

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062122\
 Data File : PP048958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2022 14:08
 Operator : YP\AJ
 Sample : N3413-01
 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: Jun 21 14:40:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.035	3.198	47908093	52828560	19.993	27.756 #
2)	SA Decachlor...	10.384	8.603	44131543	30335544	23.154	24.772
Target Compounds							
5)	L1 AR-1016-3	5.406	0.000	334543	0	4.414	N.D. #
6)	L1 AR-1016-4	5.517	4.649f	517370	1216462	8.225	30.221 #
7)	L1 AR-1016-5	5.858	4.853	1215814	179631	19.694	3.522 #
8)	L2 AR-1221-1	4.272	3.445	4036564	556755	145.096	23.712 #
9)	L2 AR-1221-2	4.369	0.000	572452	0	28.162	N.D. #
10)	L2 AR-1221-3	4.469f	3.597	521168	1348932	8.215	25.762 #
11)	L3 AR-1232-1	4.469f	3.597	521168	1348932	8.910	27.856 #
12)	L3 AR-1232-2	5.046f	4.381	2217703	-282807	74.511	N.D. #
13)	L3 AR-1232-3	5.339	0.000	147170	0	2.643	N.D. #
14)	L3 AR-1232-4	5.517	4.668	517370	808876	18.091	37.807 #
15)	L3 AR-1232-5	5.628	4.853	1420969	179631	67.937	7.507 #
18)	L4 AR-1242-3	5.406	0.000	334543	0	5.518	N.D. #
19)	L4 AR-1242-4	5.517	4.668	517370	808876	10.171	20.100 #
20)	L4 AR-1242-5	6.338	5.214	1066389	896453	19.970	18.150
22)	L5 AR-1248-2	5.628	4.649f	1420969	1216462	18.897	21.504
23)	L5 AR-1248-3	5.858	4.668	1215814	808876	14.543	13.548
24)	L5 AR-1248-4	6.297	4.853	1385087	179631	15.242	2.574 #
25)	L5 AR-1248-5	6.338	5.283	1066389	64643	12.044	0.945 #
26)	L6 AR-1254-1	6.270	5.214	2073458	896453	22.295	8.868 #
27)	L6 AR-1254-2	6.514	5.369f	1617696	220049	11.662	2.499 #
28)	L6 AR-1254-3	6.929	5.812	1068691	598238	7.516	4.304 #
29)	L6 AR-1254-4	7.231	6.055	315231	719169	2.958	8.293 #
30)	L6 AR-1254-5	7.726f	6.510	3211545	1789964	27.053	14.595 #
31)	L7 AR-1260-1	7.093	5.945	360625	1439052	3.461	17.054 #
32)	L7 AR-1260-2	7.378	6.187f	3719222	1763569	30.544	17.217 #
33)	L7 AR-1260-3	7.782	6.318	886523	427077	10.472	4.407 #
34)	L7 AR-1260-4	8.028	6.836	2179940	266833	21.070	3.770 #
35)	L7 AR-1260-5	8.393	7.094f	1672197	831502	8.542	5.178 #
36)	L8 AR-1262-1	7.782	6.583	886523	36193	6.586	0.321 #
37)	L8 AR-1262-2	8.393	6.836f	1672197	266833	7.139	2.663 #
38)	L8 AR-1262-3	8.756f	7.415	338775	197971	3.455	2.636
39)	L8 AR-1262-4	8.845	0.000	884835	0	14.119	N.D. #
40)	L8 AR-1262-5	9.590f	0.000	1655	0	0.020	N.D. #
41)	L9 AR-1268-1	8.756f	7.415	338775	197971	1.216	0.936
42)	L9 AR-1268-2	8.845	0.000	884835	0	3.415	N.D. #
43)	L9 AR-1268-3	9.080	7.717	217769	295598	0.975	1.838 #
44)	L9 AR-1268-4	9.590f	0.000	1655	0	0.017	N.D. #
45)	L9 AR-1268-5	10.025	0.000	183273	0	0.251	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062122\
Data File : PP048958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jun 2022 14:08
Operator : YP\AJ
Sample : N3413-01
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: Jun 21 14:40:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 07 11:09:40 2022
Response via : Initial Calibration
Integrator: ChemStation

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
----------	------	------	--------	--------	-------	-------

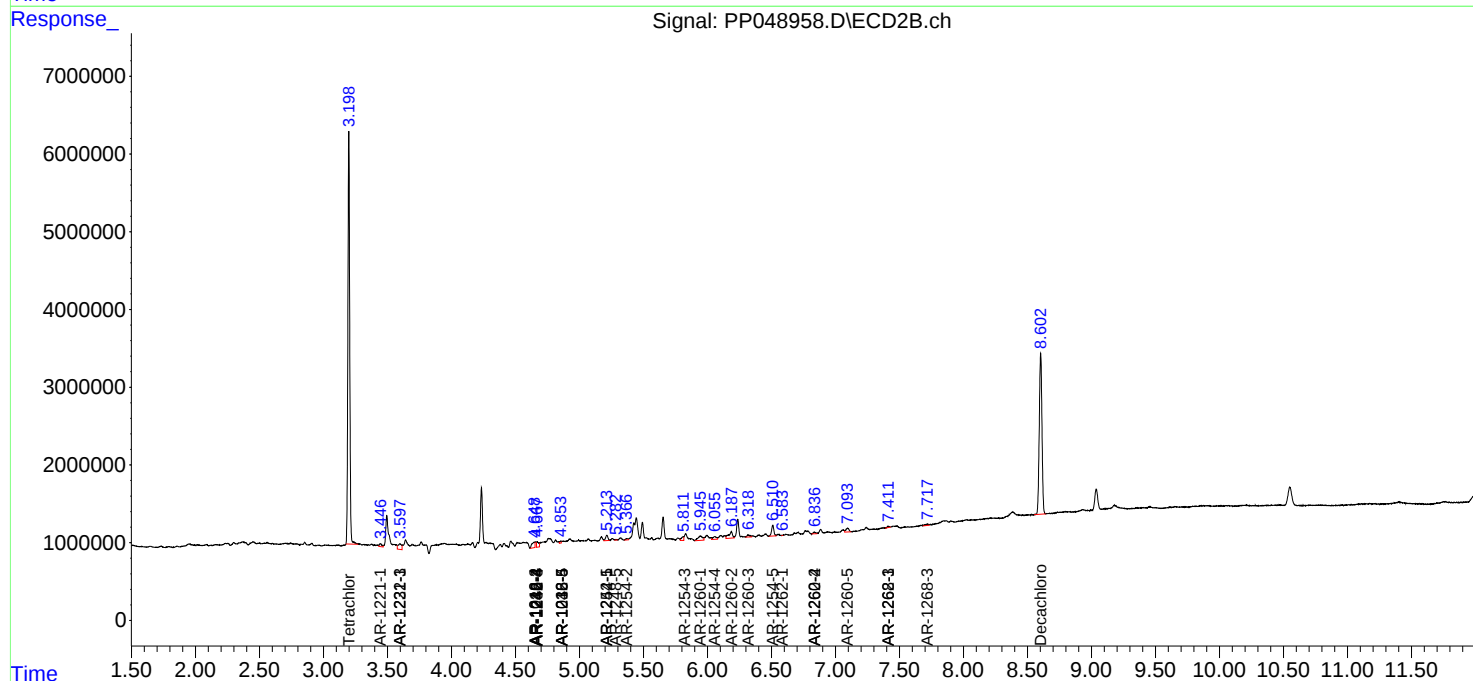
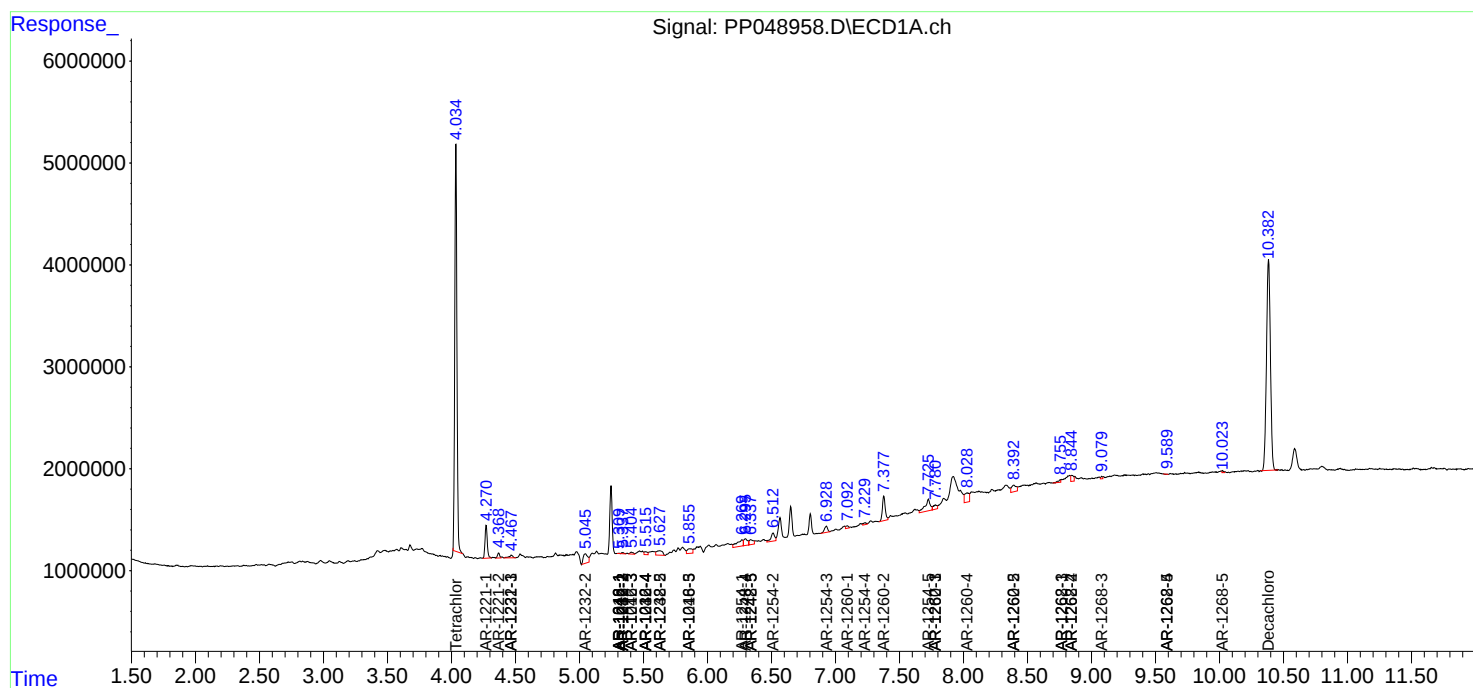
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

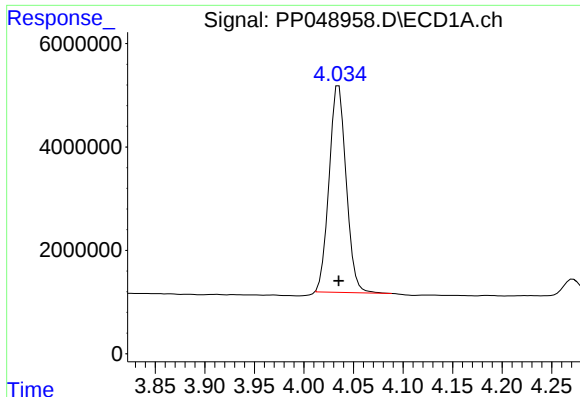
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062122\
Data File : PP048958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jun 2022 14:08
Operator : YP\AJ
Sample : N3413-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 14:40:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 07 11:09:40 2022
Response via : Initial Calibration
Integrator: ChemStation

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

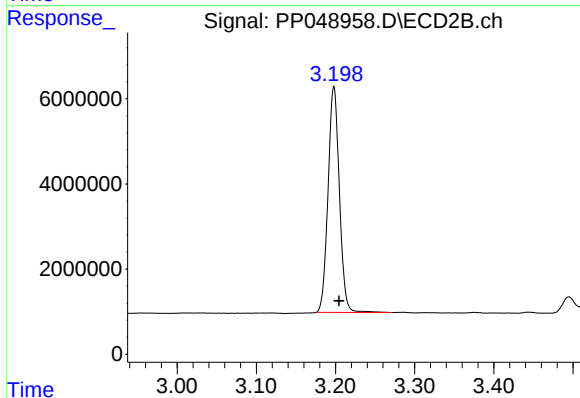




#1 Tetrachloro-m-xylene

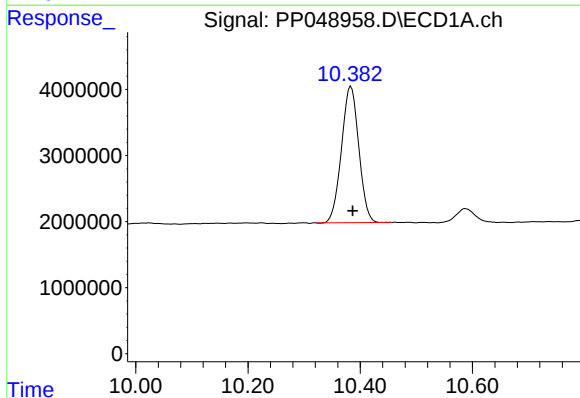
R.T.: 4.035 min
Delta R.T.: 0.000 min
Response: 47908093
Conc: 19.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



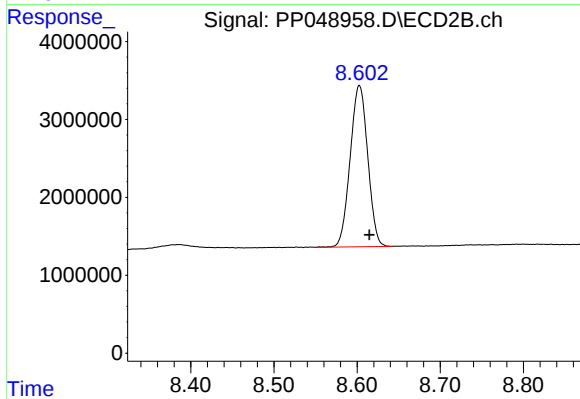
#1 Tetrachloro-m-xylene

R.T.: 3.198 min
Delta R.T.: -0.007 min
Response: 52828560
Conc: 27.76 ng/ml



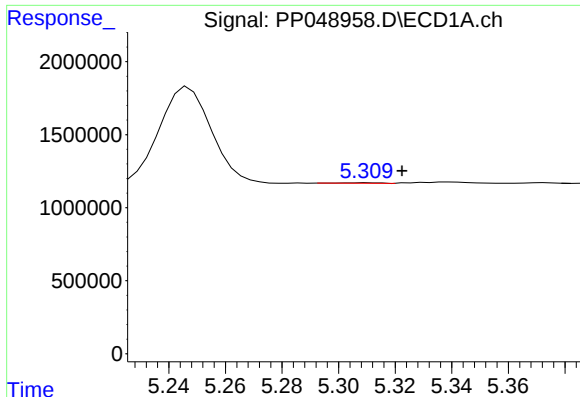
#2 Decachlorobiphenyl

R.T.: 10.384 min
Delta R.T.: -0.003 min
Response: 44131543
Conc: 23.15 ng/ml



#2 Decachlorobiphenyl

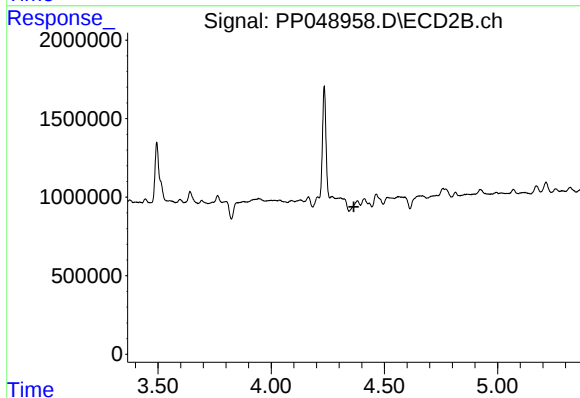
R.T.: 8.603 min
Delta R.T.: -0.012 min
Response: 30335544
Conc: 24.77 ng/ml



#3 AR-1016-1

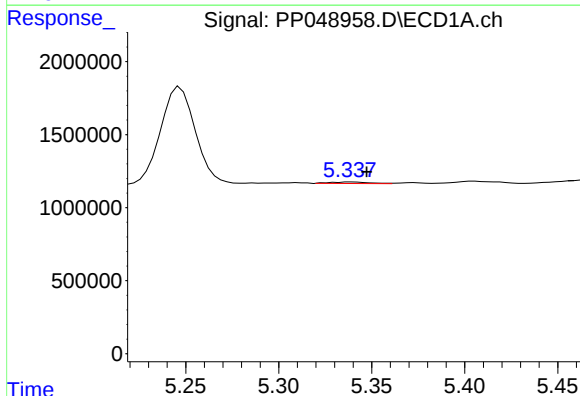
R.T.: 5.310 min
Delta R.T.: -0.012 min
Response: 29024
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



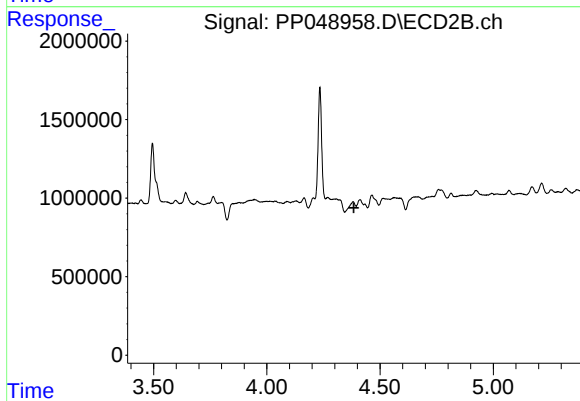
#3 AR-1016-1

R.T.: 4.381 min
Delta R.T.: 0.016 min
Response: -282807
Conc: N.D.



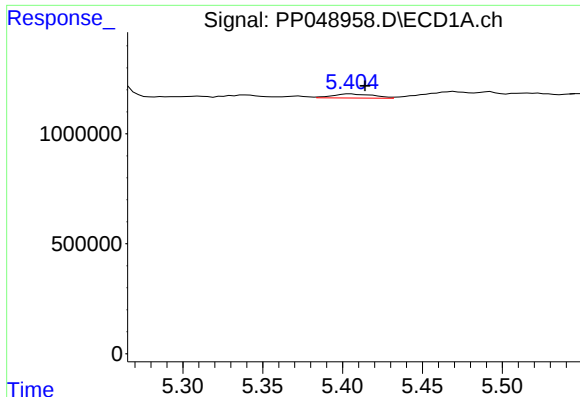
#4 AR-1016-2

R.T.: 5.339 min
Delta R.T.: -0.009 min
Response: 147170
Conc: 1.21 ng/ml



#4 AR-1016-2

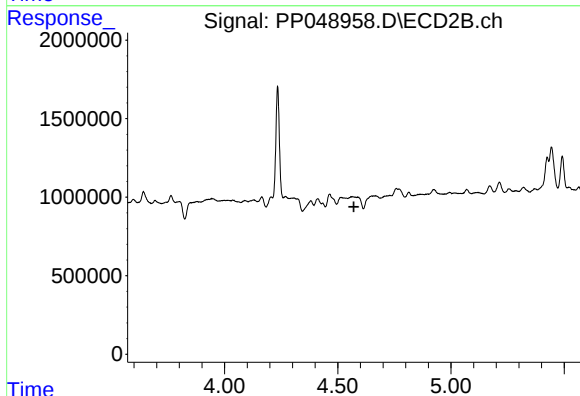
R.T.: 4.381 min
Delta R.T.: -0.004 min
Response: -282807
Conc: N.D.



#5 AR-1016-3

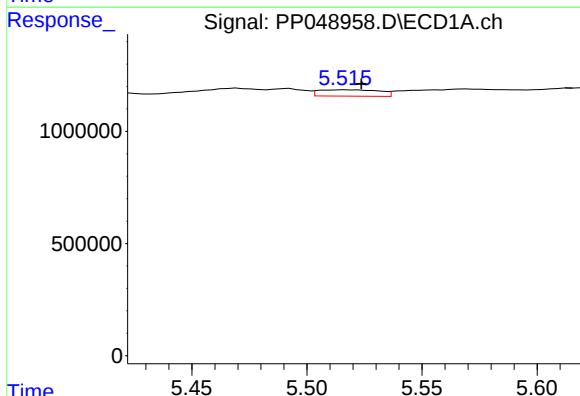
R.T.: 5.406 min
Delta R.T.: -0.009 min
Response: 334543
Conc: 4.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



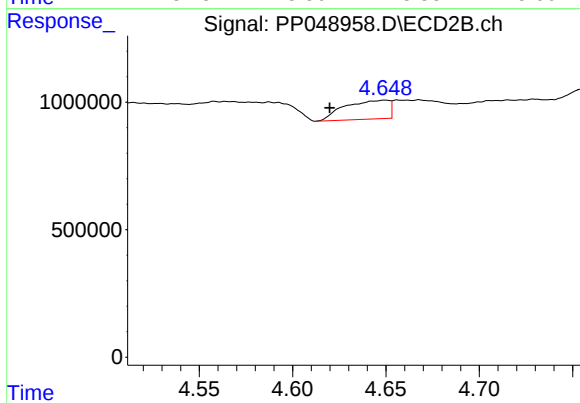
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



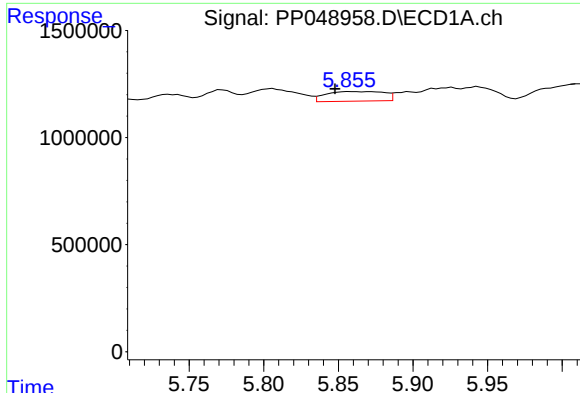
#6 AR-1016-4

R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 517370
Conc: 8.22 ng/ml



#6 AR-1016-4

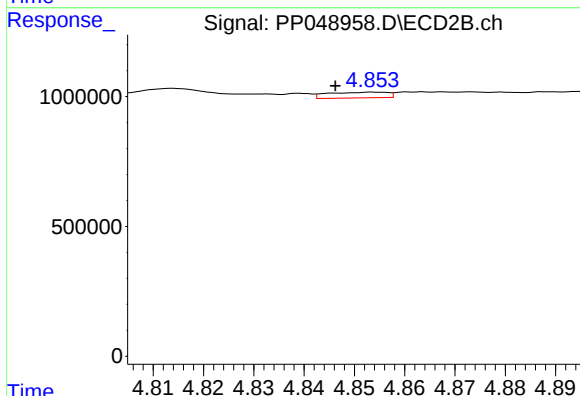
R.T.: 4.649 min
Delta R.T.: 0.029 min
Response: 1216462
Conc: 30.22 ng/ml



#7 AR-1016-5

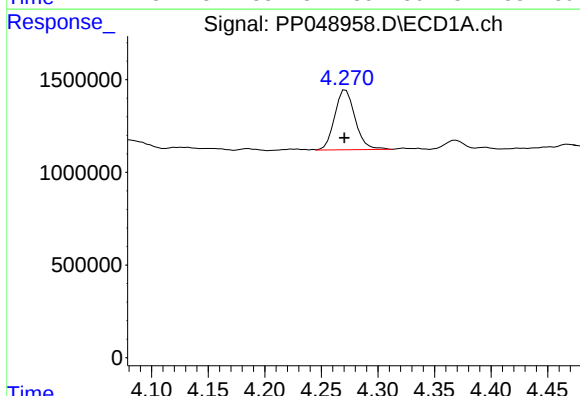
R.T.: 5.858 min
Delta R.T.: 0.010 min
Response: 1215814
Conc: 19.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



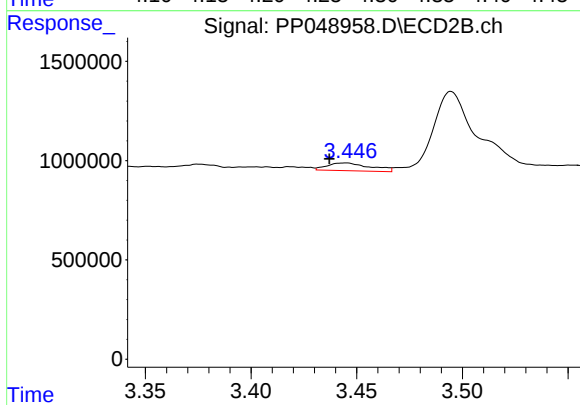
#7 AR-1016-5

R.T.: 4.853 min
Delta R.T.: 0.007 min
Response: 179631
Conc: 3.52 ng/ml



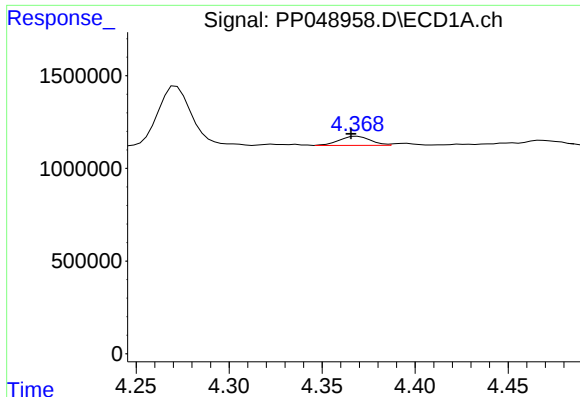
#8 AR-1221-1

R.T.: 4.272 min
Delta R.T.: 0.001 min
Response: 4036564
Conc: 145.10 ng/ml



#8 AR-1221-1

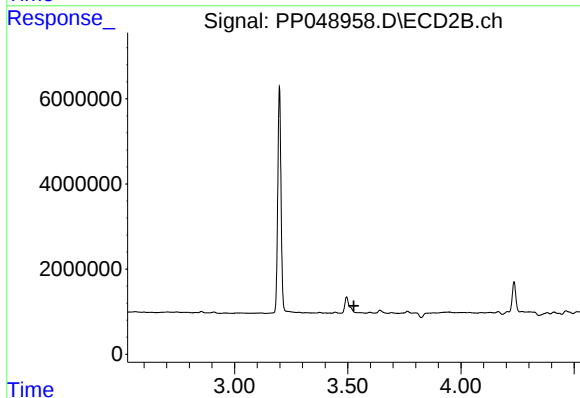
R.T.: 3.445 min
Delta R.T.: 0.008 min
Response: 556755
Conc: 23.71 ng/ml



#9 AR-1221-2

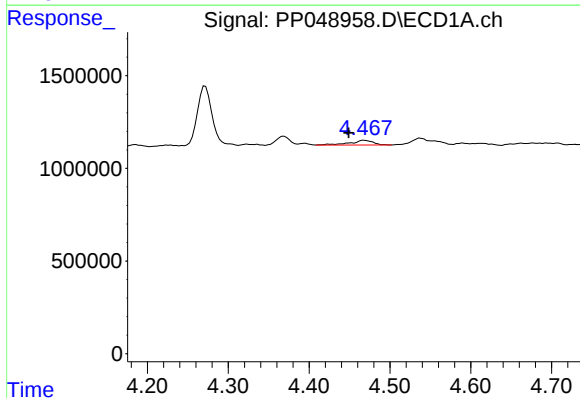
R.T.: 4.369 min
Delta R.T.: 0.003 min
Response: 572452
Conc: 28.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



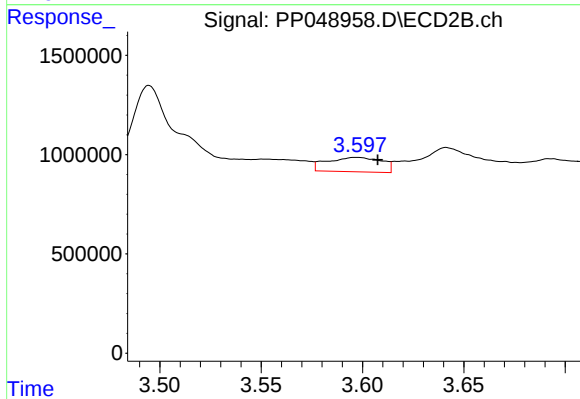
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.527 min
Response: 0
Conc: N.D.



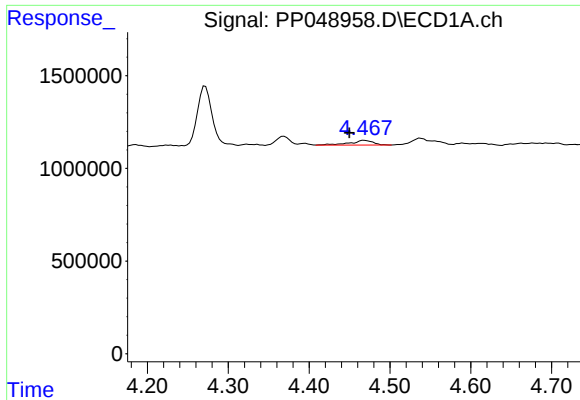
#10 AR-1221-3

R.T.: 4.469 min
Delta R.T.: 0.020 min
Response: 521168
Conc: 8.22 ng/ml



#10 AR-1221-3

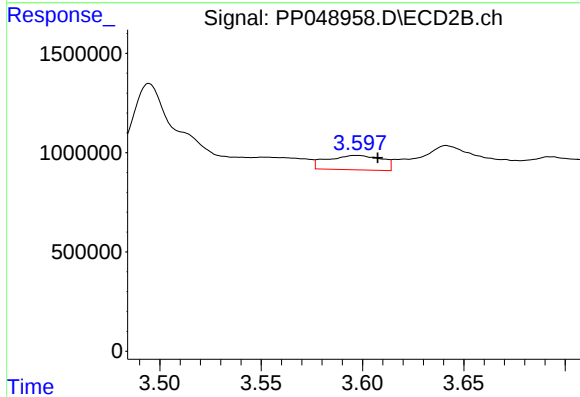
R.T.: 3.597 min
Delta R.T.: -0.011 min
Response: 1348932
Conc: 25.76 ng/ml



#11 AR-1232-1

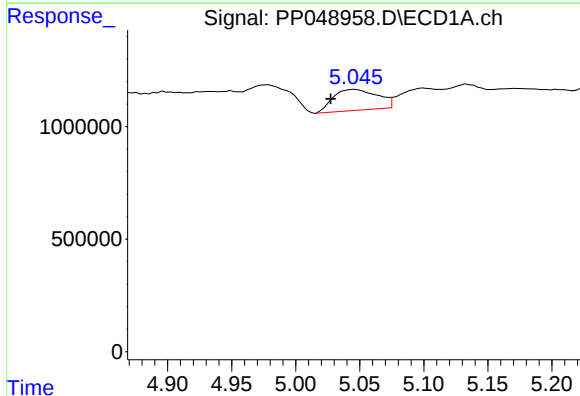
R.T.: 4.469 min
Delta R.T.: 0.019 min
Response: 521168
Conc: 8.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



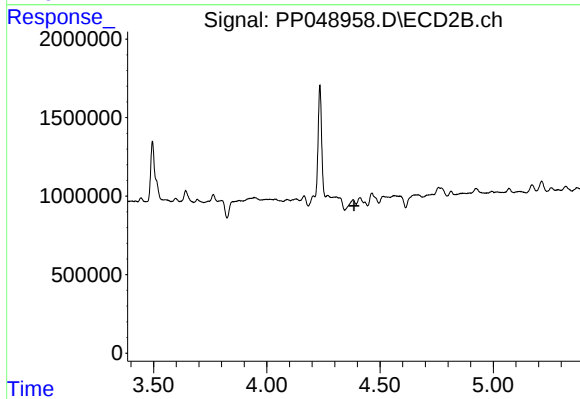
#11 AR-1232-1

R.T.: 3.597 min
Delta R.T.: -0.011 min
Response: 1348932
Conc: 27.86 ng/ml



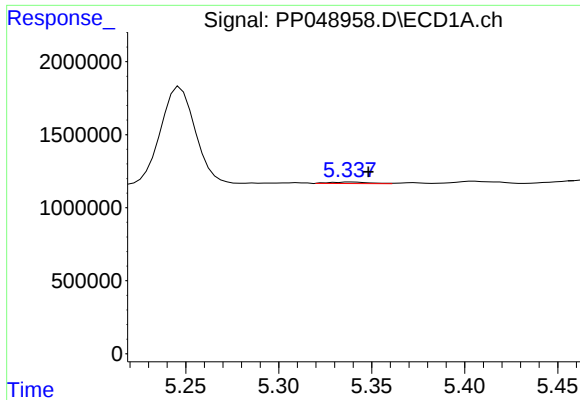
#12 AR-1232-2

R.T.: 5.046 min
Delta R.T.: 0.019 min
Response: 2217703
Conc: 74.51 ng/ml



#12 AR-1232-2

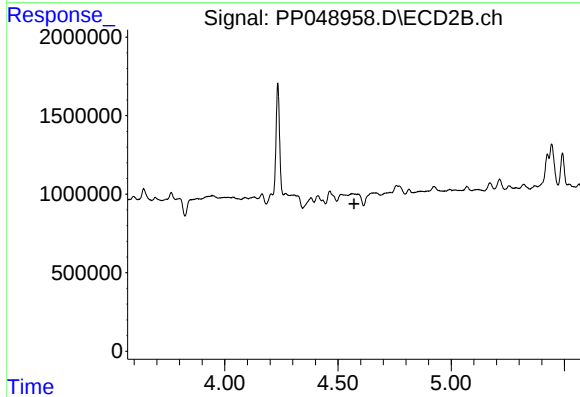
R.T.: 4.381 min
Delta R.T.: -0.004 min
Response: -282807
Conc: N.D.



#13 AR-1232-3

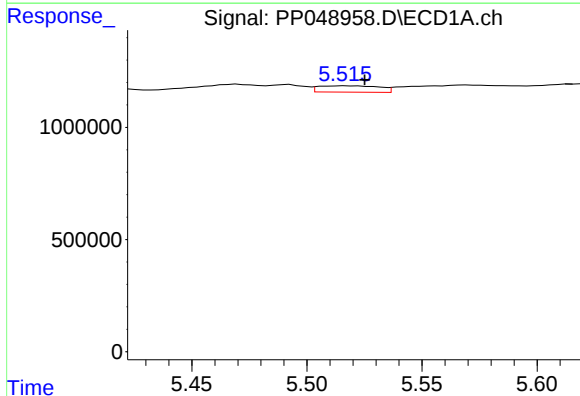
R.T.: 5.339 min
Delta R.T.: -0.009 min
Response: 147170
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



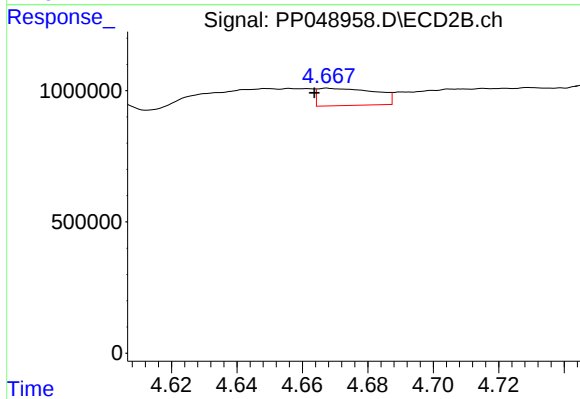
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



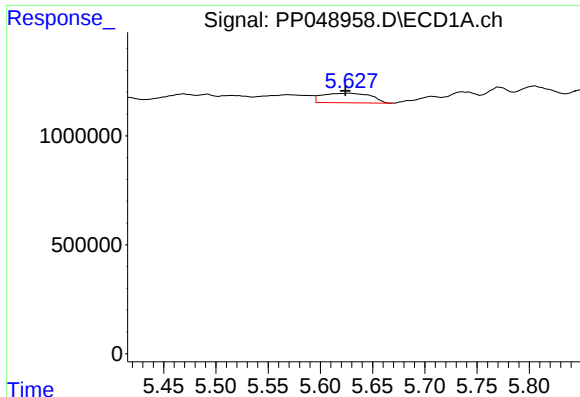
#14 AR-1232-4

R.T.: 5.517 min
Delta R.T.: -0.009 min
Response: 517370
Conc: 18.09 ng/ml



#14 AR-1232-4

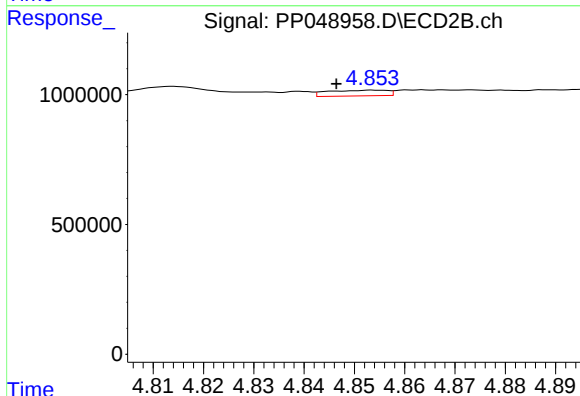
R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 808876
Conc: 37.81 ng/ml



#15 AR-1232-5

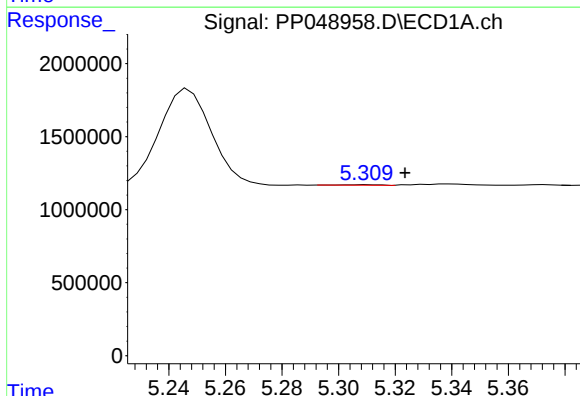
R.T.: 5.628 min
Delta R.T.: 0.004 min
Response: 1420969
Conc: 67.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



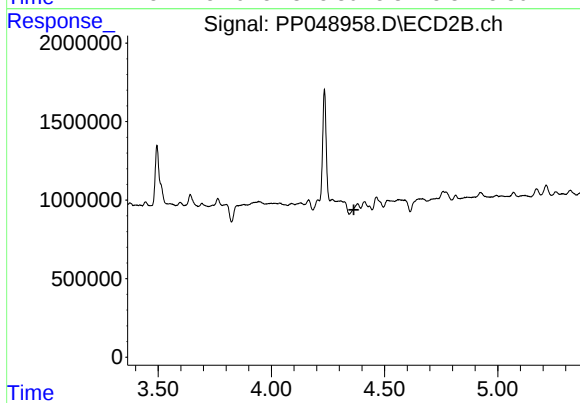
#15 AR-1232-5

R.T.: 4.853 min
Delta R.T.: 0.007 min
Response: 179631
Conc: 7.51 ng/ml



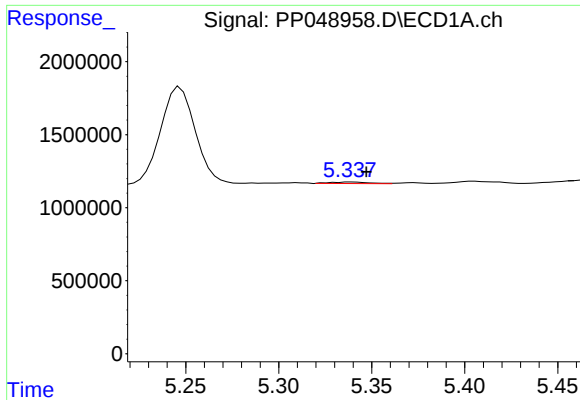
#16 AR-1242-1

R.T.: 5.310 min
Delta R.T.: -0.013 min
Response: 29024
Conc: 0.43 ng/ml



#16 AR-1242-1

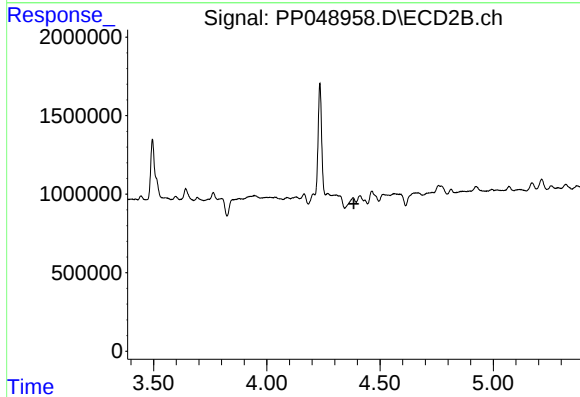
R.T.: 4.381 min
Delta R.T.: 0.016 min
Response: -282807
Conc: N.D.



#17 AR-1242-2

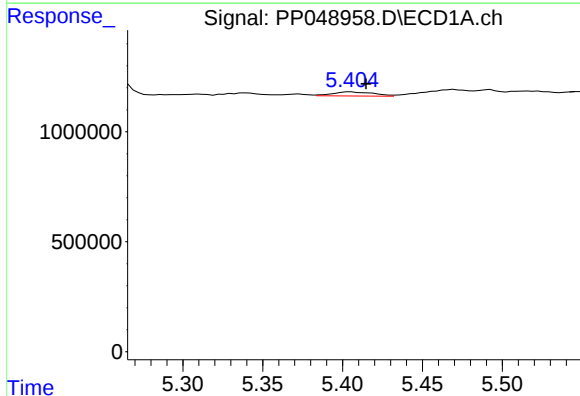
R.T.: 5.339 min
Delta R.T.: -0.008 min
Response: 147170
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



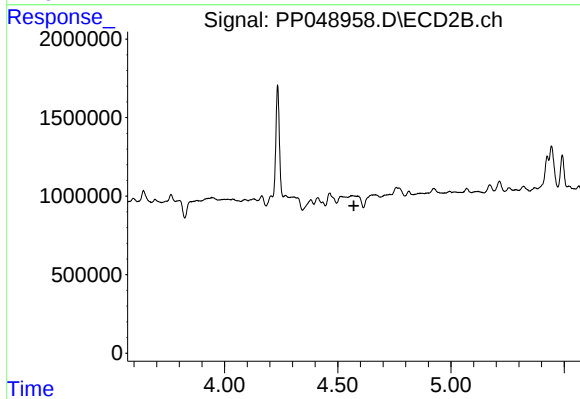
#17 AR-1242-2

R.T.: 4.381 min
Delta R.T.: -0.004 min
Response: -282807
Conc: N.D.



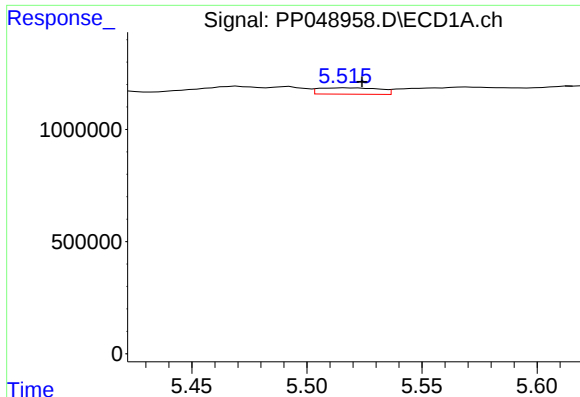
#18 AR-1242-3

R.T.: 5.406 min
Delta R.T.: -0.009 min
Response: 334543
Conc: 5.52 ng/ml



#18 AR-1242-3

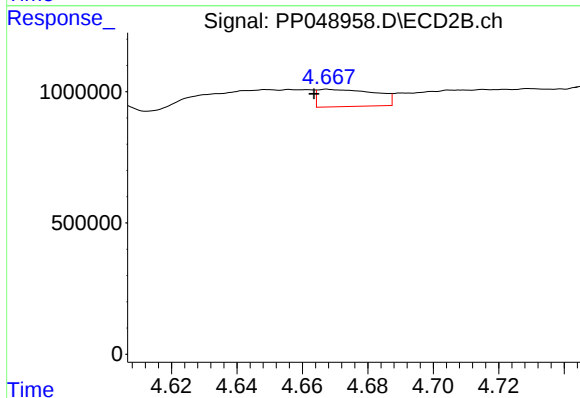
R.T.: 0.000 min
Exp R.T. : 4.571 min
Response: 0
Conc: N.D.



#19 AR-1242-4

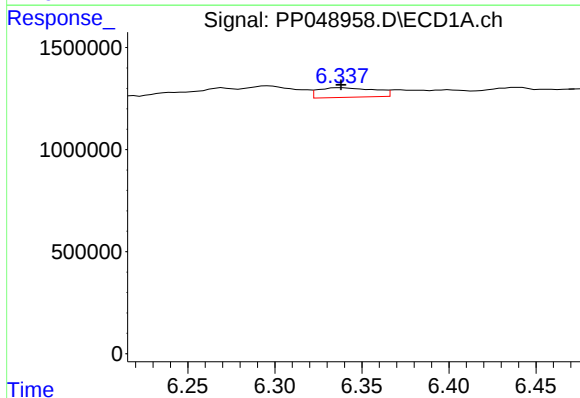
R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 517370
Conc: 10.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



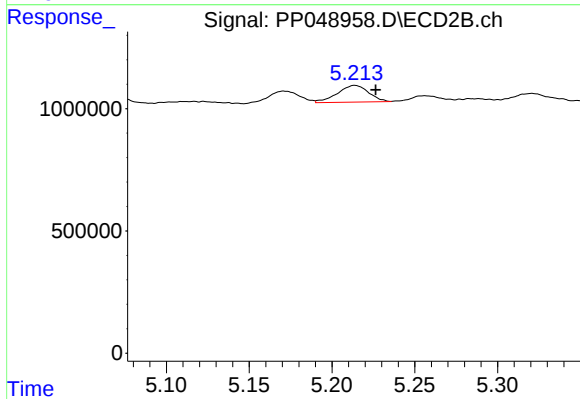
#19 AR-1242-4

R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 808876
Conc: 20.10 ng/ml



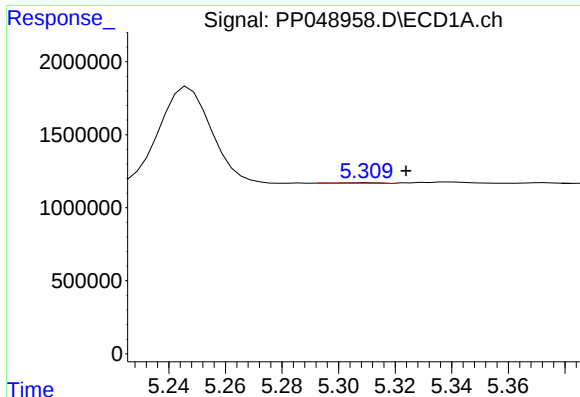
#20 AR-1242-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1066389
Conc: 19.97 ng/ml



#20 AR-1242-5

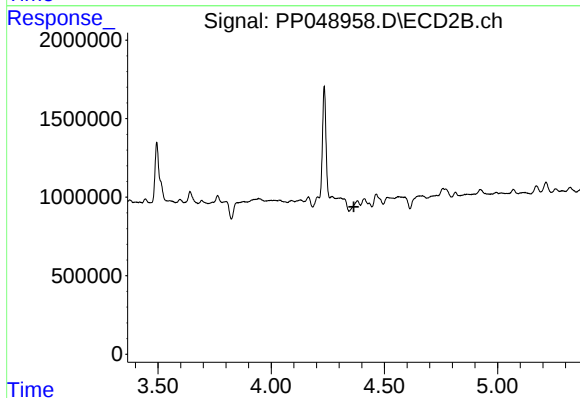
R.T.: 5.214 min
Delta R.T.: -0.013 min
Response: 896453
Conc: 18.15 ng/ml



#21 AR-1248-1

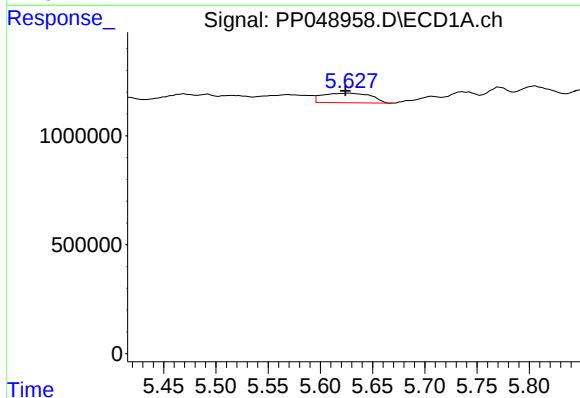
R.T.: 5.310 min
Delta R.T.: -0.014 min
Response: 29024
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



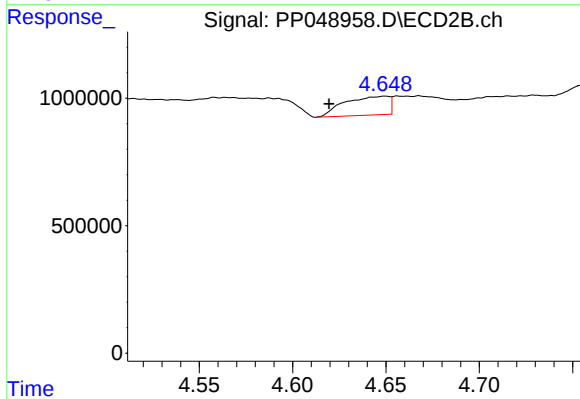
#21 AR-1248-1

R.T.: 4.381 min
Delta R.T.: 0.015 min
Response: -282807
Conc: N.D.



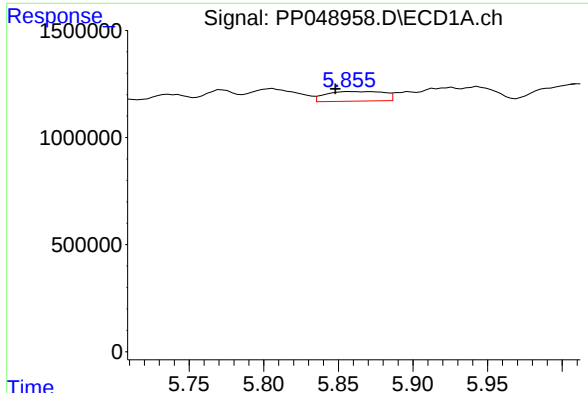
#22 AR-1248-2

R.T.: 5.628 min
Delta R.T.: 0.004 min
Response: 1420969
Conc: 18.90 ng/ml



#22 AR-1248-2

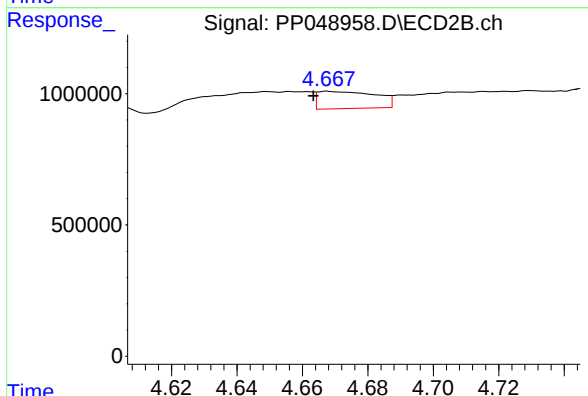
R.T.: 4.649 min
Delta R.T.: 0.030 min
Response: 1216462
Conc: 21.50 ng/ml



#23 AR-1248-3

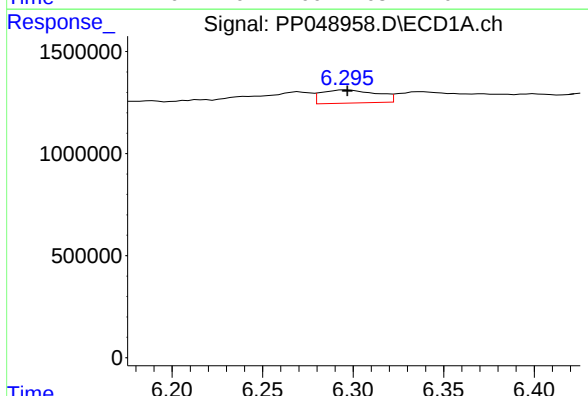
R.T.: 5.858 min
Delta R.T.: 0.010 min
Response: 1215814
Conc: 14.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



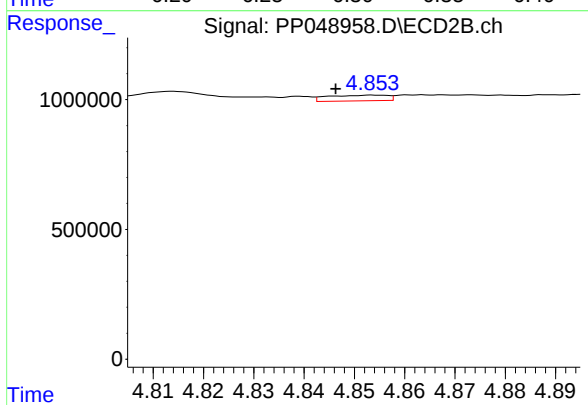
#23 AR-1248-3

R.T.: 4.668 min
Delta R.T.: 0.004 min
Response: 808876
Conc: 13.55 ng/ml



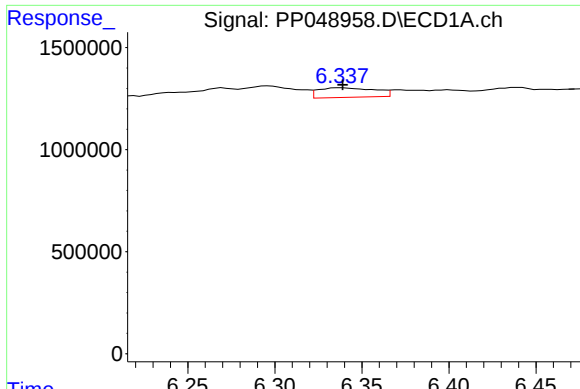
#24 AR-1248-4

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 1385087
Conc: 15.24 ng/ml



#24 AR-1248-4

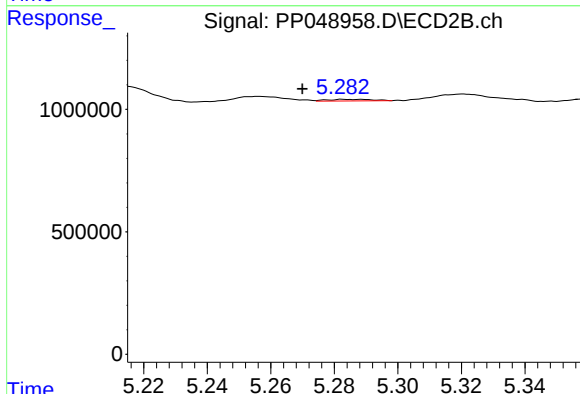
R.T.: 4.853 min
Delta R.T.: 0.007 min
Response: 179631
Conc: 2.57 ng/ml



#25 AR-1248-5

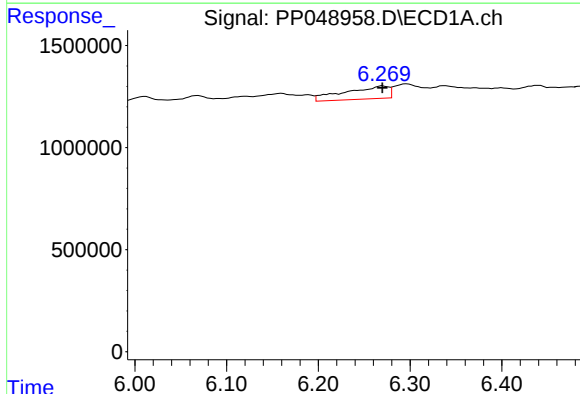
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 1066389
Conc: 12.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



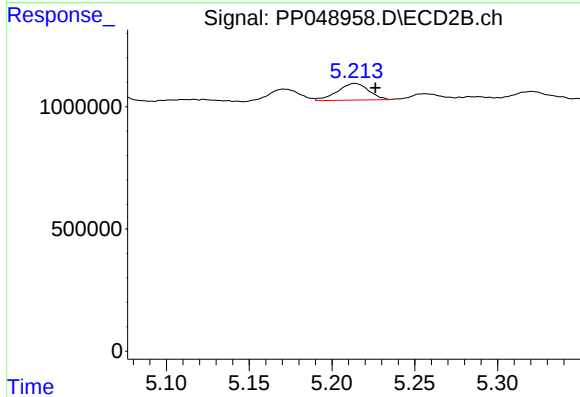
#25 AR-1248-5

R.T.: 5.283 min
Delta R.T.: 0.013 min
Response: 64643
Conc: 0.94 ng/ml



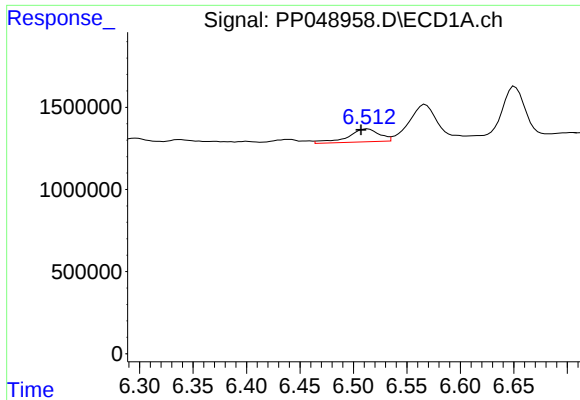
#26 AR-1254-1

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 2073458
Conc: 22.30 ng/ml



#26 AR-1254-1

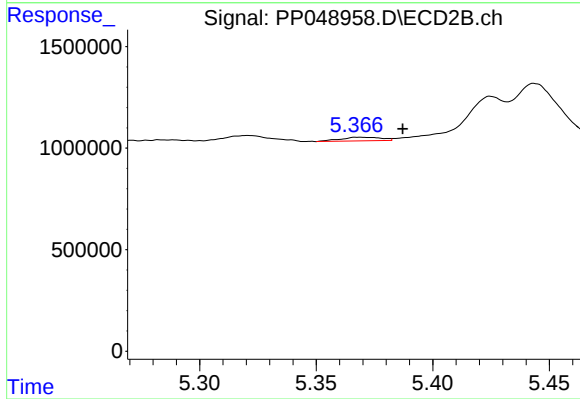
R.T.: 5.214 min
Delta R.T.: -0.013 min
Response: 896453
Conc: 8.87 ng/ml



#27 AR-1254-2

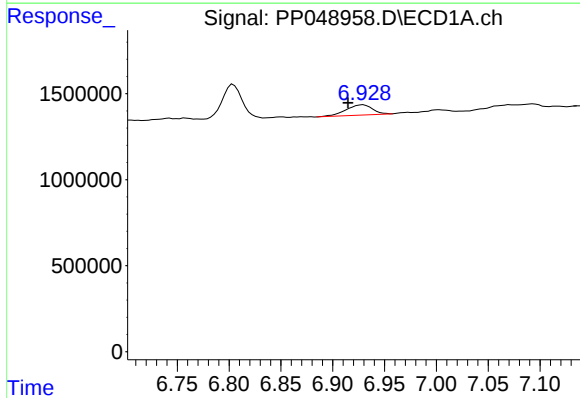
R.T.: 6.514 min
Delta R.T.: 0.006 min
Response: 1617696
Conc: 11.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



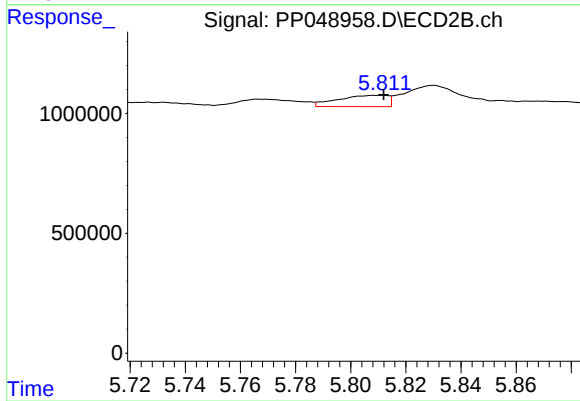
#27 AR-1254-2

R.T.: 5.369 min
Delta R.T.: -0.018 min
Response: 220049
Conc: 2.50 ng/ml



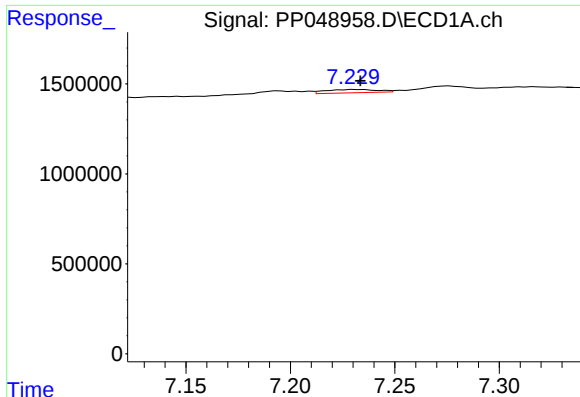
#28 AR-1254-3

R.T.: 6.929 min
Delta R.T.: 0.014 min
Response: 1068691
Conc: 7.52 ng/ml



#28 AR-1254-3

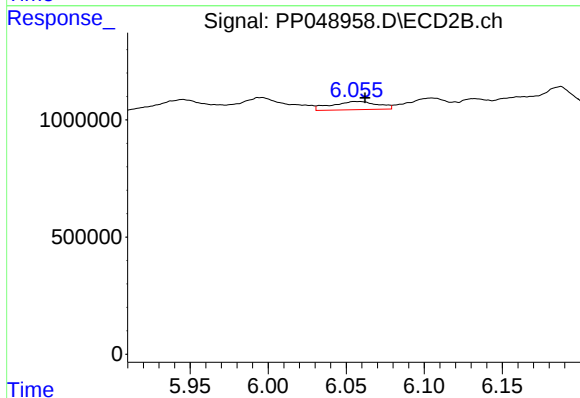
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 598238
Conc: 4.30 ng/ml



#29 AR-1254-4

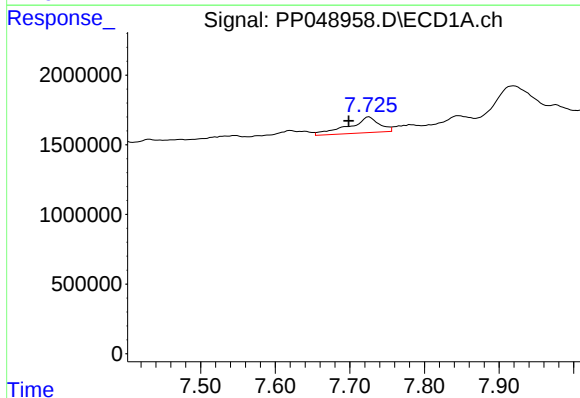
R.T.: 7.231 min
Delta R.T.: -0.003 min
Response: 315231
Conc: 2.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



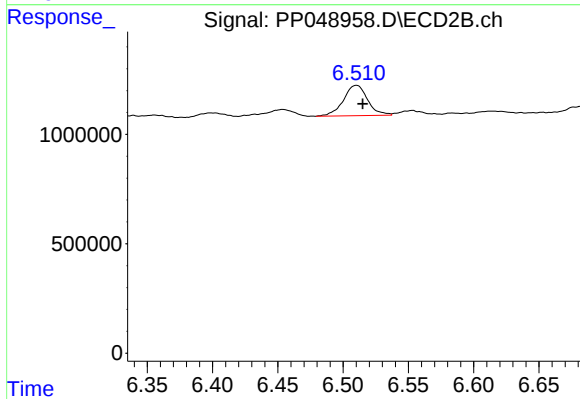
#29 AR-1254-4

R.T.: 6.055 min
Delta R.T.: -0.007 min
Response: 719169
Conc: 8.29 ng/ml



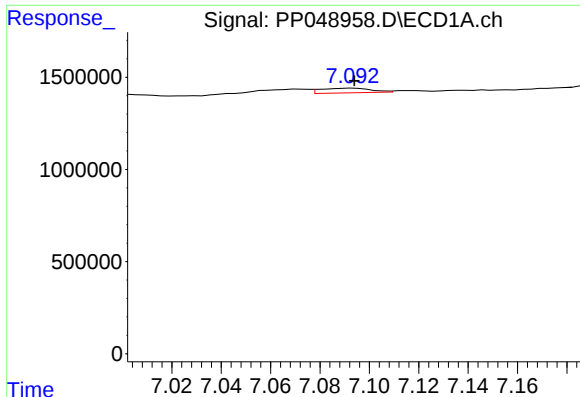
#30 AR-1254-5

R.T.: 7.726 min
Delta R.T.: 0.027 min
Response: 3211545
Conc: 27.05 ng/ml



#30 AR-1254-5

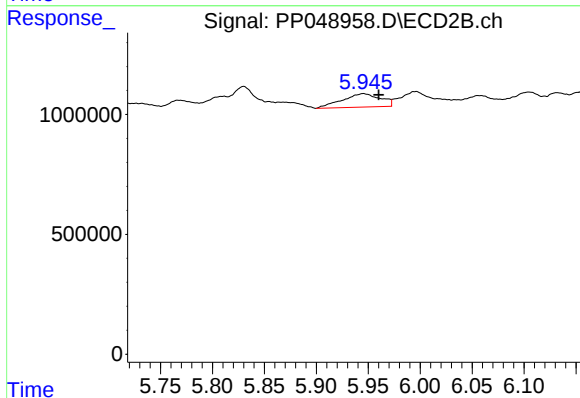
R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 1789964
Conc: 14.59 ng/ml



#31 AR-1260-1

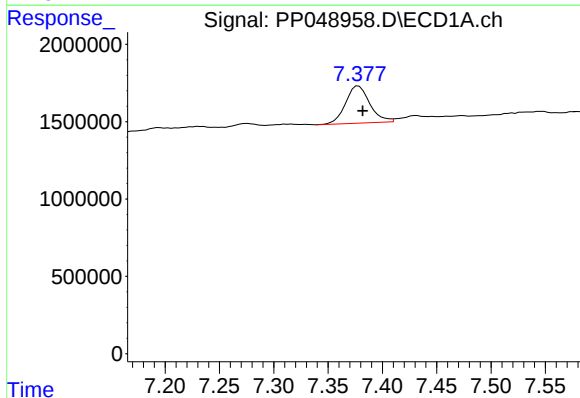
R.T.: 7.093 min
Delta R.T.: 0.000 min
Response: 360625
Conc: 3.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



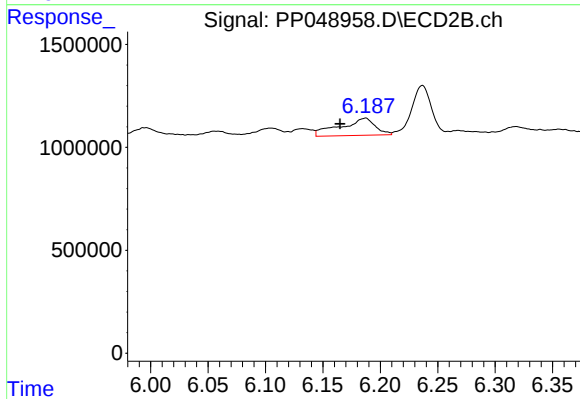
#31 AR-1260-1

R.T.: 5.945 min
Delta R.T.: -0.015 min
Response: 1439052
Conc: 17.05 ng/ml



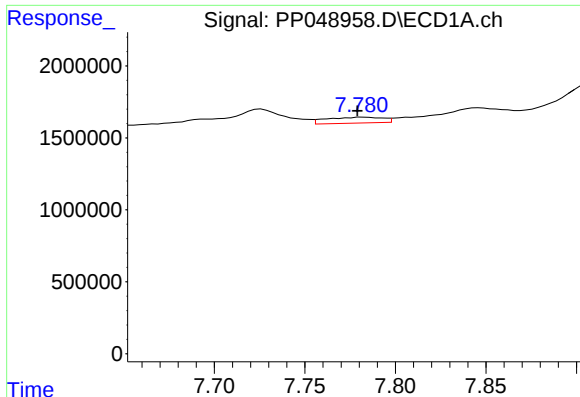
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.004 min
Response: 3719222
Conc: 30.54 ng/ml



#32 AR-1260-2

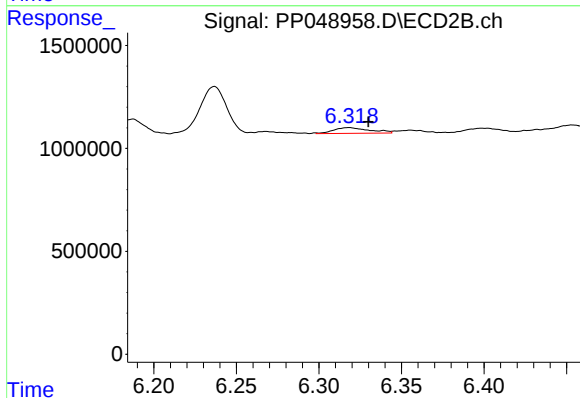
R.T.: 6.187 min
Delta R.T.: 0.022 min
Response: 1763569
Conc: 17.22 ng/ml



#33 AR-1260-3

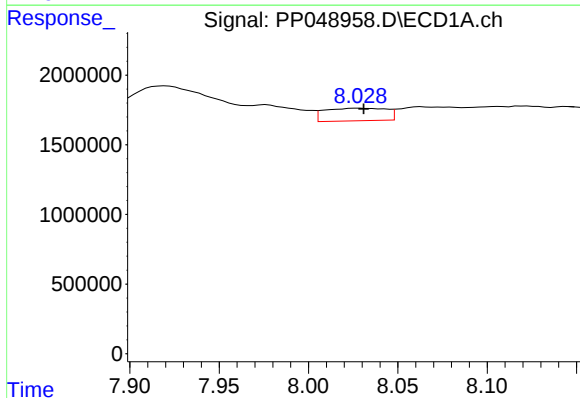
R.T.: 7.782 min
Delta R.T.: 0.003 min
Response: 886523
Conc: 10.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



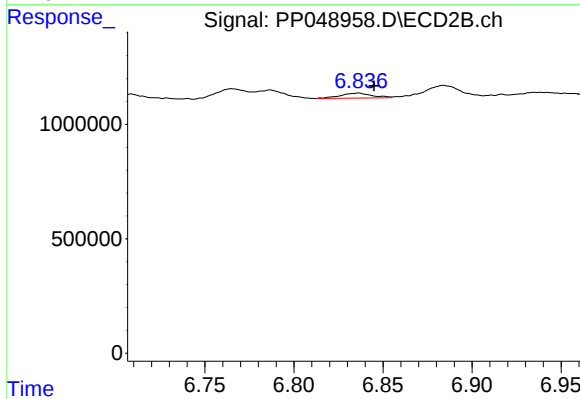
#33 AR-1260-3

R.T.: 6.318 min
Delta R.T.: -0.012 min
Response: 427077
Conc: 4.41 ng/ml



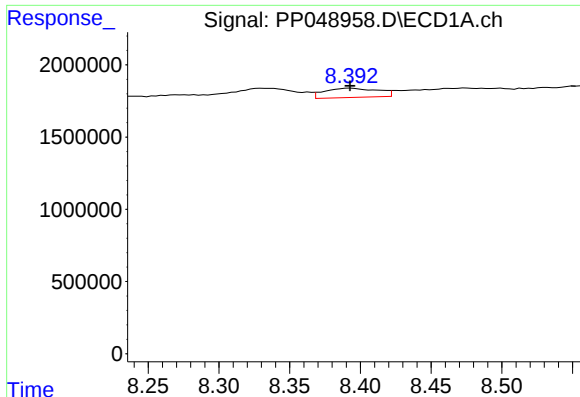
#34 AR-1260-4

R.T.: 8.028 min
Delta R.T.: -0.003 min
Response: 2179940
Conc: 21.07 ng/ml



#34 AR-1260-4

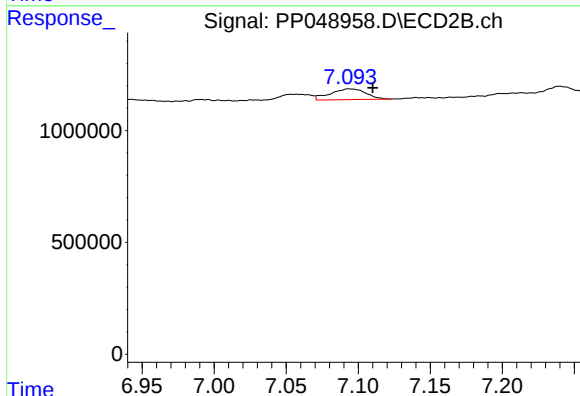
R.T.: 6.836 min
Delta R.T.: -0.009 min
Response: 266833
Conc: 3.77 ng/ml



#35 AR-1260-5

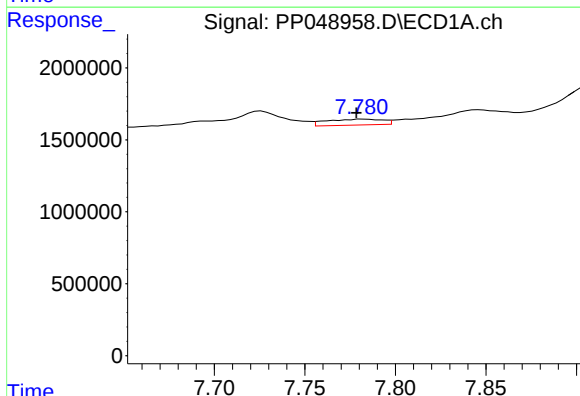
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 1672197
Conc: 8.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



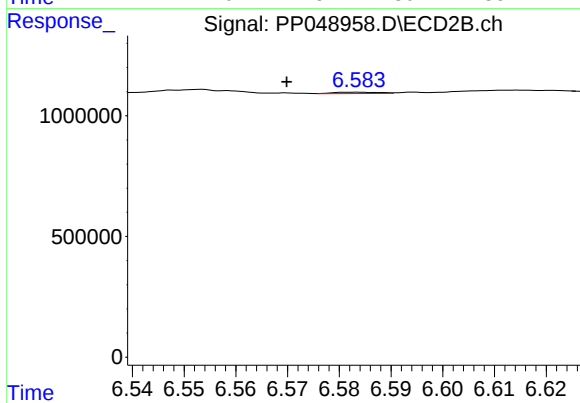
#35 AR-1260-5

R.T.: 7.094 min
Delta R.T.: -0.016 min
Response: 831502
Conc: 5.18 ng/ml



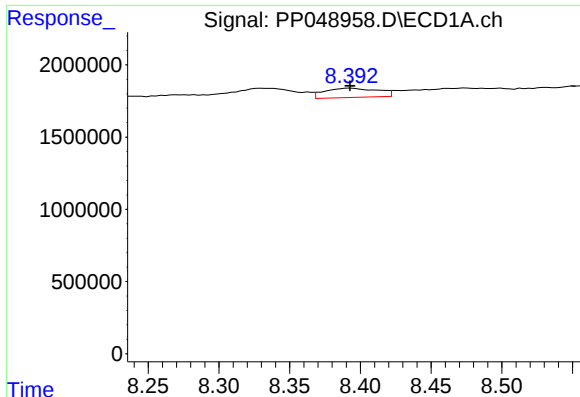
#36 AR-1262-1

R.T.: 7.782 min
Delta R.T.: 0.003 min
Response: 886523
Conc: 6.59 ng/ml



#36 AR-1262-1

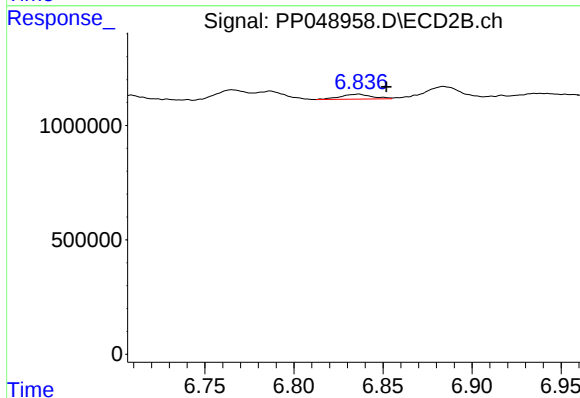
R.T.: 6.583 min
Delta R.T.: 0.013 min
Response: 36193
Conc: 0.32 ng/ml



#37 AR-1262-2

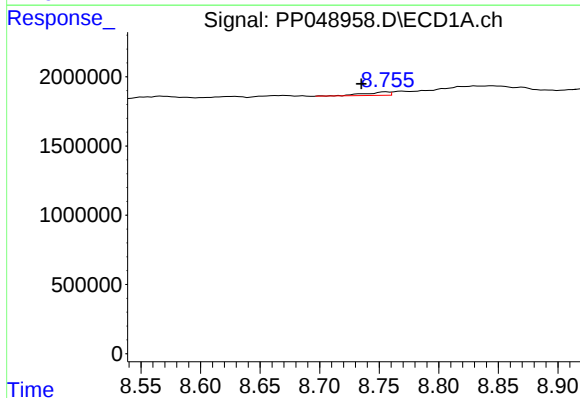
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 1672197
Conc: 7.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



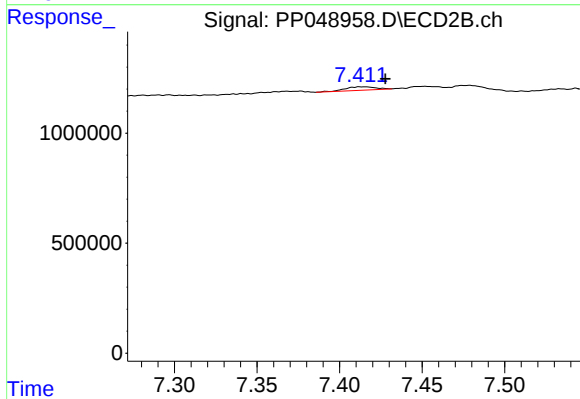
#37 AR-1262-2

R.T.: 6.836 min
Delta R.T.: -0.016 min
Response: 266833
Conc: 2.66 ng/ml



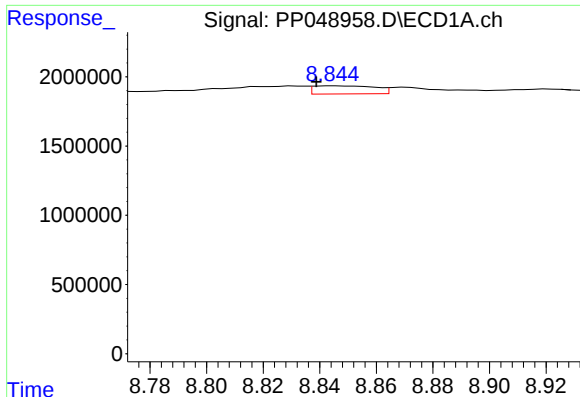
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: 0.021 min
Response: 338775
Conc: 3.46 ng/ml



#38 AR-1262-3

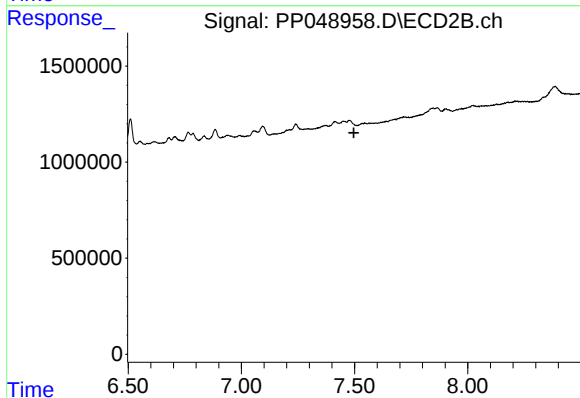
R.T.: 7.415 min
Delta R.T.: -0.012 min
Response: 197971
Conc: 2.64 ng/ml



#39 AR-1262-4

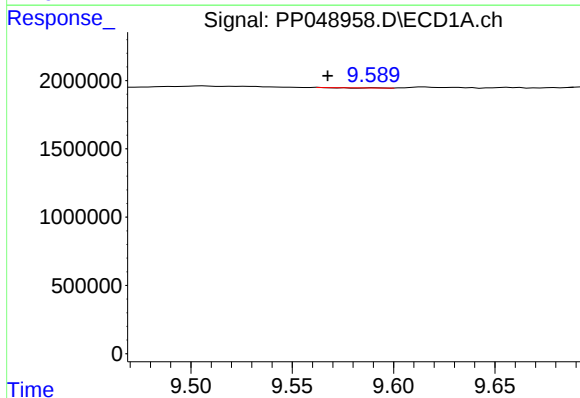
R.T.: 8.845 min
Delta R.T.: 0.006 min
Response: 884835
Conc: 14.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



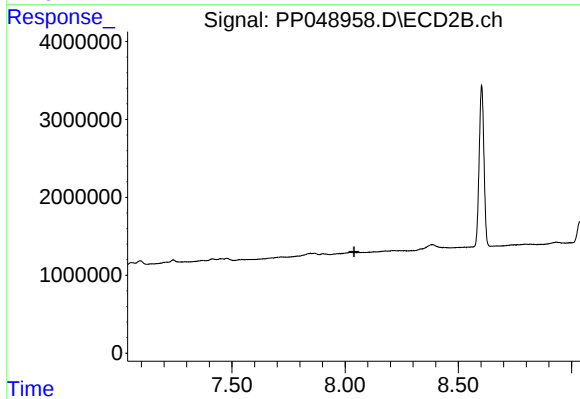
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.497 min
Response: 0
Conc: N.D.



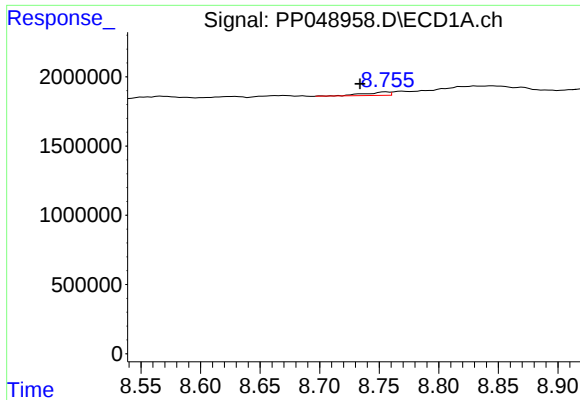
#40 AR-1262-5

R.T.: 9.590 min
Delta R.T.: 0.023 min
Response: 1655
Conc: 0.02 ng/ml



#40 AR-1262-5

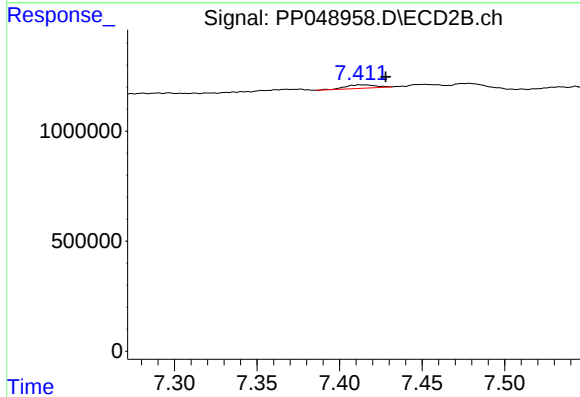
R.T.: 0.000 min
Exp R.T. : 8.039 min
Response: 0
Conc: N.D.



#41 AR-1268-1

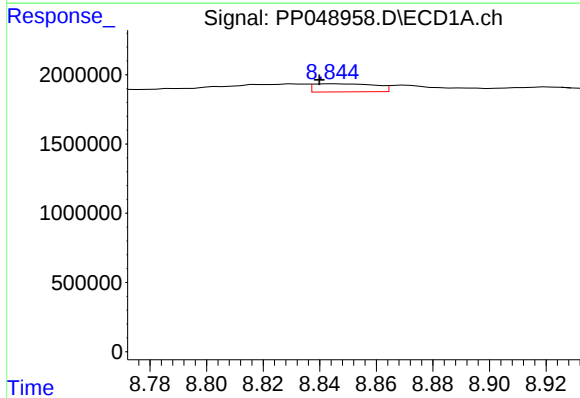
R.T.: 8.756 min
Delta R.T.: 0.022 min
Response: 338775
Conc: 1.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



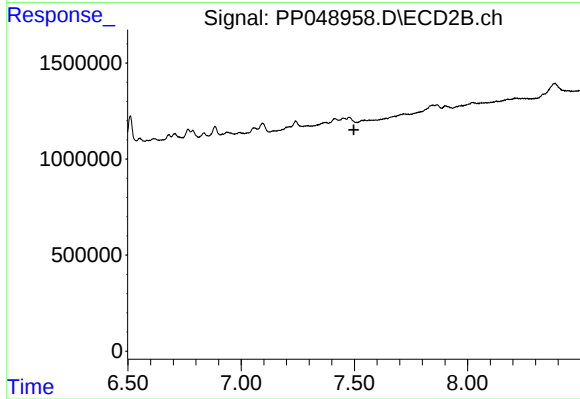
#41 AR-1268-1

R.T.: 7.415 min
Delta R.T.: -0.013 min
Response: 197971
Conc: 0.94 ng/ml



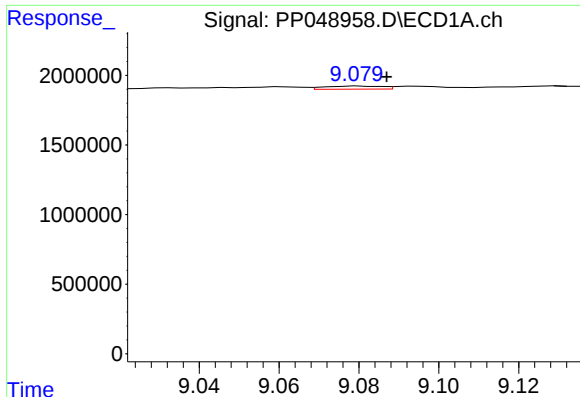
#42 AR-1268-2

R.T.: 8.845 min
Delta R.T.: 0.005 min
Response: 884835
Conc: 3.41 ng/ml



#42 AR-1268-2

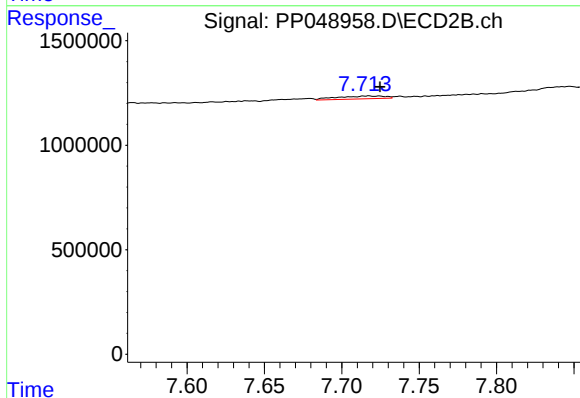
R.T.: 0.000 min
Exp R.T.: 7.498 min
Response: 0
Conc: N.D.



#43 AR-1268-3

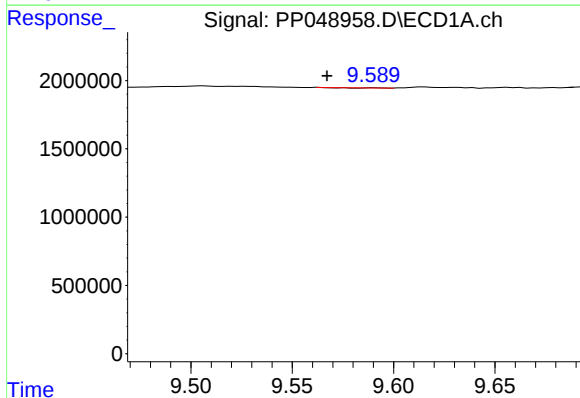
R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 217769
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



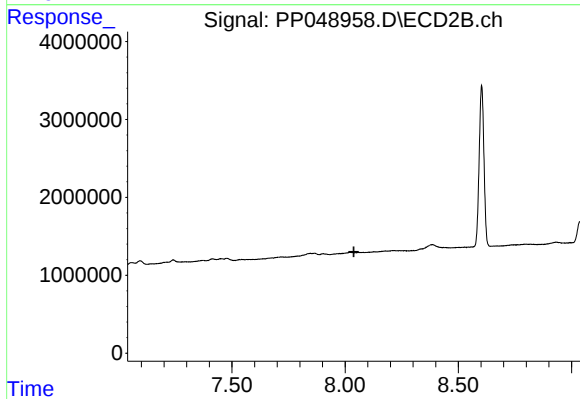
#43 AR-1268-3

R.T.: 7.717 min
Delta R.T.: -0.007 min
Response: 295598
Conc: 1.84 ng/ml



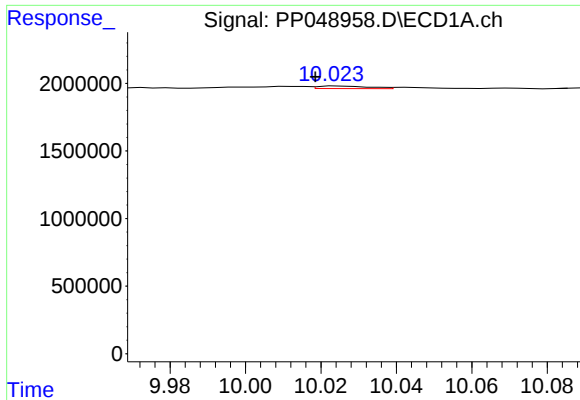
#44 AR-1268-4

R.T.: 9.590 min
Delta R.T.: 0.023 min
Response: 1655
Conc: 0.02 ng/ml



#44 AR-1268-4

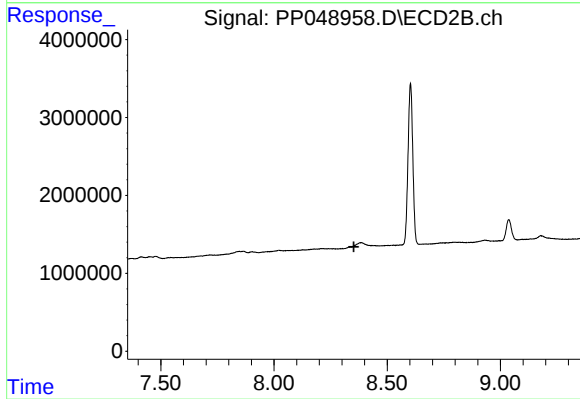
R.T.: 0.000 min
Exp R.T. : 8.039 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.025 min
Delta R.T.: 0.006 min
Response: 183273
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.353 min
Response: 0
Conc: N.D.