

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP111021\
 Data File : PP040949.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Nov 2021 4:26
 Operator : AJ\MA
 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: Nov 11 04:29:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 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...	4.760	3.764	1087934	1337989	53.702	55.754
2)	SA Decachlor...	10.660f	9.029	926626	723533	43.509	41.432
Target Compounds							
3)	L1 AR-1016-1	6.075	5.012	354436	396971	504.804	567.933
4)	L1 AR-1016-2	6.099	5.031	536697	602463	503.205	585.643
5)	L1 AR-1016-3	6.164	5.223	335940	326531	518.430	575.926
6)	L1 AR-1016-4	6.271	5.276	271834	262319	505.804	577.565
7)	L1 AR-1016-5	6.584	5.502	257842	269216	475.115	481.401
8)	L2 AR-1221-1	0.000	4.021	0	49977	N.D.	181.031 #
9)	L2 AR-1221-2	5.147	4.119	10432	74975	69.117	356.383 #
10)	L2 AR-1221-3	5.195f	4.207	206592	283064	375.216	431.218
11)	L3 AR-1232-1	5.195f	4.207	206592	283064	453.554	524.484
12)	L3 AR-1232-2	5.780f	5.031	281635	602463	1202.198	1416.419
13)	L3 AR-1232-3	6.099f	5.223	536697	326531	1249.070	1424.298
14)	L3 AR-1232-4	6.271f	5.320	271834	297165	1297.126	1497.599
15)	L3 AR-1232-5	6.368f	5.502	215788	269216	1508.426	1270.336
16)	L4 AR-1242-1	6.099	5.012	536697	396971	1006.442	736.264 #
17)	L4 AR-1242-2	6.099	5.031	536697	602463	663.795	759.437
18)	L4 AR-1242-3	6.164	5.223	335940	326531	677.496	748.735
19)	L4 AR-1242-4	6.271	5.320	271834	297165	664.563	718.618
20)	L4 AR-1242-5	7.052	5.882	46350	243297	101.339	528.236 #
21)	L5 AR-1248-1	6.075	5.012	354436	396971	902.349	997.907
22)	L5 AR-1248-2	6.368	5.276	215788	262319	381.623	452.196
23)	L5 AR-1248-3	6.584	5.320	257842	297165	367.710	492.675 #
24)	L5 AR-1248-4	7.012	5.502	62764	269216	79.454	391.570 #
25)	L5 AR-1248-5	7.052	5.922	46350	39900	59.357	63.171
26)	L6 AR-1254-1	6.982	5.882	201044	243297	260.412	250.119
27)	L6 AR-1254-2	7.210	6.042	184603	190601	148.715	227.107 #
28)	L6 AR-1254-3	7.591	6.478	116388	349443	86.451	276.694 #
29)	L6 AR-1254-4	7.885	6.700	74250	50413	76.100	67.754
30)	L6 AR-1254-5	8.313	7.128	596412	521597	549.721	485.717
31)	L7 AR-1260-1	7.756	6.597	428235	453288	440.996	522.399
32)	L7 AR-1260-2	8.022	6.796	508621	500032	439.330	496.936
33)	L7 AR-1260-3	8.387	6.949	383298	457032	434.094	484.200
34)	L7 AR-1260-4	8.616	7.432	456396	370527	431.951	471.923
35)	L7 AR-1260-5	8.931	7.682	875148	804923	419.139	453.083
36)	L8 AR-1262-1	8.387	7.128	383298	521597	305.898	905.127 #
37)	L8 AR-1262-2	8.931	7.682	875148	804923	385.117	452.055
38)	L8 AR-1262-3	0.000	7.967	0	195341	N.D.	251.940 #
39)	L8 AR-1262-4	9.298	8.030	394578	607062	672.900	433.143 #
40)	L8 AR-1262-5	9.952	8.531	280180	226704	307.690	326.465
41)	L9 AR-1268-1	9.248f	7.967	594740	195341	218.173	91.105 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

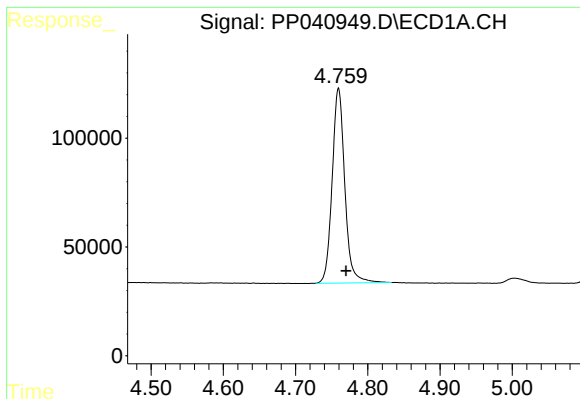
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	9.298f	8.030	394578	607062	150.718	304.558 #
43) L9	AR-1268-3	9.532	8.237	11467	10846	5.194	6.209
44) L9	AR-1268-4	9.952	8.531	280180	226704	275.743	295.369
45) L9	AR-1268-5	10.345	8.803	81622	64669	11.206	11.982

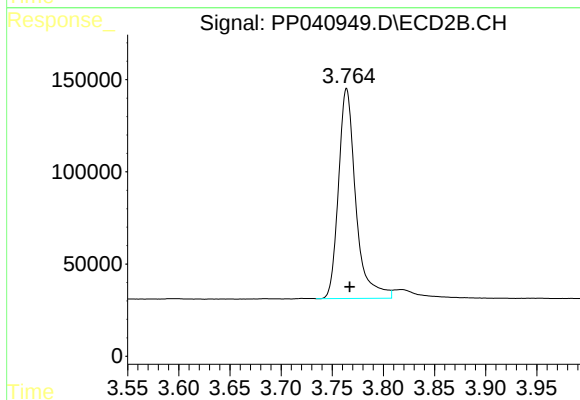
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

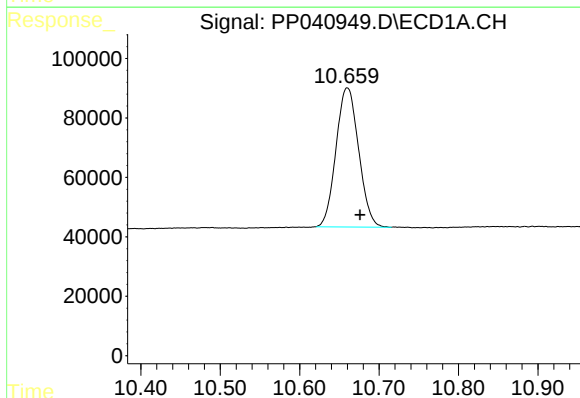
R.T.: 4.760 min
Delta R.T.: -0.010 min
Response: 1087934
Conc: 53.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



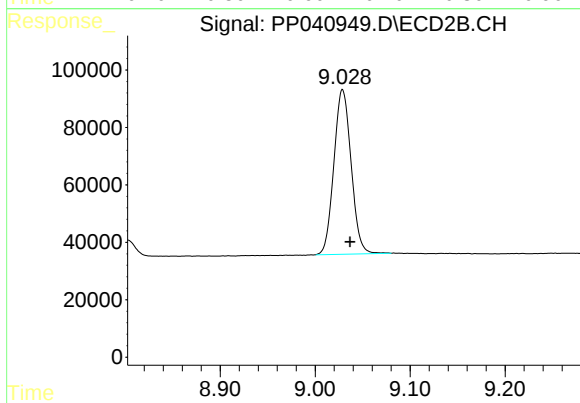
#1 Tetrachloro-m-xylene

R.T.: 3.764 min
Delta R.T.: -0.003 min
Response: 1337989
Conc: 55.75 ng/ml



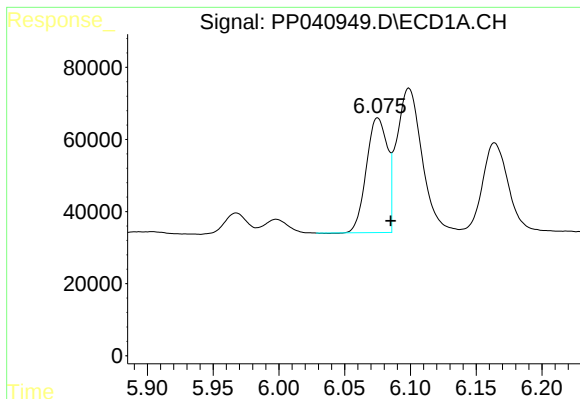
#2 Decachlorobiphenyl

R.T.: 10.660 min
Delta R.T.: -0.016 min
Response: 926626
Conc: 43.51 ng/ml



#2 Decachlorobiphenyl

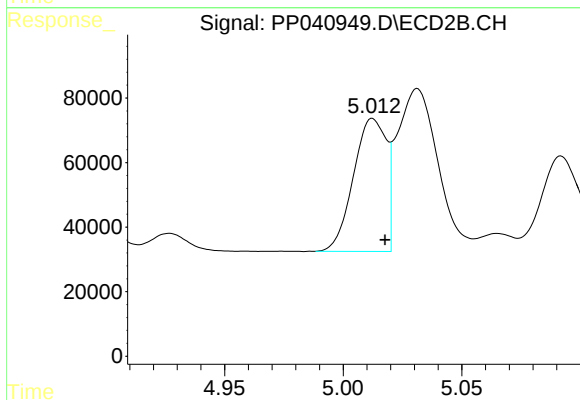
R.T.: 9.029 min
Delta R.T.: -0.008 min
Response: 723533
Conc: 41.43 ng/ml



#3 AR-1016-1

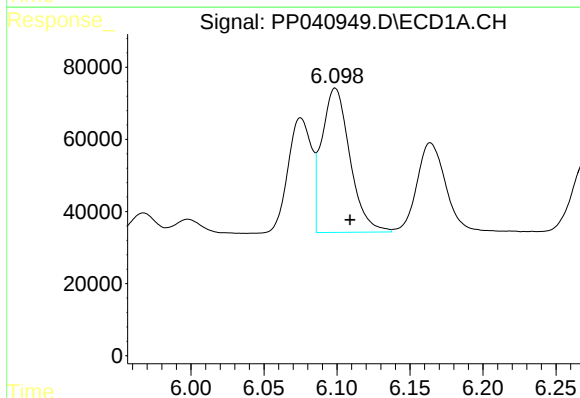
R.T.: 6.075 min
Delta R.T.: -0.010 min
Response: 354436
Conc: 504.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



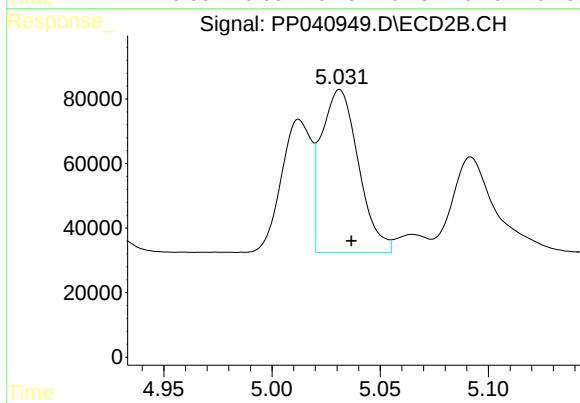
#3 AR-1016-1

R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 396971
Conc: 567.93 ng/ml



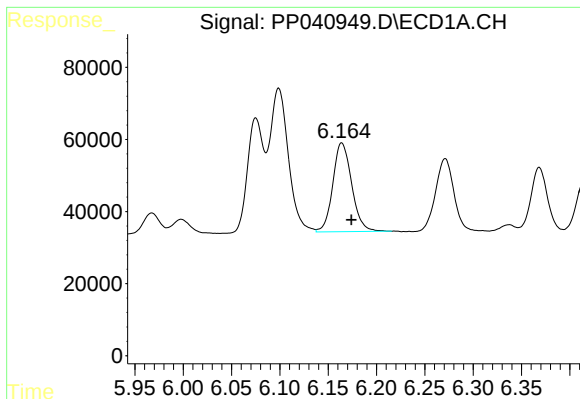
#4 AR-1016-2

R.T.: 6.099 min
Delta R.T.: -0.010 min
Response: 536697
Conc: 503.21 ng/ml



#4 AR-1016-2

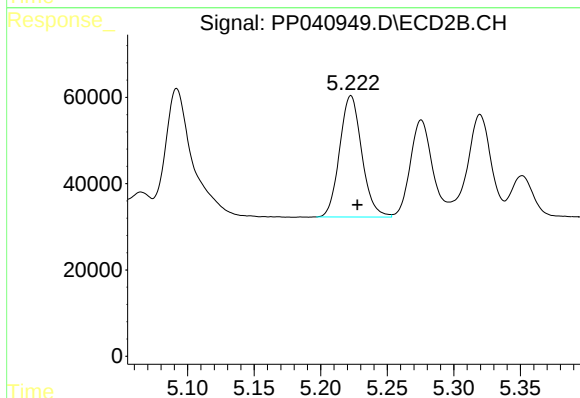
R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 602463
Conc: 585.64 ng/ml



#5 AR-1016-3

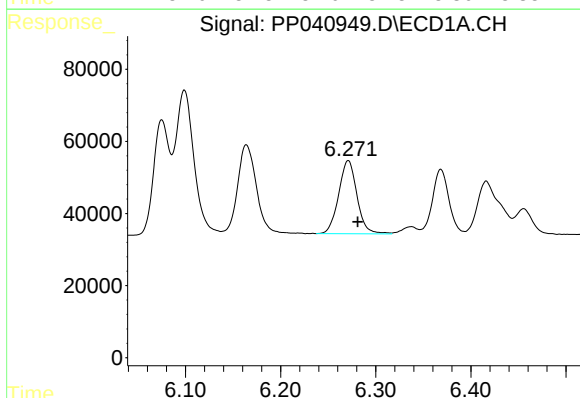
R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 335940
Conc: 518.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



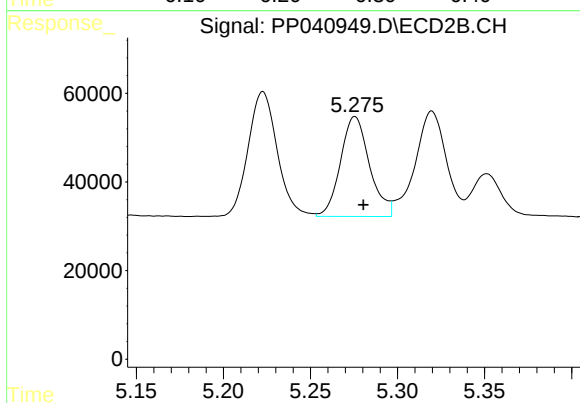
#5 AR-1016-3

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 326531
Conc: 575.93 ng/ml



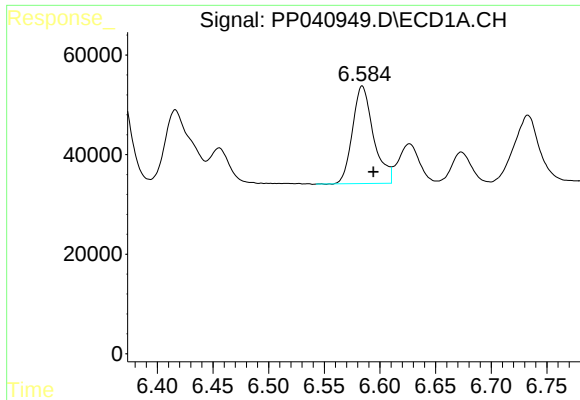
#6 AR-1016-4

R.T.: 6.271 min
Delta R.T.: -0.010 min
Response: 271834
Conc: 505.80 ng/ml



#6 AR-1016-4

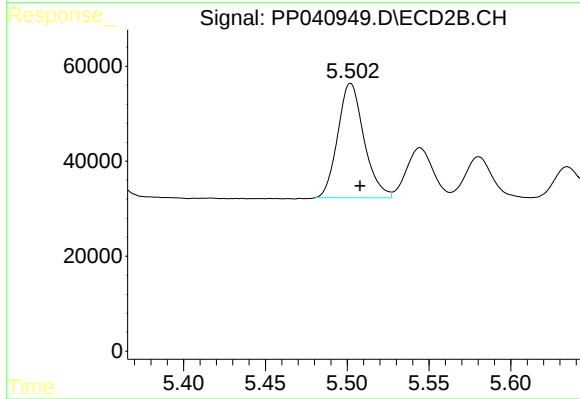
R.T.: 5.276 min
Delta R.T.: -0.005 min
Response: 262319
Conc: 577.56 ng/ml



#7 AR-1016-5

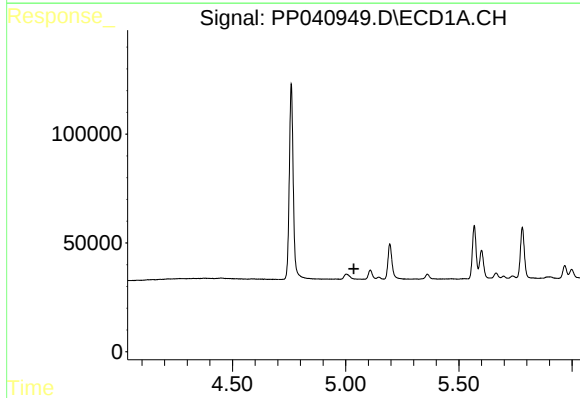
R.T.: 6.584 min
Delta R.T.: -0.010 min
Response: 257842
Conc: 475.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



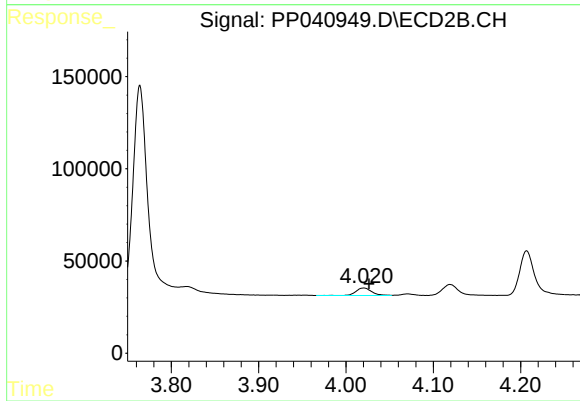
#7 AR-1016-5

R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 269216
Conc: 481.40 ng/ml



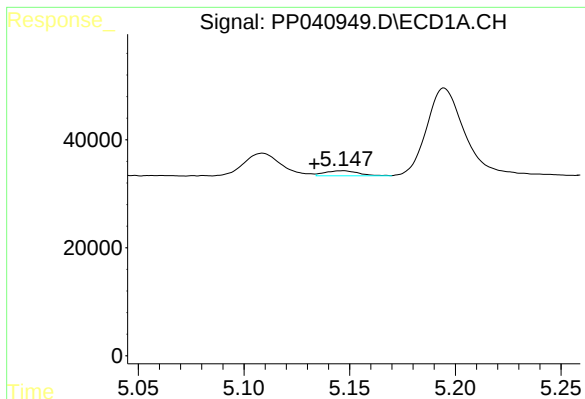
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 AR-1221-1

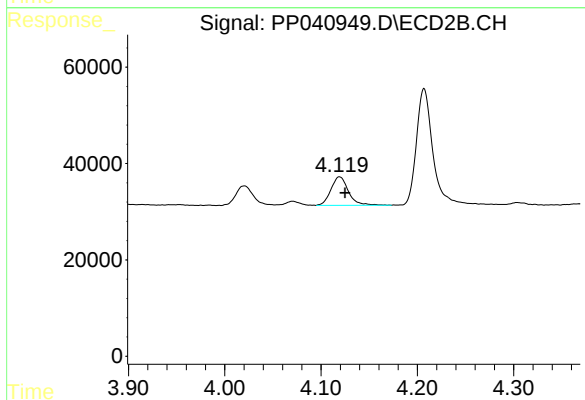
R.T.: 4.021 min
Delta R.T.: -0.006 min
Response: 49977
Conc: 181.03 ng/ml



#9 AR-1221-2

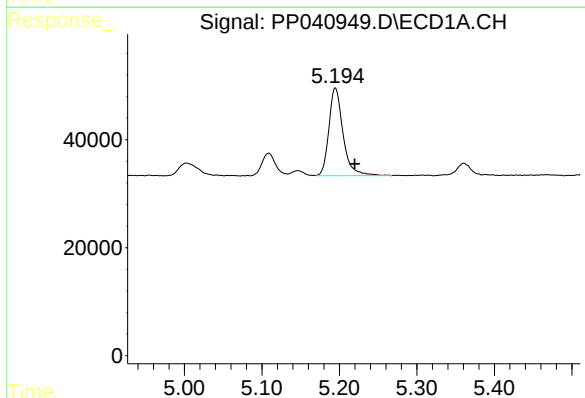
R.T.: 5.147 min
Delta R.T.: 0.014 min
Response: 10432
Conc: 69.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



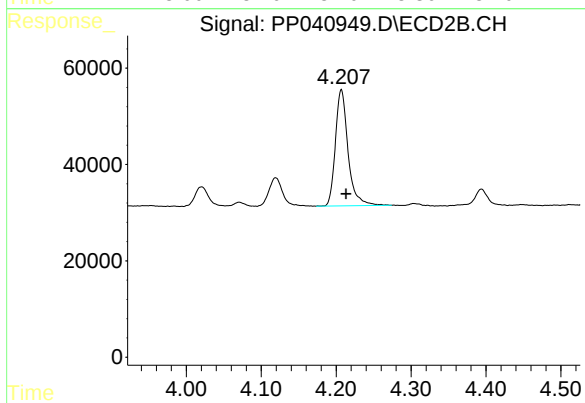
#9 AR-1221-2

R.T.: 4.119 min
Delta R.T.: -0.006 min
Response: 74975
Conc: 356.38 ng/ml



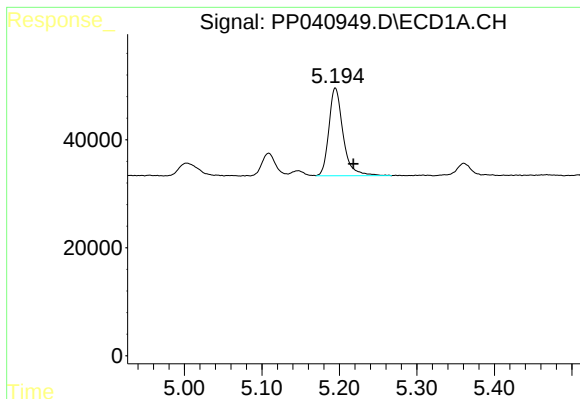
#10 AR-1221-3

R.T.: 5.195 min
Delta R.T.: -0.025 min
Response: 206592
Conc: 375.22 ng/ml



#10 AR-1221-3

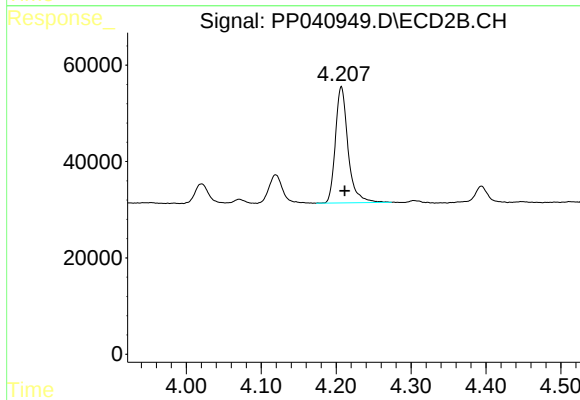
R.T.: 4.207 min
Delta R.T.: -0.006 min
Response: 283064
Conc: 431.22 ng/ml



#11 AR-1232-1

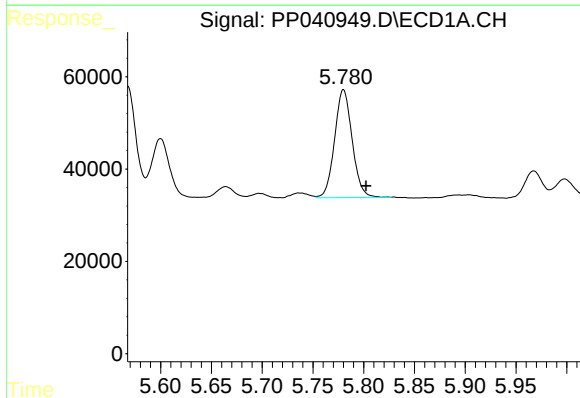
R.T.: 5.195 min
Delta R.T.: -0.024 min
Response: 206592
Conc: 453.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



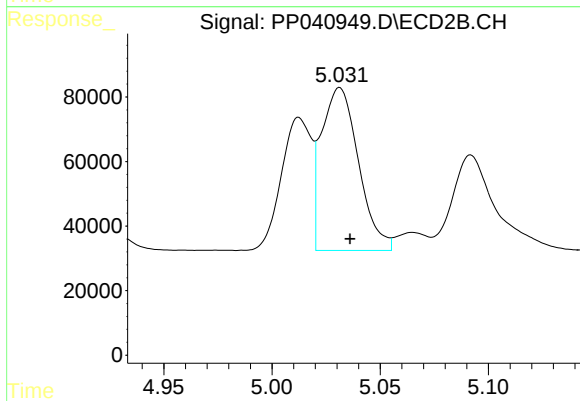
#11 AR-1232-1

R.T.: 4.207 min
Delta R.T.: -0.004 min
Response: 283064
Conc: 524.48 ng/ml



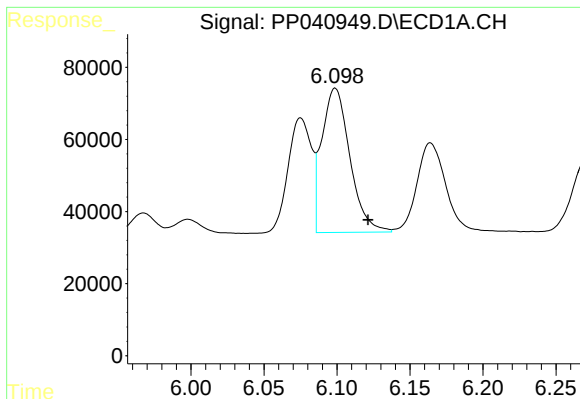
#12 AR-1232-2

R.T.: 5.780 min
Delta R.T.: -0.022 min
Response: 281635
Conc: 1202.20 ng/ml



#12 AR-1232-2

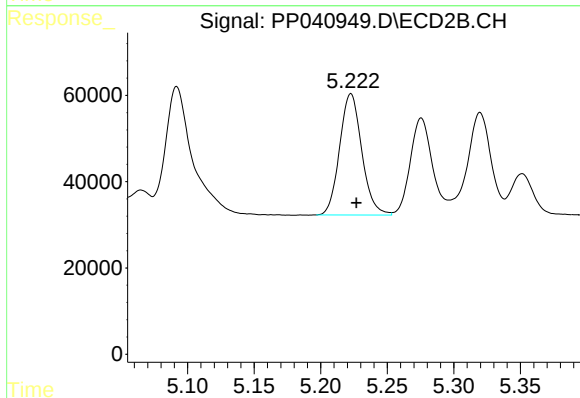
R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 602463
Conc: 1416.42 ng/ml



#13 AR-1232-3

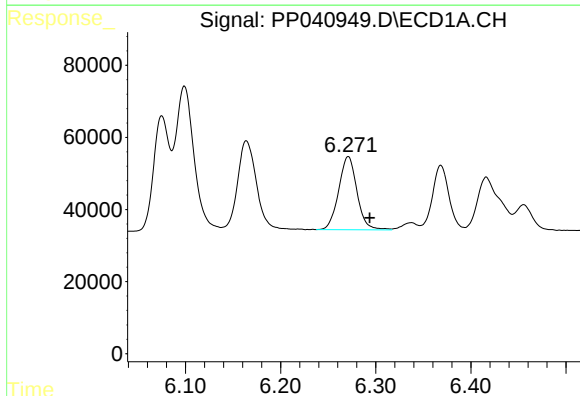
R.T.: 6.099 min
Delta R.T.: -0.023 min
Response: 536697
Conc: 1249.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



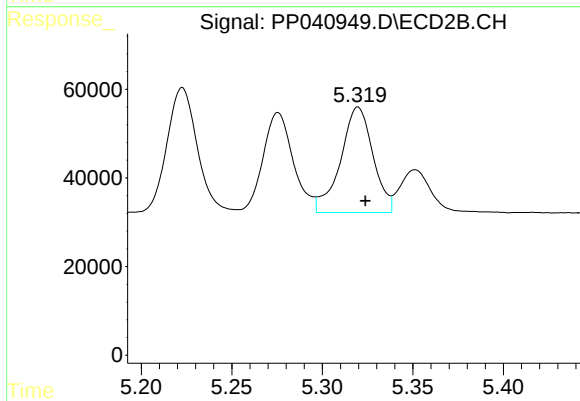
#13 AR-1232-3

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 326531
Conc: 1424.30 ng/ml



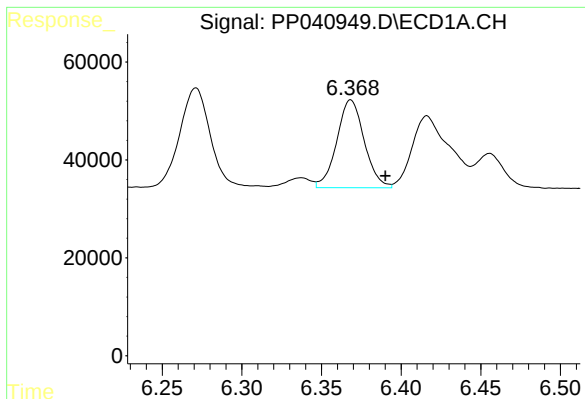
#14 AR-1232-4

R.T.: 6.271 min
Delta R.T.: -0.022 min
Response: 271834
Conc: 1297.13 ng/ml



#14 AR-1232-4

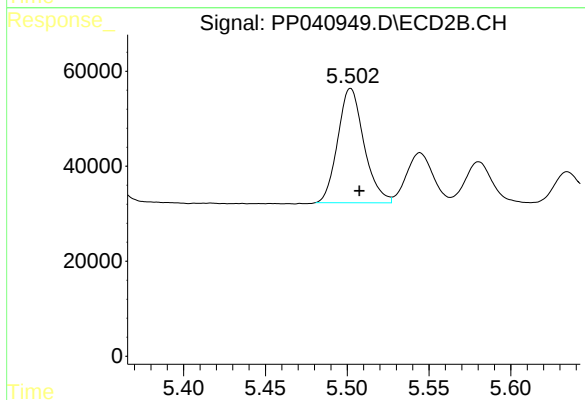
R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 297165
Conc: 1497.60 ng/ml



#15 AR-1232-5

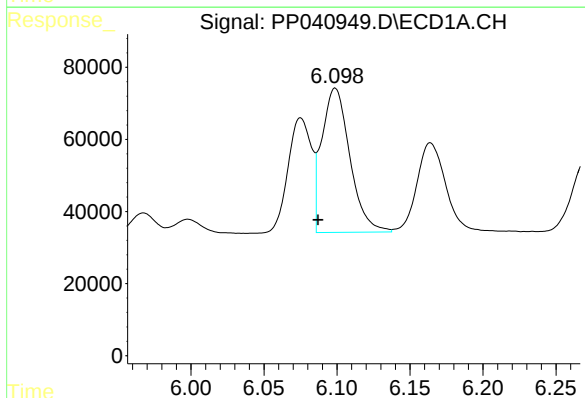
R.T.: 6.368 min
Delta R.T.: -0.022 min
Response: 215788
Conc: 1508.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



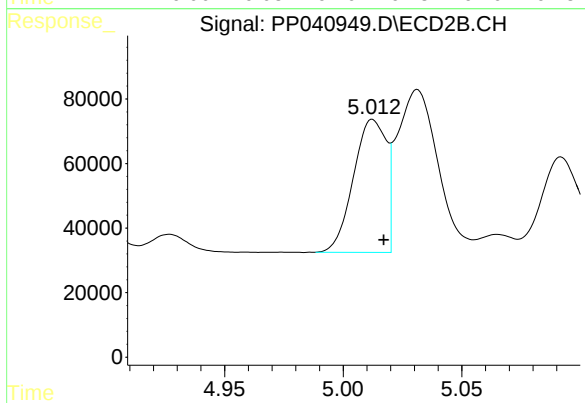
#15 AR-1232-5

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 269216
Conc: 1270.34 ng/ml



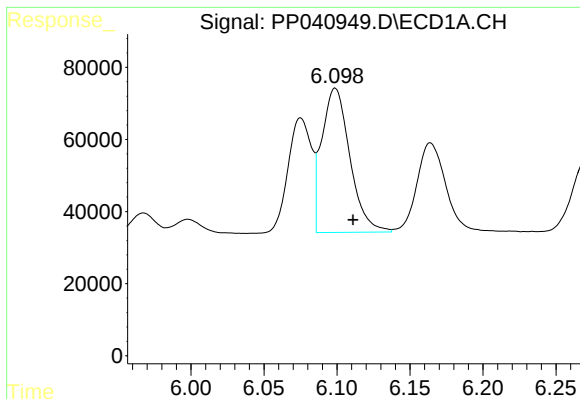
#16 AR-1242-1

R.T.: 6.099 min
Delta R.T.: 0.012 min
Response: 536697
Conc: 1006.44 ng/ml



#16 AR-1242-1

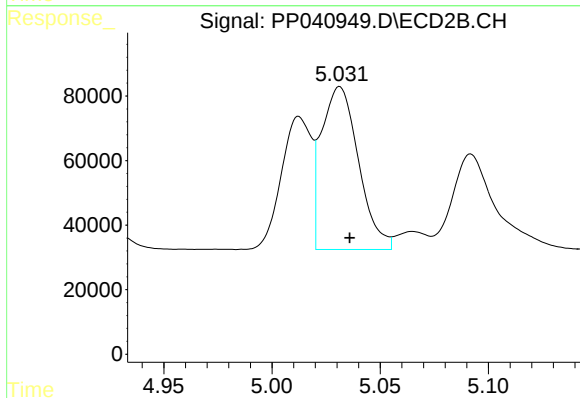
R.T.: 5.012 min
Delta R.T.: -0.005 min
Response: 396971
Conc: 736.26 ng/ml



#17 AR-1242-2

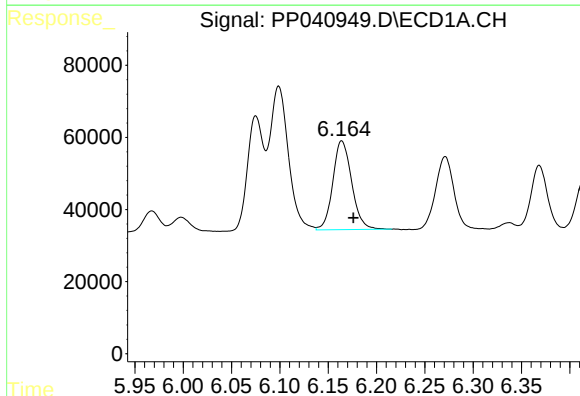
R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 536697
Conc: 663.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



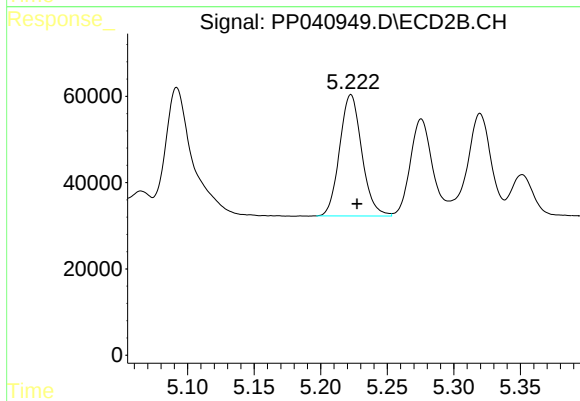
#17 AR-1242-2

R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 602463
Conc: 759.44 ng/ml



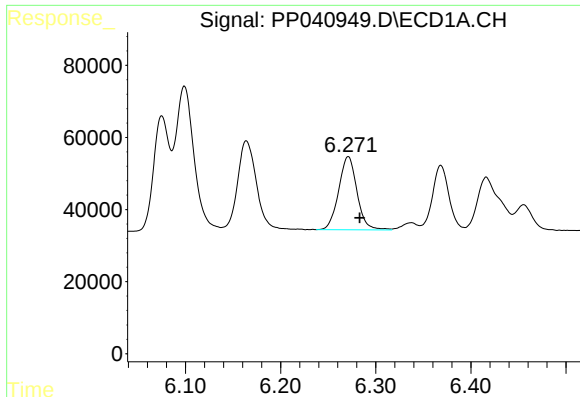
#18 AR-1242-3

R.T.: 6.164 min
Delta R.T.: -0.012 min
Response: 335940
Conc: 677.50 ng/ml



#18 AR-1242-3

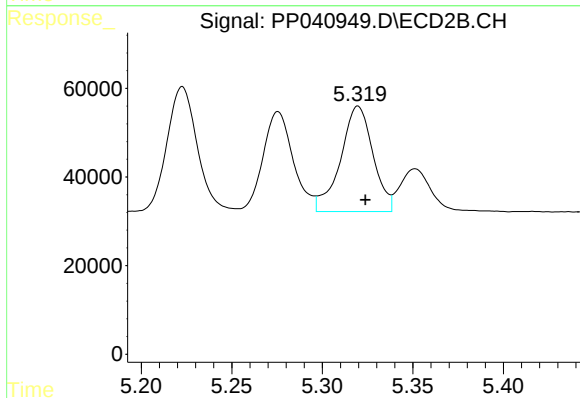
R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 326531
Conc: 748.74 ng/ml



#19 AR-1242-4

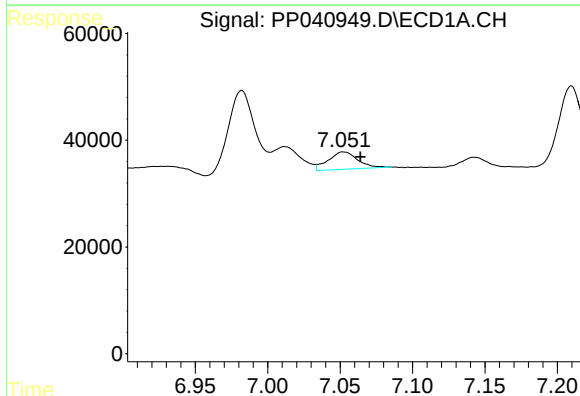
R.T.: 6.271 min
Delta R.T.: -0.012 min
Response: 271834
Conc: 664.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



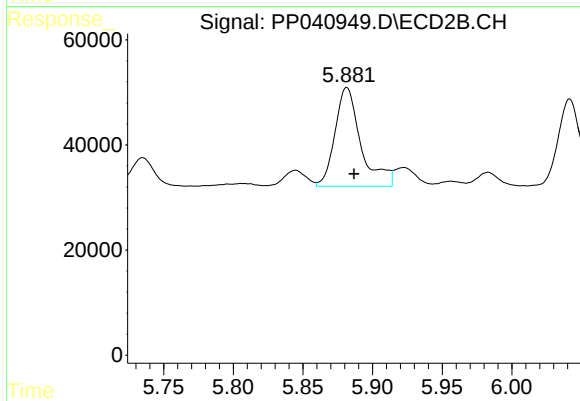
#19 AR-1242-4

R.T.: 5.320 min
Delta R.T.: -0.004 min
Response: 297165
Conc: 718.62 ng/ml



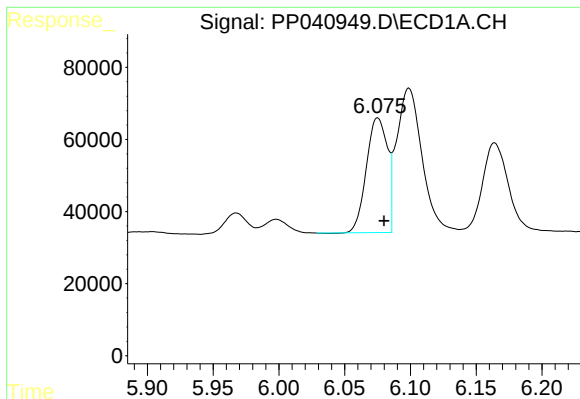
#20 AR-1242-5

R.T.: 7.052 min
Delta R.T.: -0.012 min
Response: 46350
Conc: 101.34 ng/ml



#20 AR-1242-5

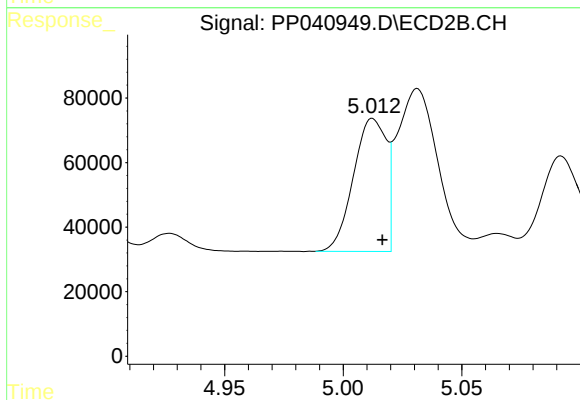
R.T.: 5.882 min
Delta R.T.: -0.005 min
Response: 243297
Conc: 528.24 ng/ml



#21 AR-1248-1

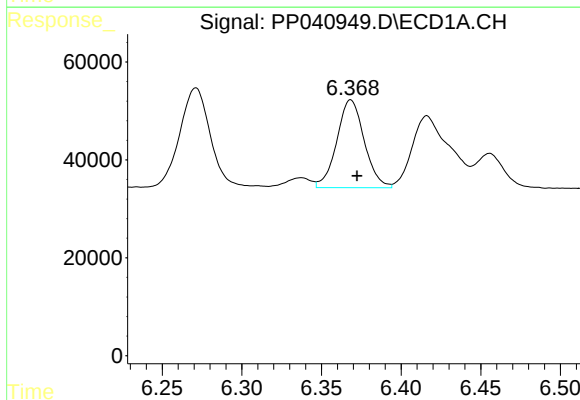
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 354436
Conc: 902.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



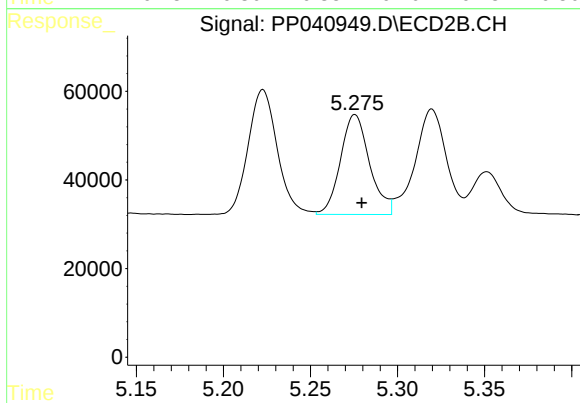
#21 AR-1248-1

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 396971
Conc: 997.91 ng/ml



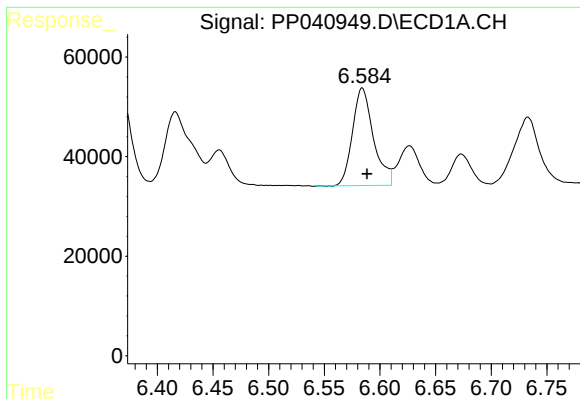
#22 AR-1248-2

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 215788
Conc: 381.62 ng/ml



#22 AR-1248-2

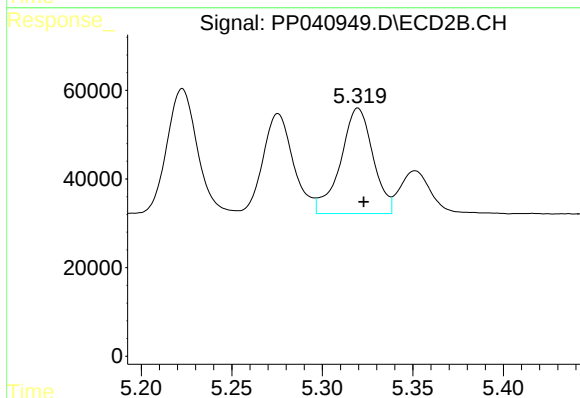
R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 262319
Conc: 452.20 ng/ml



#23 AR-1248-3

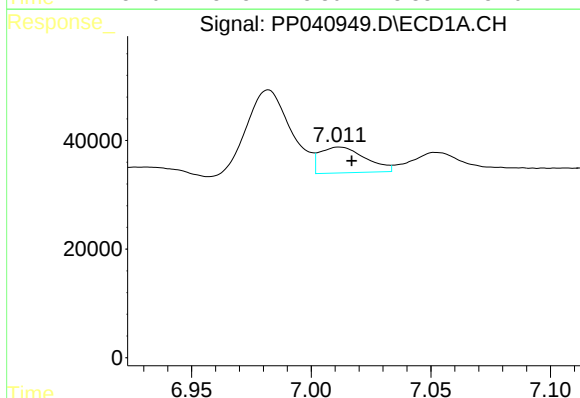
R.T.: 6.584 min
Delta R.T.: -0.004 min
Response: 257842
Conc: 367.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



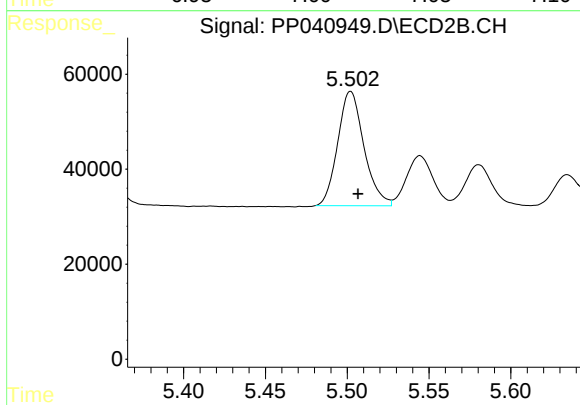
#23 AR-1248-3

R.T.: 5.320 min
Delta R.T.: -0.003 min
Response: 297165
Conc: 492.67 ng/ml



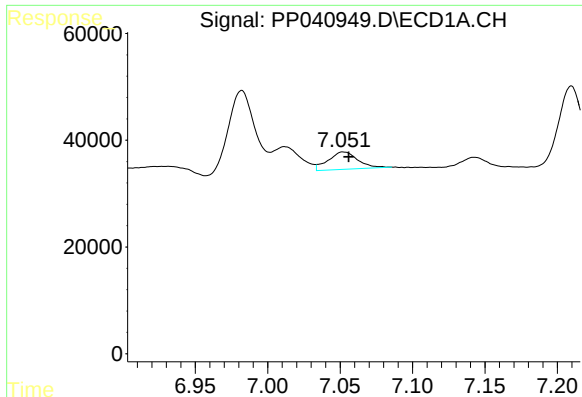
#24 AR-1248-4

R.T.: 7.012 min
Delta R.T.: -0.005 min
Response: 62764
Conc: 79.45 ng/ml



#24 AR-1248-4

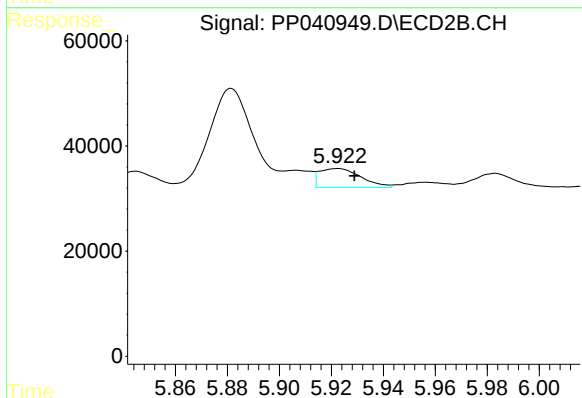
R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 269216
Conc: 391.57 ng/ml



#25 AR-1248-5

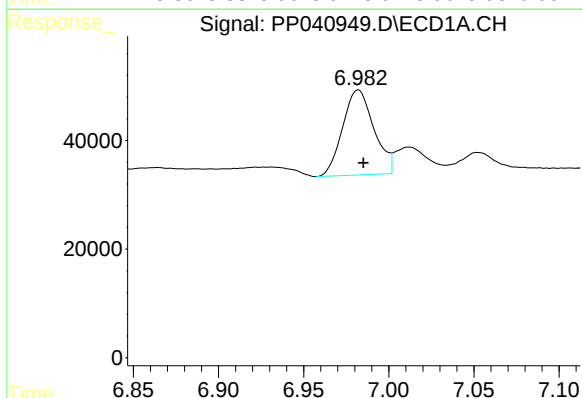
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 46350
Conc: 59.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



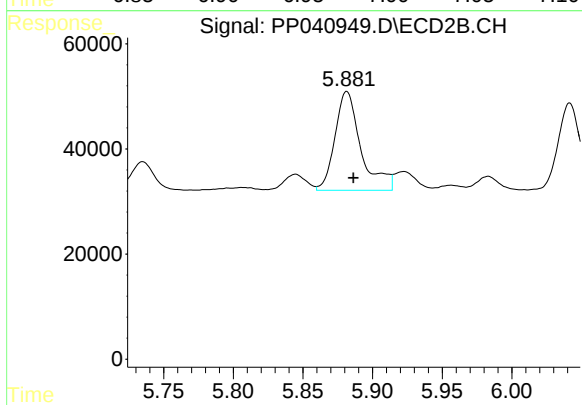
#25 AR-1248-5

R.T.: 5.922 min
Delta R.T.: -0.006 min
Response: 39900
Conc: 63.17 ng/ml



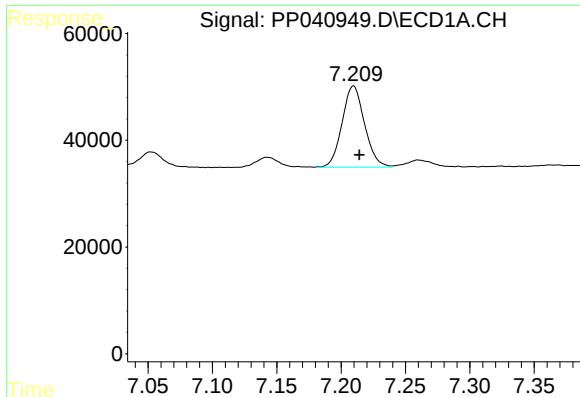
#26 AR-1254-1

R.T.: 6.982 min
Delta R.T.: -0.003 min
Response: 201044
Conc: 260.41 ng/ml



#26 AR-1254-1

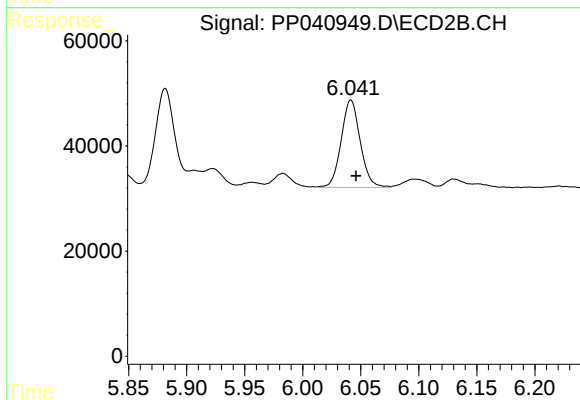
R.T.: 5.882 min
Delta R.T.: -0.005 min
Response: 243297
Conc: 250.12 ng/ml



#27 AR-1254-2

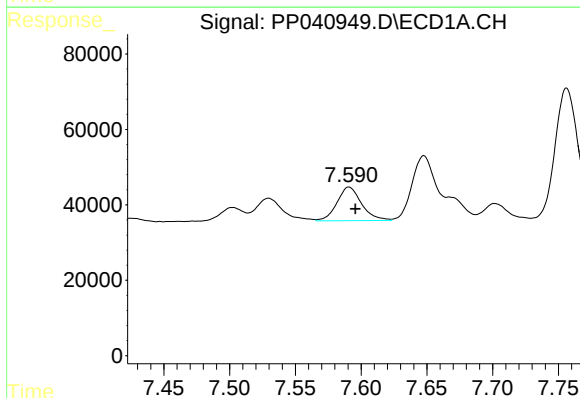
R.T.: 7.210 min
Delta R.T.: -0.005 min
Response: 184603
Conc: 148.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



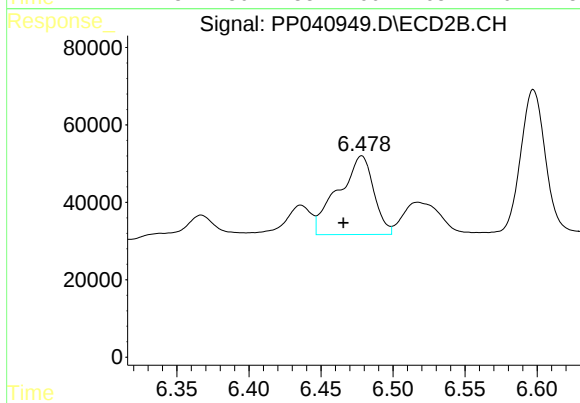
#27 AR-1254-2

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 190601
Conc: 227.11 ng/ml



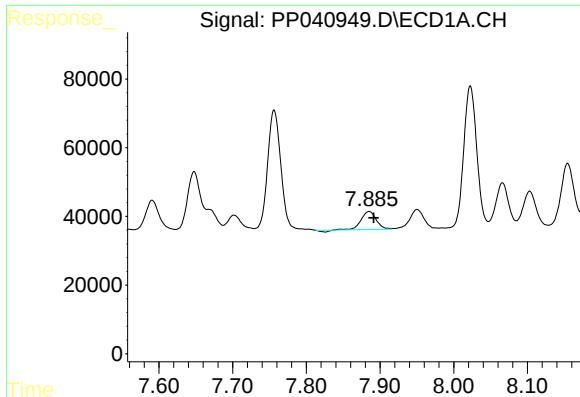
#28 AR-1254-3

R.T.: 7.591 min
Delta R.T.: -0.005 min
Response: 116388
Conc: 86.45 ng/ml



#28 AR-1254-3

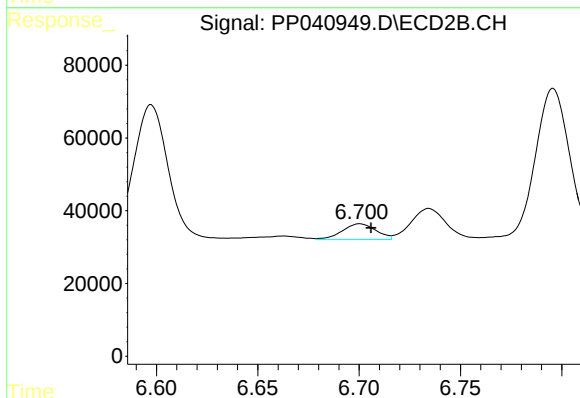
R.T.: 6.478 min
Delta R.T.: 0.013 min
Response: 349443
Conc: 276.69 ng/ml



#29 AR-1254-4

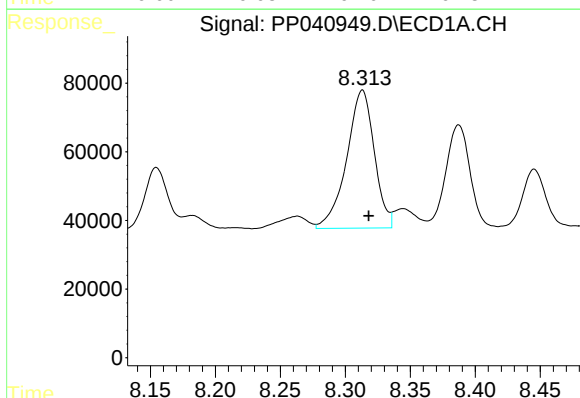
R.T.: 7.885 min
Delta R.T.: -0.006 min
Response: 74250
Conc: 76.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



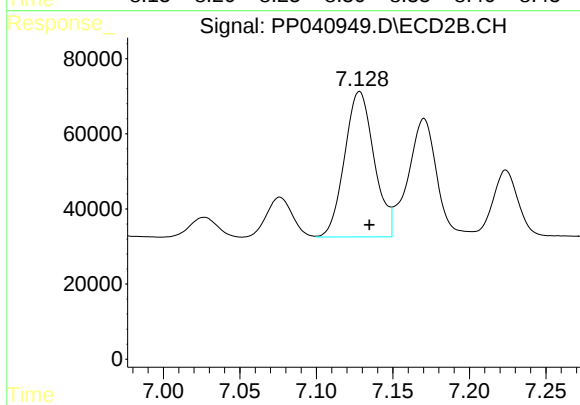
#29 AR-1254-4

R.T.: 6.700 min
Delta R.T.: -0.005 min
Response: 50413
Conc: 67.75 ng/ml



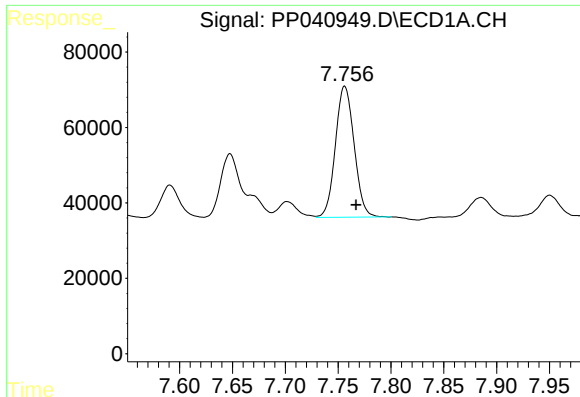
#30 AR-1254-5

R.T.: 8.313 min
Delta R.T.: -0.005 min
Response: 596412
Conc: 549.72 ng/ml



#30 AR-1254-5

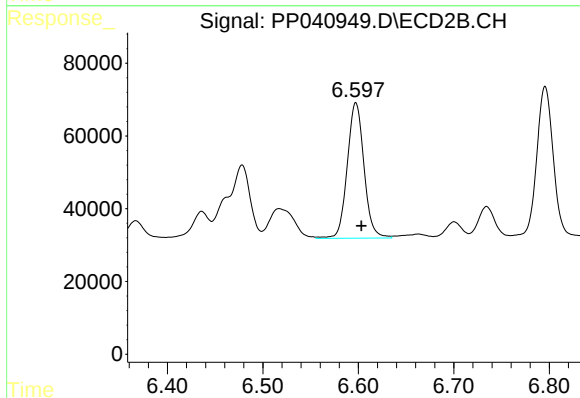
R.T.: 7.128 min
Delta R.T.: -0.006 min
Response: 521597
Conc: 485.72 ng/ml



#31 AR-1260-1

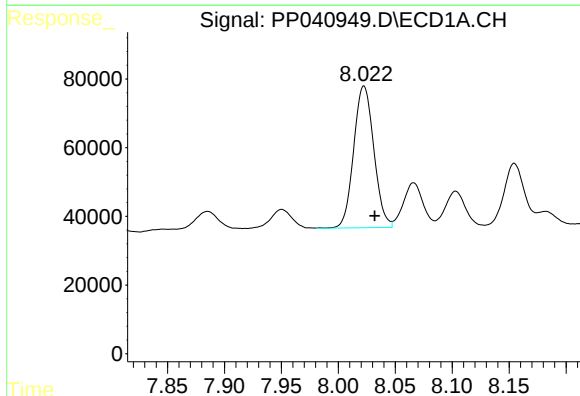
R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 428235
Conc: 441.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



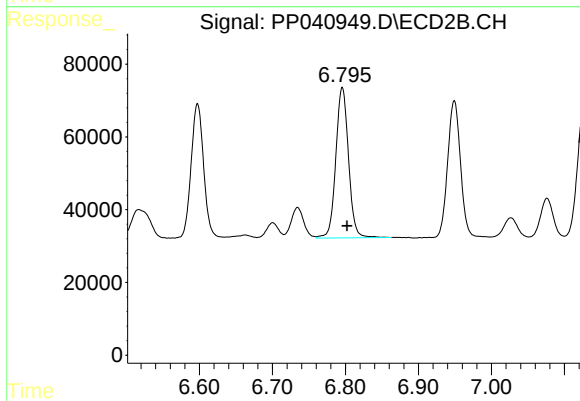
#31 AR-1260-1

R.T.: 6.597 min
Delta R.T.: -0.006 min
Response: 453288
Conc: 522.40 ng/ml



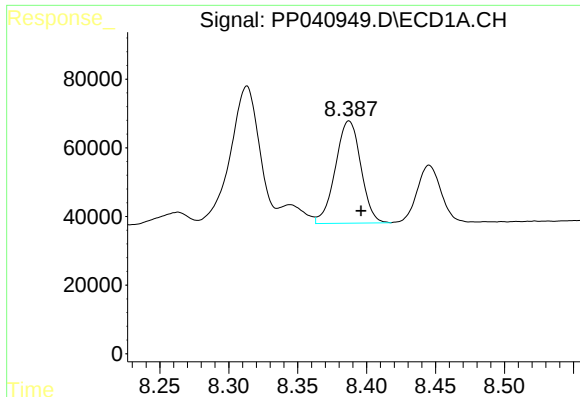
#32 AR-1260-2

R.T.: 8.022 min
Delta R.T.: -0.010 min
Response: 508621
Conc: 439.33 ng/ml



#32 AR-1260-2

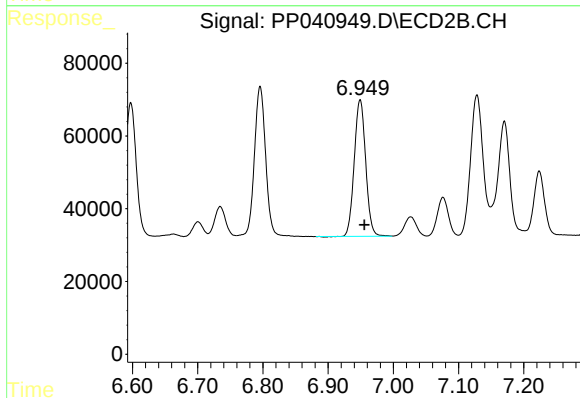
R.T.: 6.796 min
Delta R.T.: -0.006 min
Response: 500032
Conc: 496.94 ng/ml



#33 AR-1260-3

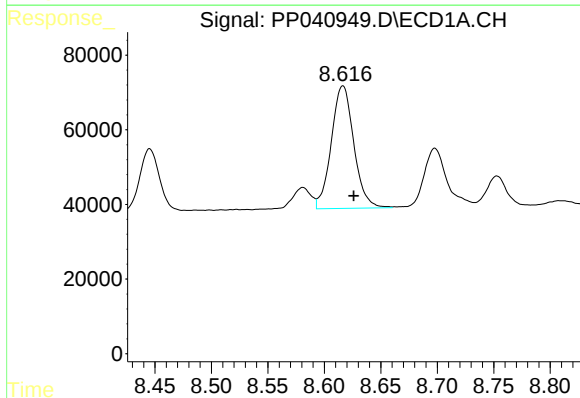
R.T.: 8.387 min
Delta R.T.: -0.009 min
Response: 383298
Conc: 434.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



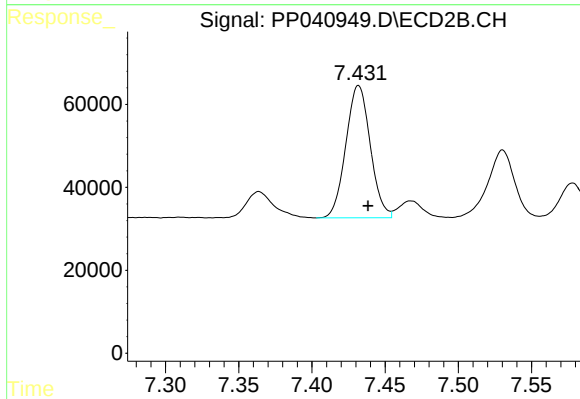
#33 AR-1260-3

R.T.: 6.949 min
Delta R.T.: -0.007 min
Response: 457032
Conc: 484.20 ng/ml



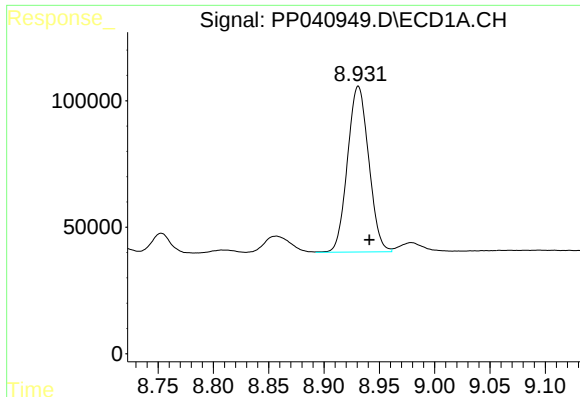
#34 AR-1260-4

R.T.: 8.616 min
Delta R.T.: -0.010 min
Response: 456396
Conc: 431.95 ng/ml



#34 AR-1260-4

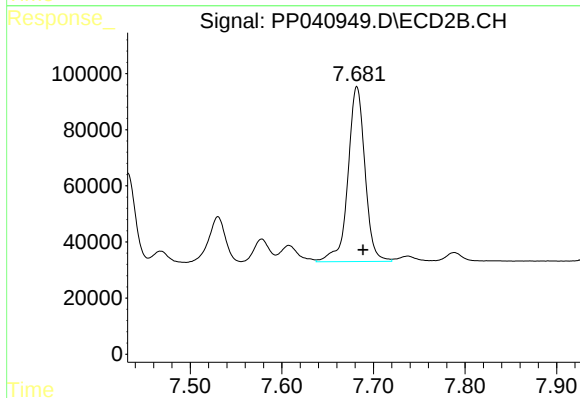
R.T.: 7.432 min
Delta R.T.: -0.006 min
Response: 370527
Conc: 471.92 ng/ml



#35 AR-1260-5

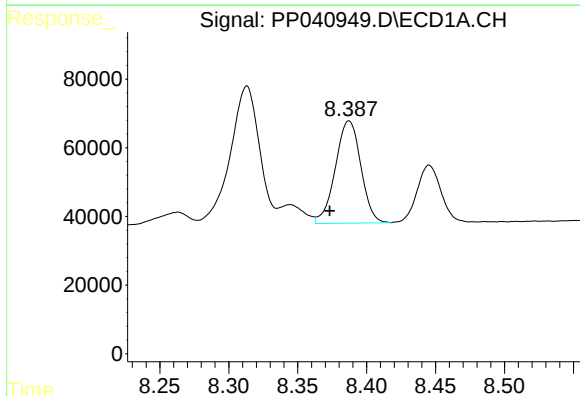
R.T.: 8.931 min
Delta R.T.: -0.010 min
Response: 875148
Conc: 419.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



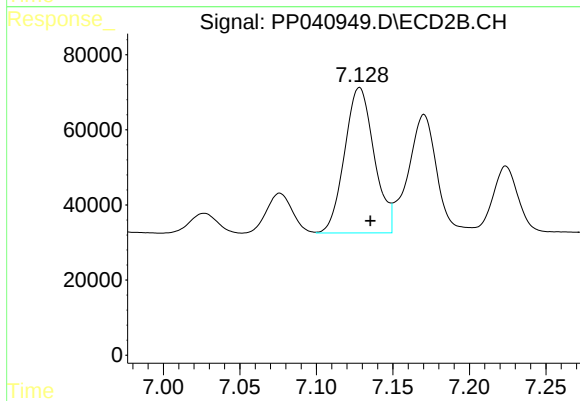
#35 AR-1260-5

R.T.: 7.682 min
Delta R.T.: -0.007 min
Response: 804923
Conc: 453.08 ng/ml



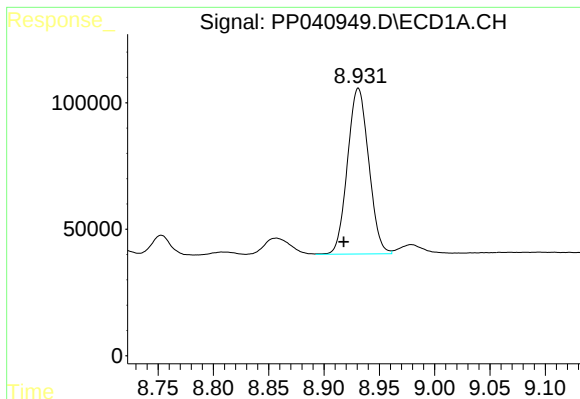
#36 AR-1262-1

R.T.: 8.387 min
Delta R.T.: 0.014 min
Response: 383298
Conc: 305.90 ng/ml



#36 AR-1262-1

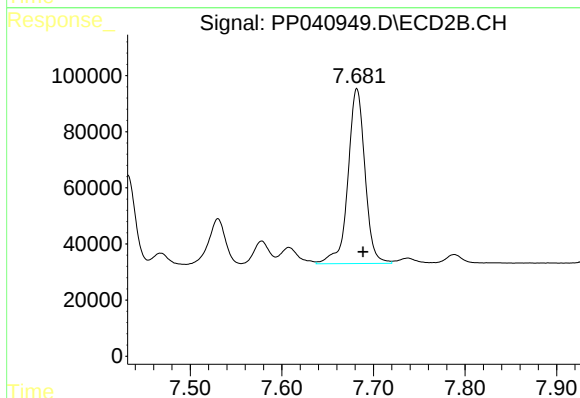
R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 521597
Conc: 905.13 ng/ml



#37 AR-1262-2

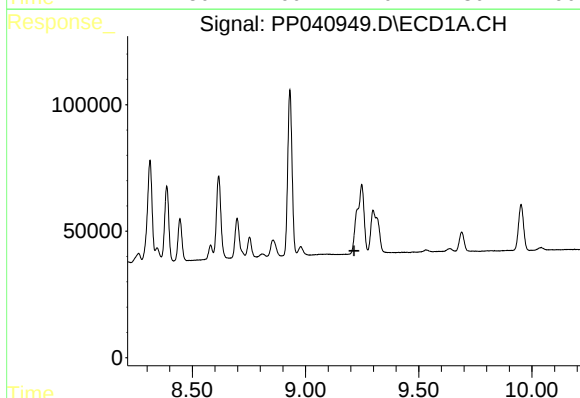
R.T.: 8.931 min
Delta R.T.: 0.013 min
Response: 875148
Conc: 385.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



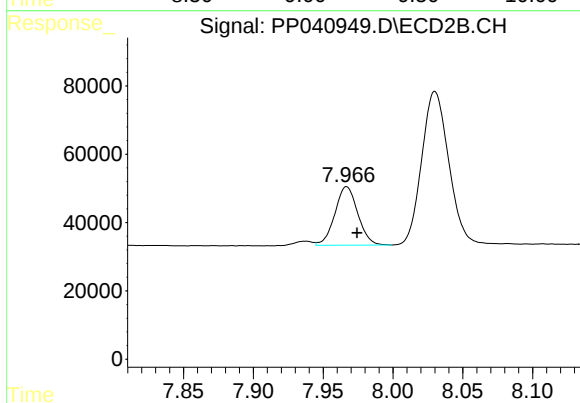
#37 AR-1262-2

R.T.: 7.682 min
Delta R.T.: -0.007 min
Response: 804923
Conc: 452.05 ng/ml



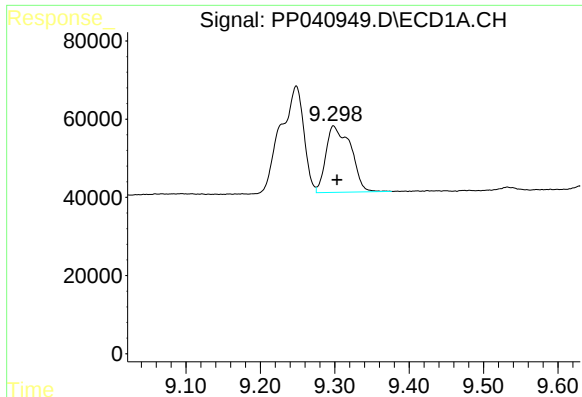
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

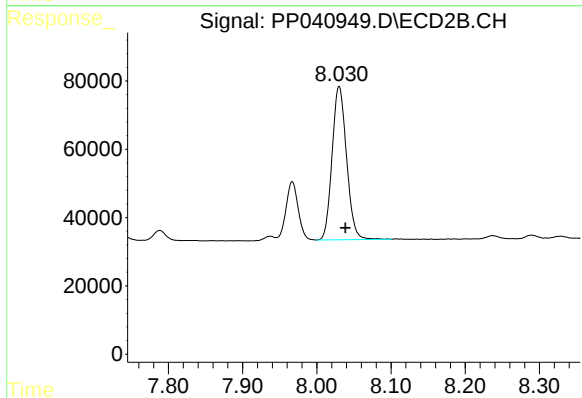
R.T.: 7.967 min
Delta R.T.: -0.008 min
Response: 195341
Conc: 251.94 ng/ml



#39 AR-1262-4

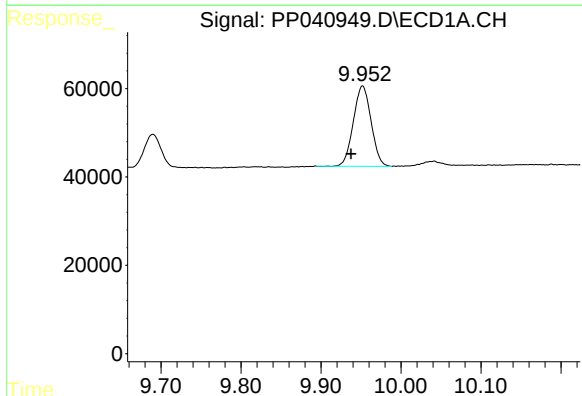
R.T.: 9.298 min
Delta R.T.: -0.005 min
Response: 394578
Conc: 672.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



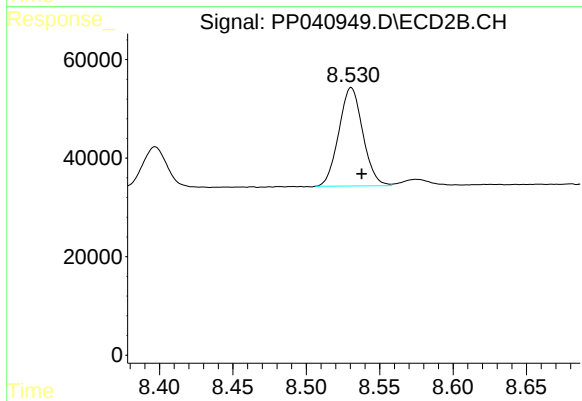
#39 AR-1262-4

R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 607062
Conc: 433.14 ng/ml



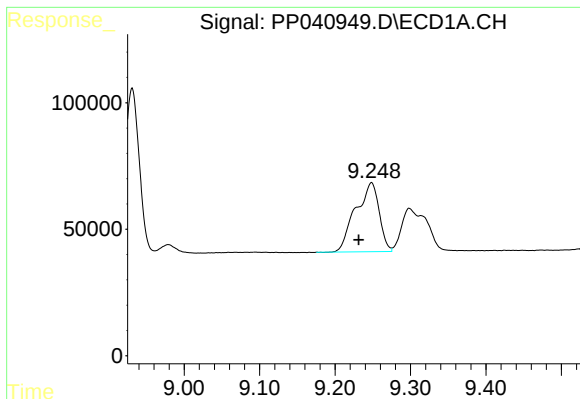
#40 AR-1262-5

R.T.: 9.952 min
Delta R.T.: 0.015 min
Response: 280180
Conc: 307.69 ng/ml



#40 AR-1262-5

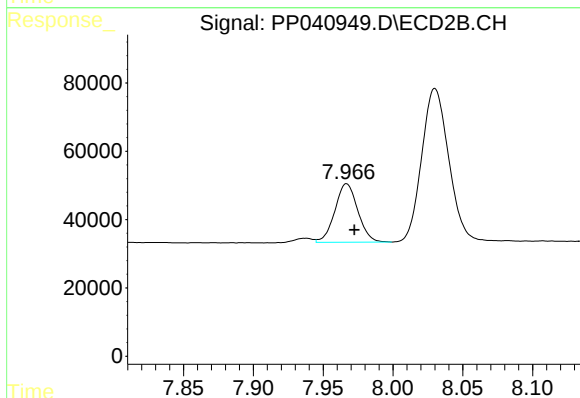
R.T.: 8.531 min
Delta R.T.: -0.007 min
Response: 226704
Conc: 326.46 ng/ml



#41 AR-1268-1

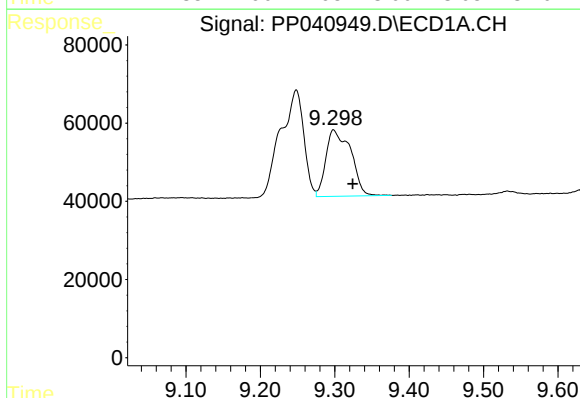
R.T.: 9.248 min
Delta R.T.: 0.017 min
Response: 594740
Conc: 218.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



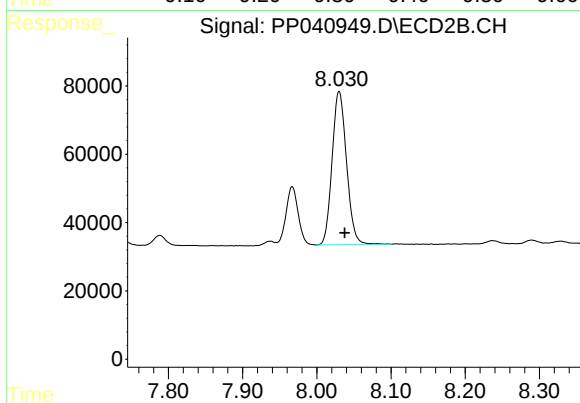
#41 AR-1268-1

R.T.: 7.967 min
Delta R.T.: -0.006 min
Response: 195341
Conc: 91.10 ng/ml



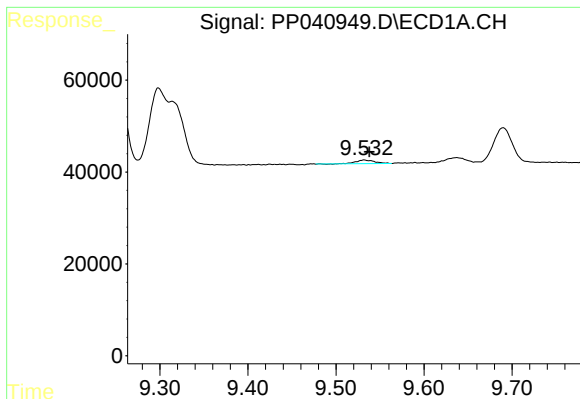
#42 AR-1268-2

R.T.: 9.298 min
Delta R.T.: -0.026 min
Response: 394578
Conc: 150.72 ng/ml



#42 AR-1268-2

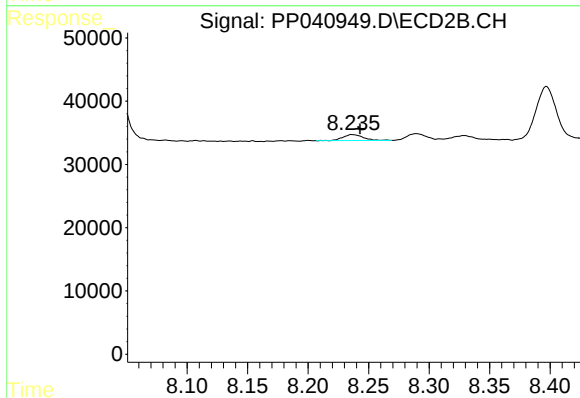
R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 607062
Conc: 304.56 ng/ml



#43 AR-1268-3

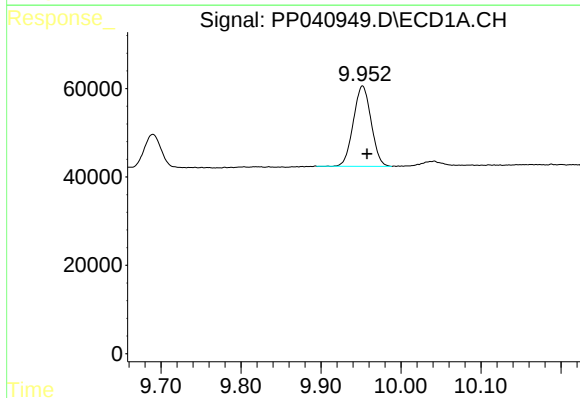
R.T.: 9.532 min
Delta R.T.: -0.006 min
Response: 11467
Conc: 5.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



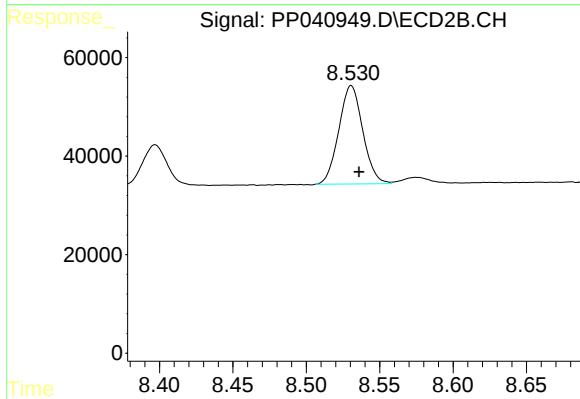
#43 AR-1268-3

R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 10846
Conc: 6.21 ng/ml



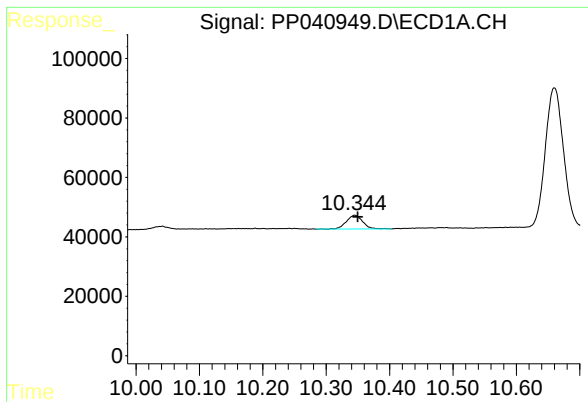
#44 AR-1268-4

R.T.: 9.952 min
Delta R.T.: -0.006 min
Response: 280180
Conc: 275.74 ng/ml



#44 AR-1268-4

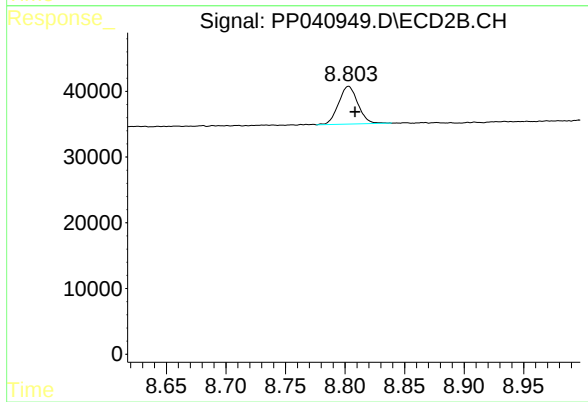
R.T.: 8.531 min
Delta R.T.: -0.005 min
Response: 226704
Conc: 295.37 ng/ml



#45 AR-1268-5

R.T.: 10.345 min
Delta R.T.: -0.005 min
Response: 81622
Conc: 11.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.803 min
Delta R.T.: -0.005 min
Response: 64669
Conc: 11.98 ng/ml