

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
 Data File : PP040157.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Oct 2021 18:06
 Operator : AJ\MA
 Sample : M4248-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 72-12002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 02:16:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 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...	4.894	3.985	354806	225014	11.683	13.310
2)	SA Decachlor...	10.913	9.308	443876	359557	17.959	16.942
Target Compounds							
3)	L1 AR-1016-1	0.000	5.273f	0	14170	N.D.	21.714 #
4)	L1 AR-1016-2	0.000	5.273	0	14170	N.D.	15.500 #
6)	L1 AR-1016-4	0.000	5.514	0	85183	N.D.	208.041 #
7)	L1 AR-1016-5	6.731	5.744	48436	46777	75.729	93.430
8)	L2 AR-1221-1	5.146	0.000	259600	0	745.428	N.D. #
9)	L2 AR-1221-2	0.000	4.319f	0	62316	N.D.	370.473 #
12)	L3 AR-1232-2	0.000	5.273	0	14170	N.D.	36.248 #
14)	L3 AR-1232-4	0.000	5.558	0	21001	N.D.	110.991 #
15)	L3 AR-1232-5	6.514	5.744	122402	46777	521.990	226.565 #
16)	L4 AR-1242-1	0.000	5.273f	0	14170	N.D.	28.479 #
17)	L4 AR-1242-2	0.000	5.273	0	14170	N.D.	20.747 #
19)	L4 AR-1242-4	0.000	5.558	0	21001	N.D.	56.693 #
20)	L4 AR-1242-5	7.202	6.125	59686	247361	114.123	518.616 #
21)	L5 AR-1248-1	0.000	5.273f	0	14170	N.D.	36.346 #
22)	L5 AR-1248-2	6.514	5.514	122402	85183	152.904	158.480
23)	L5 AR-1248-3	6.731	5.558	48436	21001	54.019	37.150 #
24)	L5 AR-1248-4	7.160	5.744	120601	46777	131.054	73.196 #
25)	L5 AR-1248-5	7.202	6.167	59686	30855	67.473	49.460 #
26)	L6 AR-1254-1	7.130	6.125	231134	247361	249.121	258.198
27)	L6 AR-1254-2	7.360	6.284	345113	215582	249.292	244.258
28)	L6 AR-1254-3	7.742	6.706	402270	382717	282.362	280.714
29)	L6 AR-1254-4	8.038	6.945	264401	211961	249.863	247.120
30)	L6 AR-1254-5	8.467	7.376	395184	437976	338.099	339.303
31)	L7 AR-1260-1	7.908	6.843	166075	203880	152.029	203.546 #
32)	L7 AR-1260-2	8.173	7.040	427749	189428	312.964	159.975 #
33)	L7 AR-1260-3	8.537	7.195	65437	185427	71.811	156.941 #
34)	L7 AR-1260-4	8.765	7.680	186524	49413	176.715	56.221 #
35)	L7 AR-1260-5	9.095	7.928	106676	110569	51.513	54.102
36)	L8 AR-1262-1	8.537	7.376	65437	437976	47.986	623.478 #
37)	L8 AR-1262-2	9.095	7.928	106676	110569	43.017	49.133
38)	L8 AR-1262-3	9.421f	8.215	419481	17371	364.736	17.836 #
39)	L8 AR-1262-4	9.480f	8.277	59939	106574	73.357	60.116
40)	L8 AR-1262-5	10.164	8.784	40564	338902	42.694	374.242 #
41)	L9 AR-1268-1	9.421f	8.215	419481	17371	142.050	6.438 #
42)	L9 AR-1268-2	9.480f	8.277	59939	106574	21.230	42.566 #
43)	L9 AR-1268-3	0.000	8.507f	0	13042	N.D.	5.956 #
44)	L9 AR-1268-4	10.164	8.784	40564	338902	39.359	341.762 #
45)	L9 AR-1268-5	10.577	9.059	71908	58664	8.360	8.229

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
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Acq On : 18 Oct 2021 18:06
Operator : AJ\MA
Sample : M4248-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
72-12002

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:16:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 13 08:03:59 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
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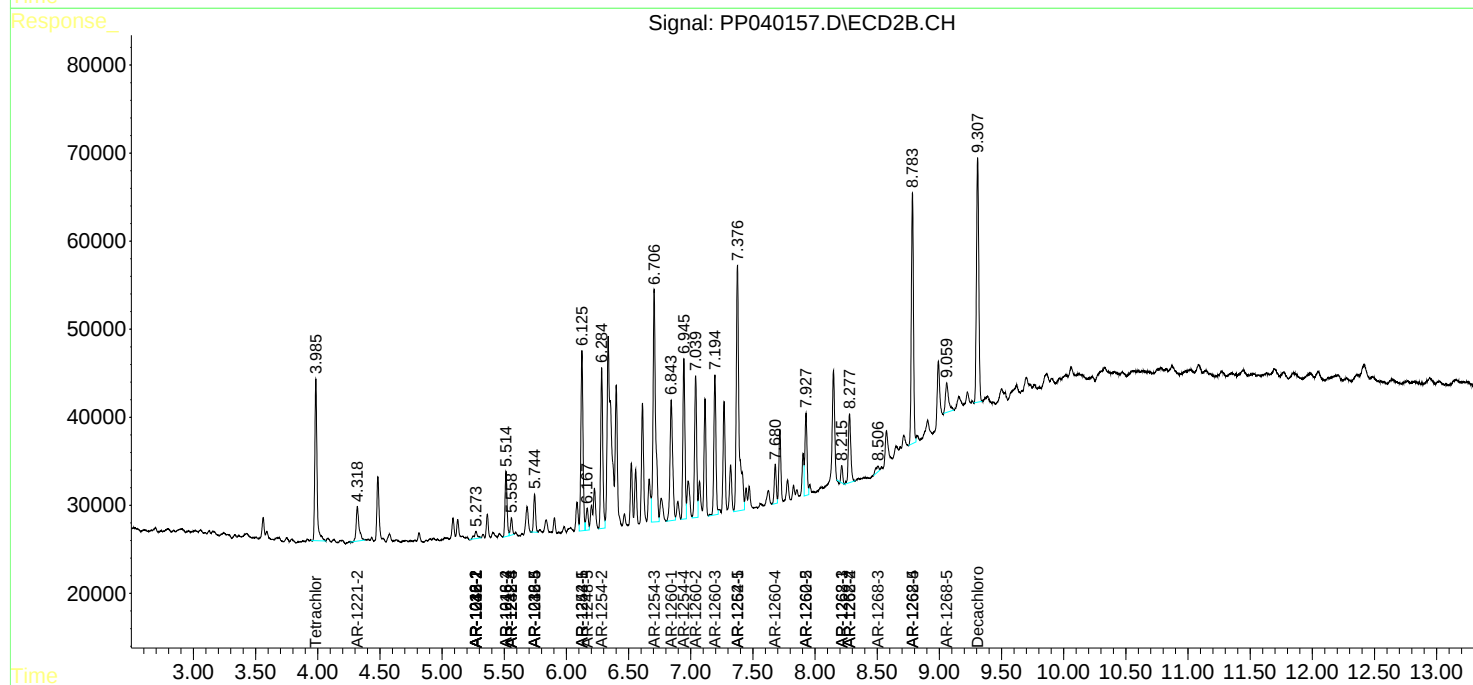
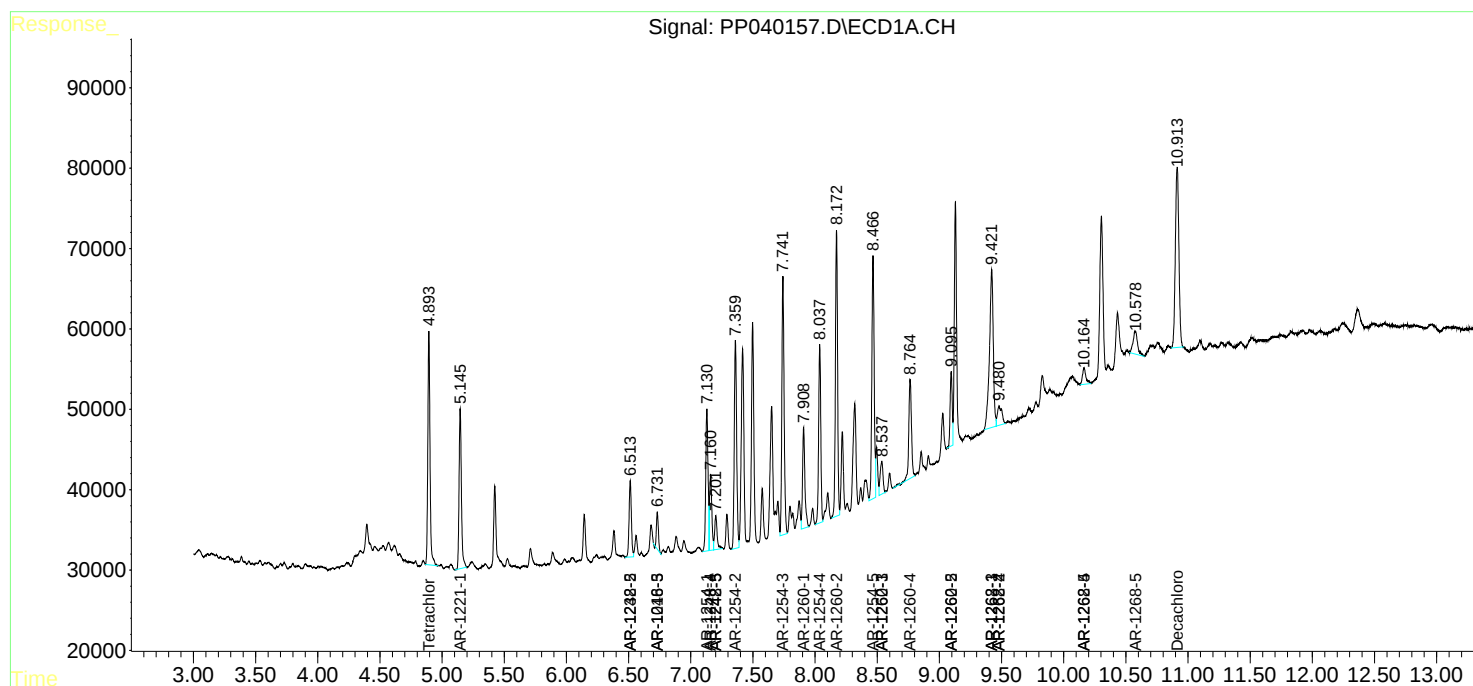
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

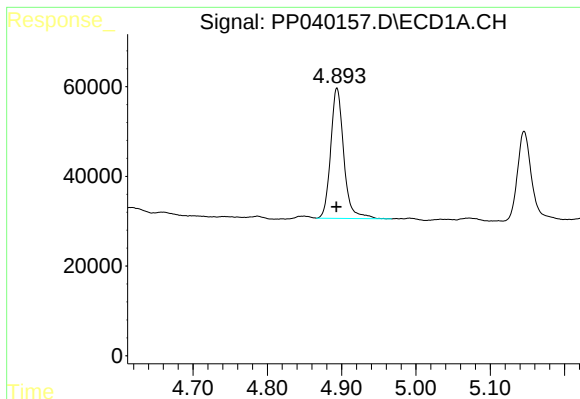
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101821\
Data File : PP040157.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2021 18:06
Operator : AJ\MA
Sample : M4248-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampled :
72-12002

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:16:51 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

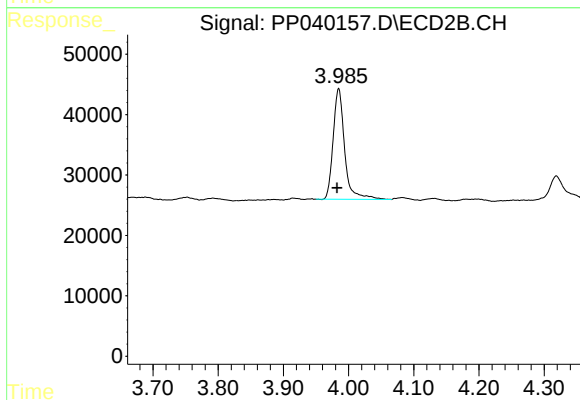




#1 Tetrachloro-m-xylene

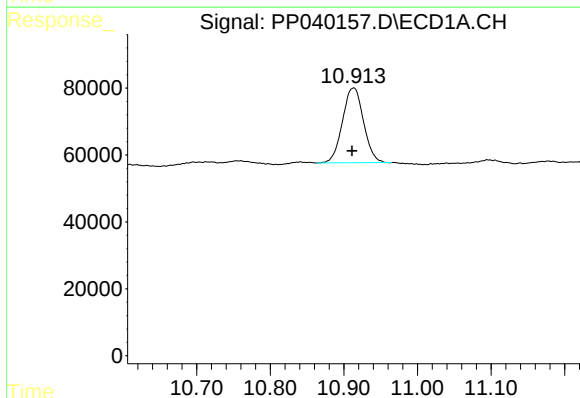
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 354806
Conc: 11.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



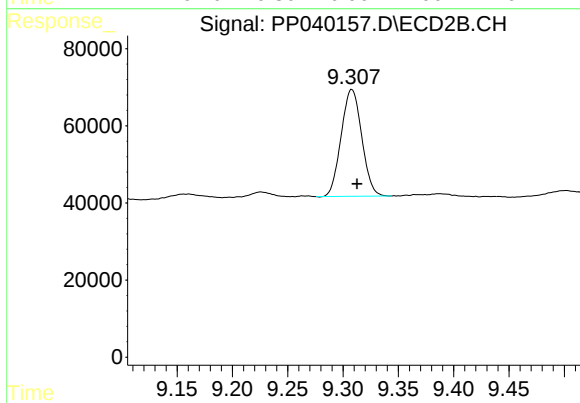
#1 Tetrachloro-m-xylene

R.T.: 3.985 min
Delta R.T.: 0.002 min
Response: 225014
Conc: 13.31 ng/ml



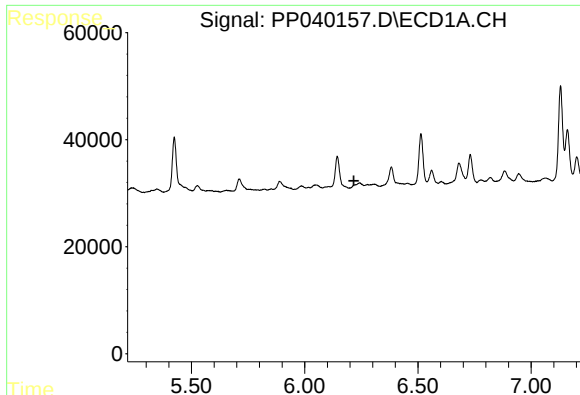
#2 Decachlorobiphenyl

R.T.: 10.913 min
Delta R.T.: 0.002 min
Response: 443876
Conc: 17.96 ng/ml



#2 Decachlorobiphenyl

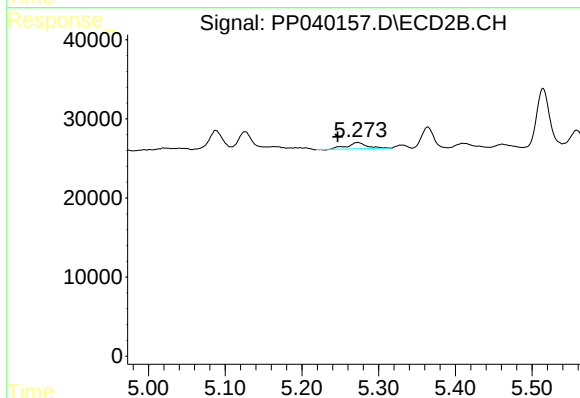
R.T.: 9.308 min
Delta R.T.: -0.005 min
Response: 359557
Conc: 16.94 ng/ml



#3 AR-1016-1

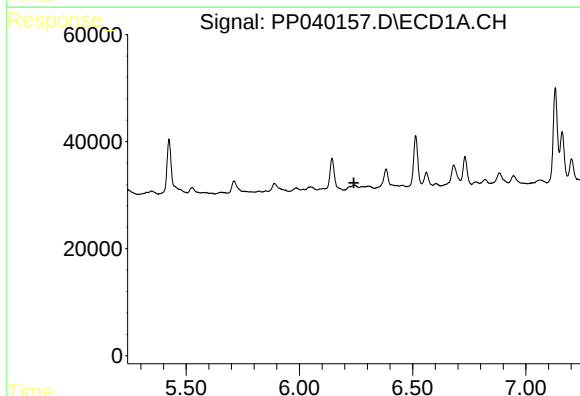
R.T.: 0.000 min
Exp R.T.: 6.217 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
72-12002



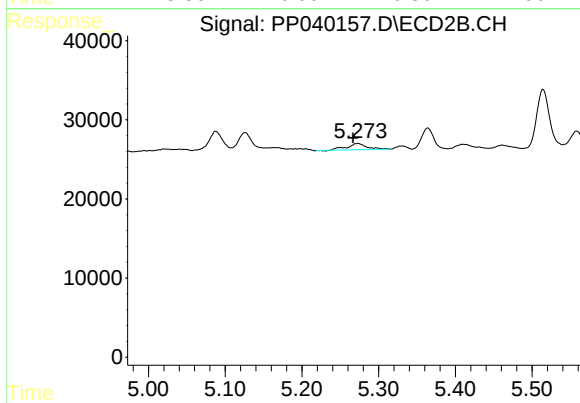
#3 AR-1016-1

R.T.: 5.273 min
Delta R.T.: 0.026 min
Response: 14170
Conc: 21.71 ng/ml



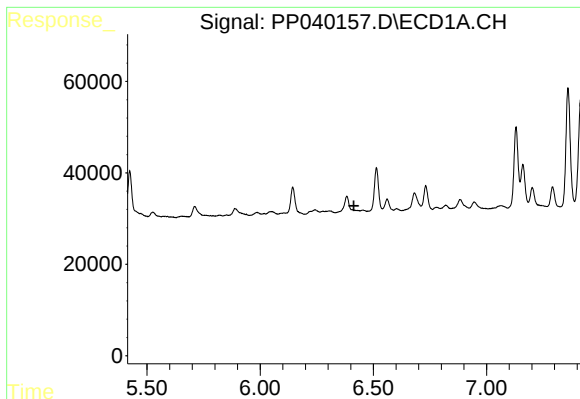
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.240 min
Response: 0
Conc: N.D.



#4 AR-1016-2

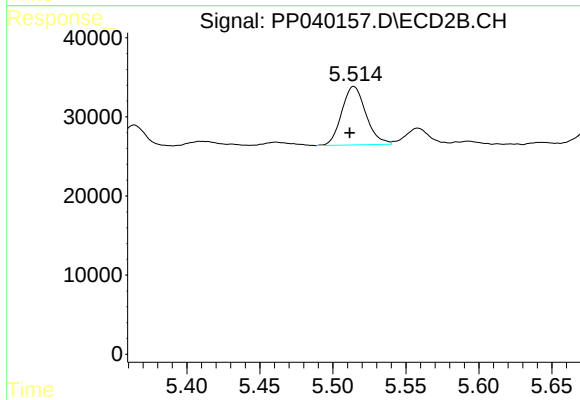
R.T.: 5.273 min
Delta R.T.: 0.006 min
Response: 14170
Conc: 15.50 ng/ml



#6 AR-1016-4

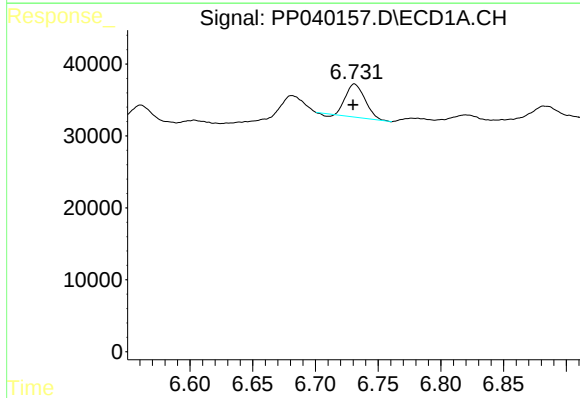
R.T.: 0.000 min
Exp R.T.: 6.414 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
72-12002



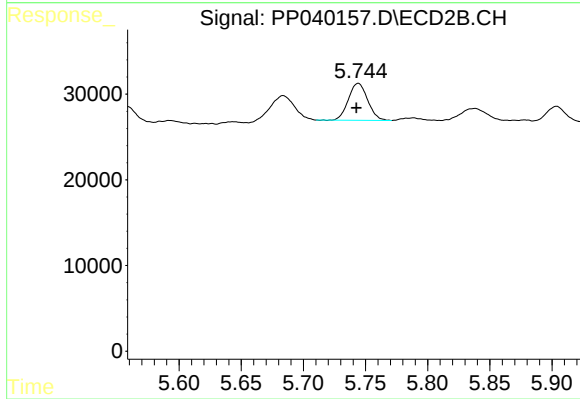
#6 AR-1016-4

R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 85183
Conc: 208.04 ng/ml



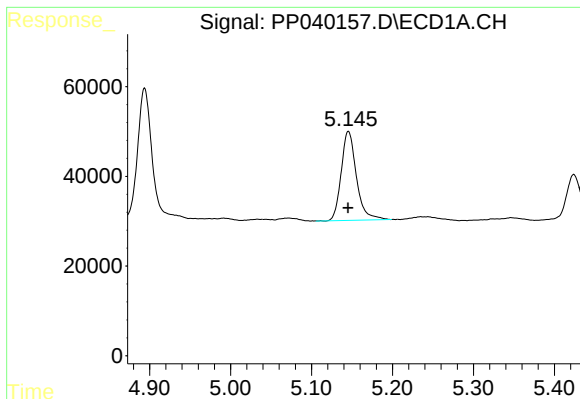
#7 AR-1016-5

R.T.: 6.731 min
Delta R.T.: 0.001 min
Response: 48436
Conc: 75.73 ng/ml



#7 AR-1016-5

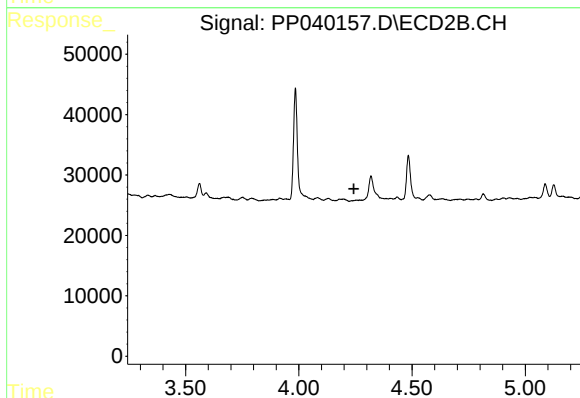
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 46777
Conc: 93.43 ng/ml



#8 AR-1221-1

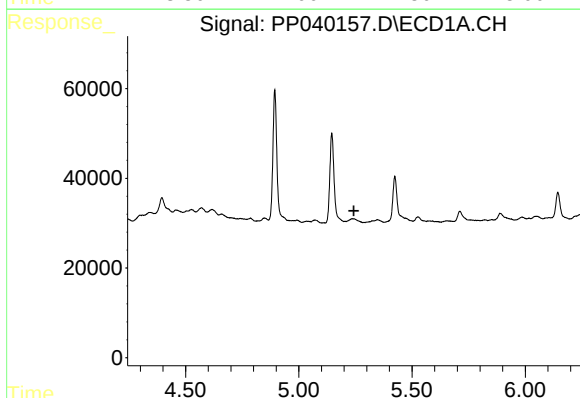
R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 259600
Conc: 745.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



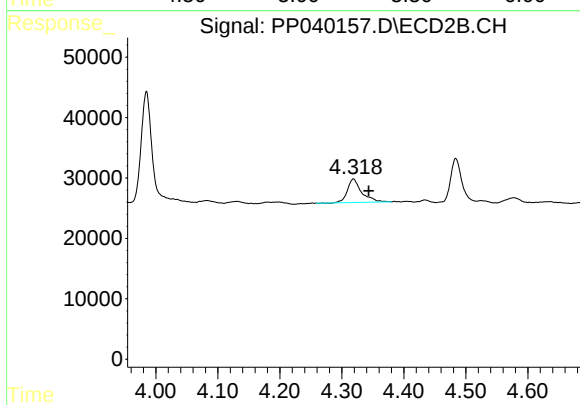
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.243 min
Response: 0
Conc: N.D.



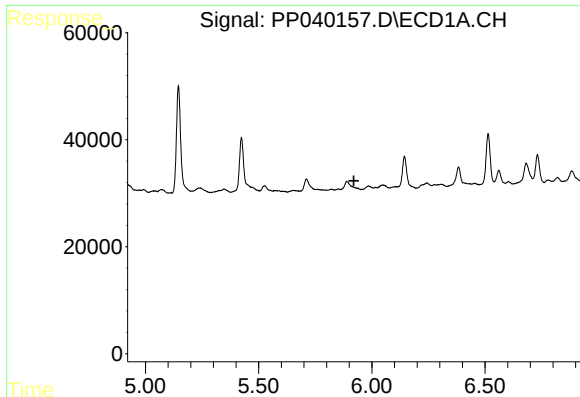
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.243 min
Response: 0
Conc: N.D.



#9 AR-1221-2

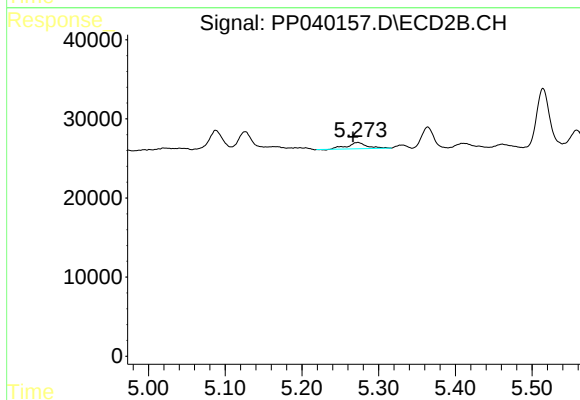
R.T.: 4.319 min
Delta R.T.: -0.024 min
Response: 62316
Conc: 370.47 ng/ml



#12 AR-1232-2

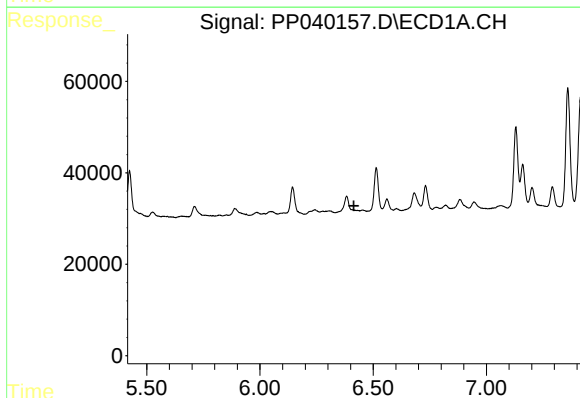
R.T.: 0.000 min
Exp R.T.: 5.920 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
72-12002



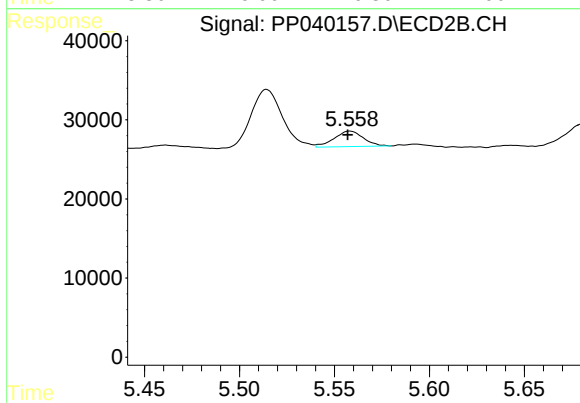
#12 AR-1232-2

R.T.: 5.273 min
Delta R.T.: 0.006 min
Response: 14170
Conc: 36.25 ng/ml



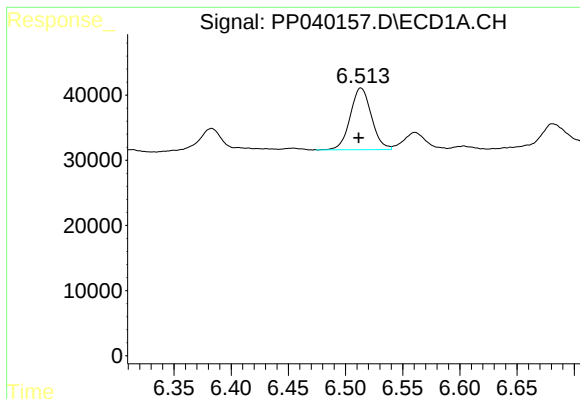
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.414 min
Response: 0
Conc: N.D.



#14 AR-1232-4

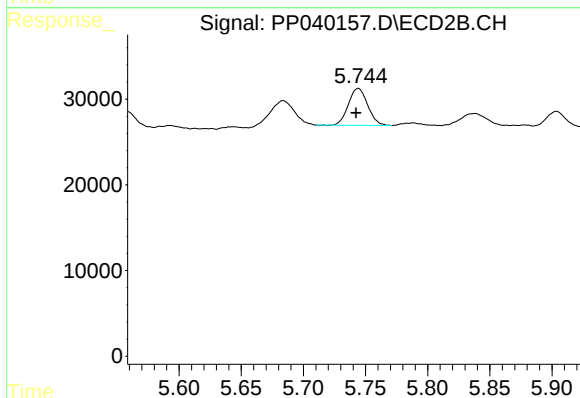
R.T.: 5.558 min
Delta R.T.: 0.001 min
Response: 21001
Conc: 110.99 ng/ml



#15 AR-1232-5

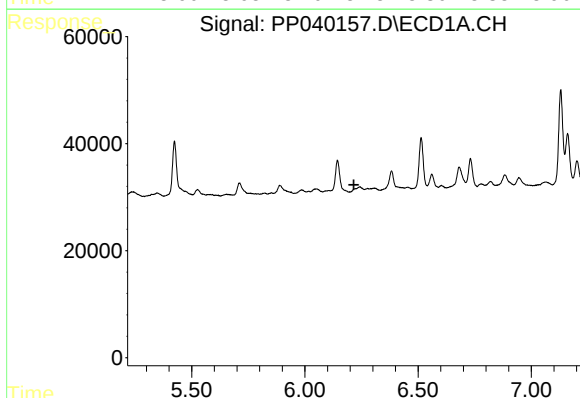
R.T.: 6.514 min
Delta R.T.: 0.002 min
Response: 122402
Conc: 521.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



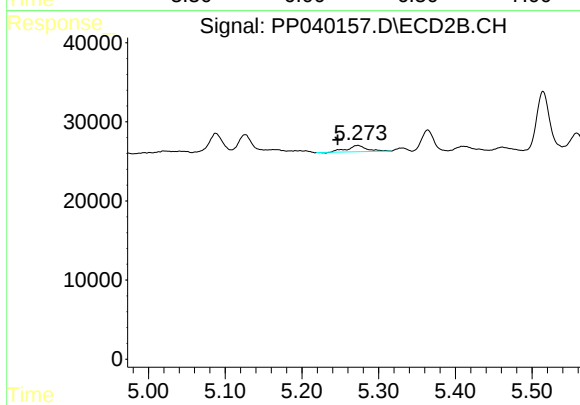
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 46777
Conc: 226.57 ng/ml



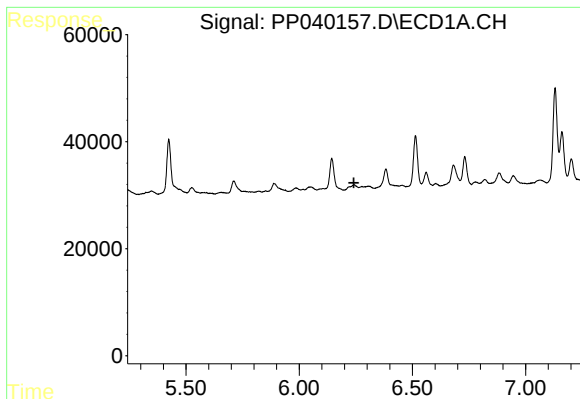
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.216 min
Response: 0
Conc: N.D.



#16 AR-1242-1

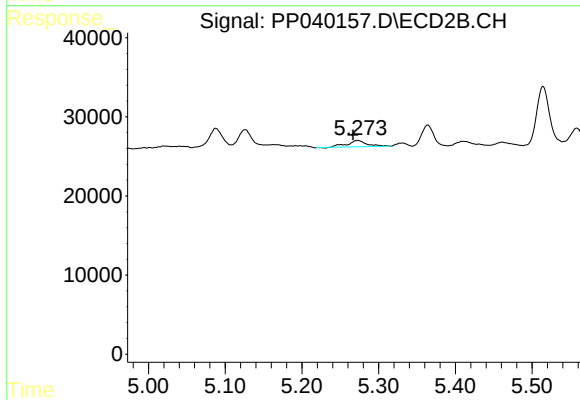
R.T.: 5.273 min
Delta R.T.: 0.026 min
Response: 14170
Conc: 28.48 ng/ml



#17 AR-1242-2

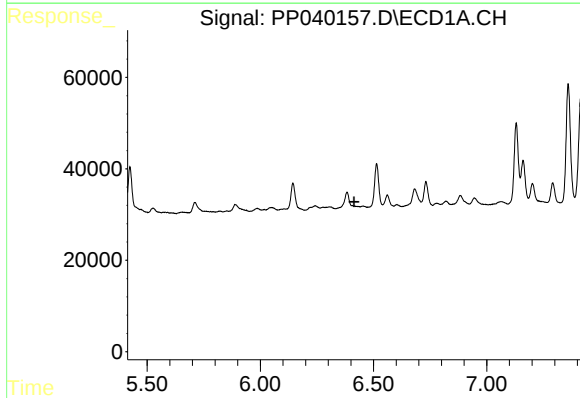
R.T.: 0.000 min
Exp R.T.: 6.241 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
72-12002



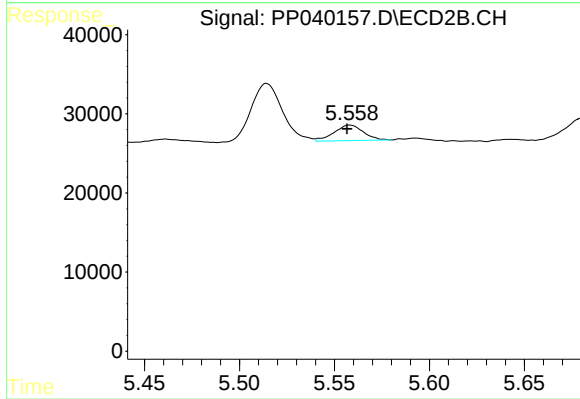
#17 AR-1242-2

R.T.: 5.273 min
Delta R.T.: 0.006 min
Response: 14170
Conc: 20.75 ng/ml



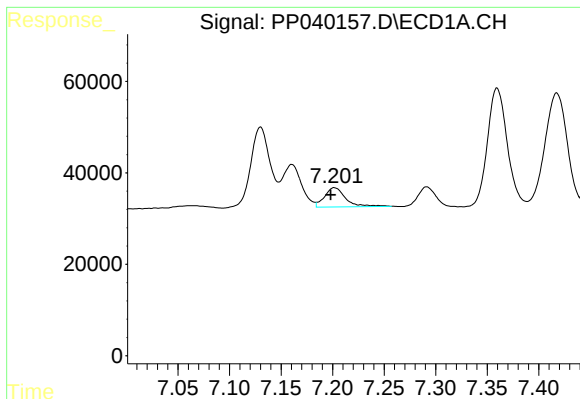
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.414 min
Response: 0
Conc: N.D.



#19 AR-1242-4

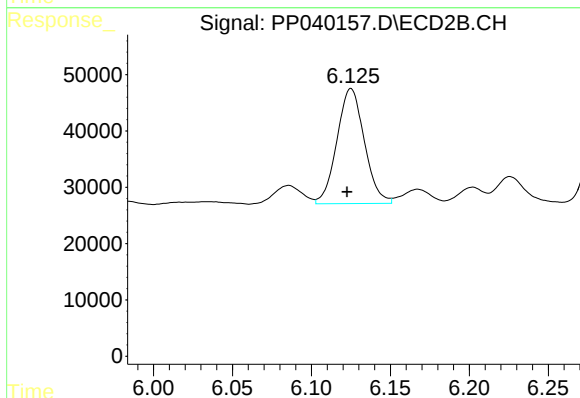
R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 21001
Conc: 56.69 ng/ml



#20 AR-1242-5

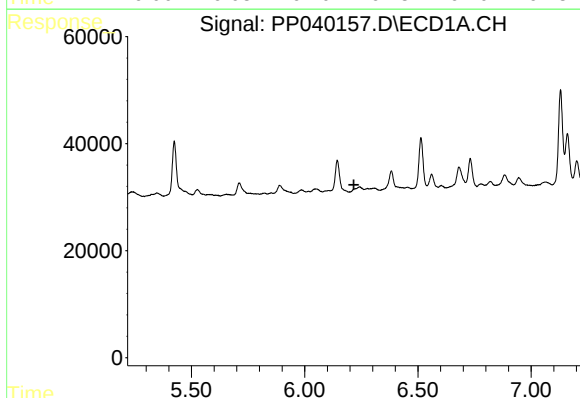
R.T.: 7.202 min
Delta R.T.: 0.004 min
Response: 59686
Conc: 114.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



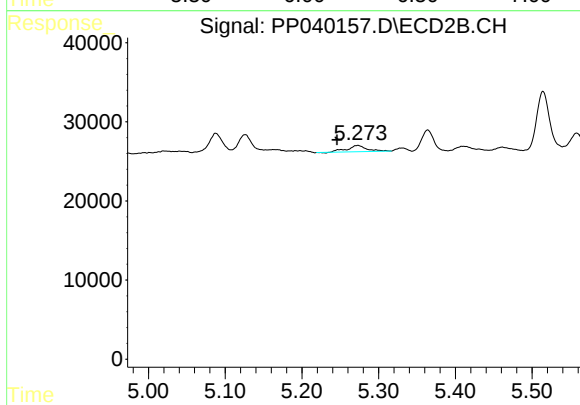
#20 AR-1242-5

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 247361
Conc: 518.62 ng/ml



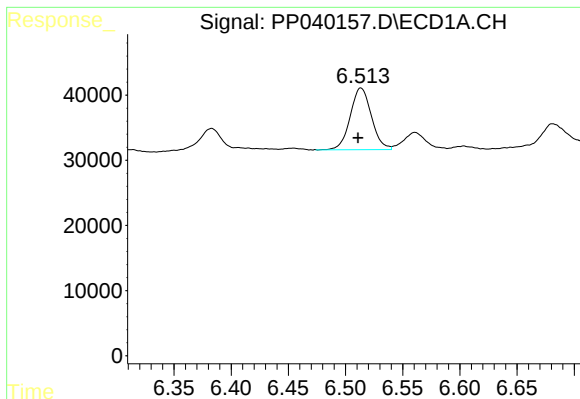
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.217 min
Response: 0
Conc: N.D.



#21 AR-1248-1

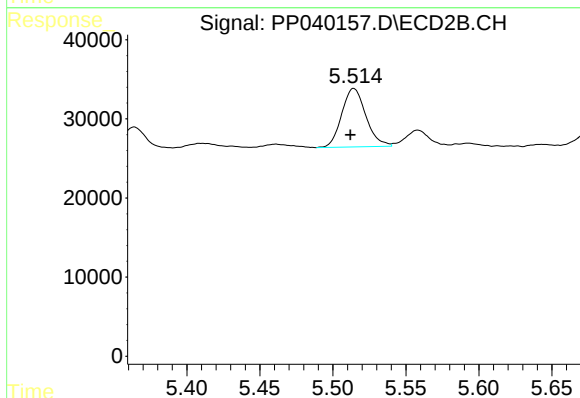
R.T.: 5.273 min
Delta R.T.: 0.027 min
Response: 14170
Conc: 36.35 ng/ml



#22 AR-1248-2

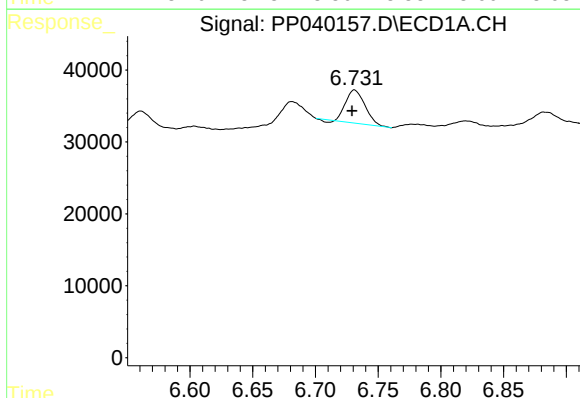
R.T.: 6.514 min
Delta R.T.: 0.003 min
Response: 122402
Conc: 152.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



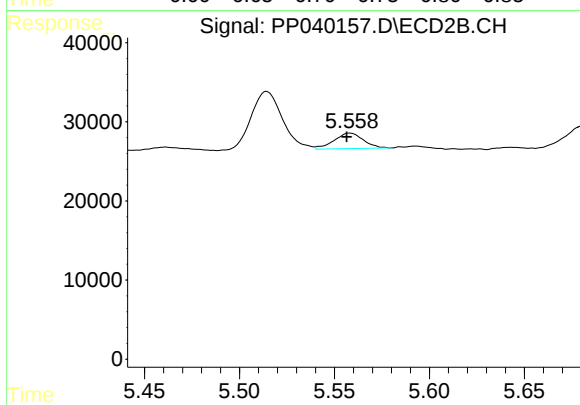
#22 AR-1248-2

R.T.: 5.514 min
Delta R.T.: 0.002 min
Response: 85183
Conc: 158.48 ng/ml



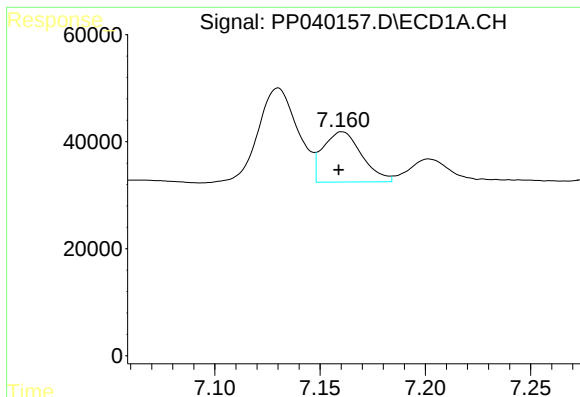
#23 AR-1248-3

R.T.: 6.731 min
Delta R.T.: 0.002 min
Response: 48436
Conc: 54.02 ng/ml



#23 AR-1248-3

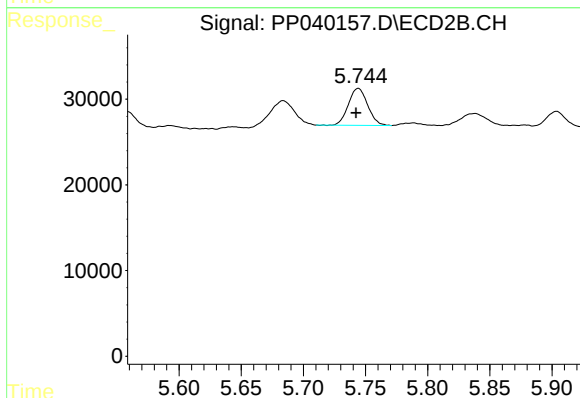
R.T.: 5.558 min
Delta R.T.: 0.002 min
Response: 21001
Conc: 37.15 ng/ml



#24 AR-1248-4

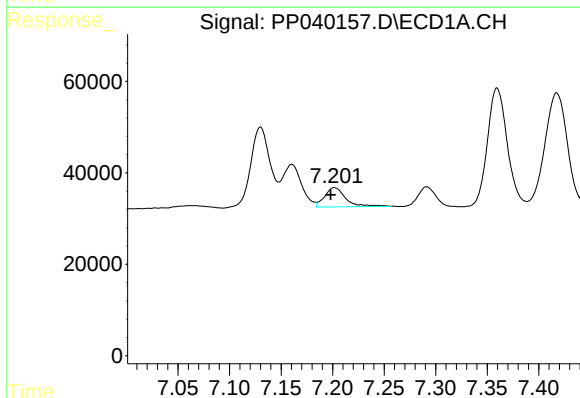
R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 120601
Conc: 131.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



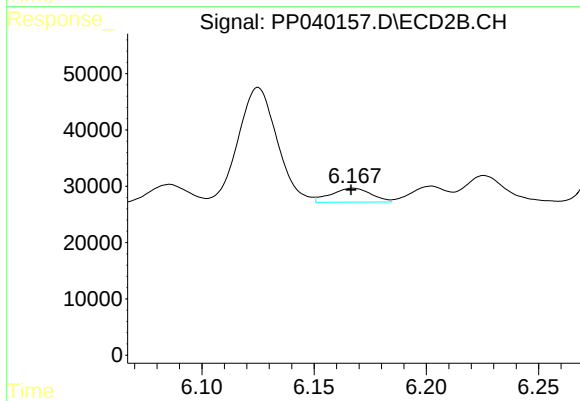
#24 AR-1248-4

R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 46777
Conc: 73.20 ng/ml



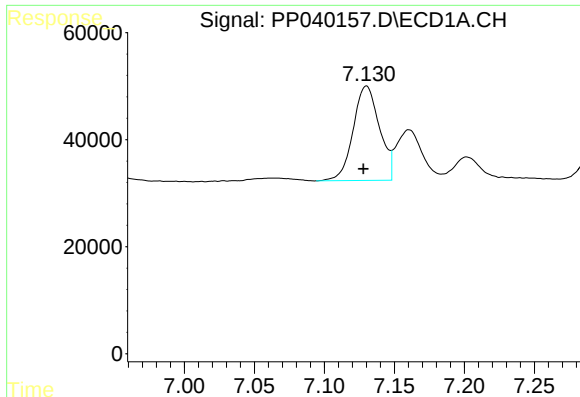
#25 AR-1248-5

R.T.: 7.202 min
Delta R.T.: 0.004 min
Response: 59686
Conc: 67.47 ng/ml



#25 AR-1248-5

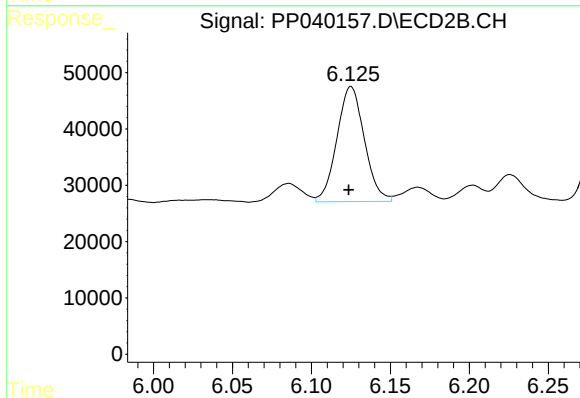
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 30855
Conc: 49.46 ng/ml



#26 AR-1254-1

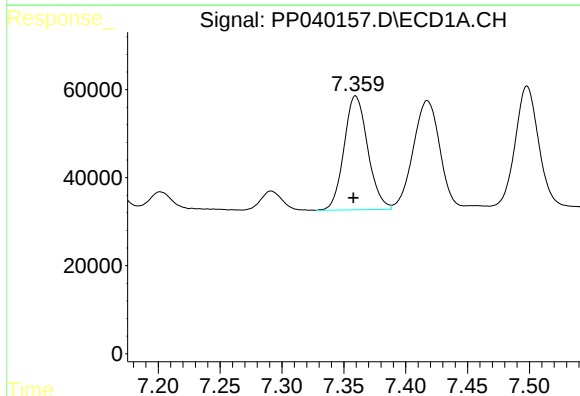
R.T.: 7.130 min
Delta R.T.: 0.002 min
Response: 231134
Conc: 249.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



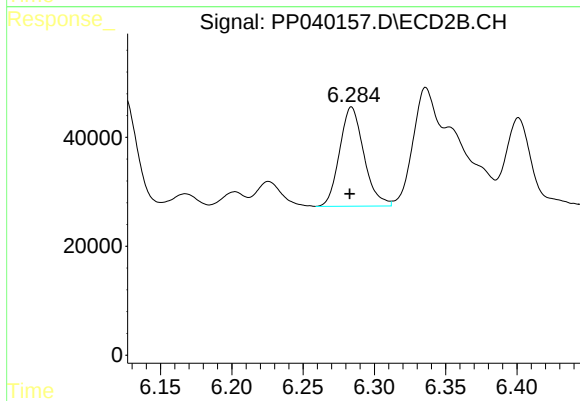
#26 AR-1254-1

R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 247361
Conc: 258.20 ng/ml



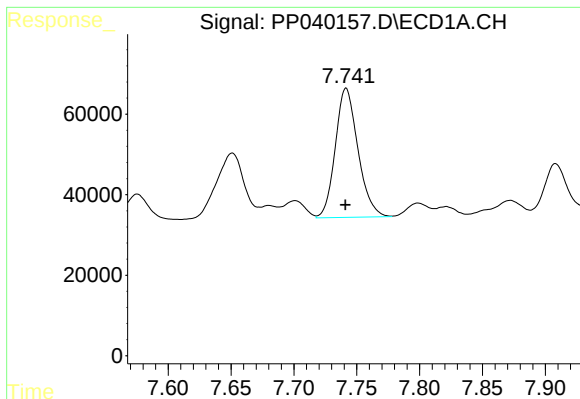
#27 AR-1254-2

R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 345113
Conc: 249.29 ng/ml



#27 AR-1254-2

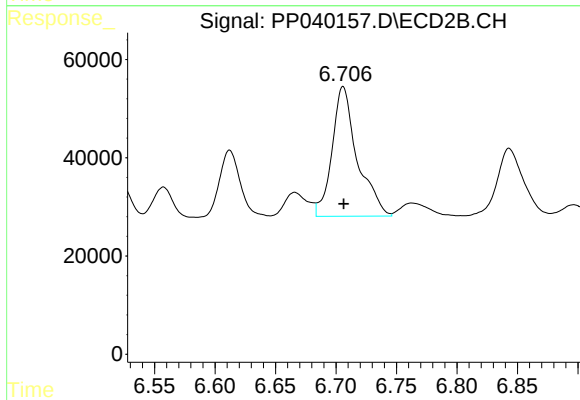
R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 215582
Conc: 244.26 ng/ml



#28 AR-1254-3

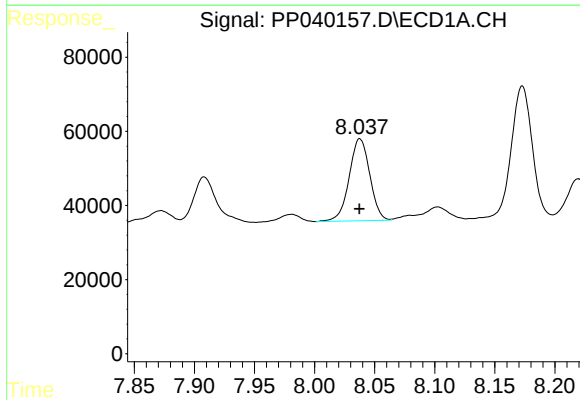
R.T.: 7.742 min
Delta R.T.: 0.000 min
Response: 402270
Conc: 282.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



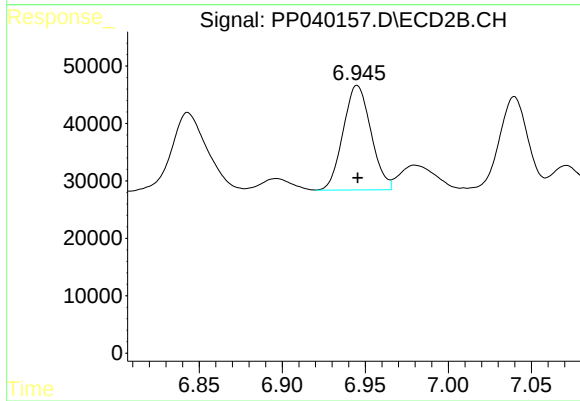
#28 AR-1254-3

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 382717
Conc: 280.71 ng/ml



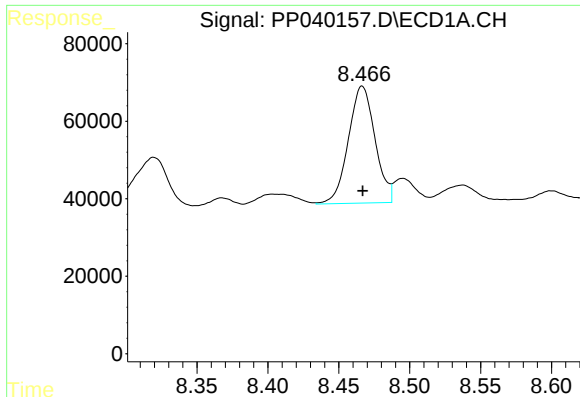
#29 AR-1254-4

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 264401
Conc: 249.86 ng/ml



#29 AR-1254-4

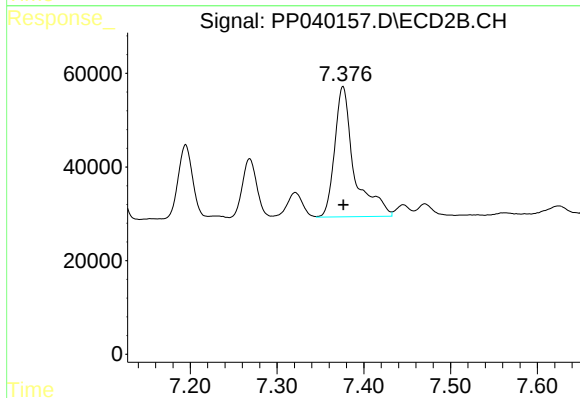
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 211961
Conc: 247.12 ng/ml



#30 AR-1254-5

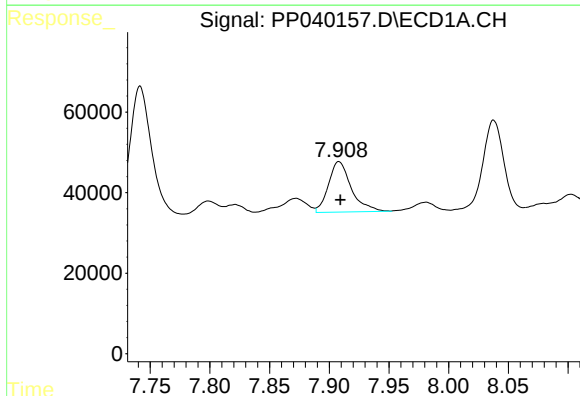
R.T.: 8.467 min
Delta R.T.: 0.000 min
Response: 395184
Conc: 338.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



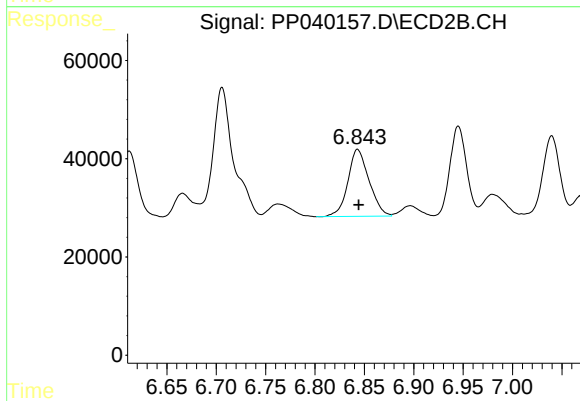
#30 AR-1254-5

R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 437976
Conc: 339.30 ng/ml



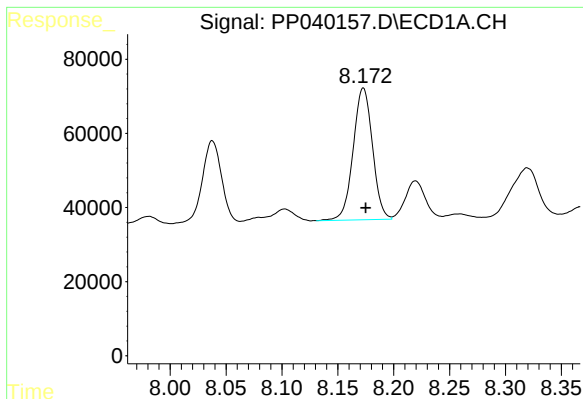
#31 AR-1260-1

R.T.: 7.908 min
Delta R.T.: -0.001 min
Response: 166075
Conc: 152.03 ng/ml



#31 AR-1260-1

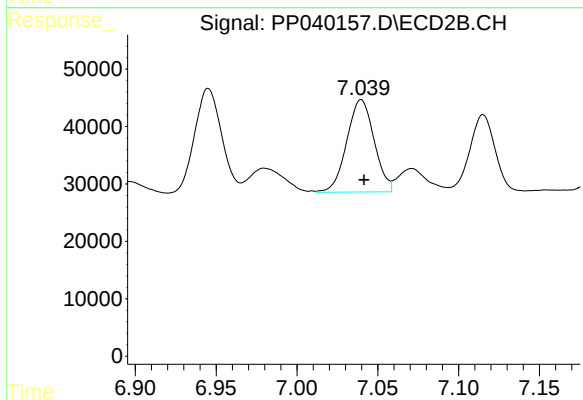
R.T.: 6.843 min
Delta R.T.: -0.001 min
Response: 203880
Conc: 203.55 ng/ml



#32 AR-1260-2

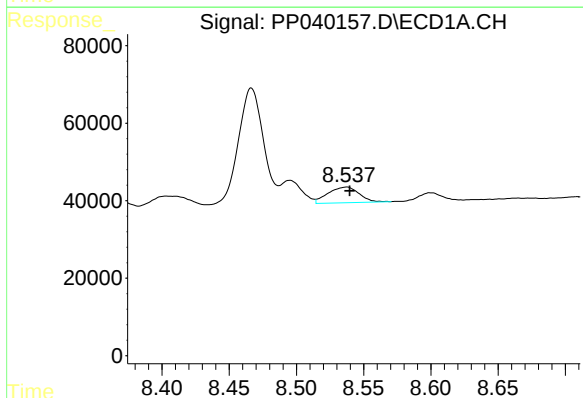
R.T.: 8.173 min
Delta R.T.: -0.002 min
Response: 427749
Conc: 312.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



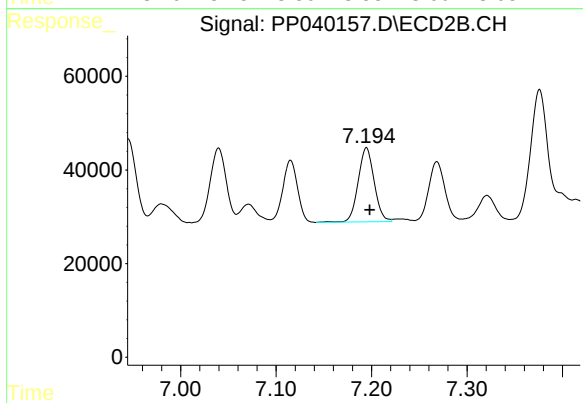
#32 AR-1260-2

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 189428
Conc: 159.98 ng/ml



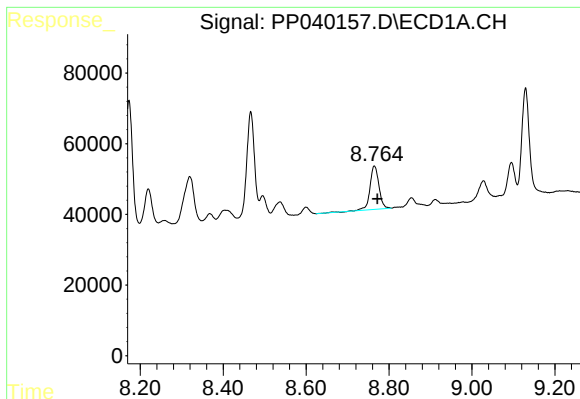
#33 AR-1260-3

R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 65437
Conc: 71.81 ng/ml



#33 AR-1260-3

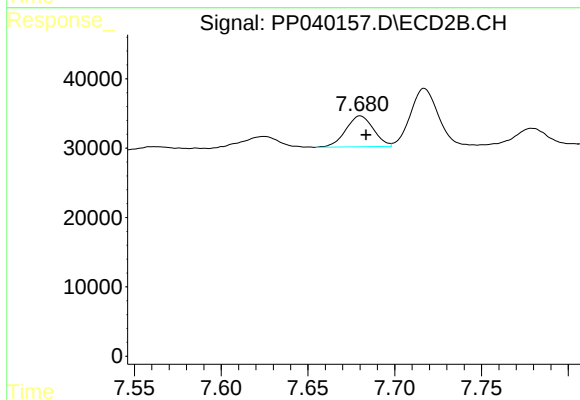
R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 185427
Conc: 156.94 ng/ml



#34 AR-1260-4

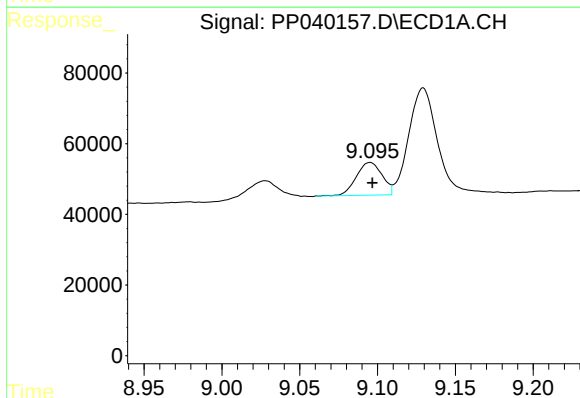
R.T.: 8.765 min
Delta R.T.: -0.007 min
Response: 186524
Conc: 176.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



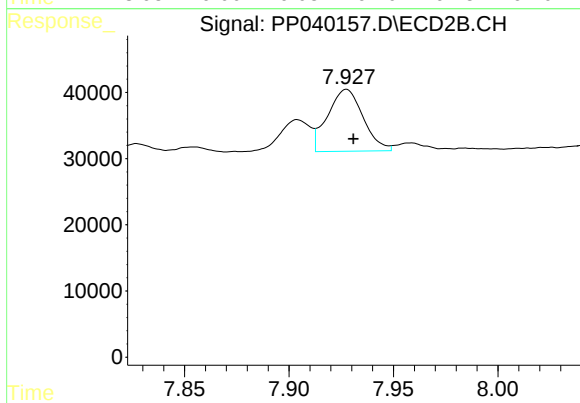
#34 AR-1260-4

R.T.: 7.680 min
Delta R.T.: -0.003 min
Response: 49413
Conc: 56.22 ng/ml



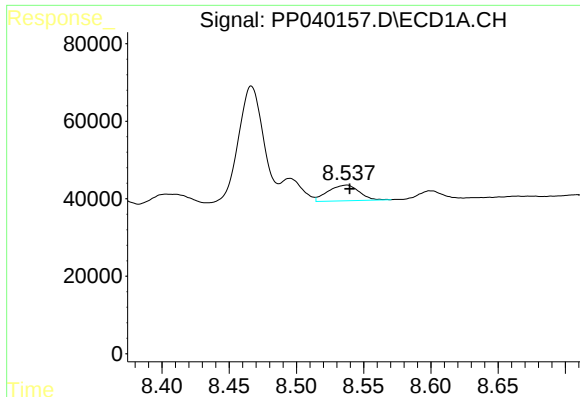
#35 AR-1260-5

R.T.: 9.095 min
Delta R.T.: -0.001 min
Response: 106676
Conc: 51.51 ng/ml



#35 AR-1260-5

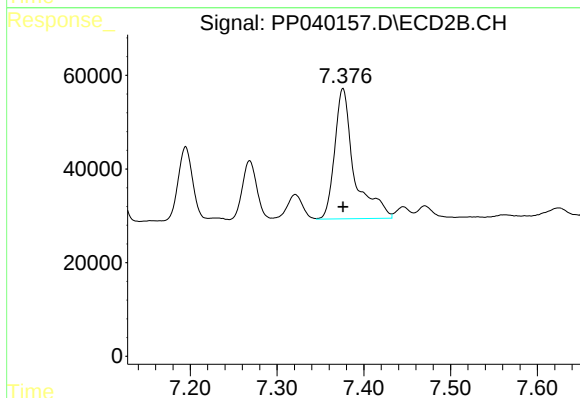
R.T.: 7.928 min
Delta R.T.: -0.003 min
Response: 110569
Conc: 54.10 ng/ml



#36 AR-1262-1

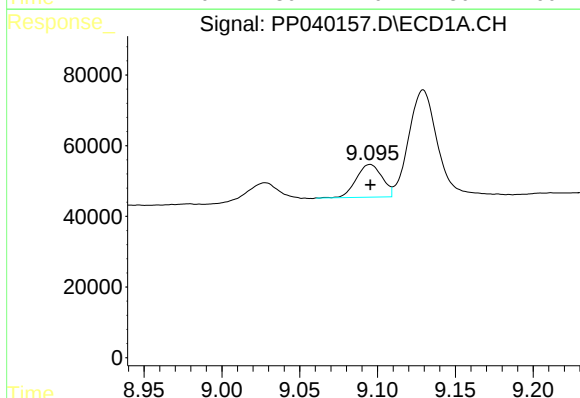
R.T.: 8.537 min
Delta R.T.: -0.003 min
Response: 65437
Conc: 47.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



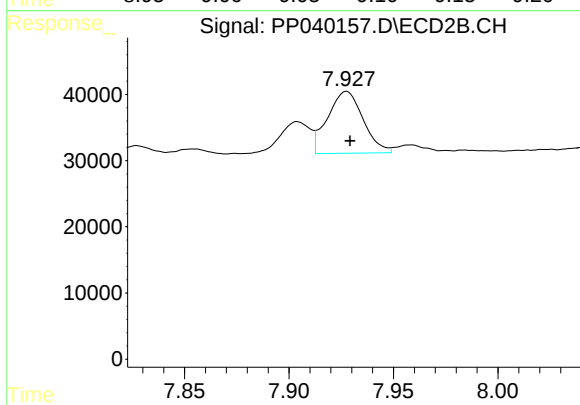
#36 AR-1262-1

R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 437976
Conc: 623.48 ng/ml



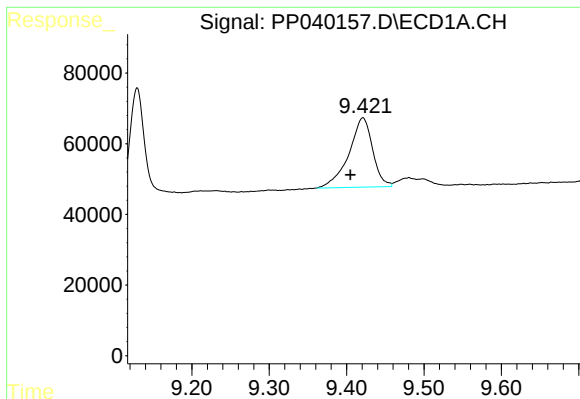
#37 AR-1262-2

R.T.: 9.095 min
Delta R.T.: 0.000 min
Response: 106676
Conc: 43.02 ng/ml



#37 AR-1262-2

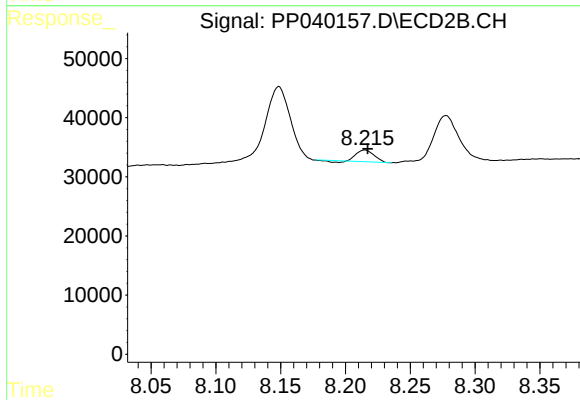
R.T.: 7.928 min
Delta R.T.: -0.002 min
Response: 110569
Conc: 49.13 ng/ml



#38 AR-1262-3

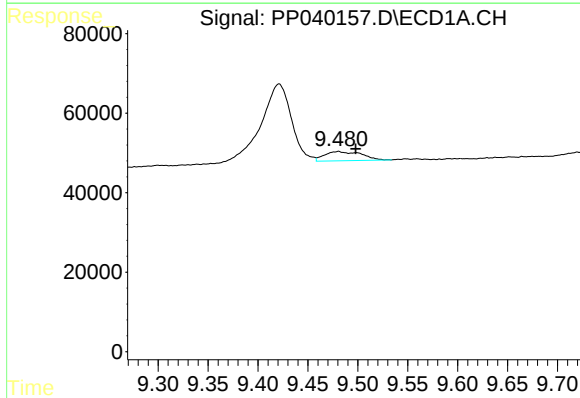
R.T.: 9.421 min
Delta R.T.: 0.016 min
Response: 419481
Conc: 364.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



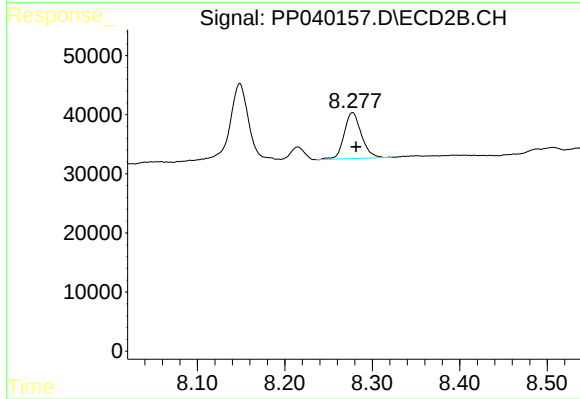
#38 AR-1262-3

R.T.: 8.215 min
Delta R.T.: -0.002 min
Response: 17371
Conc: 17.84 ng/ml



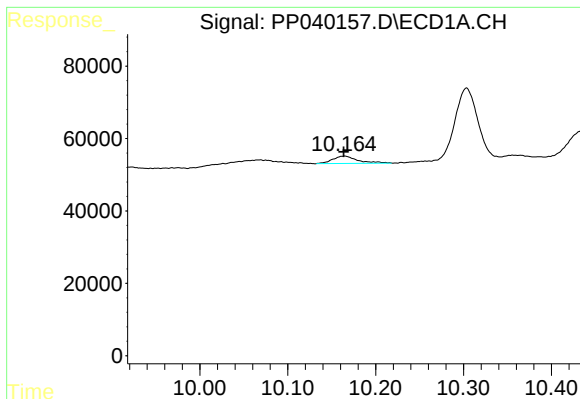
#39 AR-1262-4

R.T.: 9.480 min
Delta R.T.: -0.018 min
Response: 59939
Conc: 73.36 ng/ml



#39 AR-1262-4

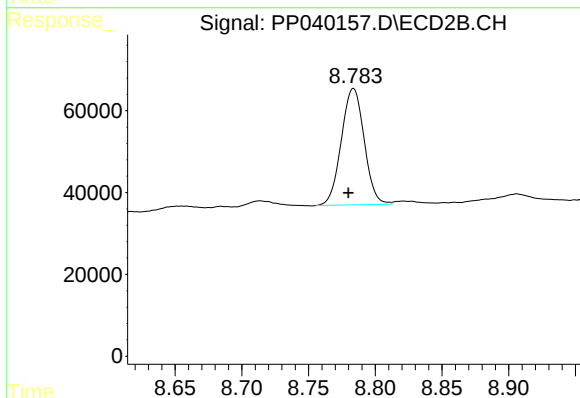
R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 106574
Conc: 60.12 ng/ml



#40 AR-1262-5

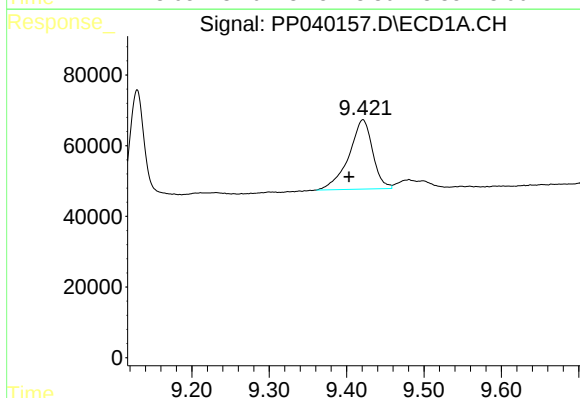
R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 40564
Conc: 42.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



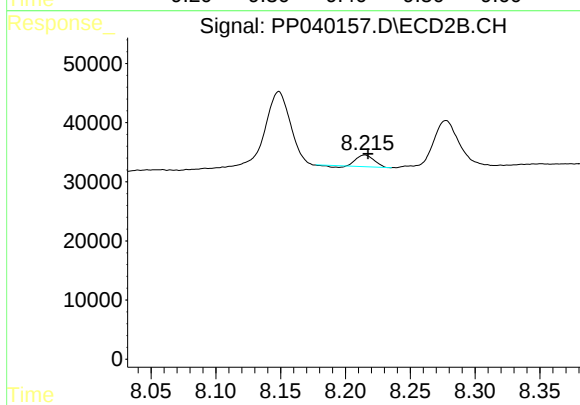
#40 AR-1262-5

R.T.: 8.784 min
Delta R.T.: 0.004 min
Response: 338902
Conc: 374.24 ng/ml



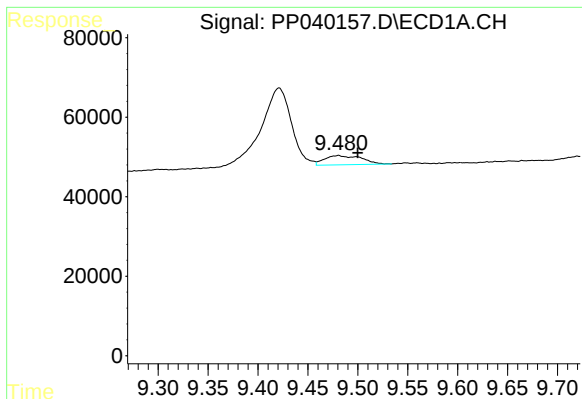
#41 AR-1268-1

R.T.: 9.421 min
Delta R.T.: 0.018 min
Response: 419481
Conc: 142.05 ng/ml



#41 AR-1268-1

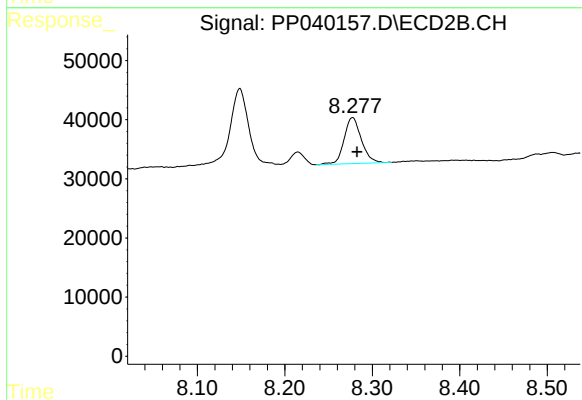
R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 17371
Conc: 6.44 ng/ml



#42 AR-1268-2

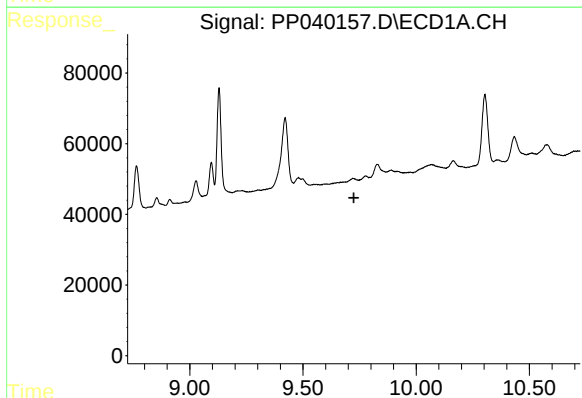
R.T.: 9.480 min
Delta R.T.: -0.020 min
Response: 59939
Conc: 21.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



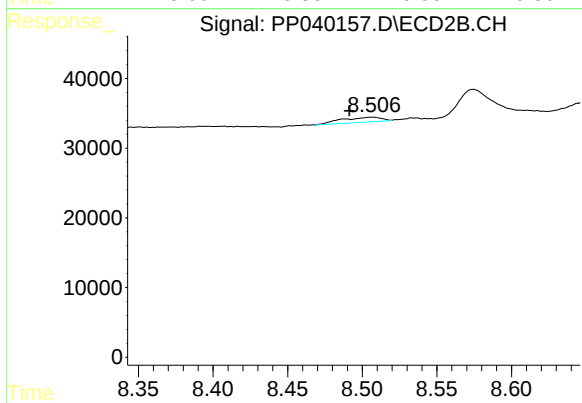
#42 AR-1268-2

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 106574
Conc: 42.57 ng/ml



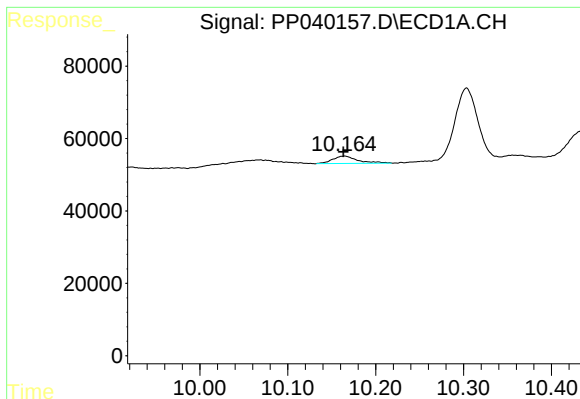
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.725 min
Response: 0
Conc: N.D.



#43 AR-1268-3

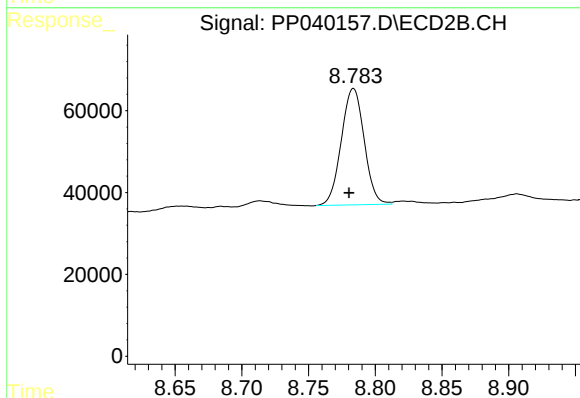
R.T.: 8.507 min
Delta R.T.: 0.015 min
Response: 13042
Conc: 5.96 ng/ml



#44 AR-1268-4

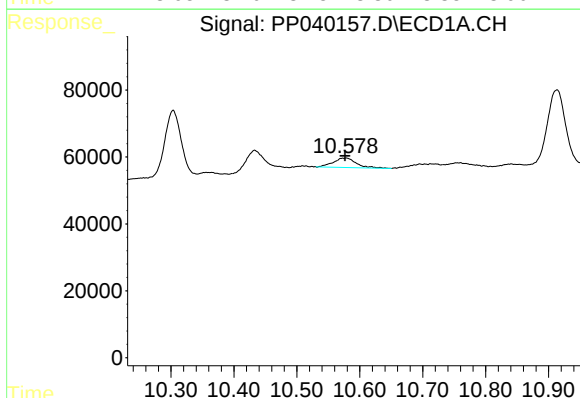
R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 40564
Conc: 39.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
72-12002



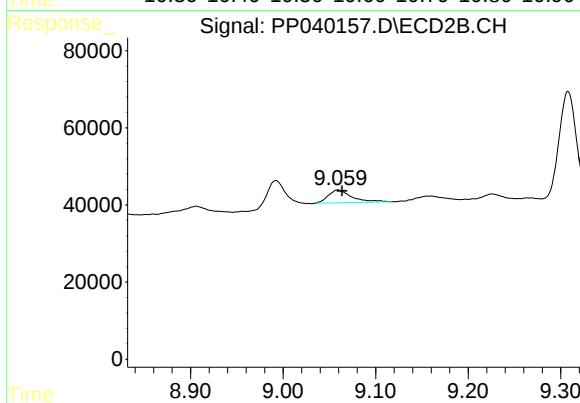
#44 AR-1268-4

R.T.: 8.784 min
Delta R.T.: 0.003 min
Response: 338902
Conc: 341.76 ng/ml



#45 AR-1268-5

R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 71908
Conc: 8.36 ng/ml



#45 AR-1268-5

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 58664
Conc: 8.23 ng/ml