

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071221\
 Data File : PP037219.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Jul 2021 11:13
 Operator : DD\AJ
 Sample : M2993-04DL 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 15:12:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 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...	0.000	3.949	0	15988	N.D.	0.584 #
2)	SA Decachlor...	10.990	9.244	37208	18090	0.808	0.650
Target Compounds							
3)	L1 AR-1016-1	6.278	5.200	488166	300909	280.925	291.183
4)	L1 AR-1016-2	6.303	5.219	794862	443917	317.933	310.052
5)	L1 AR-1016-3	6.368	5.410	562075	382978	352.909	490.179 #
6)	L1 AR-1016-4	6.475	5.463	648878	412117	492.101	682.777 #
7)	L1 AR-1016-5	6.790	5.691	1182198	750608	934.538	972.046
8)	L2 AR-1221-1	5.195f	0.000	35754	0	67.413	N.D. #
9)	L2 AR-1221-2	5.306	0.000	24954	0	61.595	N.D. #
10)	L2 AR-1221-3	5.394	4.392	112831	53805	92.603	72.339
11)	L3 AR-1232-1	5.394	4.392	112831	53805	101.548	79.245
12)	L3 AR-1232-2	5.983	5.219	392539	443917	658.319	709.233
13)	L3 AR-1232-3	6.303	5.410	794862	382978	726.395	1153.503 #
14)	L3 AR-1232-4	6.475	5.507	648878	456231	1117.648	1654.747 #
15)	L3 AR-1232-5	6.572	5.691	686414	750608	1784.808	2524.997 #
16)	L4 AR-1242-1	6.278	5.200	488166	300909	382.969	399.243
17)	L4 AR-1242-2	6.303	5.219	794862	443917	438.395	431.419
18)	L4 AR-1242-3	6.368	5.410	562075	382978	488.691	672.579 #
19)	L4 AR-1242-4	6.475	5.507	648878	456231	677.819	885.237 #
20)	L4 AR-1242-5	7.258	6.070	1340466	1233630	1288.958	1812.355 #
21)	L5 AR-1248-1	6.278	5.200	488166	300909	465.109	476.825
22)	L5 AR-1248-2	6.572	5.463	686414	412117	462.371	502.416
23)	L5 AR-1248-3	6.790	5.507	1182198	456231	715.702	533.121 #
24)	L5 AR-1248-4	7.219	5.691	1350150	750608	714.324	737.572
25)	L5 AR-1248-5	7.258	6.113	1340466	747930	716.212	705.099
26)	L6 AR-1254-1	7.188	6.070	1250222	1233630	695.923	830.966
27)	L6 AR-1254-2	7.421	6.231	2074893	488400	745.915	375.980 #
28)	L6 AR-1254-3	7.799	6.650	1471245	1043184	477.209	488.833
29)	L6 AR-1254-4	8.094	6.890	882514	528228	388.526	389.339
30)	L6 AR-1254-5	8.523	7.319	908942	758693	363.229	404.714
31)	L7 AR-1260-1	7.966	6.792	468815	644190	212.959	466.192 #
32)	L7 AR-1260-2	8.230	6.986	582189	282220	209.287	167.995
33)	L7 AR-1260-3	8.592	7.137	179885	412536	89.000	240.770 #
34)	L7 AR-1260-4	8.821	7.623	443905	62424	180.463	45.916 #
35)	L7 AR-1260-5	9.155	7.872	209068	89630	45.308	27.789 #
36)	L8 AR-1262-1	8.592	7.319	179885	758693	61.763	730.643 #
37)	L8 AR-1262-2	9.155	7.872	209068	89630	39.809	25.766 #
38)	L8 AR-1262-3	9.490f	8.159	148053	22707	38.640	16.128 #
39)	L8 AR-1262-4	9.541f	8.219	60897	98869	20.724	37.127 #
40)	L8 AR-1262-5	10.231	8.720	15173	13038	7.136	10.315 #
41)	L9 AR-1268-1	9.490f	8.159	148053	22707	24.380	5.698 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 12 15:12:31 2021
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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	9.541f	8.219	60897	98869	10.595	26.713 #
44) L9	AR-1268-4	10.231	8.720	15173	13038	6.632	9.514 #

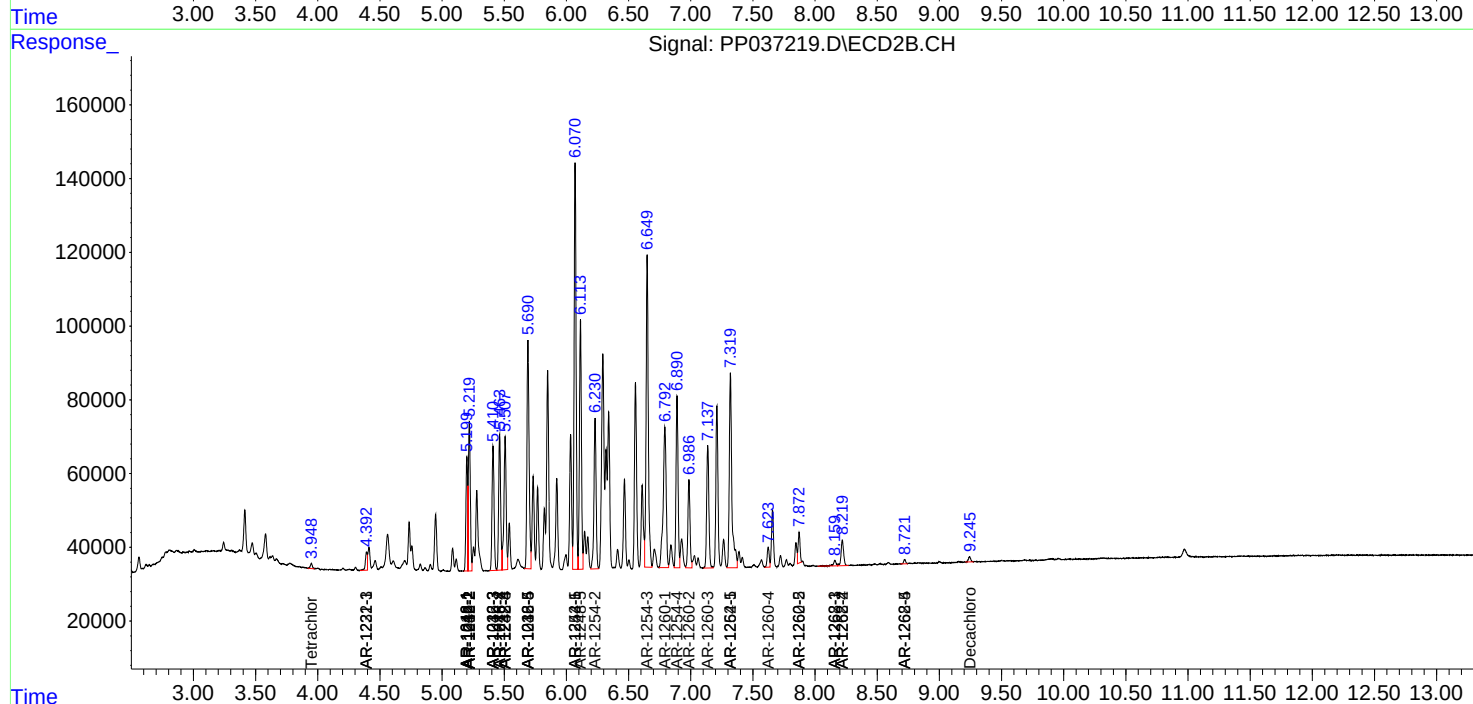
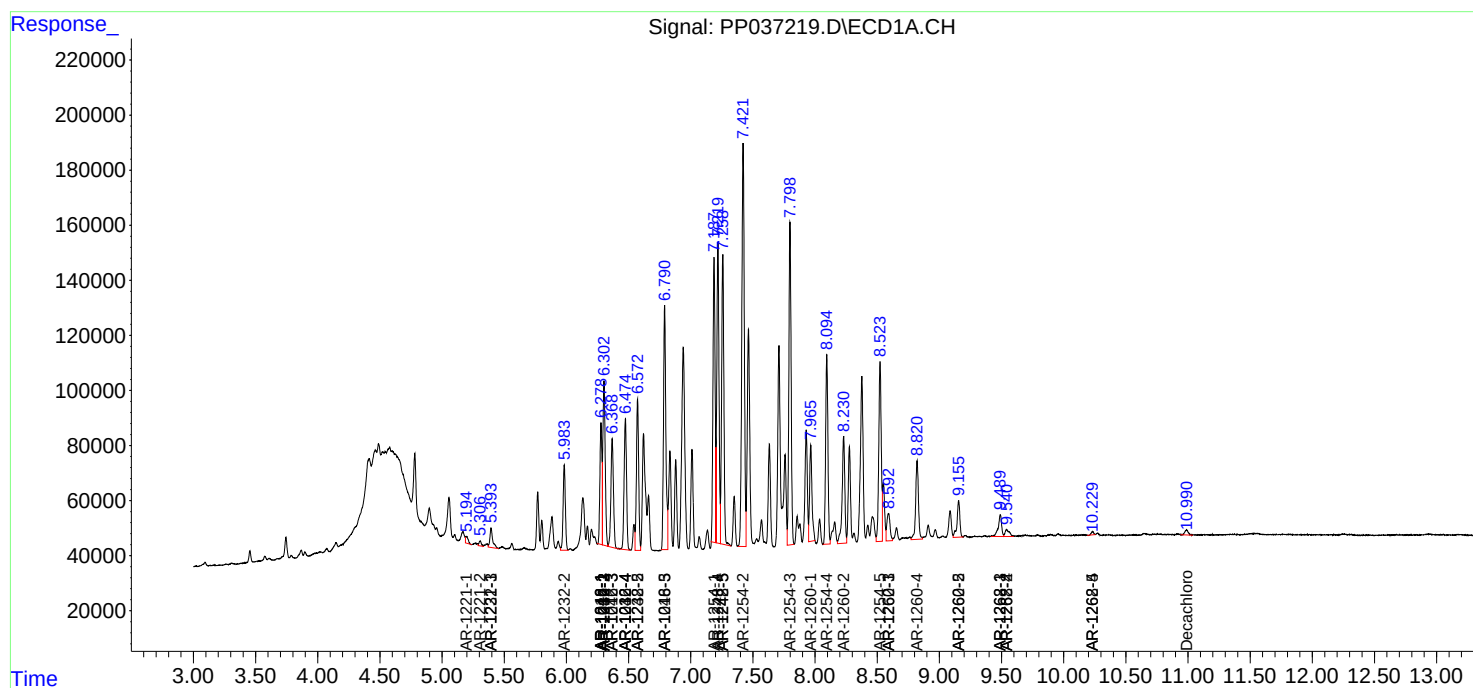
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

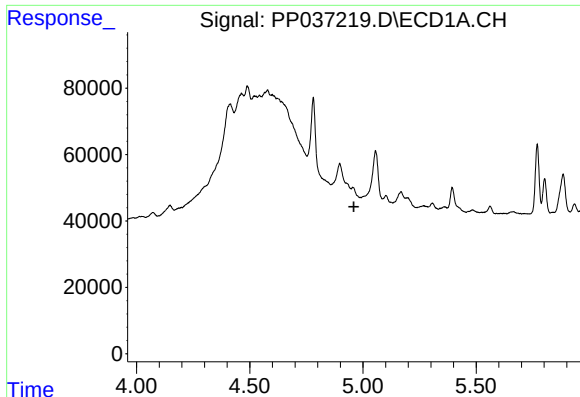
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071221\
Data File : PP037219.D
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Sample : M2993-04DL 50X
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

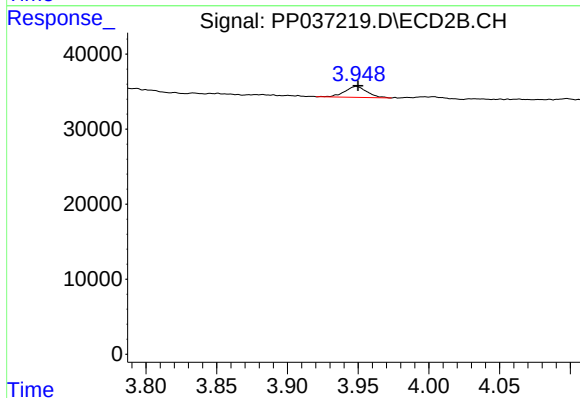




#1 Tetrachloro-m-xylene

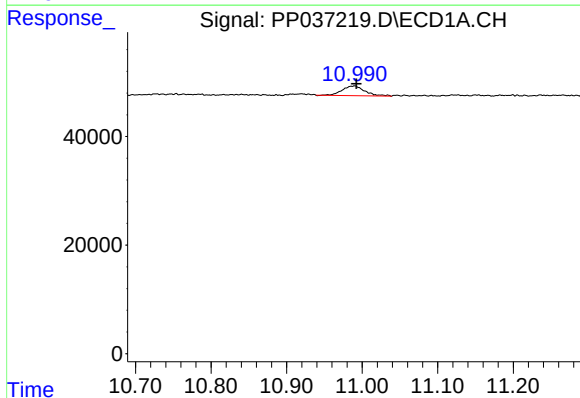
R.T.: 0.000 min
Exp R.T.: 4.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



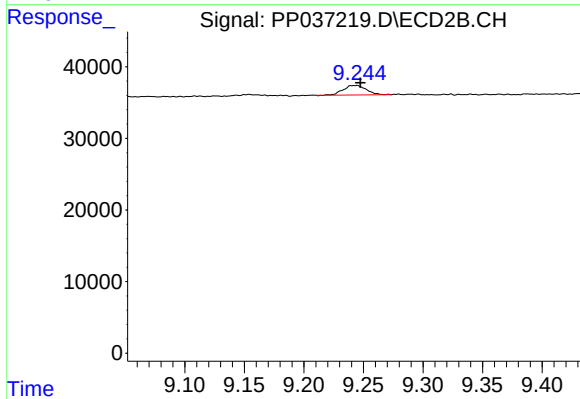
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.001 min
Response: 15988
Conc: 0.58 ng/ml



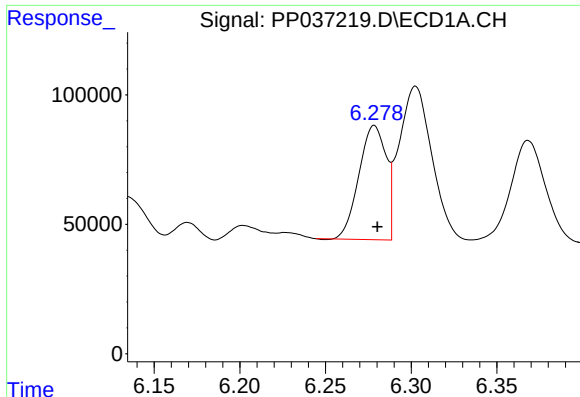
#2 Decachlorobiphenyl

R.T.: 10.990 min
Delta R.T.: -0.002 min
Response: 37208
Conc: 0.81 ng/ml



#2 Decachlorobiphenyl

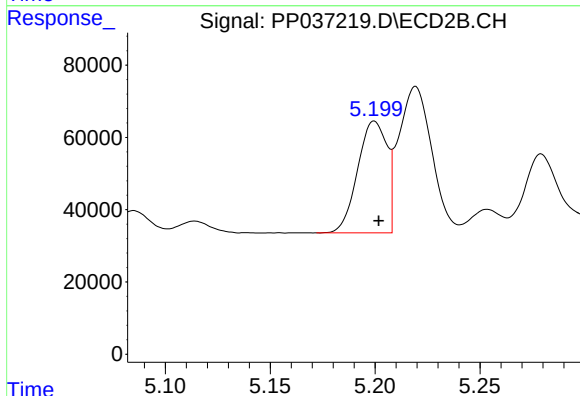
R.T.: 9.244 min
Delta R.T.: -0.003 min
Response: 18090
Conc: 0.65 ng/ml



#3 AR-1016-1

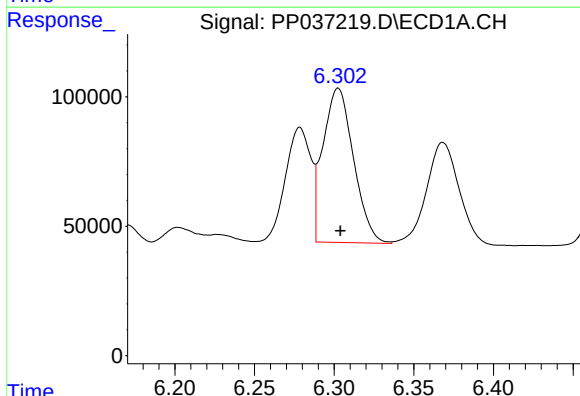
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 488166
Conc: 280.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



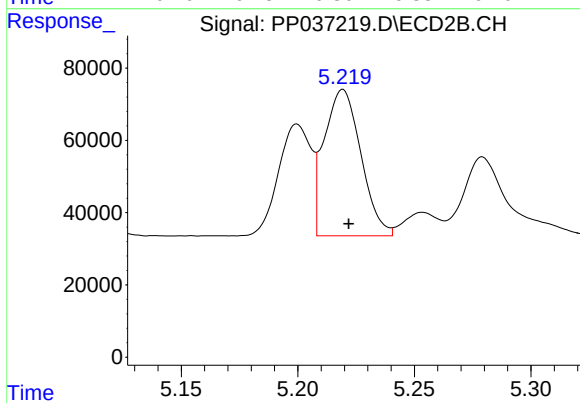
#3 AR-1016-1

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 300909
Conc: 291.18 ng/ml



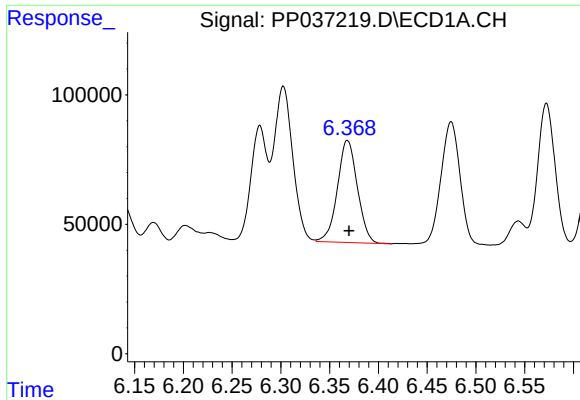
#4 AR-1016-2

R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 794862
Conc: 317.93 ng/ml



#4 AR-1016-2

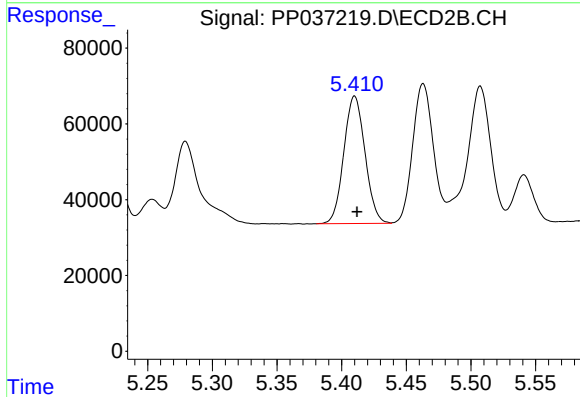
R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 443917
Conc: 310.05 ng/ml



#5 AR-1016-3

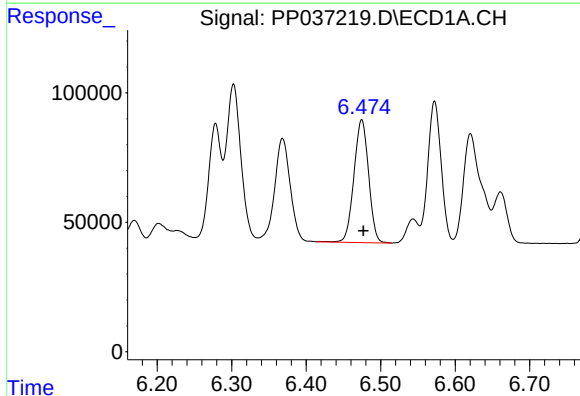
R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 562075
Conc: 352.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



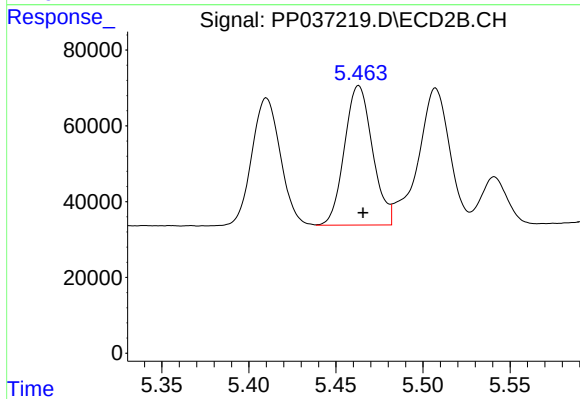
#5 AR-1016-3

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 382978
Conc: 490.18 ng/ml



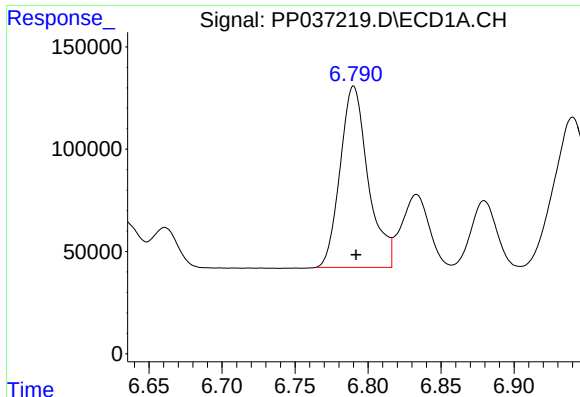
#6 AR-1016-4

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 648878
Conc: 490.10 ng/ml



#6 AR-1016-4

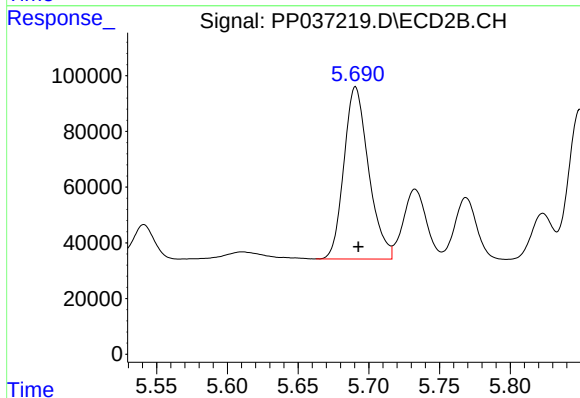
R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 412117
Conc: 682.78 ng/ml



#7 AR-1016-5

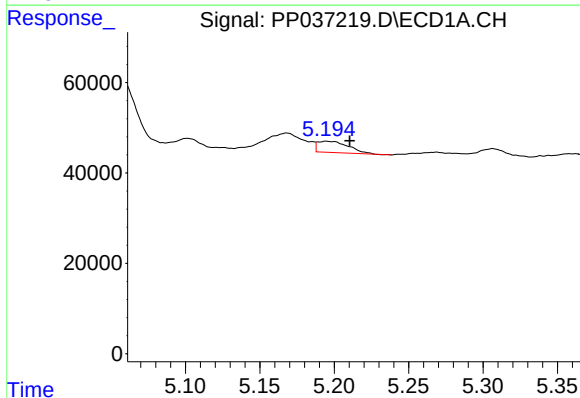
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 1182198
Conc: 934.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



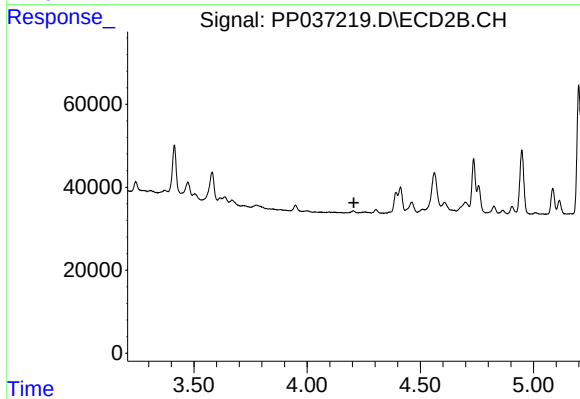
#7 AR-1016-5

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 750608
Conc: 972.05 ng/ml



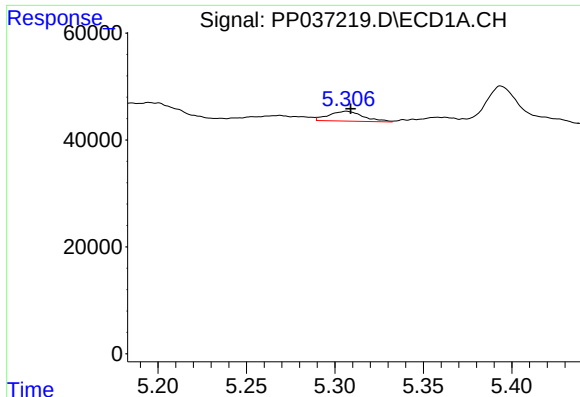
#8 AR-1221-1

R.T.: 5.195 min
Delta R.T.: -0.016 min
Response: 35754
Conc: 67.41 ng/ml



#8 AR-1221-1

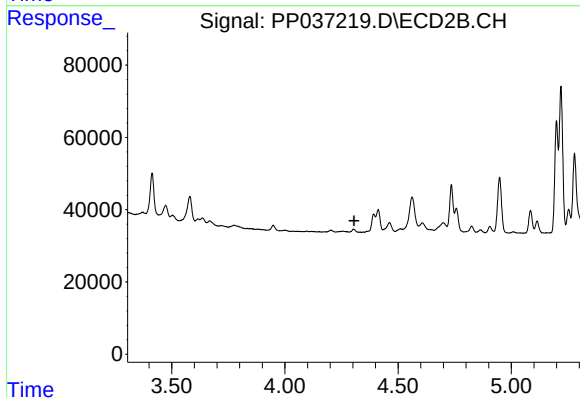
R.T.: 0.000 min
Exp R.T.: 4.207 min
Response: 0
Conc: N.D.



#9 AR-1221-2

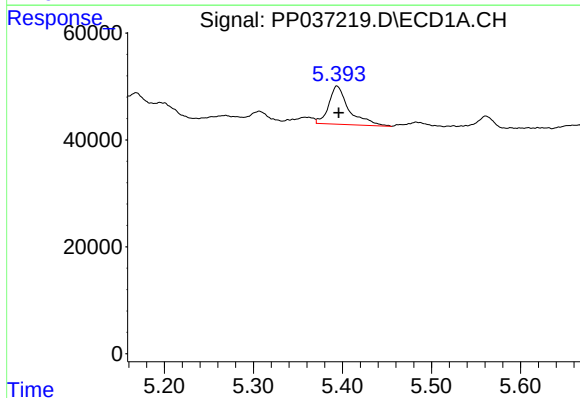
R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 24954
Conc: 61.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



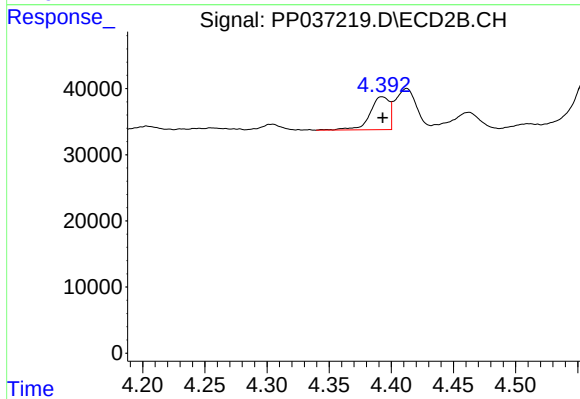
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.305 min
Response: 0
Conc: N.D.



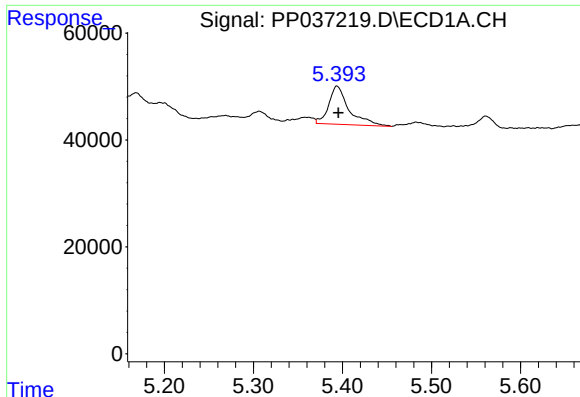
#10 AR-1221-3

R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 112831
Conc: 92.60 ng/ml



#10 AR-1221-3

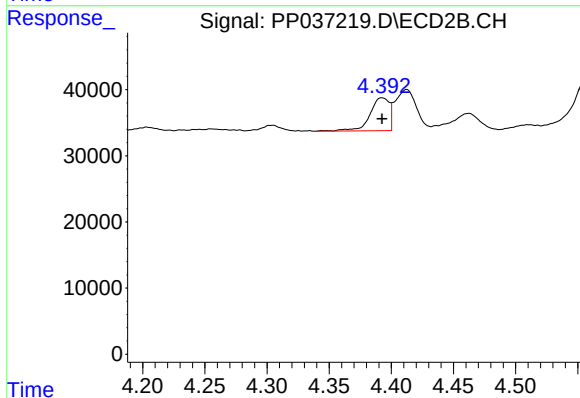
R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 53805
Conc: 72.34 ng/ml



#11 AR-1232-1

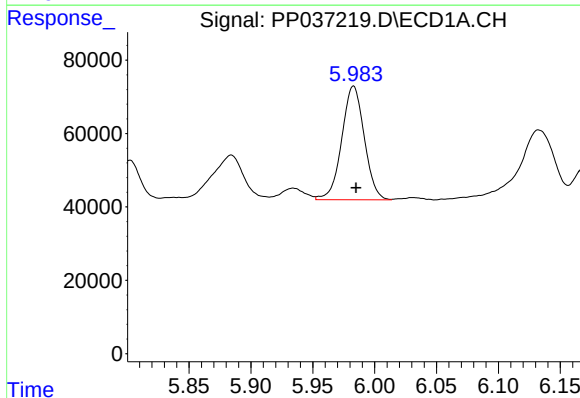
R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 112831
Conc: 101.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



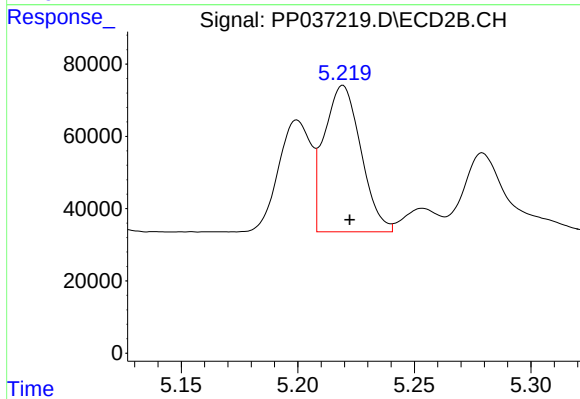
#11 AR-1232-1

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 53805
Conc: 79.24 ng/ml



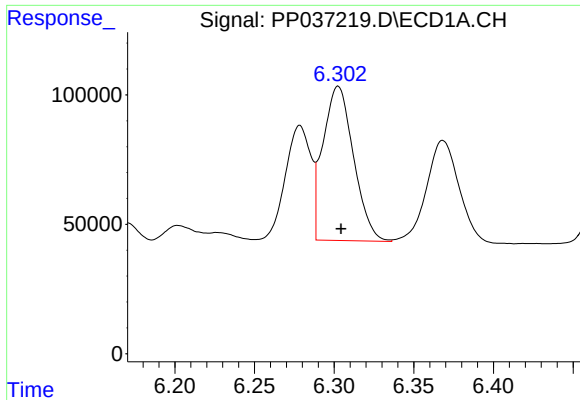
#12 AR-1232-2

R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 392539
Conc: 658.32 ng/ml



#12 AR-1232-2

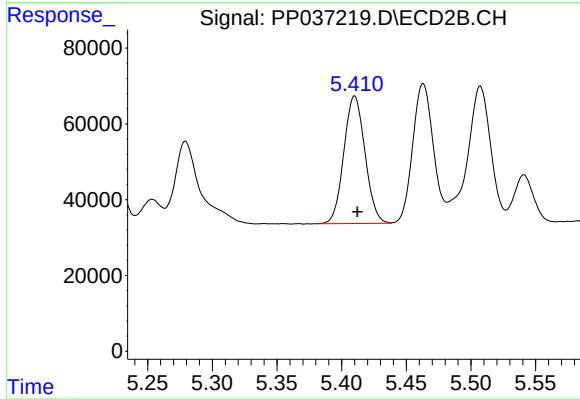
R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 443917
Conc: 709.23 ng/ml



#13 AR-1232-3

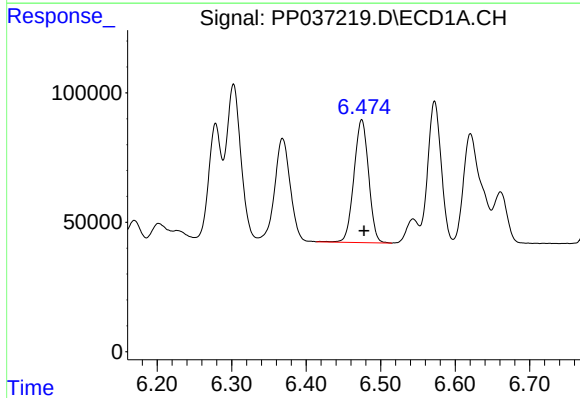
R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 794862
Conc: 726.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



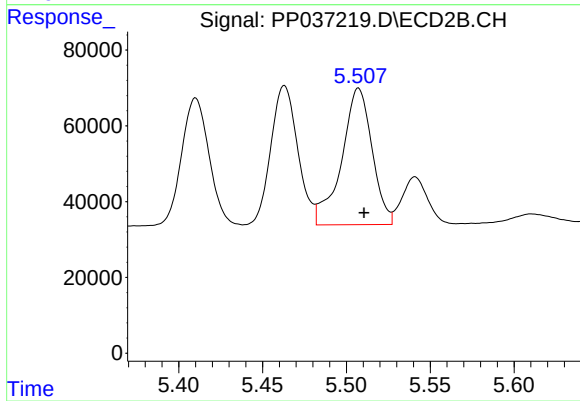
#13 AR-1232-3

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 382978
Conc: 1153.50 ng/ml



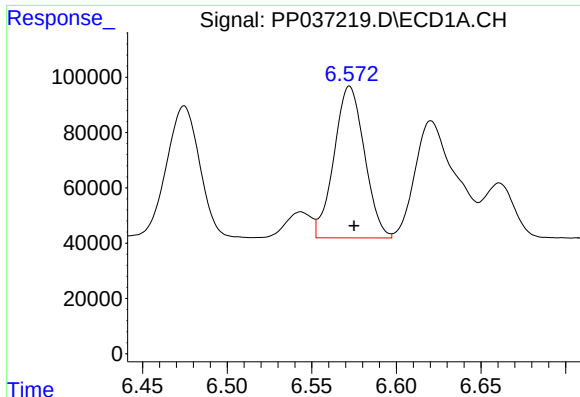
#14 AR-1232-4

R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 648878
Conc: 1117.65 ng/ml



#14 AR-1232-4

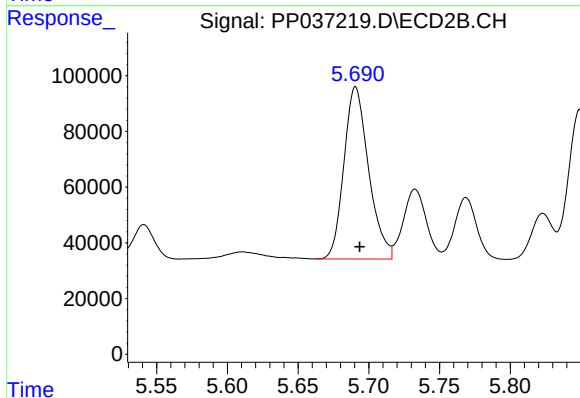
R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 456231
Conc: 1654.75 ng/ml



#15 AR-1232-5

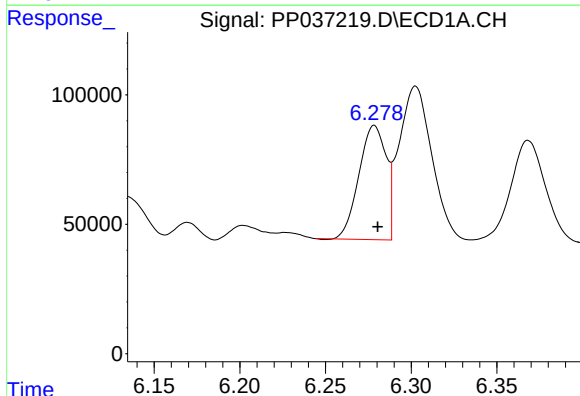
R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 686414
Conc: 1784.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



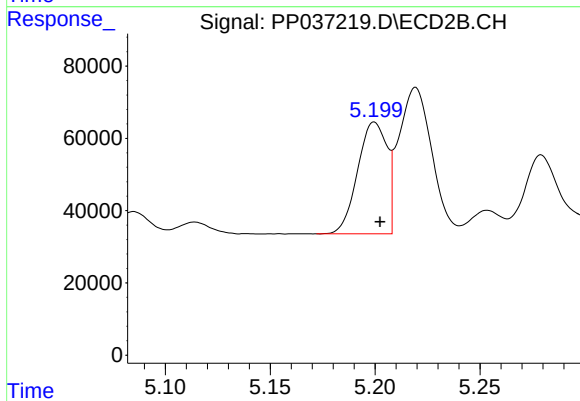
#15 AR-1232-5

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 750608
Conc: 2525.00 ng/ml



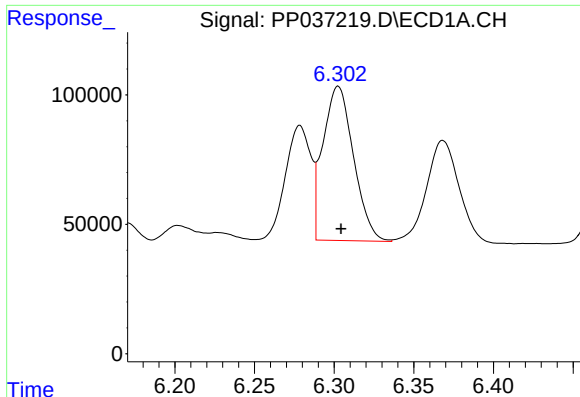
#16 AR-1242-1

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 488166
Conc: 382.97 ng/ml



#16 AR-1242-1

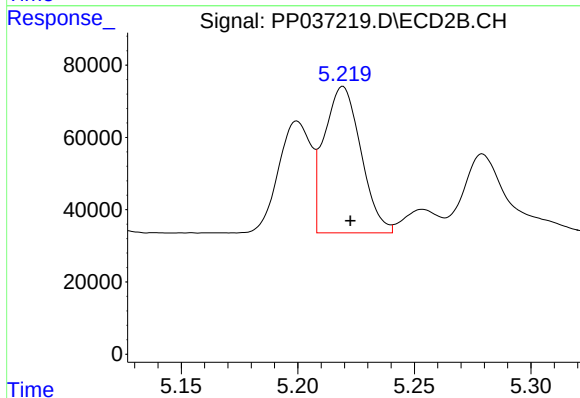
R.T.: 5.200 min
Delta R.T.: -0.003 min
Response: 300909
Conc: 399.24 ng/ml



#17 AR-1242-2

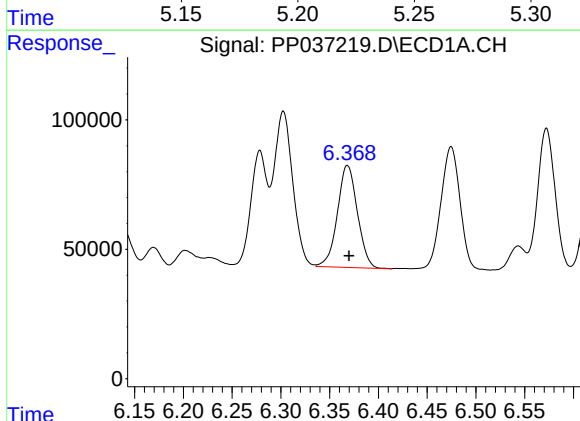
R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 794862
Conc: 438.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



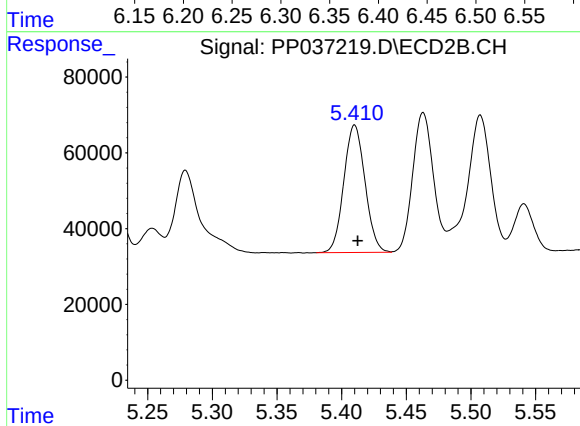
#17 AR-1242-2

R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 443917
Conc: 431.42 ng/ml



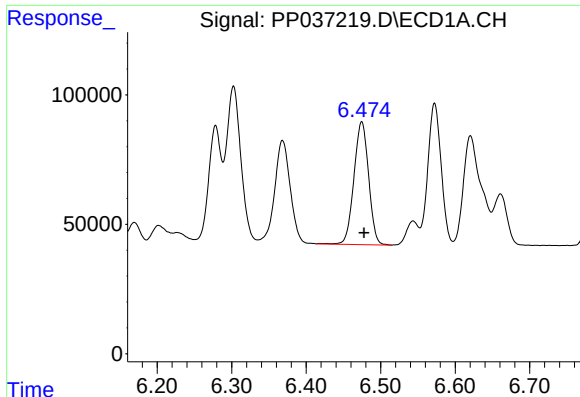
#18 AR-1242-3

R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 562075
Conc: 488.69 ng/ml



#18 AR-1242-3

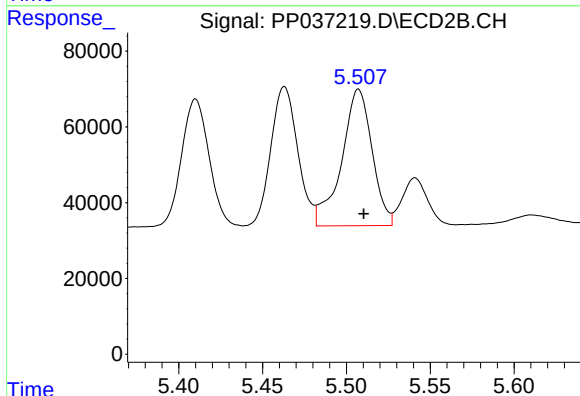
R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 382978
Conc: 672.58 ng/ml



#19 AR-1242-4

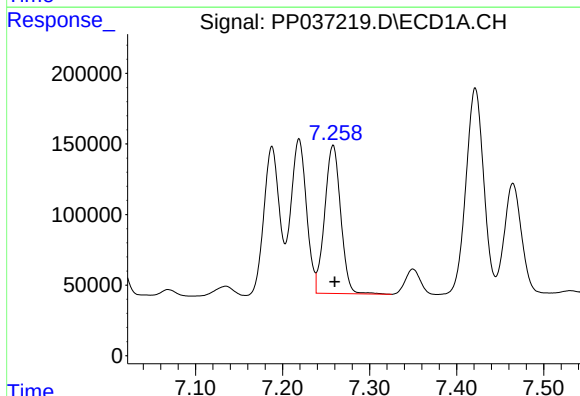
R.T.: 6.475 min
Delta R.T.: -0.003 min
Response: 648878
Conc: 677.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



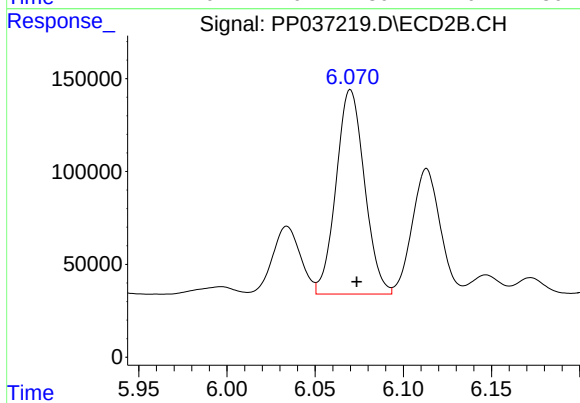
#19 AR-1242-4

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 456231
Conc: 885.24 ng/ml



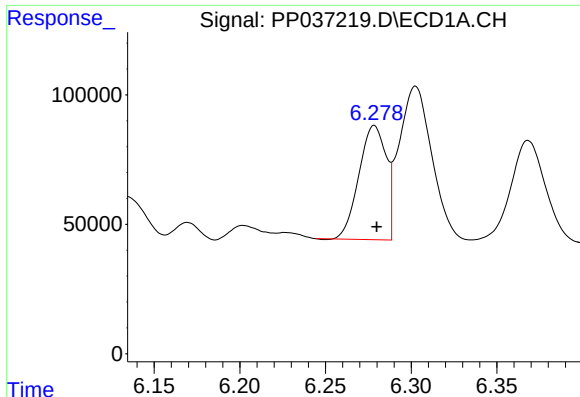
#20 AR-1242-5

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 1340466
Conc: 1288.96 ng/ml



#20 AR-1242-5

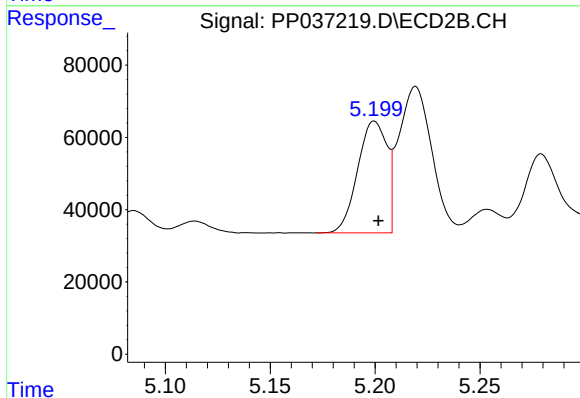
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1233630
Conc: 1812.36 ng/ml



#21 AR-1248-1

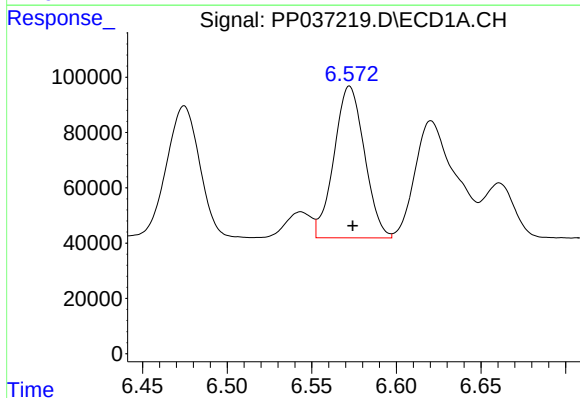
R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 488166
Conc: 465.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



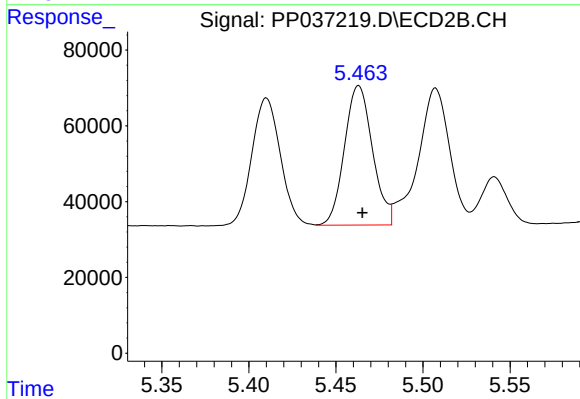
#21 AR-1248-1

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 300909
Conc: 476.82 ng/ml



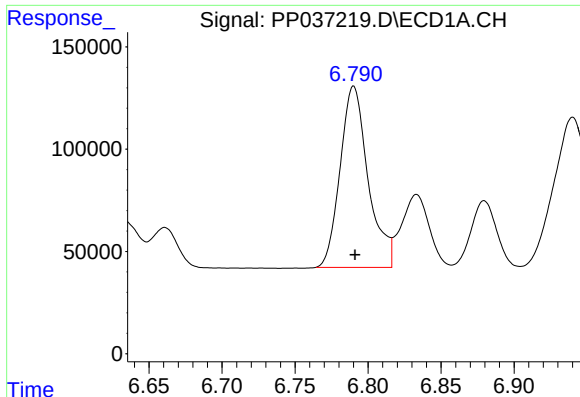
#22 AR-1248-2

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 686414
Conc: 462.37 ng/ml



#22 AR-1248-2

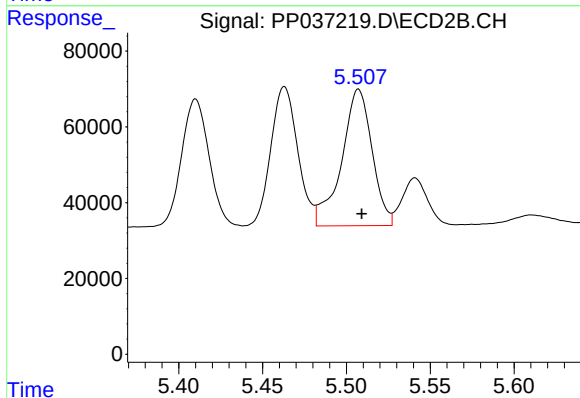
R.T.: 5.463 min
Delta R.T.: -0.002 min
Response: 412117
Conc: 502.42 ng/ml



#23 AR-1248-3

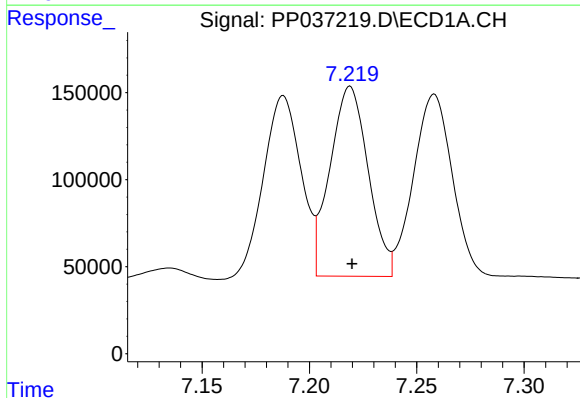
R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 1182198
Conc: 715.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



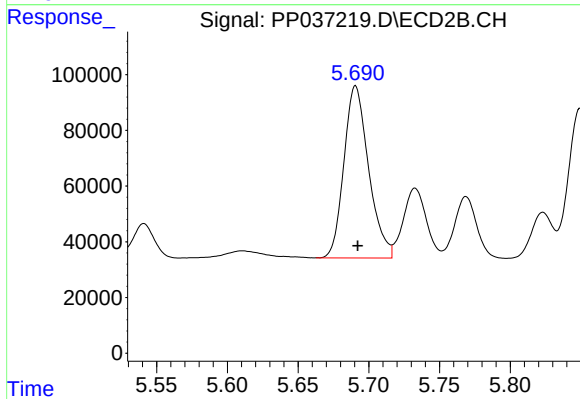
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 456231
Conc: 533.12 ng/ml



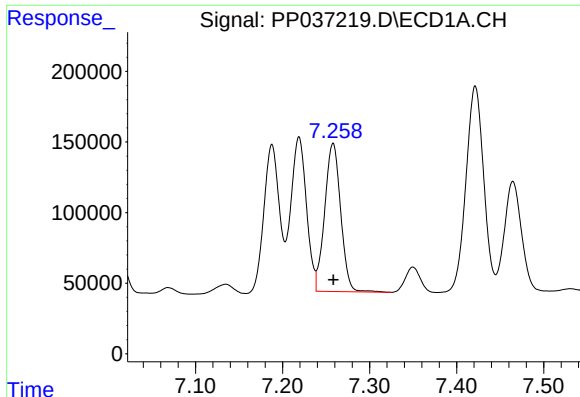
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 1350150
Conc: 714.32 ng/ml



#24 AR-1248-4

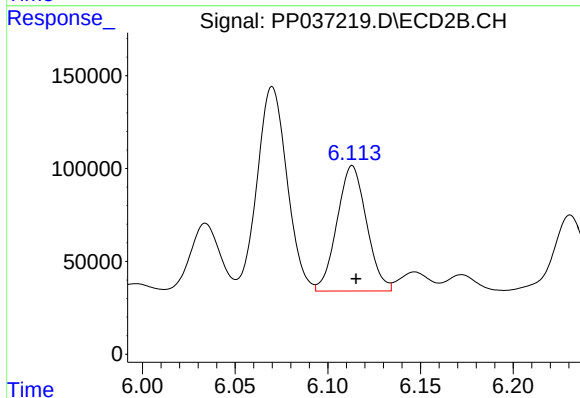
R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 750608
Conc: 737.57 ng/ml



#25 AR-1248-5

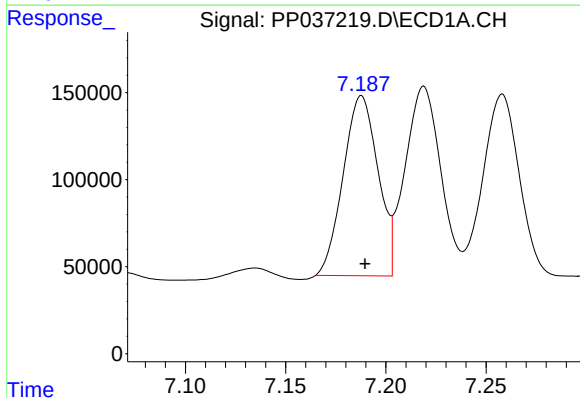
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 1340466
Conc: 716.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



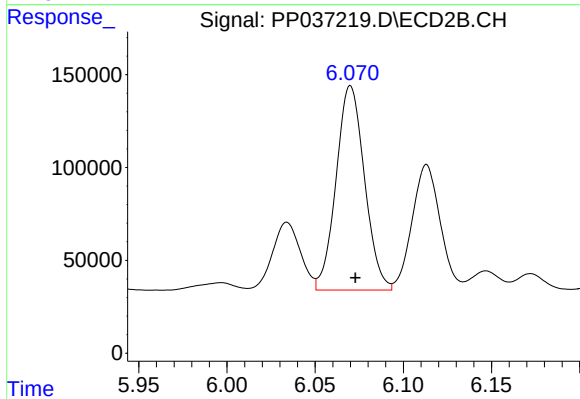
#25 AR-1248-5

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 747930
Conc: 705.10 ng/ml



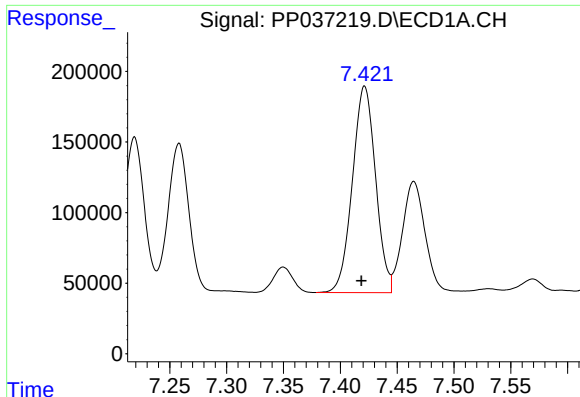
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 1250222
Conc: 695.92 ng/ml



#26 AR-1254-1

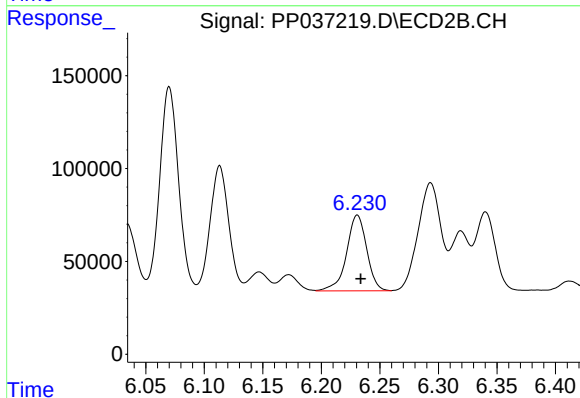
R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1233630
Conc: 830.97 ng/ml



#27 AR-1254-2

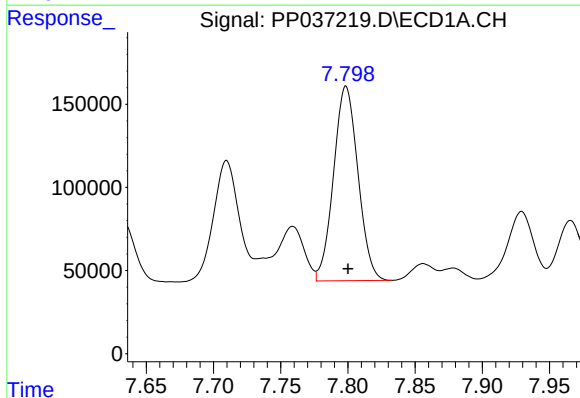
R.T.: 7.421 min
Delta R.T.: 0.003 min
Response: 2074893
Conc: 745.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



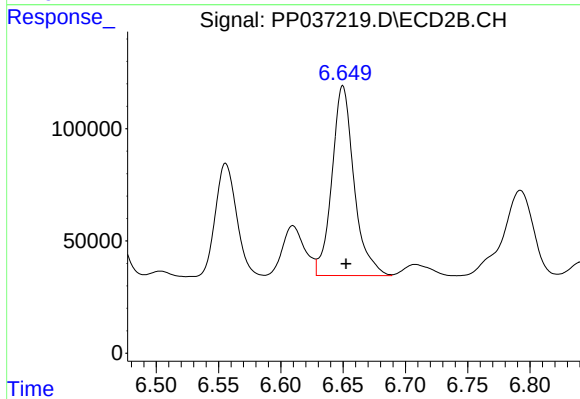
#27 AR-1254-2

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 488400
Conc: 375.98 ng/ml



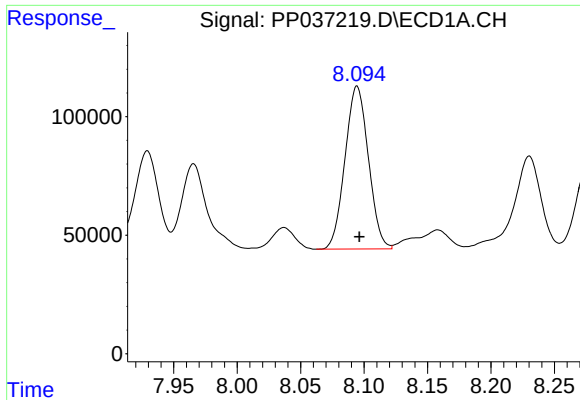
#28 AR-1254-3

R.T.: 7.799 min
Delta R.T.: -0.002 min
Response: 1471245
Conc: 477.21 ng/ml



#28 AR-1254-3

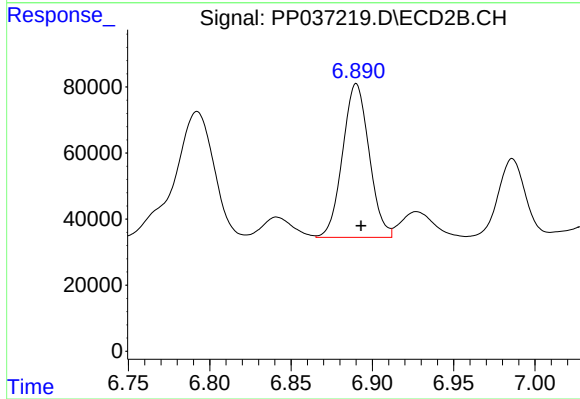
R.T.: 6.650 min
Delta R.T.: -0.003 min
Response: 1043184
Conc: 488.83 ng/ml



#29 AR-1254-4

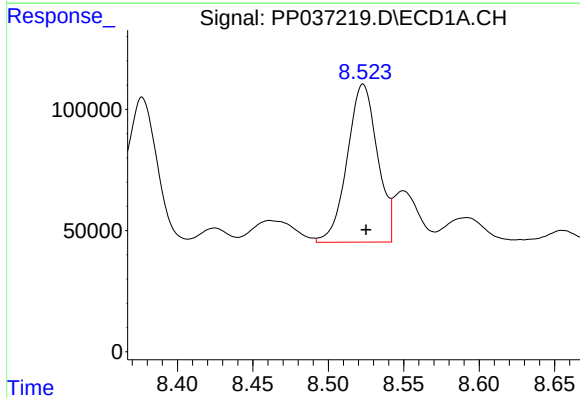
R.T.: 8.094 min
Delta R.T.: -0.002 min
Response: 882514
Conc: 388.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



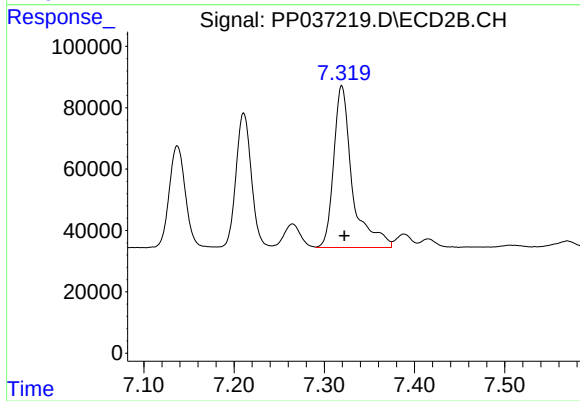
#29 AR-1254-4

R.T.: 6.890 min
Delta R.T.: -0.003 min
Response: 528228
Conc: 389.34 ng/ml



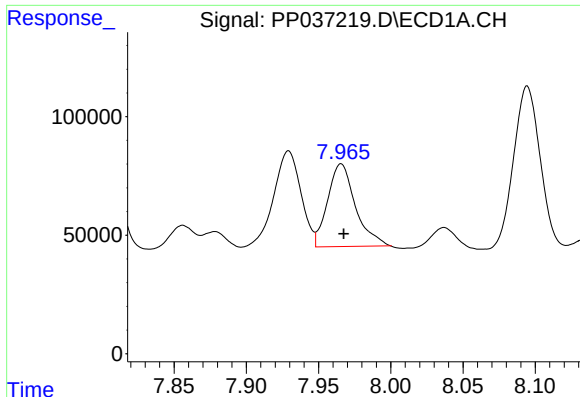
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 908942
Conc: 363.23 ng/ml



#30 AR-1254-5

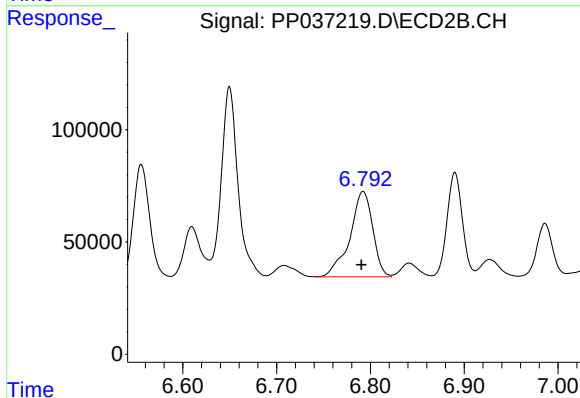
R.T.: 7.319 min
Delta R.T.: -0.003 min
Response: 758693
Conc: 404.71 ng/ml



#31 AR-1260-1

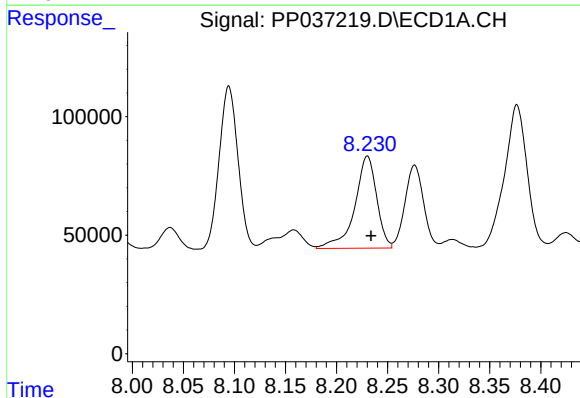
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 468815
Conc: 212.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



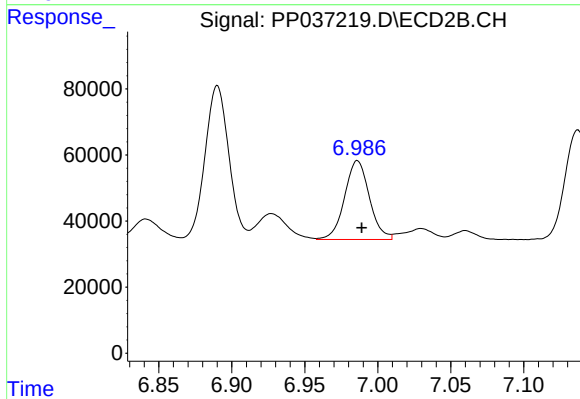
#31 AR-1260-1

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 644190
Conc: 466.19 ng/ml



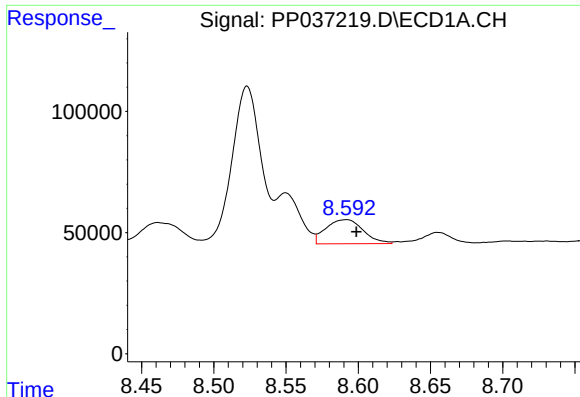
#32 AR-1260-2

R.T.: 8.230 min
Delta R.T.: -0.004 min
Response: 582189
Conc: 209.29 ng/ml



#32 AR-1260-2

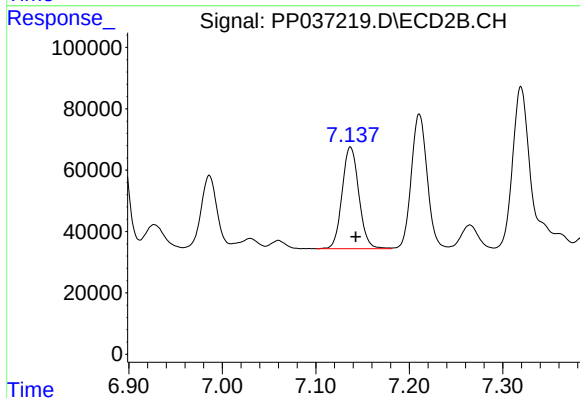
R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 282220
Conc: 167.99 ng/ml



#33 AR-1260-3

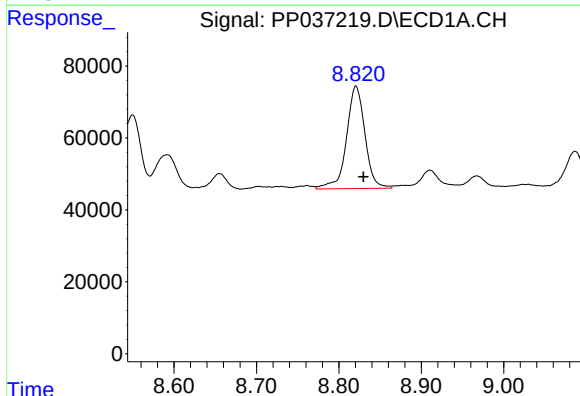
R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 179885
Conc: 89.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



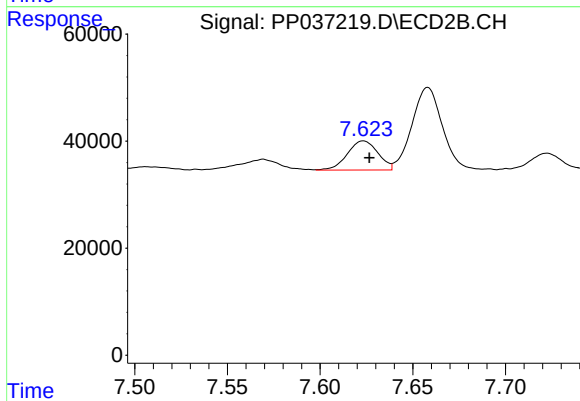
#33 AR-1260-3

R.T.: 7.137 min
Delta R.T.: -0.006 min
Response: 412536
Conc: 240.77 ng/ml



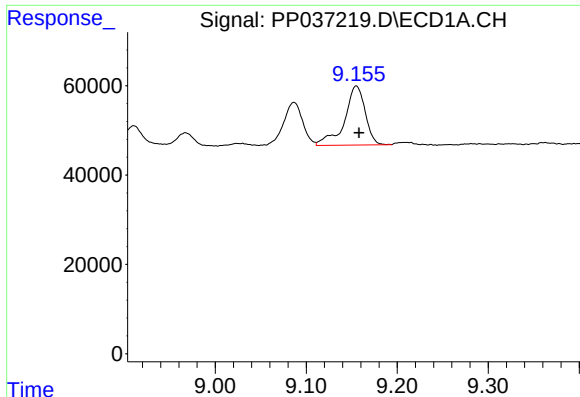
#34 AR-1260-4

R.T.: 8.821 min
Delta R.T.: -0.009 min
Response: 443905
Conc: 180.46 ng/ml



#34 AR-1260-4

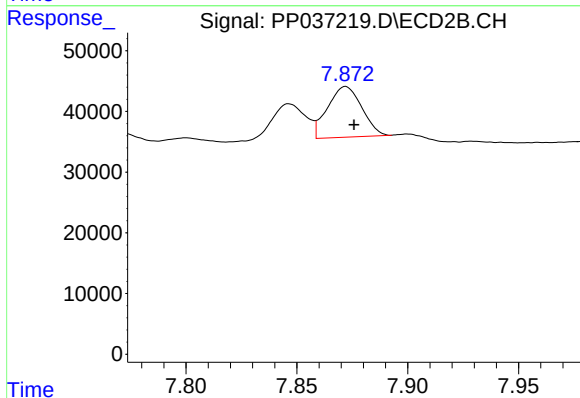
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 62424
Conc: 45.92 ng/ml



#35 AR-1260-5

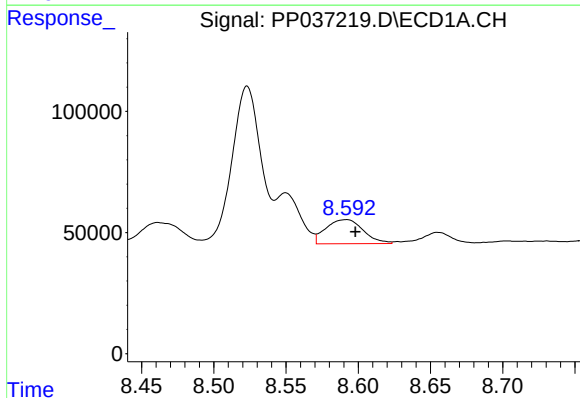
R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 209068
Conc: 45.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



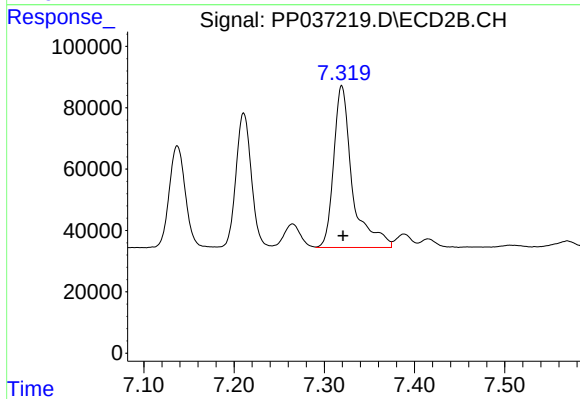
#35 AR-1260-5

R.T.: 7.872 min
Delta R.T.: -0.004 min
Response: 89630
Conc: 27.79 ng/ml



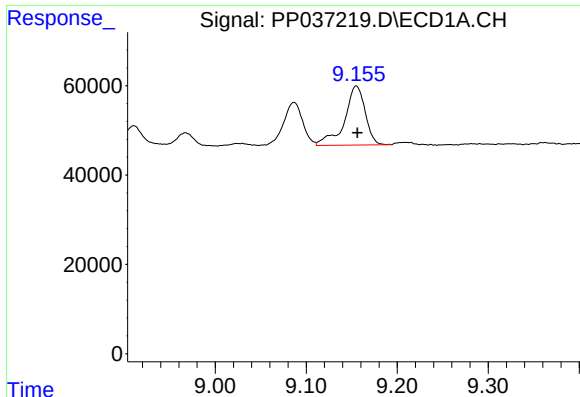
#36 AR-1262-1

R.T.: 8.592 min
Delta R.T.: -0.006 min
Response: 179885
Conc: 61.76 ng/ml



#36 AR-1262-1

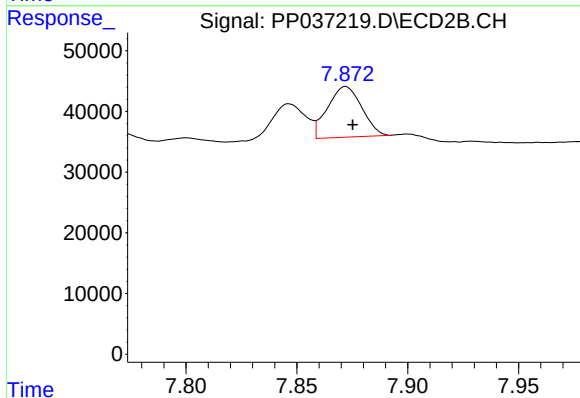
R.T.: 7.319 min
Delta R.T.: -0.001 min
Response: 758693
Conc: 730.64 ng/ml



#37 AR-1262-2

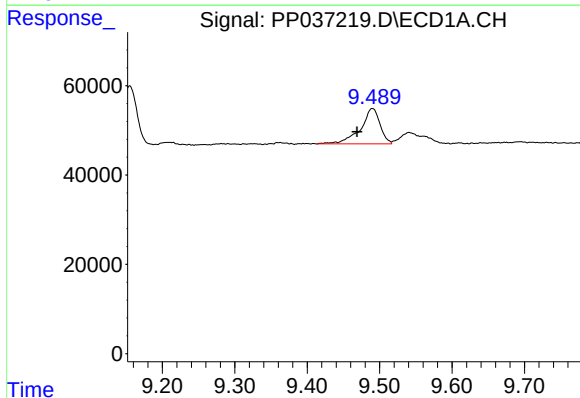
R.T.: 9.155 min
Delta R.T.: -0.001 min
Response: 209068
Conc: 39.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



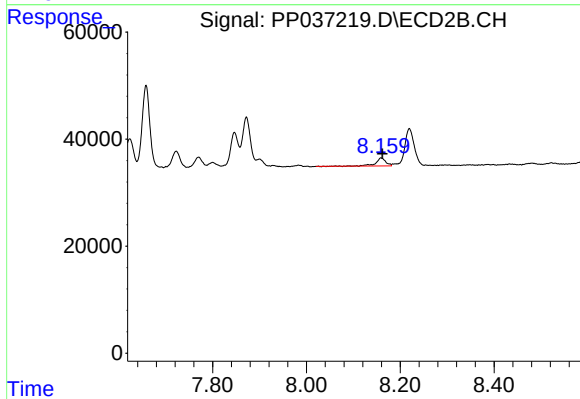
#37 AR-1262-2

R.T.: 7.872 min
Delta R.T.: -0.003 min
Response: 89630
Conc: 25.77 ng/ml



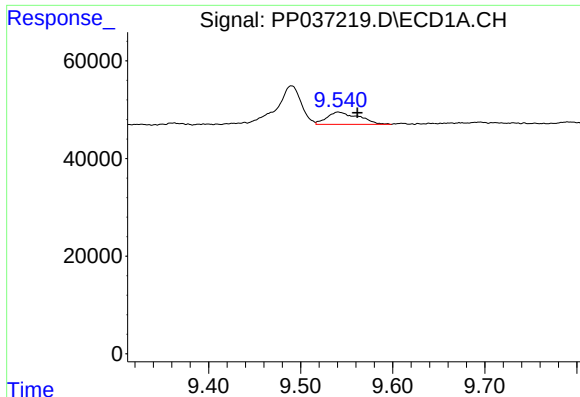
#38 AR-1262-3

R.T.: 9.490 min
Delta R.T.: 0.021 min
Response: 148053
Conc: 38.64 ng/ml



#38 AR-1262-3

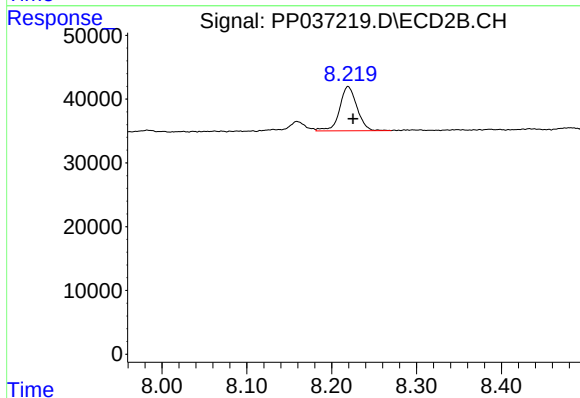
R.T.: 8.159 min
Delta R.T.: -0.003 min
Response: 22707
Conc: 16.13 ng/ml



#39 AR-1262-4

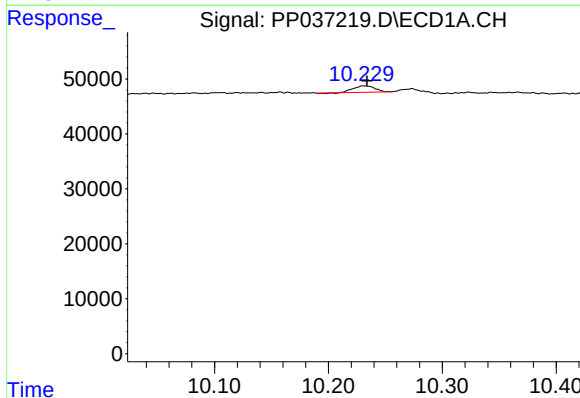
R.T.: 9.541 min
Delta R.T.: -0.021 min
Response: 60897
Conc: 20.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



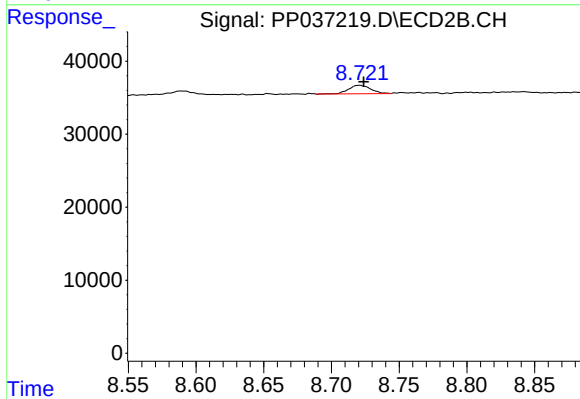
#39 AR-1262-4

R.T.: 8.219 min
Delta R.T.: -0.006 min
Response: 98869
Conc: 37.13 ng/ml



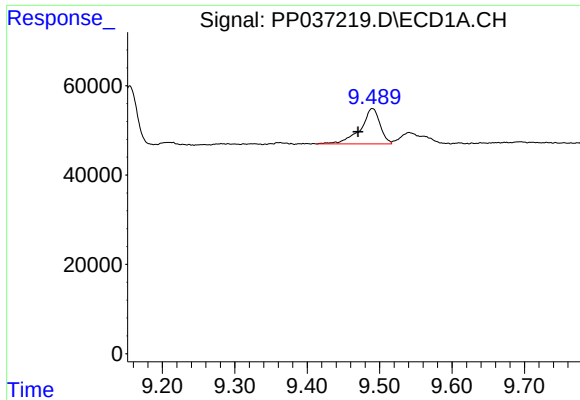
#40 AR-1262-5

R.T.: 10.231 min
Delta R.T.: -0.003 min
Response: 15173
Conc: 7.14 ng/ml



#40 AR-1262-5

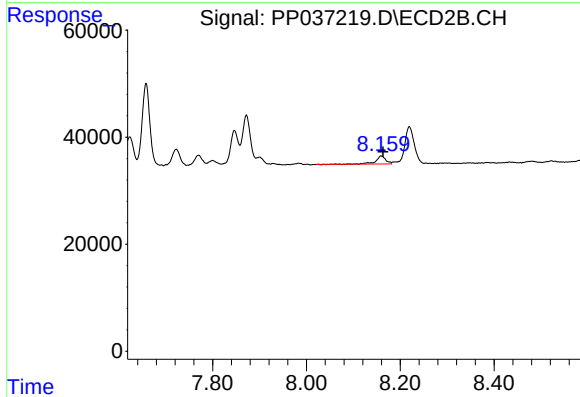
R.T.: 8.720 min
Delta R.T.: -0.003 min
Response: 13038
Conc: 10.32 ng/ml



#41 AR-1268-1

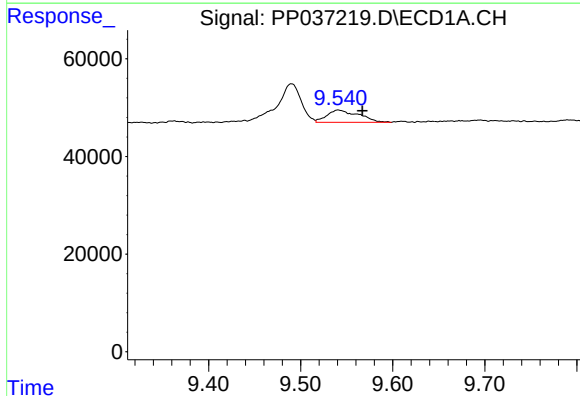
R.T.: 9.490 min
Delta R.T.: 0.020 min
Response: 148053
Conc: 24.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



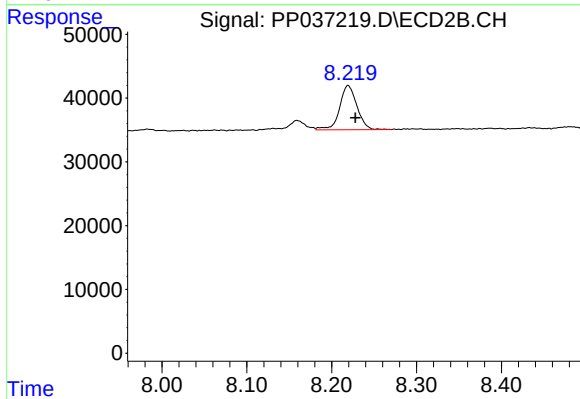
#41 AR-1268-1

R.T.: 8.159 min
Delta R.T.: -0.004 min
Response: 22707
Conc: 5.70 ng/ml



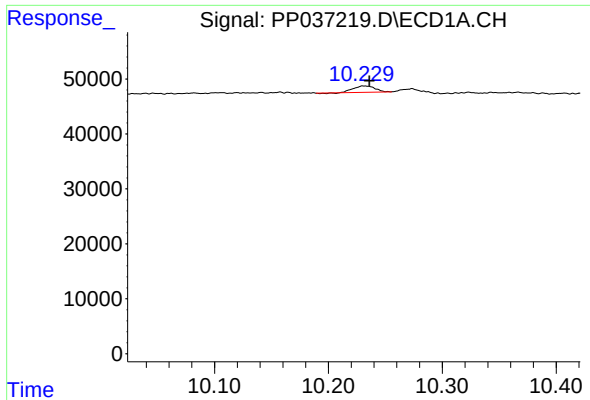
#42 AR-1268-2

R.T.: 9.541 min
Delta R.T.: -0.026 min
Response: 60897
Conc: 10.60 ng/ml



#42 AR-1268-2

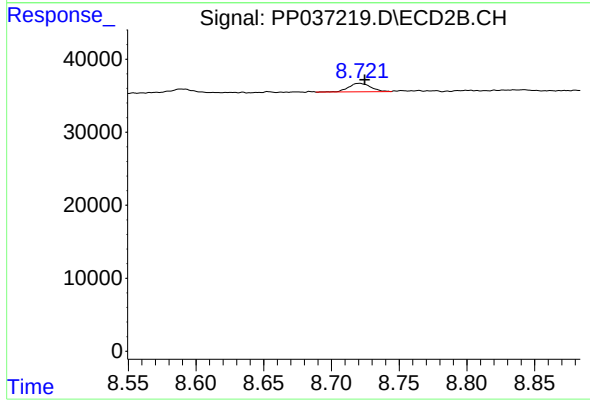
R.T.: 8.219 min
Delta R.T.: -0.008 min
Response: 98869
Conc: 26.71 ng/ml



#44 AR-1268-4

R.T.: 10.231 min
Delta R.T.: -0.005 min
Response: 15173
Conc: 6.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



#44 AR-1268-4

R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 13038
Conc: 9.51 ng/ml