

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
 Data File : PP042336.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Dec 2021 11:35
 Operator : AJ\MA
 Sample : M5244-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 00:11:38 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...	4.919	4.057	289002	549272	22.011	24.049
2)	SA Decachlor...	10.916	9.405	325882	390779	26.755	24.165
Target Compounds							
3)	L1 AR-1016-1	6.230	5.325	13433	28896	30.219	31.522
4)	L1 AR-1016-2	6.253	5.346	25291	57367	38.234	45.530
5)	L1 AR-1016-3	6.320	5.539	16460	23925	40.355	34.067
6)	L1 AR-1016-4	6.426	5.590	18384	28028	56.430	51.613
7)	L1 AR-1016-5	6.744	0.000	7581	0	22.089	N.D. #
8)	L2 AR-1221-1	5.154	4.312	118114	25514	745.392	98.516 #
9)	L2 AR-1221-2	5.263	0.000	4397	0	38.994	N.D. #
10)	L2 AR-1221-3	5.347	4.507	14545	39020	41.578	56.101 #
11)	L3 AR-1232-1	5.347	4.507	14545	39020	50.352	66.741 #
12)	L3 AR-1232-2	5.937	5.346	12187	57367	82.207	107.809 #
13)	L3 AR-1232-3	6.253	5.539	25291	23925	96.664	83.588
14)	L3 AR-1232-4	6.426	5.636	18384	19846	140.260	82.281 #
15)	L3 AR-1232-5	6.528	0.000	11226	0	108.786	N.D. #
16)	L4 AR-1242-1	6.230	5.325	13433	28896	41.195	42.437
17)	L4 AR-1242-2	6.253	5.346	25291	57367	52.991	61.596
18)	L4 AR-1242-3	6.320	5.539	16460	23925	54.959	45.274
19)	L4 AR-1242-4	6.426	5.636	18384	19846	75.034	39.225 #
20)	L4 AR-1242-5	7.209	6.204	17389	28496	66.859	48.070 #
21)	L5 AR-1248-1	6.230	5.325	13433	28896	53.654	55.621
22)	L5 AR-1248-2	6.528	5.590	11226	28028	31.784	39.800 #
23)	L5 AR-1248-3	6.744	5.636	7581	19846	18.026	26.745 #
24)	L5 AR-1248-4	7.168	0.000	12076	0	26.634	N.D. #
25)	L5 AR-1248-5	7.209	6.230f	17389	167790	39.001	202.566 #
26)	L6 AR-1254-1	7.140	6.204	52266	28496	104.841	22.782 #
27)	L6 AR-1254-2	7.372	6.362	44373	15950	57.880	14.656 #
28)	L6 AR-1254-3	7.750	6.787	92977	104025	120.503	62.615 #
29)	L6 AR-1254-4	8.051	7.028	47467	20538	85.311	21.053 #
30)	L6 AR-1254-5	8.474	7.457	89693	29015	143.235	22.643 #
31)	L7 AR-1260-1	7.923	6.925	103838	21706	175.216	20.425 #
32)	L7 AR-1260-2	8.190	7.101f	53414	106010	69.179	85.874
33)	L7 AR-1260-3	8.564	0.000	75198	0	145.364	N.D. #
34)	L7 AR-1260-4	8.807f	7.757f	433582	88726	748.819	99.362 #
35)	L7 AR-1260-5	9.111	8.047f	66497	4755	56.831	2.471 #
36)	L8 AR-1262-1	8.564	7.457	75198	29015	97.992	43.609 #
37)	L8 AR-1262-2	9.111	7.757f	66497	88726	54.254	81.804 #
39)	L8 AR-1262-4	9.508	0.000	15126	0	41.042	N.D. #
40)	L8 AR-1262-5	0.000	8.844f	0	28483	N.D.	39.835 #
42)	L9 AR-1268-2	9.508	0.000	15126	0	10.659	N.D. #
44)	L9 AR-1268-4	0.000	8.844f	0	28483	N.D.	36.022 #

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Integration File signal 1: autoint1.e
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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
45) L9	AR-1268-5	10.581	9.192f	5449	35992	1.405	6.306 #

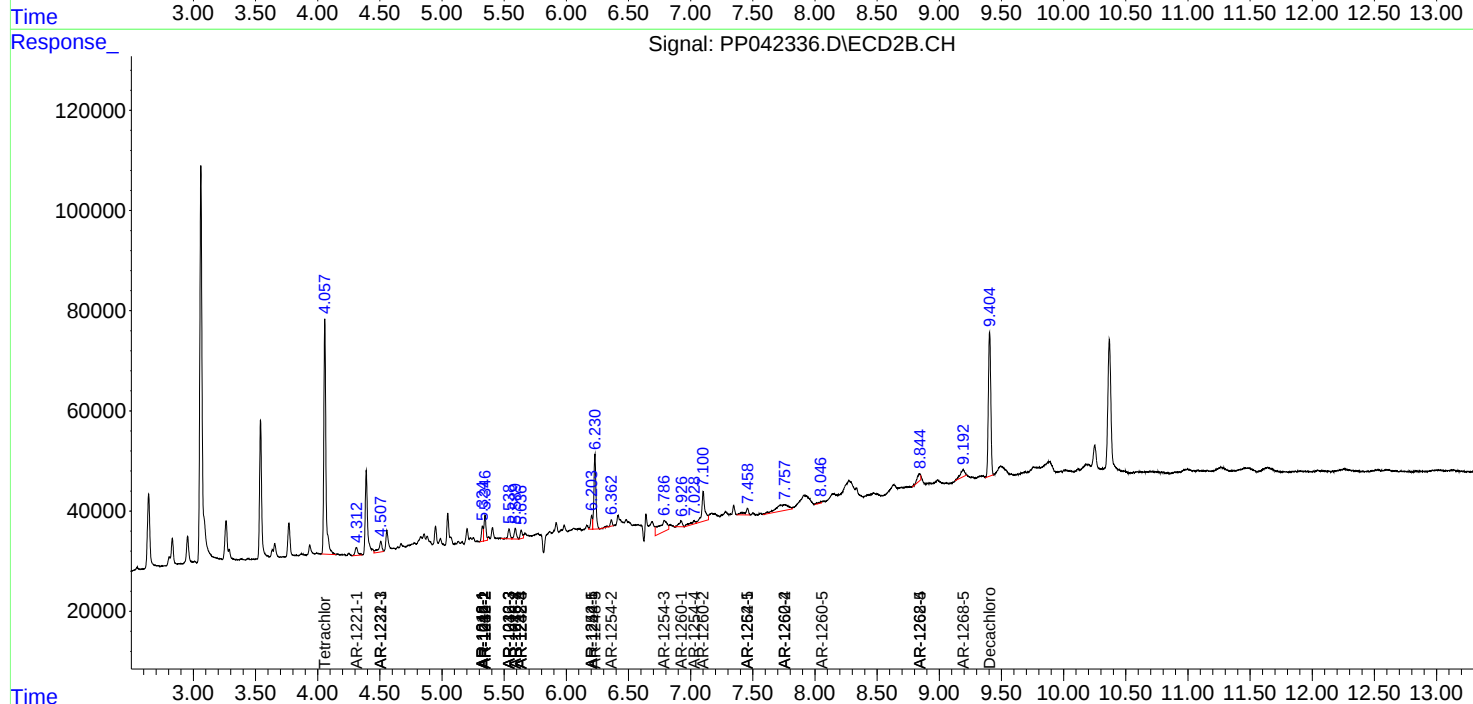
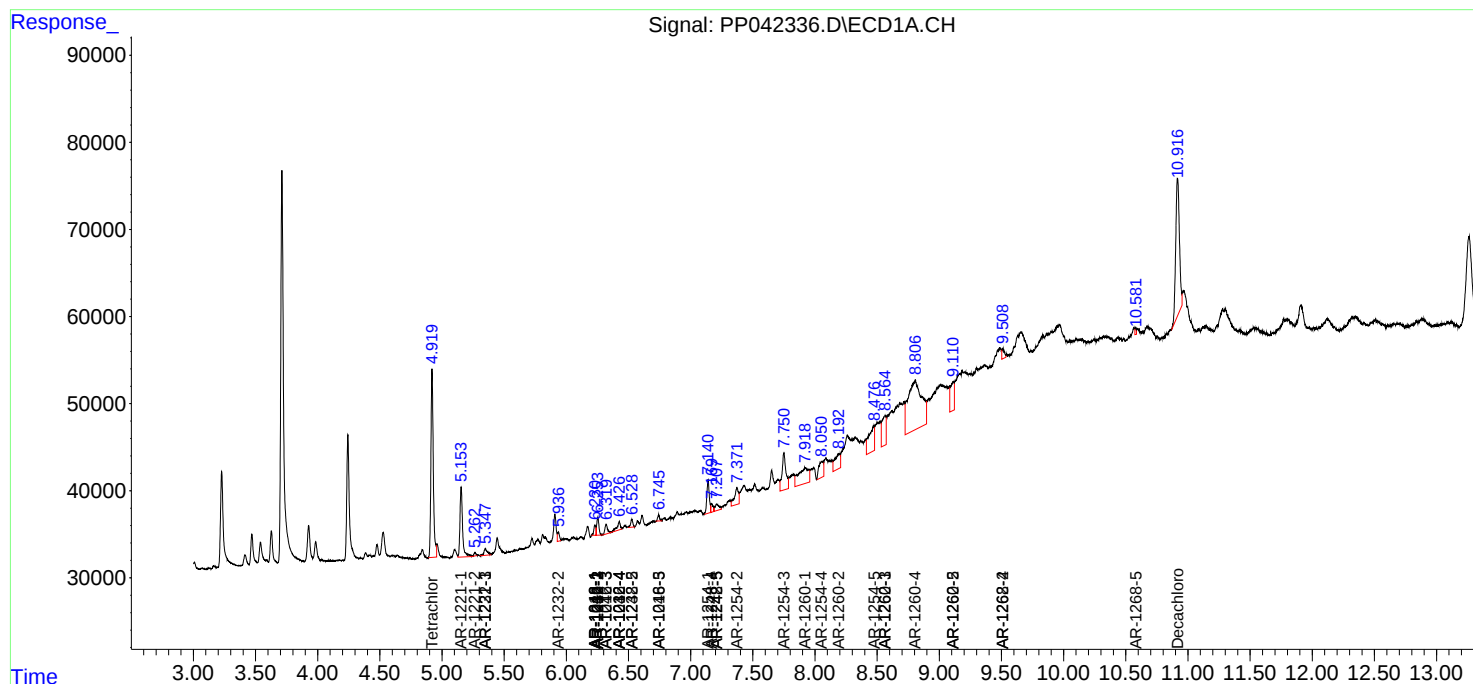
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

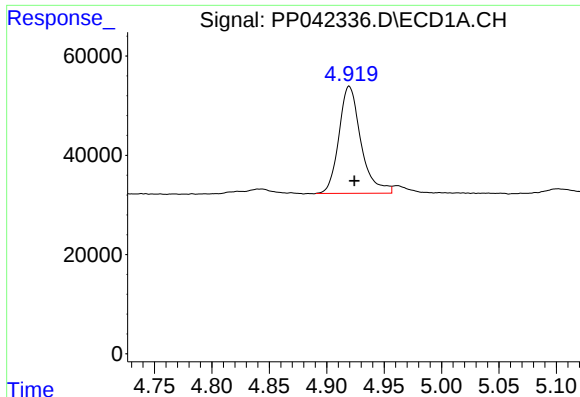
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122921\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

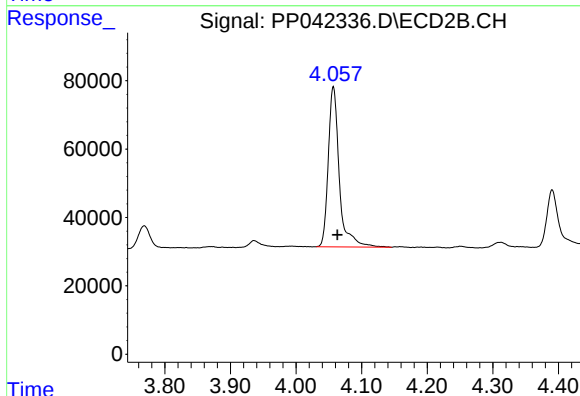




#1 Tetrachloro-m-xylene

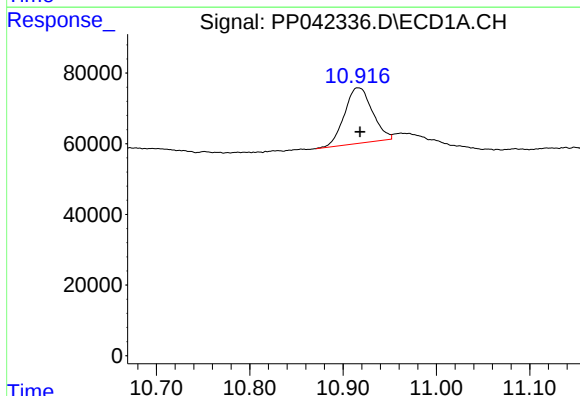
R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 289002
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



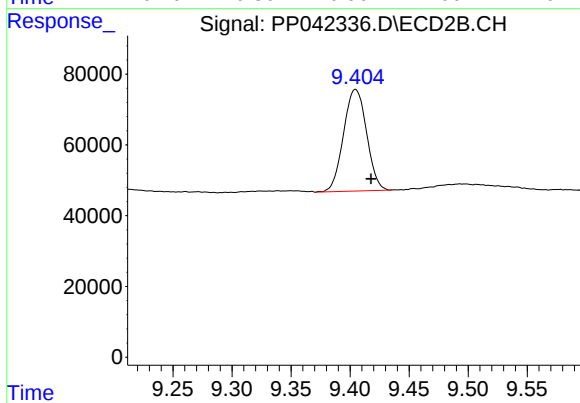
#1 Tetrachloro-m-xylene

R.T.: 4.057 min
Delta R.T.: -0.006 min
Response: 549272
Conc: 24.05 ng/ml



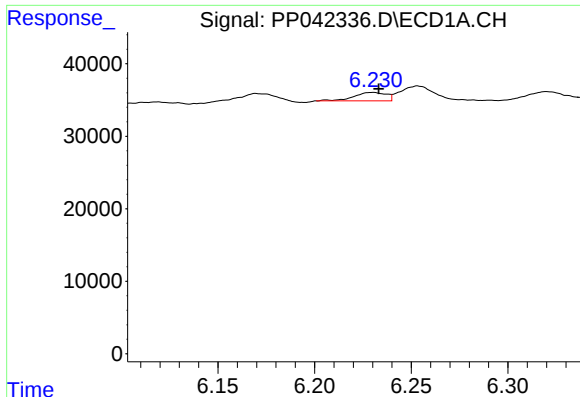
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: -0.002 min
Response: 325882
Conc: 26.75 ng/ml



#2 Decachlorobiphenyl

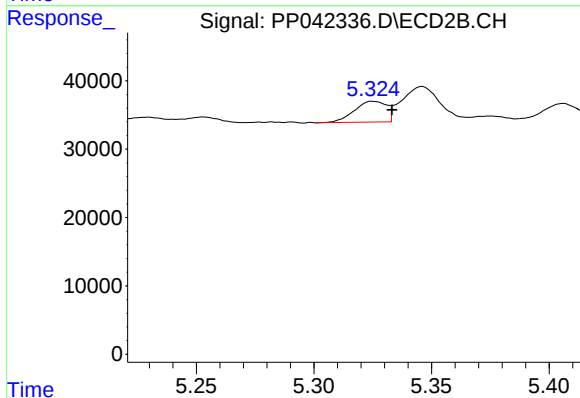
R.T.: 9.405 min
Delta R.T.: -0.013 min
Response: 390779
Conc: 24.16 ng/ml



#3 AR-1016-1

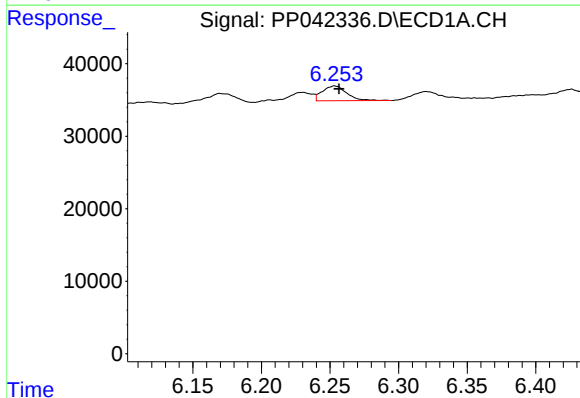
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 13433
Conc: 30.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



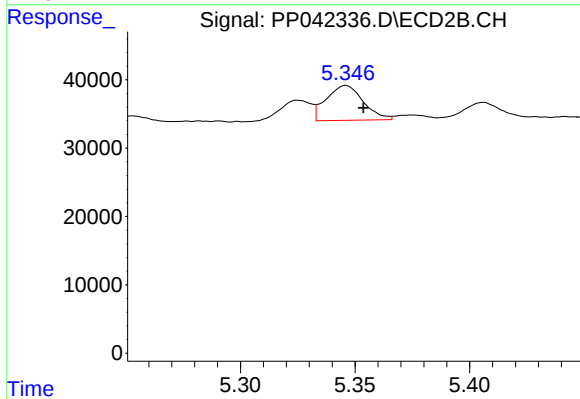
#3 AR-1016-1

R.T.: 5.325 min
Delta R.T.: -0.008 min
Response: 28896
Conc: 31.52 ng/ml



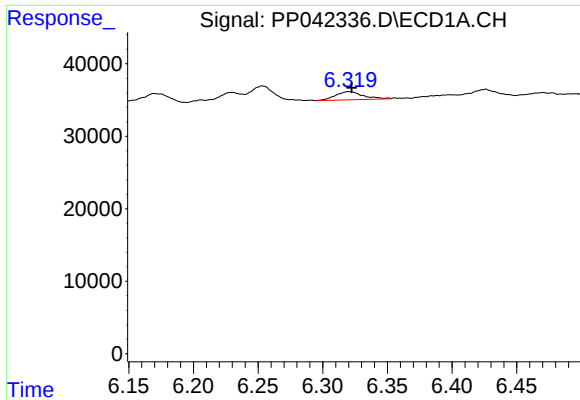
#4 AR-1016-2

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 25291
Conc: 38.23 ng/ml



#4 AR-1016-2

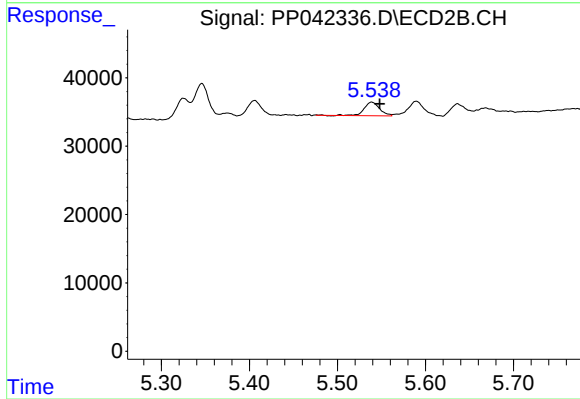
R.T.: 5.346 min
Delta R.T.: -0.008 min
Response: 57367
Conc: 45.53 ng/ml



#5 AR-1016-3

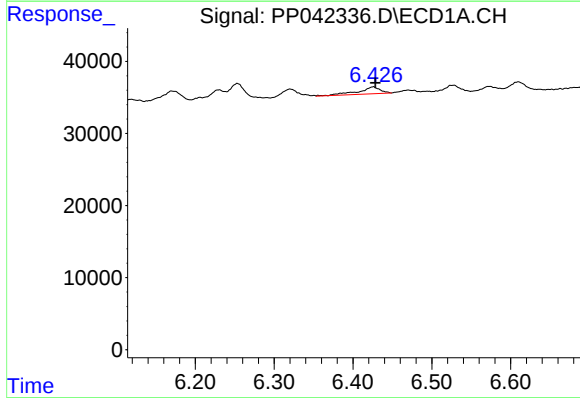
R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 16460
Conc: 40.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



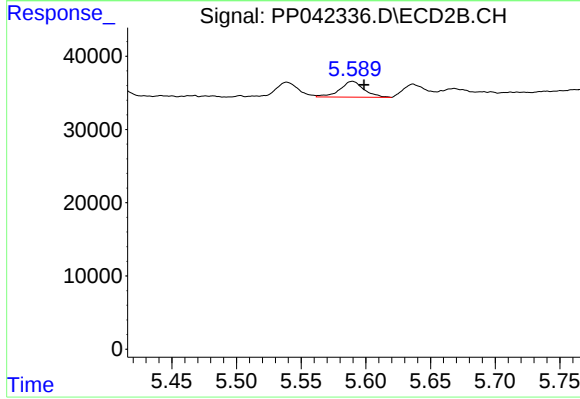
#5 AR-1016-3

R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 23925
Conc: 34.07 ng/ml



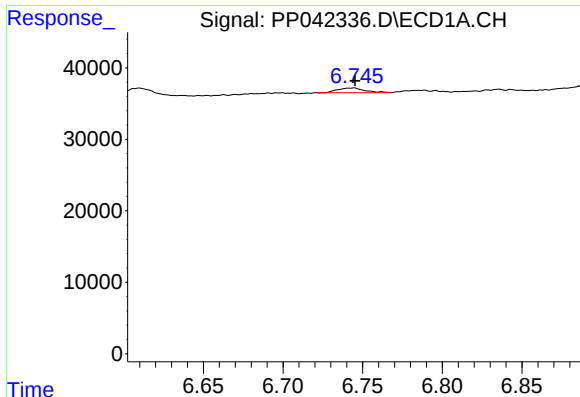
#6 AR-1016-4

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 18384
Conc: 56.43 ng/ml



#6 AR-1016-4

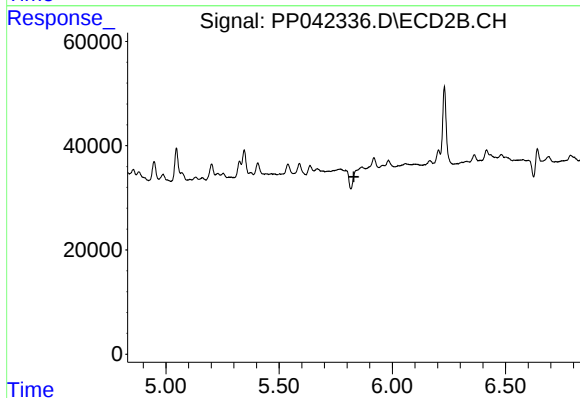
R.T.: 5.590 min
Delta R.T.: -0.009 min
Response: 28028
Conc: 51.61 ng/ml



#7 AR-1016-5

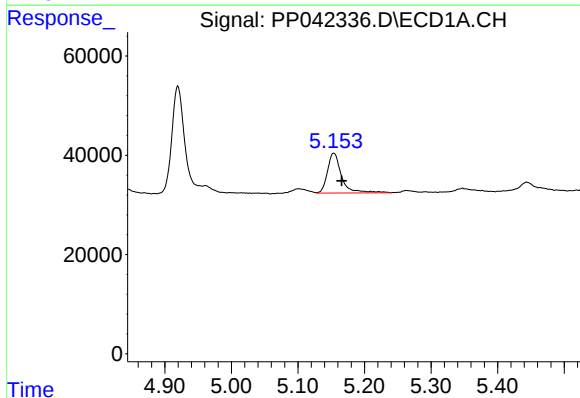
R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 7581
Conc: 22.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



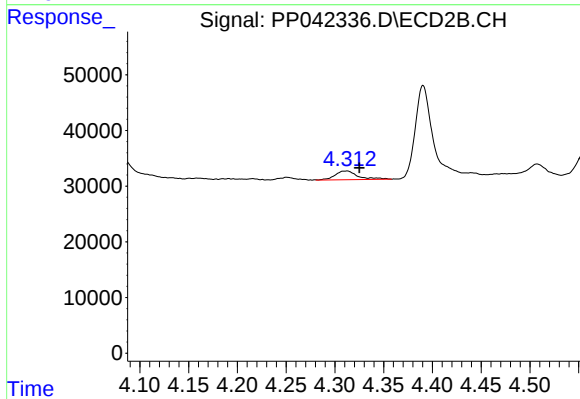
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.830 min
Response: 0
Conc: N.D.



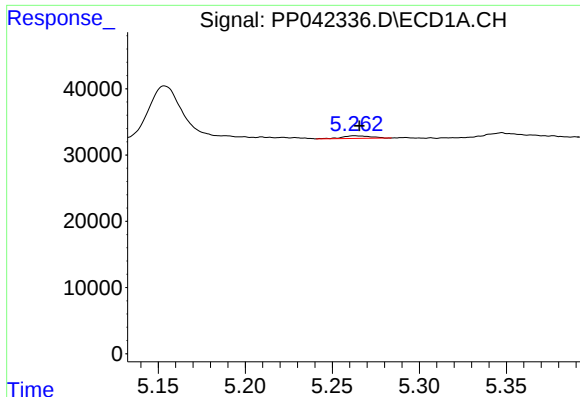
#8 AR-1221-1

R.T.: 5.154 min
Delta R.T.: -0.012 min
Response: 118114
Conc: 745.39 ng/ml



#8 AR-1221-1

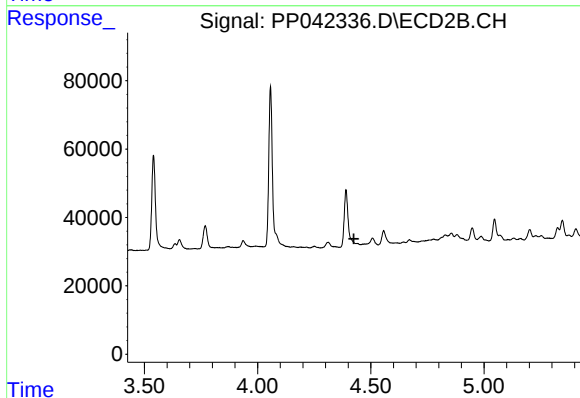
R.T.: 4.312 min
Delta R.T.: -0.013 min
Response: 25514
Conc: 98.52 ng/ml



#9 AR-1221-2

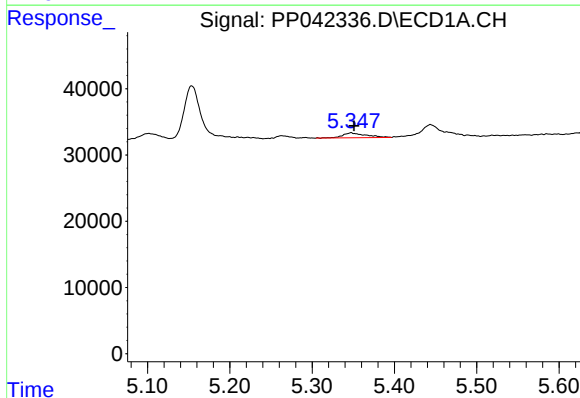
R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 4397
Conc: 38.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



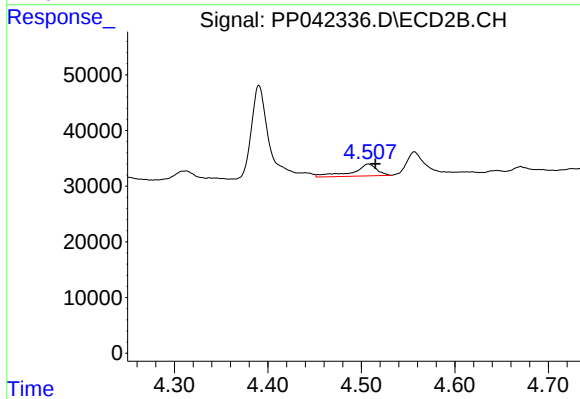
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.425 min
Response: 0
Conc: N.D.



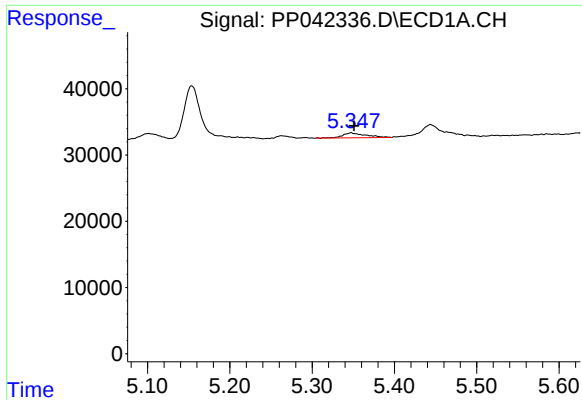
#10 AR-1221-3

R.T.: 5.347 min
Delta R.T.: -0.004 min
Response: 14545
Conc: 41.58 ng/ml



#10 AR-1221-3

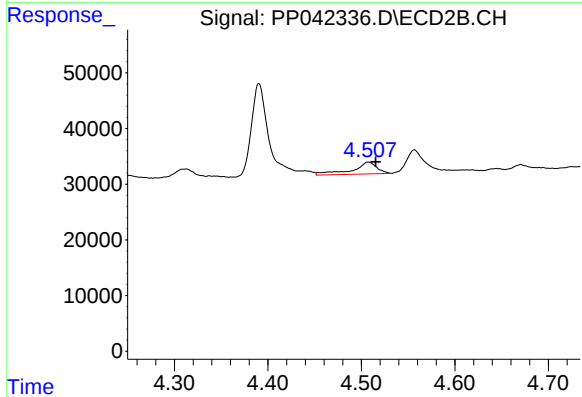
R.T.: 4.507 min
Delta R.T.: -0.008 min
Response: 39020
Conc: 56.10 ng/ml



#11 AR-1232-1

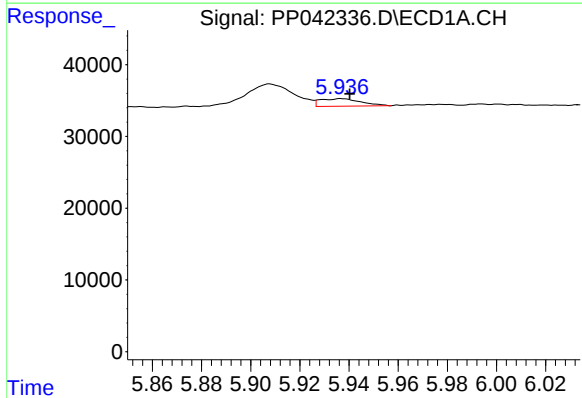
R.T.: 5.347 min
Delta R.T.: -0.004 min
Response: 14545
Conc: 50.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



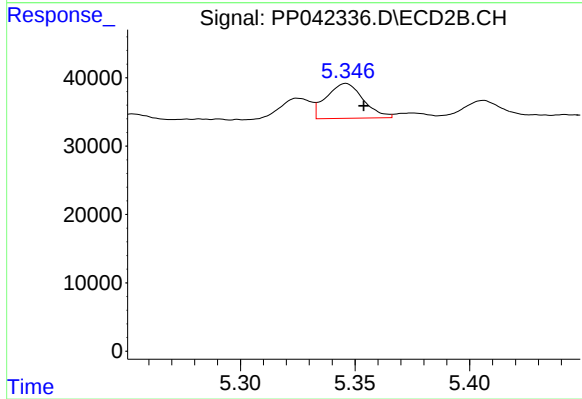
#11 AR-1232-1

R.T.: 4.507 min
Delta R.T.: -0.008 min
Response: 39020
Conc: 66.74 ng/ml



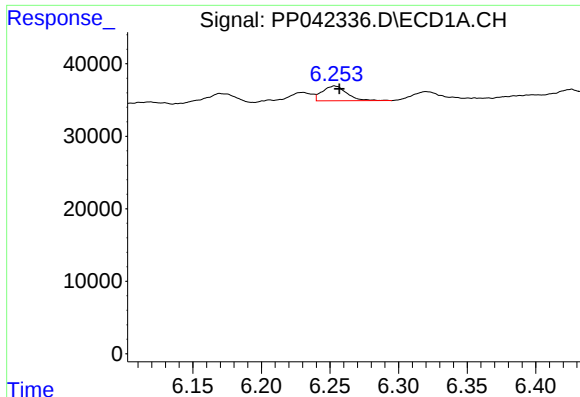
#12 AR-1232-2

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 12187
Conc: 82.21 ng/ml



#12 AR-1232-2

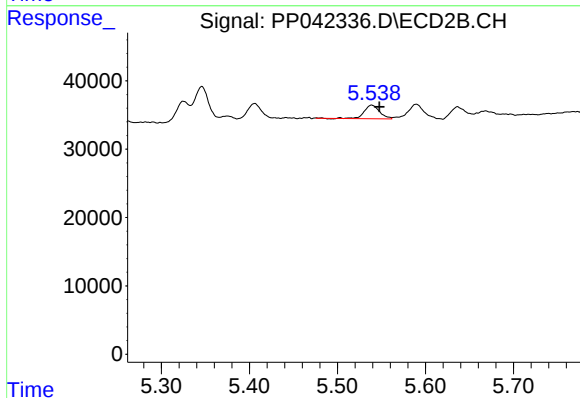
R.T.: 5.346 min
Delta R.T.: -0.008 min
Response: 57367
Conc: 107.81 ng/ml



#13 AR-1232-3

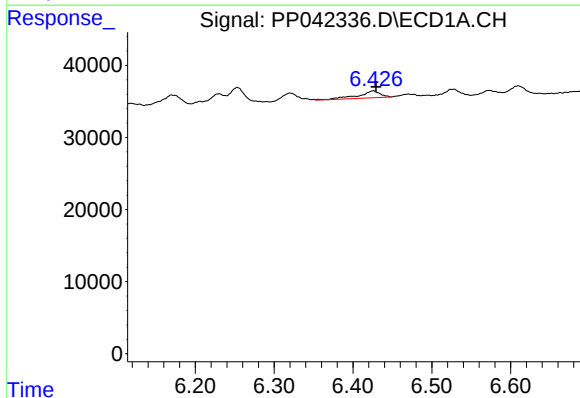
R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 25291
Conc: 96.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



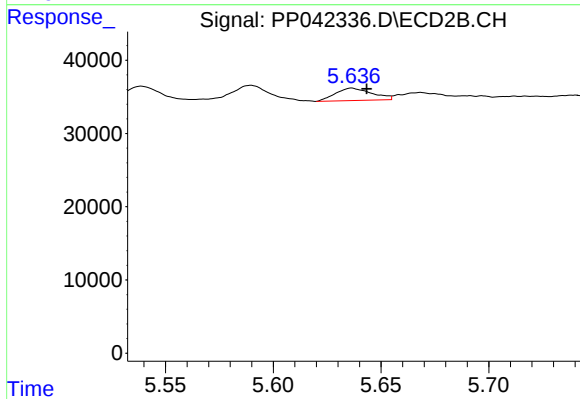
#13 AR-1232-3

R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 23925
Conc: 83.59 ng/ml



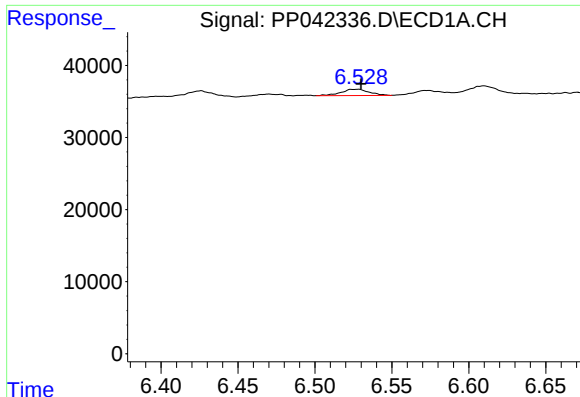
#14 AR-1232-4

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 18384
Conc: 140.26 ng/ml



#14 AR-1232-4

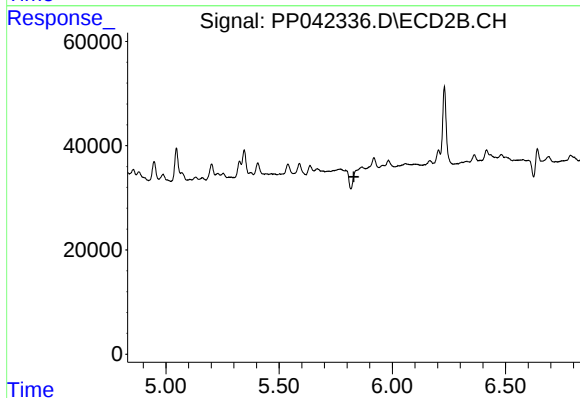
R.T.: 5.636 min
Delta R.T.: -0.007 min
Response: 19846
Conc: 82.28 ng/ml



#15 AR-1232-5

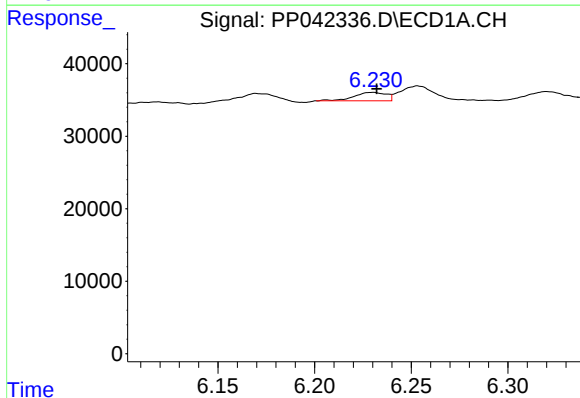
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 11226
Conc: 108.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



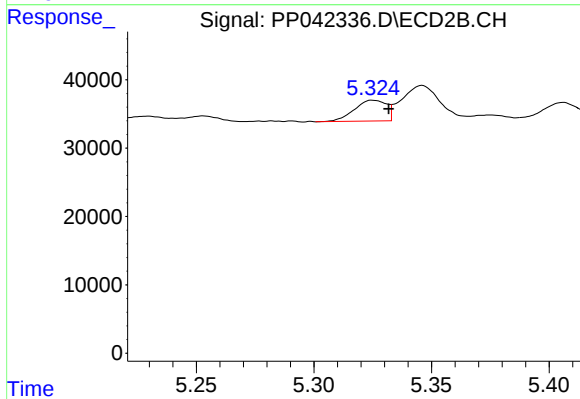
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.831 min
Response: 0
Conc: N.D.



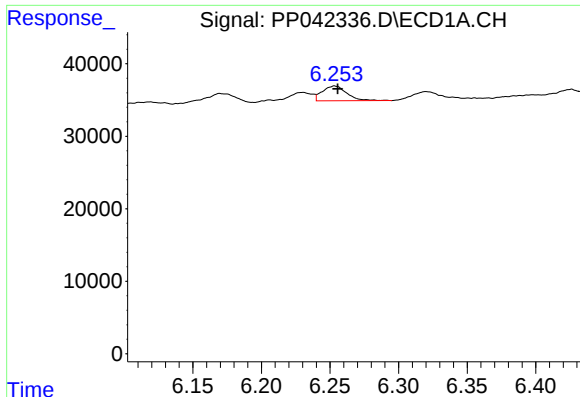
#16 AR-1242-1

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 13433
Conc: 41.20 ng/ml



#16 AR-1242-1

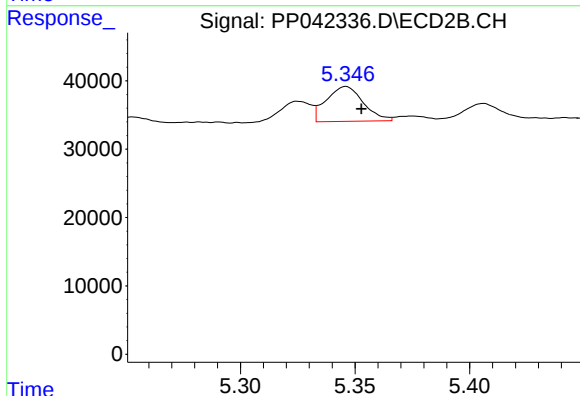
R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 28896
Conc: 42.44 ng/ml



#17 AR-1242-2

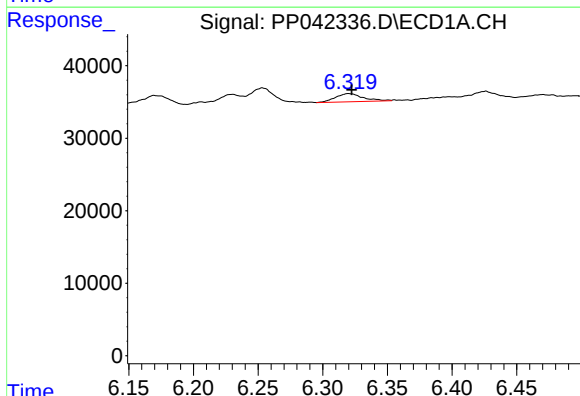
R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 25291
Conc: 52.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



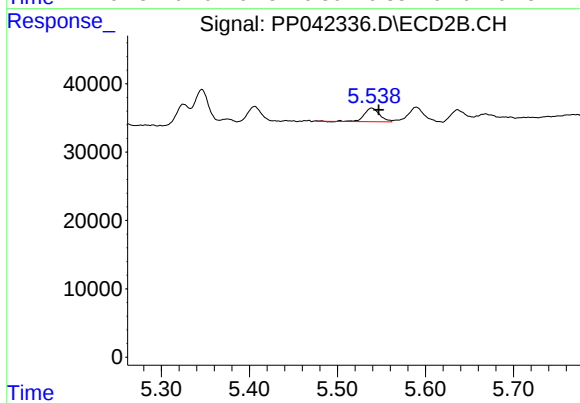
#17 AR-1242-2

R.T.: 5.346 min
Delta R.T.: -0.007 min
Response: 57367
Conc: 61.60 ng/ml



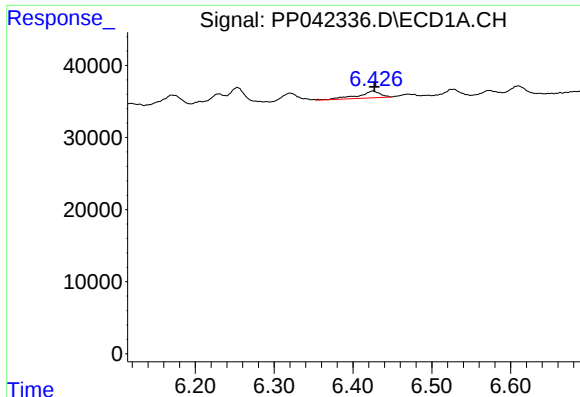
#18 AR-1242-3

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 16460
Conc: 54.96 ng/ml



#18 AR-1242-3

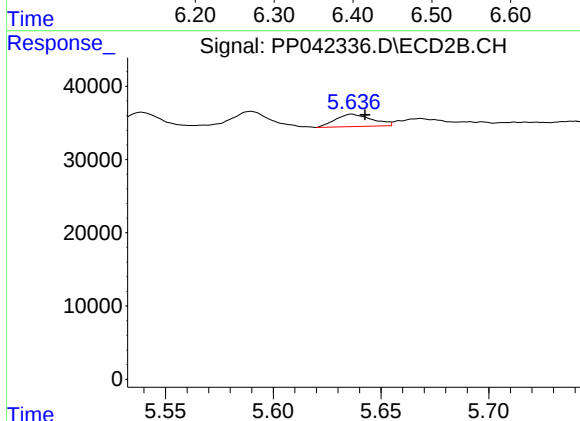
R.T.: 5.539 min
Delta R.T.: -0.008 min
Response: 23925
Conc: 45.27 ng/ml



#19 AR-1242-4

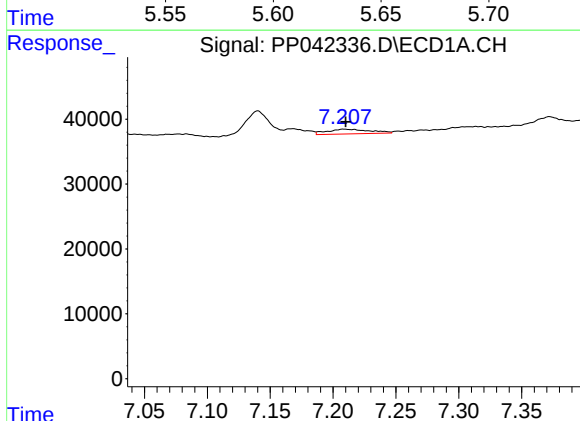
R.T.: 6.426 min
Delta R.T.: -0.002 min
Response: 18384
Conc: 75.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



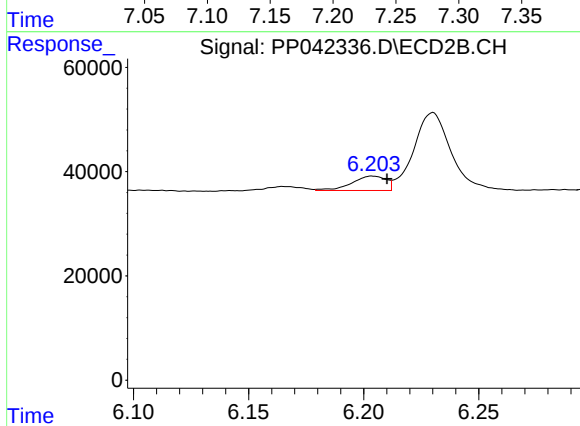
#19 AR-1242-4

R.T.: 5.636 min
Delta R.T.: -0.006 min
Response: 19846
Conc: 39.22 ng/ml



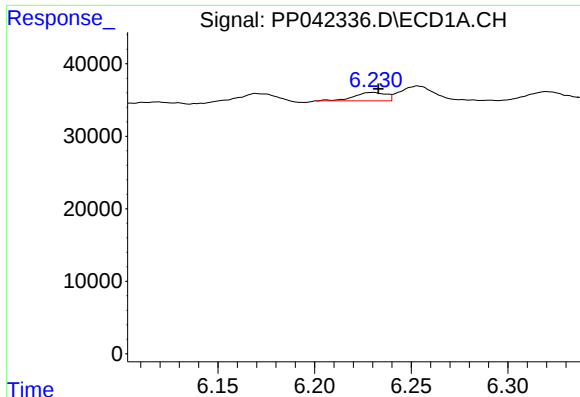
#20 AR-1242-5

R.T.: 7.209 min
Delta R.T.: -0.002 min
Response: 17389
Conc: 66.86 ng/ml



#20 AR-1242-5

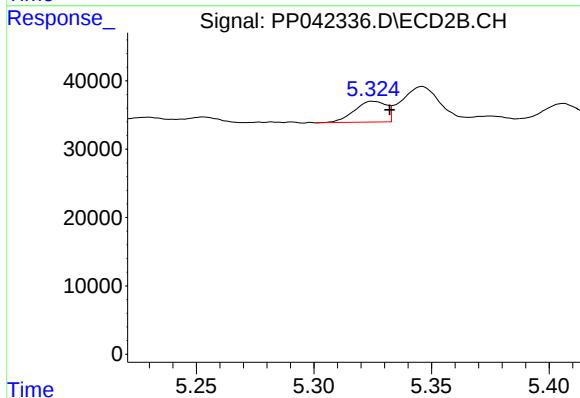
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 28496
Conc: 48.07 ng/ml



#21 AR-1248-1

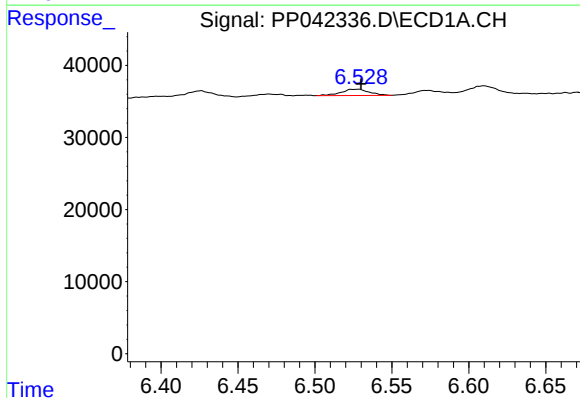
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 13433
Conc: 53.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



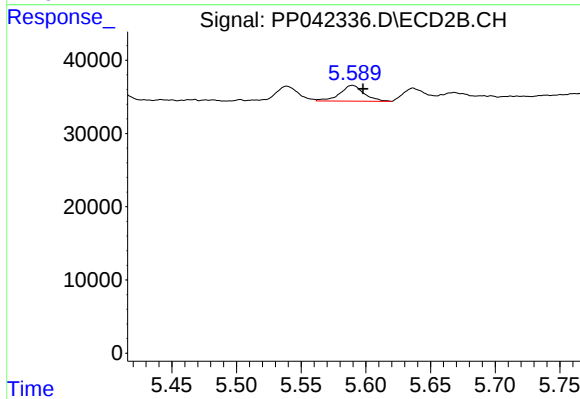
#21 AR-1248-1

R.T.: 5.325 min
Delta R.T.: -0.007 min
Response: 28896
Conc: 55.62 ng/ml



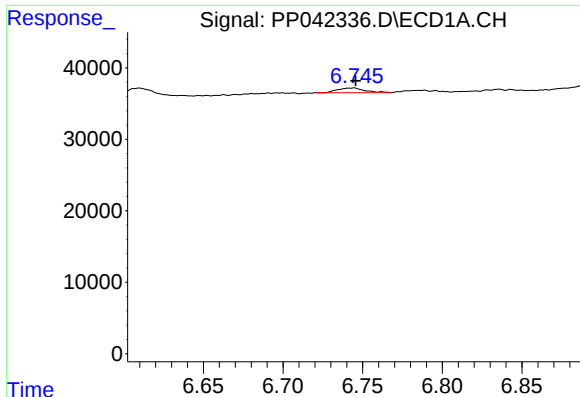
#22 AR-1248-2

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 11226
Conc: 31.78 ng/ml



#22 AR-1248-2

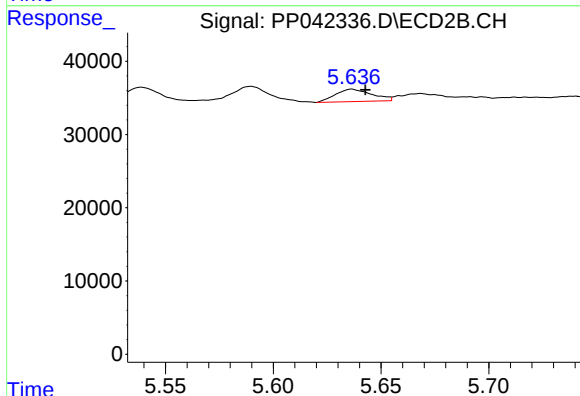
R.T.: 5.590 min
Delta R.T.: -0.008 min
Response: 28028
Conc: 39.80 ng/ml



#23 AR-1248-3

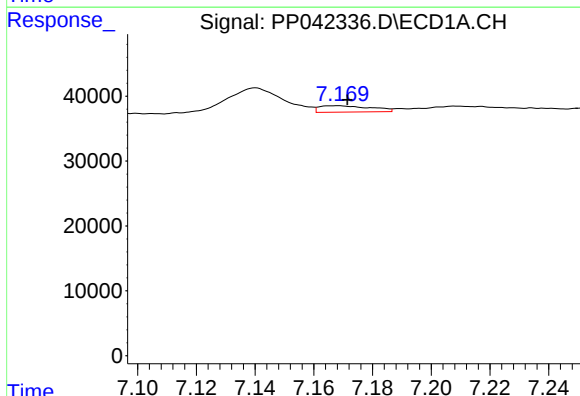
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 7581
Conc: 18.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



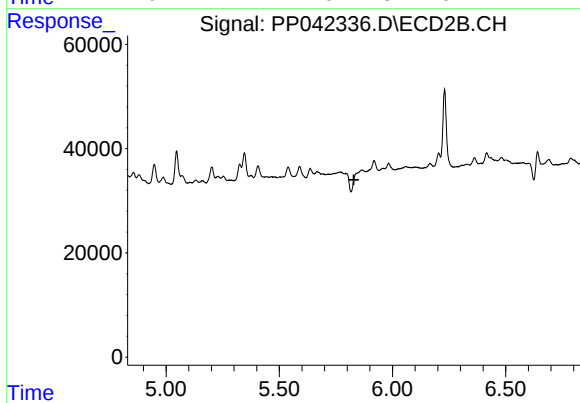
#23 AR-1248-3

R.T.: 5.636 min
Delta R.T.: -0.006 min
Response: 19846
Conc: 26.75 ng/ml



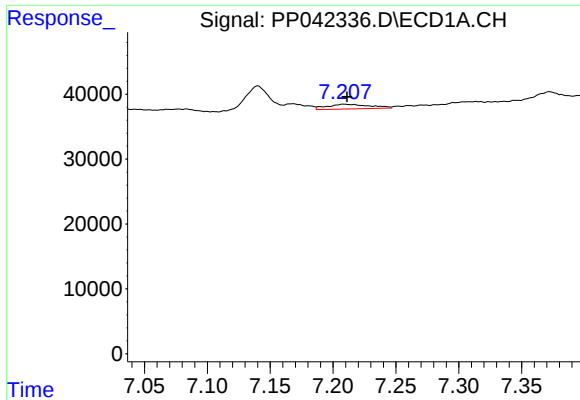
#24 AR-1248-4

R.T.: 7.168 min
Delta R.T.: -0.004 min
Response: 12076
Conc: 26.63 ng/ml



#24 AR-1248-4

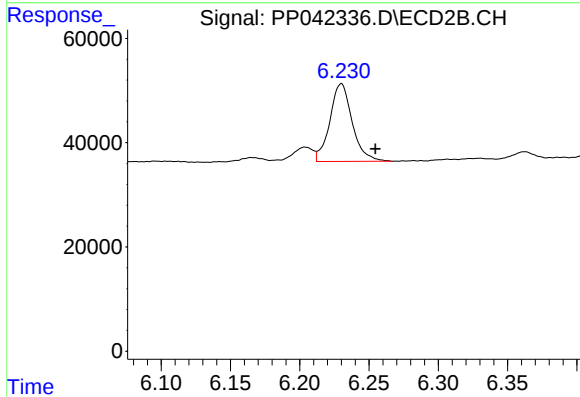
R.T.: 0.000 min
Exp R.T. : 5.830 min
Response: 0
Conc: N.D.



#25 AR-1248-5

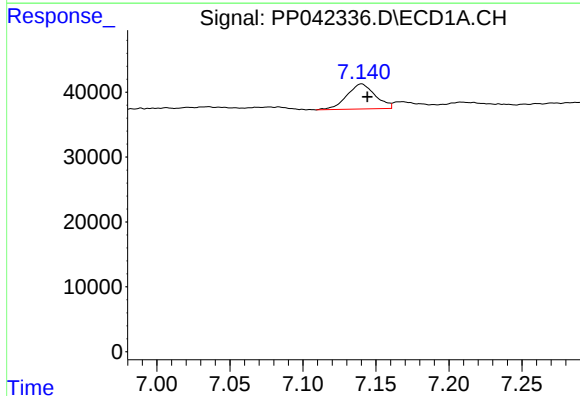
R.T.: 7.209 min
Delta R.T.: -0.002 min
Response: 17389
Conc: 39.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



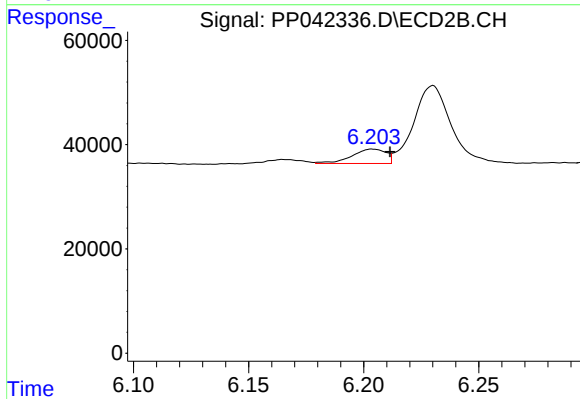
#25 AR-1248-5

R.T.: 6.230 min
Delta R.T.: -0.024 min
Response: 167790
Conc: 202.57 ng/ml



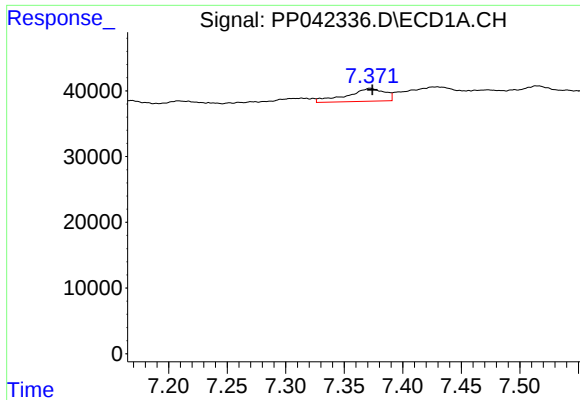
#26 AR-1254-1

R.T.: 7.140 min
Delta R.T.: -0.004 min
Response: 52266
Conc: 104.84 ng/ml



#26 AR-1254-1

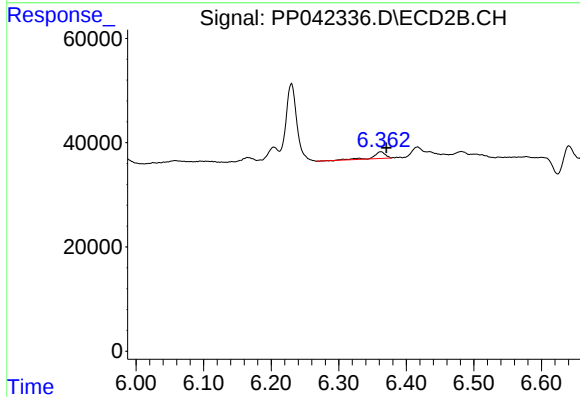
R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 28496
Conc: 22.78 ng/ml



#27 AR-1254-2

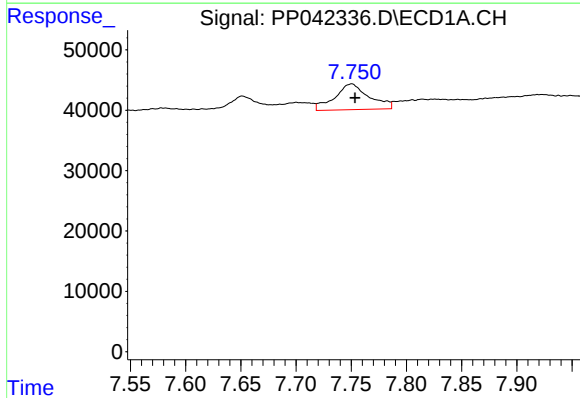
R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 44373
Conc: 57.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



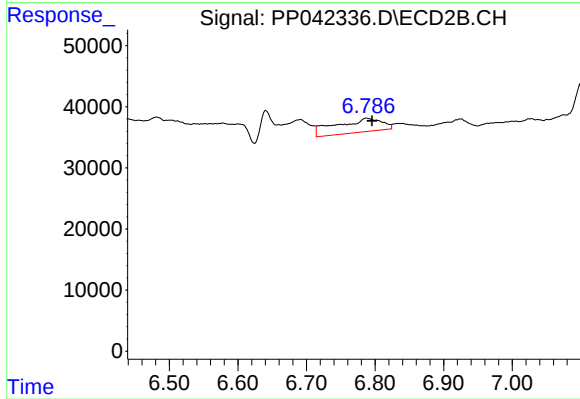
#27 AR-1254-2

R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 15950
Conc: 14.66 ng/ml



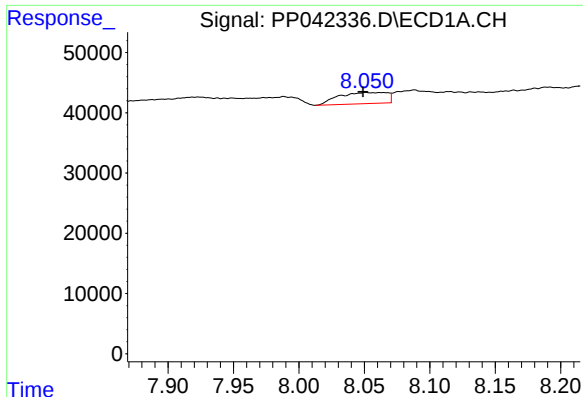
#28 AR-1254-3

R.T.: 7.750 min
Delta R.T.: -0.003 min
Response: 92977
Conc: 120.50 ng/ml



#28 AR-1254-3

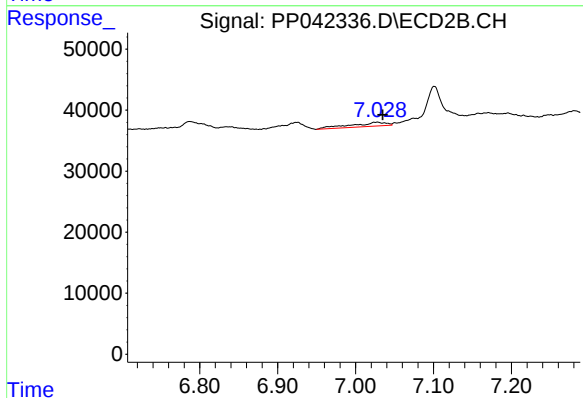
R.T.: 6.787 min
Delta R.T.: -0.008 min
Response: 104025
Conc: 62.61 ng/ml



#29 AR-1254-4

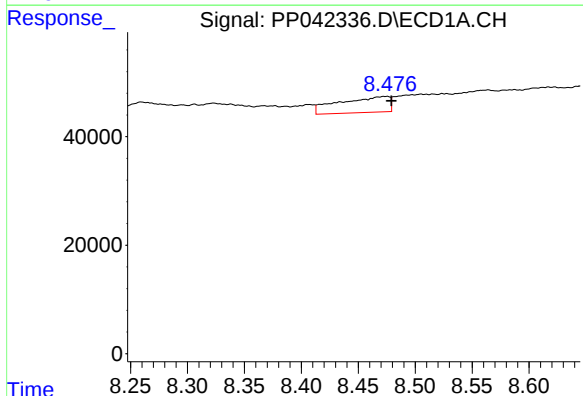
R.T.: 8.051 min
Delta R.T.: 0.002 min
Response: 47467
Conc: 85.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



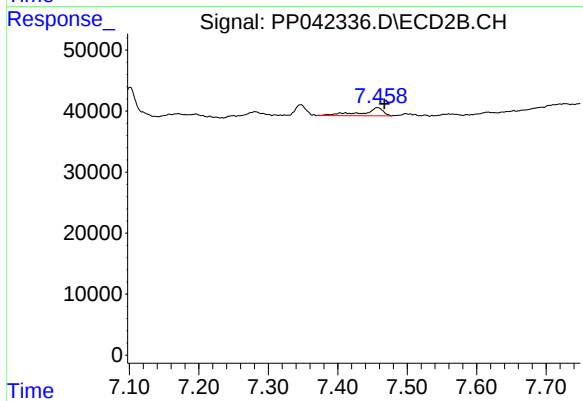
#29 AR-1254-4

R.T.: 7.028 min
Delta R.T.: -0.007 min
Response: 20538
Conc: 21.05 ng/ml



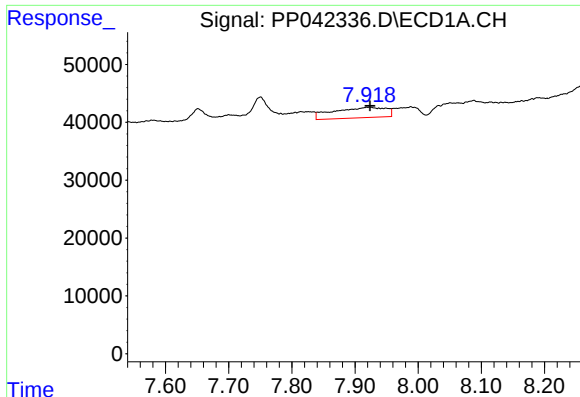
#30 AR-1254-5

R.T.: 8.474 min
Delta R.T.: -0.005 min
Response: 89693
Conc: 143.24 ng/ml



#30 AR-1254-5

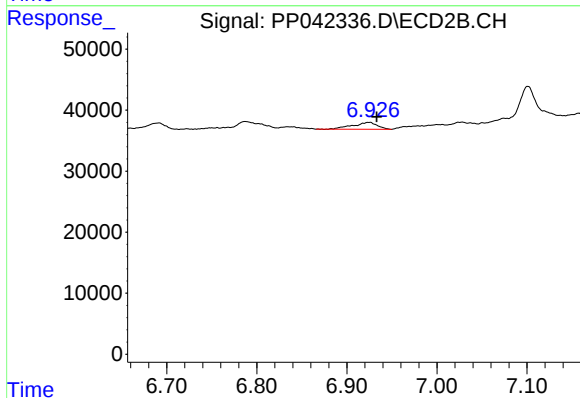
R.T.: 7.457 min
Delta R.T.: -0.010 min
Response: 29015
Conc: 22.64 ng/ml



#31 AR-1260-1

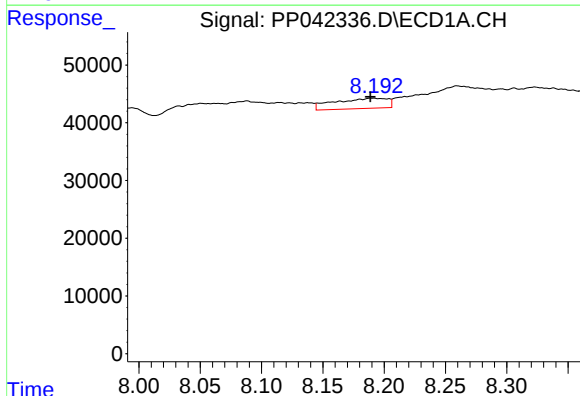
R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 103838
Conc: 175.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



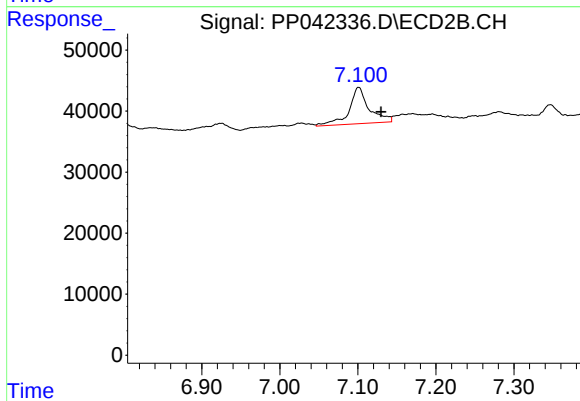
#31 AR-1260-1

R.T.: 6.925 min
Delta R.T.: -0.008 min
Response: 21706
Conc: 20.42 ng/ml



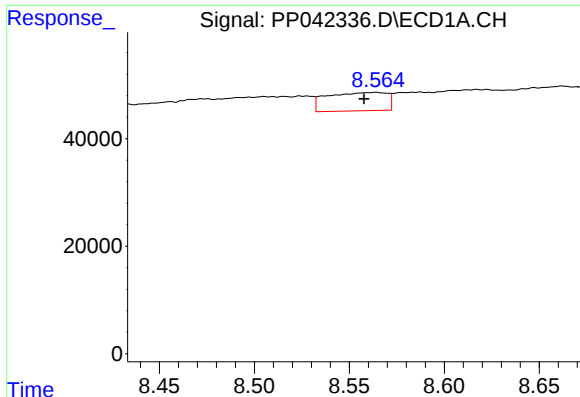
#32 AR-1260-2

R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 53414
Conc: 69.18 ng/ml



#32 AR-1260-2

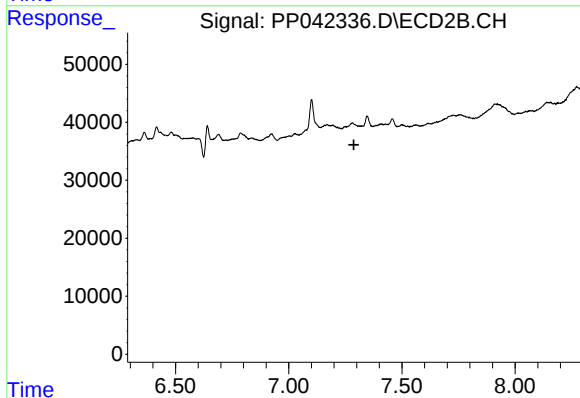
R.T.: 7.101 min
Delta R.T.: -0.029 min
Response: 106010
Conc: 85.87 ng/ml



#33 AR-1260-3

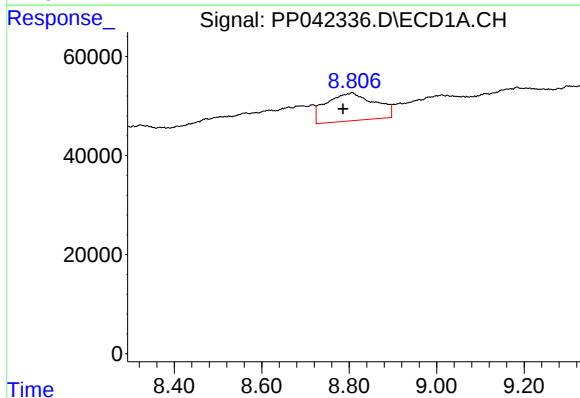
R.T.: 8.564 min
Delta R.T.: 0.006 min
Response: 75198
Conc: 145.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



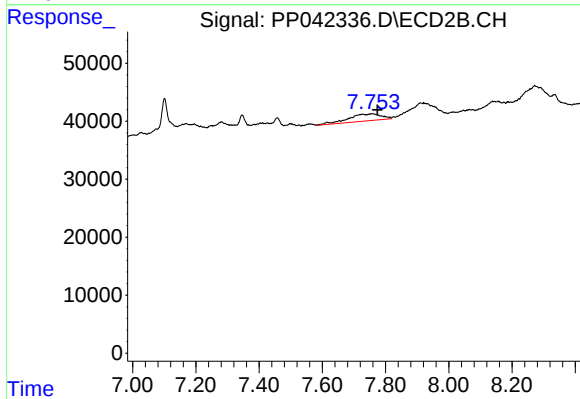
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.288 min
Response: 0
Conc: N.D.



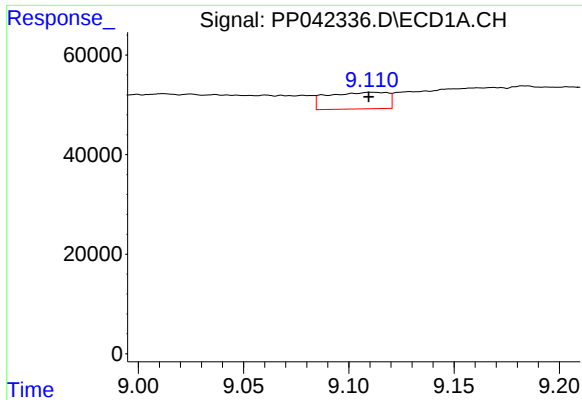
#34 AR-1260-4

R.T.: 8.807 min
Delta R.T.: 0.021 min
Response: 433582
Conc: 748.82 ng/ml



#34 AR-1260-4

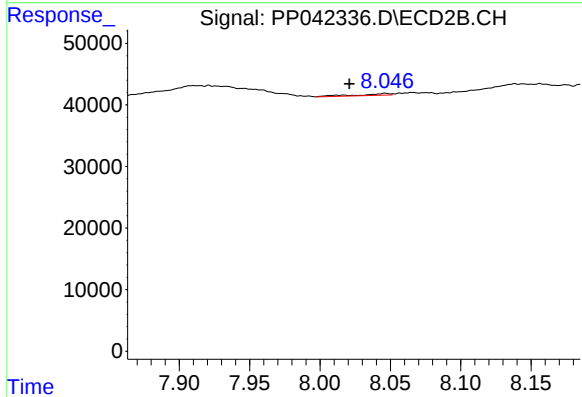
R.T.: 7.757 min
Delta R.T.: -0.017 min
Response: 88726
Conc: 99.36 ng/ml



#35 AR-1260-5

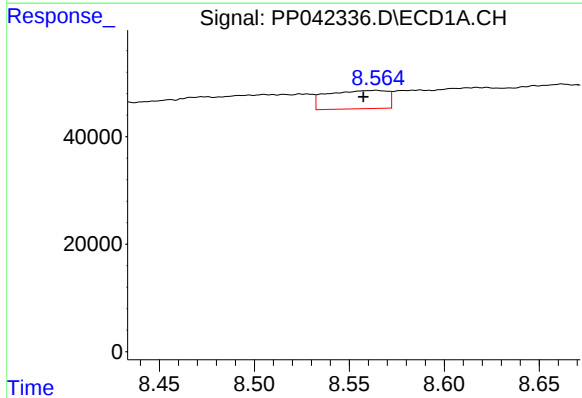
R.T.: 9.111 min
Delta R.T.: 0.001 min
Response: 66497
Conc: 56.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



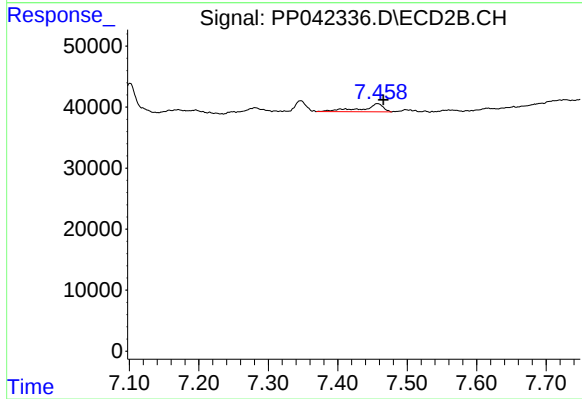
#35 AR-1260-5

R.T.: 8.047 min
Delta R.T.: 0.026 min
Response: 4755
Conc: 2.47 ng/ml



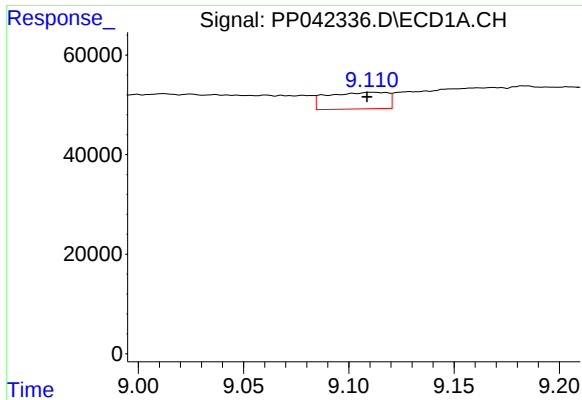
#36 AR-1262-1

R.T.: 8.564 min
Delta R.T.: 0.007 min
Response: 75198
Conc: 97.99 ng/ml



#36 AR-1262-1

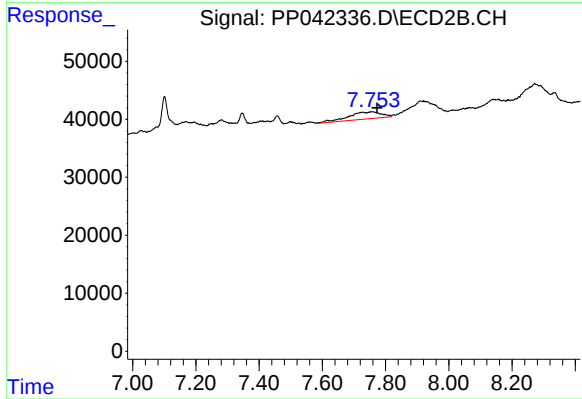
R.T.: 7.457 min
Delta R.T.: -0.008 min
Response: 29015
Conc: 43.61 ng/ml



#37 AR-1262-2

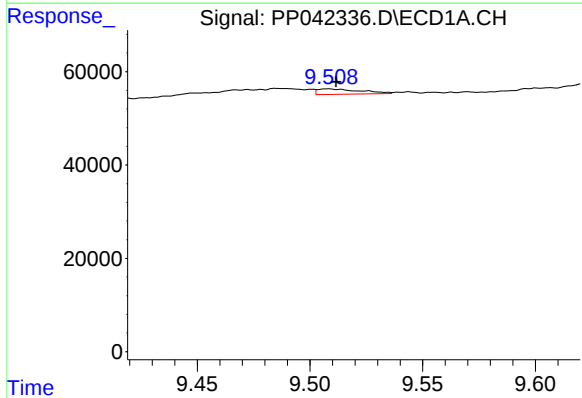
R.T.: 9.111 min
Delta R.T.: 0.002 min
Response: 66497
Conc: 54.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



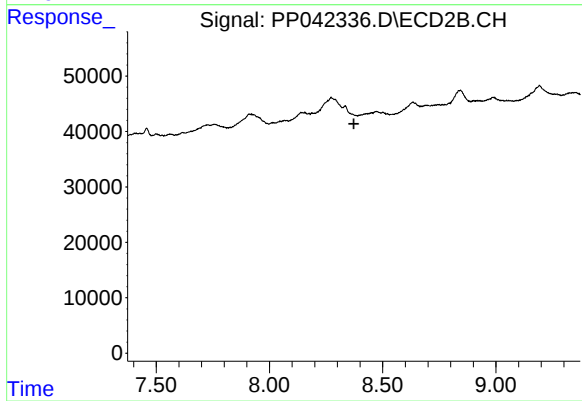
#37 AR-1262-2

R.T.: 7.757 min
Delta R.T.: -0.016 min
Response: 88726
Conc: 81.80 ng/ml



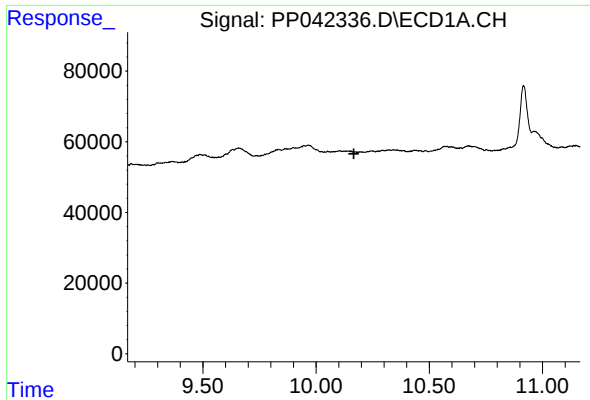
#39 AR-1262-4

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 15126
Conc: 41.04 ng/ml



#39 AR-1262-4

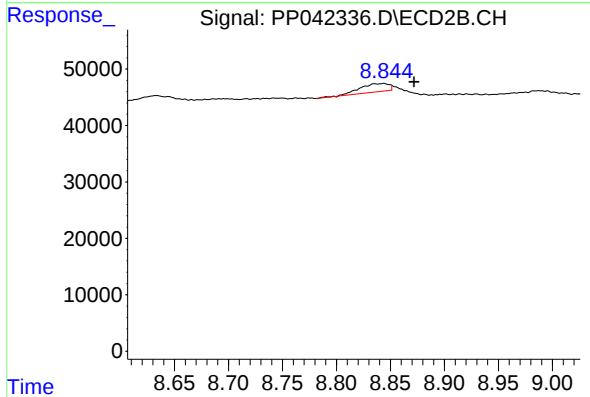
R.T.: 0.000 min
Exp R.T.: 8.373 min
Response: 0
Conc: N.D.



#40 AR-1262-5

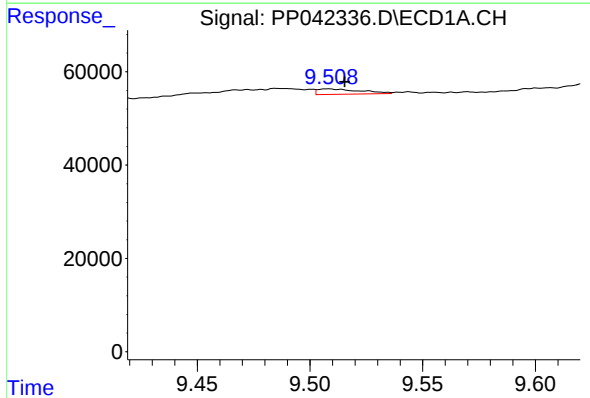
R.T.: 0.000 min
Exp R.T.: 10.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



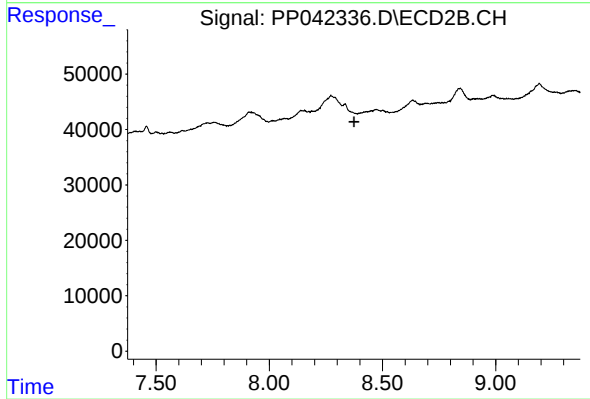
#40 AR-1262-5

R.T.: 8.844 min
Delta R.T.: -0.028 min
Response: 28483
Conc: 39.83 ng/ml



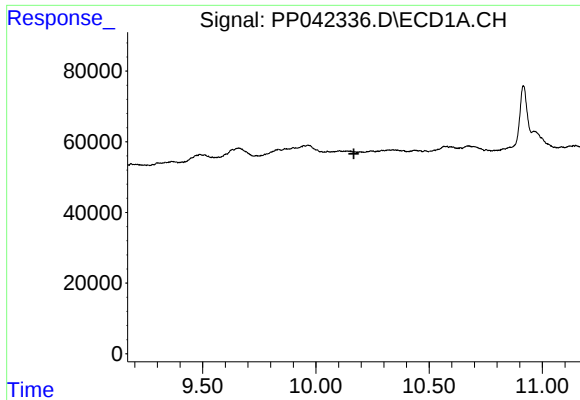
#42 AR-1268-2

R.T.: 9.508 min
Delta R.T.: -0.007 min
Response: 15126
Conc: 10.66 ng/ml



#42 AR-1268-2

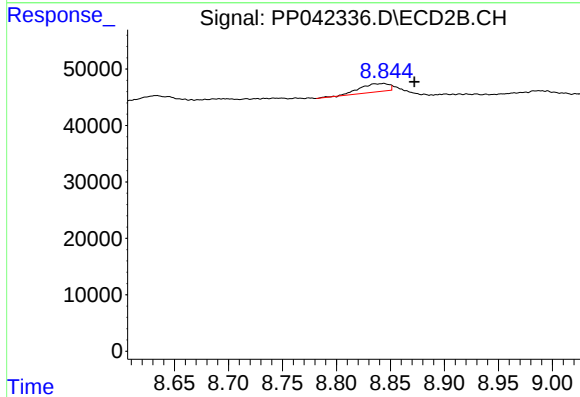
R.T.: 0.000 min
Exp R.T.: 8.374 min
Response: 0
Conc: N.D.



#44 AR-1268-4

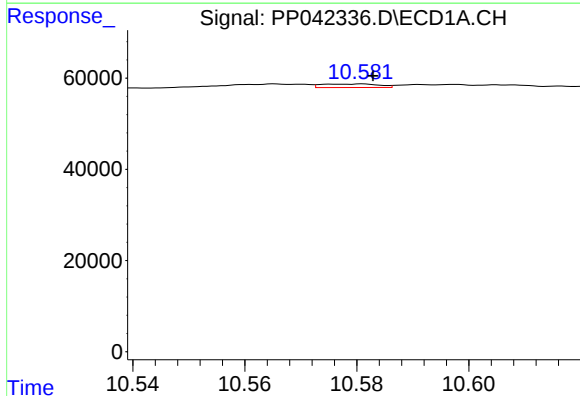
R.T.: 0.000 min
Exp R.T.: 10.168 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



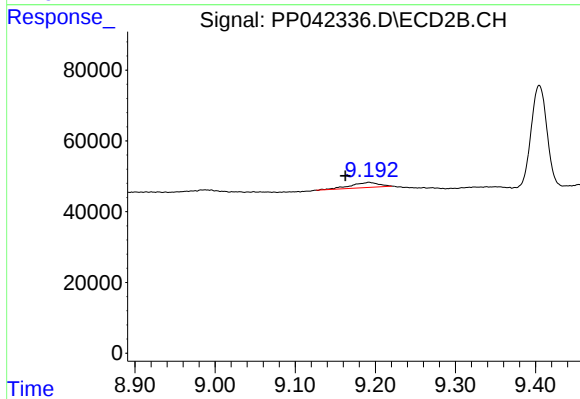
#44 AR-1268-4

R.T.: 8.844 min
Delta R.T.: -0.028 min
Response: 28483
Conc: 36.02 ng/ml



#45 AR-1268-5

R.T.: 10.581 min
Delta R.T.: -0.002 min
Response: 5449
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 9.192 min
Delta R.T.: 0.029 min
Response: 35992
Conc: 6.31 ng/ml