

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122821\
 Data File : PP042259.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Dec 2021 11:33
 Operator : AJ\MA
 Sample : M5147-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:18:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP122321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 24 23:47:53 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...	4.922	4.060	280861	493530	21.391	21.609
2) SA Decachlor...	10.920	9.411	288498	311767	23.686	19.279
Target Compounds						
3) L1 AR-1016-1	6.250f	5.353f	15960	26432	35.905	28.835
4) L1 AR-1016-2	6.250	5.353	15960	26432	24.127	20.978
5) L1 AR-1016-3	6.327	5.536	4671	7871	11.453	11.208
6) L1 AR-1016-4	6.402f	5.599	57226	12213	175.659	22.491 #
7) L1 AR-1016-5	0.000	5.831	0	69448	N.D.	106.515 #
8) L2 AR-1221-1	5.155	4.313	26027	10183	164.249	39.319 #
9) L2 AR-1221-2	0.000	4.419	0	40135	N.D.	189.073 #
10) L2 AR-1221-3	5.323f	0.000	5866	0	16.768	N.D. #
11) L3 AR-1232-1	5.323f	0.000	5866	0	20.306	N.D. #
12) L3 AR-1232-2	5.916f	5.353	16313	26432	110.043	49.674 #
13) L3 AR-1232-3	6.250	5.536	15960	7871	60.999	27.499 #
14) L3 AR-1232-4	6.402f	5.654	57226	13711	436.609	56.843 #
15) L3 AR-1232-5	6.525	5.831	6204	69448	60.125	286.021 #
16) L4 AR-1242-1	6.250f	5.353f	15960	26432	48.945	38.819
17) L4 AR-1242-2	6.250	5.353	15960	26432	33.439	28.381
18) L4 AR-1242-3	6.327	5.536	4671	7871	15.597	14.895
19) L4 AR-1242-4	6.402f	5.654	57226	13711	233.570	27.098 #
20) L4 AR-1242-5	7.241f	6.209	44396	306938	170.696	517.777 #
21) L5 AR-1248-1	6.250f	5.353f	15960	26432	63.748	50.879
22) L5 AR-1248-2	6.525	5.599	6204	12213	17.567	17.343
23) L5 AR-1248-3	0.000	5.654	0	13711	N.D.	18.477 #
24) L5 AR-1248-4	7.177	5.831	284974	69448	628.513	82.492 #
25) L5 AR-1248-5	7.241f	6.254	44396	67392	99.572	81.359
26) L6 AR-1254-1	7.153	6.209	61025	306938	122.409	245.397 #
27) L6 AR-1254-2	7.380	6.360	111491	46310	145.428	42.555 #
28) L6 AR-1254-3	7.762	6.791	68009	27418	88.143	16.503 #
29) L6 AR-1254-4	8.047	7.041	11790	31768	21.191	32.564 #
30) L6 AR-1254-5	8.501f	7.463	77579	127914	123.889	99.822
31) L7 AR-1260-1	7.927	6.948	12533	105686	21.149	99.447 #
32) L7 AR-1260-2	8.182	7.107f	127848	41759	165.582	33.827 #
33) L7 AR-1260-3	0.000	7.282	0	8069	N.D.	6.021 #
34) L7 AR-1260-4	8.786	7.769	12040	12564	20.793	14.070 #
35) L7 AR-1260-5	9.108	8.015	18200	24220	15.554	12.585
36) L8 AR-1262-1	0.000	7.463	0	127914	N.D.	192.250 #
37) L8 AR-1262-2	9.108	7.769	18200	12564	14.849	11.583
38) L8 AR-1262-3	9.434	0.000	12995	0	26.436	N.D. #
39) L8 AR-1262-4	9.517	8.369	11371	27034	30.855	17.747 #
41) L9 AR-1268-1	9.434	0.000	12995	0	8.571	N.D. #
42) L9 AR-1268-2	9.517	8.369	11371	27034	8.014	12.382 #

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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
45) L9	AR-1268-5	10.587	0.000	8495	0	2.191	N.D. #

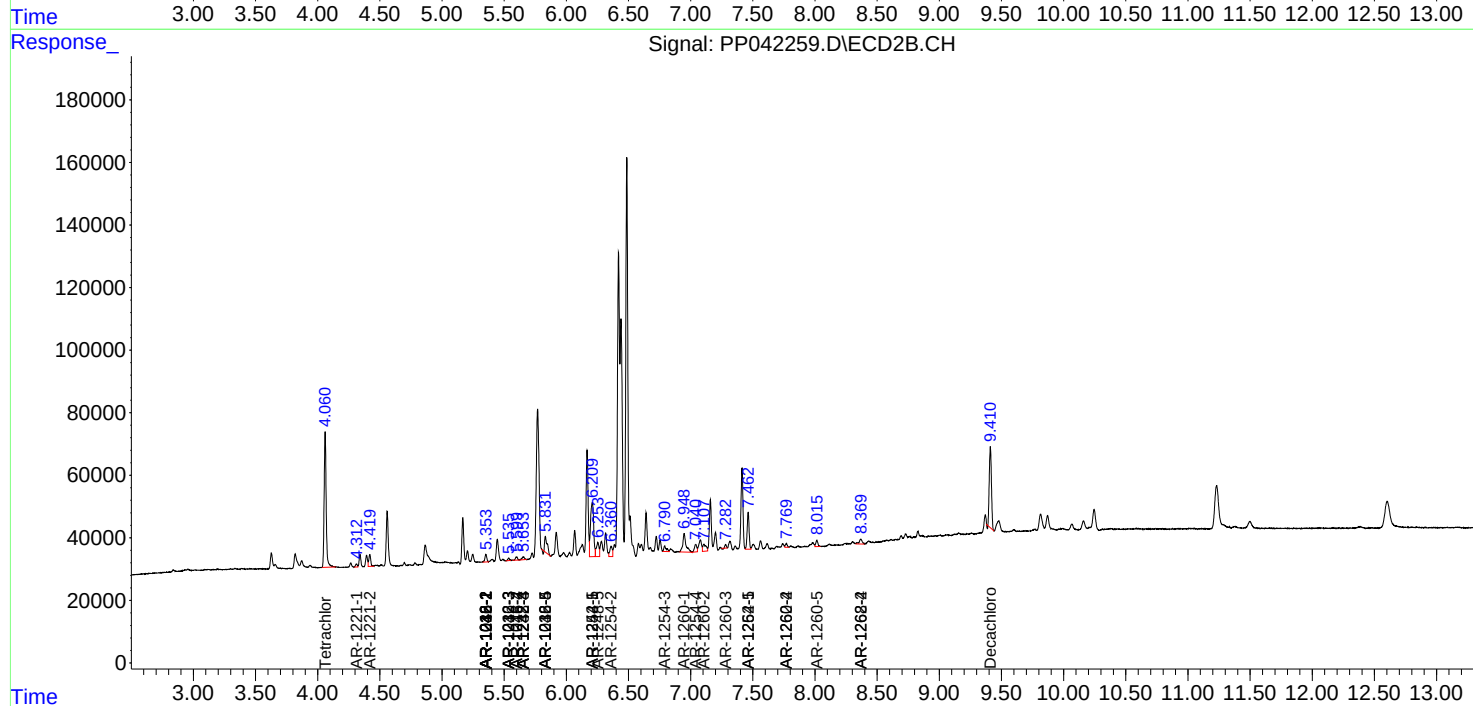
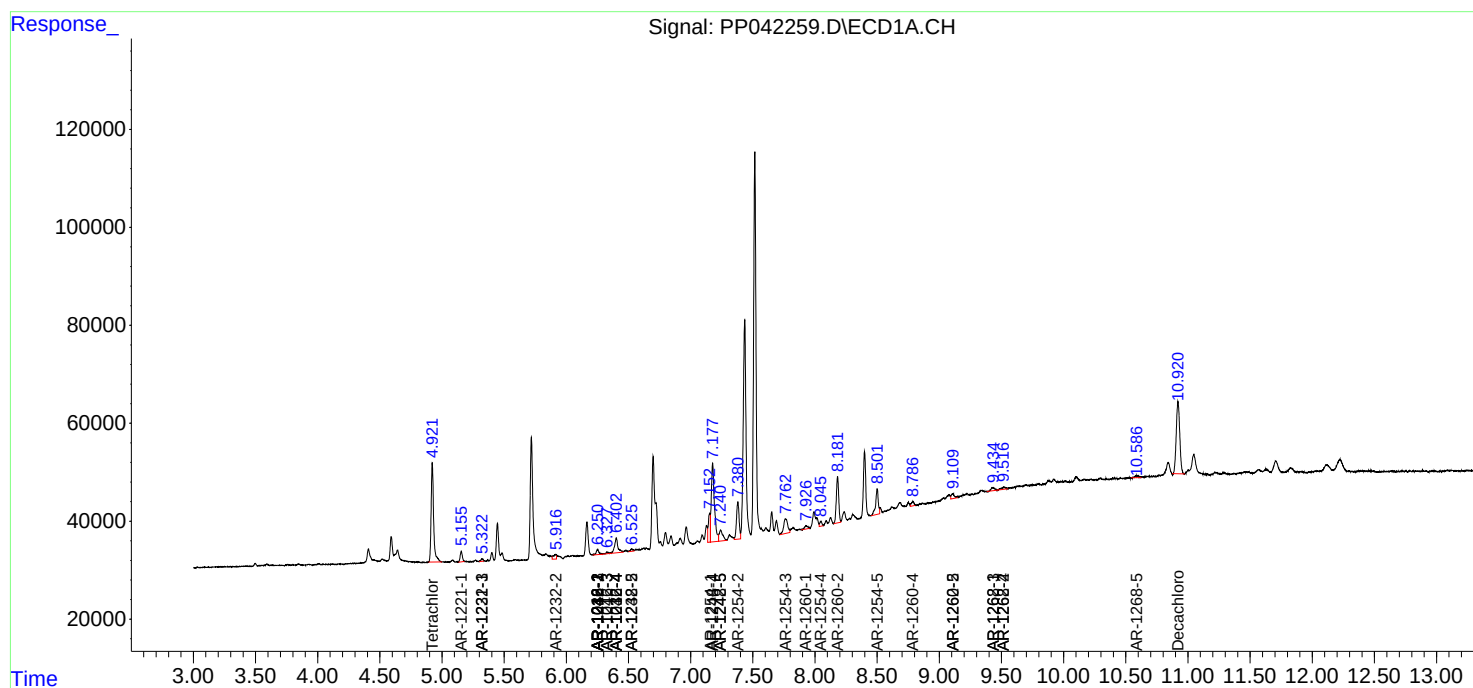
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

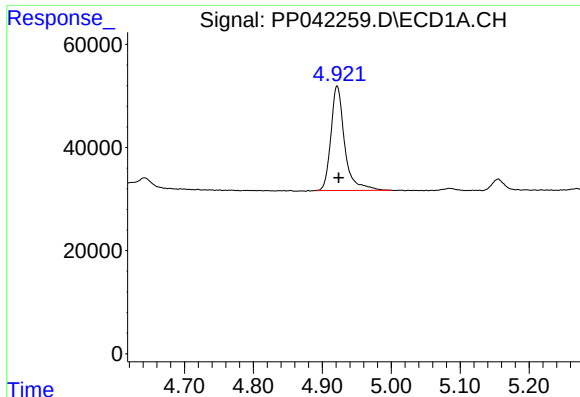
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122821\
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Acq On : 28 Dec 2021 11:33
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

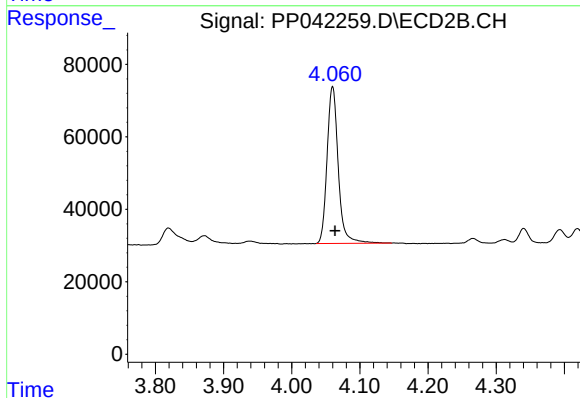




#1 Tetrachloro-m-xylene

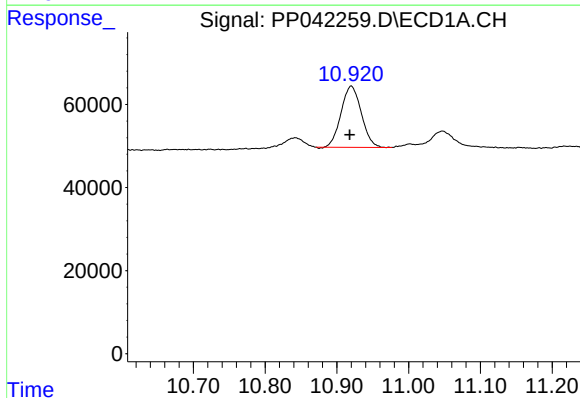
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 280861
Conc: 21.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



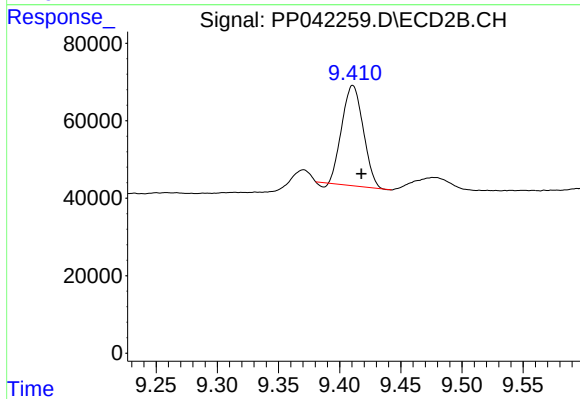
#1 Tetrachloro-m-xylene

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 493530
Conc: 21.61 ng/ml



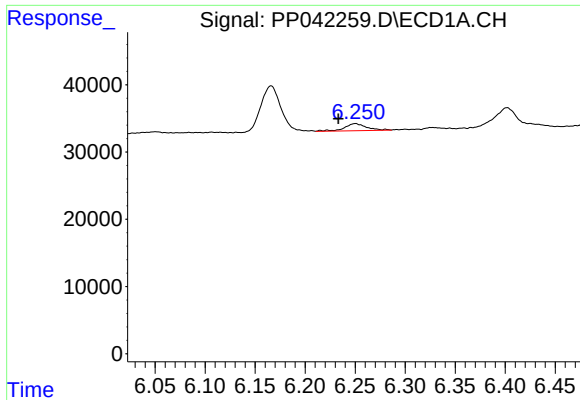
#2 Decachlorobiphenyl

R.T.: 10.920 min
Delta R.T.: 0.002 min
Response: 288498
Conc: 23.69 ng/ml



#2 Decachlorobiphenyl

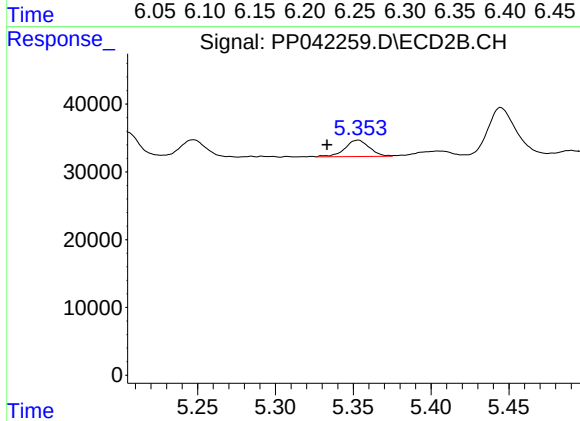
R.T.: 9.411 min
Delta R.T.: -0.007 min
Response: 311767
Conc: 19.28 ng/ml



#3 AR-1016-1

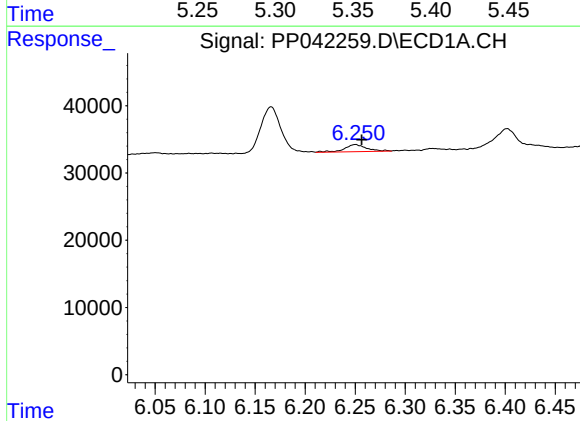
R.T.: 6.250 min
Delta R.T.: 0.017 min
Response: 15960
Conc: 35.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



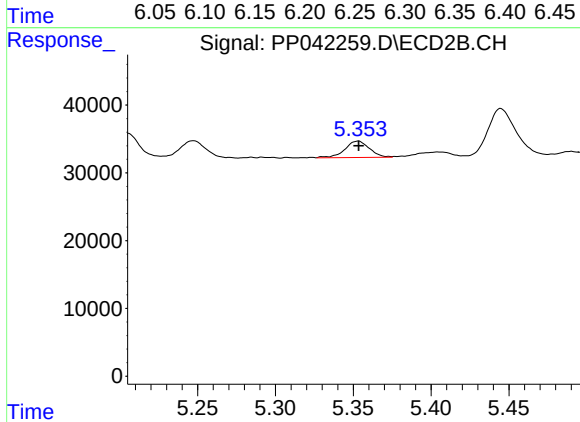
#3 AR-1016-1

R.T.: 5.353 min
Delta R.T.: 0.020 min
Response: 26432
Conc: 28.83 ng/ml



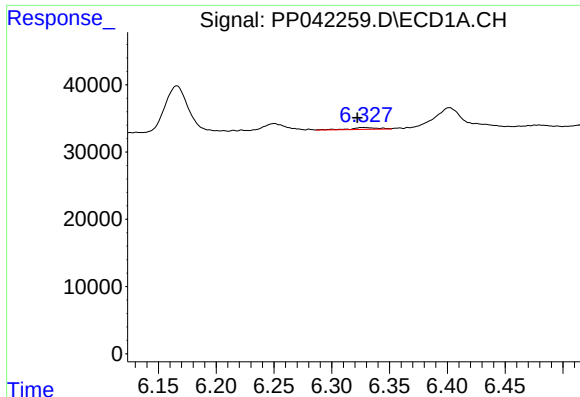
#4 AR-1016-2

R.T.: 6.250 min
Delta R.T.: -0.006 min
Response: 15960
Conc: 24.13 ng/ml



#4 AR-1016-2

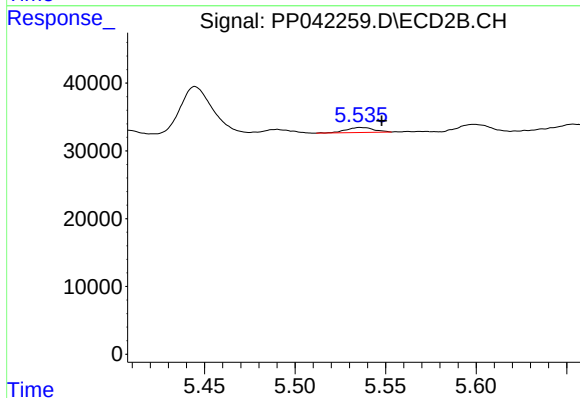
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 26432
Conc: 20.98 ng/ml



#5 AR-1016-3

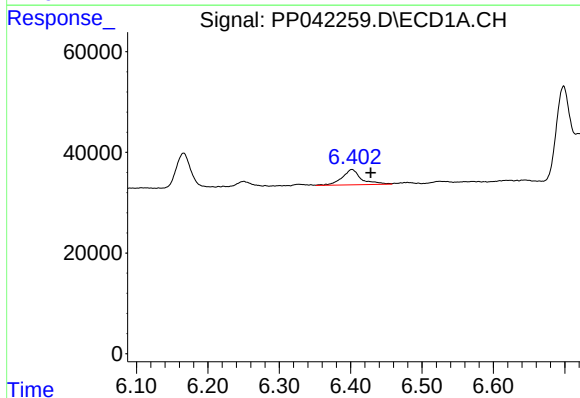
R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 4671
Conc: 11.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



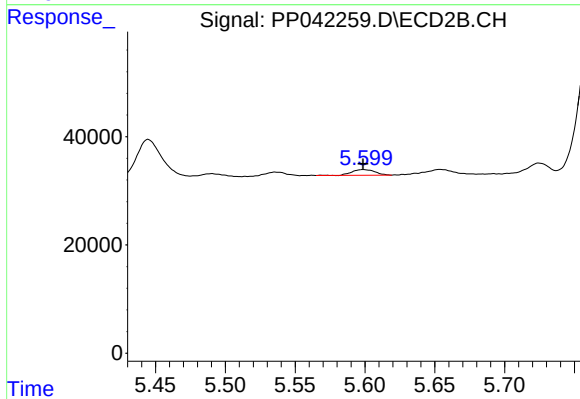
#5 AR-1016-3

R.T.: 5.536 min
Delta R.T.: -0.012 min
Response: 7871
Conc: 11.21 ng/ml



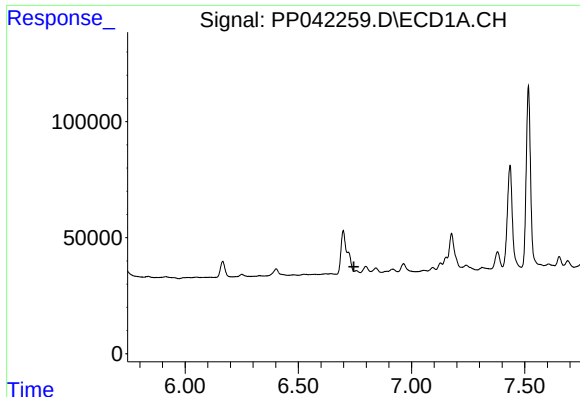
#6 AR-1016-4

R.T.: 6.402 min
Delta R.T.: -0.027 min
Response: 57226
Conc: 175.66 ng/ml



#6 AR-1016-4

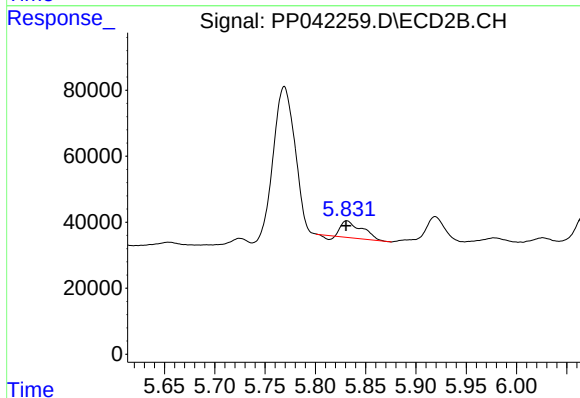
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 12213
Conc: 22.49 ng/ml



#7 AR-1016-5

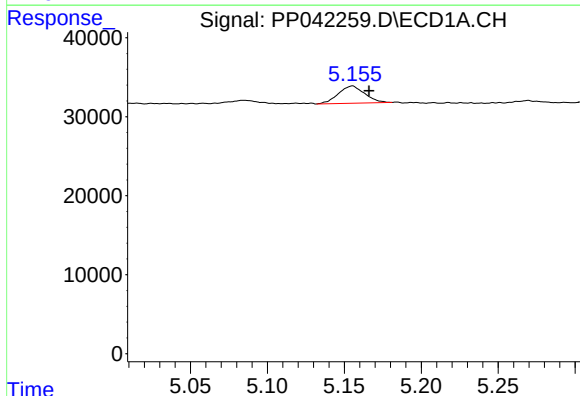
R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



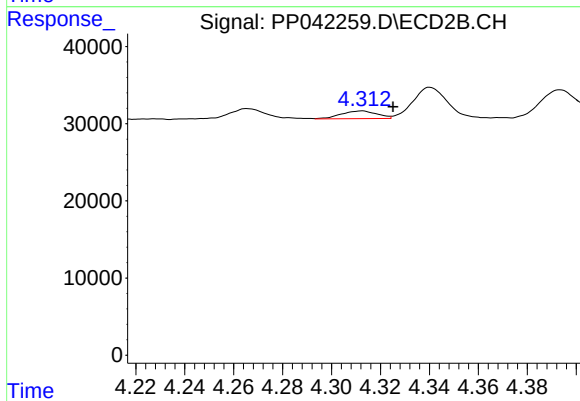
#7 AR-1016-5

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 69448
Conc: 106.51 ng/ml



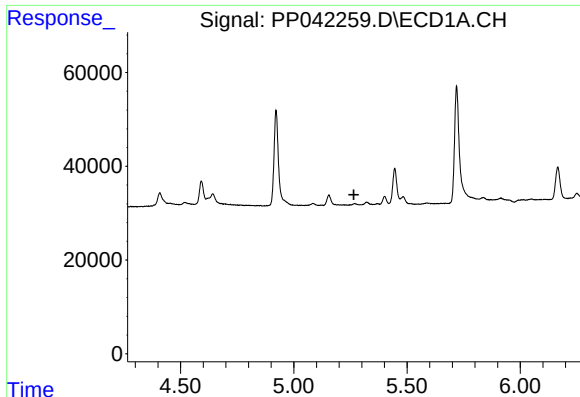
#8 AR-1221-1

R.T.: 5.155 min
Delta R.T.: -0.011 min
Response: 26027
Conc: 164.25 ng/ml



#8 AR-1221-1

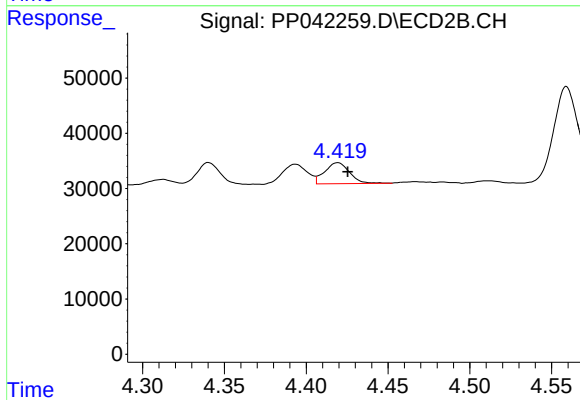
R.T.: 4.313 min
Delta R.T.: -0.012 min
Response: 10183
Conc: 39.32 ng/ml



#9 AR-1221-2

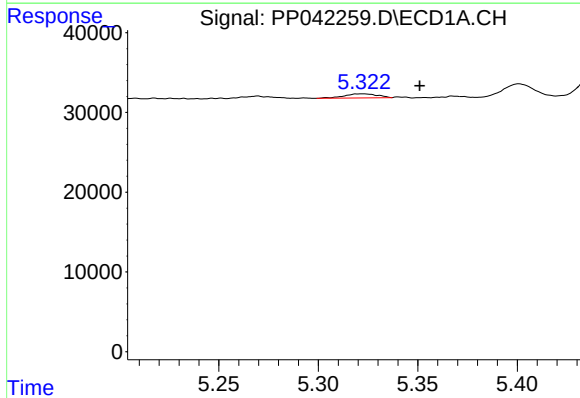
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



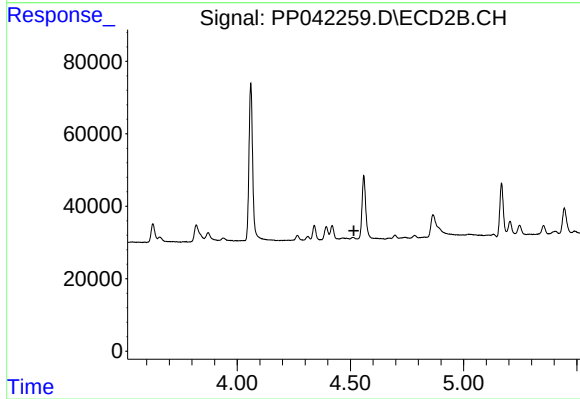
#9 AR-1221-2

R.T.: 4.419 min
Delta R.T.: -0.006 min
Response: 40135
Conc: 189.07 ng/ml



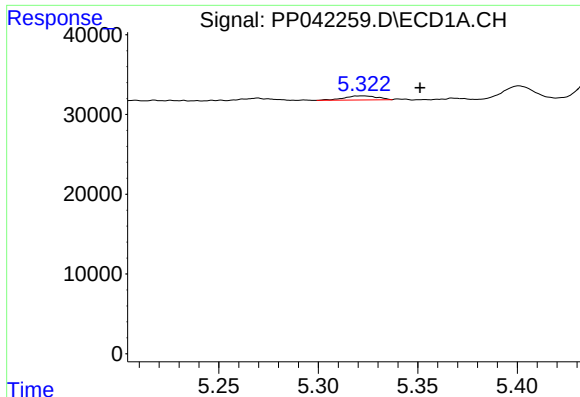
#10 AR-1221-3

R.T.: 5.323 min
Delta R.T.: -0.028 min
Response: 5866
Conc: 16.77 ng/ml



#10 AR-1221-3

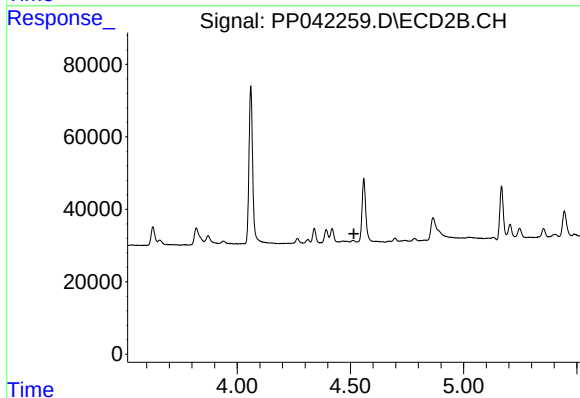
R.T.: 0.000 min
Exp R.T.: 4.515 min
Response: 0
Conc: N.D.



#11 AR-1232-1

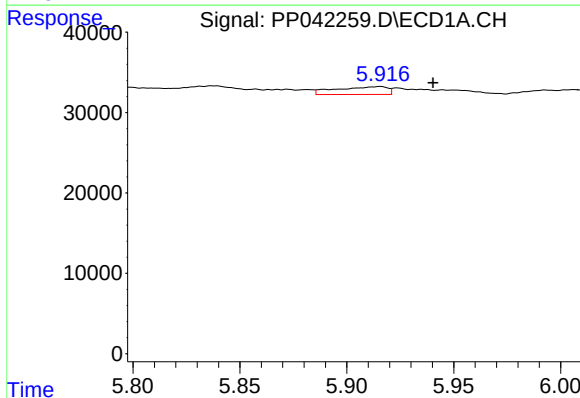
R.T.: 5.323 min
Delta R.T.: -0.029 min
Response: 5866
Conc: 20.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



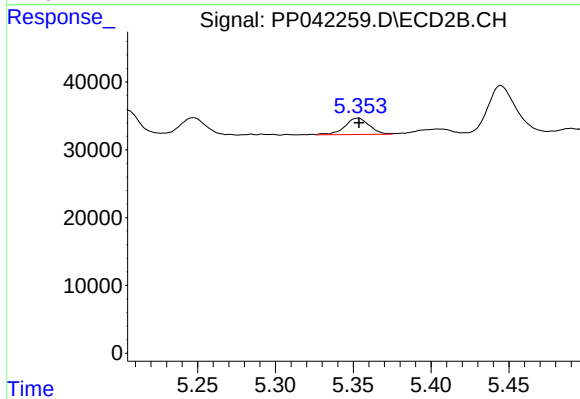
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.515 min
Response: 0
Conc: N.D.



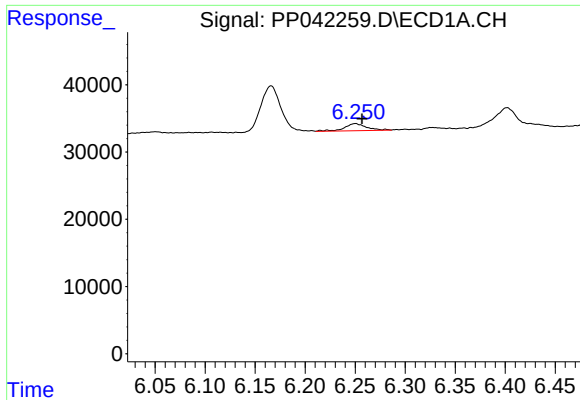
#12 AR-1232-2

R.T.: 5.916 min
Delta R.T.: -0.025 min
Response: 16313
Conc: 110.04 ng/ml



#12 AR-1232-2

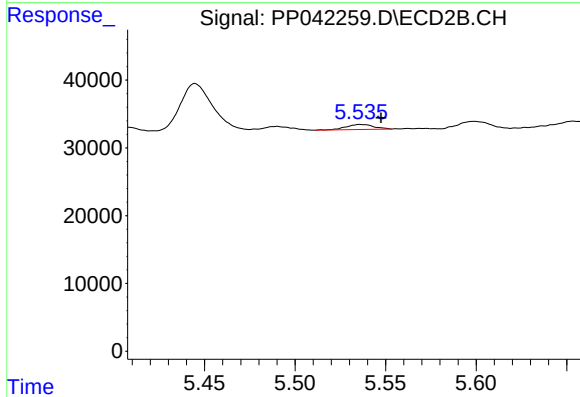
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 26432
Conc: 49.67 ng/ml



#13 AR-1232-3

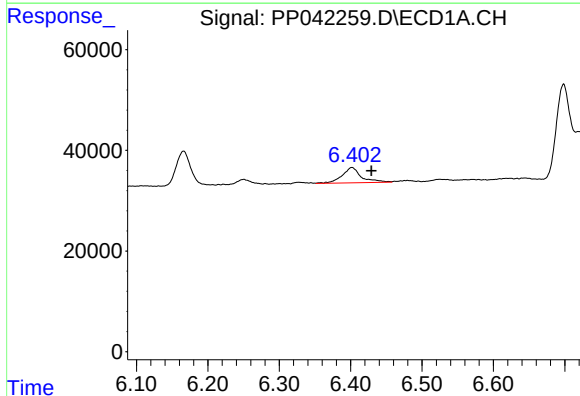
R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 15960
Conc: 61.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



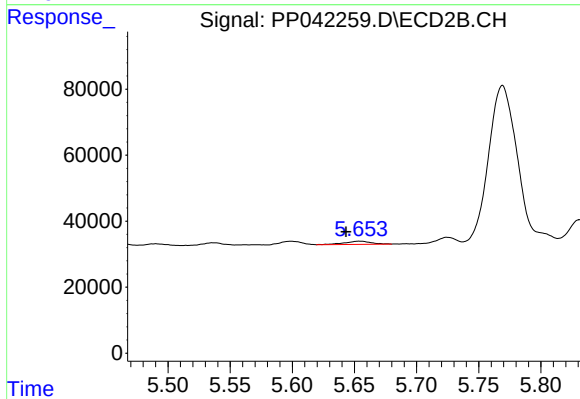
#13 AR-1232-3

R.T.: 5.536 min
Delta R.T.: -0.011 min
Response: 7871
Conc: 27.50 ng/ml



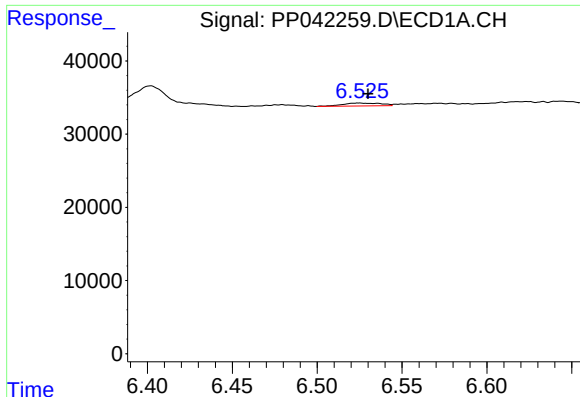
#14 AR-1232-4

R.T.: 6.402 min
Delta R.T.: -0.027 min
Response: 57226
Conc: 436.61 ng/ml



#14 AR-1232-4

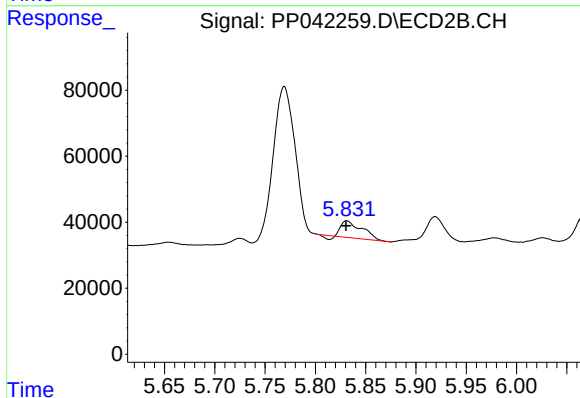
R.T.: 5.654 min
Delta R.T.: 0.011 min
Response: 13711
Conc: 56.84 ng/ml



#15 AR-1232-5

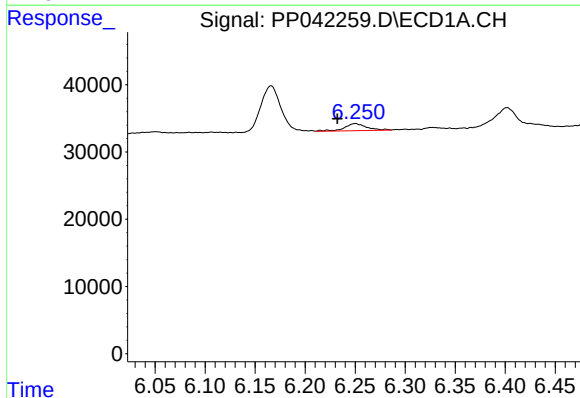
R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 6204
Conc: 60.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



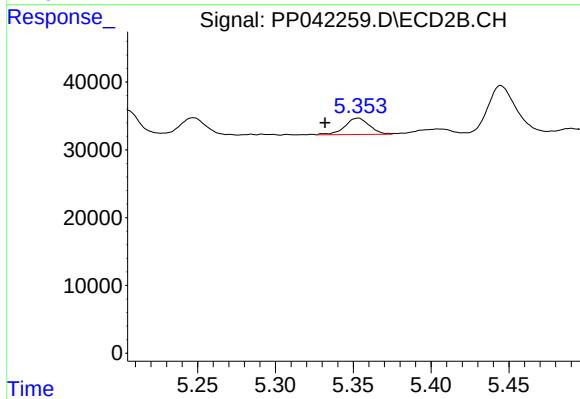
#15 AR-1232-5

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 69448
Conc: 286.02 ng/ml



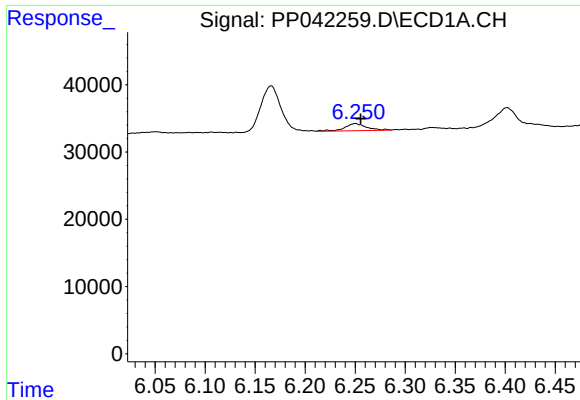
#16 AR-1242-1

R.T.: 6.250 min
Delta R.T.: 0.018 min
Response: 15960
Conc: 48.95 ng/ml



#16 AR-1242-1

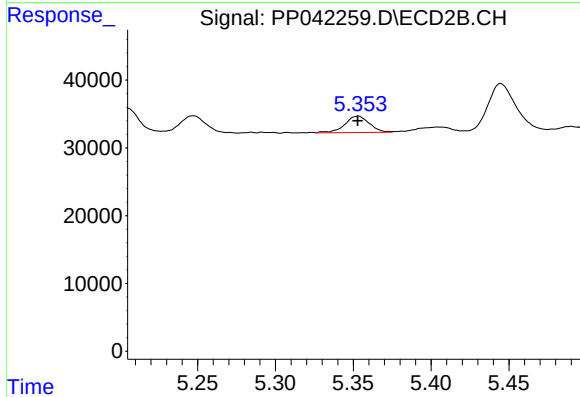
R.T.: 5.353 min
Delta R.T.: 0.022 min
Response: 26432
Conc: 38.82 ng/ml



#17 AR-1242-2

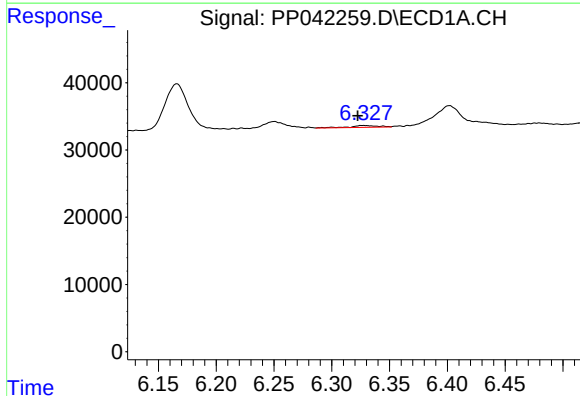
R.T.: 6.250 min
Delta R.T.: -0.005 min
Response: 15960
Conc: 33.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



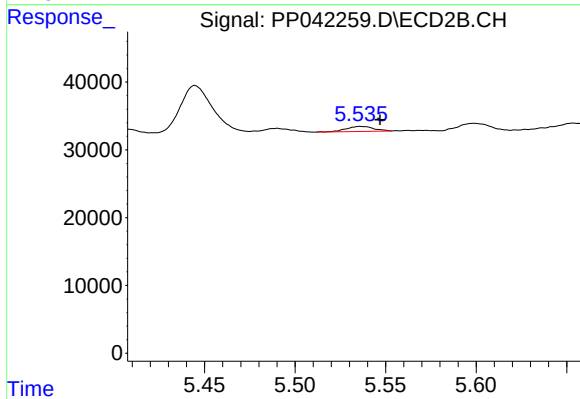
#17 AR-1242-2

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 26432
Conc: 28.38 ng/ml



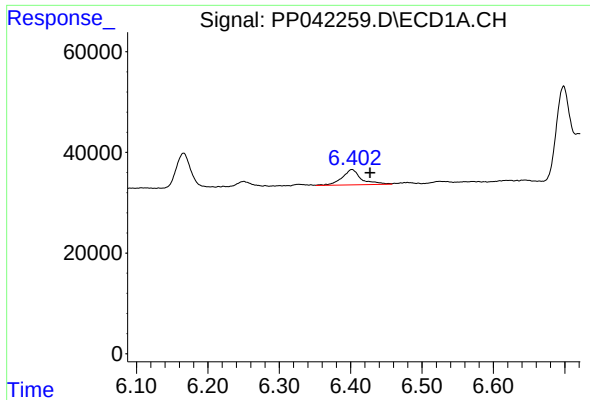
#18 AR-1242-3

R.T.: 6.327 min
Delta R.T.: 0.004 min
Response: 4671
Conc: 15.60 ng/ml



#18 AR-1242-3

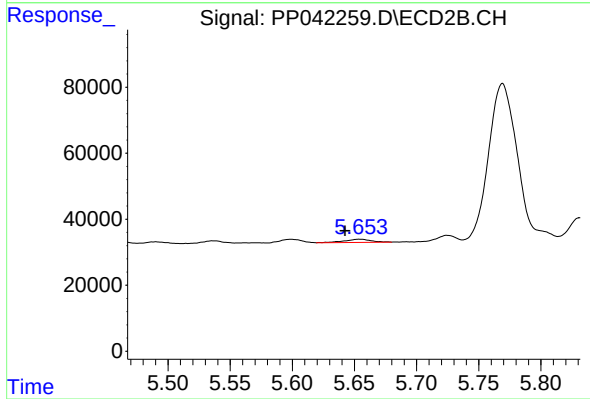
R.T.: 5.536 min
Delta R.T.: -0.011 min
Response: 7871
Conc: 14.89 ng/ml



#19 AR-1242-4

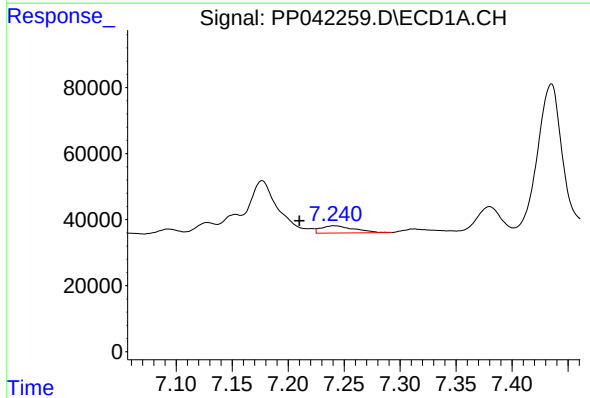
R.T.: 6.402 min
Delta R.T.: -0.026 min
Response: 57226
Conc: 233.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



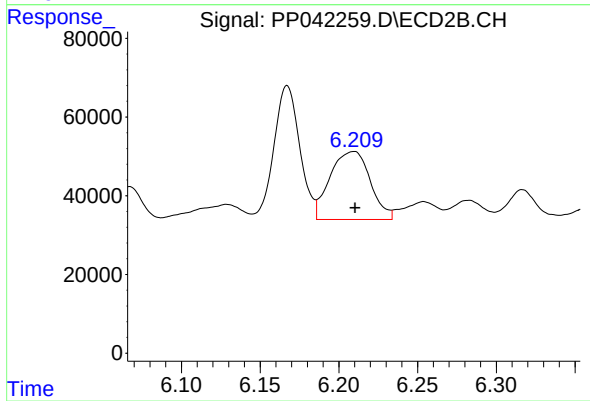
#19 AR-1242-4

R.T.: 5.654 min
Delta R.T.: 0.011 min
Response: 13711
Conc: 27.10 ng/ml



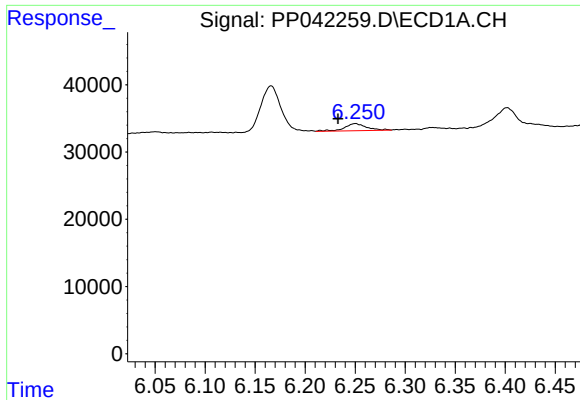
#20 AR-1242-5

R.T.: 7.241 min
Delta R.T.: 0.031 min
Response: 44396
Conc: 170.70 ng/ml



#20 AR-1242-5

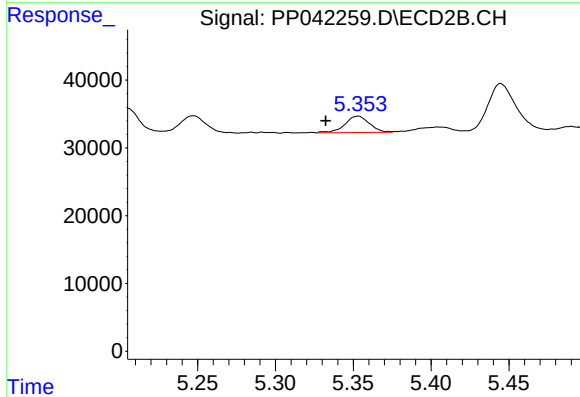
R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 306938
Conc: 517.78 ng/ml



#21 AR-1248-1

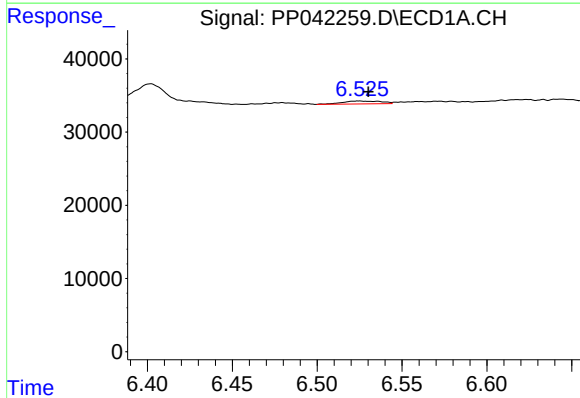
R.T.: 6.250 min
Delta R.T.: 0.017 min
Response: 15960
Conc: 63.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



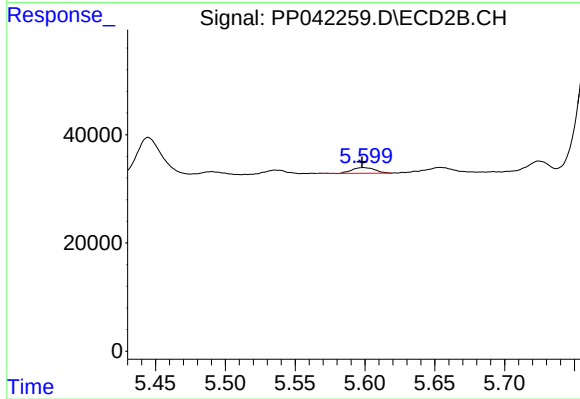
#21 AR-1248-1

R.T.: 5.353 min
Delta R.T.: 0.021 min
Response: 26432
Conc: 50.88 ng/ml



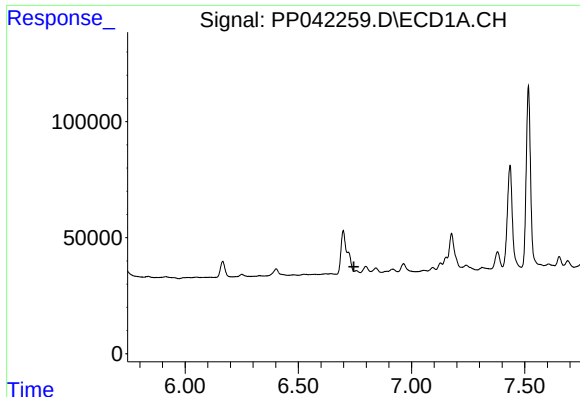
#22 AR-1248-2

R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 6204
Conc: 17.57 ng/ml



#22 AR-1248-2

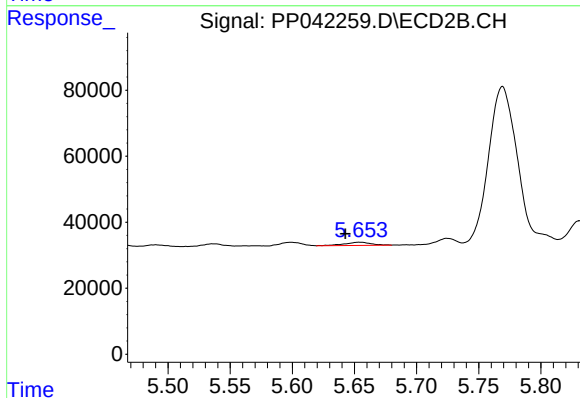
R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 12213
Conc: 17.34 ng/ml



#23 AR-1248-3

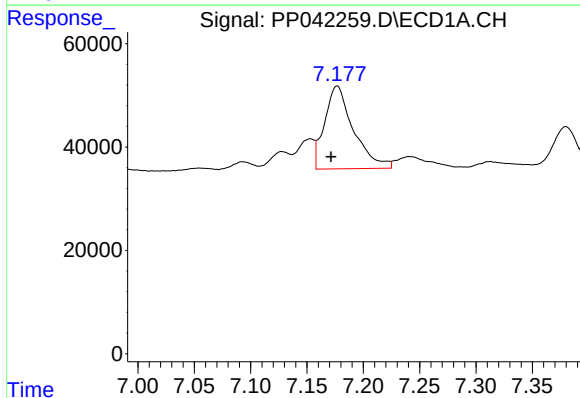
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



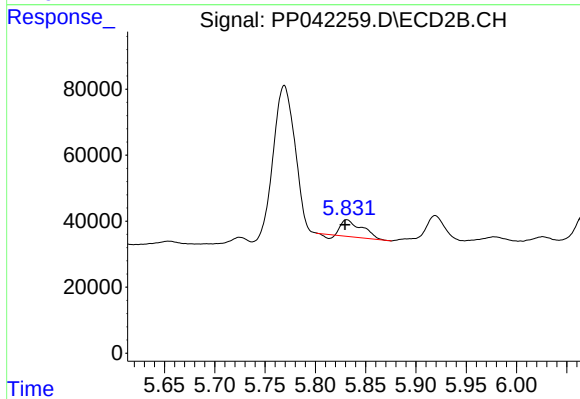
#23 AR-1248-3

R.T.: 5.654 min
Delta R.T.: 0.011 min
Response: 13711
Conc: 18.48 ng/ml



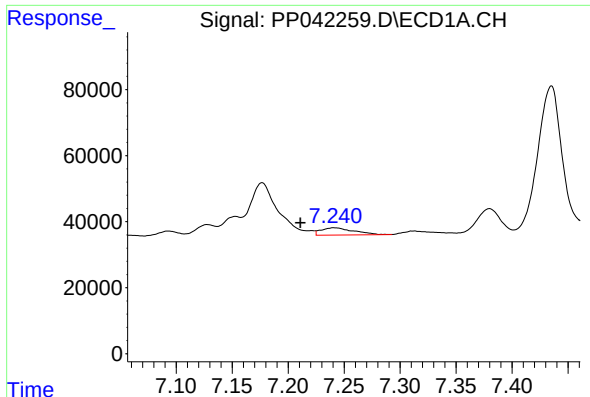
#24 AR-1248-4

R.T.: 7.177 min
Delta R.T.: 0.005 min
Response: 284974
Conc: 628.51 ng/ml



#24 AR-1248-4

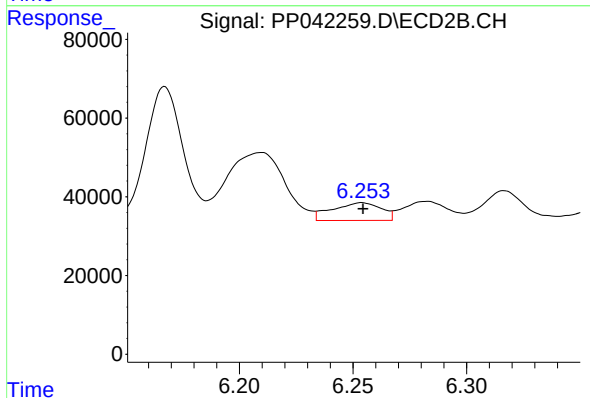
R.T.: 5.831 min
Delta R.T.: 0.002 min
Response: 69448
Conc: 82.49 ng/ml



#25 AR-1248-5

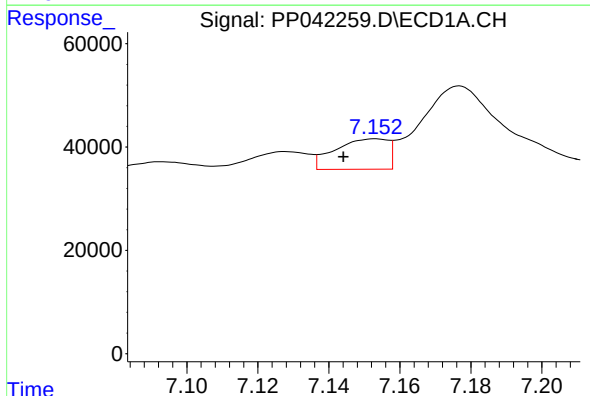
R.T.: 7.241 min
Delta R.T.: 0.030 min
Response: 44396
Conc: 99.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



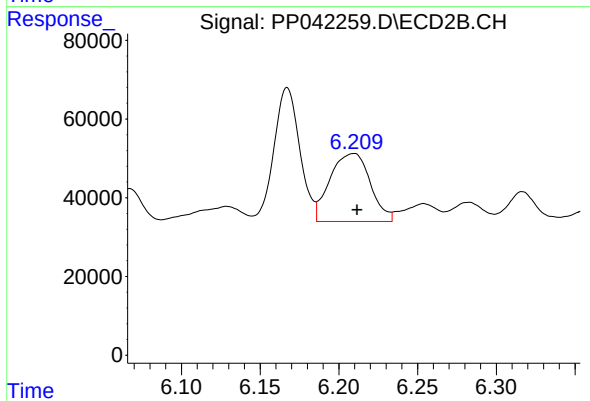
#25 AR-1248-5

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 67392
Conc: 81.36 ng/ml



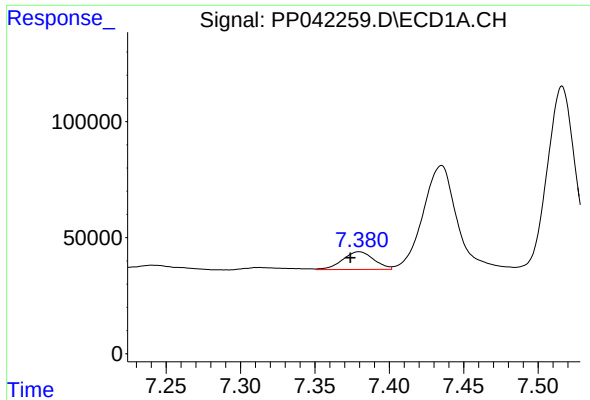
#26 AR-1254-1

R.T.: 7.153 min
Delta R.T.: 0.009 min
Response: 61025
Conc: 122.41 ng/ml



#26 AR-1254-1

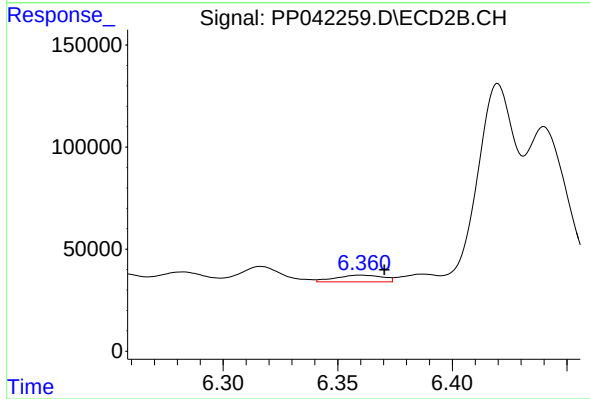
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 306938
Conc: 245.40 ng/ml



#27 AR-1254-2

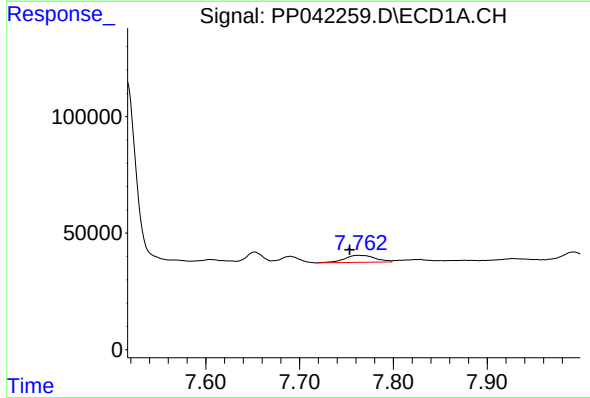
R.T.: 7.380 min
Delta R.T.: 0.006 min
Response: 111491
Conc: 145.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



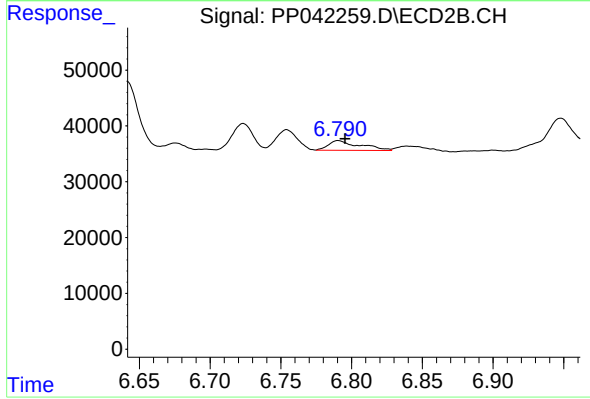
#27 AR-1254-2

R.T.: 6.360 min
Delta R.T.: -0.010 min
Response: 46310
Conc: 42.56 ng/ml



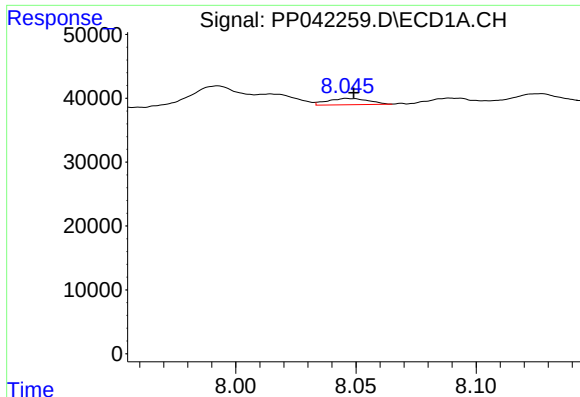
#28 AR-1254-3

R.T.: 7.762 min
Delta R.T.: 0.009 min
Response: 68009
Conc: 88.14 ng/ml



#28 AR-1254-3

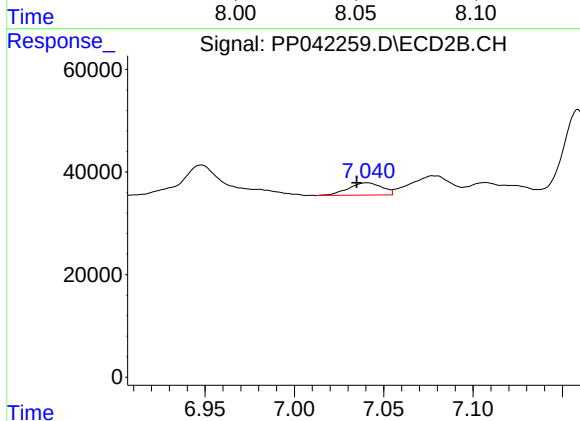
R.T.: 6.791 min
Delta R.T.: -0.005 min
Response: 27418
Conc: 16.50 ng/ml



#29 AR-1254-4

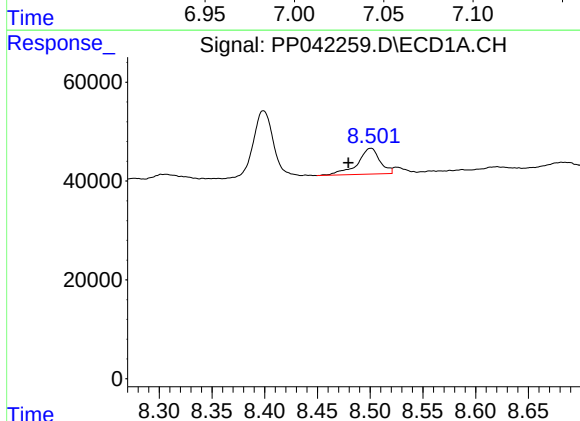
R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 11790
Conc: 21.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



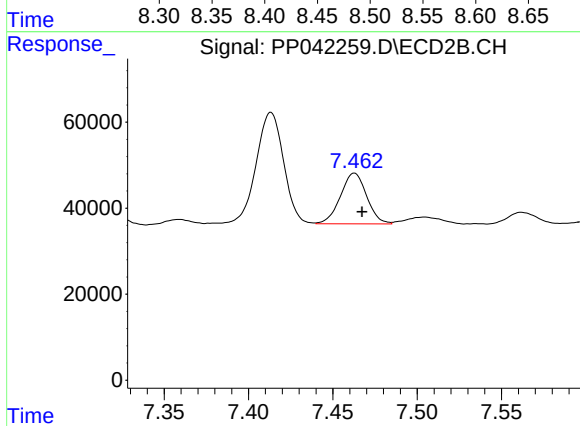
#29 AR-1254-4

R.T.: 7.041 min
Delta R.T.: 0.006 min
Response: 31768
Conc: 32.56 ng/ml



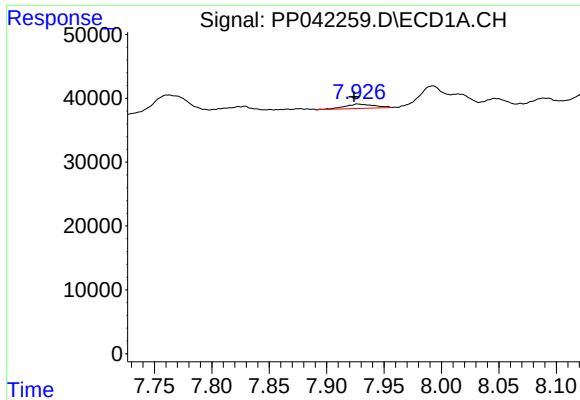
#30 AR-1254-5

R.T.: 8.501 min
Delta R.T.: 0.021 min
Response: 77579
Conc: 123.89 ng/ml



#30 AR-1254-5

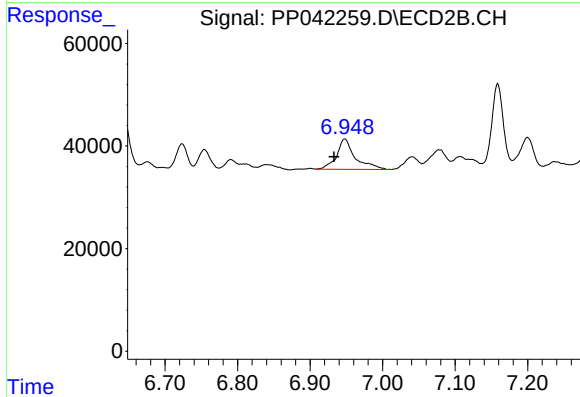
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 127914
Conc: 99.82 ng/ml



#31 AR-1260-1

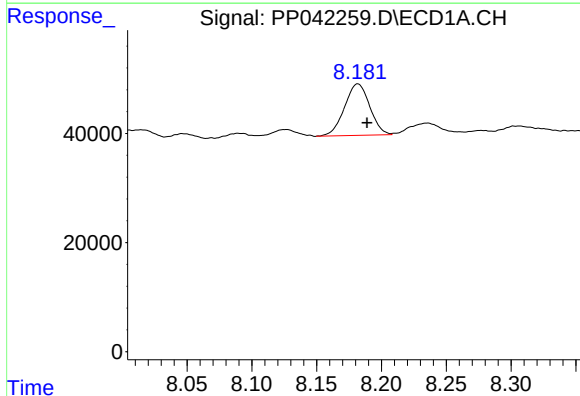
R.T.: 7.927 min
Delta R.T.: 0.003 min
Response: 12533
Conc: 21.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



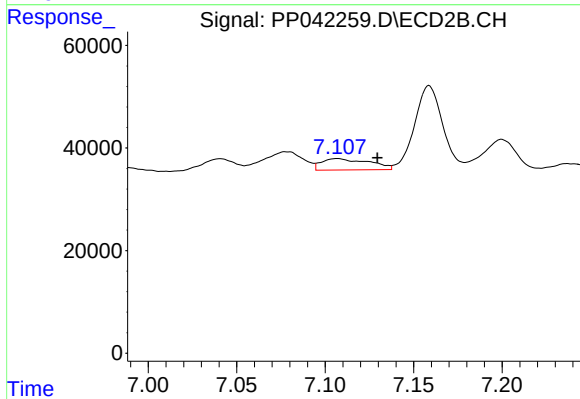
#31 AR-1260-1

R.T.: 6.948 min
Delta R.T.: 0.015 min
Response: 105686
Conc: 99.45 ng/ml



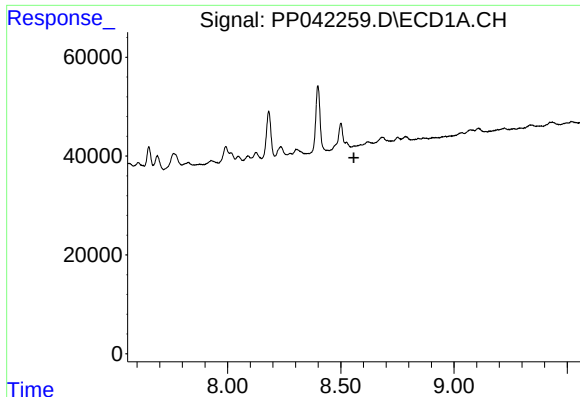
#32 AR-1260-2

R.T.: 8.182 min
Delta R.T.: -0.007 min
Response: 127848
Conc: 165.58 ng/ml



#32 AR-1260-2

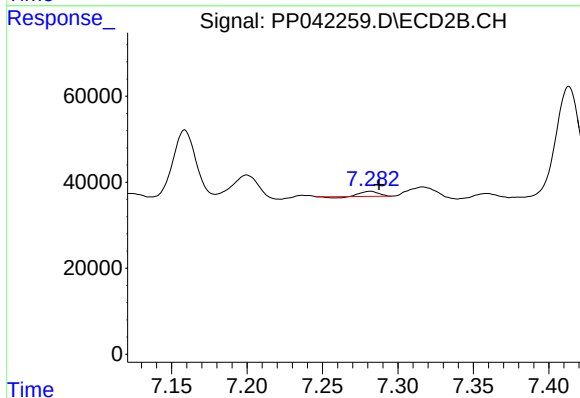
R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 41759
Conc: 33.83 ng/ml



#33 AR-1260-3

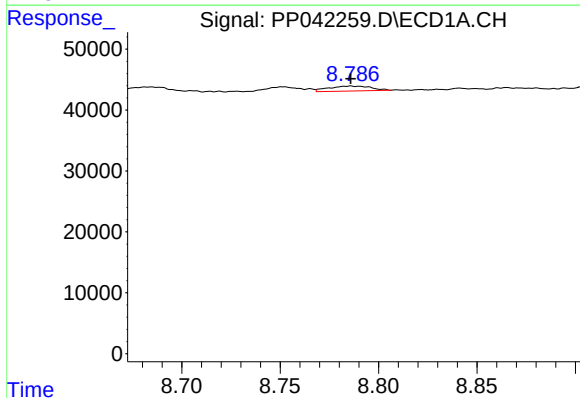
R.T.: 0.000 min
Exp R.T.: 8.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



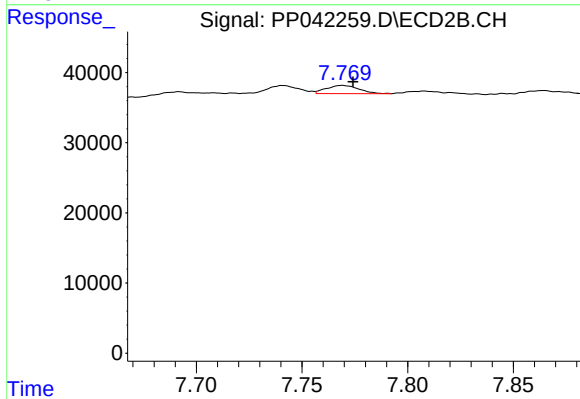
#33 AR-1260-3

R.T.: 7.282 min
Delta R.T.: -0.006 min
Response: 8069
Conc: 6.02 ng/ml



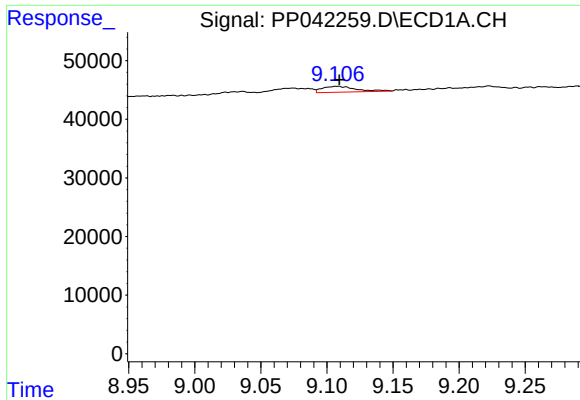
#34 AR-1260-4

R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 12040
Conc: 20.79 ng/ml



#34 AR-1260-4

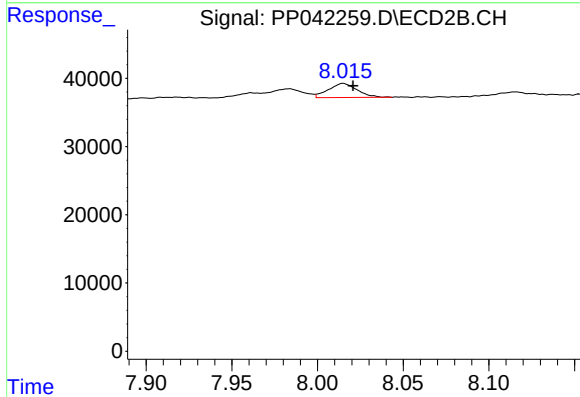
R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 12564
Conc: 14.07 ng/ml



#35 AR-1260-5

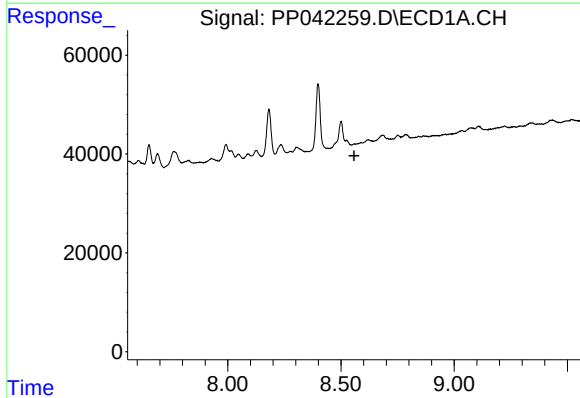
R.T.: 9.108 min
Delta R.T.: -0.001 min
Response: 18200
Conc: 15.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



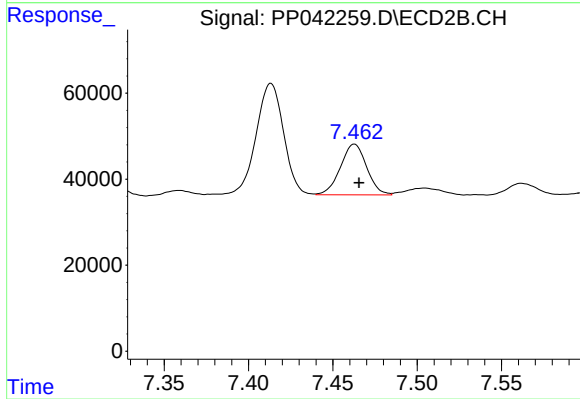
#35 AR-1260-5

R.T.: 8.015 min
Delta R.T.: -0.006 min
Response: 24220
Conc: 12.58 ng/ml



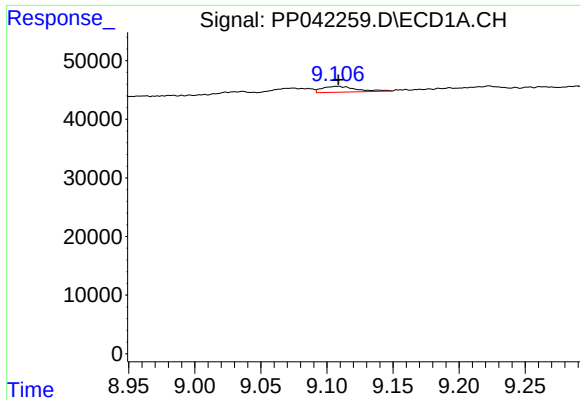
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.557 min
Response: 0
Conc: N.D.



#36 AR-1262-1

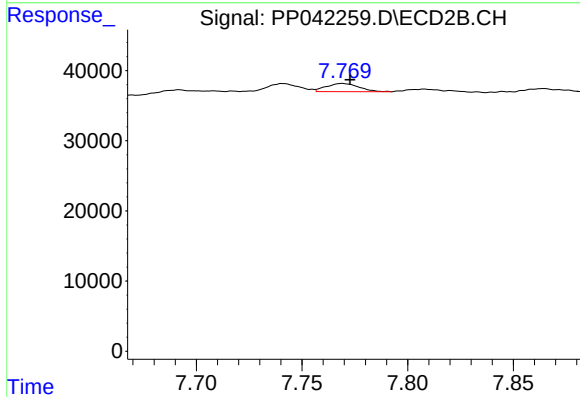
R.T.: 7.463 min
Delta R.T.: -0.003 min
Response: 127914
Conc: 192.25 ng/ml



#37 AR-1262-2

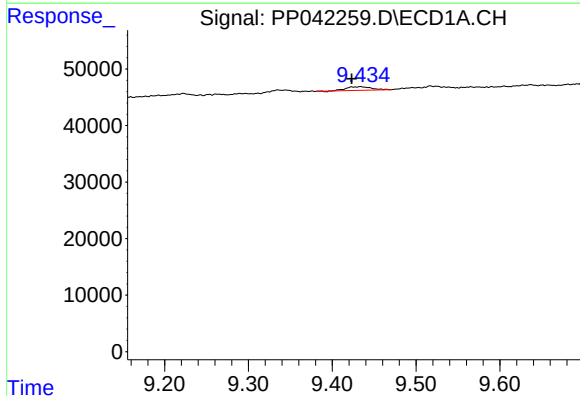
R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 18200
Conc: 14.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



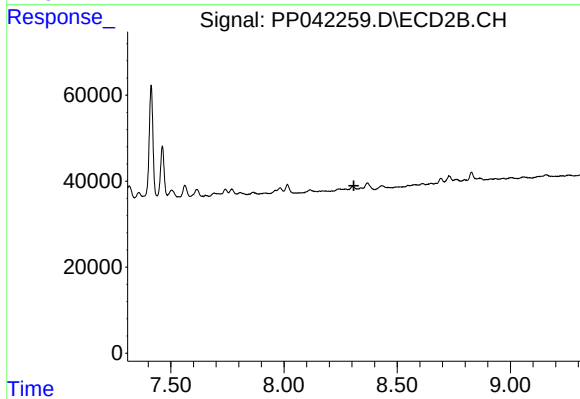
#37 AR-1262-2

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 12564
Conc: 11.58 ng/ml



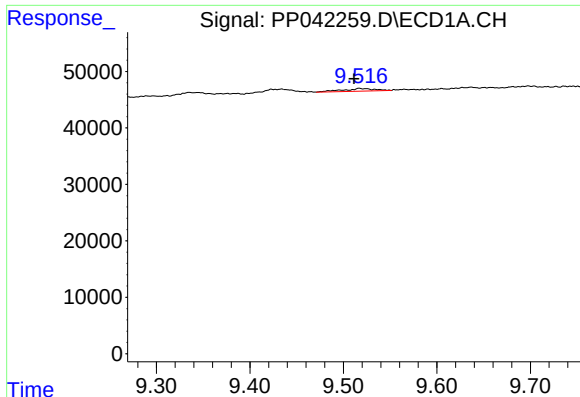
#38 AR-1262-3

R.T.: 9.434 min
Delta R.T.: 0.010 min
Response: 12995
Conc: 26.44 ng/ml



#38 AR-1262-3

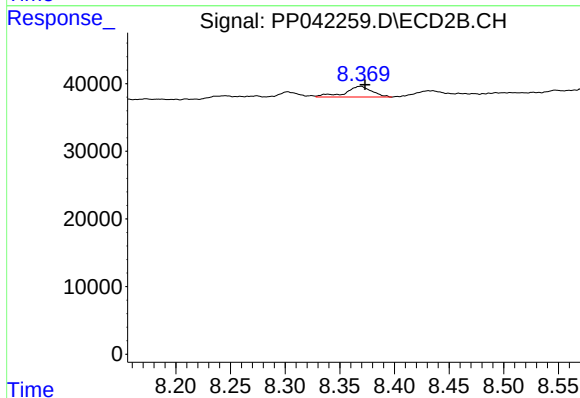
R.T.: 0.000 min
Exp R.T. : 8.309 min
Response: 0
Conc: N.D.



#39 AR-1262-4

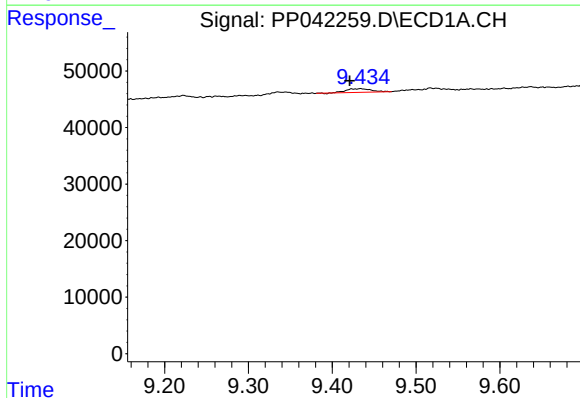
R.T.: 9.517 min
Delta R.T.: 0.005 min
Response: 11371
Conc: 30.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



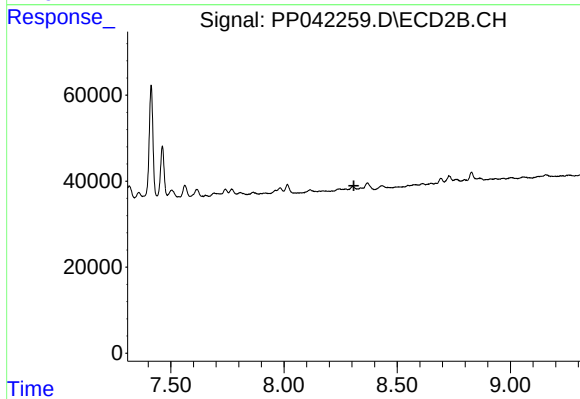
#39 AR-1262-4

R.T.: 8.369 min
Delta R.T.: -0.004 min
Response: 27034
Conc: 17.75 ng/ml



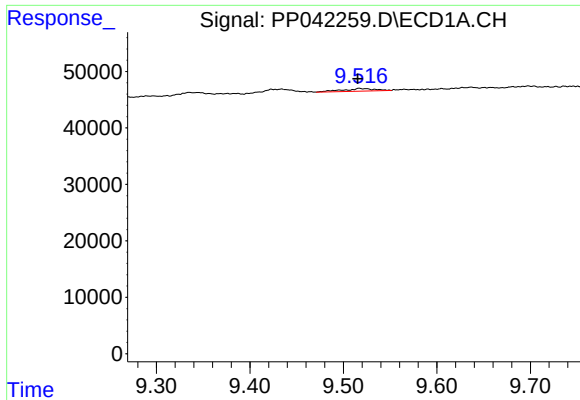
#41 AR-1268-1

R.T.: 9.434 min
Delta R.T.: 0.013 min
Response: 12995
Conc: 8.57 ng/ml



#41 AR-1268-1

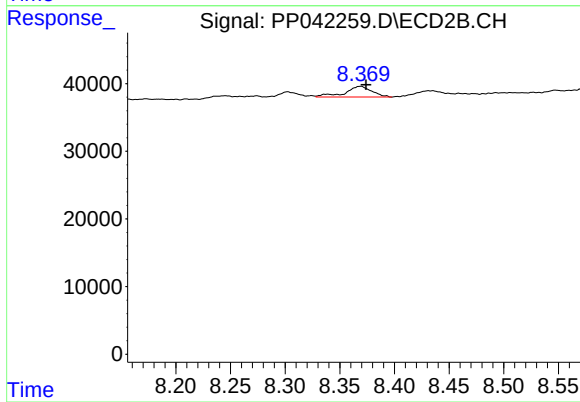
R.T.: 0.000 min
Exp R.T.: 8.308 min
Response: 0
Conc: N.D.



#42 AR-1268-2

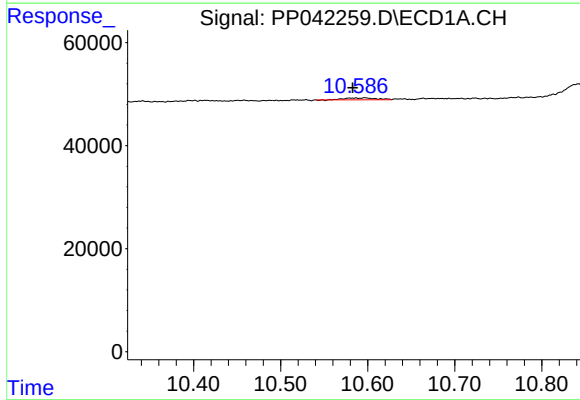
R.T.: 9.517 min
Delta R.T.: 0.002 min
Response: 11371
Conc: 8.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



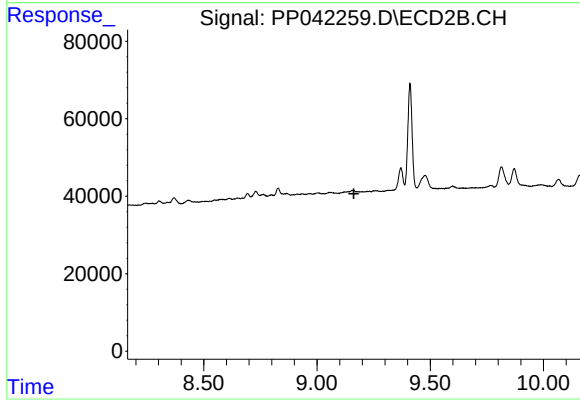
#42 AR-1268-2

R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 27034
Conc: 12.38 ng/ml



#45 AR-1268-5

R.T.: 10.587 min
Delta R.T.: 0.004 min
Response: 8495
Conc: 2.19 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.163 min
Response: 0
Conc: N.D.