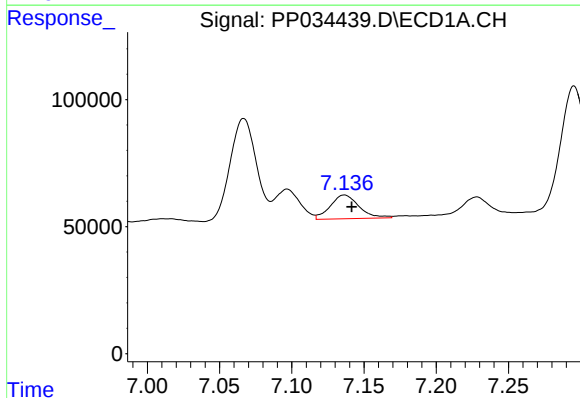
R.T.: 6.356 min
Delta R.T.: -0.005 min
Response: 820044
Conc: 543.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



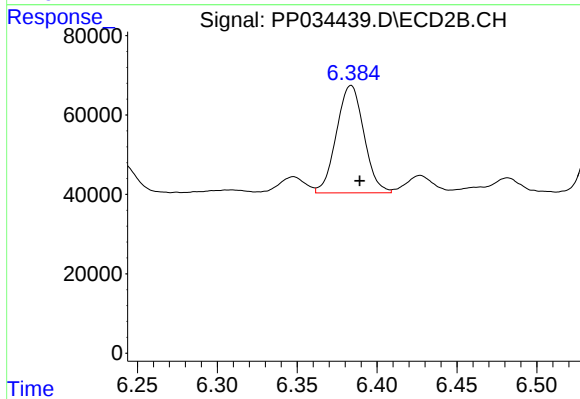
#19 AR-1242-4

R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 441118
Conc: 608.93 ng/ml



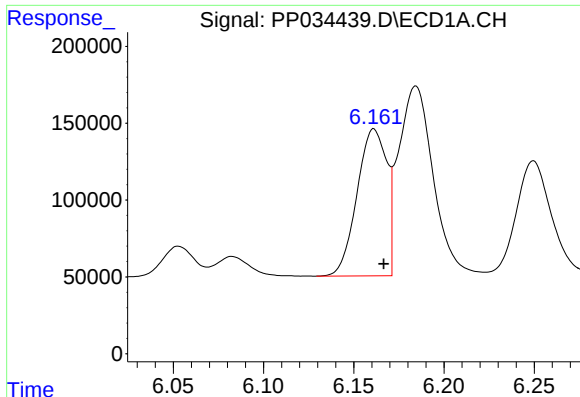
#20 AR-1242-5

R.T.: 7.136 min
Delta R.T.: -0.005 min
Response: 129629
Conc: 85.03 ng/ml



#20 AR-1242-5

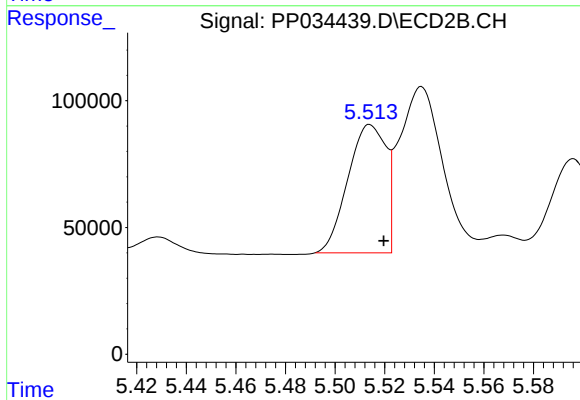
R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 323778
Conc: 412.54 ng/ml



#21 AR-1248-1

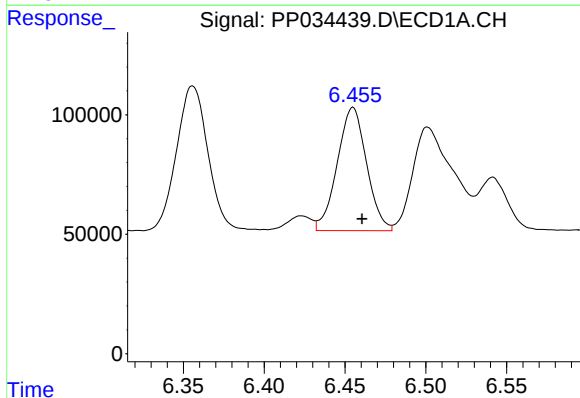
R.T.: 6.161 min
Delta R.T.: -0.005 min
Response: 1095139
Conc: 732.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



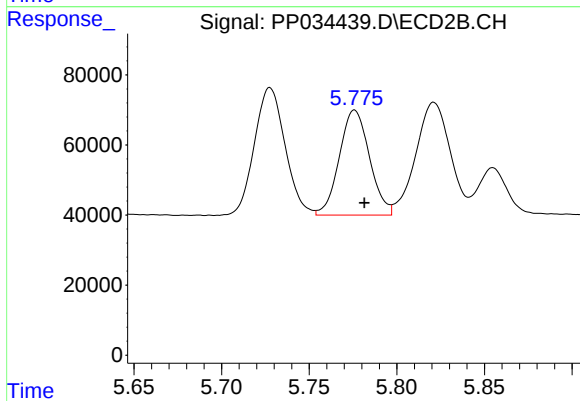
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 538684
Conc: 783.09 ng/ml



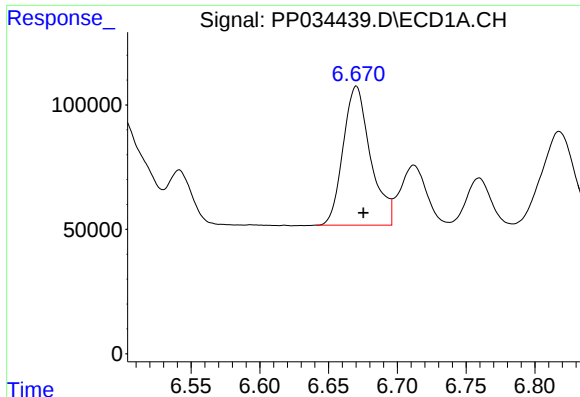
#22 AR-1248-2

R.T.: 6.455 min
Delta R.T.: -0.006 min
Response: 652129
Conc: 310.77 ng/ml



#22 AR-1248-2

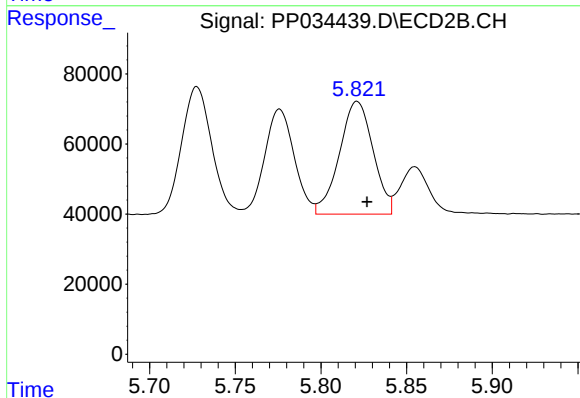
R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 360184
Conc: 360.69 ng/ml



#23 AR-1248-3

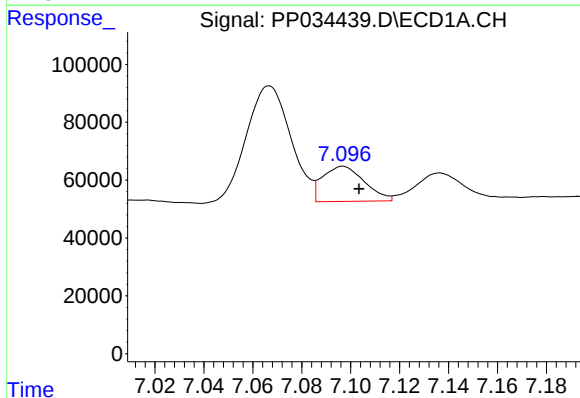
R.T.: 6.670 min
Delta R.T.: -0.005 min
Response: 772426
Conc: 303.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



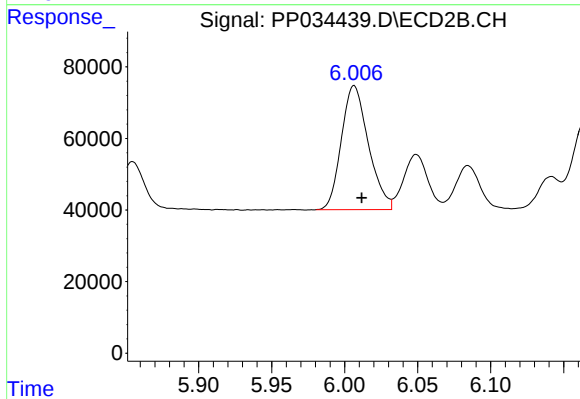
#23 AR-1248-3

R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 441118
Conc: 418.29 ng/ml



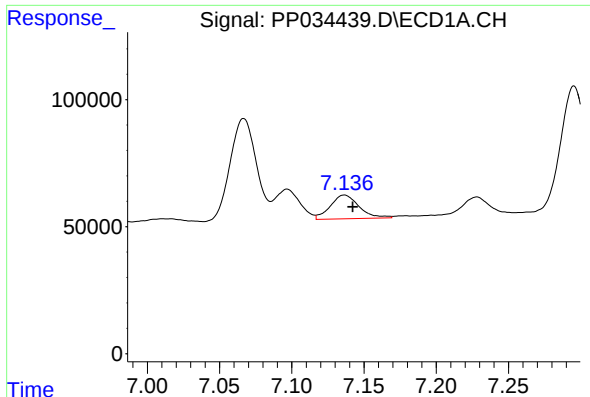
#24 AR-1248-4

R.T.: 7.097 min
Delta R.T.: -0.007 min
Response: 143561
Conc: 55.56 ng/ml



#24 AR-1248-4

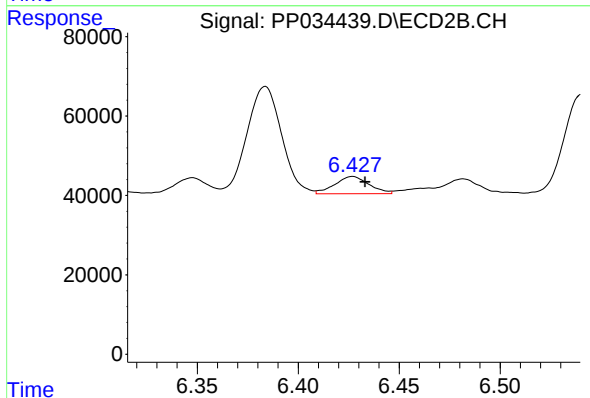
R.T.: 6.007 min
Delta R.T.: -0.005 min
Response: 446601
Conc: 363.92 ng/ml



#25 AR-1248-5

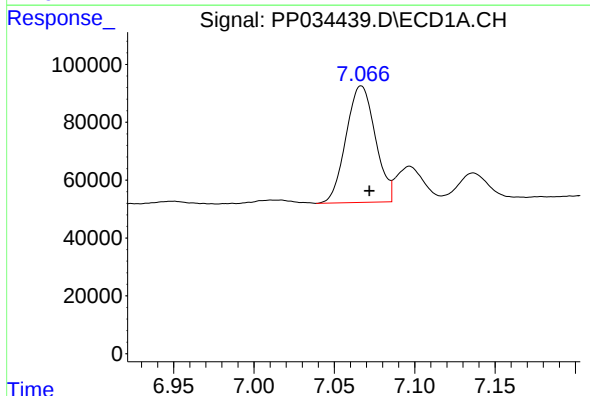
R.T.: 7.136 min
Delta R.T.: -0.006 min
Response: 129629
Conc: 49.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



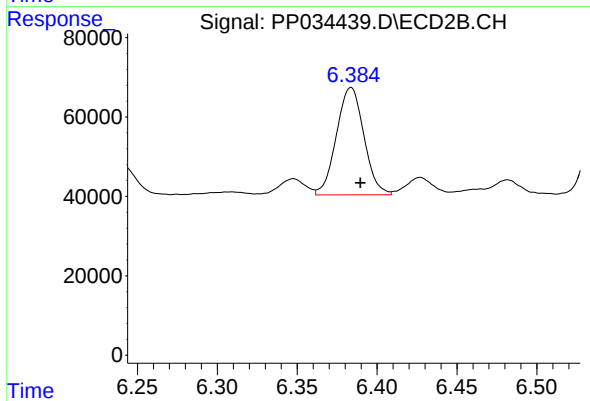
#25 AR-1248-5

R.T.: 6.427 min
Delta R.T.: -0.006 min
Response: 51216
Conc: 50.73 ng/ml



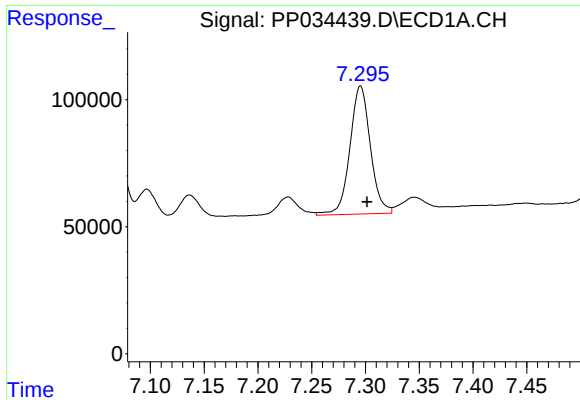
#26 AR-1254-1

R.T.: 7.067 min
Delta R.T.: -0.005 min
Response: 511377
Conc: 186.84 ng/ml



#26 AR-1254-1

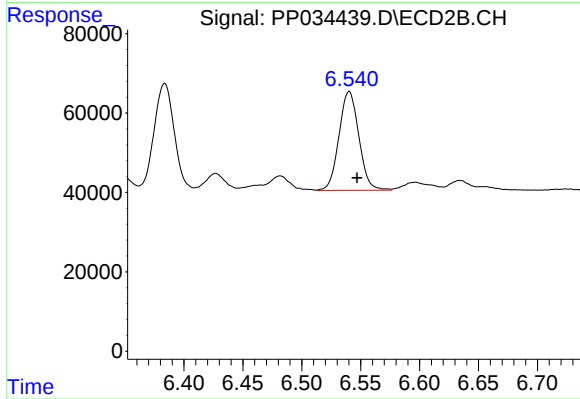
R.T.: 6.384 min
Delta R.T.: -0.006 min
Response: 323778
Conc: 193.08 ng/ml



#27 AR-1254-2

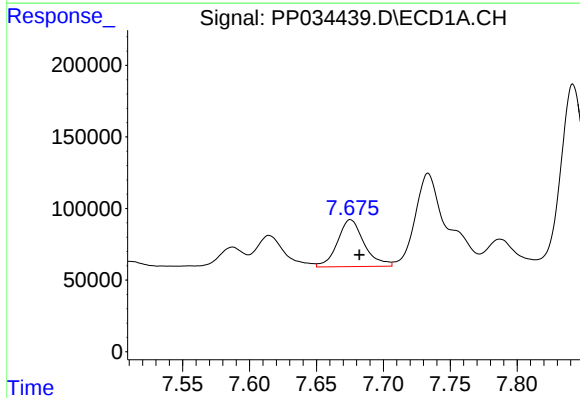
R.T.: 7.295 min
Delta R.T.: -0.006 min
Response: 669477
Conc: 160.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



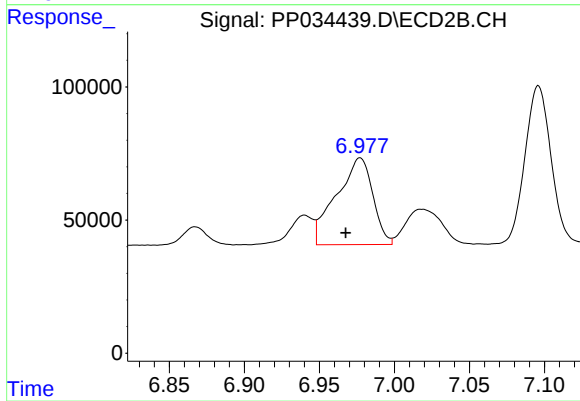
#27 AR-1254-2

R.T.: 6.540 min
Delta R.T.: -0.007 min
Response: 292800
Conc: 201.91 ng/ml



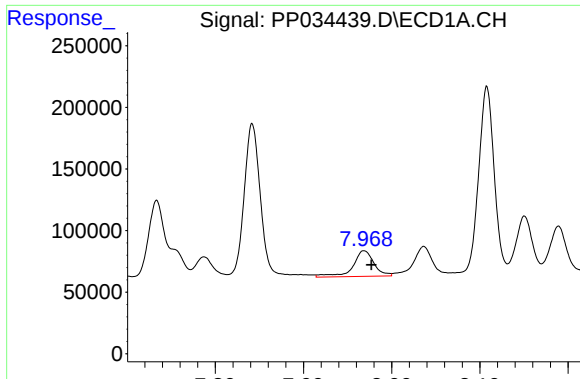
#28 AR-1254-3

R.T.: 7.675 min
Delta R.T.: -0.007 min
Response: 456242
Conc: 105.05 ng/ml



#28 AR-1254-3

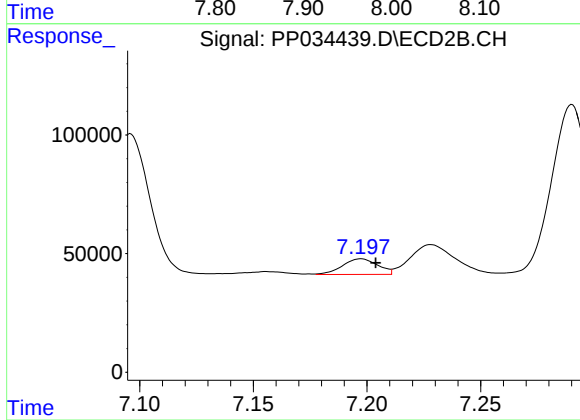
R.T.: 6.977 min
Delta R.T.: 0.010 min
Response: 550450
Conc: 240.36 ng/ml



#29 AR-1254-4

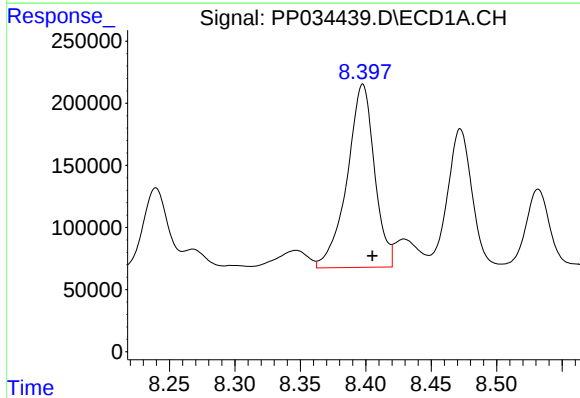
R.T.: 7.969 min
Delta R.T.: -0.009 min
Response: 344887
Conc: 118.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



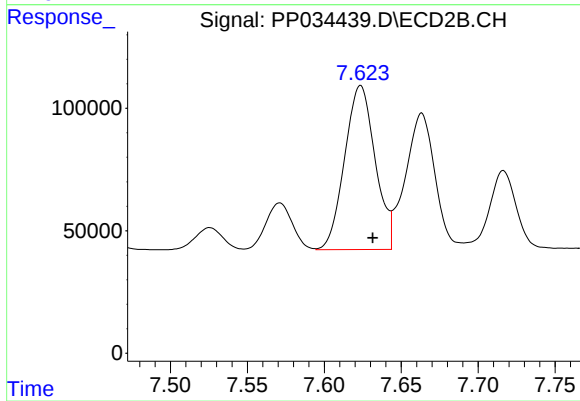
#29 AR-1254-4

R.T.: 7.197 min
Delta R.T.: -0.006 min
Response: 70636
Conc: 59.07 ng/ml



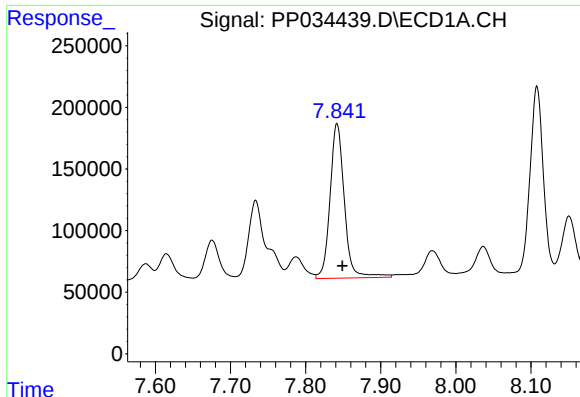
#30 AR-1254-5

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 2145417
Conc: 642.68 ng/ml



#30 AR-1254-5

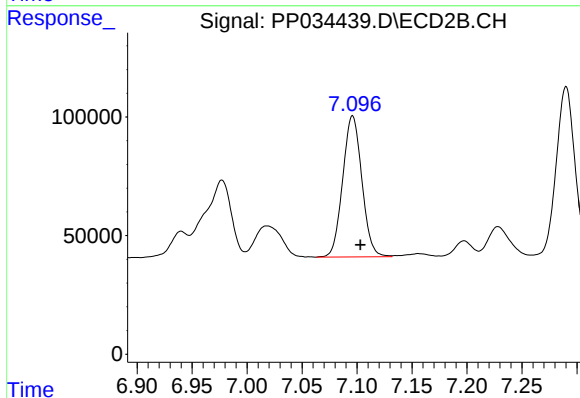
R.T.: 7.624 min
Delta R.T.: -0.008 min
Response: 924001
Conc: 500.42 ng/ml



#31 AR-1260-1

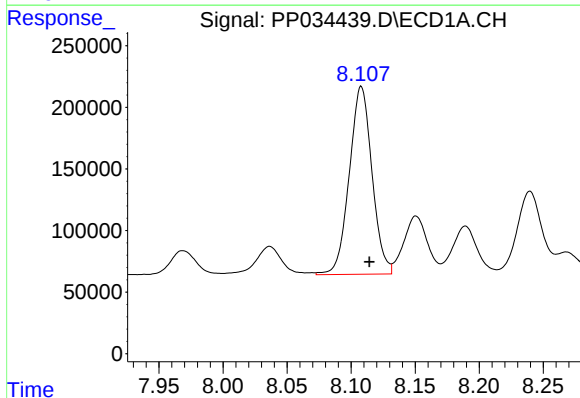
R.T.: 7.842 min
Delta R.T.: -0.007 min
Response: 1657169
Conc: 519.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



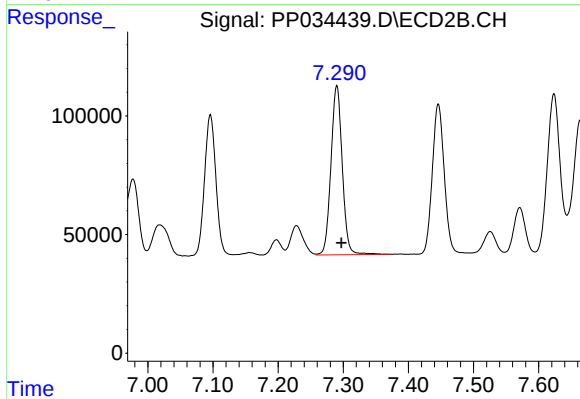
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: -0.007 min
Response: 721392
Conc: 462.74 ng/ml



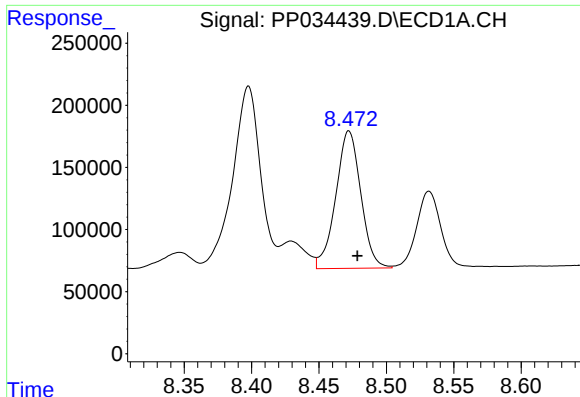
#32 AR-1260-2

R.T.: 8.108 min
Delta R.T.: -0.006 min
Response: 1881280
Conc: 500.61 ng/ml



#32 AR-1260-2

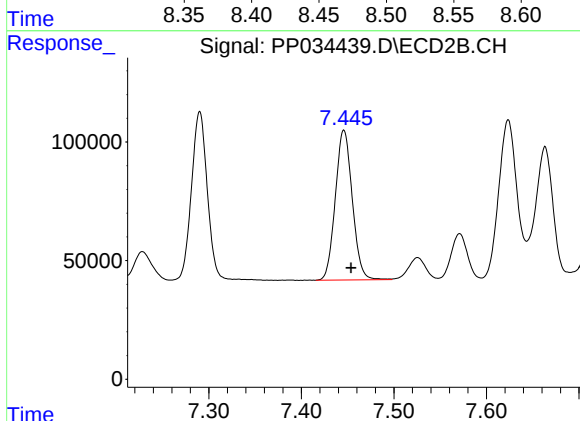
R.T.: 7.290 min
Delta R.T.: -0.007 min
Response: 860176
Conc: 480.73 ng/ml



#33 AR-1260-3

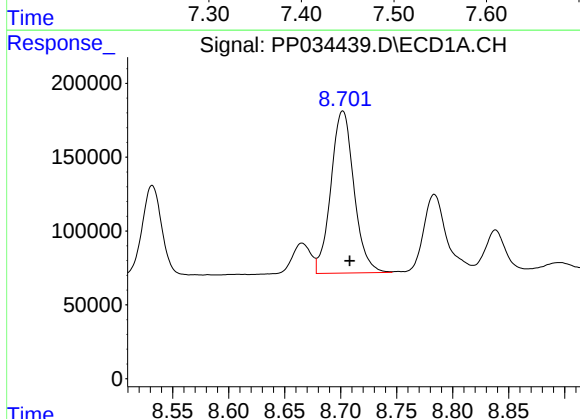
R.T.: 8.472 min
Delta R.T.: -0.006 min
Response: 1432347
Conc: 469.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



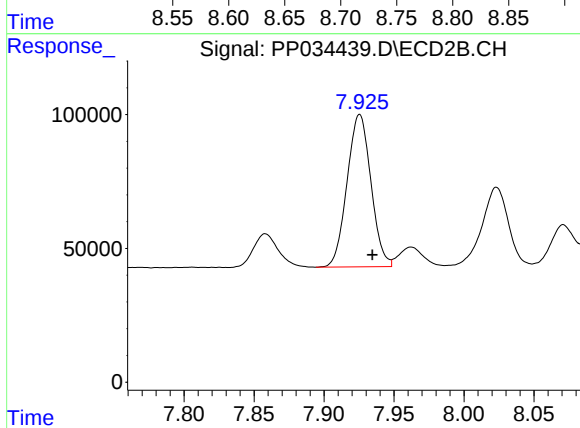
#33 AR-1260-3

R.T.: 7.446 min
Delta R.T.: -0.008 min
Response: 804471
Conc: 475.43 ng/ml



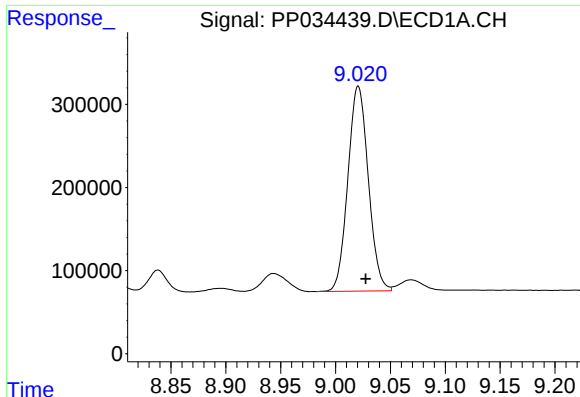
#34 AR-1260-4

R.T.: 8.702 min
Delta R.T.: -0.006 min
Response: 1575877
Conc: 452.64 ng/ml



#34 AR-1260-4

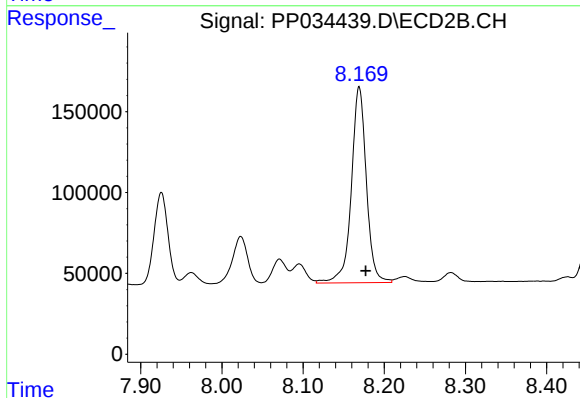
R.T.: 7.925 min
Delta R.T.: -0.009 min
Response: 675212
Conc: 474.25 ng/ml



#35 AR-1260-5

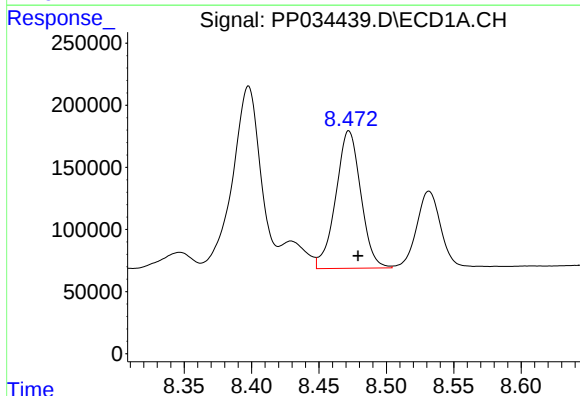
R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 3200664
Conc: 467.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



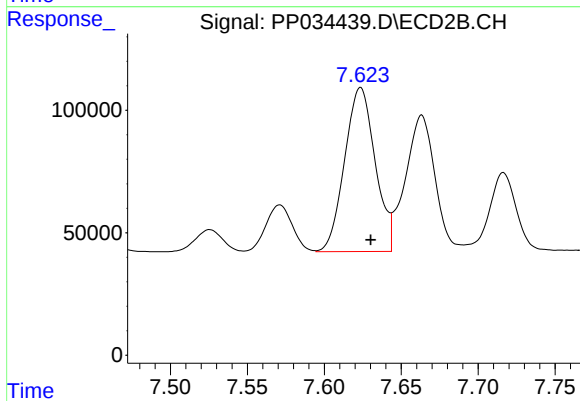
#35 AR-1260-5

R.T.: 8.169 min
Delta R.T.: -0.008 min
Response: 1557669
Conc: 501.63 ng/ml



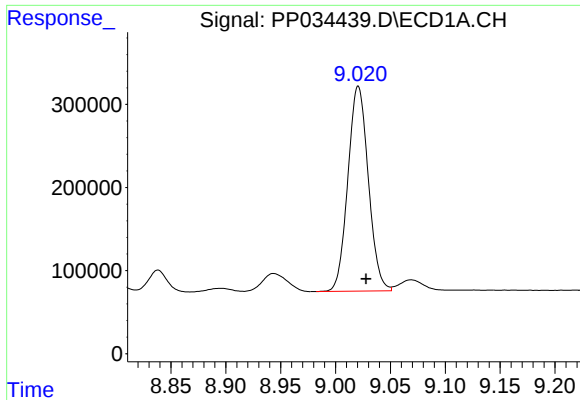
#36 AR-1262-1

R.T.: 8.472 min
Delta R.T.: -0.007 min
Response: 1432347
Conc: 321.08 ng/ml



#36 AR-1262-1

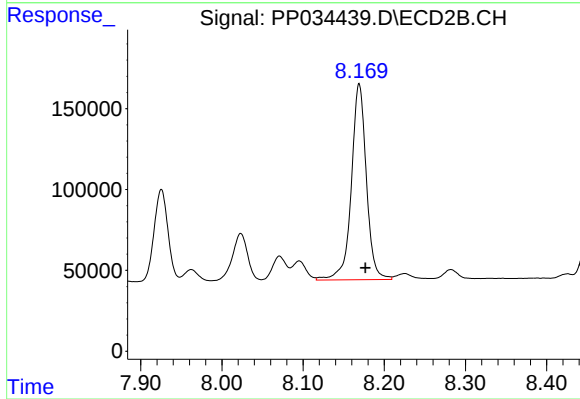
R.T.: 7.624 min
Delta R.T.: -0.007 min
Response: 924001
Conc: 915.05 ng/ml



#37 AR-1262-2

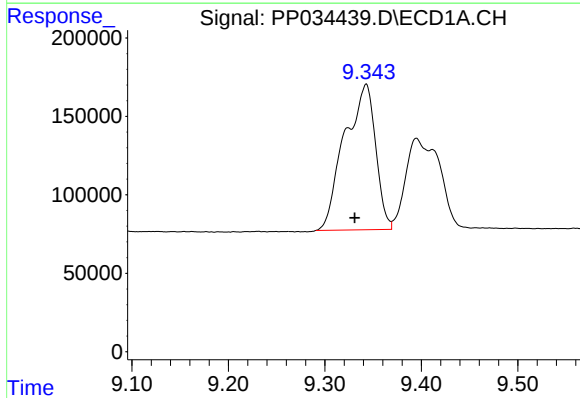
R.T.: 9.021 min
Delta R.T.: -0.007 min
Response: 3200664
Conc: 422.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



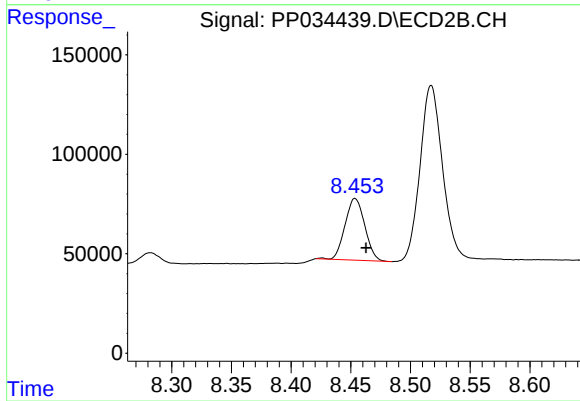
#37 AR-1262-2

R.T.: 8.169 min
Delta R.T.: -0.008 min
Response: 1557669
Conc: 482.59 ng/ml



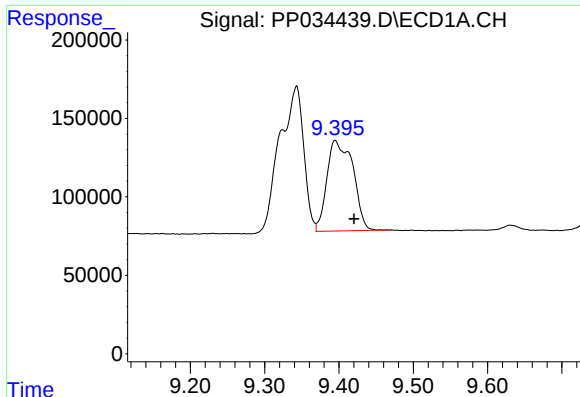
#38 AR-1262-3

R.T.: 9.343 min
Delta R.T.: 0.012 min
Response: 2067268
Conc: 387.76 ng/ml



#38 AR-1262-3

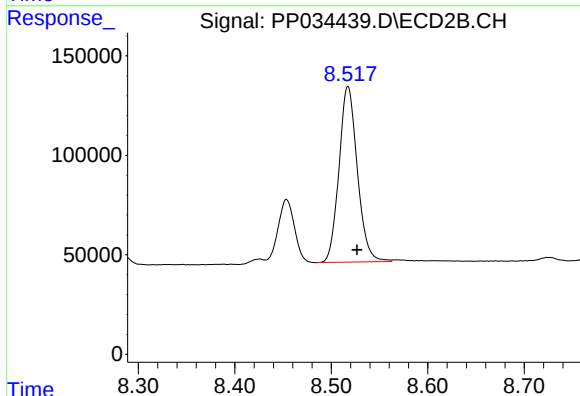
R.T.: 8.454 min
Delta R.T.: -0.009 min
Response: 358165
Conc: 261.42 ng/ml



#39 AR-1262-4

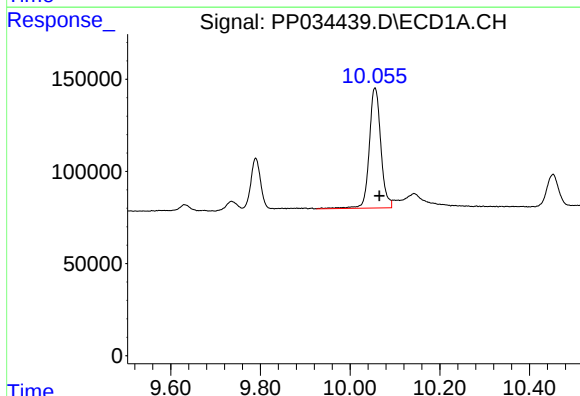
R.T.: 9.395 min
Delta R.T.: -0.026 min
Response: 1403250
Conc: 325.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



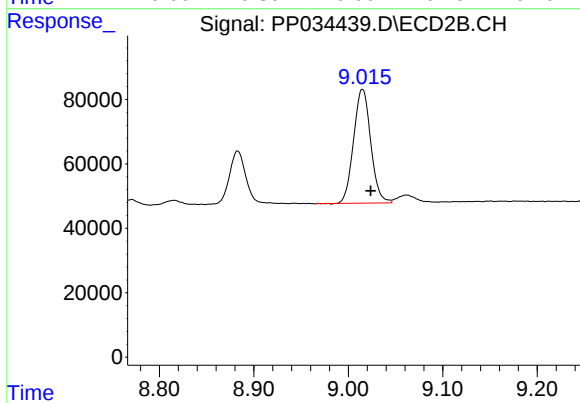
#39 AR-1262-4

R.T.: 8.517 min
Delta R.T.: -0.009 min
Response: 1168956
Conc: 482.73 ng/ml



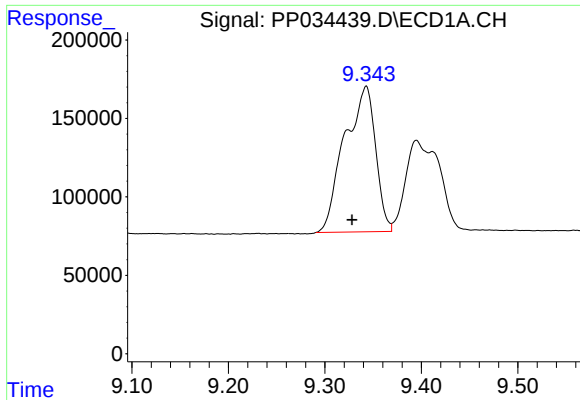
#40 AR-1262-5

R.T.: 10.055 min
Delta R.T.: -0.010 min
Response: 1163161
Conc: 409.55 ng/ml



#40 AR-1262-5

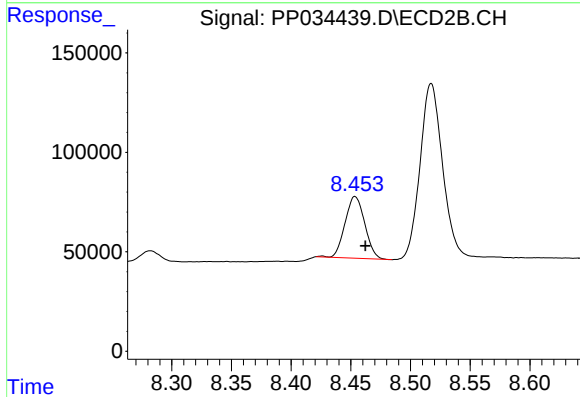
R.T.: 9.015 min
Delta R.T.: -0.009 min
Response: 445452
Conc: 423.70 ng/ml



#41 AR-1268-1

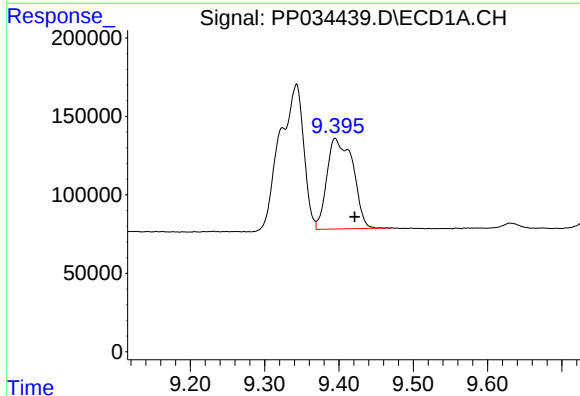
R.T.: 9.343 min
Delta R.T.: 0.015 min
Response: 2067268
Conc: 207.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



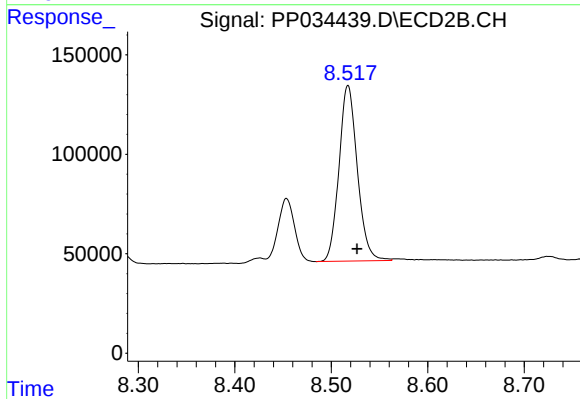
#41 AR-1268-1

R.T.: 8.454 min
Delta R.T.: -0.009 min
Response: 358165
Conc: 90.49 ng/ml



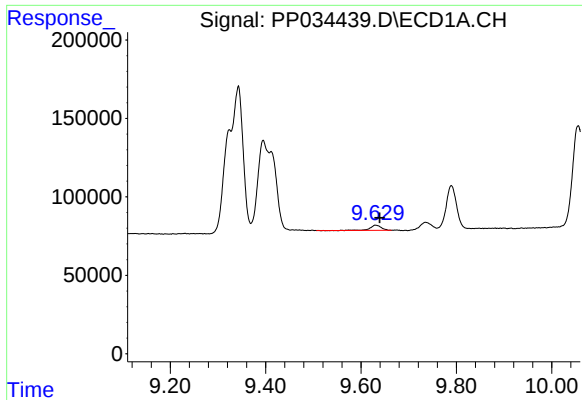
#42 AR-1268-2

R.T.: 9.395 min
Delta R.T.: -0.027 min
Response: 1403250
Conc: 150.39 ng/ml



#42 AR-1268-2

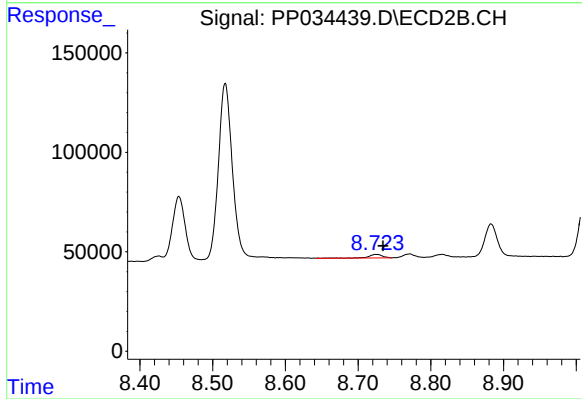
R.T.: 8.517 min
Delta R.T.: -0.009 min
Response: 1168956
Conc: 316.67 ng/ml



#43 AR-1268-3

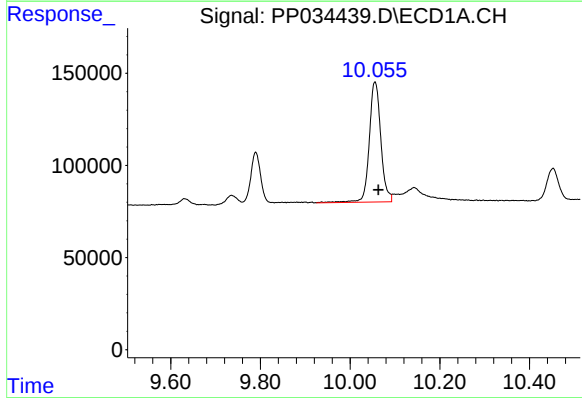
R.T.: 9.630 min
Delta R.T.: -0.009 min
Response: 51003
Conc: 5.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



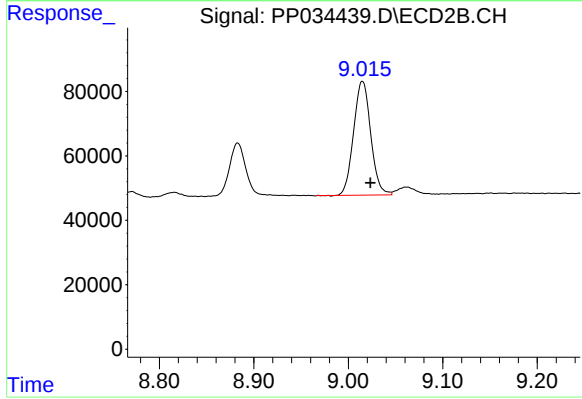
#43 AR-1268-3

R.T.: 8.725 min
Delta R.T.: -0.009 min
Response: 23356
Conc: 6.86 ng/ml



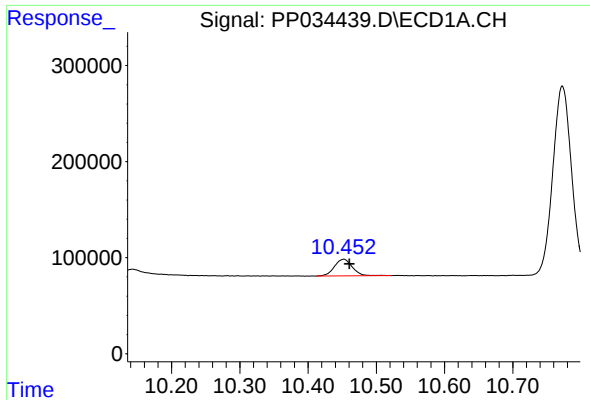
#44 AR-1268-4

R.T.: 10.055 min
Delta R.T.: -0.008 min
Response: 1163161
Conc: 373.64 ng/ml



#44 AR-1268-4

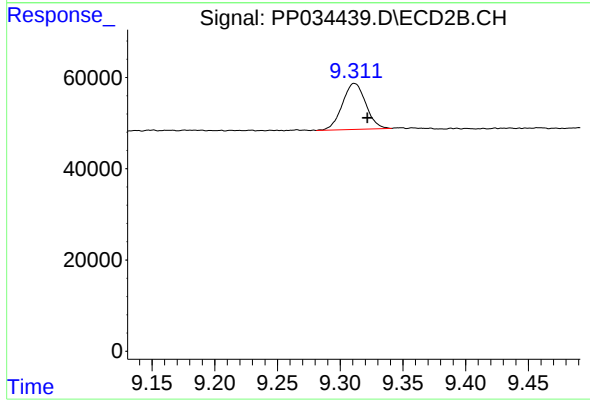
R.T.: 9.015 min
Delta R.T.: -0.009 min
Response: 445452
Conc: 370.17 ng/ml



#45 AR-1268-5

R.T.: 10.452 min
Delta R.T.: -0.008 min
Response: 319234
Conc: 11.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.311 min
Delta R.T.: -0.010 min
Response: 131026
Conc: 14.05 ng/ml