

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102821\
 Data File : PP040507.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2021 14:05
 Operator : AJ\MA
 Sample : M4308-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 15:02:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 28 08:58:45 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...	4.750	3.772	959069	554294	23.547	20.347
2)	SA Decachlor...	10.682	9.057	559142	503561	18.456	17.949
Target Compounds							
3)	L1 AR-1016-1	6.073	5.022	10085	6819	7.872	6.910
4)	L1 AR-1016-2	6.094	5.041	16168	10830	8.083	7.437
5)	L1 AR-1016-3	0.000	5.233	0	6164	N.D.	7.694 #
6)	L1 AR-1016-4	0.000	5.287	0	35953	N.D.	54.160 #
7)	L1 AR-1016-5	6.582	5.514	35317	23568	36.425	31.986
9)	L2 AR-1221-2	5.100	4.122	12945	8142	38.137	31.219
12)	L3 AR-1232-2	0.000	5.041	0	10830	N.D.	18.108 #
13)	L3 AR-1232-3	6.094	5.233	16168	6164	19.625	19.839
14)	L3 AR-1232-4	0.000	5.330	0	11986	N.D.	46.775 #
15)	L3 AR-1232-5	6.366	5.514	52221	23568	196.360	87.628 #
16)	L4 AR-1242-1	6.073	5.022	10085	6819	10.421	9.394
17)	L4 AR-1242-2	6.094	5.041	16168	10830	10.761	10.207
18)	L4 AR-1242-3	0.000	5.233	0	6164	N.D.	10.598 #
19)	L4 AR-1242-4	0.000	5.330	0	11986	N.D.	23.365 #
20)	L4 AR-1242-5	7.052	5.895	45583	96561	57.571	142.282 #
21)	L5 AR-1248-1	6.073	5.022	10085	6819	13.500	13.033
22)	L5 AR-1248-2	6.366	5.287	52221	35953	50.444	45.112
23)	L5 AR-1248-3	6.582	5.330	35317	11986	27.450	16.137 #
24)	L5 AR-1248-4	7.012	5.514	56408	23568	38.381	28.204 #
25)	L5 AR-1248-5	7.052	5.938	45583	17226	31.874	17.523 #
26)	L6 AR-1254-1	6.981	5.895	120484	96561	81.667	68.400
27)	L6 AR-1254-2	7.212	6.056	187152	92420	83.140	74.369
28)	L6 AR-1254-3	7.593	6.476	213555	149014	88.614	78.303
29)	L6 AR-1254-4	7.891	6.717	122787	86302	71.489	74.630
30)	L6 AR-1254-5	8.319	7.149	159859	244582	87.877	141.413 #
31)	L7 AR-1260-1	7.760	6.614	88010	92501	56.396	64.706
32)	L7 AR-1260-2	8.027	6.813	158029	84184	85.748	50.292 #
33)	L7 AR-1260-3	0.000	6.965	0	62419	N.D.	39.472 #
34)	L7 AR-1260-4	8.616	7.451	67331	11874	42.644	8.785 #
35)	L7 AR-1260-5	8.940	7.702	36967	29923	12.542	9.966
36)	L8 AR-1262-1	0.000	7.217f	0	10514	N.D.	6.066 #
37)	L8 AR-1262-2	8.940	7.702	36967	29923	10.320	9.942
38)	L8 AR-1262-3	9.259f	7.992	31431	6999	17.915	5.463 #
39)	L8 AR-1262-4	0.000	8.051	0	26245	N.D.	11.225 #
40)	L8 AR-1262-5	0.000	8.554	0	5263	N.D.	4.617 #
41)	L9 AR-1268-1	9.259f	7.992	31431	6999	7.611	1.980 #
42)	L9 AR-1268-2	0.000	8.051	0	26245	N.D.	7.788 #
44)	L9 AR-1268-4	0.000	8.554	0	5263	N.D.	4.334 #
45)	L9 AR-1268-5	0.000	8.826	0	6934	N.D.	0.772 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102621.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 28 08:58:45 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

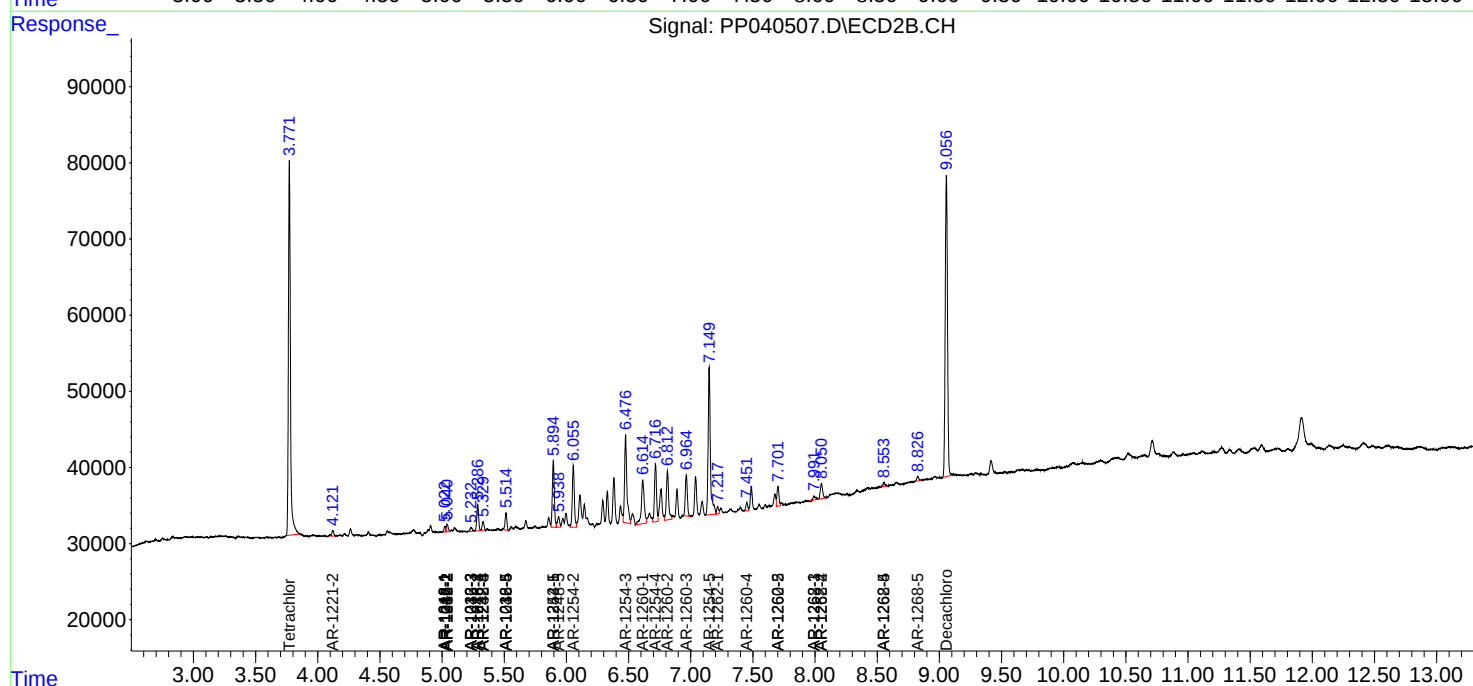
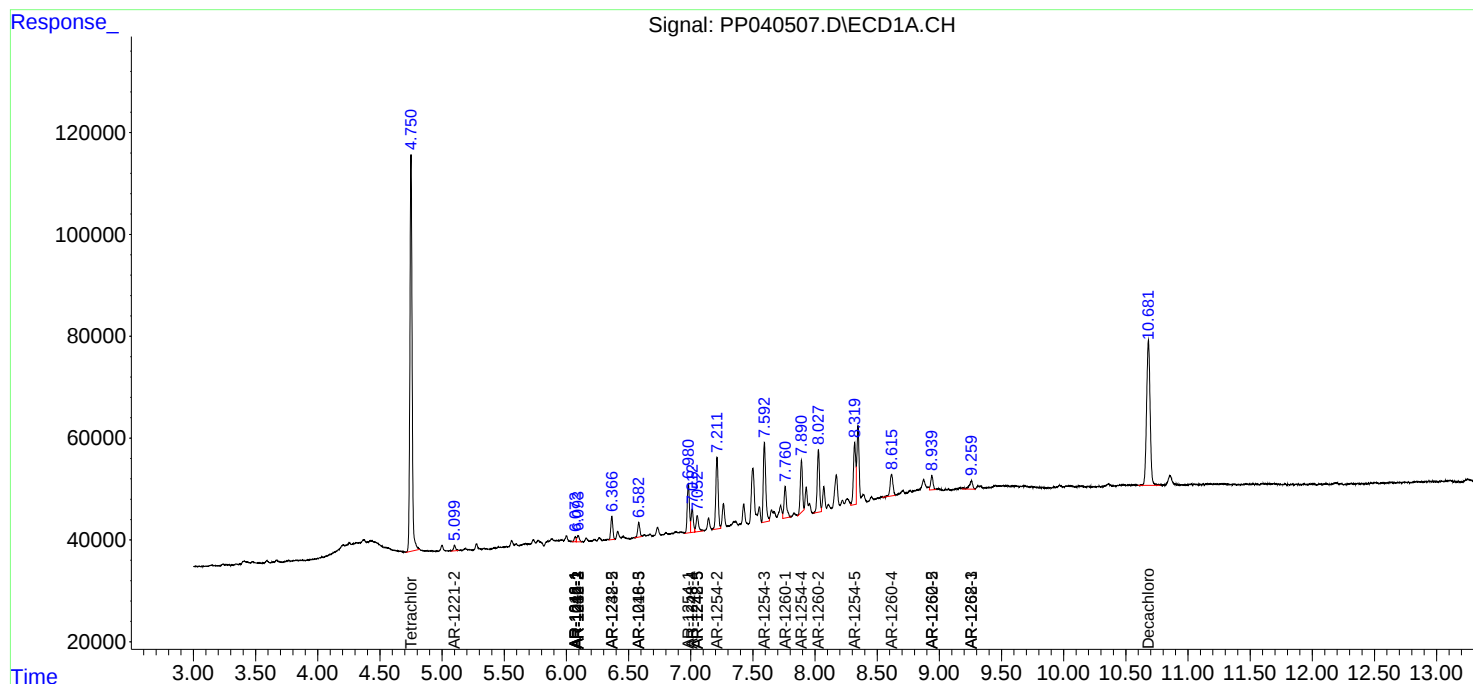
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

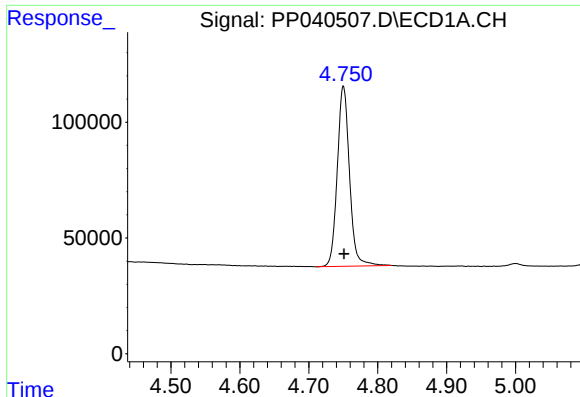
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102821\
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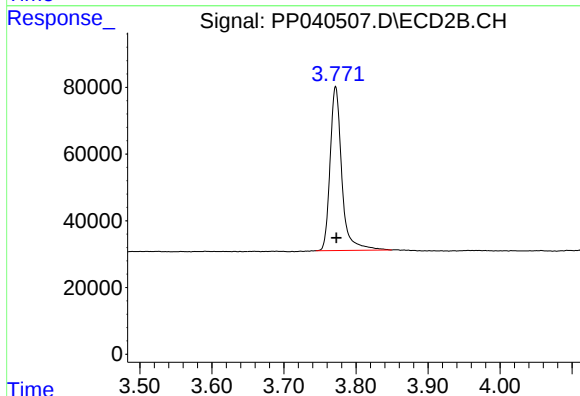




#1 Tetrachloro-m-xylene

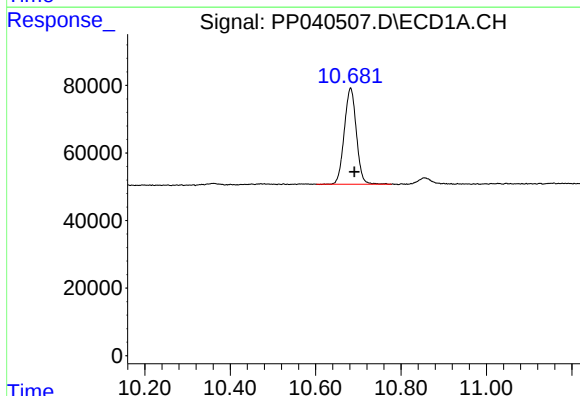
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 959069
Conc: 23.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



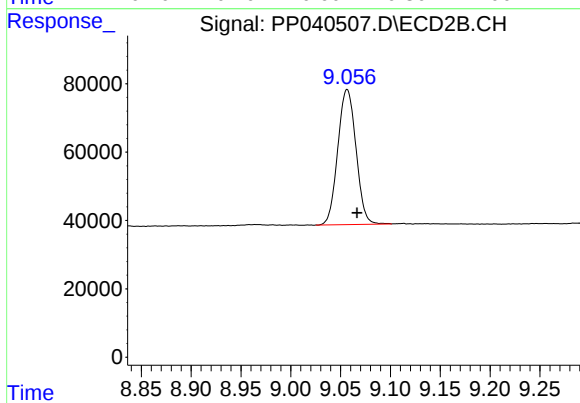
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 554294
Conc: 20.35 ng/ml



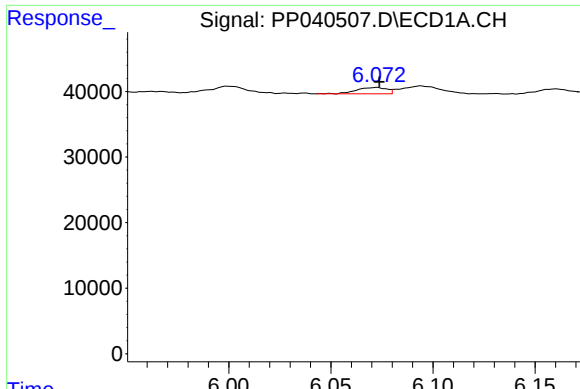
#2 Decachlorobiphenyl

R.T.: 10.682 min
Delta R.T.: -0.009 min
Response: 559142
Conc: 18.46 ng/ml



#2 Decachlorobiphenyl

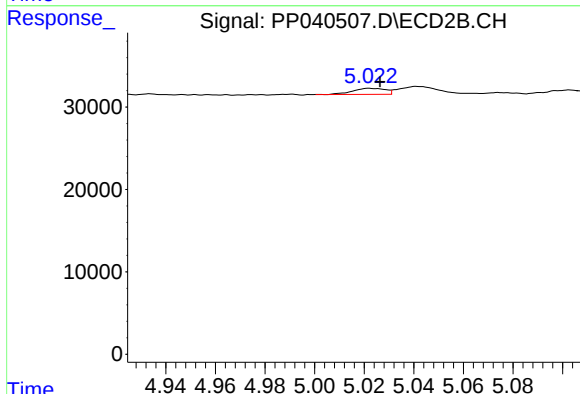
R.T.: 9.057 min
Delta R.T.: -0.010 min
Response: 503561
Conc: 17.95 ng/ml



#3 AR-1016-1

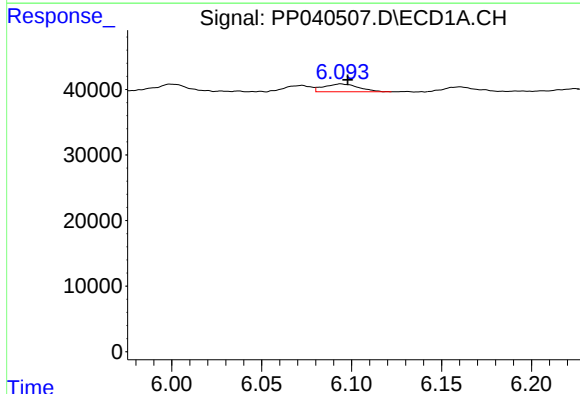
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 10085
Conc: 7.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



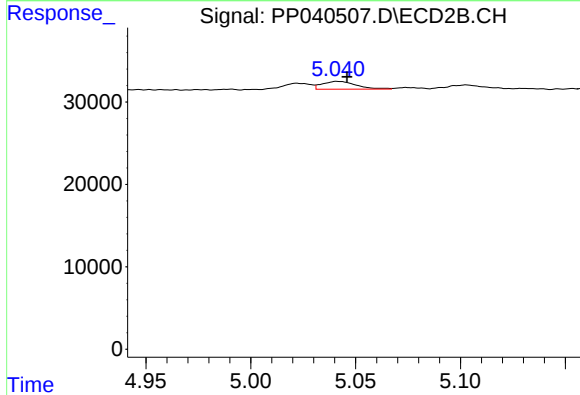
#3 AR-1016-1

R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 6819
Conc: 6.91 ng/ml



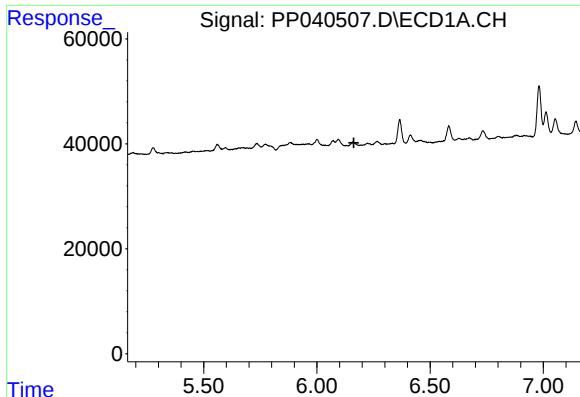
#4 AR-1016-2

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 16168
Conc: 8.08 ng/ml



#4 AR-1016-2

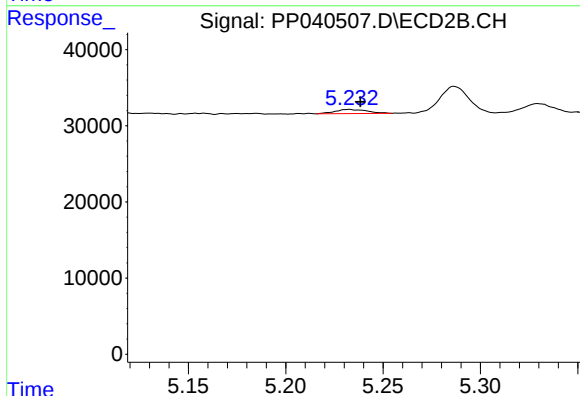
R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 10830
Conc: 7.44 ng/ml



#5 AR-1016-3

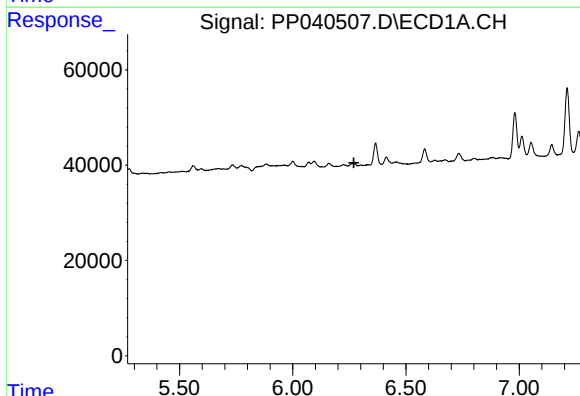
R.T.: 0.000 min
Exp R.T.: 6.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



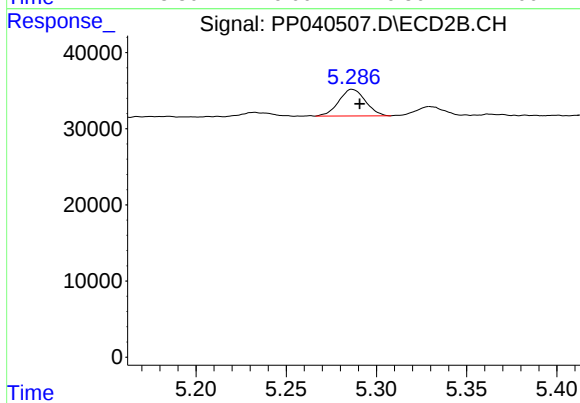
#5 AR-1016-3

R.T.: 5.233 min
Delta R.T.: -0.006 min
Response: 6164
Conc: 7.69 ng/ml



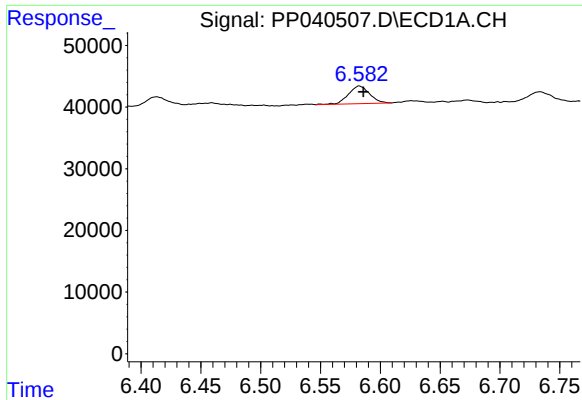
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.270 min
Response: 0
Conc: N.D.



#6 AR-1016-4

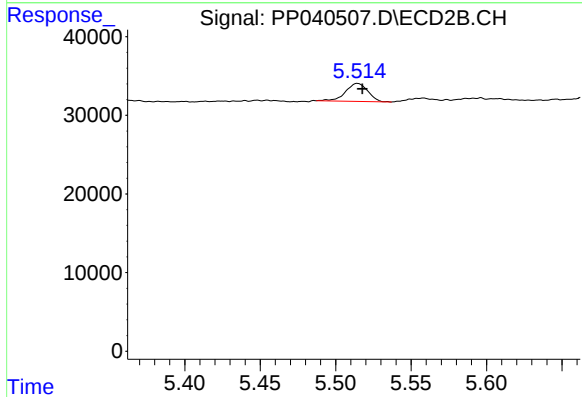
R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 35953
Conc: 54.16 ng/ml



#7 AR-1016-5

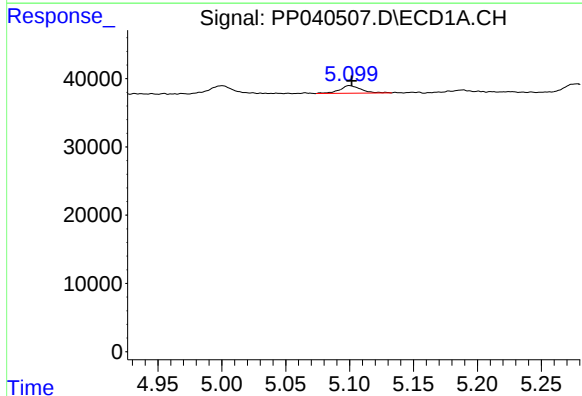
R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 35317
Conc: 36.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



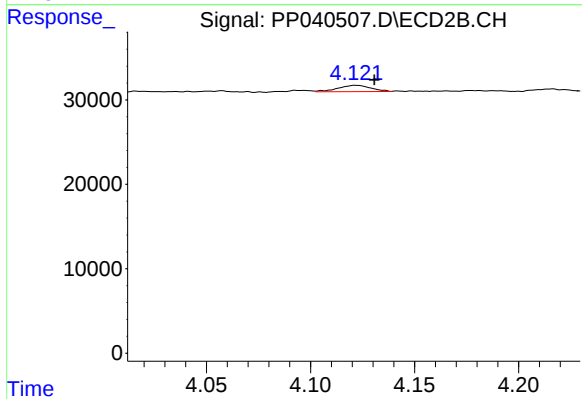
#7 AR-1016-5

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 23568
Conc: 31.99 ng/ml



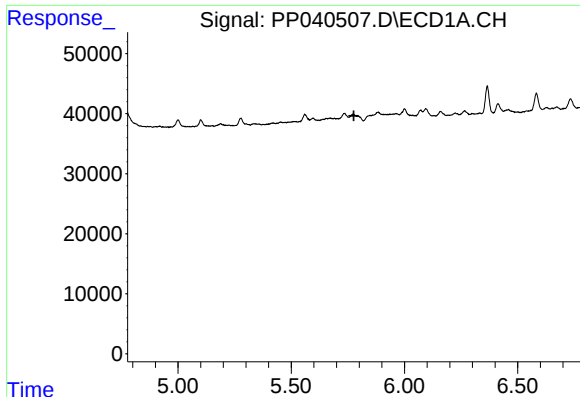
#9 AR-1221-2

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 12945
Conc: 38.14 ng/ml



#9 AR-1221-2

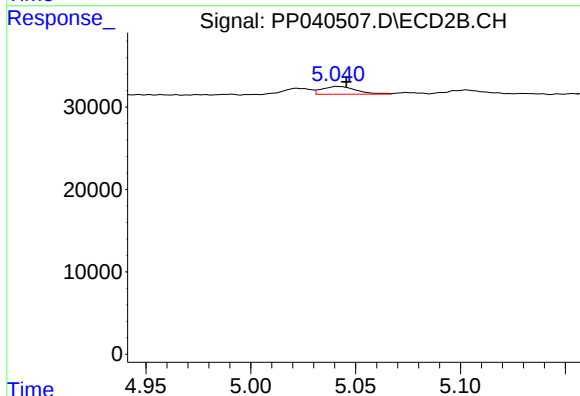
R.T.: 4.122 min
Delta R.T.: -0.009 min
Response: 8142
Conc: 31.22 ng/ml



#12 AR-1232-2

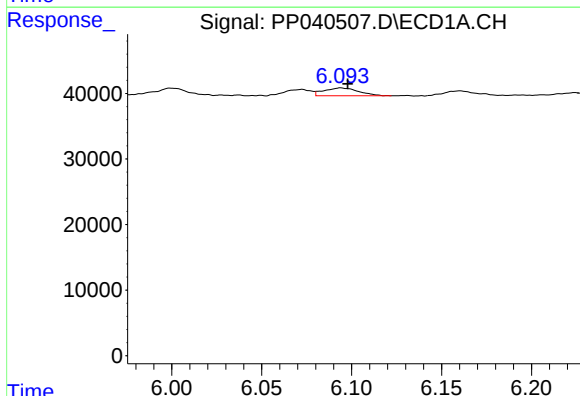
R.T.: 0.000 min
Exp R.T.: 5.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



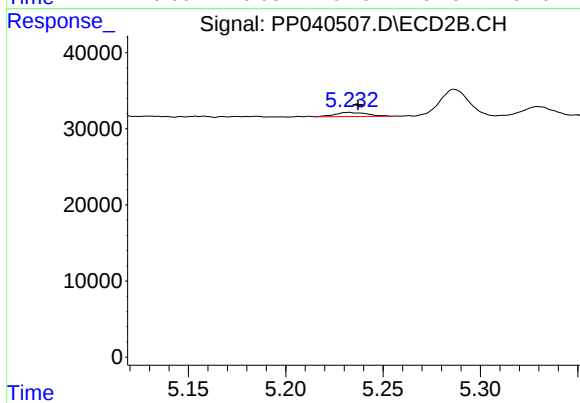
#12 AR-1232-2

R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 10830
Conc: 18.11 ng/ml



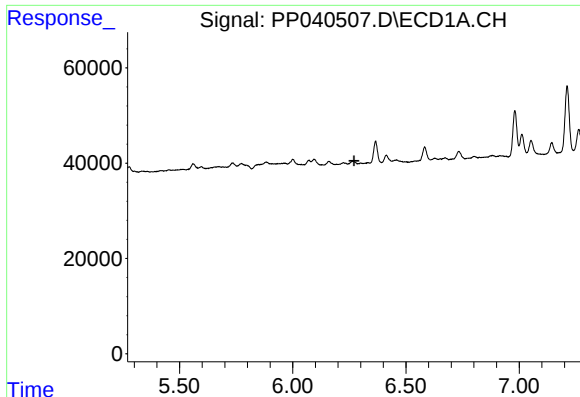
#13 AR-1232-3

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 16168
Conc: 19.62 ng/ml



#13 AR-1232-3

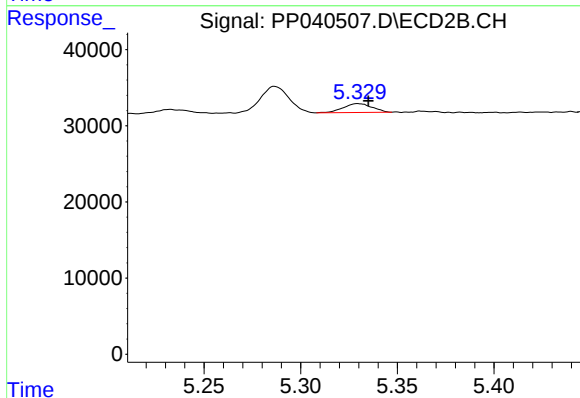
R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 6164
Conc: 19.84 ng/ml



#14 AR-1232-4

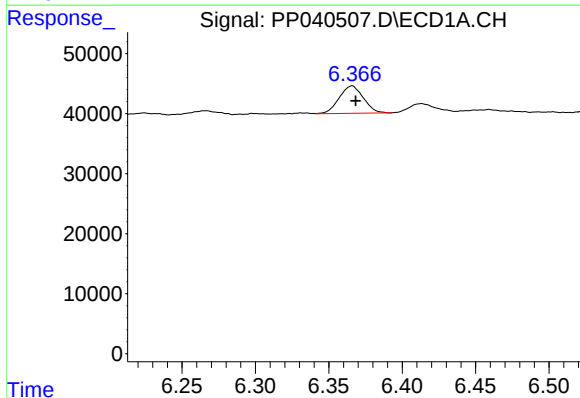
R.T.: 0.000 min
Exp R.T.: 6.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



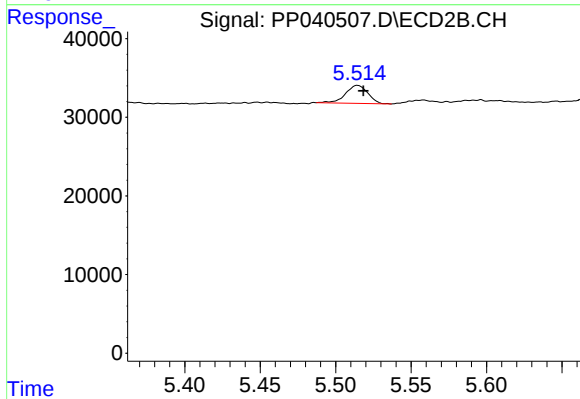
#14 AR-1232-4

R.T.: 5.330 min
Delta R.T.: -0.005 min
Response: 11986
Conc: 46.77 ng/ml



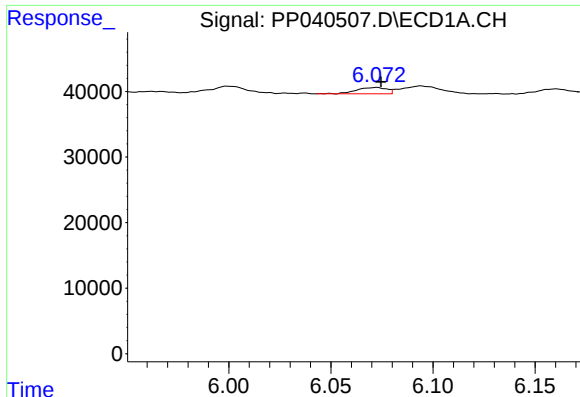
#15 AR-1232-5

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 52221
Conc: 196.36 ng/ml



#15 AR-1232-5

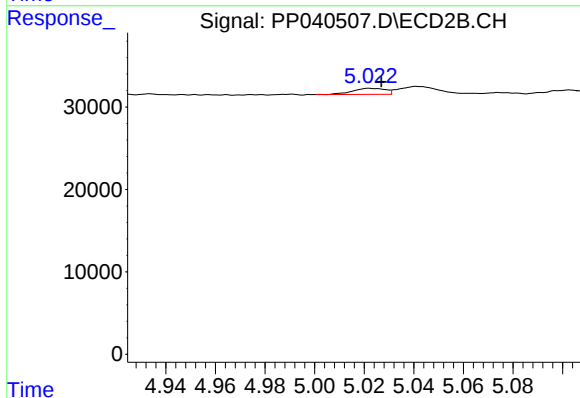
R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 23568
Conc: 87.63 ng/ml



#16 AR-1242-1

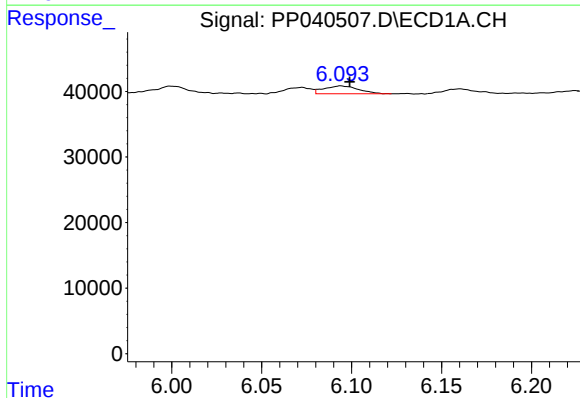
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 10085
Conc: 10.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



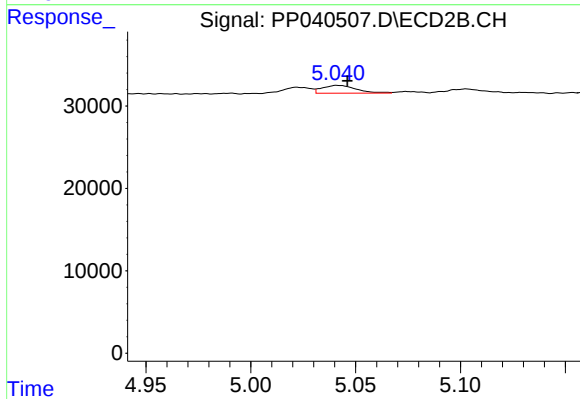
#16 AR-1242-1

R.T.: 5.022 min
Delta R.T.: -0.005 min
Response: 6819
Conc: 9.39 ng/ml



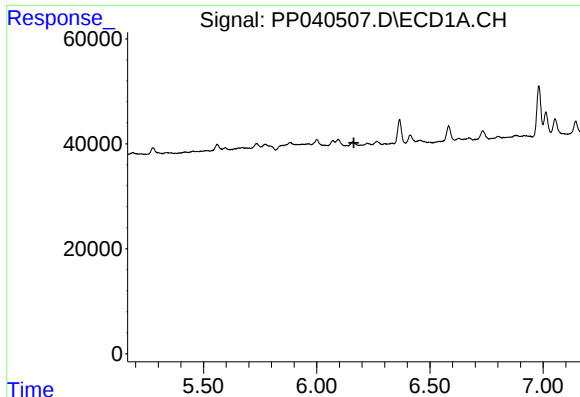
#17 AR-1242-2

R.T.: 6.094 min
Delta R.T.: -0.005 min
Response: 16168
Conc: 10.76 ng/ml



#17 AR-1242-2

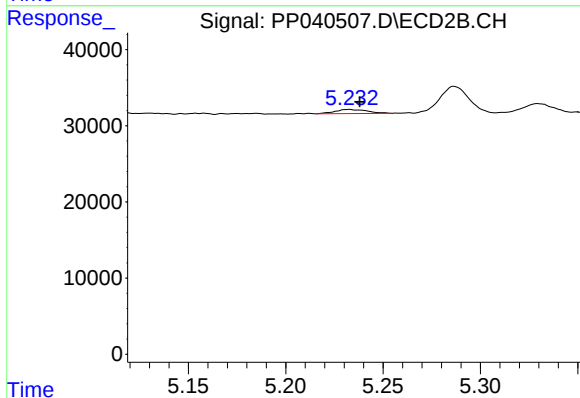
R.T.: 5.041 min
Delta R.T.: -0.005 min
Response: 10830
Conc: 10.21 ng/ml



#18 AR-1242-3

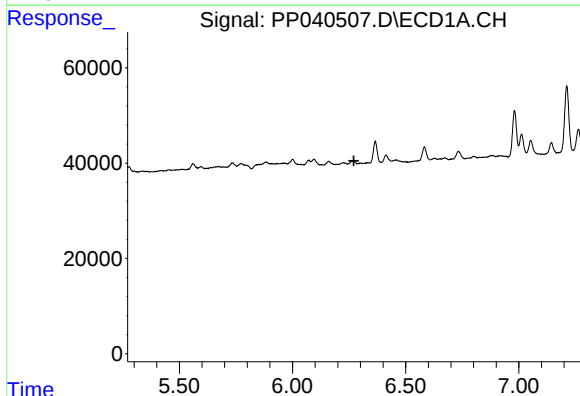
R.T.: 0.000 min
Exp R.T.: 6.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



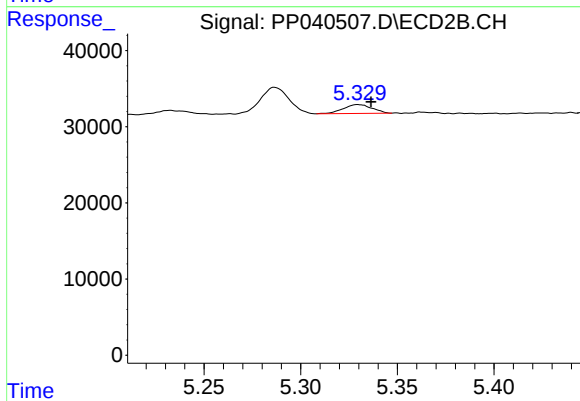
#18 AR-1242-3

R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 6164
Conc: 10.60 ng/ml



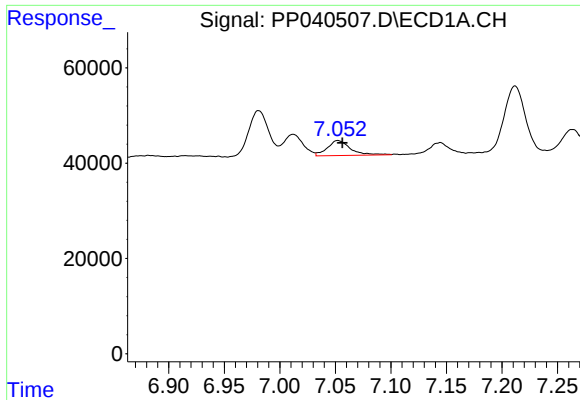
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 6.271 min
Response: 0
Conc: N.D.



#19 AR-1242-4

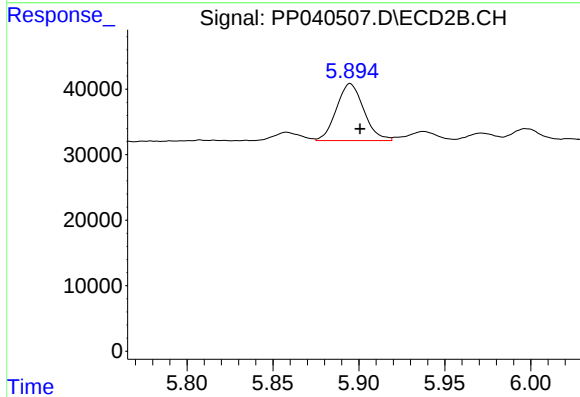
R.T.: 5.330 min
Delta R.T.: -0.007 min
Response: 11986
Conc: 23.36 ng/ml



#20 AR-1242-5

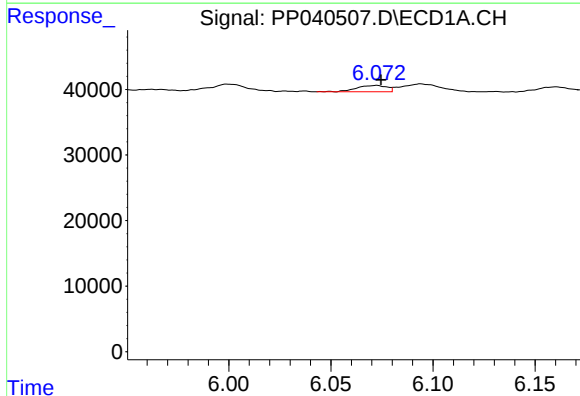
R.T.: 7.052 min
Delta R.T.: -0.004 min
Response: 45583
Conc: 57.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



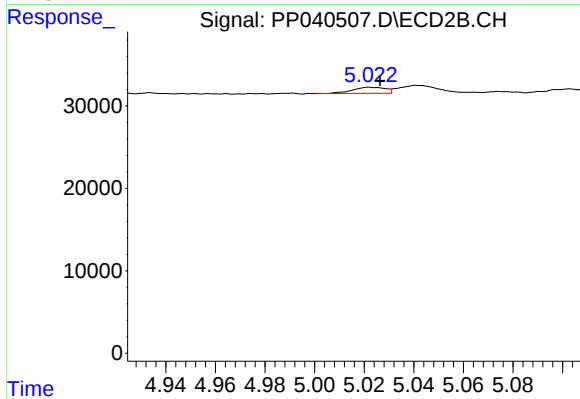
#20 AR-1242-5

R.T.: 5.895 min
Delta R.T.: -0.006 min
Response: 96561
Conc: 142.28 ng/ml



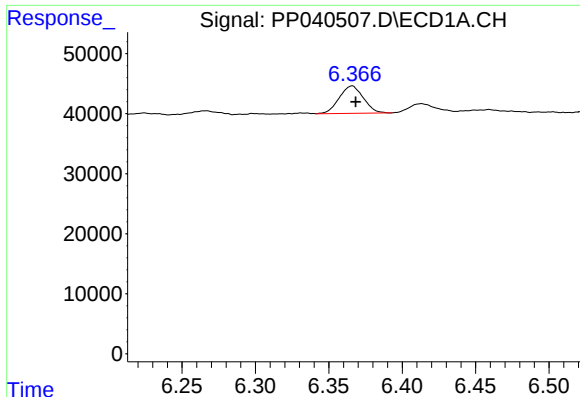
#21 AR-1248-1

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 10085
Conc: 13.50 ng/ml



#21 AR-1248-1

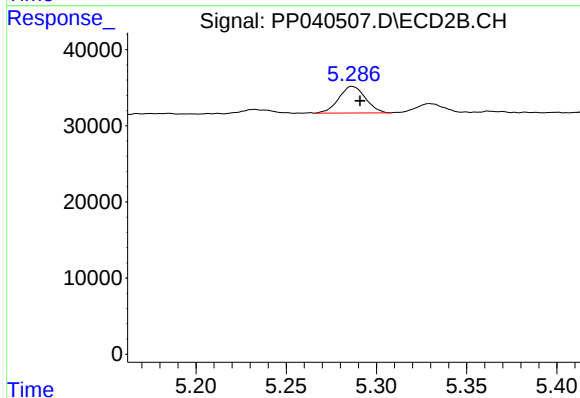
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 6819
Conc: 13.03 ng/ml



#22 AR-1248-2

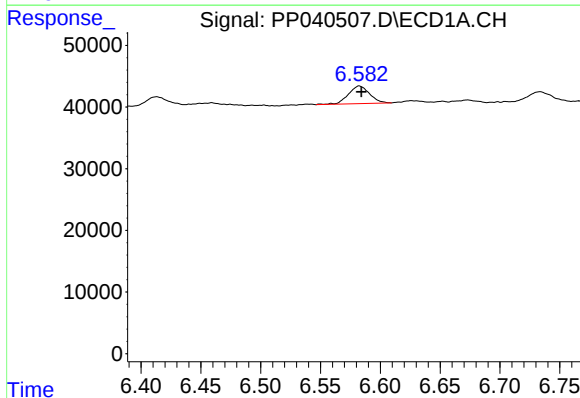
R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 52221
Conc: 50.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



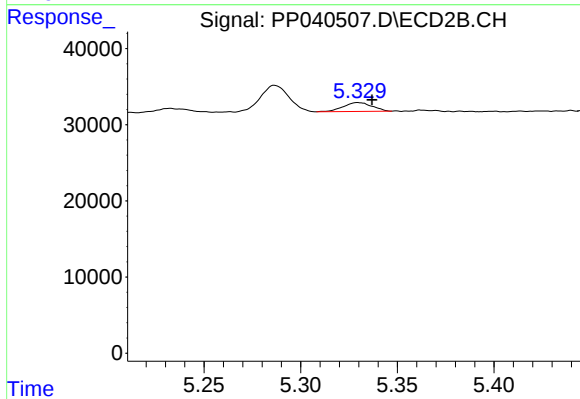
#22 AR-1248-2

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 35953
Conc: 45.11 ng/ml



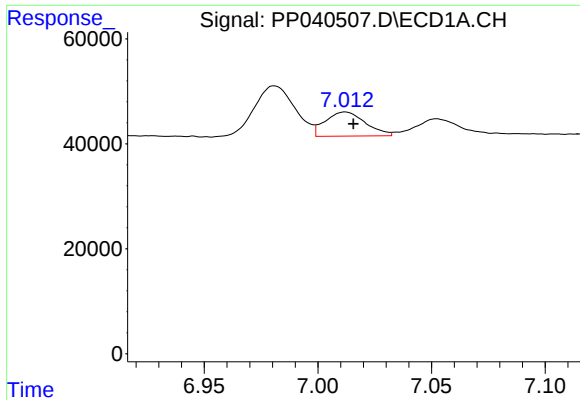
#23 AR-1248-3

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 35317
Conc: 27.45 ng/ml



#23 AR-1248-3

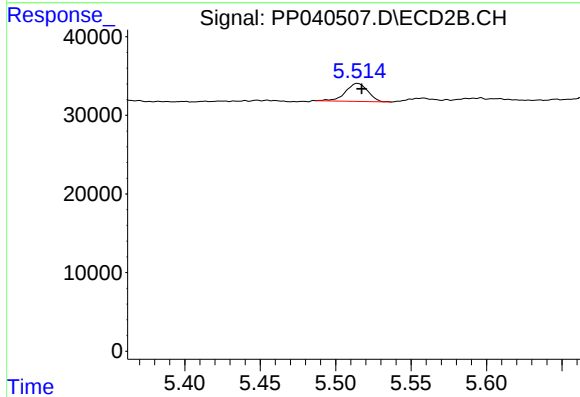
R.T.: 5.330 min
Delta R.T.: -0.007 min
Response: 11986
Conc: 16.14 ng/ml



#24 AR-1248-4

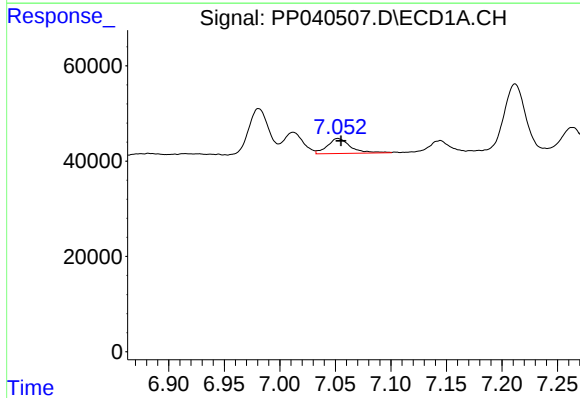
R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 56408
Conc: 38.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



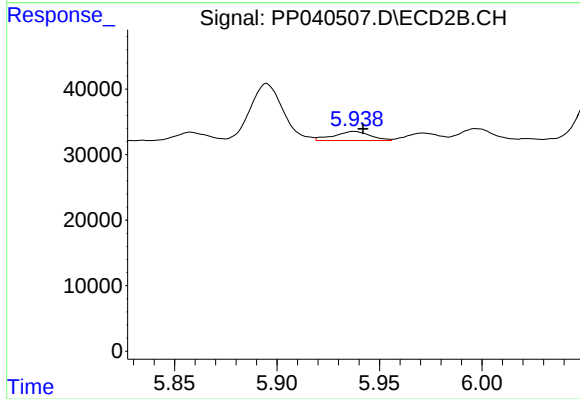
#24 AR-1248-4

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 23568
Conc: 28.20 ng/ml



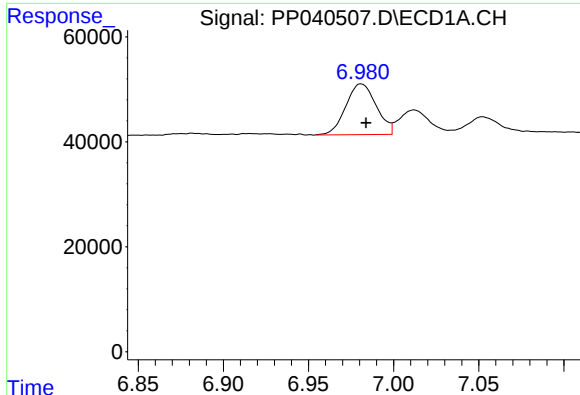
#25 AR-1248-5

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 45583
Conc: 31.87 ng/ml



#25 AR-1248-5

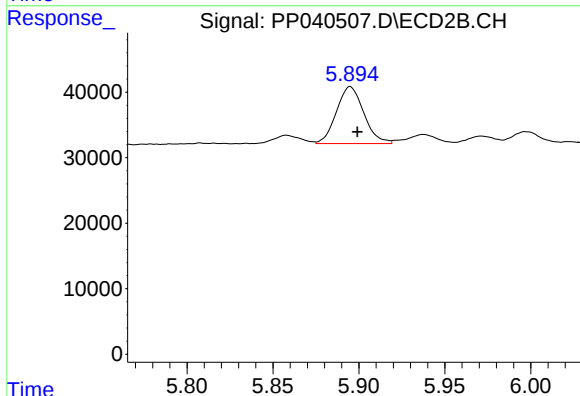
R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 17226
Conc: 17.52 ng/ml



#26 AR-1254-1

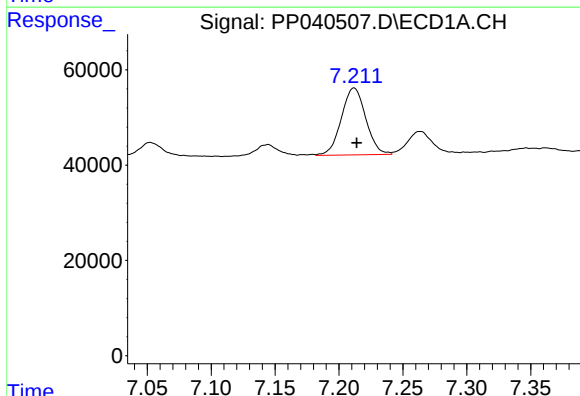
R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 120484
Conc: 81.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



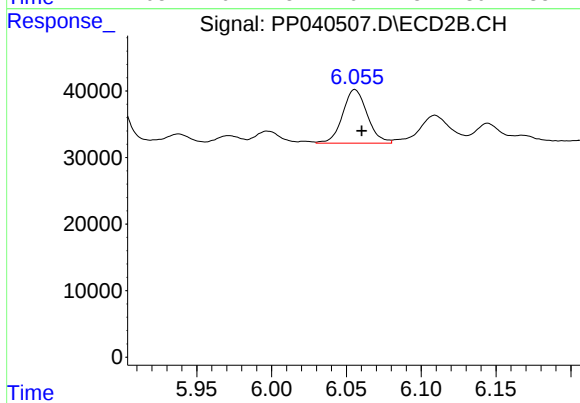
#26 AR-1254-1

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 96561
Conc: 68.40 ng/ml



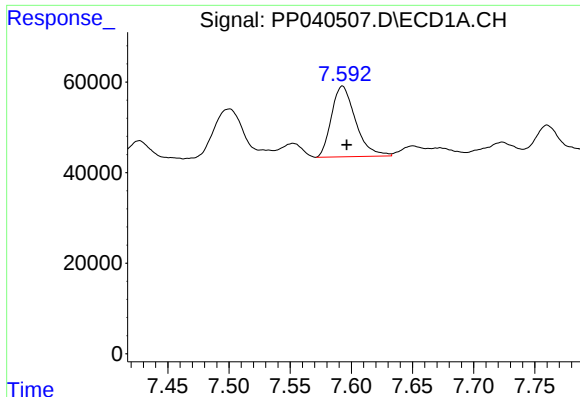
#27 AR-1254-2

R.T.: 7.212 min
Delta R.T.: -0.002 min
Response: 187152
Conc: 83.14 ng/ml



#27 AR-1254-2

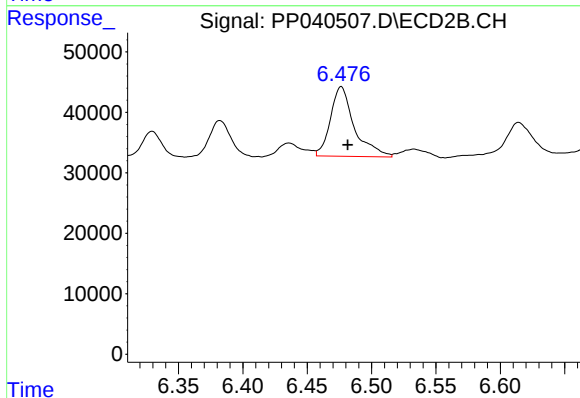
R.T.: 6.056 min
Delta R.T.: -0.005 min
Response: 92420
Conc: 74.37 ng/ml



#28 AR-1254-3

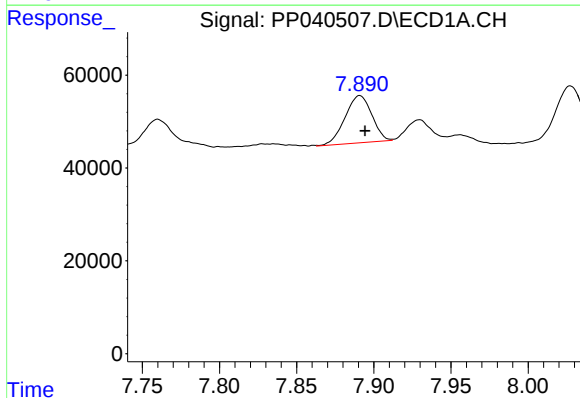
R.T.: 7.593 min
Delta R.T.: -0.003 min
Response: 213555
Conc: 88.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



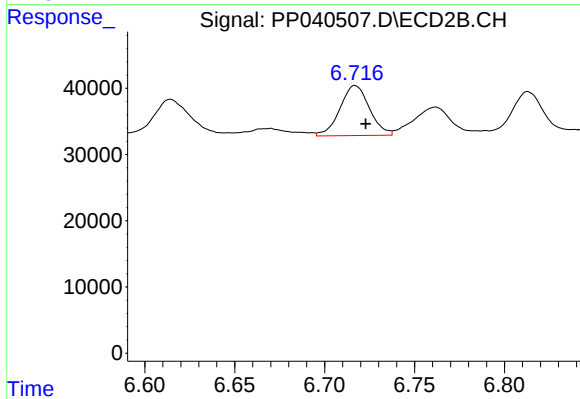
#28 AR-1254-3

R.T.: 6.476 min
Delta R.T.: -0.005 min
Response: 149014
Conc: 78.30 ng/ml



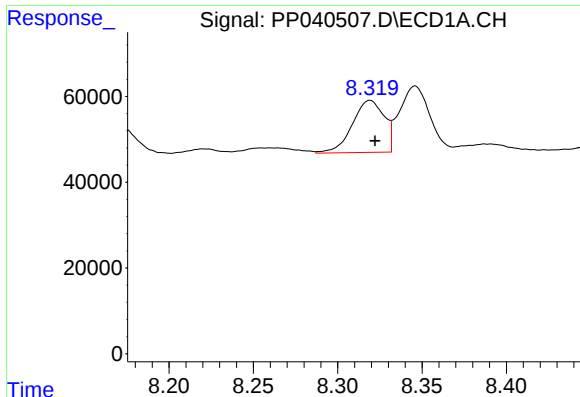
#29 AR-1254-4

R.T.: 7.891 min
Delta R.T.: -0.003 min
Response: 122787
Conc: 71.49 ng/ml



#29 AR-1254-4

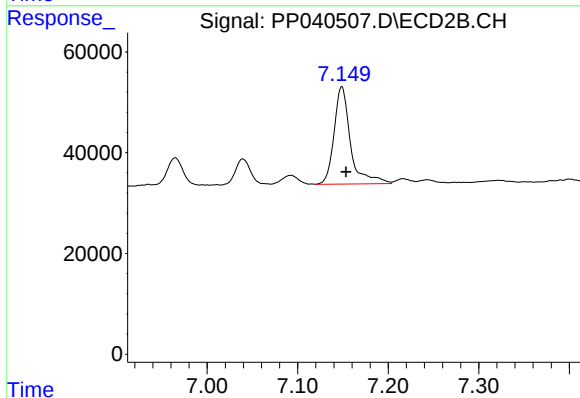
R.T.: 6.717 min
Delta R.T.: -0.006 min
Response: 86302
Conc: 74.63 ng/ml



#30 AR-1254-5

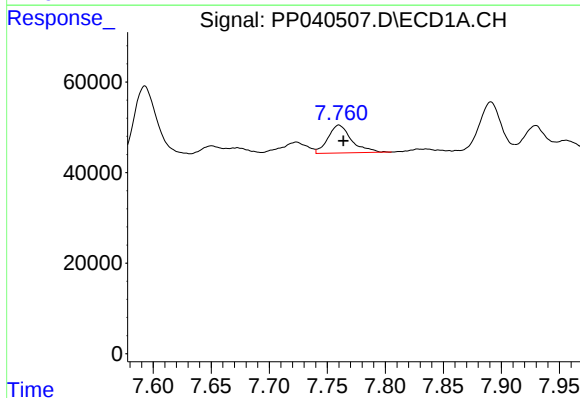
R.T.: 8.319 min
Delta R.T.: -0.003 min
Response: 159859
Conc: 87.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



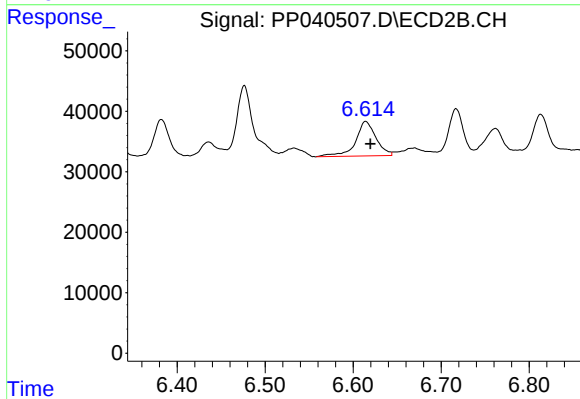
#30 AR-1254-5

R.T.: 7.149 min
Delta R.T.: -0.005 min
Response: 244582
Conc: 141.41 ng/ml



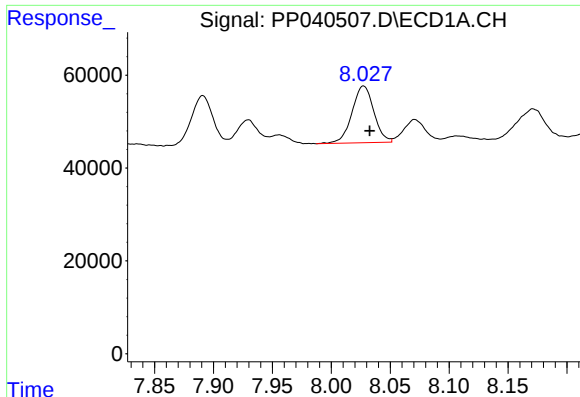
#31 AR-1260-1

R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 88010
Conc: 56.40 ng/ml



#31 AR-1260-1

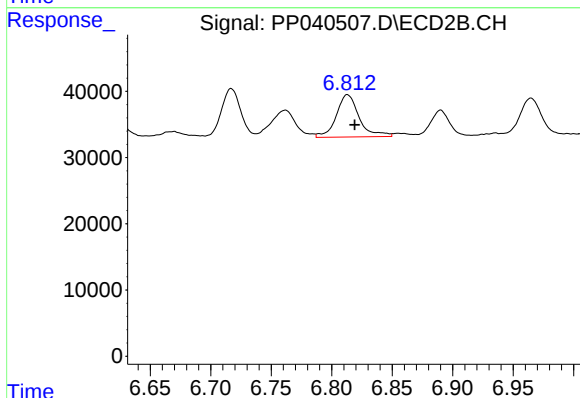
R.T.: 6.614 min
Delta R.T.: -0.005 min
Response: 92501
Conc: 64.71 ng/ml



#32 AR-1260-2

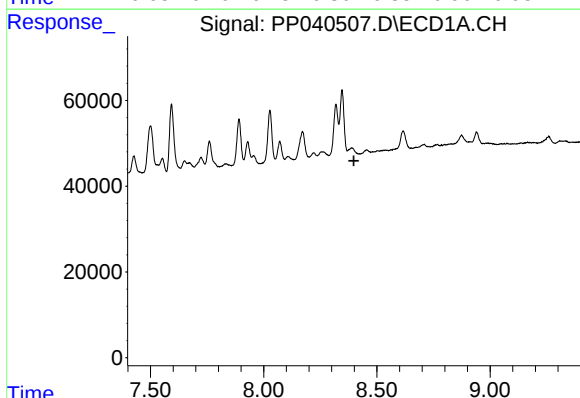
R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 158029
Conc: 85.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



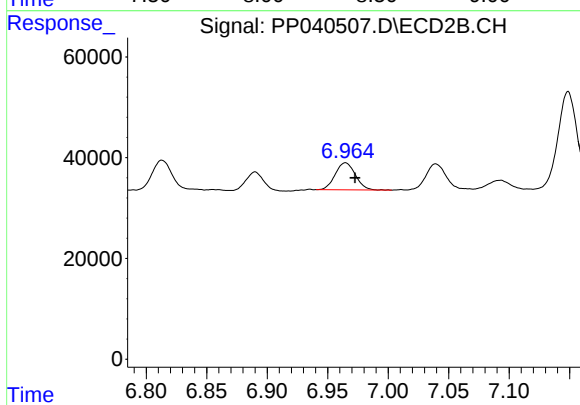
#32 AR-1260-2

R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 84184
Conc: 50.29 ng/ml



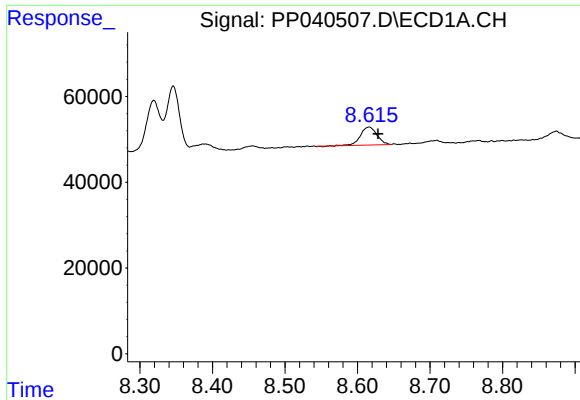
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.398 min
Response: 0
Conc: N.D.



#33 AR-1260-3

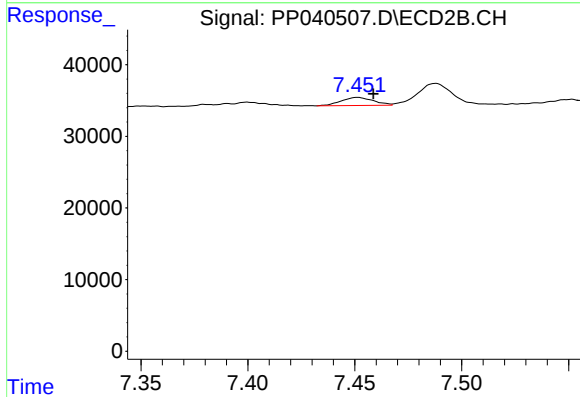
R.T.: 6.965 min
Delta R.T.: -0.008 min
Response: 62419
Conc: 39.47 ng/ml



#34 AR-1260-4

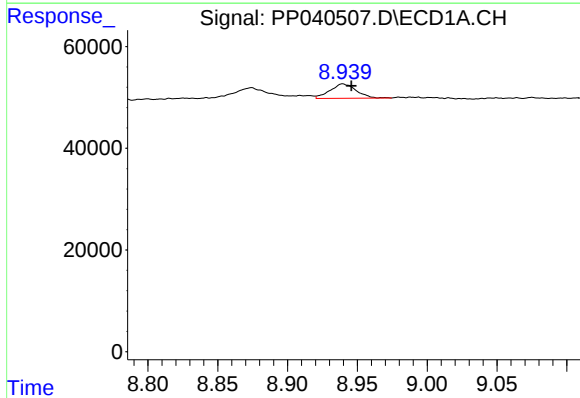
R.T.: 8.616 min
Delta R.T.: -0.013 min
Response: 67331
Conc: 42.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



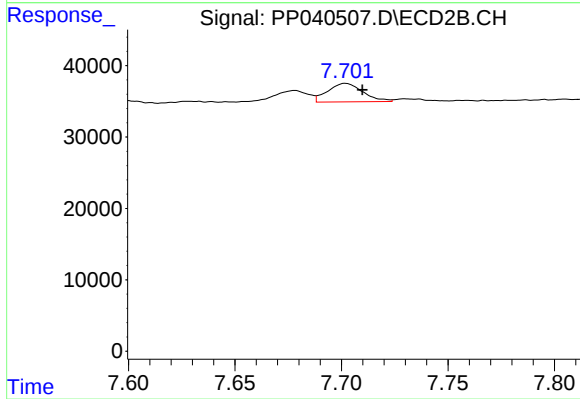
#34 AR-1260-4

R.T.: 7.451 min
Delta R.T.: -0.007 min
Response: 11874
Conc: 8.78 ng/ml



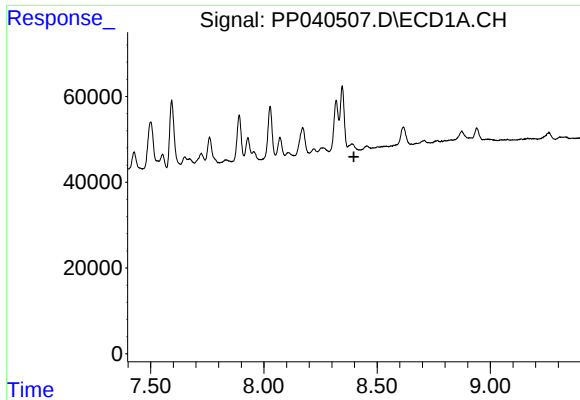
#35 AR-1260-5

R.T.: 8.940 min
Delta R.T.: -0.006 min
Response: 36967
Conc: 12.54 ng/ml



#35 AR-1260-5

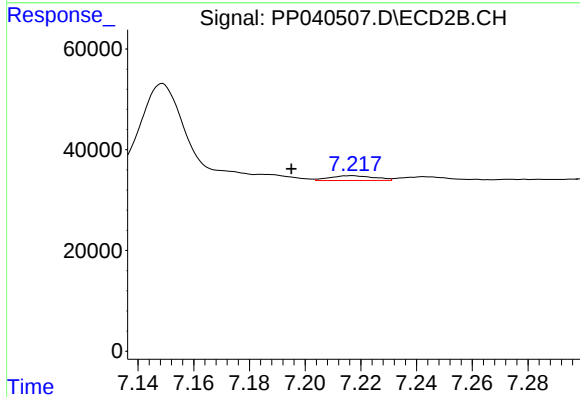
R.T.: 7.702 min
Delta R.T.: -0.008 min
Response: 29923
Conc: 9.97 ng/ml



#36 AR-1262-1

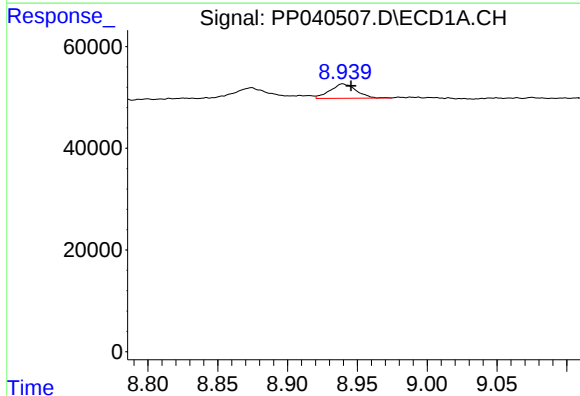
R.T.: 0.000 min
Exp R.T.: 8.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



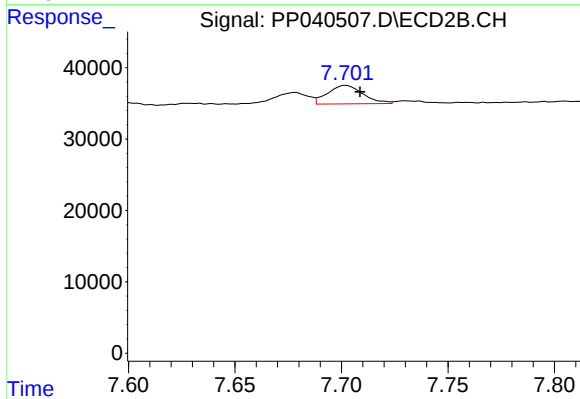
#36 AR-1262-1

R.T.: 7.217 min
Delta R.T.: 0.022 min
Response: 10514
Conc: 6.07 ng/ml



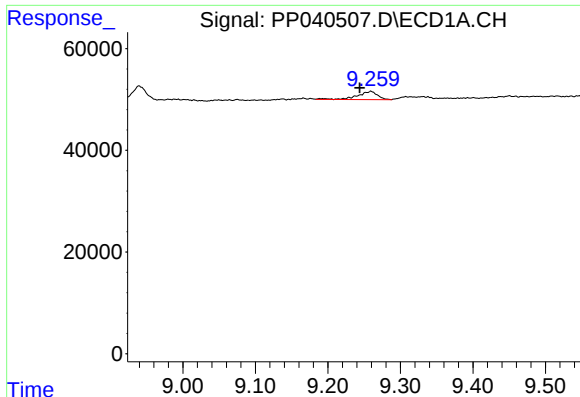
#37 AR-1262-2

R.T.: 8.940 min
Delta R.T.: -0.006 min
Response: 36967
Conc: 10.32 ng/ml



#37 AR-1262-2

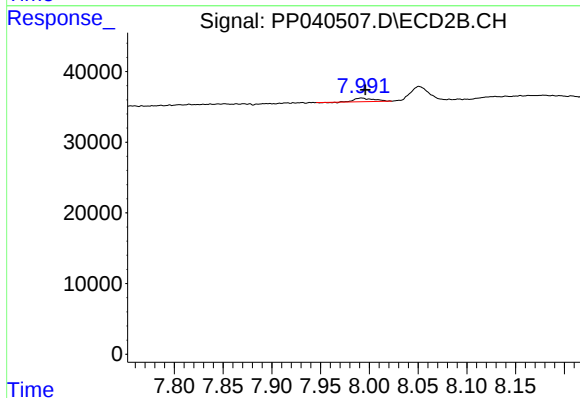
R.T.: 7.702 min
Delta R.T.: -0.007 min
Response: 29923
Conc: 9.94 ng/ml



#38 AR-1262-3

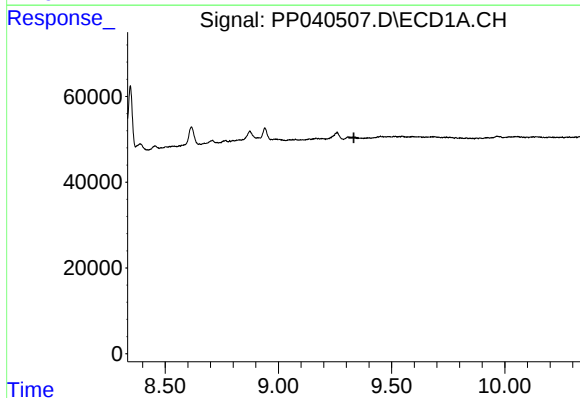
R.T.: 9.259 min
Delta R.T.: 0.015 min
Response: 31431
Conc: 17.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



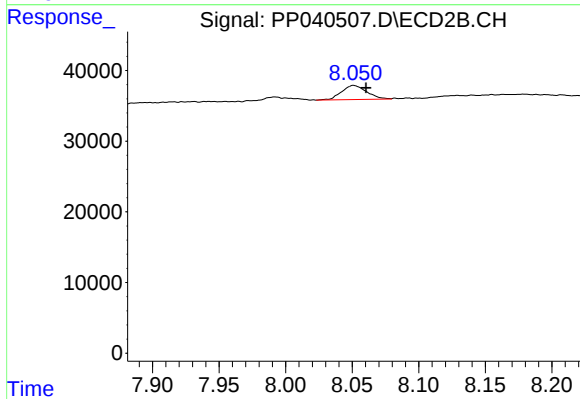
#38 AR-1262-3

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 6999
Conc: 5.46 ng/ml



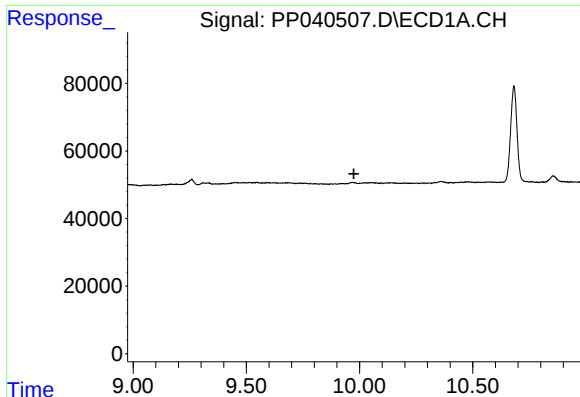
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.334 min
Response: 0
Conc: N.D.



#39 AR-1262-4

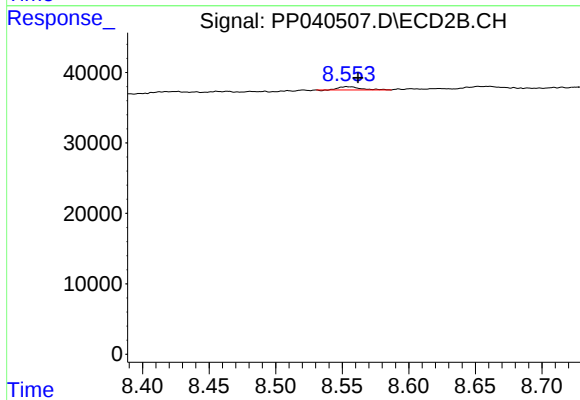
R.T.: 8.051 min
Delta R.T.: -0.009 min
Response: 26245
Conc: 11.23 ng/ml



#40 AR-1262-5

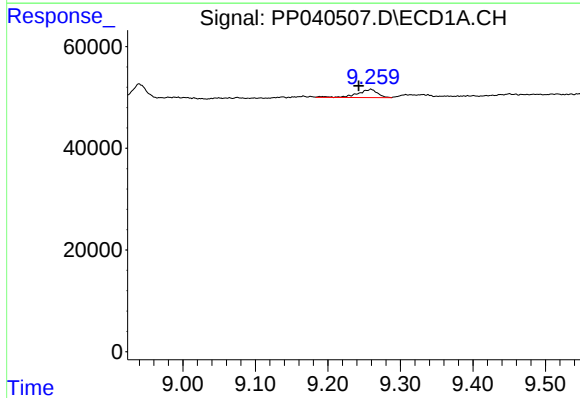
R.T.: 0.000 min
Exp R.T.: 9.975 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



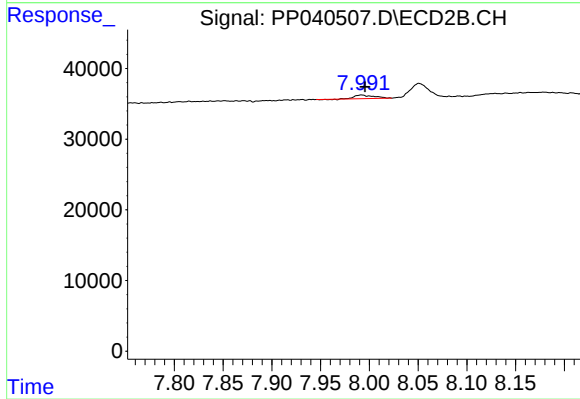
#40 AR-1262-5

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 5263
Conc: 4.62 ng/ml



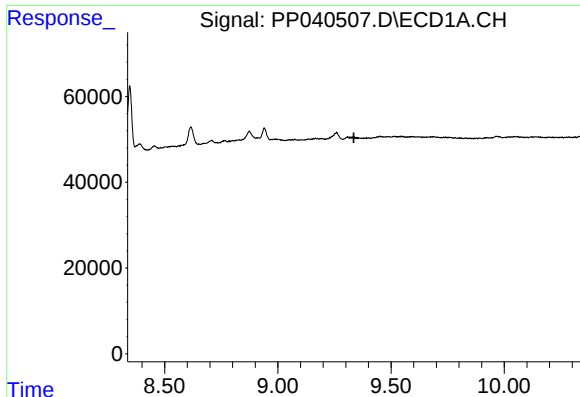
#41 AR-1268-1

R.T.: 9.259 min
Delta R.T.: 0.017 min
Response: 31431
Conc: 7.61 ng/ml



#41 AR-1268-1

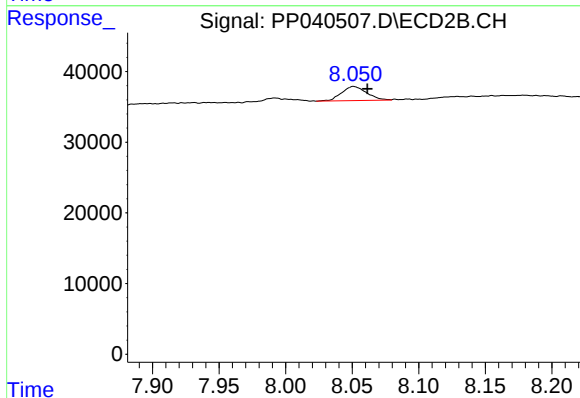
R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 6999
Conc: 1.98 ng/ml



#42 AR-1268-2

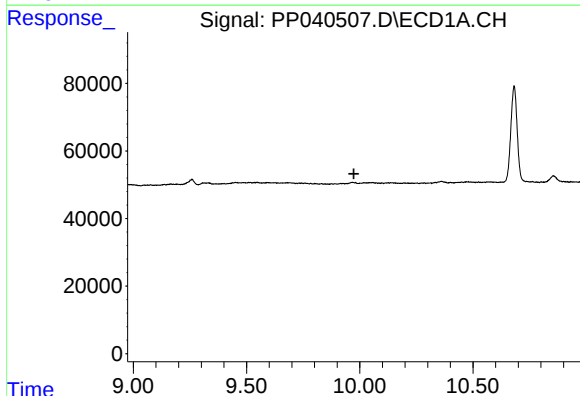
R.T.: 0.000 min
Exp R.T.: 9.336 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



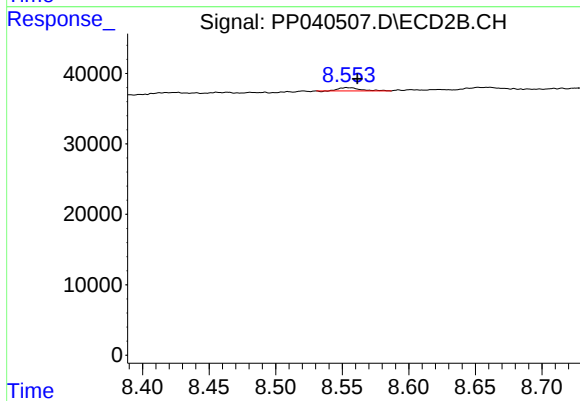
#42 AR-1268-2

R.T.: 8.051 min
Delta R.T.: -0.010 min
Response: 26245
Conc: 7.79 ng/ml



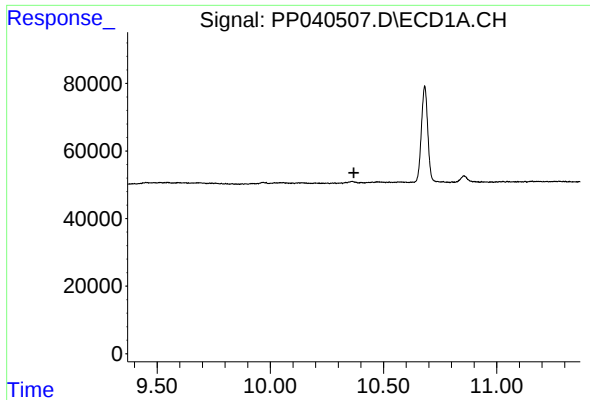
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.974 min
Response: 0
Conc: N.D.



#44 AR-1268-4

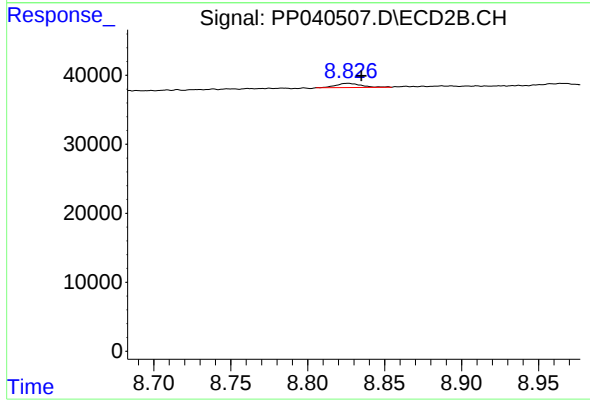
R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 5263
Conc: 4.33 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.369 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.826 min
Delta R.T.: -0.009 min
Response: 6934
Conc: 0.77 ng/ml