

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040121\
 Data File : PP034558.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Apr 2021 20:33
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 02:57:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 31 06:02:19 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...	4.845	4.257	4193431	2302964	54.971	51.265
2)	SA Decachlor...	10.765	9.564	4030492	1375337	52.358	48.709
Target Compounds							
3)	L1 AR-1016-1	6.157	5.510	695925	334660	295.788	282.098
4)	L1 AR-1016-2	6.181	5.531	868250	361187	244.460	203.413
5)	L1 AR-1016-3	6.246	5.724	436697	250029	204.514	267.589 #
6)	L1 AR-1016-4	6.350	5.771	493790	507320	277.280	698.509 #
7)	L1 AR-1016-5	6.665	6.002	1233622	605537	715.004	662.038
8)	L2 AR-1221-1	0.000	4.510	0	6558	N.D.	14.449 #
9)	L2 AR-1221-2	5.194	4.611	60664	36755	106.495	105.353
10)	L2 AR-1221-3	5.278	4.700	61677	33673	33.890	32.099
11)	L3 AR-1232-1	5.278	4.700	61677	33673	41.527	39.862
12)	L3 AR-1232-2	5.862	5.531	344467	361187	453.930	479.946
13)	L3 AR-1232-3	6.181	5.724	868250	250029	592.193	629.924
14)	L3 AR-1232-4	6.350	5.816	493790	539592	687.431	1568.756 #
15)	L3 AR-1232-5	6.450	6.002	1020535	605537	2168.832	1703.532
16)	L4 AR-1242-1	6.157	5.510	695925	334660	371.812	357.188
17)	L4 AR-1242-2	6.181	5.531	868250	361187	307.715	254.069
18)	L4 AR-1242-3	6.246	5.724	436697	250029	256.403	334.871 #
19)	L4 AR-1242-4	6.350	5.816	493790	539592	353.099	733.358 #
20)	L4 AR-1242-5	7.132	6.379	1251312	750827	849.769	915.687
21)	L5 AR-1248-1	6.157	5.510	695925	334660	489.250	458.738
22)	L5 AR-1248-2	6.450	5.771	1020535	507320	515.708	494.221
23)	L5 AR-1248-3	6.665	5.816	1233622	539592	518.962	492.333
24)	L5 AR-1248-4	7.093	6.002	1227482	605537	481.009	479.775
25)	L5 AR-1248-5	7.132	6.422	1251312	509954	491.058	451.231
26)	L6 AR-1254-1	7.062	6.379	987817	750827	359.268	406.973
27)	L6 AR-1254-2	7.295	6.535	1304882	257809	306.877	161.142 #
28)	L6 AR-1254-3	7.671	6.955	754233	372638	165.250	149.309
29)	L6 AR-1254-4	7.967	7.192	455126	228874	147.201	174.109
30)	L6 AR-1254-5	8.394	7.618	124876	86439	35.138	42.530
31)	L7 AR-1260-1	7.836	7.104	99700	176772	32.117	115.111 #
32)	L7 AR-1260-2	8.100	7.283	119894	46010	31.926	25.470
33)	L7 AR-1260-3	8.455	7.438	23120	46713	7.649	26.926 #
34)	L7 AR-1260-4	8.690	7.920	114881	4643	32.906	3.238 #
35)	L7 AR-1260-5	9.017	8.162	66734	24100	9.318	7.055
36)	L8 AR-1262-1	8.455	7.618	23120	86439	5.053	80.484 #
37)	L8 AR-1262-2	9.017	8.162	66734	24100	8.553	7.024
38)	L8 AR-1262-3	9.337f	0.000	17560	0	3.263	N.D. #
39)	L8 AR-1262-4	0.000	8.509	0	26113	N.D.	9.482 #
40)	L8 AR-1262-5	0.000	9.013	0	2607	N.D.	2.298 #
41)	L9 AR-1268-1	9.337f	0.000	17560	0	1.754	N.D. #

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 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

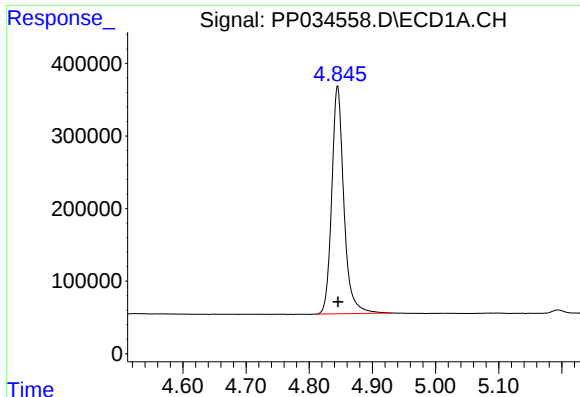
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 02:57:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP033021.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	0.000	8.509	0	26113	N.D.	6.309 #
43) L9	AR-1268-3	9.631	8.723	35033	13722	3.989	3.772
44) L9	AR-1268-4	0.000	9.013	0	2607	N.D.	2.024 #
45) L9	AR-1268-5	10.445	9.305	40006	21093	1.401	2.031 #

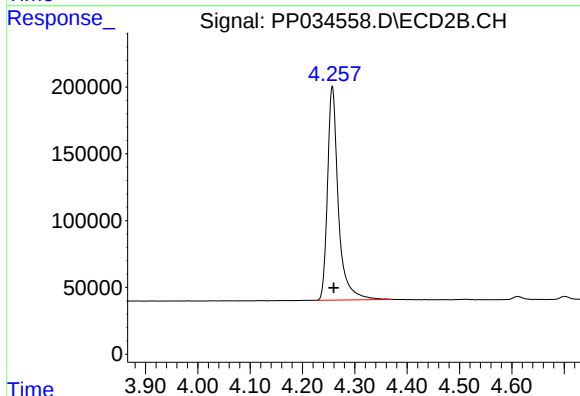
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

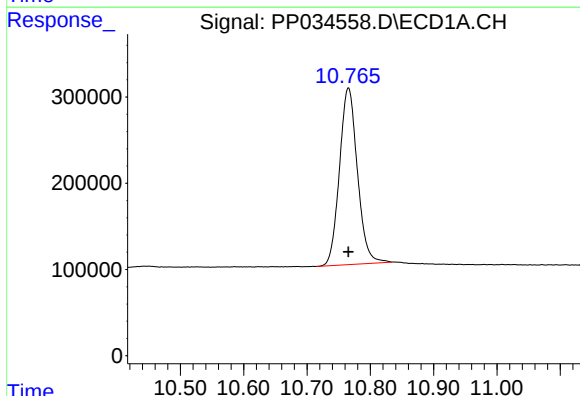
R.T.: 4.845 min
Delta R.T.: -0.001 min
Response: 4193431
Conc: 54.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



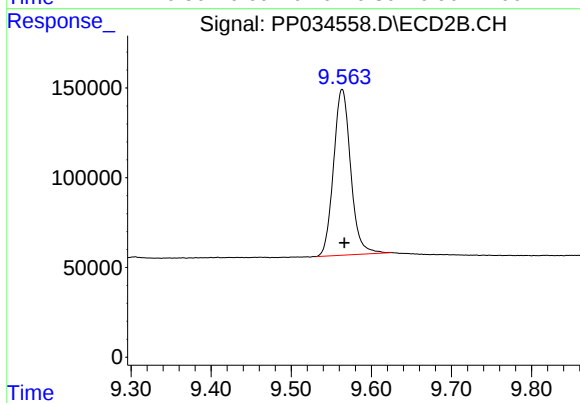
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: -0.003 min
Response: 2302964
Conc: 51.27 ng/ml



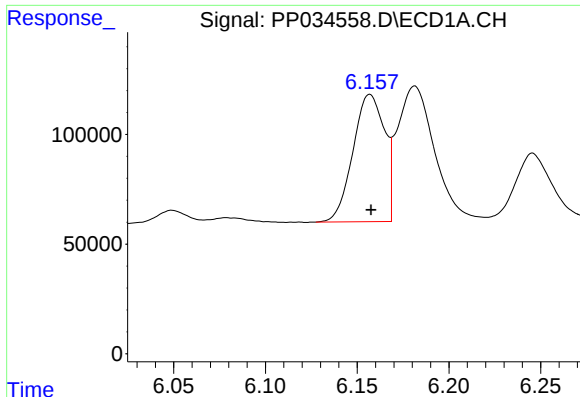
#2 Decachlorobiphenyl

R.T.: 10.765 min
Delta R.T.: 0.000 min
Response: 4030492
Conc: 52.36 ng/ml



#2 Decachlorobiphenyl

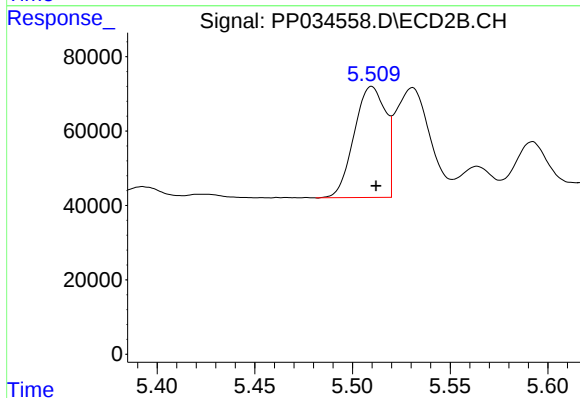
R.T.: 9.564 min
Delta R.T.: -0.003 min
Response: 1375337
Conc: 48.71 ng/ml



#3 AR-1016-1

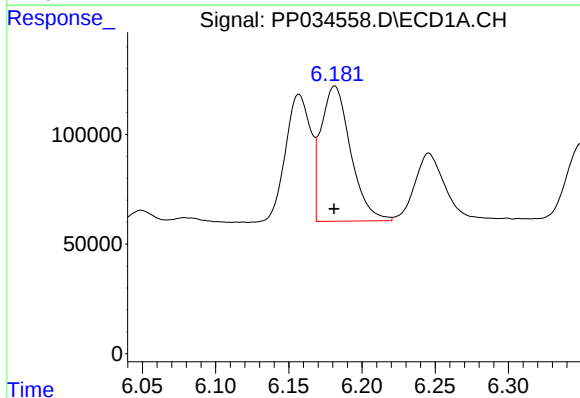
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 695925
Conc: 295.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



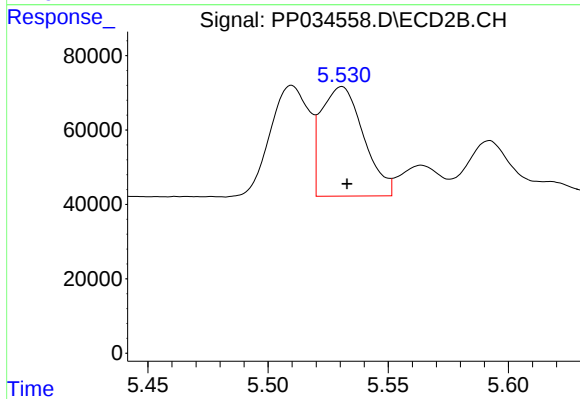
#3 AR-1016-1

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 334660
Conc: 282.10 ng/ml



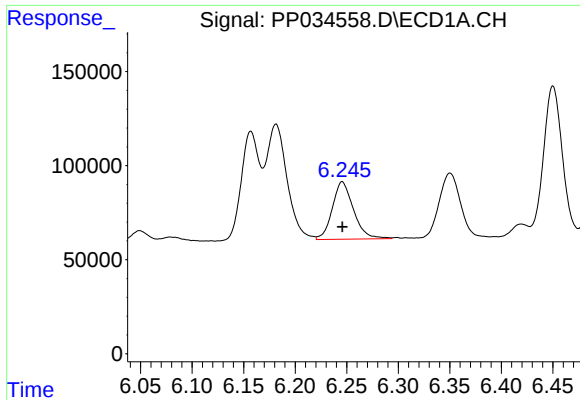
#4 AR-1016-2

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 868250
Conc: 244.46 ng/ml



#4 AR-1016-2

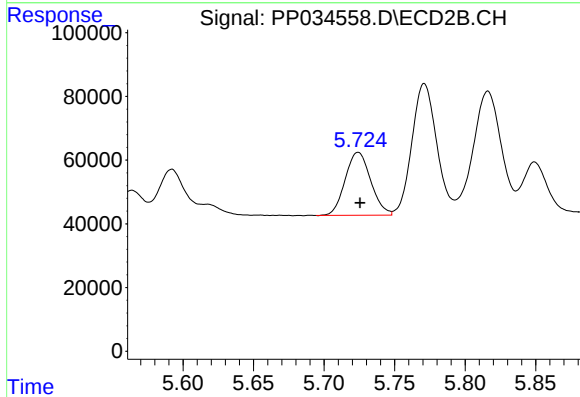
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 361187
Conc: 203.41 ng/ml



#5 AR-1016-3

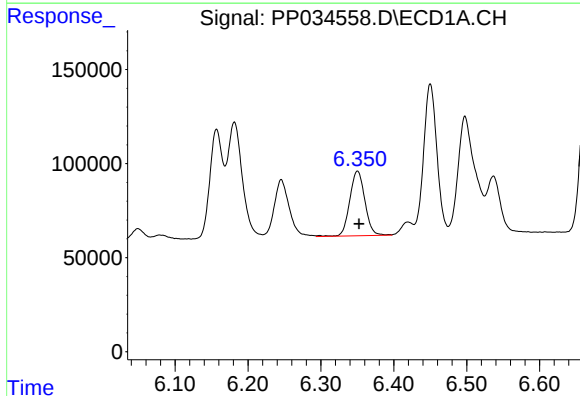
R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 436697
Conc: 204.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



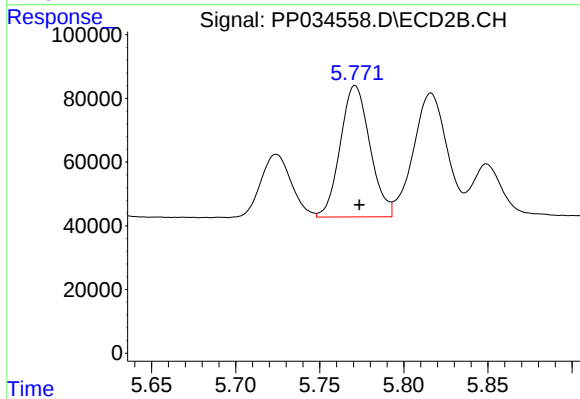
#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 250029
Conc: 267.59 ng/ml



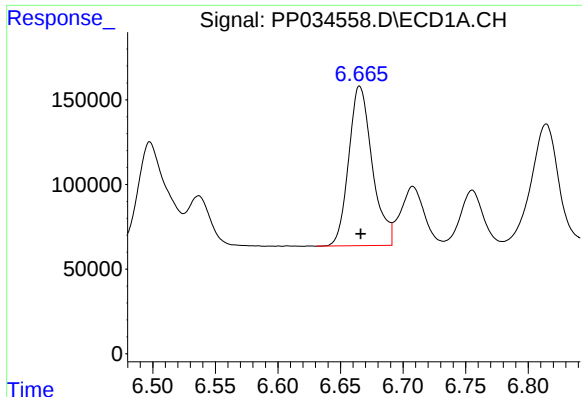
#6 AR-1016-4

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 493790
Conc: 277.28 ng/ml



#6 AR-1016-4

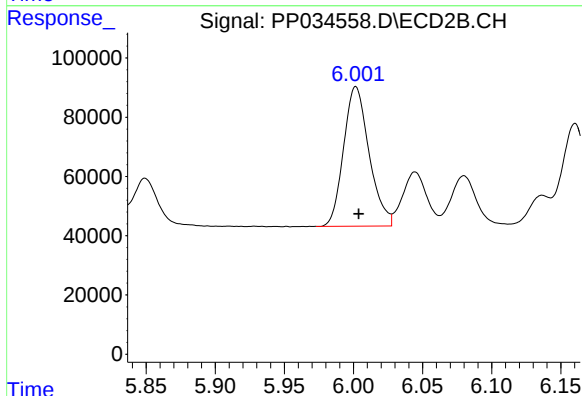
R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 507320
Conc: 698.51 ng/ml



#7 AR-1016-5

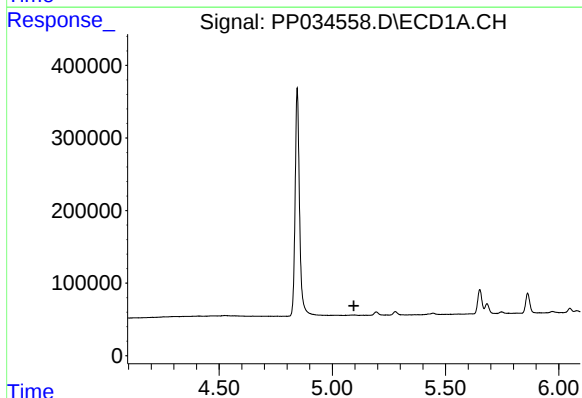
R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 1233622
Conc: 715.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



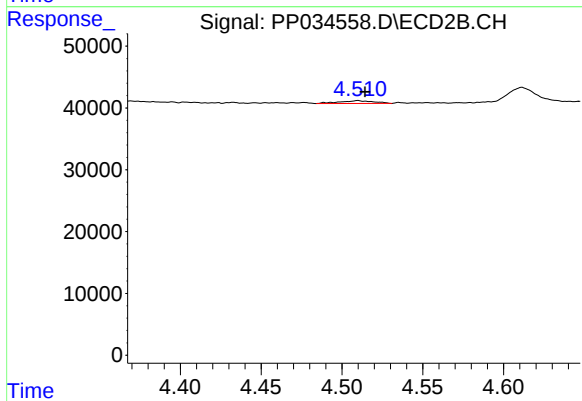
#7 AR-1016-5

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 605537
Conc: 662.04 ng/ml



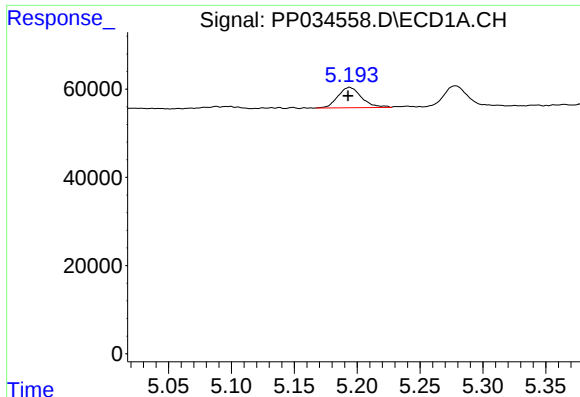
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.095 min
Response: 0
Conc: N.D.



#8 AR-1221-1

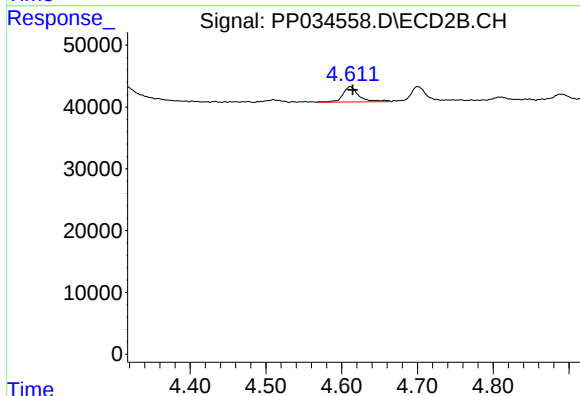
R.T.: 4.510 min
Delta R.T.: -0.005 min
Response: 6558
Conc: 14.45 ng/ml



#9 AR-1221-2

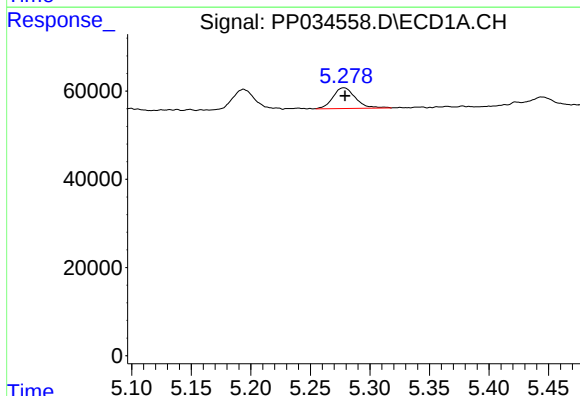
R.T.: 5.194 min
Delta R.T.: 0.001 min
Response: 60664
Conc: 106.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



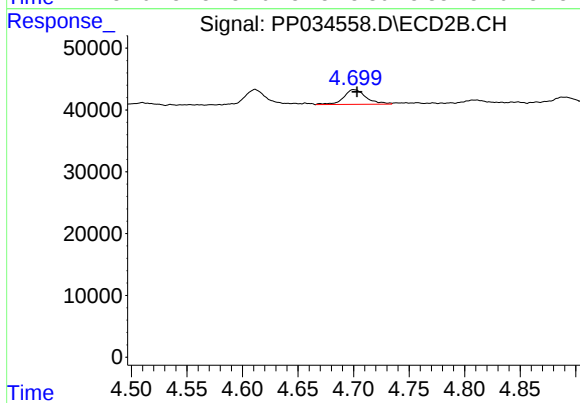
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: -0.003 min
Response: 36755
Conc: 105.35 ng/ml



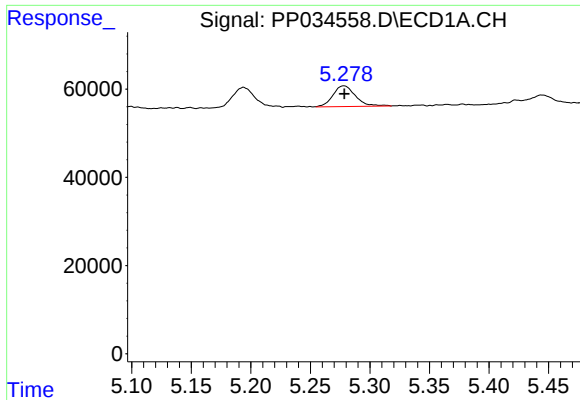
#10 AR-1221-3

R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 61677
Conc: 33.89 ng/ml



#10 AR-1221-3

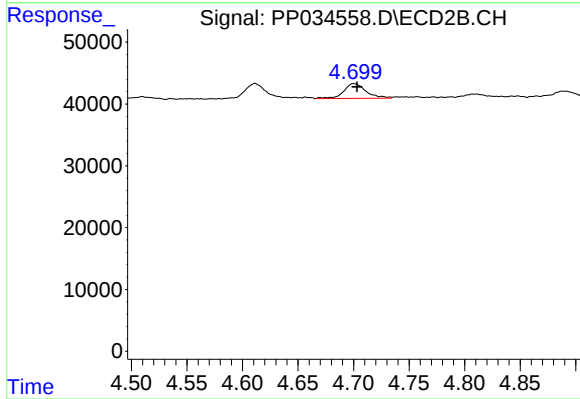
R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 33673
Conc: 32.10 ng/ml



#11 AR-1232-1

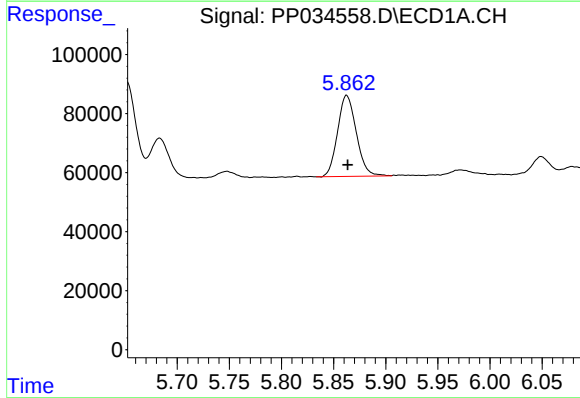
R.T.: 5.278 min
Delta R.T.: 0.000 min
Response: 61677
Conc: 41.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



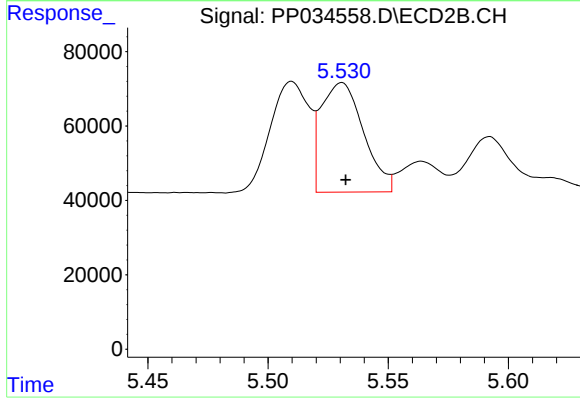
#11 AR-1232-1

R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 33673
Conc: 39.86 ng/ml



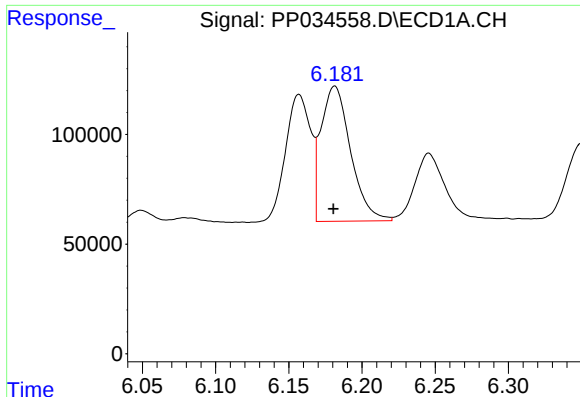
#12 AR-1232-2

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 344467
Conc: 453.93 ng/ml



#12 AR-1232-2

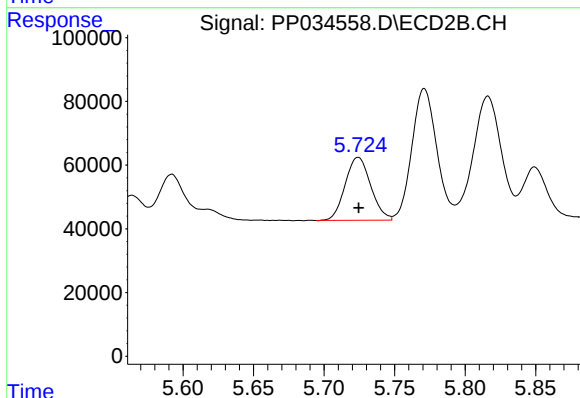
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 361187
Conc: 479.95 ng/ml



#13 AR-1232-3

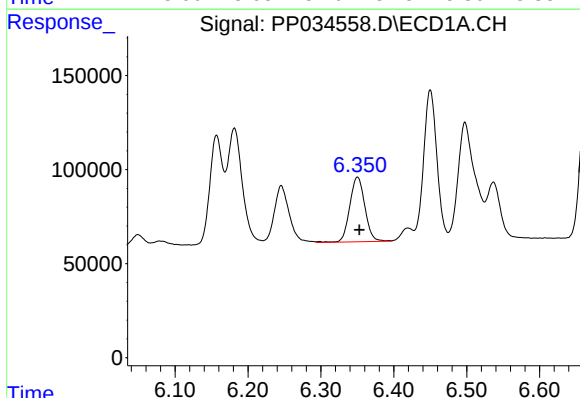
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 868250
Conc: 592.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



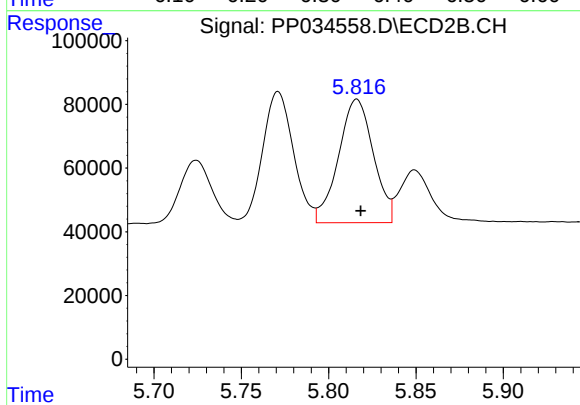
#13 AR-1232-3

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 250029
Conc: 629.92 ng/ml



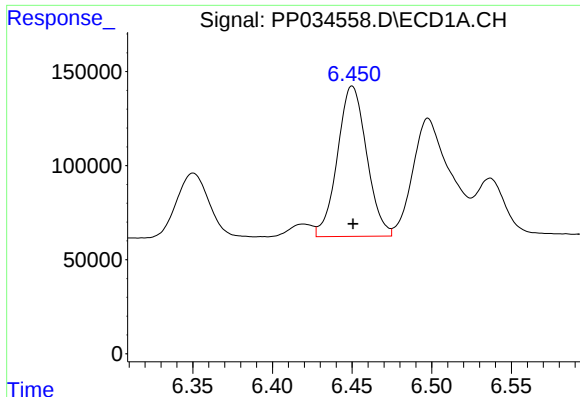
#14 AR-1232-4

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 493790
Conc: 687.43 ng/ml



#14 AR-1232-4

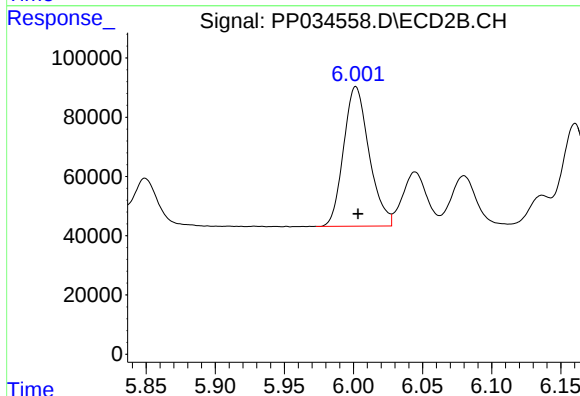
R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 539592
Conc: 1568.76 ng/ml



#15 AR-1232-5

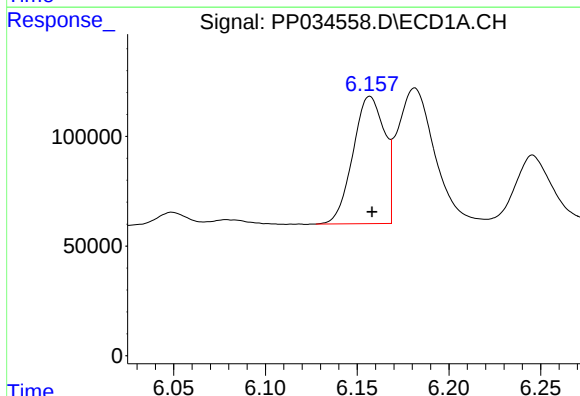
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1020535
Conc: 2168.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



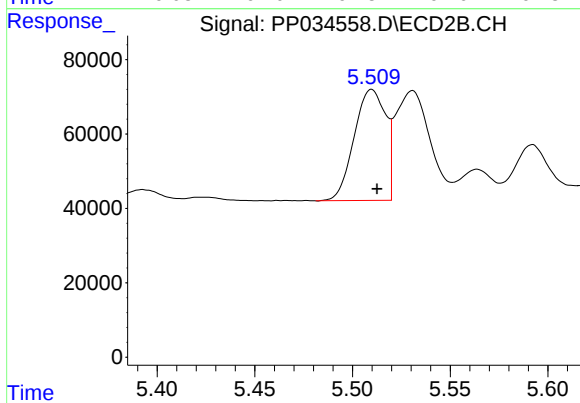
#15 AR-1232-5

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 605537
Conc: 1703.53 ng/ml



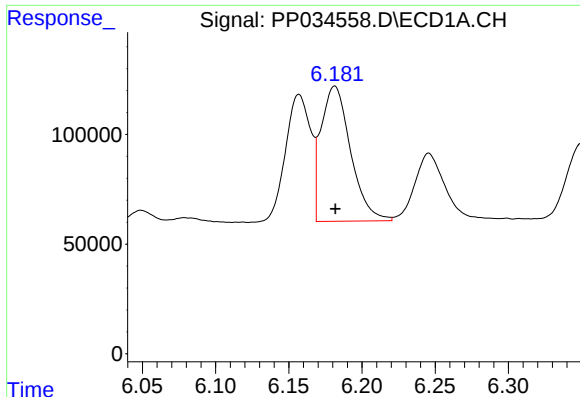
#16 AR-1242-1

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 695925
Conc: 371.81 ng/ml



#16 AR-1242-1

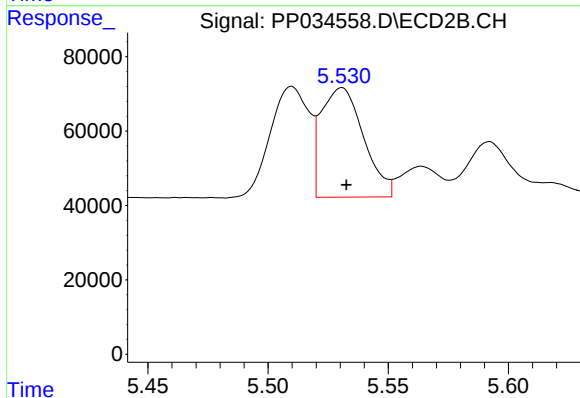
R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 334660
Conc: 357.19 ng/ml



#17 AR-1242-2

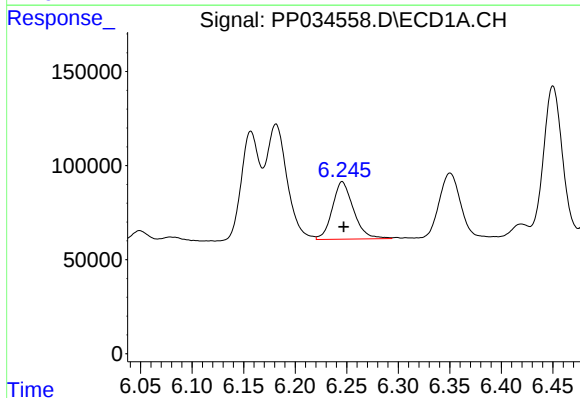
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 868250
Conc: 307.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



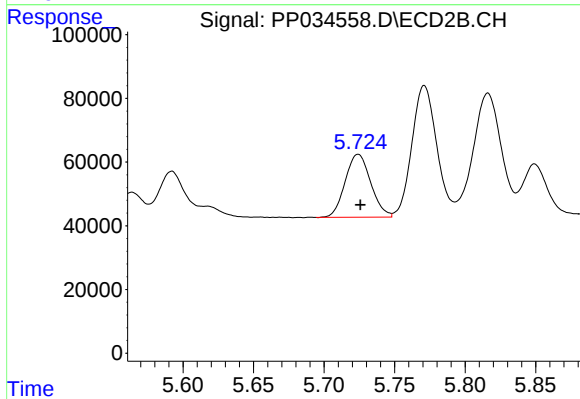
#17 AR-1242-2

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 361187
Conc: 254.07 ng/ml



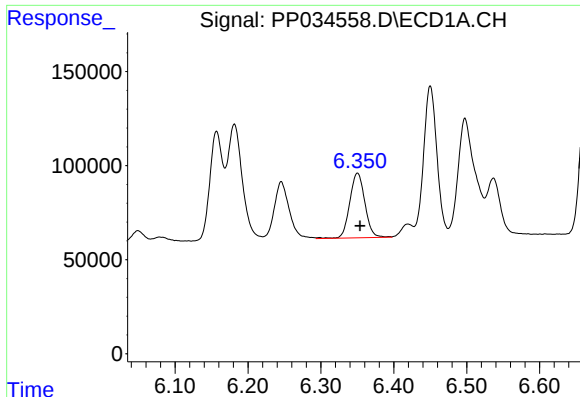
#18 AR-1242-3

R.T.: 6.246 min
Delta R.T.: -0.001 min
Response: 436697
Conc: 256.40 ng/ml



#18 AR-1242-3

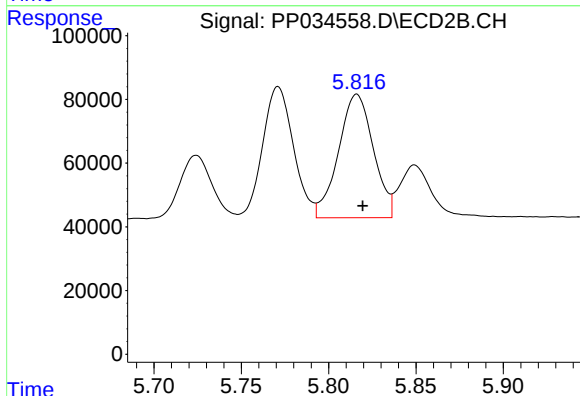
R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 250029
Conc: 334.87 ng/ml



#19 AR-1242-4

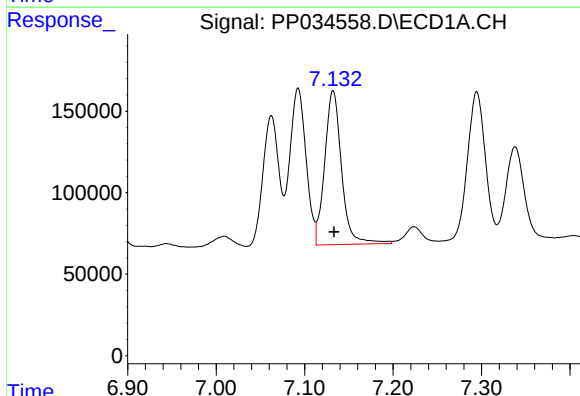
R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 493790
Conc: 353.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



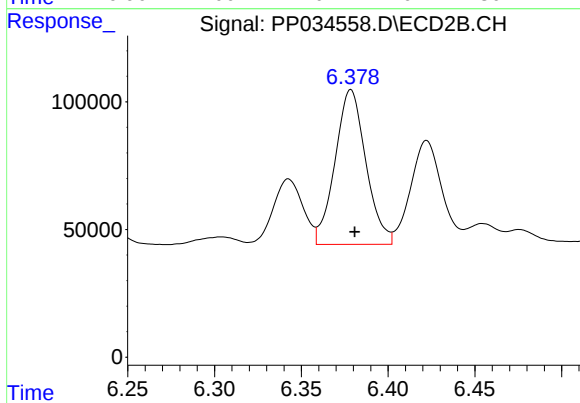
#19 AR-1242-4

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 539592
Conc: 733.36 ng/ml



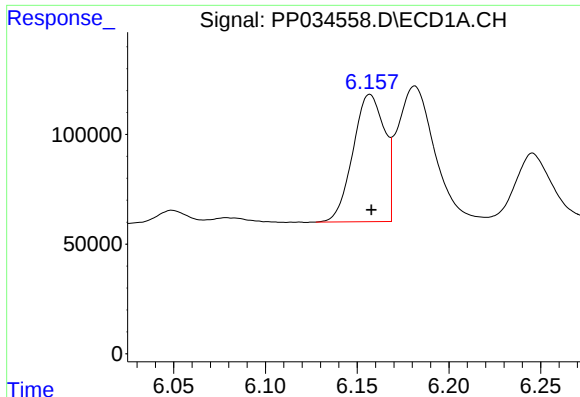
#20 AR-1242-5

R.T.: 7.132 min
Delta R.T.: -0.001 min
Response: 1251312
Conc: 849.77 ng/ml



#20 AR-1242-5

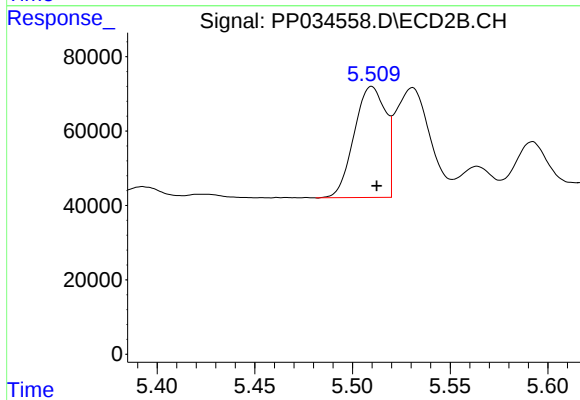
R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 750827
Conc: 915.69 ng/ml



#21 AR-1248-1

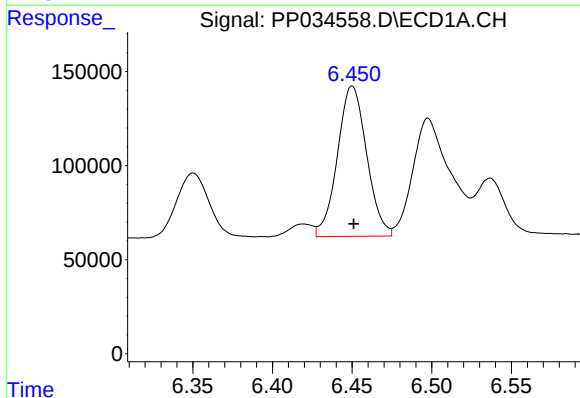
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 695925
Conc: 489.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



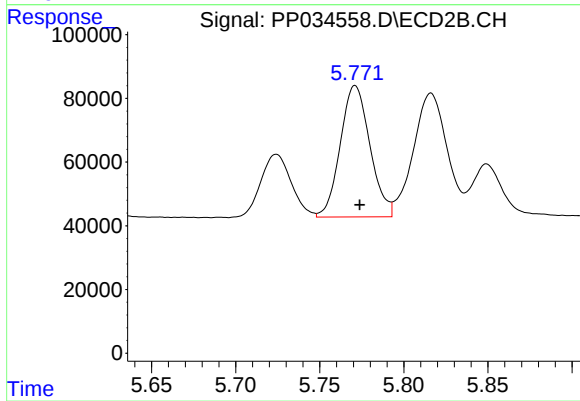
#21 AR-1248-1

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 334660
Conc: 458.74 ng/ml



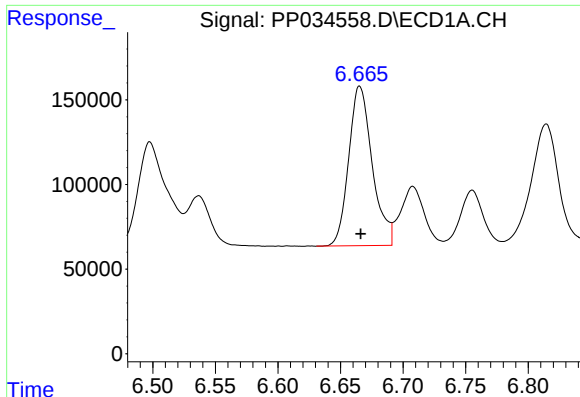
#22 AR-1248-2

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 1020535
Conc: 515.71 ng/ml



#22 AR-1248-2

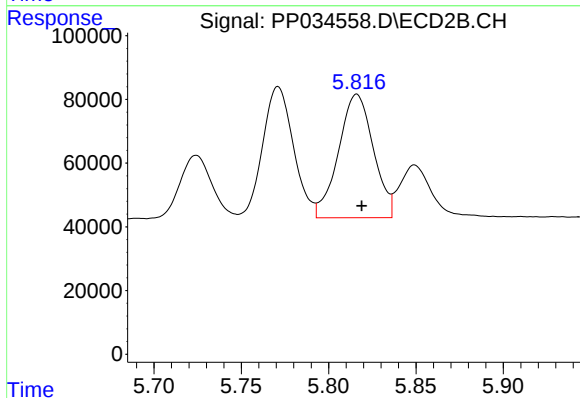
R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 507320
Conc: 494.22 ng/ml



#23 AR-1248-3

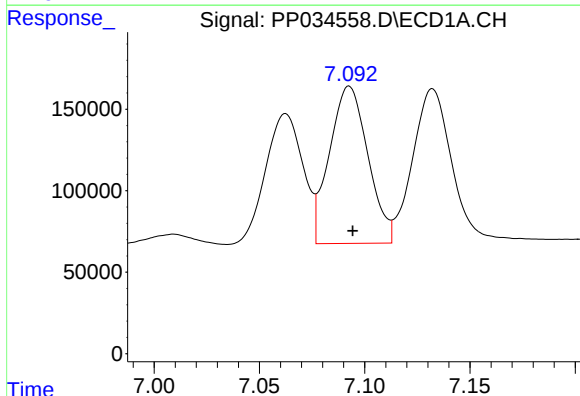
R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 1233622
Conc: 518.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



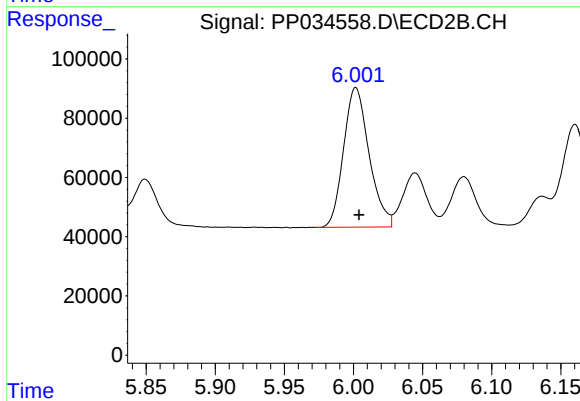
#23 AR-1248-3

R.T.: 5.816 min
Delta R.T.: -0.003 min
Response: 539592
Conc: 492.33 ng/ml



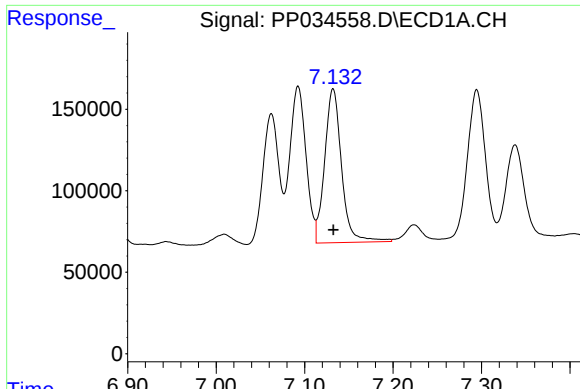
#24 AR-1248-4

R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 1227482
Conc: 481.01 ng/ml



#24 AR-1248-4

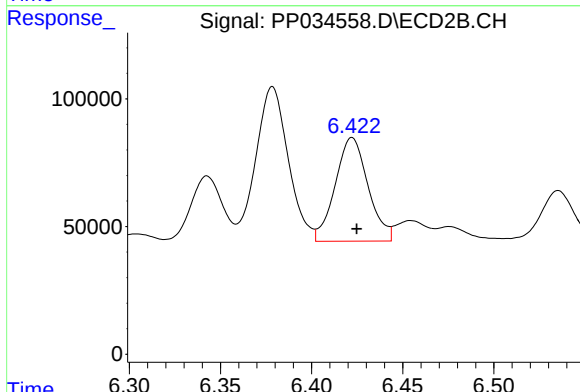
R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 605537
Conc: 479.78 ng/ml



#25 AR-1248-5

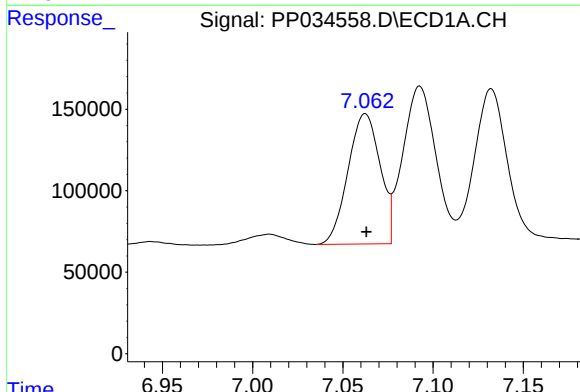
R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 1251312
Conc: 491.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



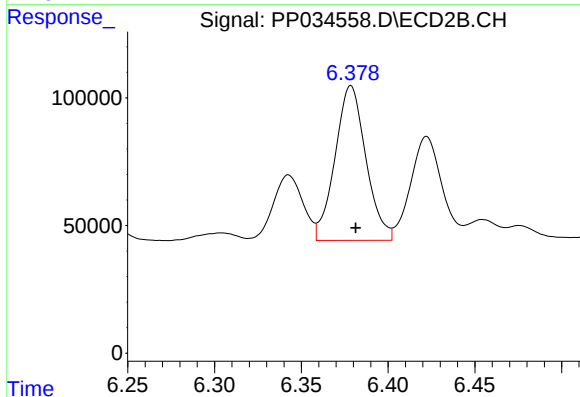
#25 AR-1248-5

R.T.: 6.422 min
Delta R.T.: -0.002 min
Response: 509954
Conc: 451.23 ng/ml



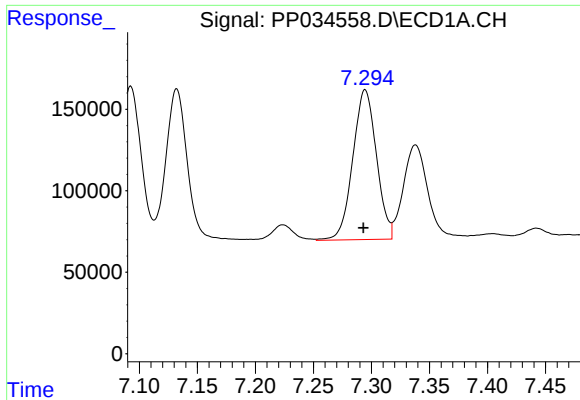
#26 AR-1254-1

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 987817
Conc: 359.27 ng/ml



#26 AR-1254-1

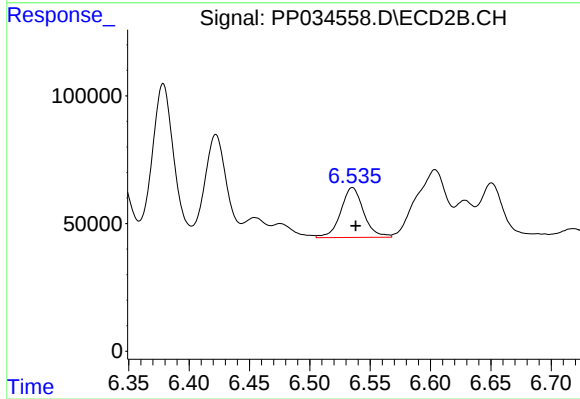
R.T.: 6.379 min
Delta R.T.: -0.003 min
Response: 750827
Conc: 406.97 ng/ml



#27 AR-1254-2

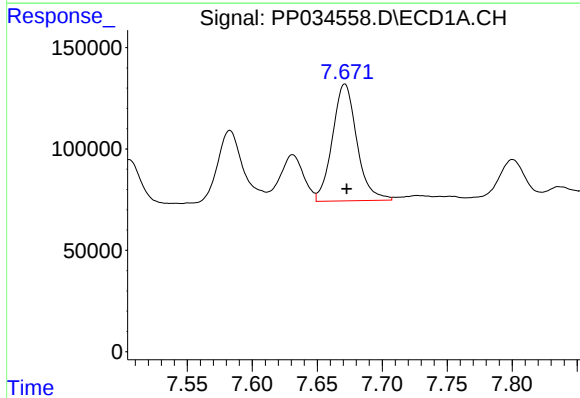
R.T.: 7.295 min
Delta R.T.: 0.002 min
Response: 1304882
Conc: 306.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



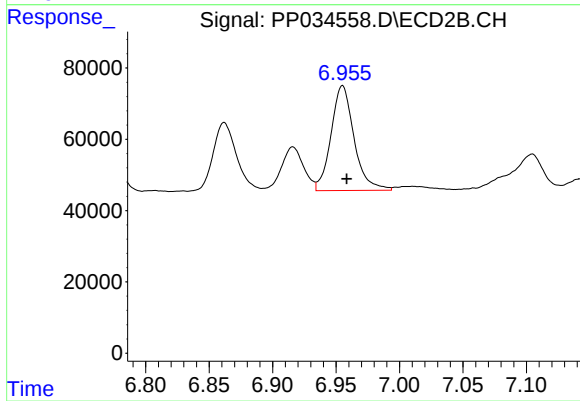
#27 AR-1254-2

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 257809
Conc: 161.14 ng/ml



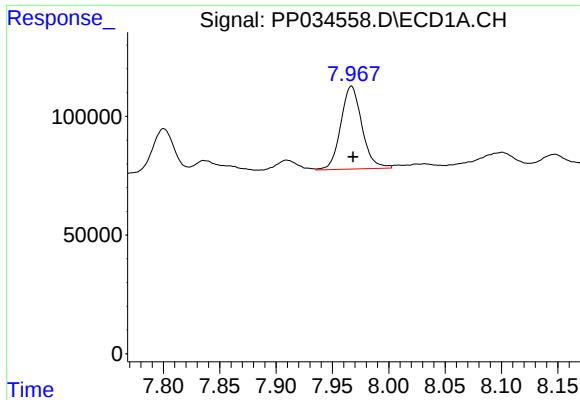
#28 AR-1254-3

R.T.: 7.671 min
Delta R.T.: -0.001 min
Response: 754233
Conc: 165.25 ng/ml



#28 AR-1254-3

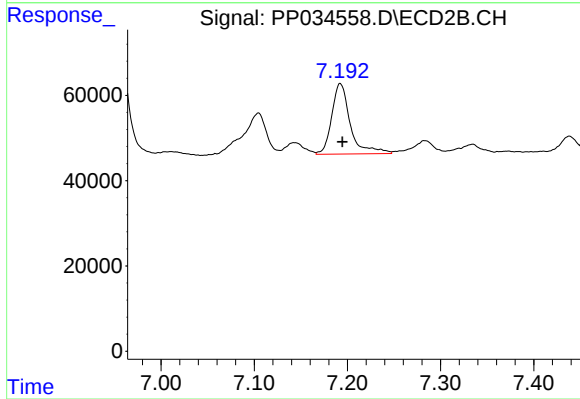
R.T.: 6.955 min
Delta R.T.: -0.003 min
Response: 372638
Conc: 149.31 ng/ml



#29 AR-1254-4

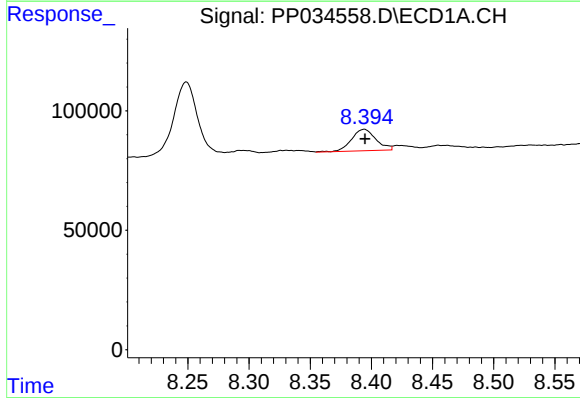
R.T.: 7.967 min
Delta R.T.: -0.001 min
Response: 455126
Conc: 147.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



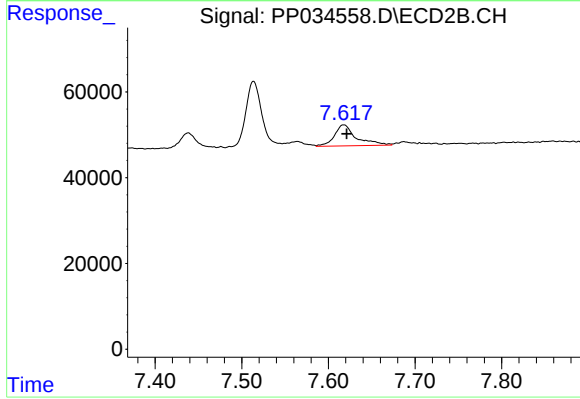
#29 AR-1254-4

R.T.: 7.192 min
Delta R.T.: -0.002 min
Response: 228874
Conc: 174.11 ng/ml



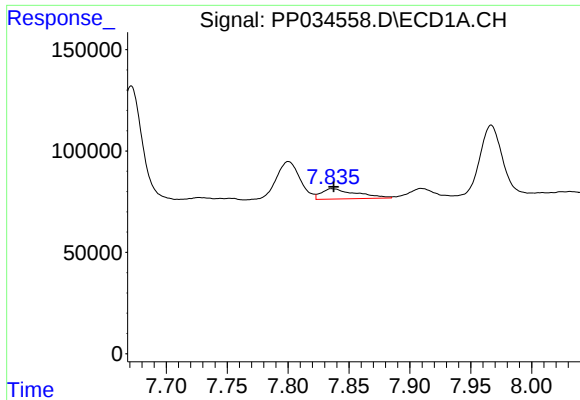
#30 AR-1254-5

R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 124876
Conc: 35.14 ng/ml



#30 AR-1254-5

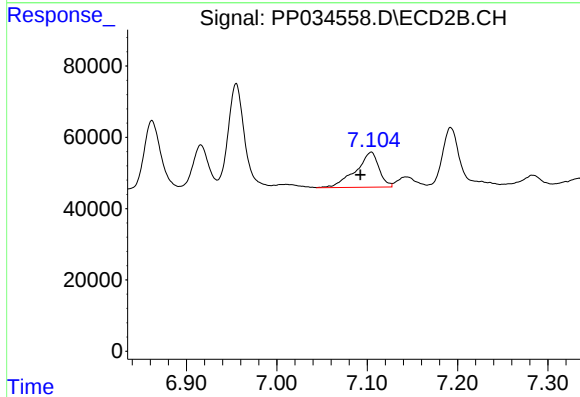
R.T.: 7.618 min
Delta R.T.: -0.003 min
Response: 86439
Conc: 42.53 ng/ml



#31 AR-1260-1

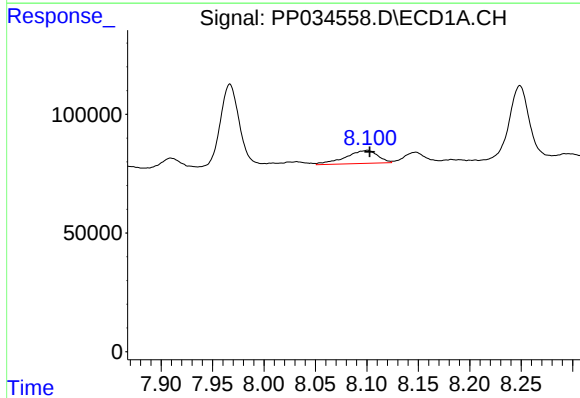
R.T.: 7.836 min
Delta R.T.: -0.002 min
Response: 99700
Conc: 32.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



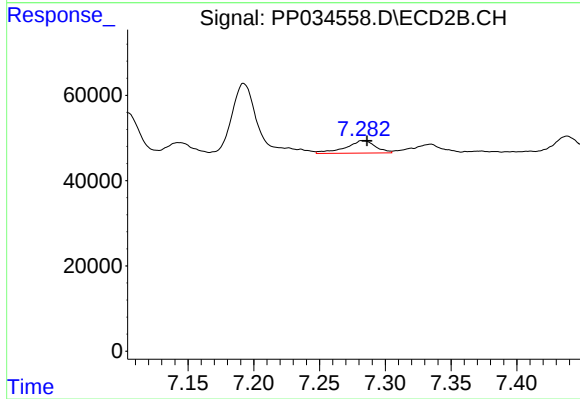
#31 AR-1260-1

R.T.: 7.104 min
Delta R.T.: 0.012 min
Response: 176772
Conc: 115.11 ng/ml



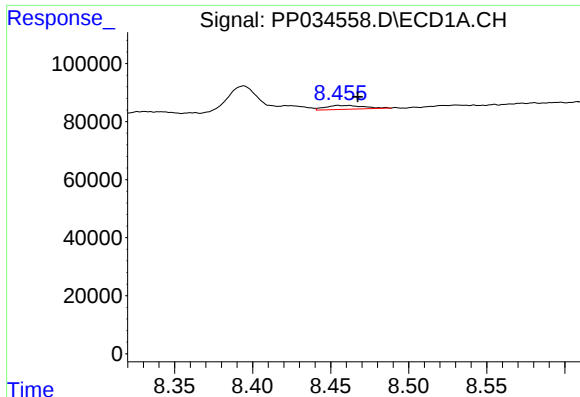
#32 AR-1260-2

R.T.: 8.100 min
Delta R.T.: -0.002 min
Response: 119894
Conc: 31.93 ng/ml



#32 AR-1260-2

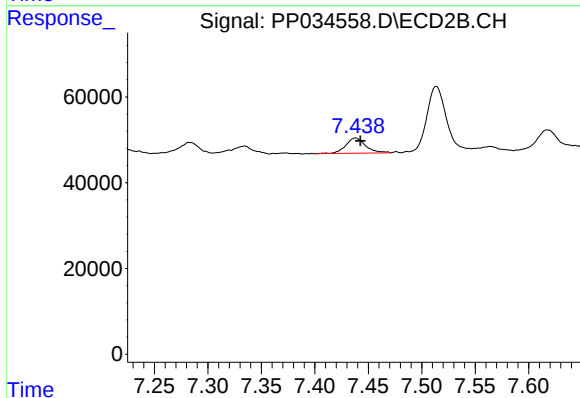
R.T.: 7.283 min
Delta R.T.: -0.003 min
Response: 46010
Conc: 25.47 ng/ml



#33 AR-1260-3

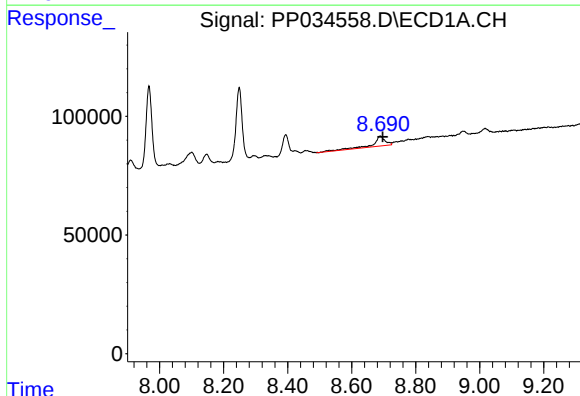
R.T.: 8.455 min
Delta R.T.: -0.013 min
Response: 23120
Conc: 7.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



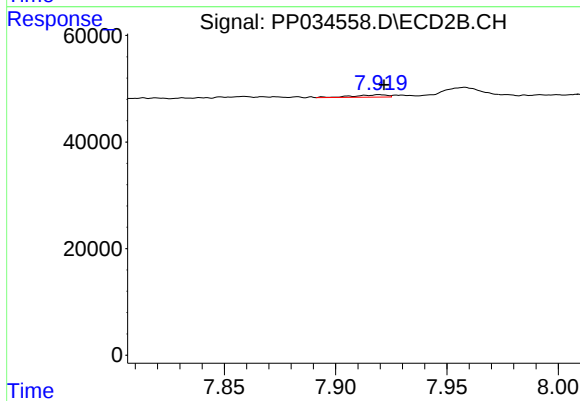
#33 AR-1260-3

R.T.: 7.438 min
Delta R.T.: -0.004 min
Response: 46713
Conc: 26.93 ng/ml



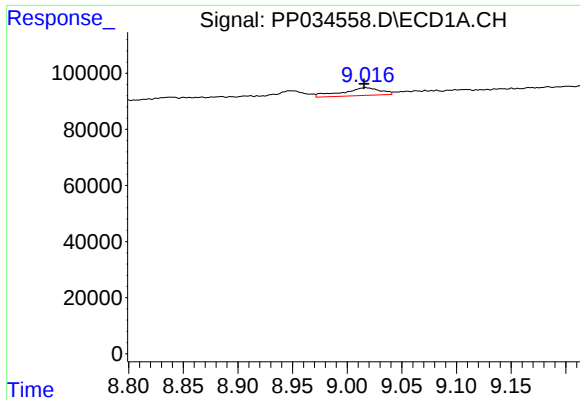
#34 AR-1260-4

R.T.: 8.690 min
Delta R.T.: -0.007 min
Response: 114881
Conc: 32.91 ng/ml



#34 AR-1260-4

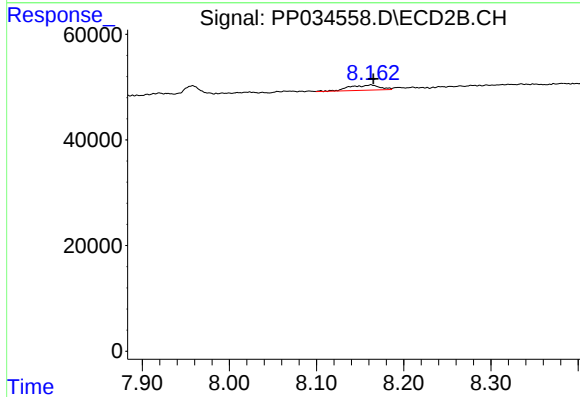
R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 4643
Conc: 3.24 ng/ml



#35 AR-1260-5

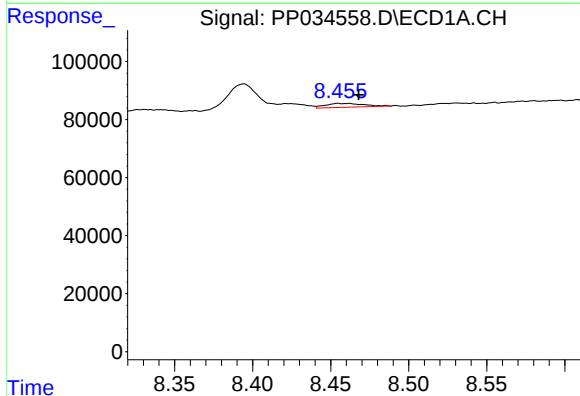
R.T.: 9.017 min
Delta R.T.: 0.002 min
Response: 66734
Conc: 9.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



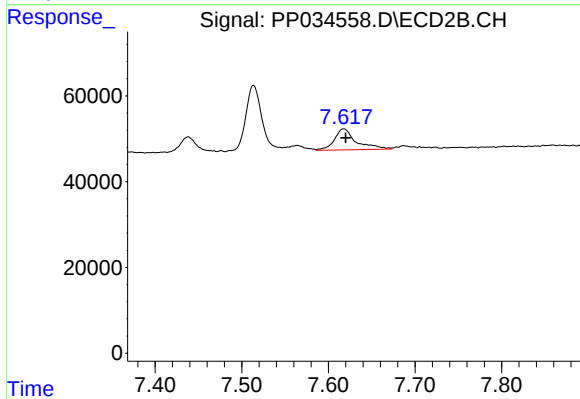
#35 AR-1260-5

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 24100
Conc: 7.06 ng/ml



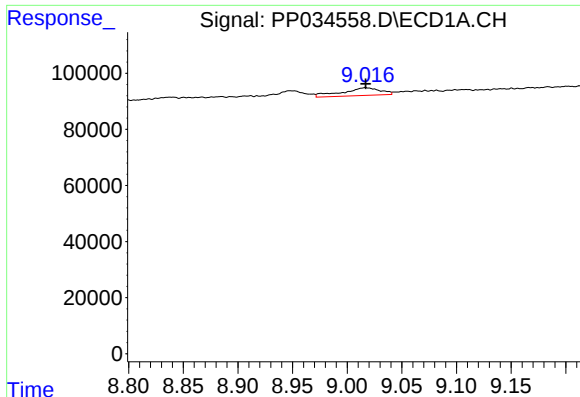
#36 AR-1262-1

R.T.: 8.455 min
Delta R.T.: -0.013 min
Response: 23120
Conc: 5.05 ng/ml



#36 AR-1262-1

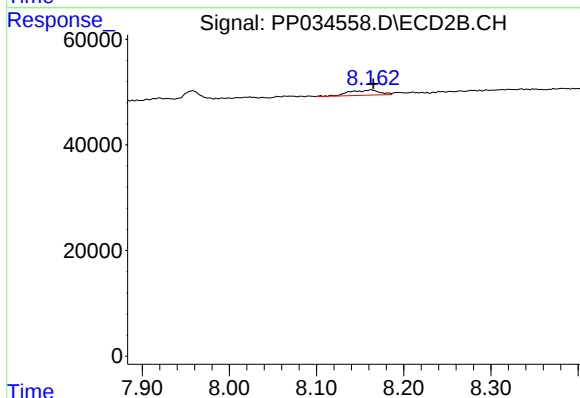
R.T.: 7.618 min
Delta R.T.: -0.002 min
Response: 86439
Conc: 80.48 ng/ml



#37 AR-1262-2

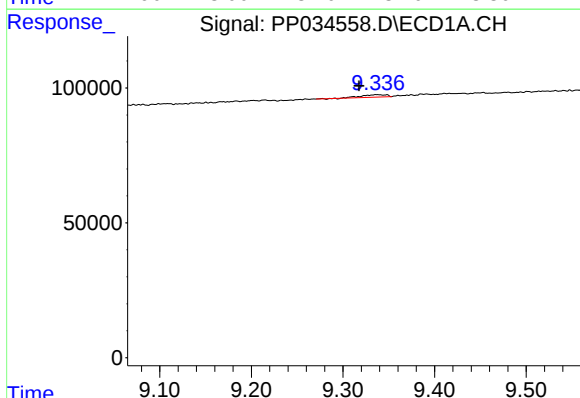
R.T.: 9.017 min
Delta R.T.: 0.000 min
Response: 66734
Conc: 8.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



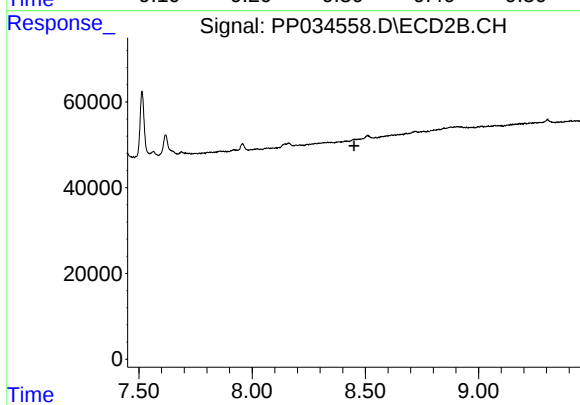
#37 AR-1262-2

R.T.: 8.162 min
Delta R.T.: -0.003 min
Response: 24100
Conc: 7.02 ng/ml



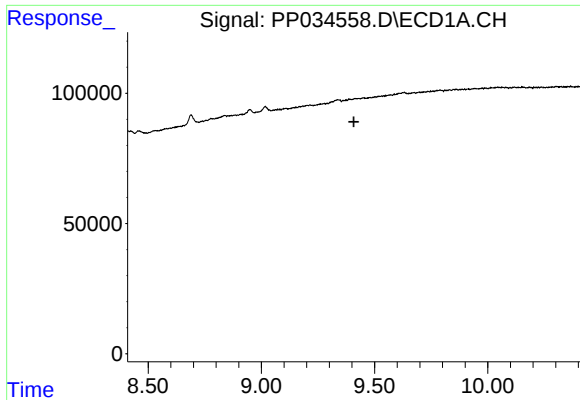
#38 AR-1262-3

R.T.: 9.337 min
Delta R.T.: 0.019 min
Response: 17560
Conc: 3.26 ng/ml



#38 AR-1262-3

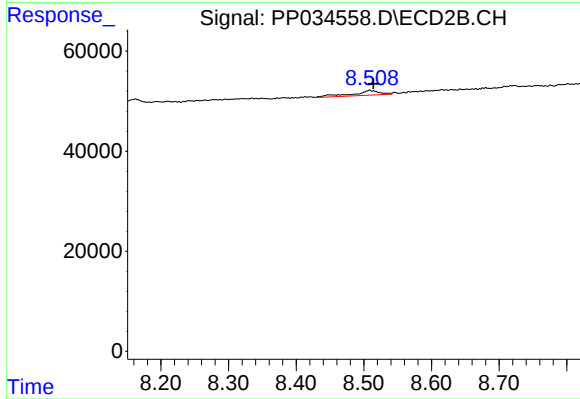
R.T.: 0.000 min
Exp R.T.: 8.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

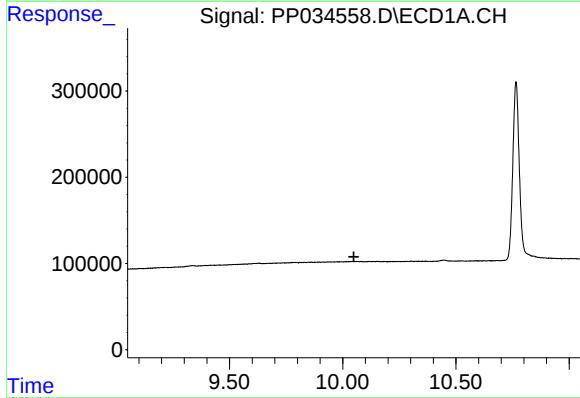
R.T.: 0.000 min
Exp R.T. : 9.408 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



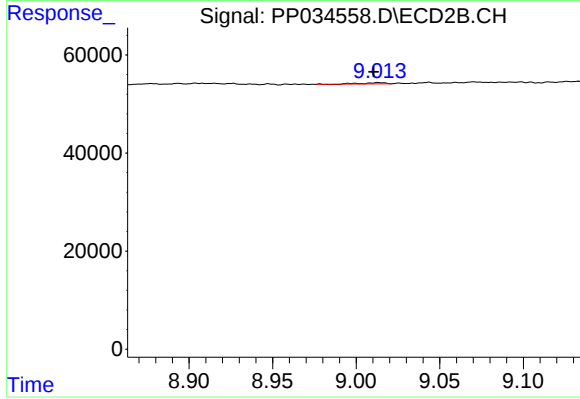
#39 AR-1262-4

R.T.: 8.509 min
Delta R.T.: -0.005 min
Response: 26113
Conc: 9.48 ng/ml



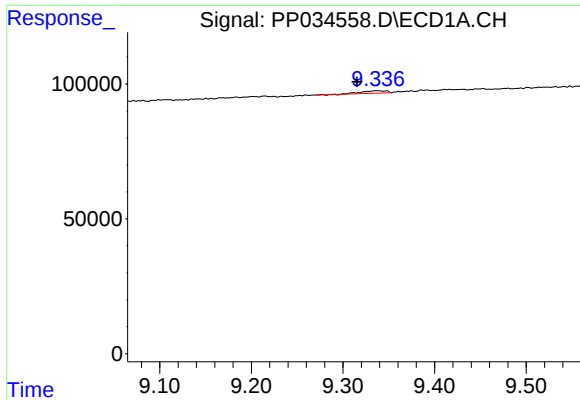
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.050 min
Response: 0
Conc: N.D.



#40 AR-1262-5

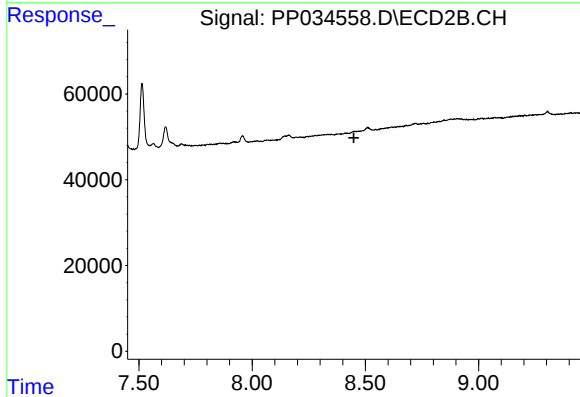
R.T.: 9.013 min
Delta R.T.: 0.003 min
Response: 2607
Conc: 2.30 ng/ml



#41 AR-1268-1

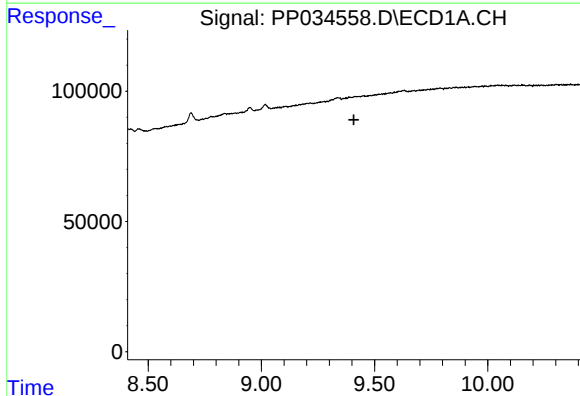
R.T.: 9.337 min
Delta R.T.: 0.021 min
Response: 17560
Conc: 1.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



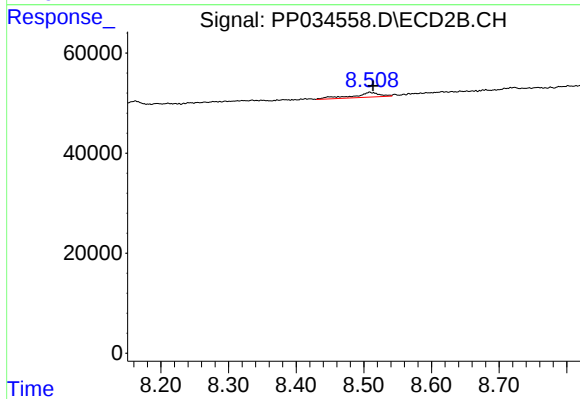
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.449 min
Response: 0
Conc: N.D.



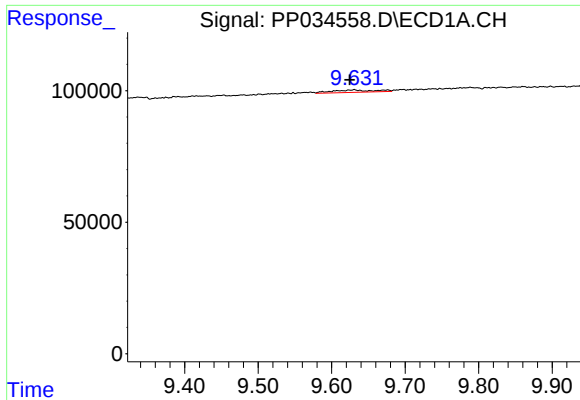
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.409 min
Response: 0
Conc: N.D.



#42 AR-1268-2

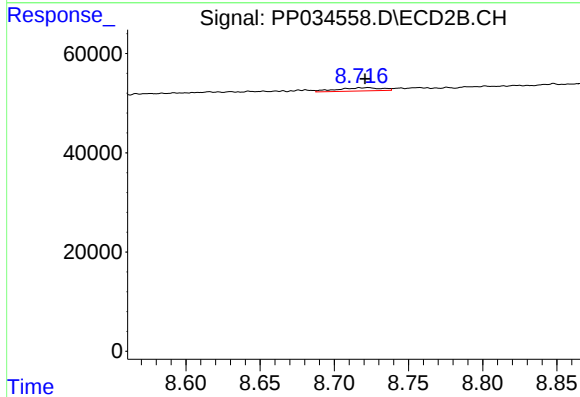
R.T.: 8.509 min
Delta R.T.: -0.005 min
Response: 26113
Conc: 6.31 ng/ml



#43 AR-1268-3

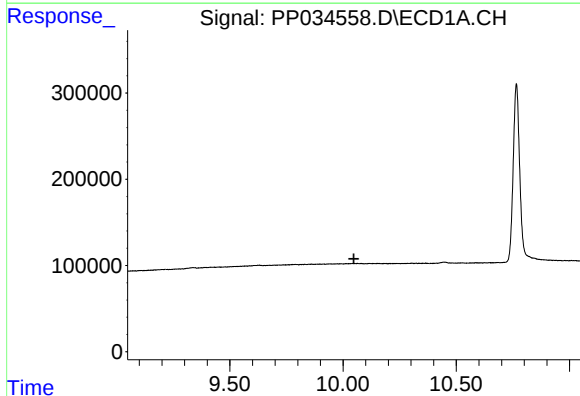
R.T.: 9.631 min
Delta R.T.: 0.006 min
Response: 35033
Conc: 3.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



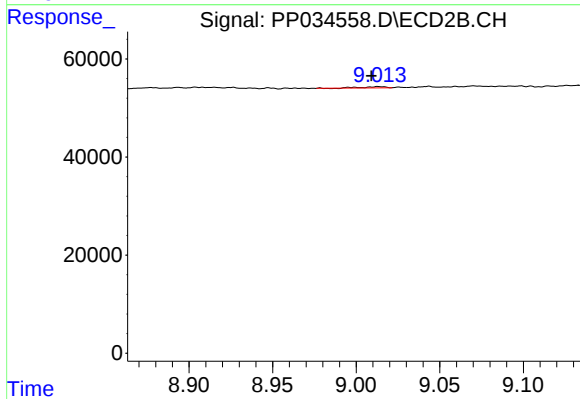
#43 AR-1268-3

R.T.: 8.723 min
Delta R.T.: 0.002 min
Response: 13722
Conc: 3.77 ng/ml



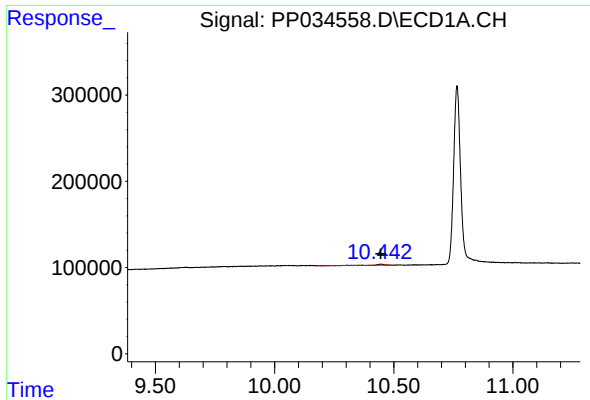
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.048 min
Response: 0
Conc: N.D.



#44 AR-1268-4

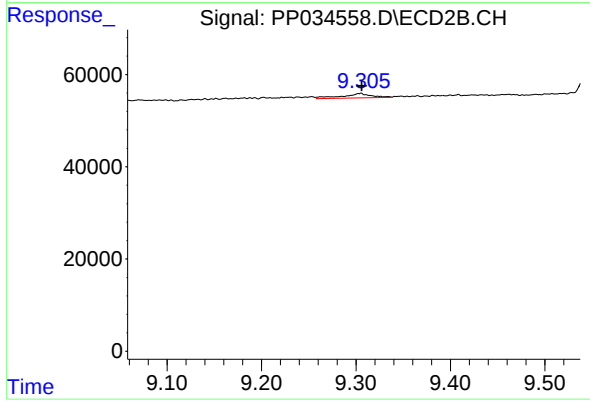
R.T.: 9.013 min
Delta R.T.: 0.004 min
Response: 2607
Conc: 2.02 ng/ml



#45 AR-1268-5

R.T.: 10.445 min
Delta R.T.: 0.000 min
Response: 40006
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.305 min
Delta R.T.: -0.001 min
Response: 21093
Conc: 2.03 ng/ml