

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031921\
 Data File : PP034153.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Mar 2021 9:10
 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 20 02:09:42 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...	4.852	4.261	4111817	2118743	48.946	47.878
2)	SA Decachlor...	10.783	9.581	3694981	1196419	47.084	45.338
Target Compounds							
3)	L1 AR-1016-1	6.166	5.518	1189248	529599	472.825	462.376
4)	L1 AR-1016-2	6.189	5.538	1760048	752507	464.865	447.033
5)	L1 AR-1016-3	6.255	5.731	1113670	428374	473.146	474.691
6)	L1 AR-1016-4	6.361	5.780	909506	353962	478.177	482.029
7)	L1 AR-1016-5	6.675	6.010	935069	446430	484.206	472.570
8)	L2 AR-1221-1	5.098	4.516	131231	64499	144.526	137.499
9)	L2 AR-1221-2	5.200	4.617	197303	95038	286.687	267.995
10)	L2 AR-1221-3	5.286	4.706	683585	341117	329.752	319.839
11)	L3 AR-1232-1	5.286	4.706	683585	341117	417.071	392.772
12)	L3 AR-1232-2	5.871	5.538	984980	752507	1151.680	1031.677
13)	L3 AR-1232-3	6.189	5.731	1760048	428374	1131.653	1097.169
14)	L3 AR-1232-4	6.361	5.825	909506	433541	1165.502	1249.160
15)	L3 AR-1232-5	6.460	6.010	750165	446430	1370.082	1220.650
16)	L4 AR-1242-1	6.166	5.518	1189248	529599	596.810	581.436
17)	L4 AR-1242-2	6.189	5.538	1760048	752507	591.952	573.288
18)	L4 AR-1242-3	6.255	5.731	1113670	428374	598.479	589.148
19)	L4 AR-1242-4	6.361	5.825	909506	433541	603.315	598.469
20)	L4 AR-1242-5	7.142	6.388	137093	310888	89.924	396.112 #
21)	L5 AR-1248-1	6.166	5.518	1189248	529599	795.415	769.886
22)	L5 AR-1248-2	6.460	5.780	750165	353962	357.487	354.462
23)	L5 AR-1248-3	6.675	5.825	935069	433541	367.174	411.107
24)	L5 AR-1248-4	7.102	6.010	159323	446430	61.664	363.785 #
25)	L5 AR-1248-5	7.142	6.430	137093	46649	52.828	46.204
26)	L6 AR-1254-1	7.072	6.388	610757	310888	223.150	185.396
27)	L6 AR-1254-2	7.300	6.545	664446	278144	159.568	191.800
28)	L6 AR-1254-3	7.681	6.982	363208	538382	83.627	235.089 #
29)	L6 AR-1254-4	7.974	7.201	230716	61154	79.471	51.143 #
30)	L6 AR-1254-5	8.403	7.629	2088618	845506	625.662	457.907 #
31)	L7 AR-1260-1	7.848	7.101	1557161	717167	488.544	460.033
32)	L7 AR-1260-2	8.114	7.295	1798802	817931	478.664	457.123
33)	L7 AR-1260-3	8.478	7.451	1457919	774412	477.707	457.662
34)	L7 AR-1260-4	8.708	7.931	1657814	644361	476.171	452.578
35)	L7 AR-1260-5	9.026	8.175	3225307	1361781	471.139	438.550
36)	L8 AR-1262-1	8.478	7.629	1457919	845506	326.816	837.317 #
37)	L8 AR-1262-2	9.026	8.175	3225307	1361781	425.506	421.899
38)	L8 AR-1262-3	9.348f	8.460	2083211	328087	390.755	239.467 #
39)	L8 AR-1262-4	9.420	8.523	665230	994740	154.359	410.787 #
40)	L8 AR-1262-5	10.064	9.021	1028886	374599	362.276	356.303
41)	L9 AR-1268-1	9.348f	8.460	2083211	328087	209.183	82.887 #

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 Acq On : 19 Mar 2021 9:10
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

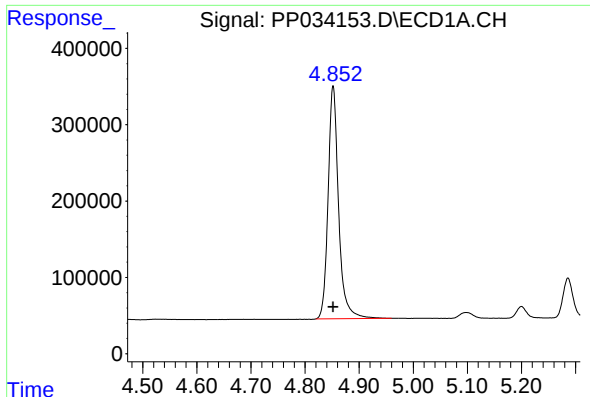
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 02:09:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP031821.M
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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	9.420	8.523	665230	994740	71.296	269.475 #
43) L9	AR-1268-3	9.640	8.732	49912	28612	5.612	8.398 #
44) L9	AR-1268-4	10.064	9.021	1028886	374599	330.510	311.289
45) L9	AR-1268-5	10.460	9.319	319595	106719	11.566	11.446

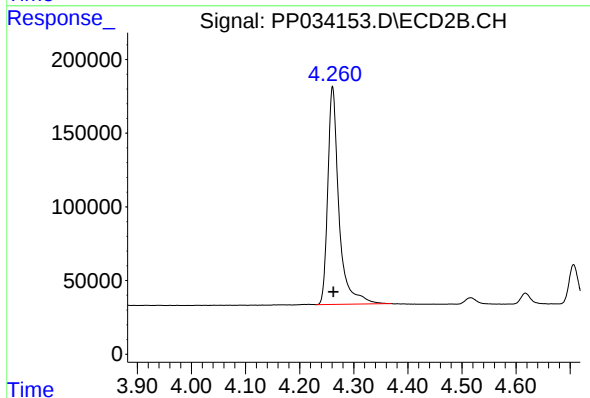
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

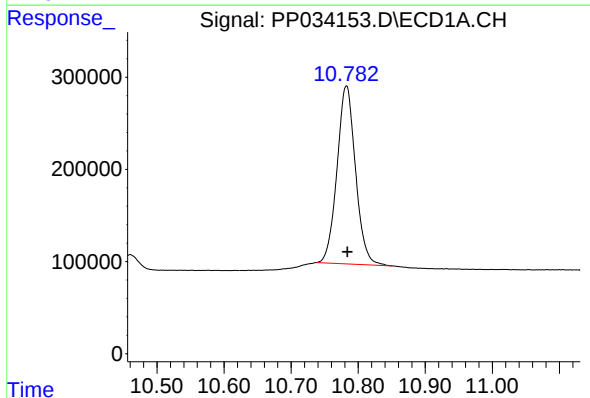
R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 4111817
Conc: 48.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



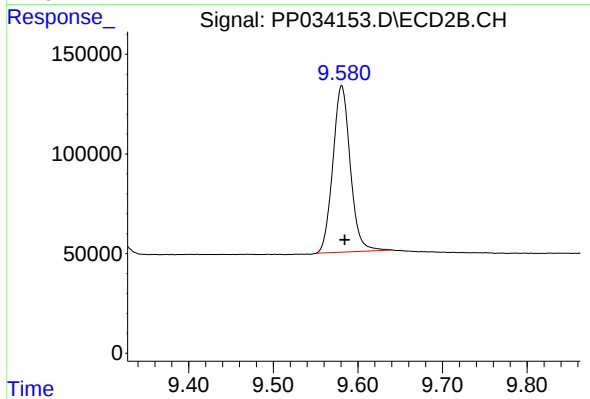
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: -0.002 min
Response: 2118743
Conc: 47.88 ng/ml



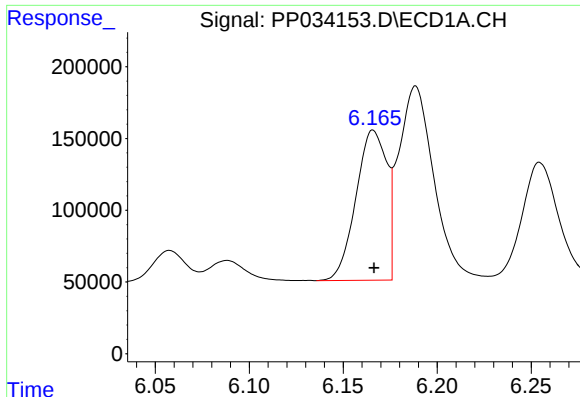
#2 Decachlorobiphenyl

R.T.: 10.783 min
Delta R.T.: -0.002 min
Response: 3694981
Conc: 47.08 ng/ml



#2 Decachlorobiphenyl

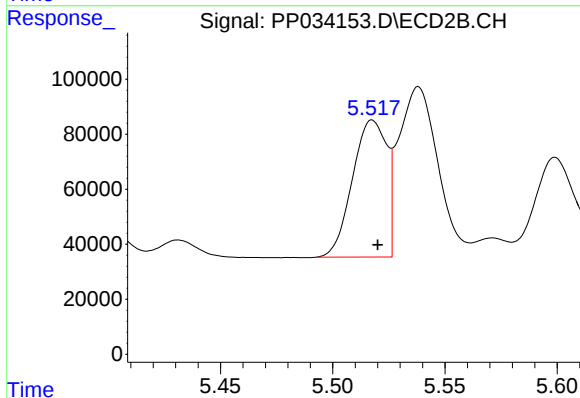
R.T.: 9.581 min
Delta R.T.: -0.004 min
Response: 1196419
Conc: 45.34 ng/ml



#3 AR-1016-1

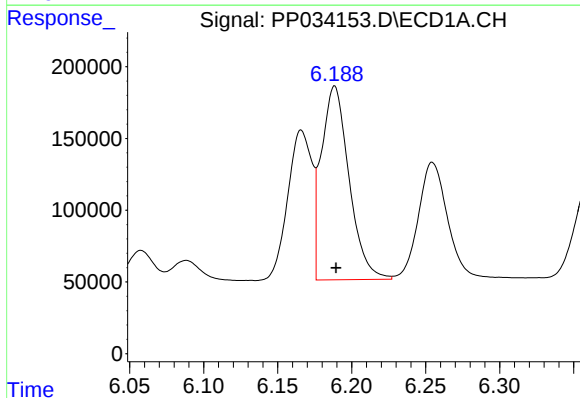
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1189248
Conc: 472.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



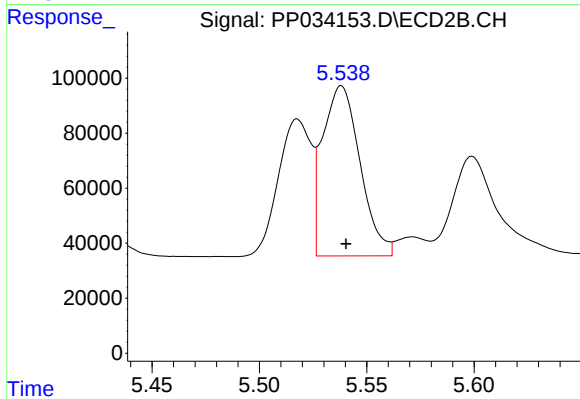
#3 AR-1016-1

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 529599
Conc: 462.38 ng/ml



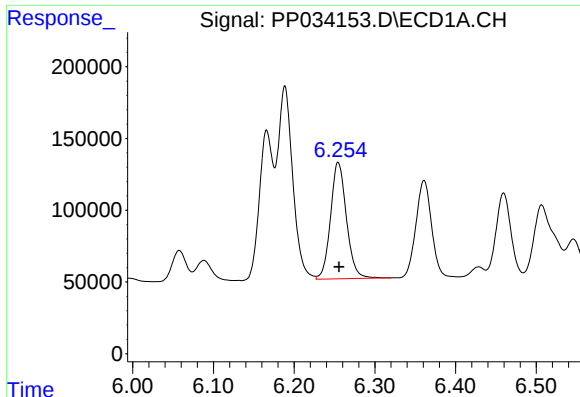
#4 AR-1016-2

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1760048
Conc: 464.87 ng/ml



#4 AR-1016-2

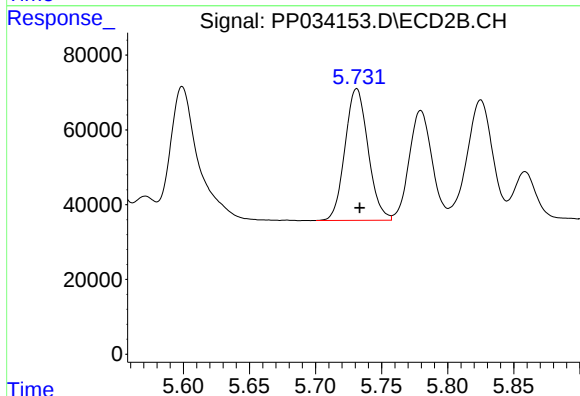
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 752507
Conc: 447.03 ng/ml



#5 AR-1016-3

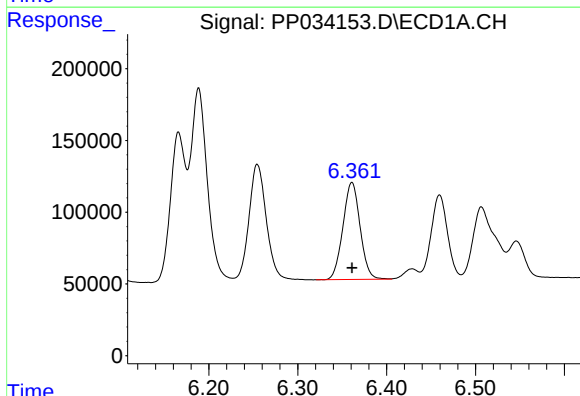
R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 1113670
Conc: 473.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



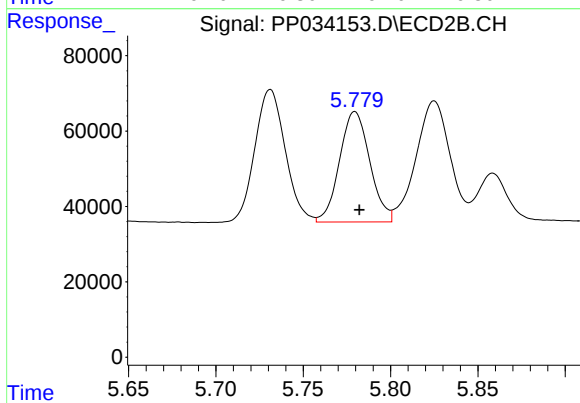
#5 AR-1016-3

R.T.: 5.731 min
Delta R.T.: -0.002 min
Response: 428374
Conc: 474.69 ng/ml



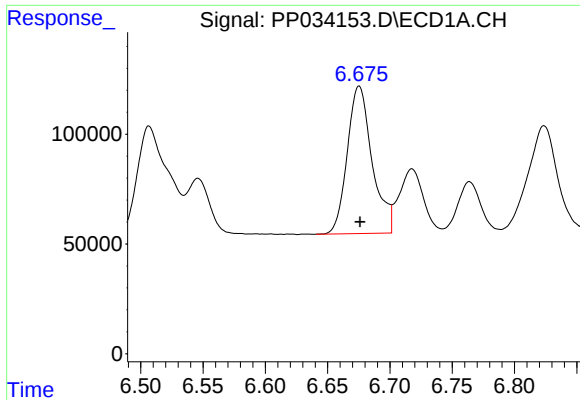
#6 AR-1016-4

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 909506
Conc: 478.18 ng/ml



#6 AR-1016-4

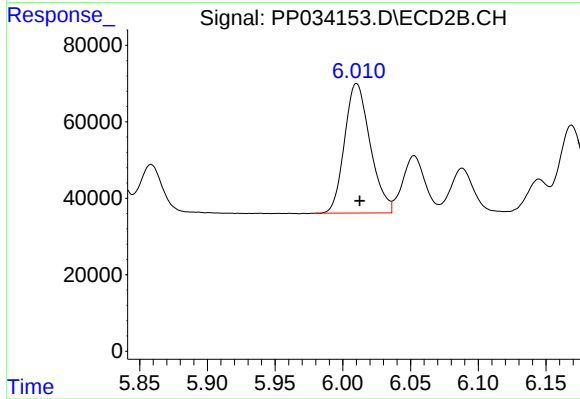
R.T.: 5.780 min
Delta R.T.: -0.003 min
Response: 353962
Conc: 482.03 ng/ml



#7 AR-1016-5

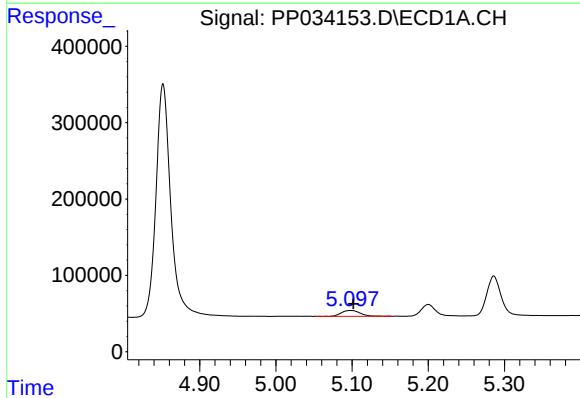
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 935069
Conc: 484.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



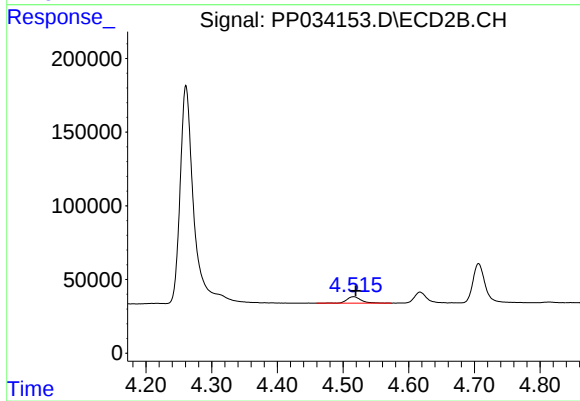
#7 AR-1016-5

R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 446430
Conc: 472.57 ng/ml



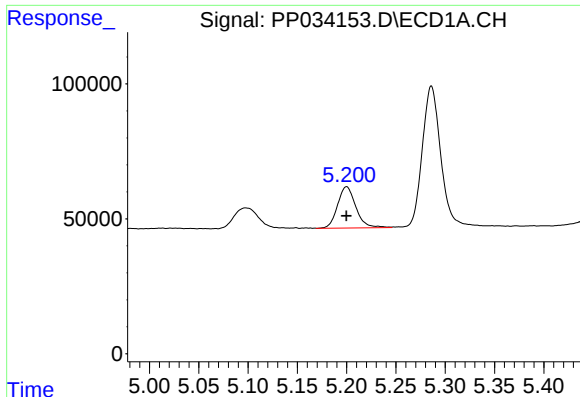
#8 AR-1221-1

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 131231
Conc: 144.53 ng/ml



#8 AR-1221-1

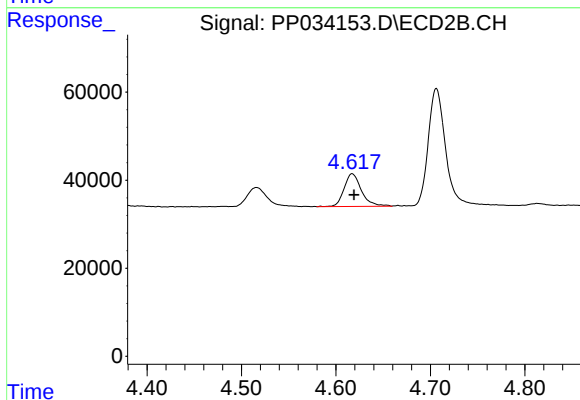
R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 64499
Conc: 137.50 ng/ml



#9 AR-1221-2

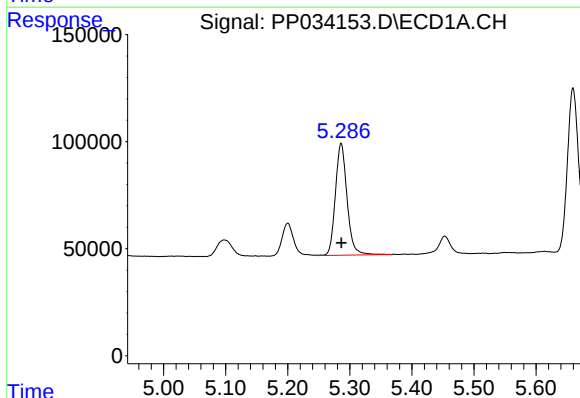
R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 197303
Conc: 286.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



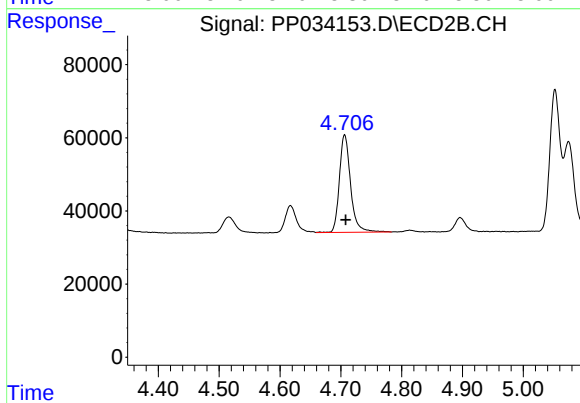
#9 AR-1221-2

R.T.: 4.617 min
Delta R.T.: -0.002 min
Response: 95038
Conc: 267.99 ng/ml



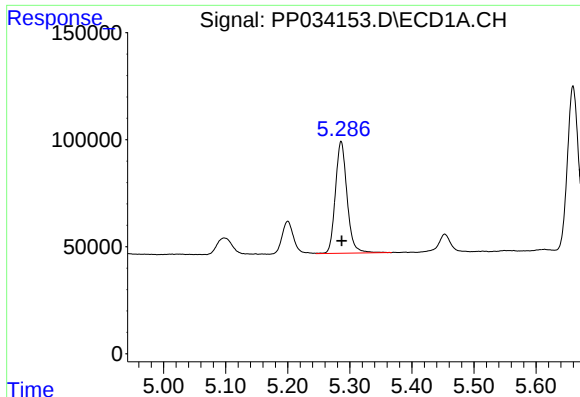
#10 AR-1221-3

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 683585
Conc: 329.75 ng/ml



#10 AR-1221-3

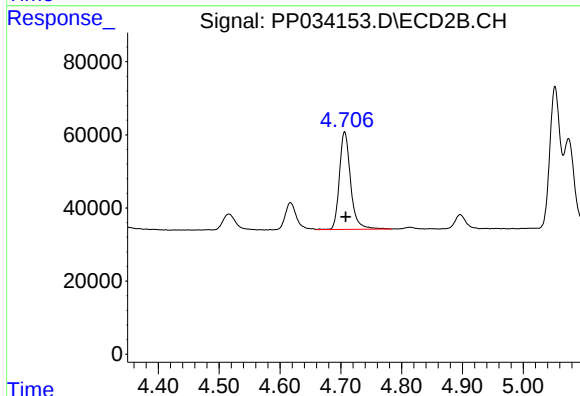
R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 341117
Conc: 319.84 ng/ml



#11 AR-1232-1

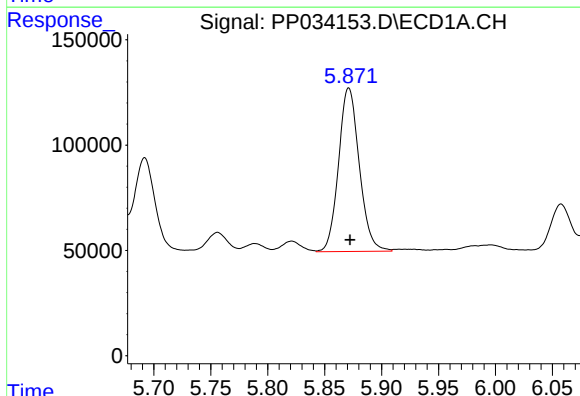
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 683585
Conc: 417.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



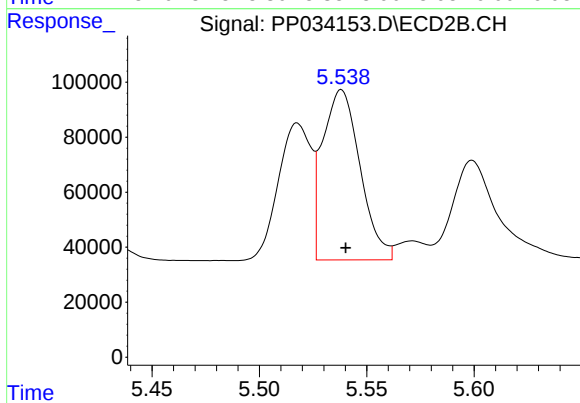
#11 AR-1232-1

R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 341117
Conc: 392.77 ng/ml



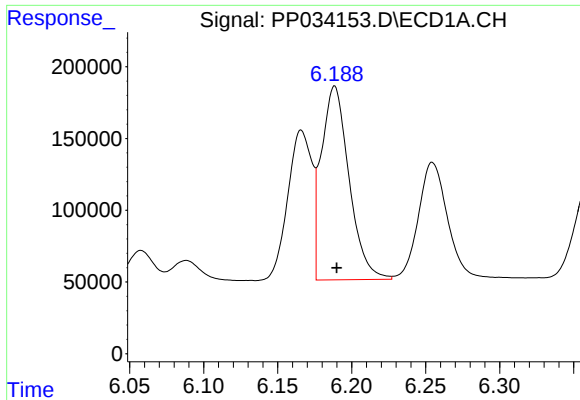
#12 AR-1232-2

R.T.: 5.871 min
Delta R.T.: -0.001 min
Response: 984980
Conc: 1151.68 ng/ml



#12 AR-1232-2

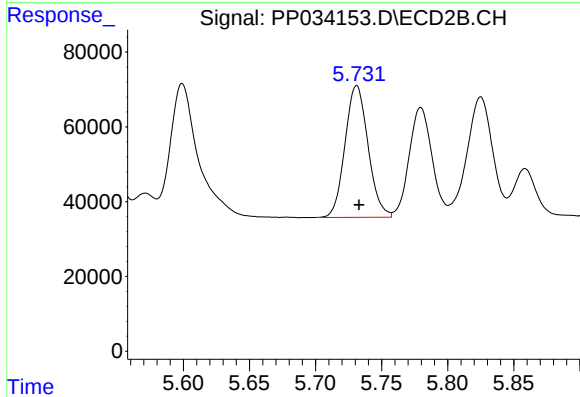
R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 752507
Conc: 1031.68 ng/ml



#13 AR-1232-3

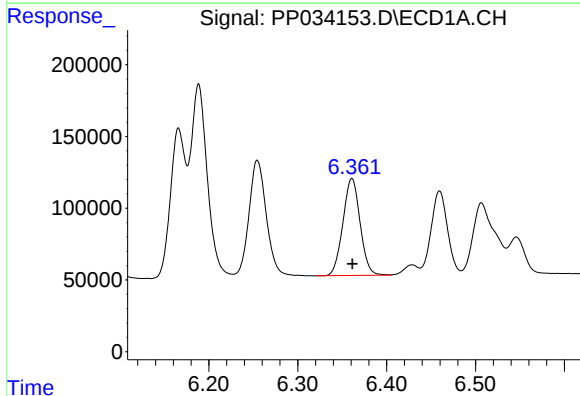
R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 1760048
Conc: 1131.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



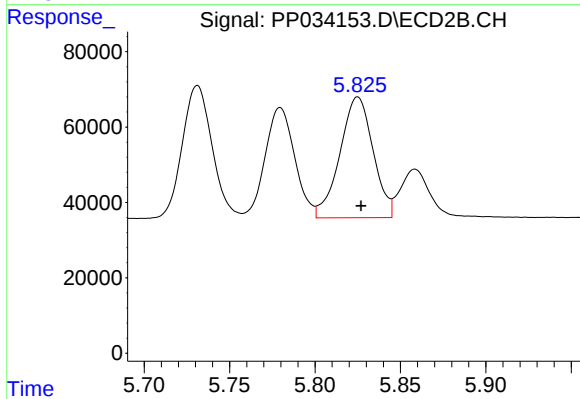
#13 AR-1232-3

R.T.: 5.731 min
Delta R.T.: -0.002 min
Response: 428374
Conc: 1097.17 ng/ml



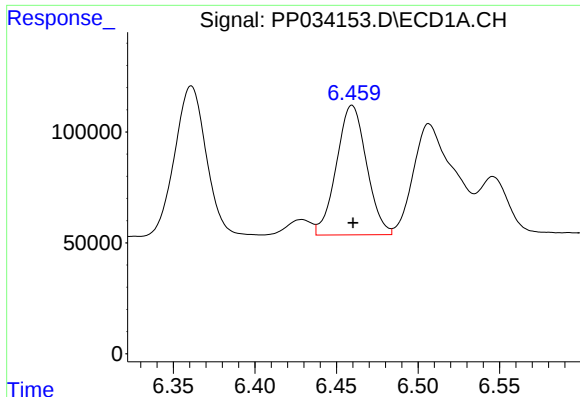
#14 AR-1232-4

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 909506
Conc: 1165.50 ng/ml



#14 AR-1232-4

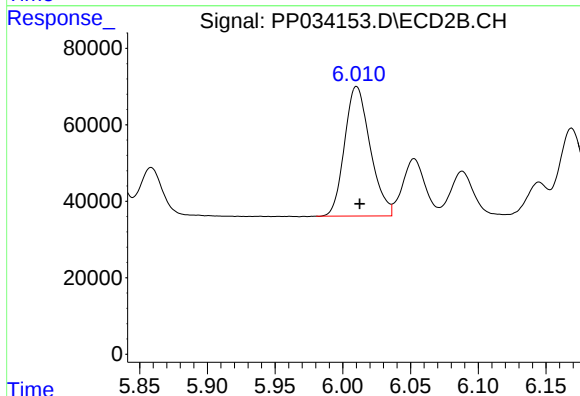
R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 433541
Conc: 1249.16 ng/ml



#15 AR-1232-5

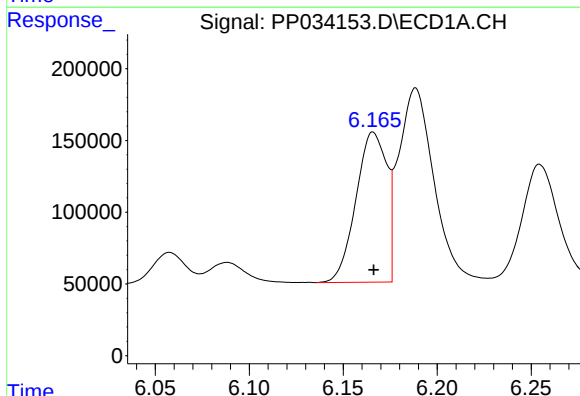
R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 750165
Conc: 1370.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



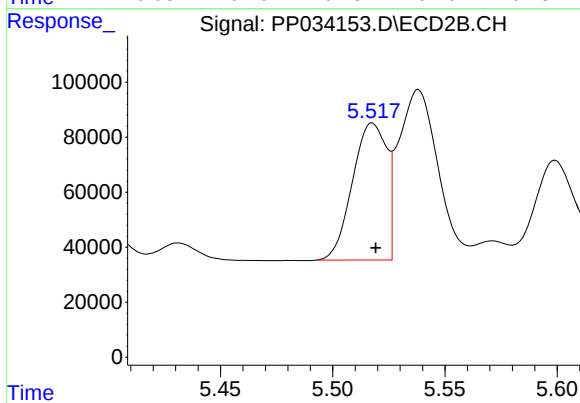
#15 AR-1232-5

R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 446430
Conc: 1220.65 ng/ml



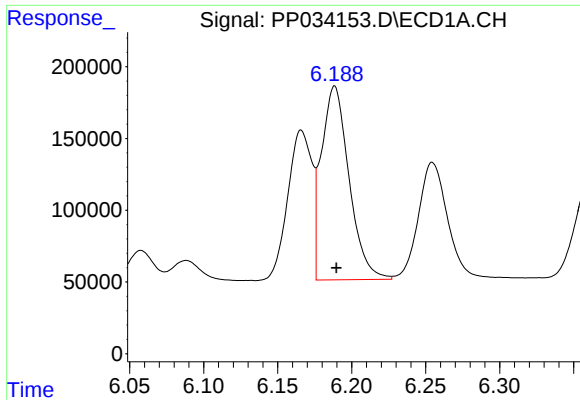
#16 AR-1242-1

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1189248
Conc: 596.81 ng/ml



#16 AR-1242-1

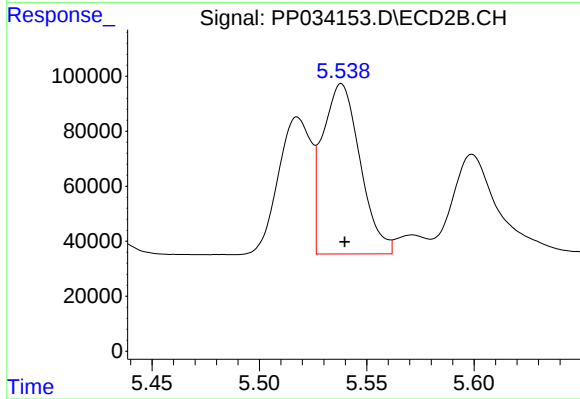
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 529599
Conc: 581.44 ng/ml



#17 AR-1242-2

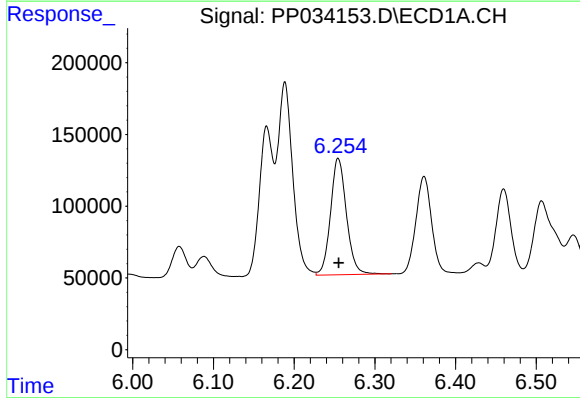
R.T.: 6.189 min
Delta R.T.: -0.001 min
Response: 1760048
Conc: 591.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



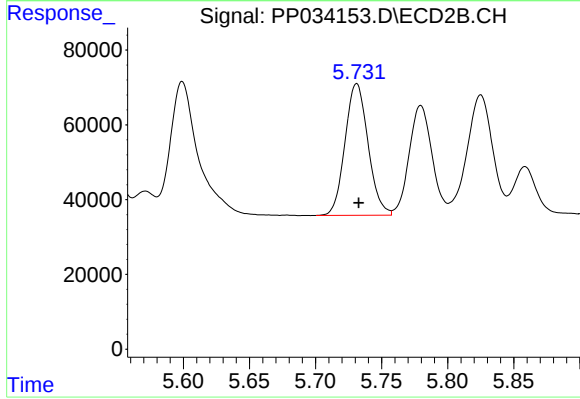
#17 AR-1242-2

R.T.: 5.538 min
Delta R.T.: -0.002 min
Response: 752507
Conc: 573.29 ng/ml



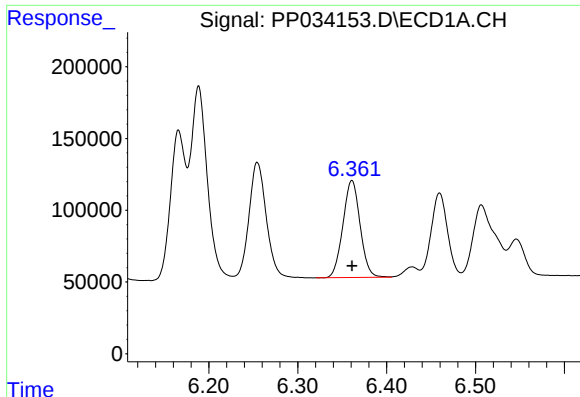
#18 AR-1242-3

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 1113670
Conc: 598.48 ng/ml



#18 AR-1242-3

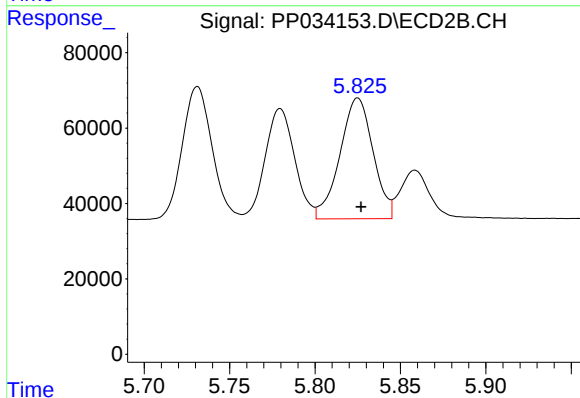
R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 428374
Conc: 589.15 ng/ml



#19 AR-1242-4

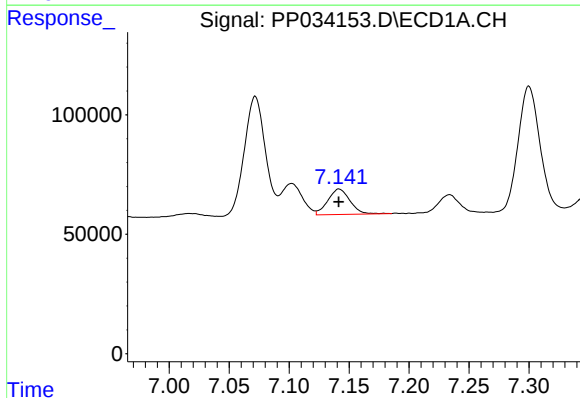
R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 909506
Conc: 603.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



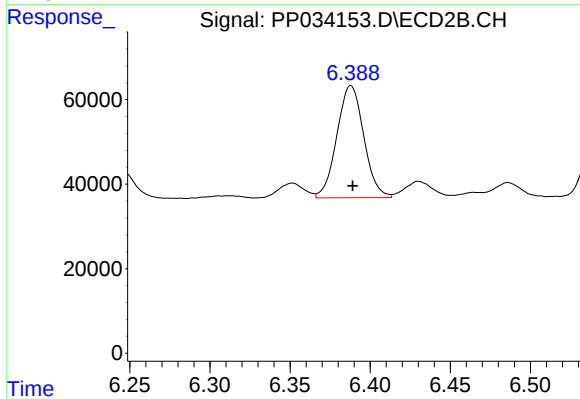
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 433541
Conc: 598.47 ng/ml



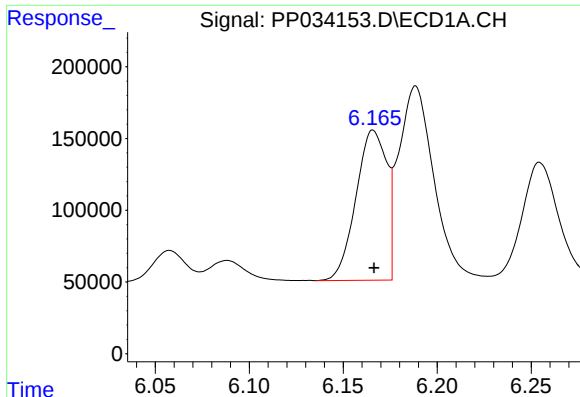
#20 AR-1242-5

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 137093
Conc: 89.92 ng/ml



#20 AR-1242-5

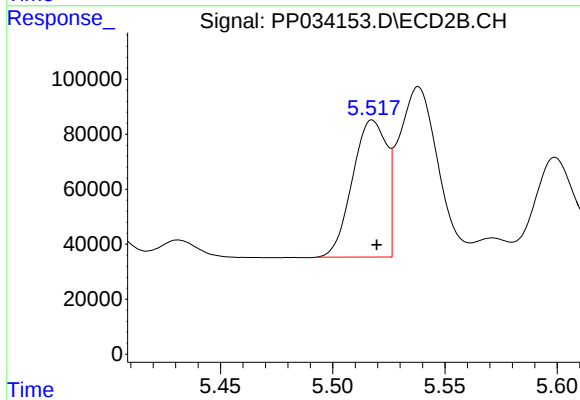
R.T.: 6.388 min
Delta R.T.: -0.001 min
Response: 310888
Conc: 396.11 ng/ml



#21 AR-1248-1

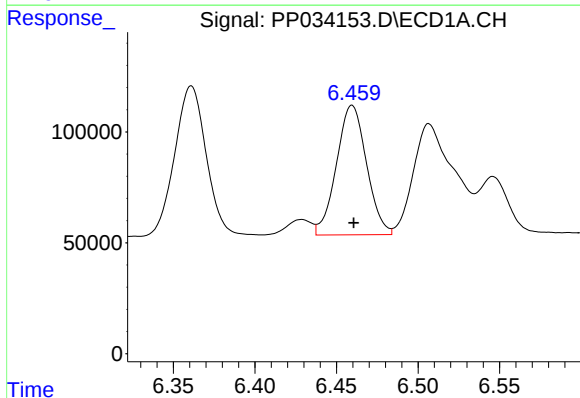
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1189248
Conc: 795.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



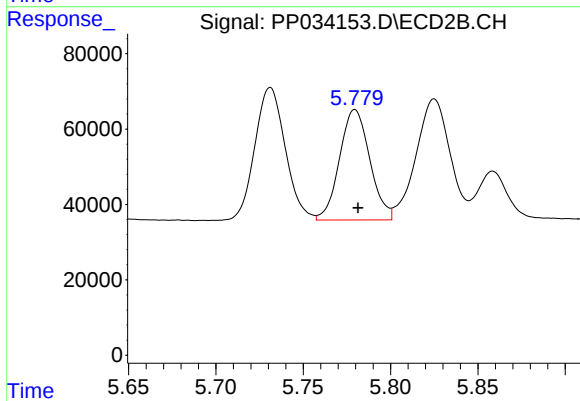
#21 AR-1248-1

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 529599
Conc: 769.89 ng/ml



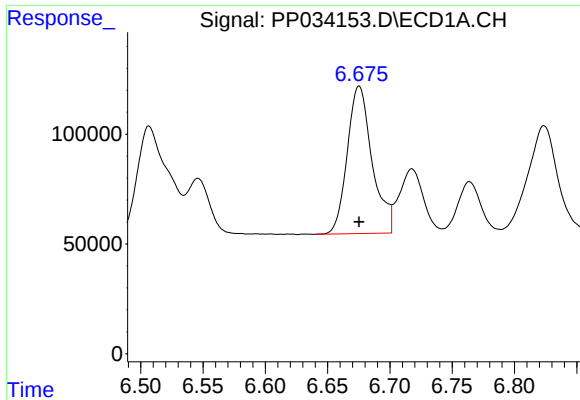
#22 AR-1248-2

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 750165
Conc: 357.49 ng/ml



#22 AR-1248-2

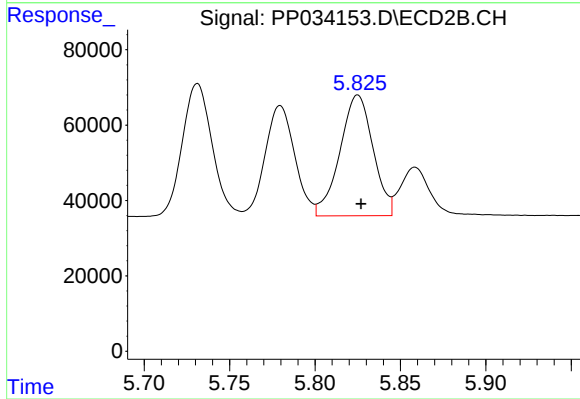
R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 353962
Conc: 354.46 ng/ml



#23 AR-1248-3

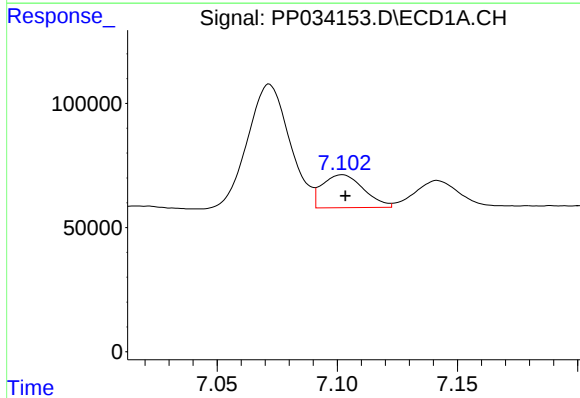
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 935069
Conc: 367.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



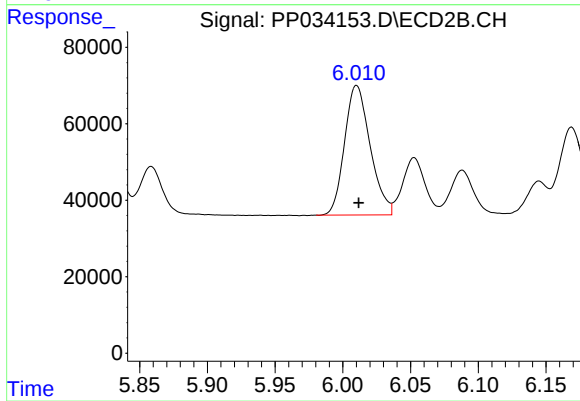
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: -0.002 min
Response: 433541
Conc: 411.11 ng/ml



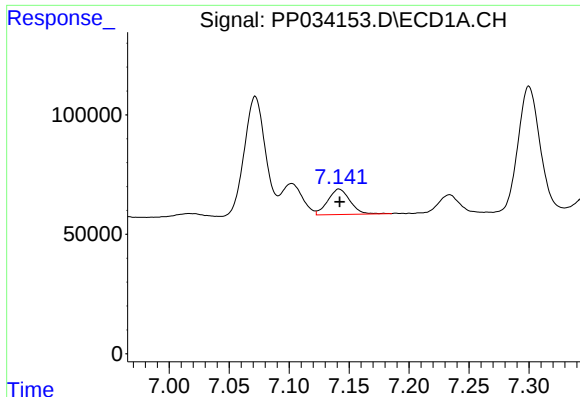
#24 AR-1248-4

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 159323
Conc: 61.66 ng/ml



#24 AR-1248-4

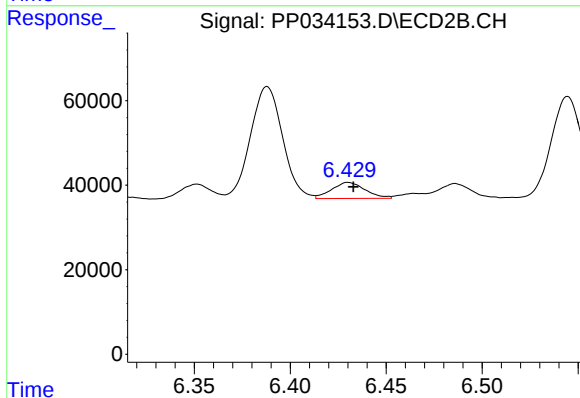
R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 446430
Conc: 363.79 ng/ml



#25 AR-1248-5

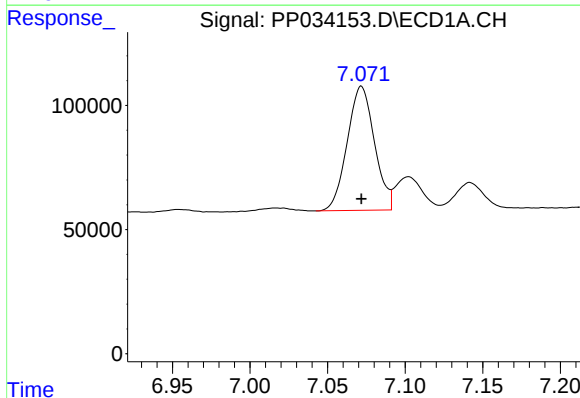
R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 137093
Conc: 52.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



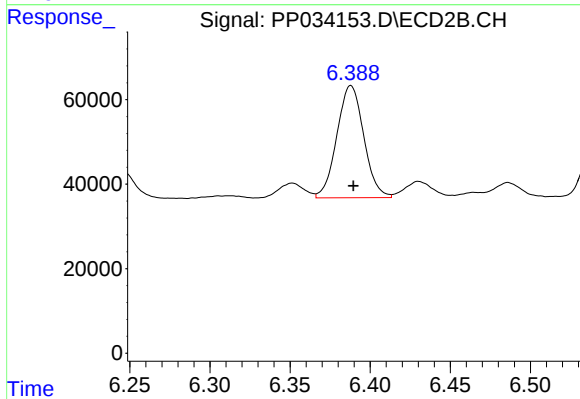
#25 AR-1248-5

R.T.: 6.430 min
Delta R.T.: -0.003 min
Response: 46649
Conc: 46.20 ng/ml



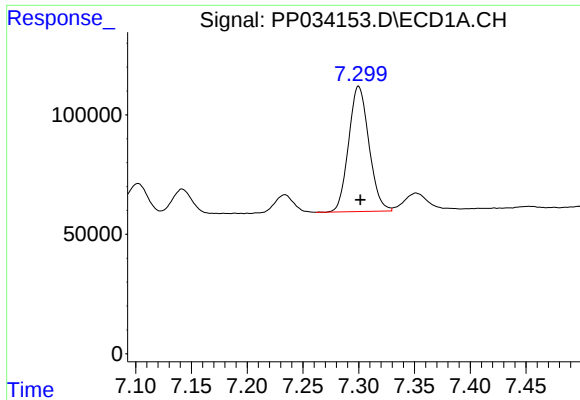
#26 AR-1254-1

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 610757
Conc: 223.15 ng/ml



#26 AR-1254-1

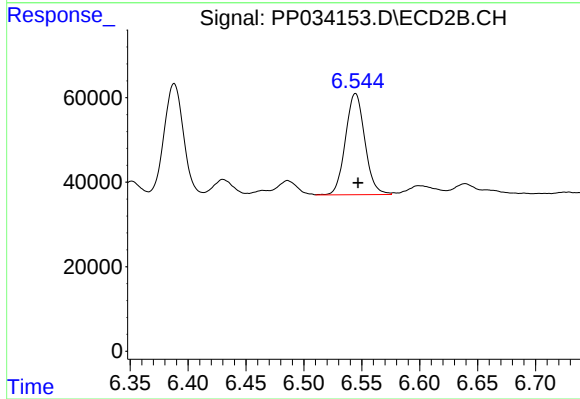
R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 310888
Conc: 185.40 ng/ml



#27 AR-1254-2

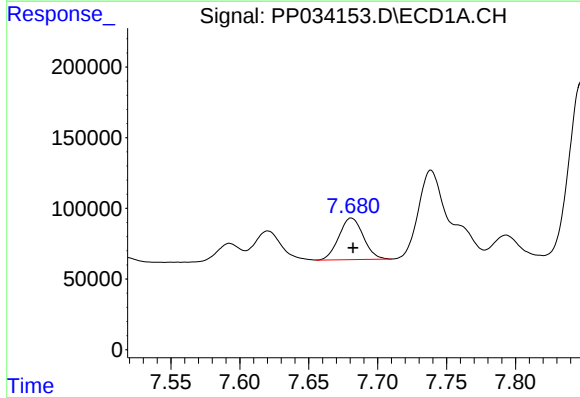
R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 664446
Conc: 159.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



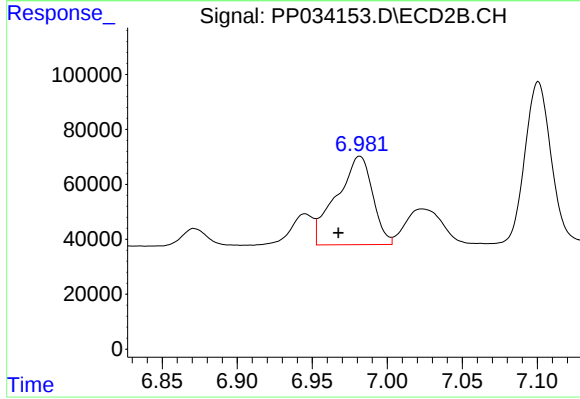
#27 AR-1254-2

R.T.: 6.545 min
Delta R.T.: -0.002 min
Response: 278144
Conc: 191.80 ng/ml



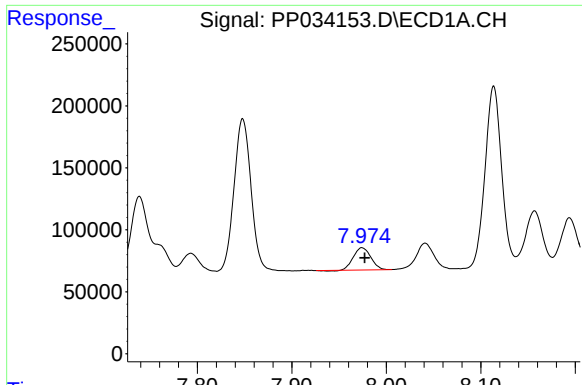
#28 AR-1254-3

R.T.: 7.681 min
Delta R.T.: -0.001 min
Response: 363208
Conc: 83.63 ng/ml



#28 AR-1254-3

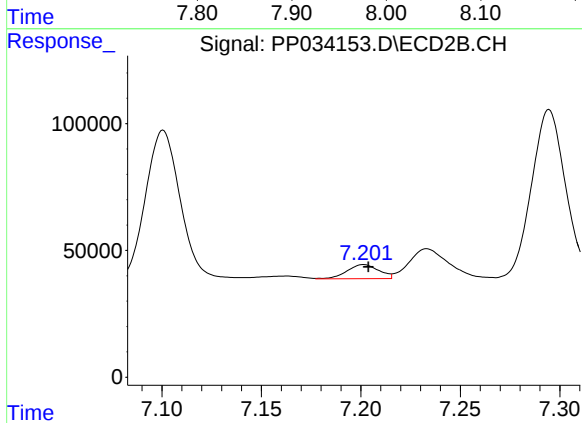
R.T.: 6.982 min
Delta R.T.: 0.014 min
Response: 538382
Conc: 235.09 ng/ml



#29 AR-1254-4

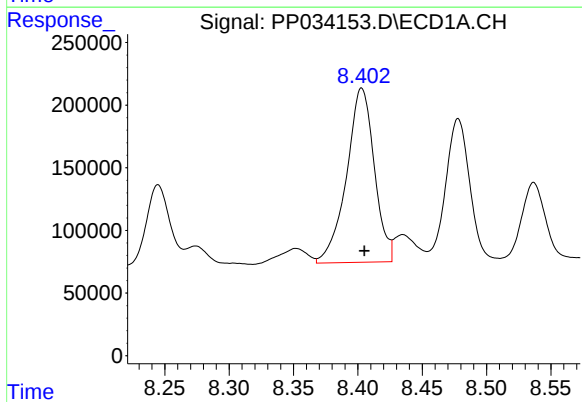
R.T.: 7.974 min
Delta R.T.: -0.003 min
Response: 230716
Conc: 79.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



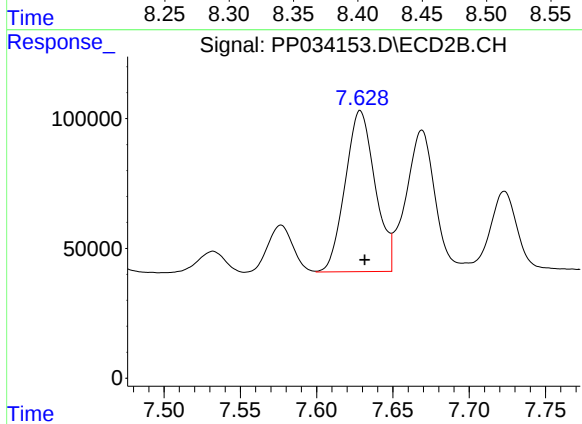
#29 AR-1254-4

R.T.: 7.201 min
Delta R.T.: -0.002 min
Response: 61154
Conc: 51.14 ng/ml



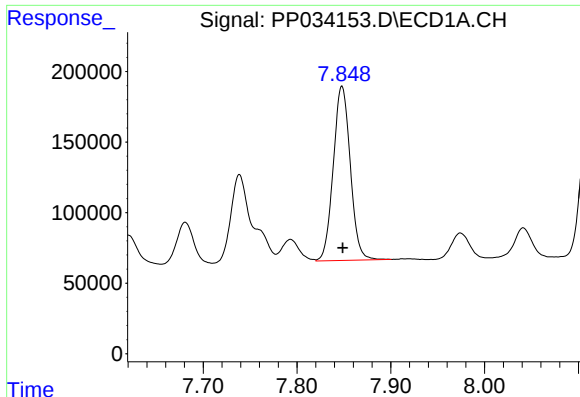
#30 AR-1254-5

R.T.: 8.403 min
Delta R.T.: -0.002 min
Response: 2088618
Conc: 625.66 ng/ml



#30 AR-1254-5

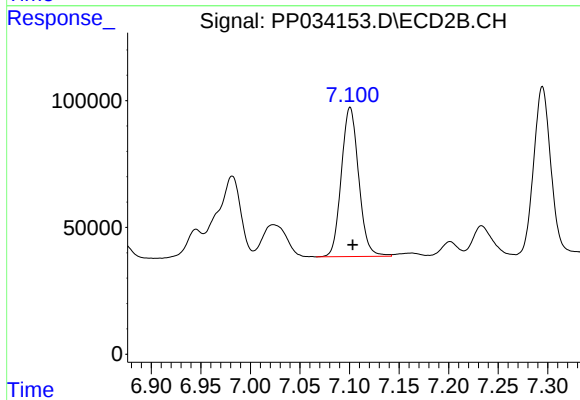
R.T.: 7.629 min
Delta R.T.: -0.003 min
Response: 845506
Conc: 457.91 ng/ml



#31 AR-1260-1

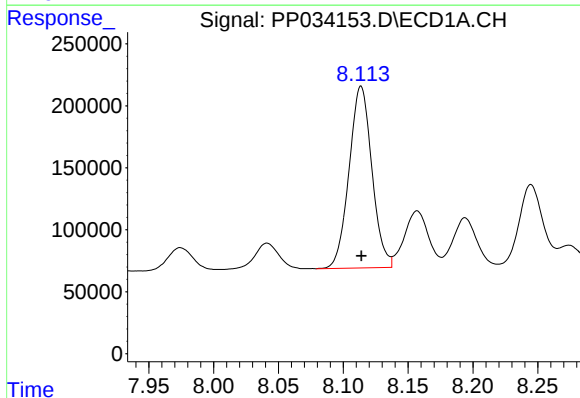
R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 1557161
Conc: 488.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



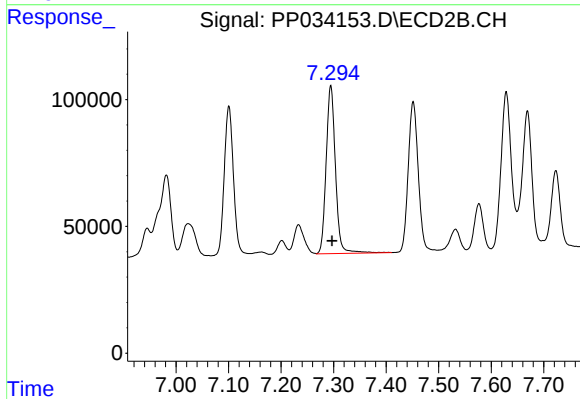
#31 AR-1260-1

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 717167
Conc: 460.03 ng/ml



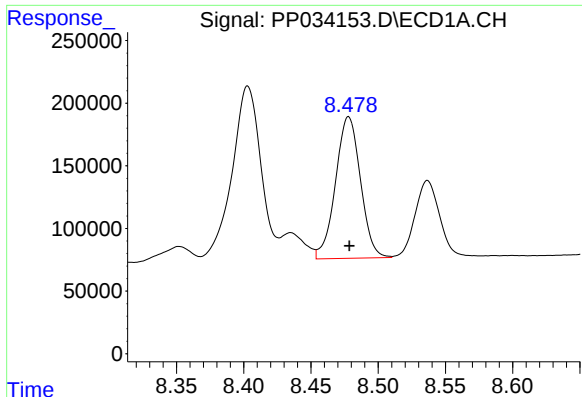
#32 AR-1260-2

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 1798802
Conc: 478.66 ng/ml



#32 AR-1260-2

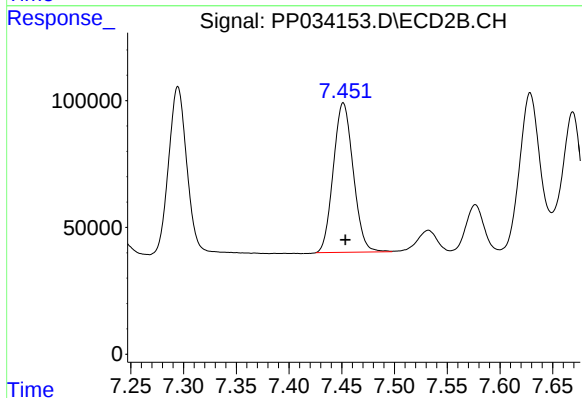
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 817931
Conc: 457.12 ng/ml



#33 AR-1260-3

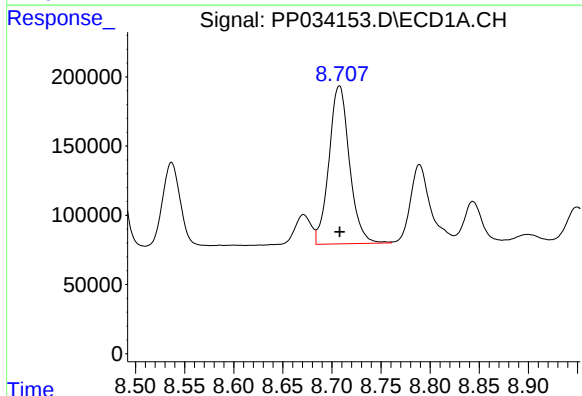
R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 1457919
Conc: 477.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



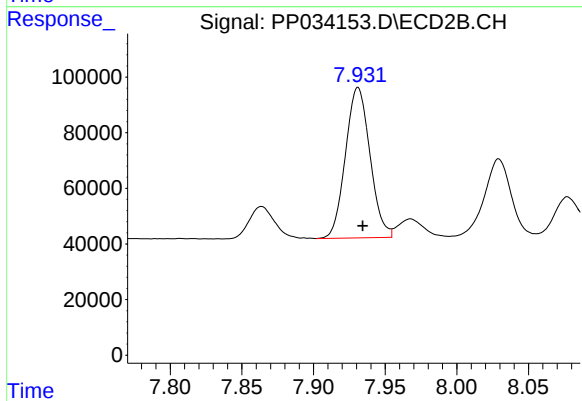
#33 AR-1260-3

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 774412
Conc: 457.66 ng/ml



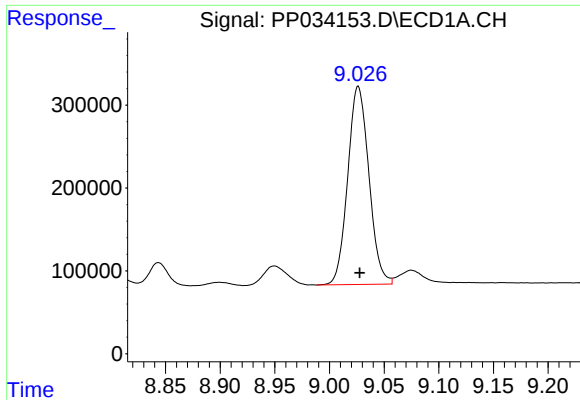
#34 AR-1260-4

R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 1657814
Conc: 476.17 ng/ml



#34 AR-1260-4

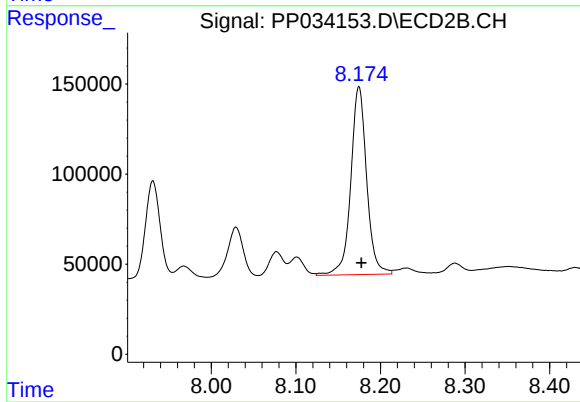
R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 644361
Conc: 452.58 ng/ml



#35 AR-1260-5

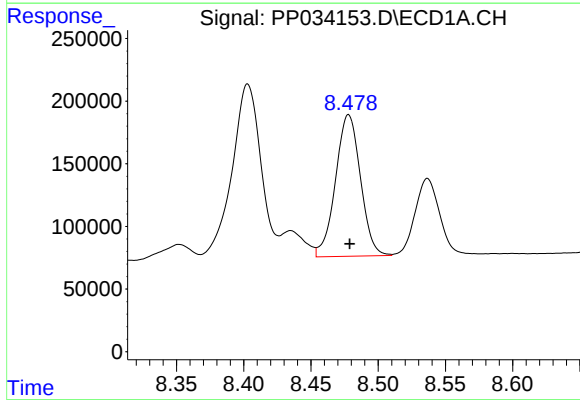
R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 3225307
Conc: 471.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



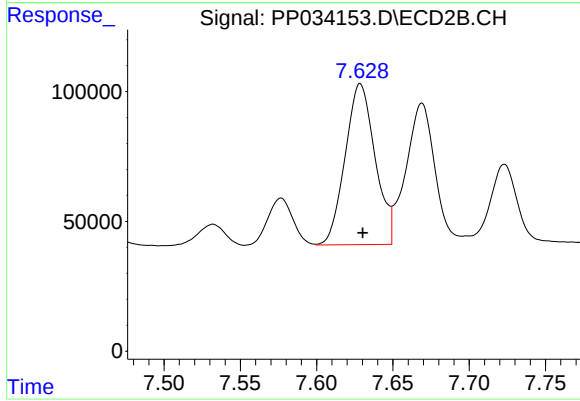
#35 AR-1260-5

R.T.: 8.175 min
Delta R.T.: -0.003 min
Response: 1361781
Conc: 438.55 ng/ml



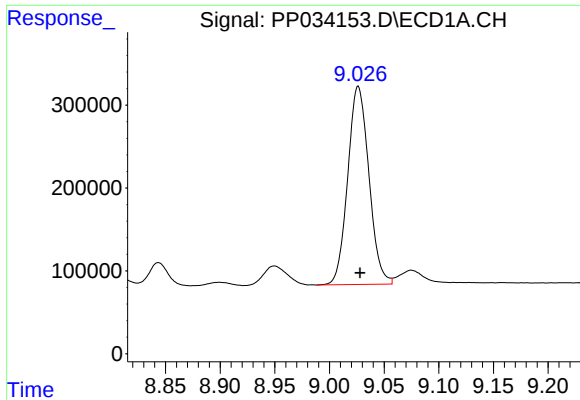
#36 AR-1262-1

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 1457919
Conc: 326.82 ng/ml



#36 AR-1262-1

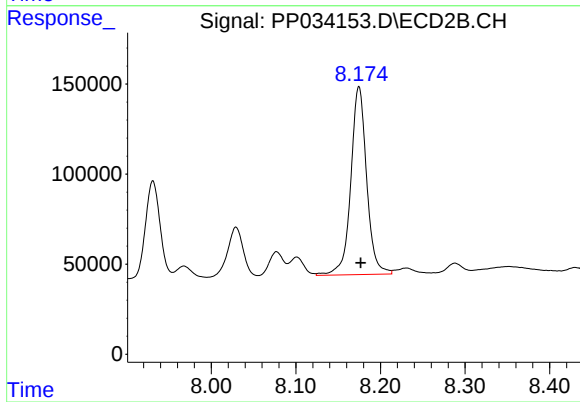
R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 845506
Conc: 837.32 ng/ml



#37 AR-1262-2

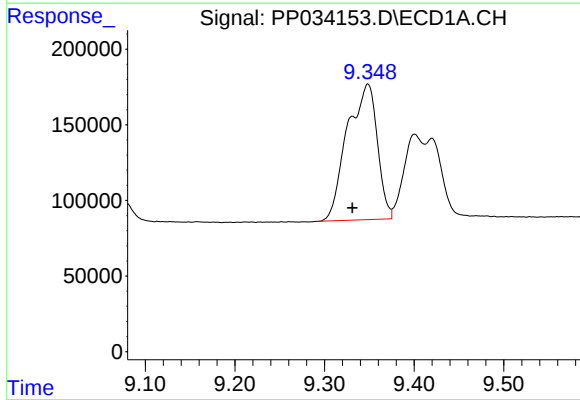
R.T.: 9.026 min
Delta R.T.: -0.002 min
Response: 3225307
Conc: 425.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



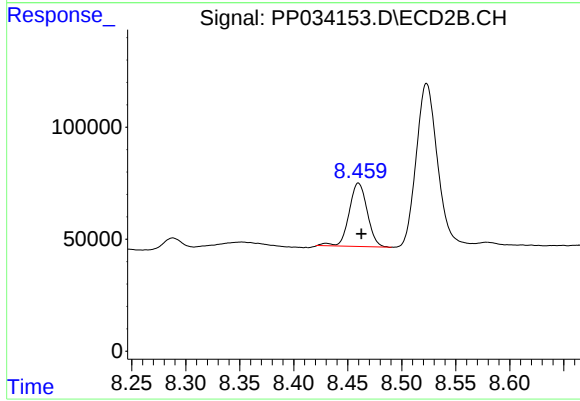
#37 AR-1262-2

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 1361781
Conc: 421.90 ng/ml



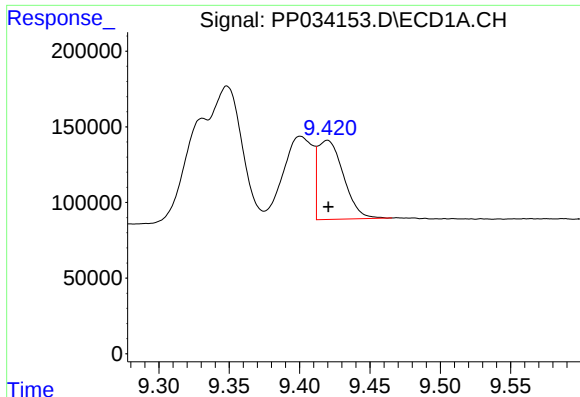
#38 AR-1262-3

R.T.: 9.348 min
Delta R.T.: 0.018 min
Response: 2083211
Conc: 390.76 ng/ml



#38 AR-1262-3

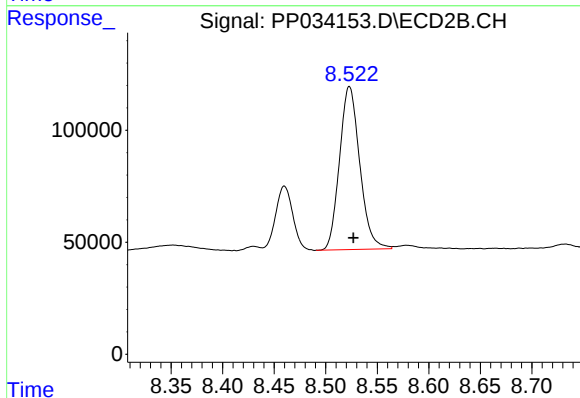
R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 328087
Conc: 239.47 ng/ml



#39 AR-1262-4

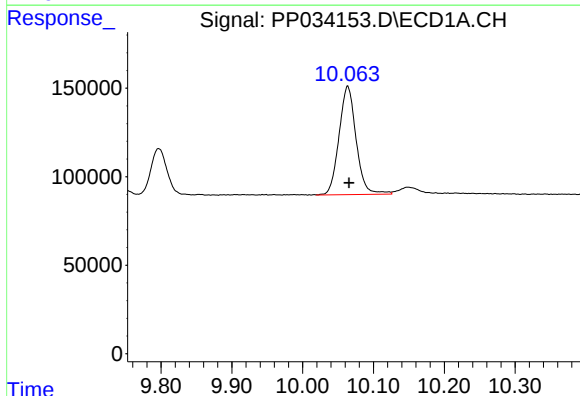
R.T.: 9.420 min
Delta R.T.: 0.000 min
Response: 665230
Conc: 154.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



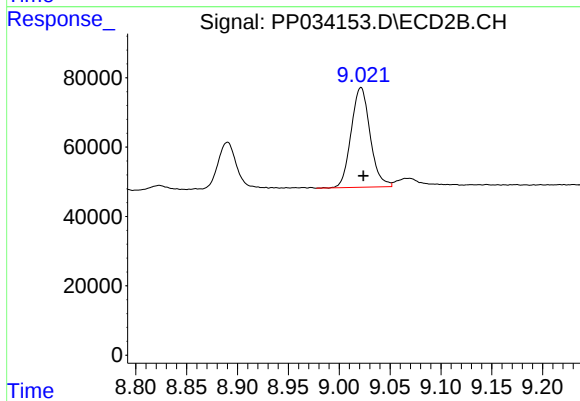
#39 AR-1262-4

R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 994740
Conc: 410.79 ng/ml



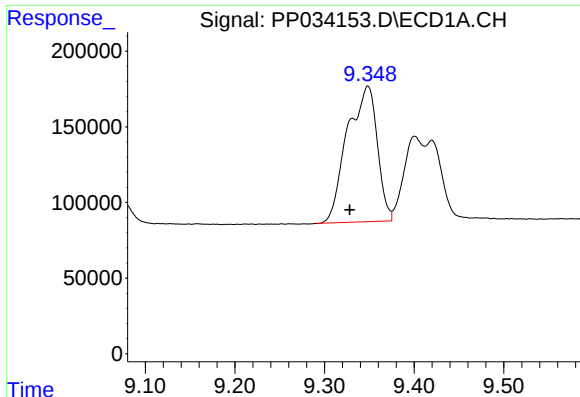
#40 AR-1262-5

R.T.: 10.064 min
Delta R.T.: -0.002 min
Response: 1028886
Conc: 362.28 ng/ml



#40 AR-1262-5

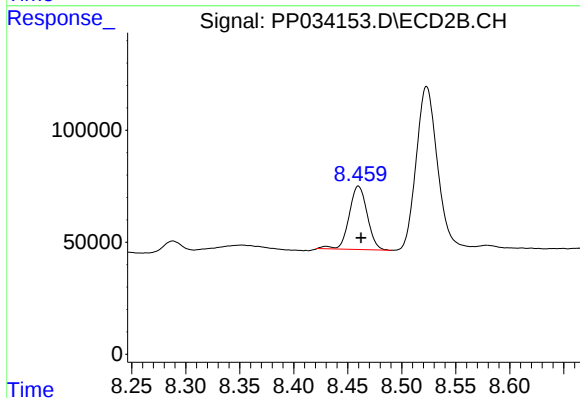
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 374599
Conc: 356.30 ng/ml



#41 AR-1268-1

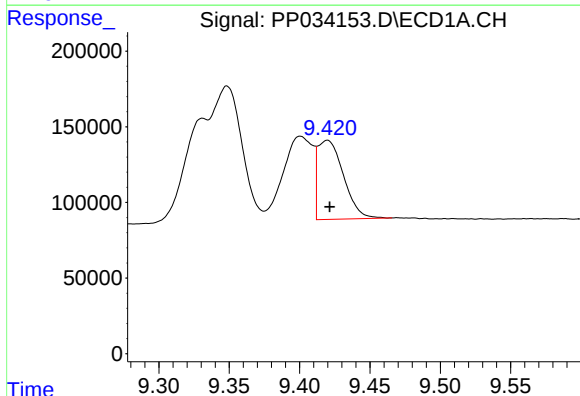
R.T.: 9.348 min
Delta R.T.: 0.020 min
Response: 2083211
Conc: 209.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



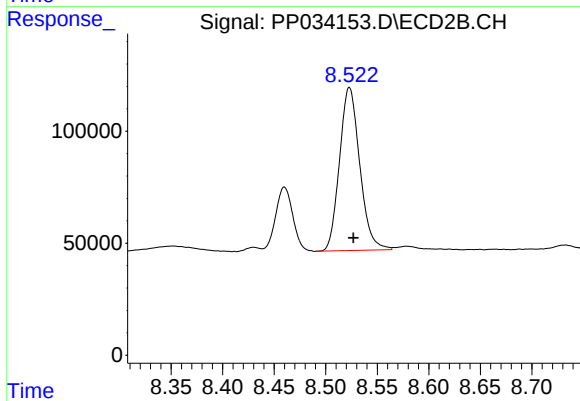
#41 AR-1268-1

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 328087
Conc: 82.89 ng/ml



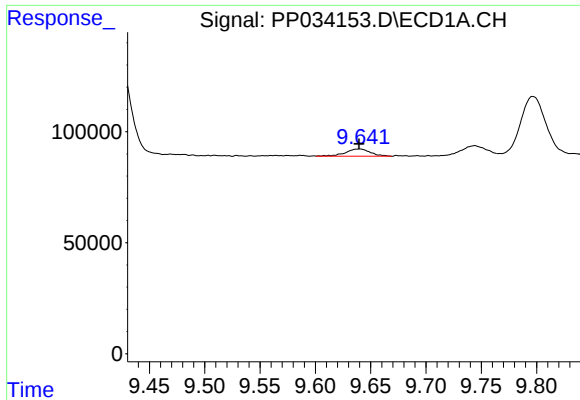
#42 AR-1268-2

R.T.: 9.420 min
Delta R.T.: -0.002 min
Response: 665230
Conc: 71.30 ng/ml



#42 AR-1268-2

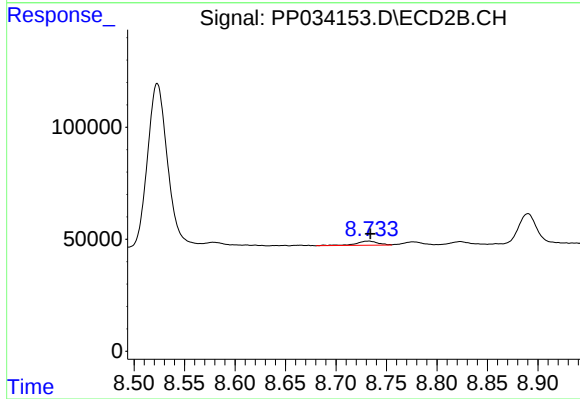
R.T.: 8.523 min
Delta R.T.: -0.004 min
Response: 994740
Conc: 269.48 ng/ml



#43 AR-1268-3

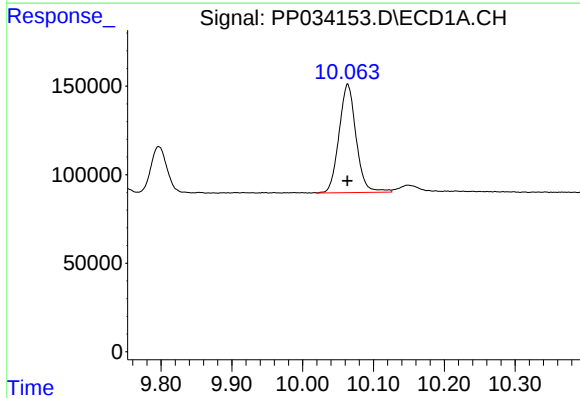
R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 49912
Conc: 5.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



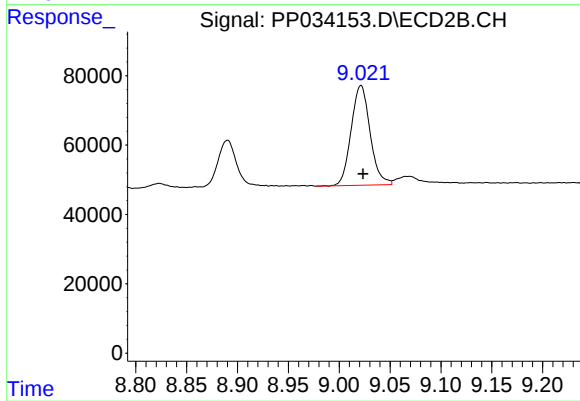
#43 AR-1268-3

R.T.: 8.732 min
Delta R.T.: -0.002 min
Response: 28612
Conc: 8.40 ng/ml



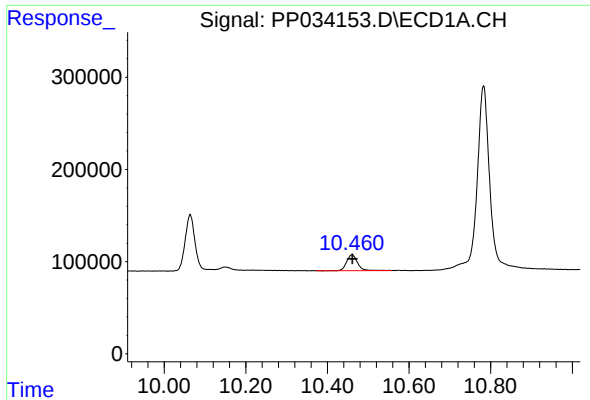
#44 AR-1268-4

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 1028886
Conc: 330.51 ng/ml



#44 AR-1268-4

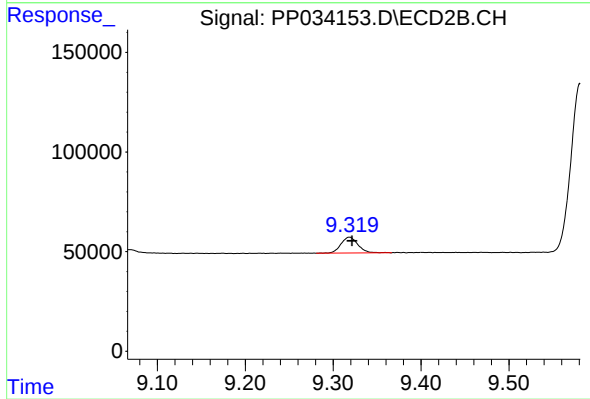
R.T.: 9.021 min
Delta R.T.: -0.002 min
Response: 374599
Conc: 311.29 ng/ml



#45 AR-1268-5

R.T.: 10.460 min
Delta R.T.: 0.000 min
Response: 319595
Conc: 11.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.319 min
Delta R.T.: -0.003 min
Response: 106719
Conc: 11.45 ng/ml