

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121923\
 Data File : PP062506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 10:08
 Operator : YP\AJ
 Sample : 05886-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 10:21:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 19 06:30:31 2023
 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...	4.400	3.687	29172643	44415271	14.333	12.952
2)	SA Decachlor...	10.172	8.814	22212758	30243055	17.848	13.503
Target Compounds							
3)	L1 AR-1016-1	0.000	4.798	0	368615	N.D.	3.566 #
4)	L1 AR-1016-2	0.000	4.798f	0	368615	N.D.	2.522 #
5)	L1 AR-1016-3	5.644f	4.998	337658	471204	6.179	5.884
6)	L1 AR-1016-4	0.000	5.043	0	171083	N.D.	2.571 #
7)	L1 AR-1016-5	0.000	5.251	0	663570	N.D.	7.462 #
8)	L2 AR-1221-1	4.606	0.000	2436175	0	99.546	N.D. #
9)	L2 AR-1221-2	4.706	3.993	1567906	996540	84.693	33.100 #
10)	L2 AR-1221-3	4.786	4.075	3369709	3782375	65.168	43.590 #
11)	L3 AR-1232-1	4.786	4.075	3369709	3782375	80.197	54.438 #
12)	L3 AR-1232-2	5.332f	4.798f	812494	368615	34.649	5.505 #
13)	L3 AR-1232-3	0.000	4.998	0	471204	N.D.	12.884 #
14)	L3 AR-1232-4	0.000	5.096	0	1967598	N.D.	56.345 #
15)	L3 AR-1232-5	5.855	5.251	2270443	663570	143.734	17.393 #
16)	L4 AR-1242-1	0.000	4.798	0	368615	N.D.	4.194 #
17)	L4 AR-1242-2	0.000	4.798f	0	368615	N.D.	3.008 #
18)	L4 AR-1242-3	5.644f	4.998	337658	471204	7.551	7.027
19)	L4 AR-1242-4	0.000	5.096	0	1967598	N.D.	28.405 #
20)	L4 AR-1242-5	6.504	5.594f	14604211	17304264	375.459	215.611 #
21)	L5 AR-1248-1	0.000	4.798	0	368615	N.D.	5.595 #
22)	L5 AR-1248-2	5.855	5.039	2270443	156527	38.537	1.625 #
23)	L5 AR-1248-3	0.000	5.096	0	1967598	N.D.	19.406 #
24)	L5 AR-1248-4	6.433f	5.251	2422254	663570	36.094	5.526 #
25)	L5 AR-1248-5	6.504	5.663	14604211	16380715	222.461	151.244 #
26)	L6 AR-1254-1	6.433	5.594f	2422254	17304264	32.336	97.565 #
27)	L6 AR-1254-2	6.677f	5.757	8473141	2461369	74.510	15.936 #
28)	L6 AR-1254-3	7.009	6.197f	21198390	14567016	182.165	60.372 #
29)	L6 AR-1254-4	0.000	6.419	0	217967	N.D.	1.672 #
30)	L6 AR-1254-5	7.732	6.852f	535496	16394917	6.870	81.804 #
31)	L7 AR-1260-1	0.000	6.317	0	5207130	N.D.	30.989 #
32)	L7 AR-1260-2	7.452	6.521f	3067797	16520713	31.782	87.459 #
33)	L7 AR-1260-3	7.802	0.000	696561	0	10.583	N.D. #
34)	L7 AR-1260-4	8.027	0.000	38531670	0	517.335	N.D. #
35)	L7 AR-1260-5	0.000	7.393	0	3304846	N.D.	10.887 #
36)	L8 AR-1262-1	7.890f	0.000	224535	0	5.391	N.D. #
38)	L8 AR-1262-3	0.000	7.655	0	6911389	N.D.	49.784 #
39)	L8 AR-1262-4	0.000	7.732	0	5084917	N.D.	20.889 #
40)	L8 AR-1262-5	9.399	8.211f	5408759	2957026	96.975	27.250 #
41)	L9 AR-1268-1	8.632f	7.655	191860	6911389	0.952	17.194 #
42)	L9 AR-1268-2	0.000	7.732	0	5084917	N.D.	14.170 #

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 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
43) L9	AR-1268-3	9.001f	7.926	-441240	3449581	N.D.	10.781 #
44) L9	AR-1268-4	9.399	8.211f	5408759	2957026	89.015	25.379 #
45) L9	AR-1268-5	9.797f	8.541	190092	879769	0.415	1.063 #

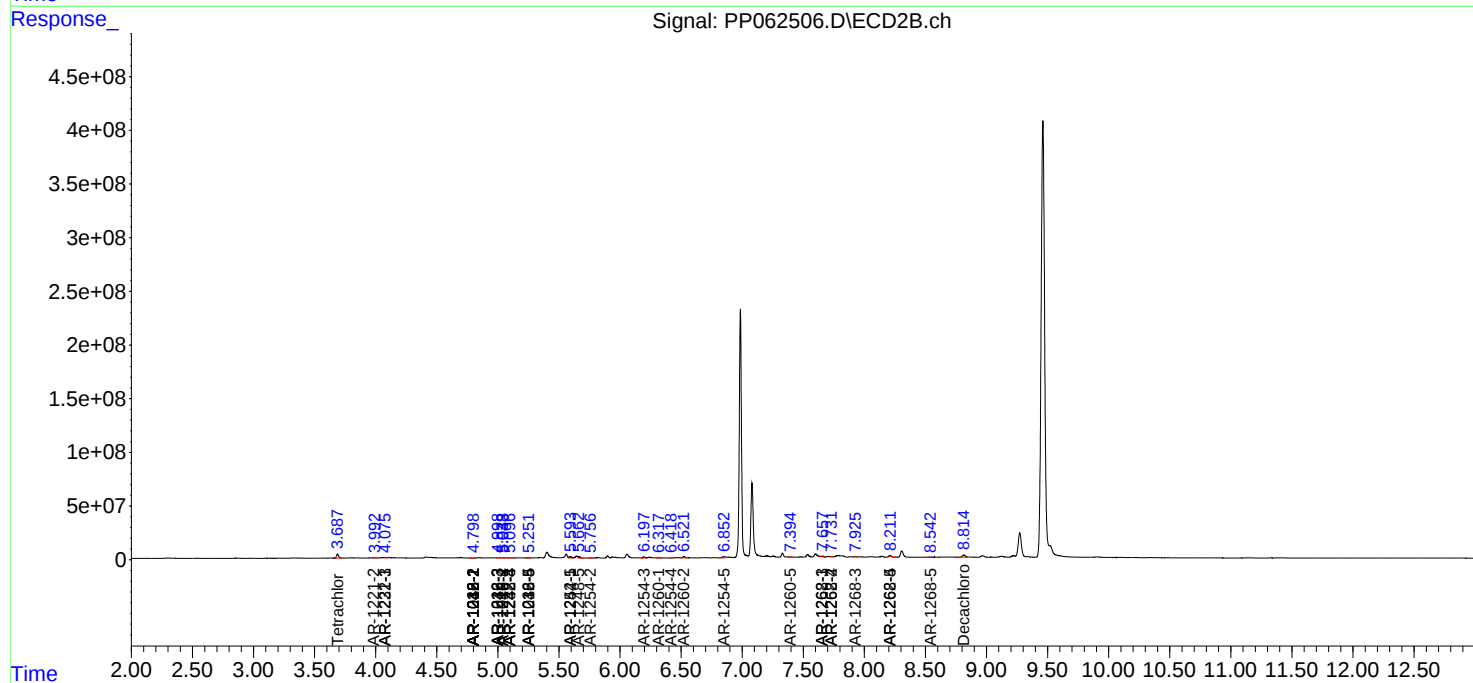
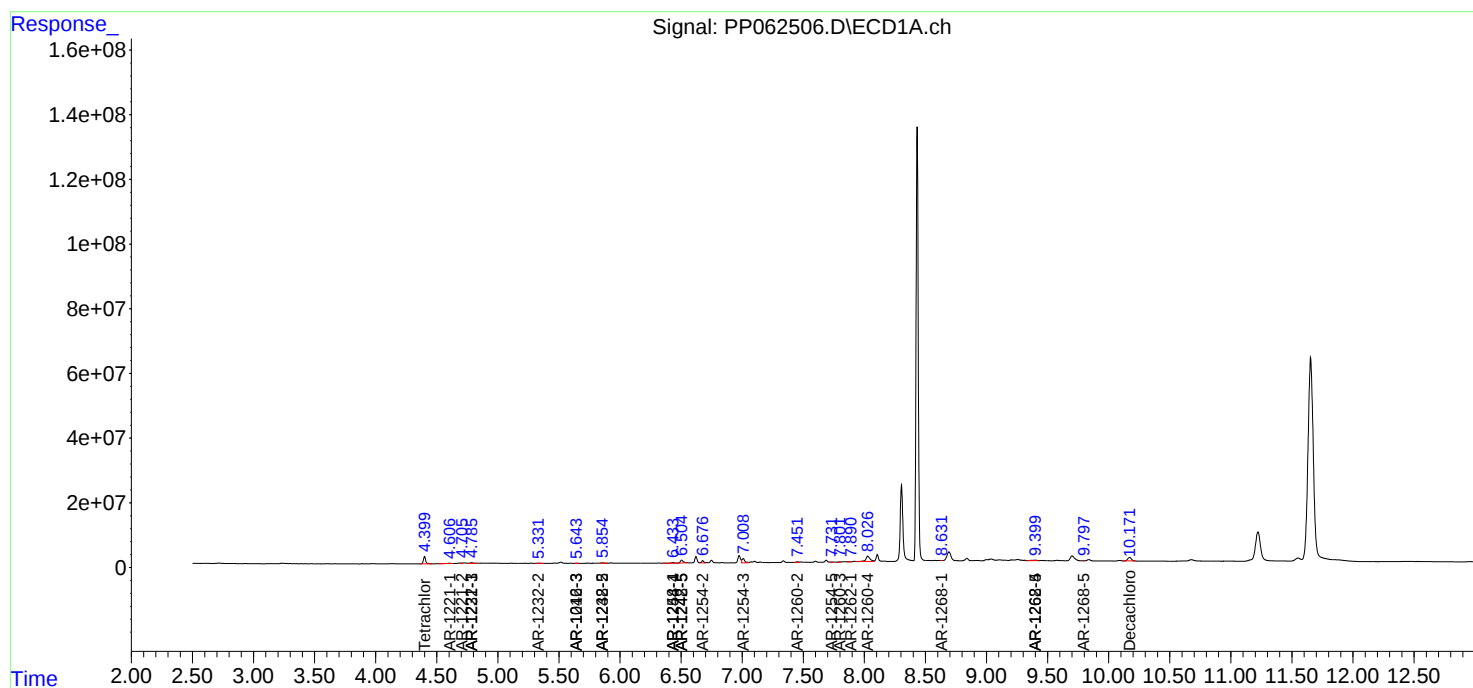
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

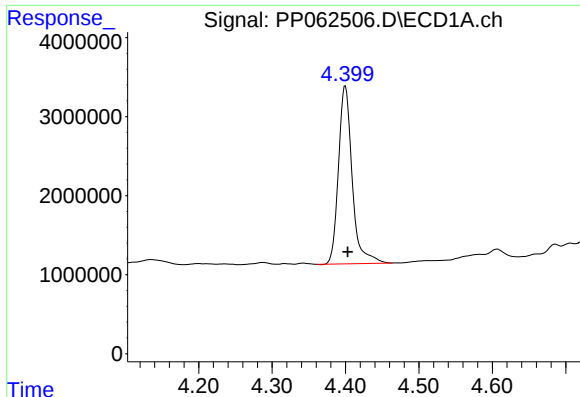
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

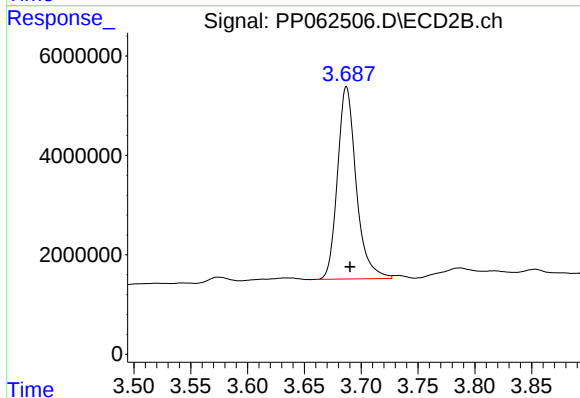




#1 Tetrachloro-m-xylene

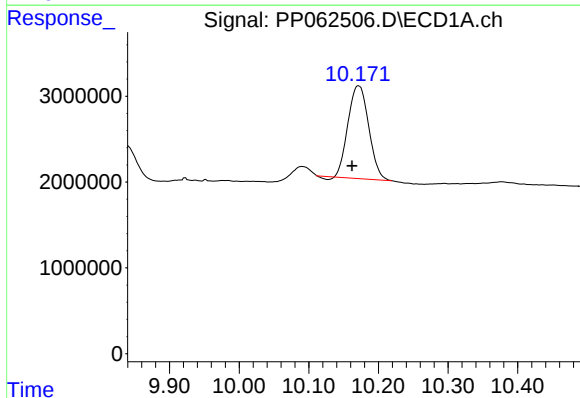
R.T.: 4.400 min
Delta R.T.: -0.003 min
Response: 29172643
Conc: 14.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



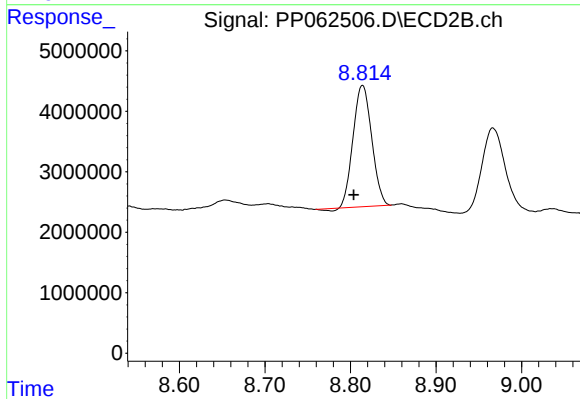
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.003 min
Response: 44415271
Conc: 12.95 ng/ml



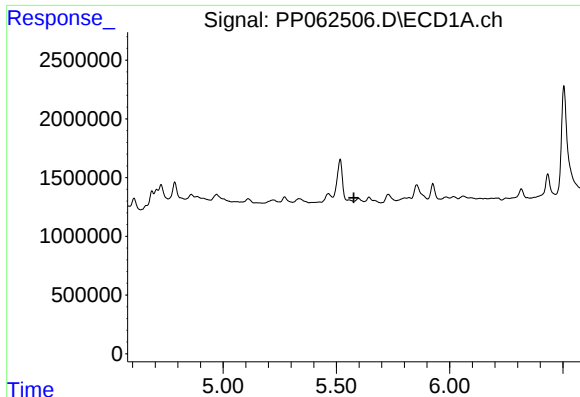
#2 Decachlorobiphenyl

R.T.: 10.172 min
Delta R.T.: 0.009 min
Response: 22212758
Conc: 17.85 ng/ml



#2 Decachlorobiphenyl

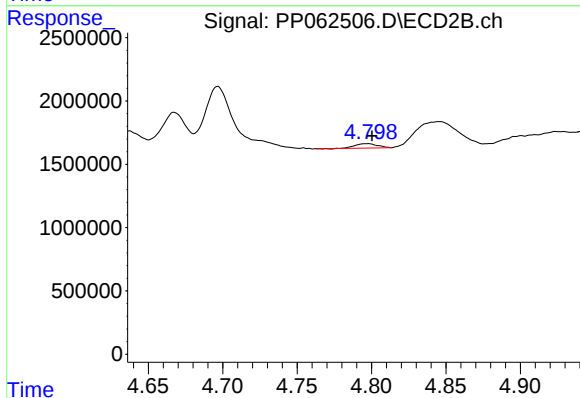
R.T.: 8.814 min
Delta R.T.: 0.010 min
Response: 30243055
Conc: 13.50 ng/ml



#3 AR-1016-1

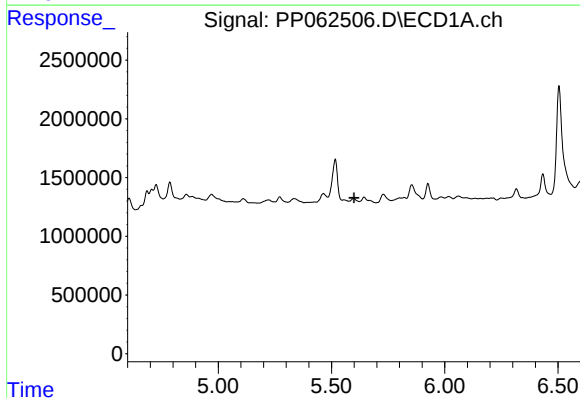
R.T.: 0.000 min
Exp R.T.: 5.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



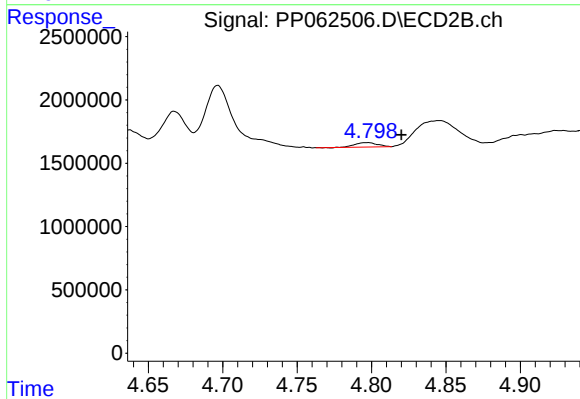
#3 AR-1016-1

R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 368615
Conc: 3.57 ng/ml



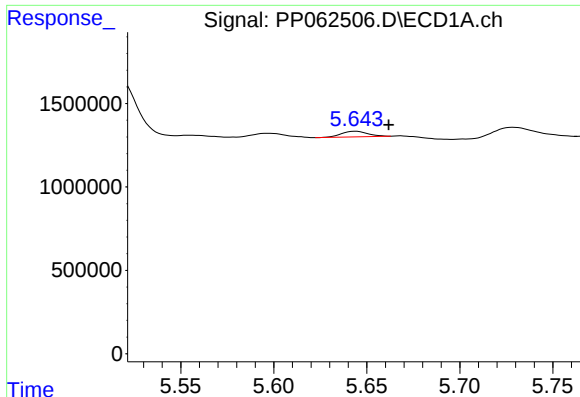
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.600 min
Response: 0
Conc: N.D.



#4 AR-1016-2

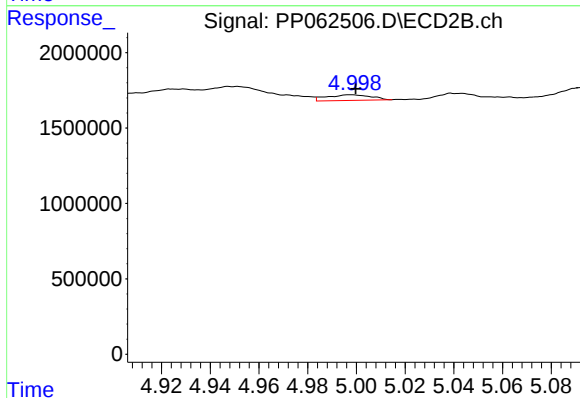
R.T.: 4.798 min
Delta R.T.: -0.022 min
Response: 368615
Conc: 2.52 ng/ml



#5 AR-1016-3

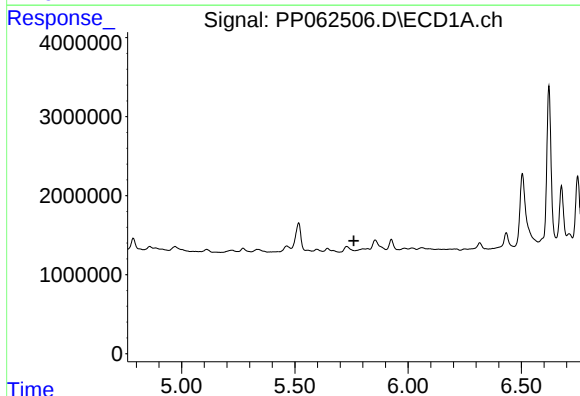
R.T.: 5.644 min
Delta R.T.: -0.018 min
Response: 337658
Conc: 6.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



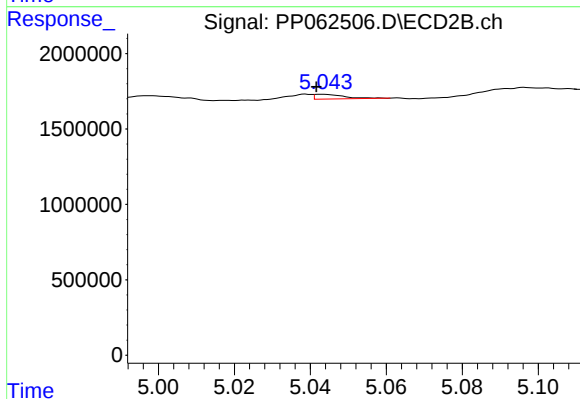
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 471204
Conc: 5.88 ng/ml



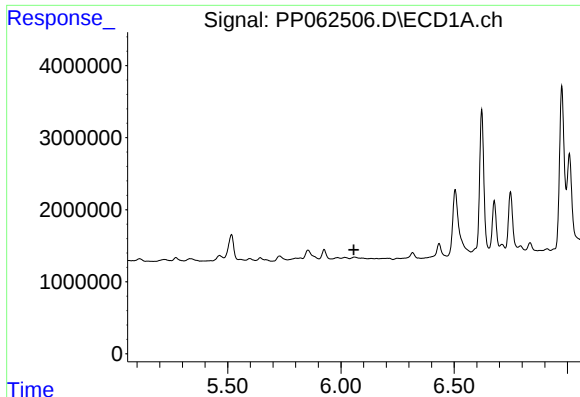
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.760 min
Response: 0
Conc: N.D.



#6 AR-1016-4

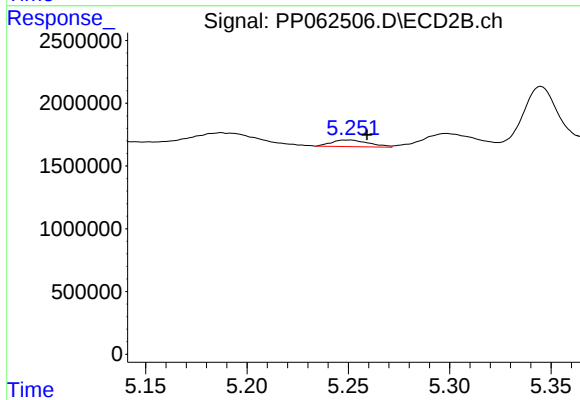
R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 171083
Conc: 2.57 ng/ml



#7 AR-1016-5

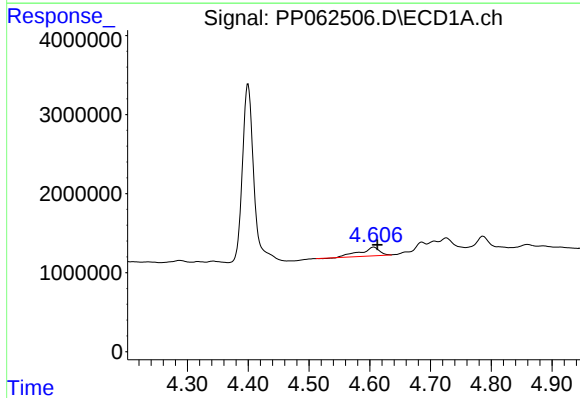
R.T.: 0.000 min
Exp R.T.: 6.057 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



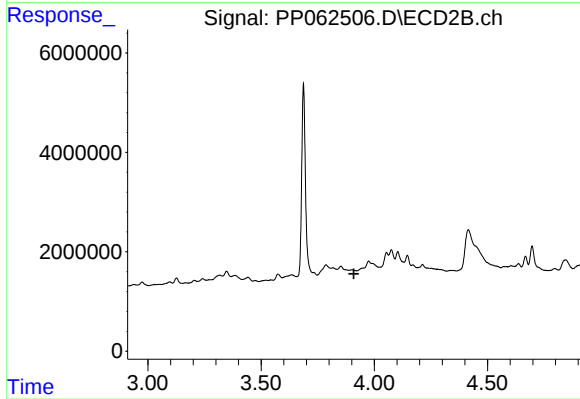
#7 AR-1016-5

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 663570
Conc: 7.46 ng/ml



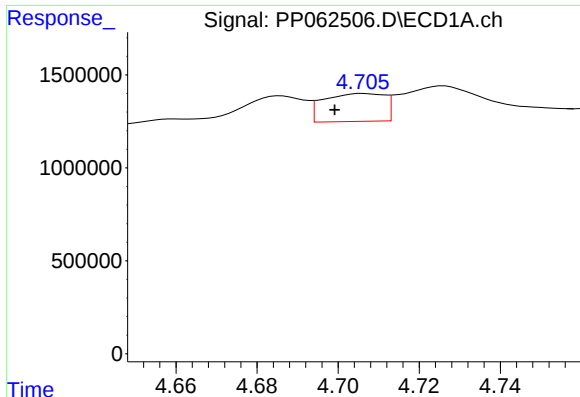
#8 AR-1221-1

R.T.: 4.606 min
Delta R.T.: -0.006 min
Response: 2436175
Conc: 99.55 ng/ml



#8 AR-1221-1

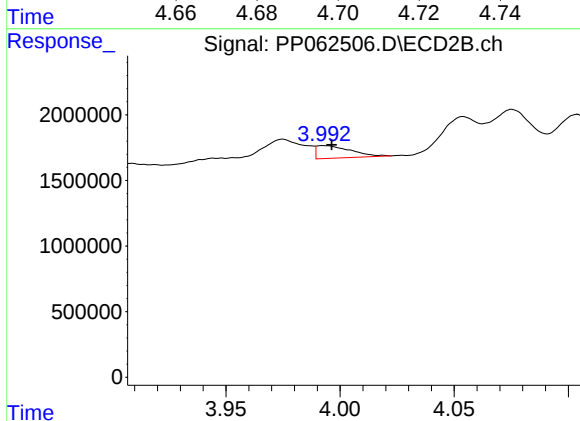
R.T.: 0.000 min
Exp R.T.: 3.910 min
Response: 0
Conc: N.D.



#9 AR-1221-2

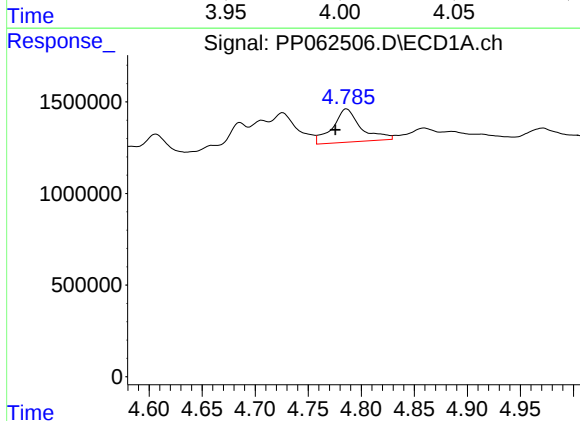
R.T.: 4.706 min
Delta R.T.: 0.007 min
Response: 1567906
Conc: 84.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



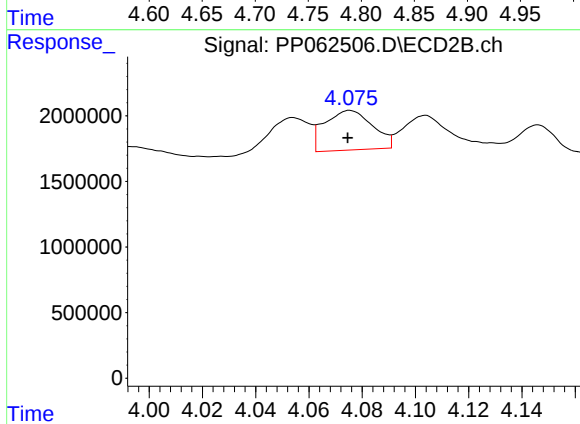
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: -0.004 min
Response: 996540
Conc: 33.10 ng/ml



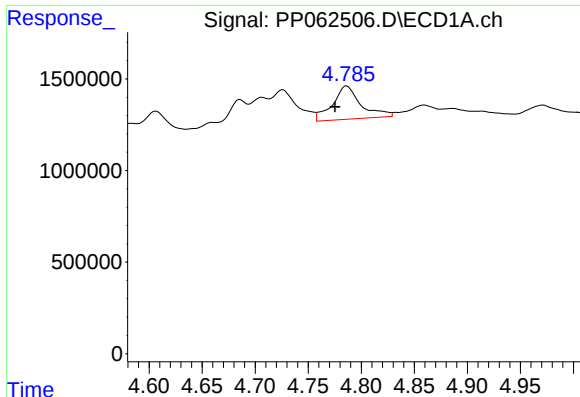
#10 AR-1221-3

R.T.: 4.786 min
Delta R.T.: 0.011 min
Response: 3369709
Conc: 65.17 ng/ml



#10 AR-1221-3

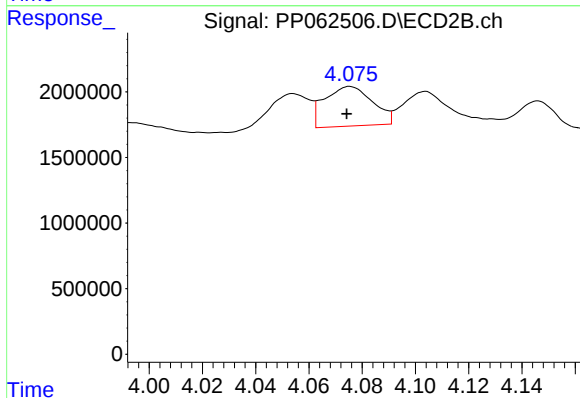
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 3782375
Conc: 43.59 ng/ml



#11 AR-1232-1

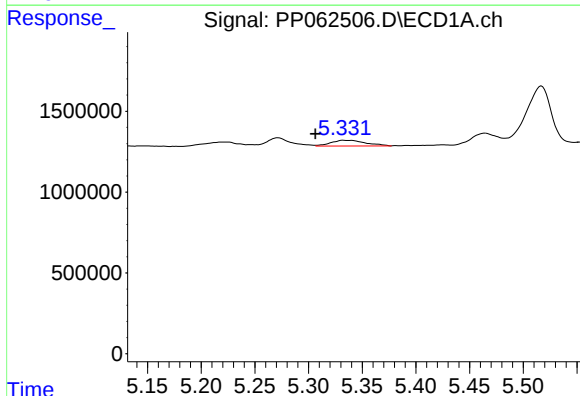
R.T.: 4.786 min
Delta R.T.: 0.011 min
Response: 3369709
Conc: 80.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



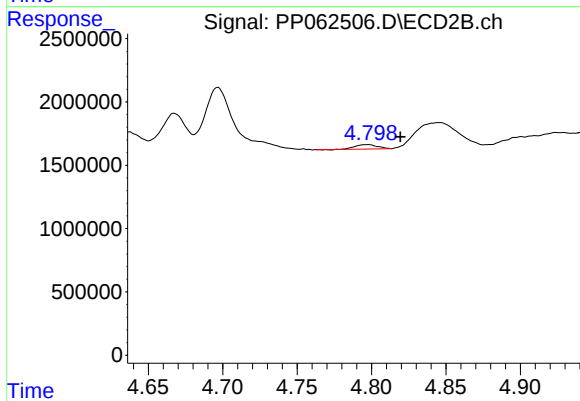
#11 AR-1232-1

R.T.: 4.075 min
Delta R.T.: 0.001 min
Response: 3782375
Conc: 54.44 ng/ml



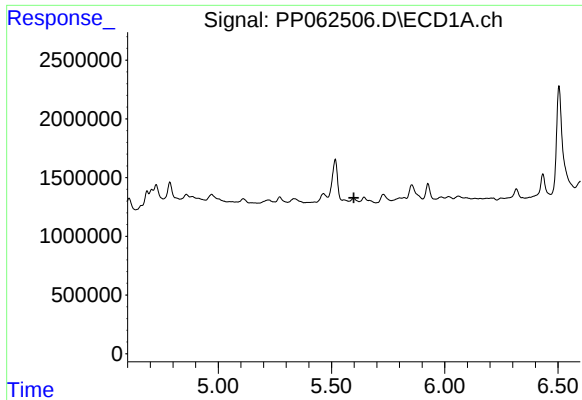
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.026 min
Response: 812494
Conc: 34.65 ng/ml



#12 AR-1232-2

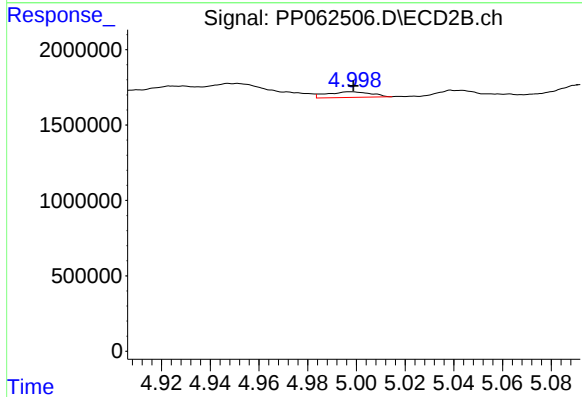
R.T.: 4.798 min
Delta R.T.: -0.022 min
Response: 368615
Conc: 5.50 ng/ml



#13 AR-1232-3

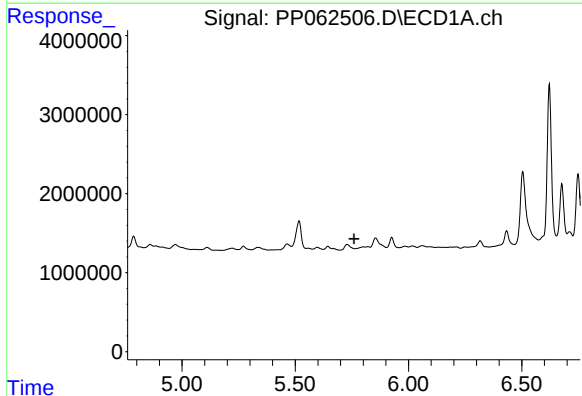
R.T.: 0.000 min
Exp R.T.: 5.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



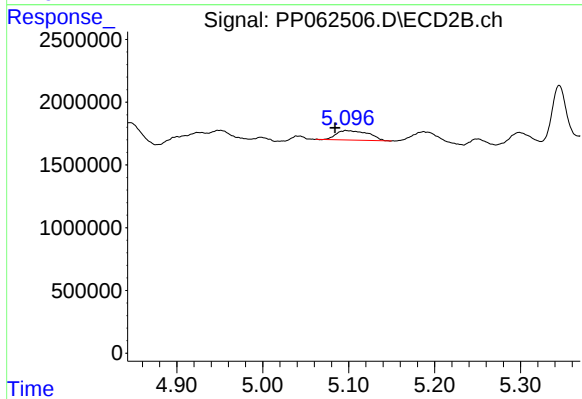
#13 AR-1232-3

R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 471204
Conc: 12.88 ng/ml



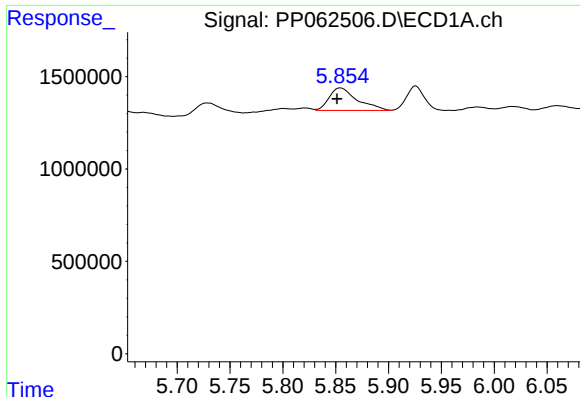
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.



#14 AR-1232-4

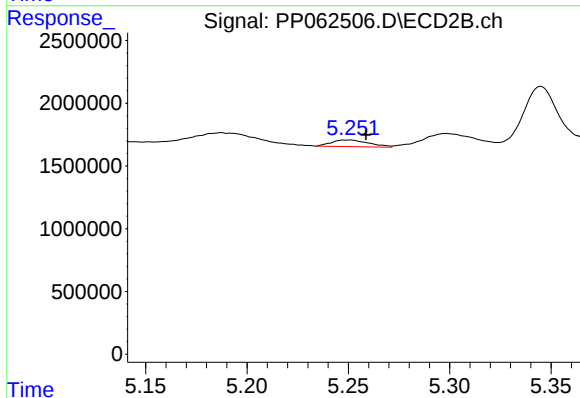
R.T.: 5.096 min
Delta R.T.: 0.012 min
Response: 1967598
Conc: 56.35 ng/ml



#15 AR-1232-5

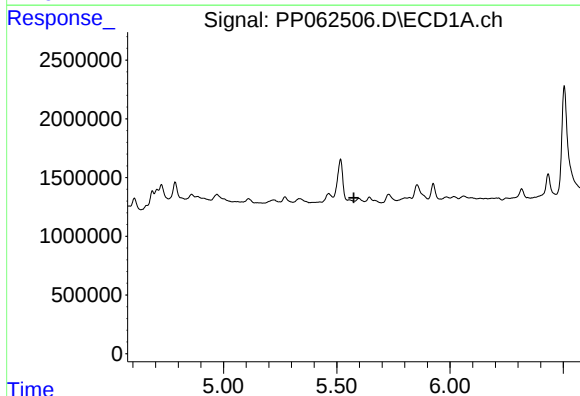
R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 2270443
Conc: 143.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



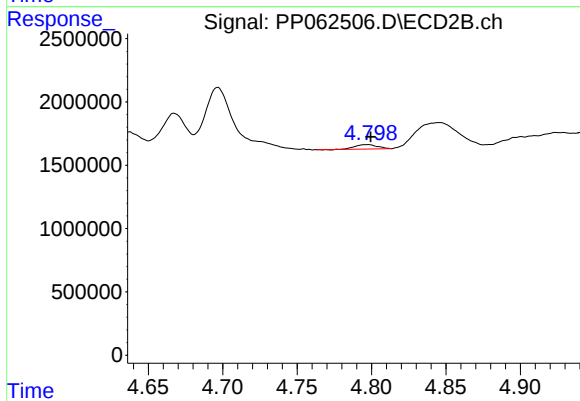
#15 AR-1232-5

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 663570
Conc: 17.39 ng/ml



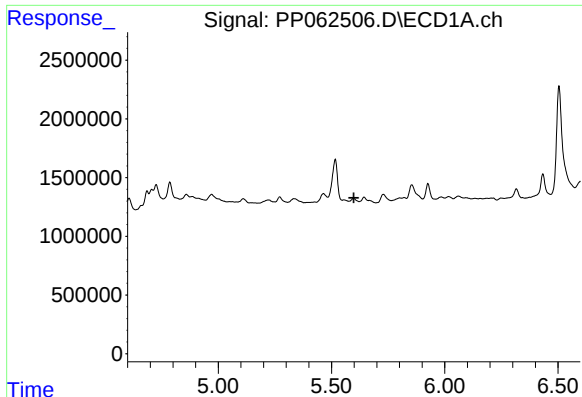
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.575 min
Response: 0
Conc: N.D.



#16 AR-1242-1

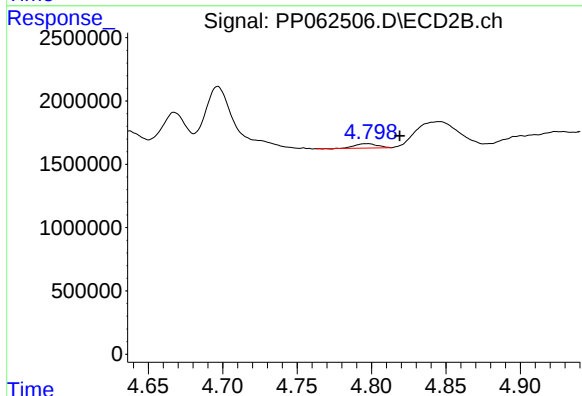
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 368615
Conc: 4.19 ng/ml



#17 AR-1242-2

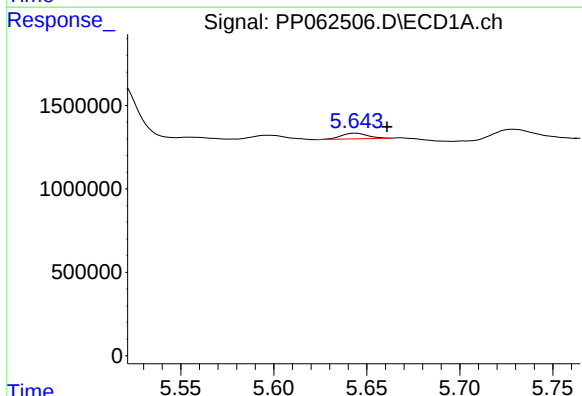
R.T.: 0.000 min
Exp R.T.: 5.599 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



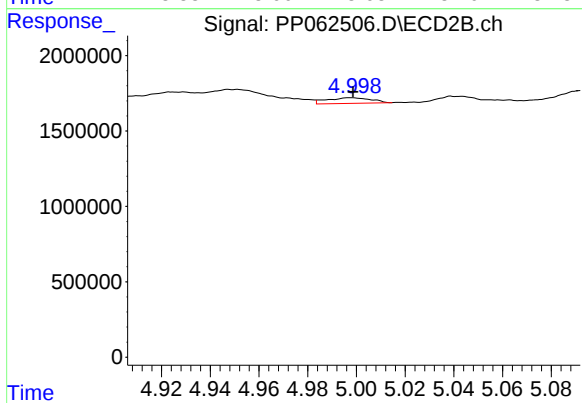
#17 AR-1242-2

R.T.: 4.798 min
Delta R.T.: -0.021 min
Response: 368615
Conc: 3.01 ng/ml



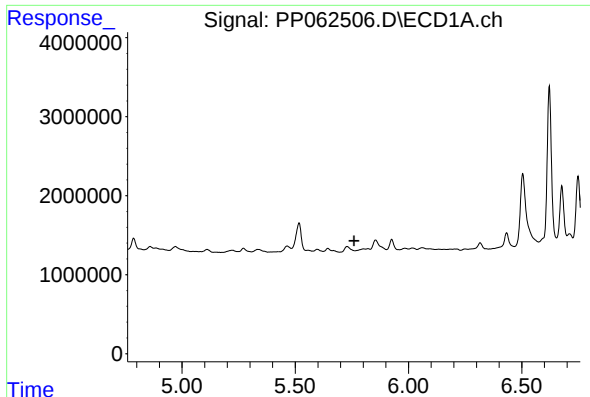
#18 AR-1242-3

R.T.: 5.644 min
Delta R.T.: -0.017 min
Response: 337658
Conc: 7.55 ng/ml



#18 AR-1242-3

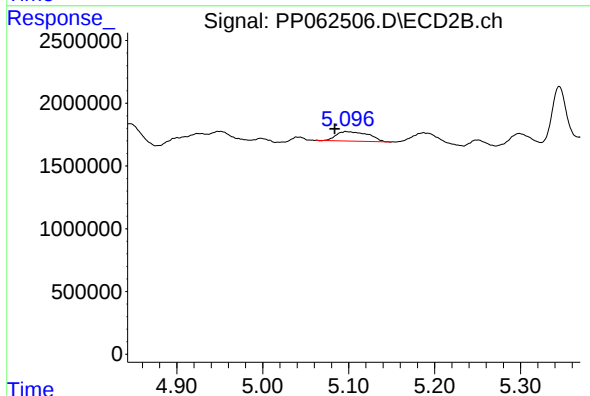
R.T.: 4.998 min
Delta R.T.: 0.000 min
Response: 471204
Conc: 7.03 ng/ml



#19 AR-1242-4

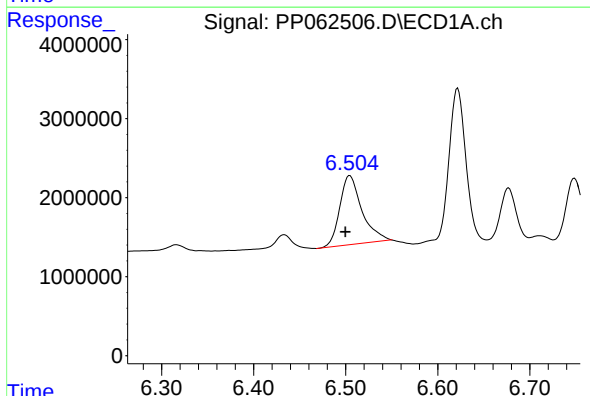
R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



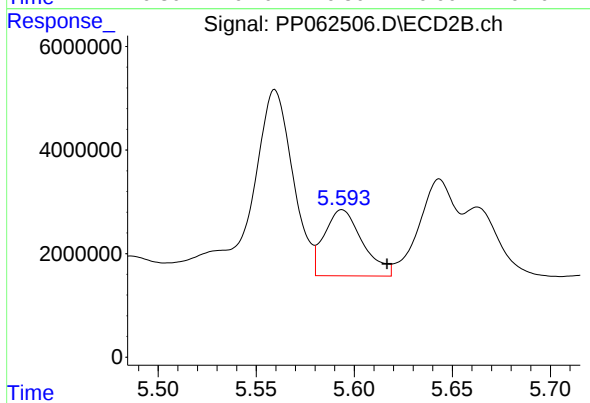
#19 AR-1242-4

R.T.: 5.096 min
Delta R.T.: 0.012 min
Response: 1967598
Conc: 28.40 ng/ml



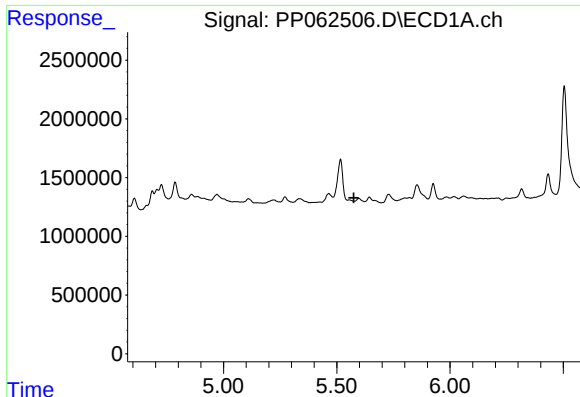
#20 AR-1242-5

R.T.: 6.504 min
Delta R.T.: 0.005 min
Response: 14604211
Conc: 375.46 ng/ml



#20 AR-1242-5

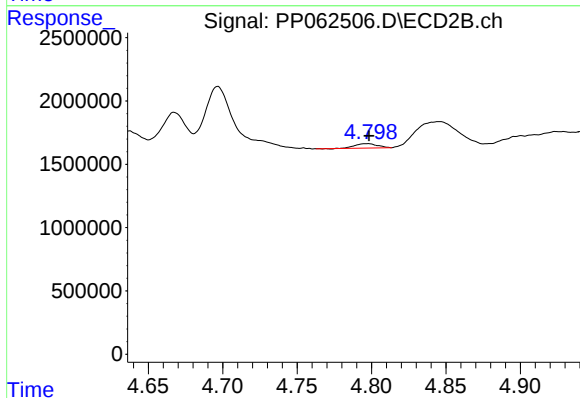
R.T.: 5.594 min
Delta R.T.: -0.023 min
Response: 17304264
Conc: 215.61 ng/ml



#21 AR-1248-1

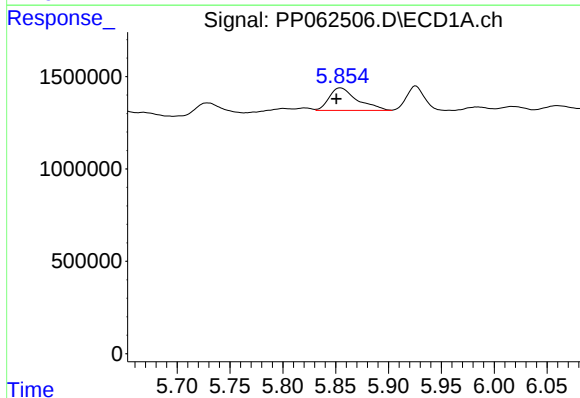
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



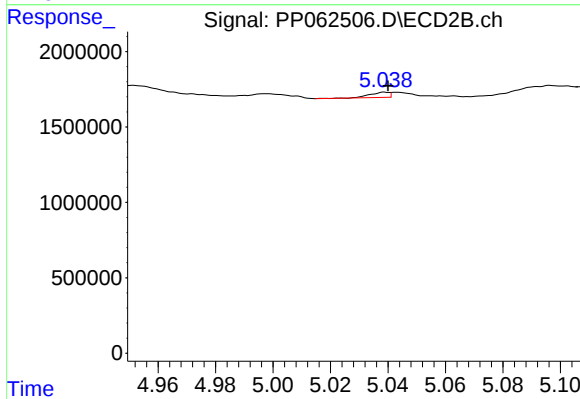
#21 AR-1248-1

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 368615
Conc: 5.59 ng/ml



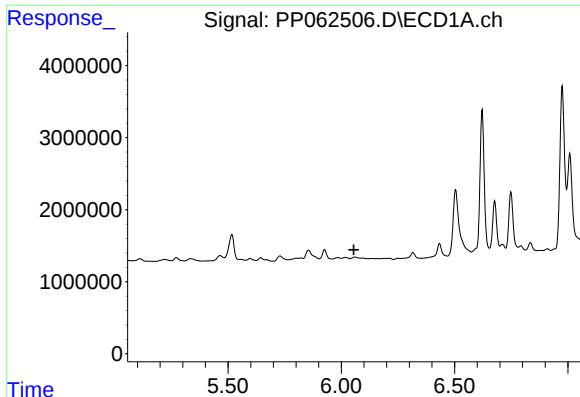
#22 AR-1248-2

R.T.: 5.855 min
Delta R.T.: 0.004 min
Response: 2270443
Conc: 38.54 ng/ml



#22 AR-1248-2

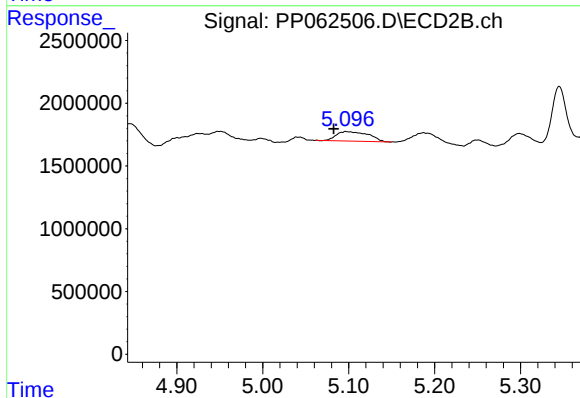
R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 156527
Conc: 1.63 ng/ml



#23 AR-1248-3

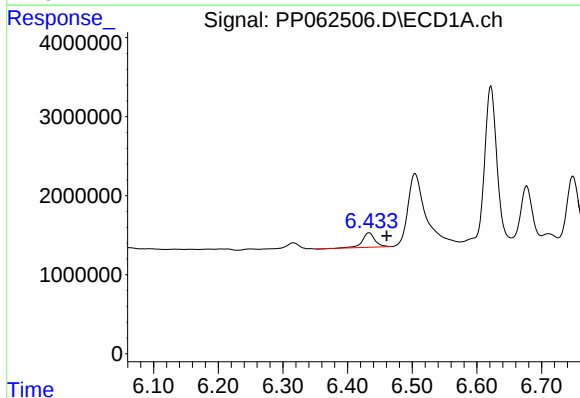
R.T.: 0.000 min
Exp R.T.: 6.055 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



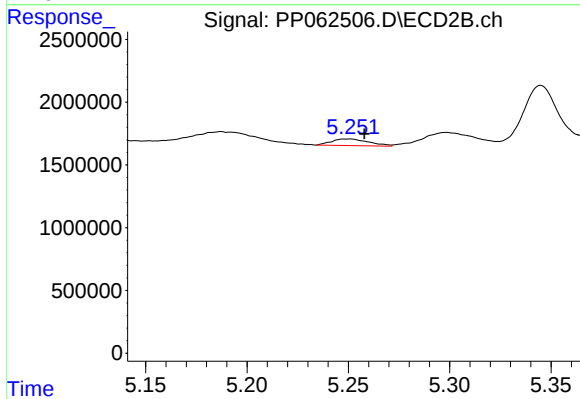
#23 AR-1248-3

R.T.: 5.096 min
Delta R.T.: 0.014 min
Response: 1967598
Conc: 19.41 ng/ml



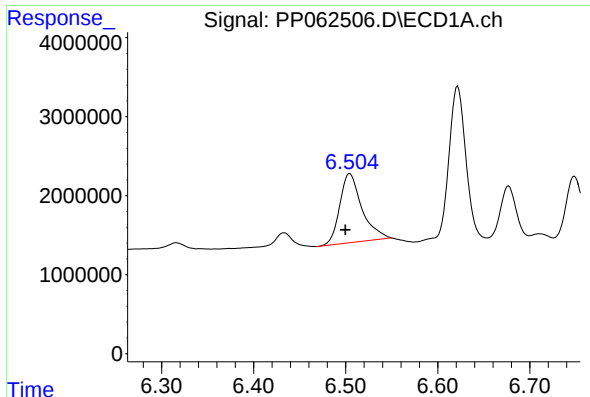
#24 AR-1248-4

R.T.: 6.433 min
Delta R.T.: -0.027 min
Response: 2422254
Conc: 36.09 ng/ml



#24 AR-1248-4

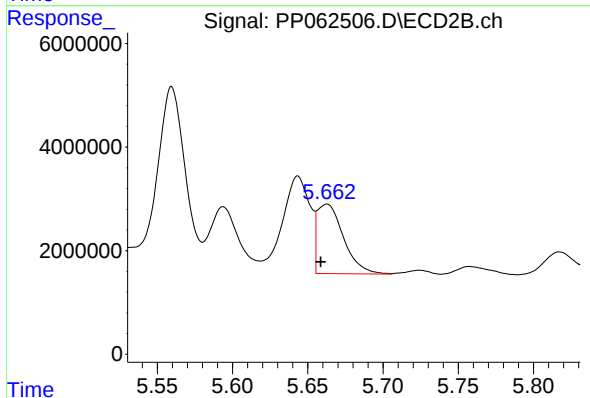
R.T.: 5.251 min
Delta R.T.: -0.007 min
Response: 663570
Conc: 5.53 ng/ml



#25 AR-1248-5

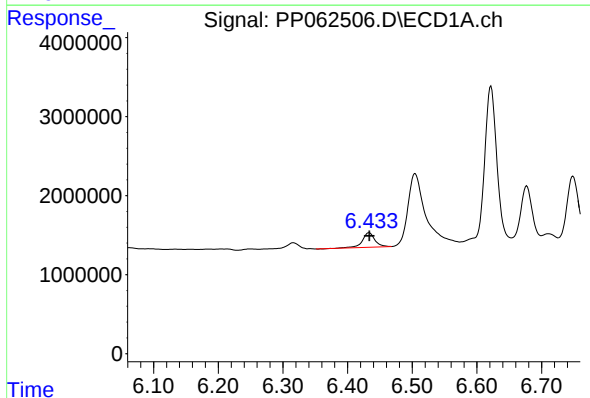
R.T.: 6.504 min
Delta R.T.: 0.005 min
Response: 14604211
Conc: 222.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



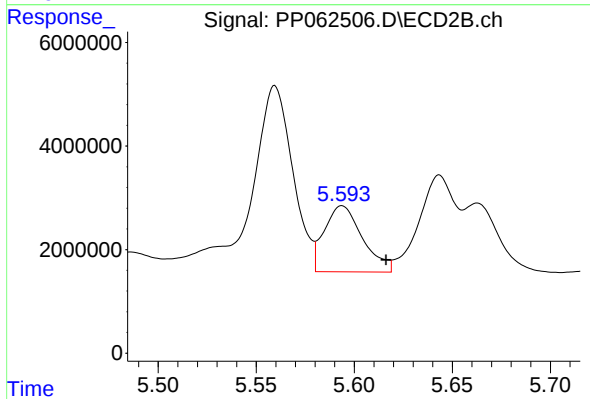
#25 AR-1248-5

R.T.: 5.663 min
Delta R.T.: 0.004 min
Response: 16380715
Conc: 151.24 ng/ml



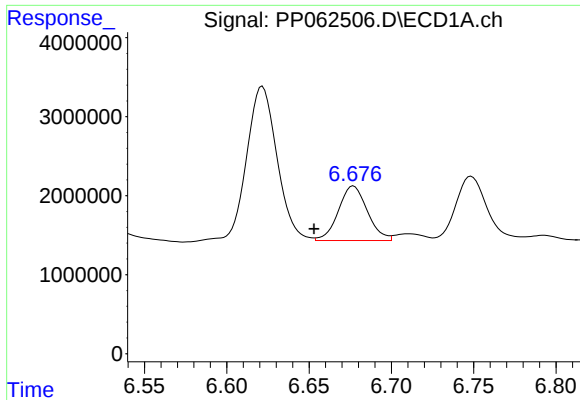
#26 AR-1254-1

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 2422254
Conc: 32.34 ng/ml



#26 AR-1254-1

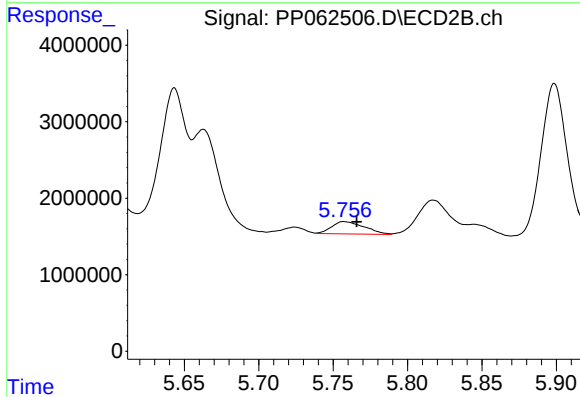
R.T.: 5.594 min
Delta R.T.: -0.022 min
Response: 17304264
Conc: 97.57 ng/ml



#27 AR-1254-2

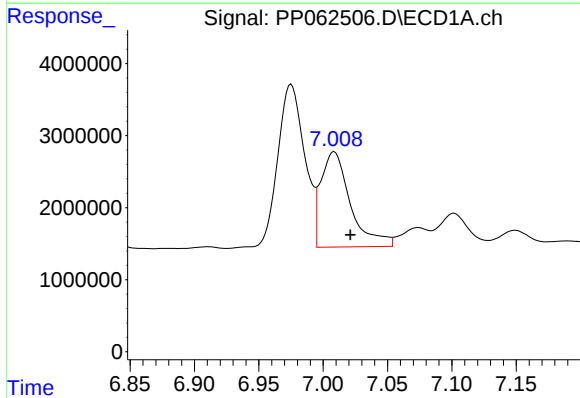
R.T.: 6.677 min
Delta R.T.: 0.024 min
Response: 8473141
Conc: 74.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



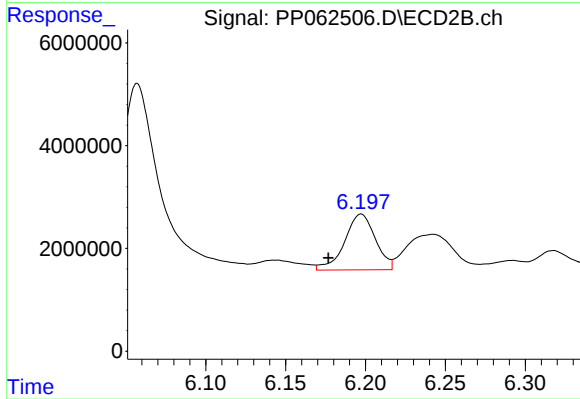
#27 AR-1254-2

R.T.: 5.757 min
Delta R.T.: -0.009 min
Response: 2461369
Conc: 15.94 ng/ml



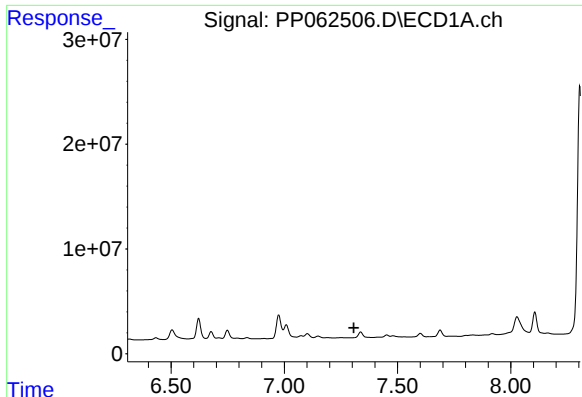
#28 AR-1254-3

R.T.: 7.009 min
Delta R.T.: -0.013 min
Response: 21198390
Conc: 182.16 ng/ml



#28 AR-1254-3

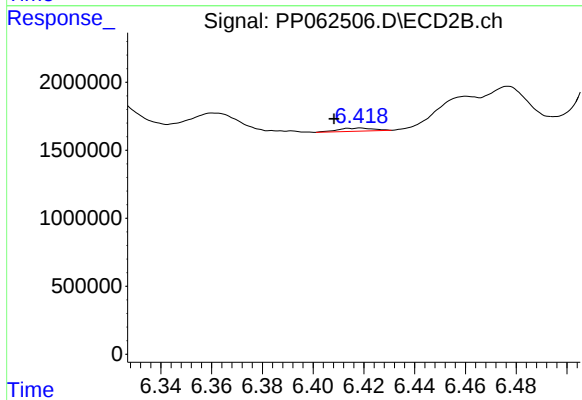
R.T.: 6.197 min
Delta R.T.: 0.020 min
Response: 14567016
Conc: 60.37 ng/ml



#29 AR-1254-4

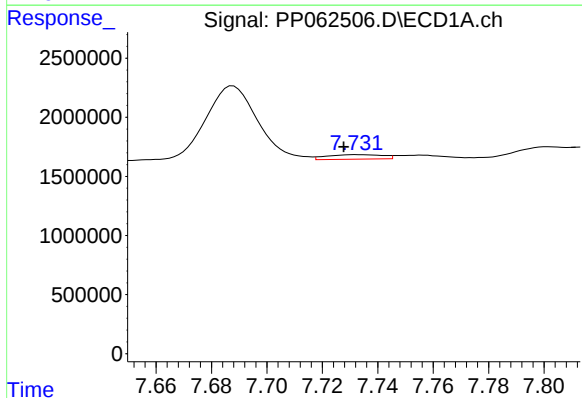
R.T.: 0.000 min
Exp R.T.: 7.307 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



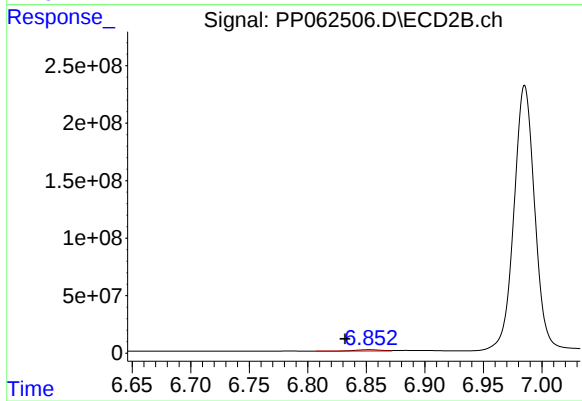
#29 AR-1254-4

R.T.: 6.419 min
Delta R.T.: 0.010 min
Response: 217967
Conc: 1.67 ng/ml



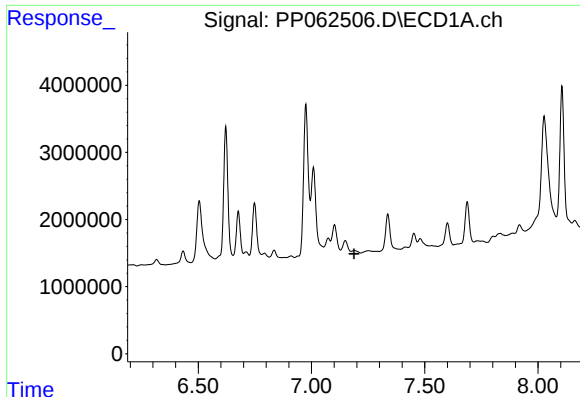
#30 AR-1254-5

R.T.: 7.732 min
Delta R.T.: 0.005 min
Response: 535496
Conc: 6.87 ng/ml



#30 AR-1254-5

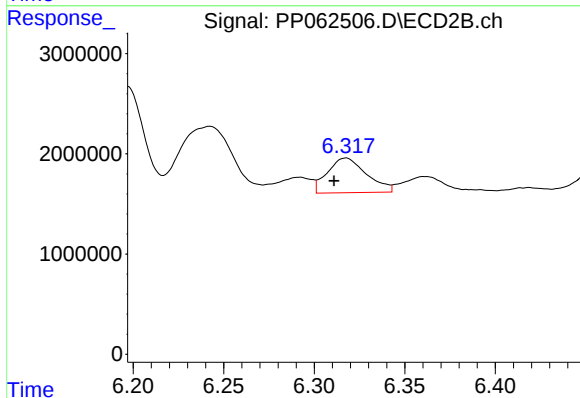
R.T.: 6.852 min
Delta R.T.: 0.020 min
Response: 16394917
Conc: 81.80 ng/ml



#31 AR-1260-1

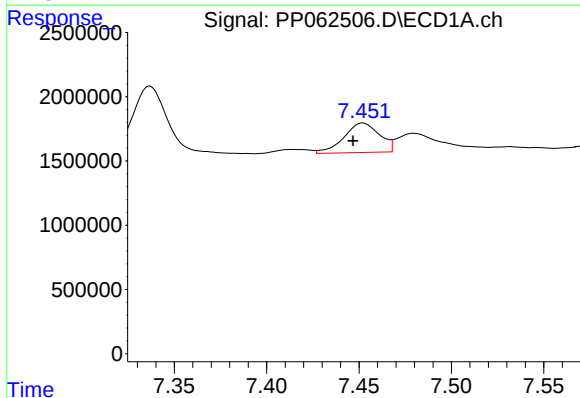
R.T.: 0.000 min
Exp R.T.: 7.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



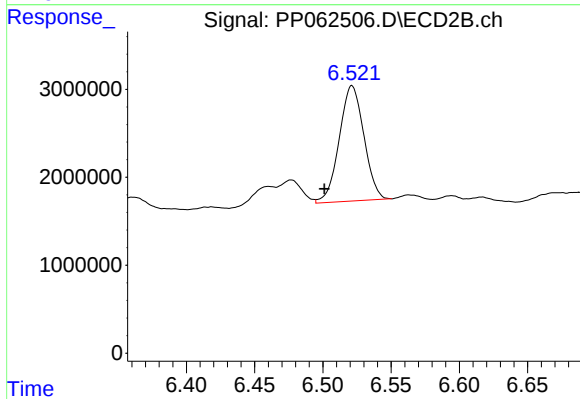
#31 AR-1260-1

R.T.: 6.317 min
Delta R.T.: 0.007 min
Response: 5207130
Conc: 30.99 ng/ml



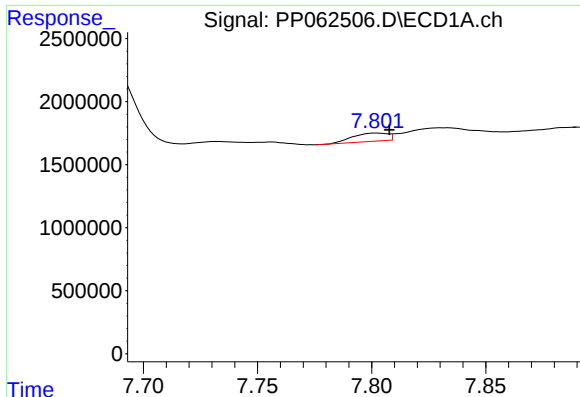
#32 AR-1260-2

R.T.: 7.452 min
Delta R.T.: 0.005 min
Response: 3067797
Conc: 31.78 ng/ml



#32 AR-1260-2

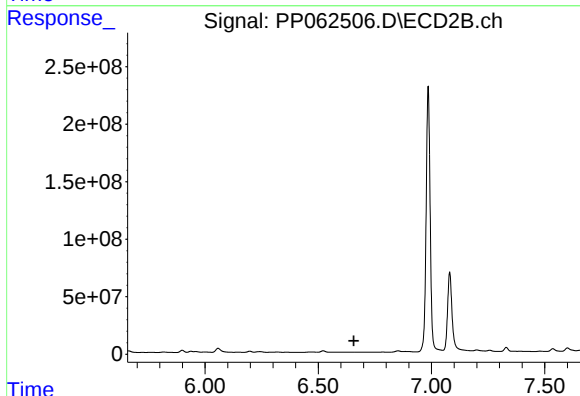
R.T.: 6.521 min
Delta R.T.: 0.020 min
Response: 16520713
Conc: 87.46 ng/ml



#33 AR-1260-3

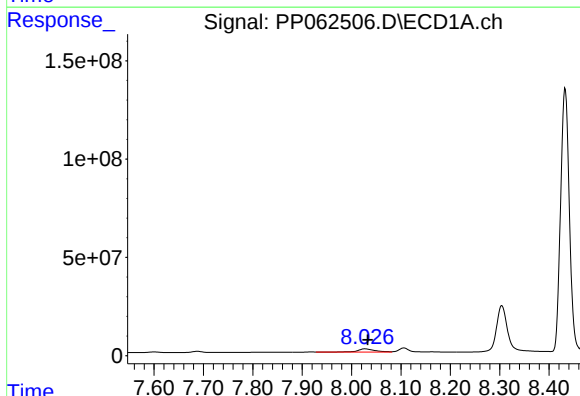
R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 696561
Conc: 10.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



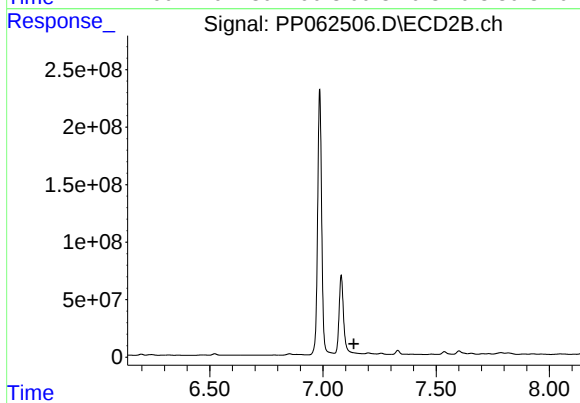
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.657 min
Response: 0
Conc: N.D.



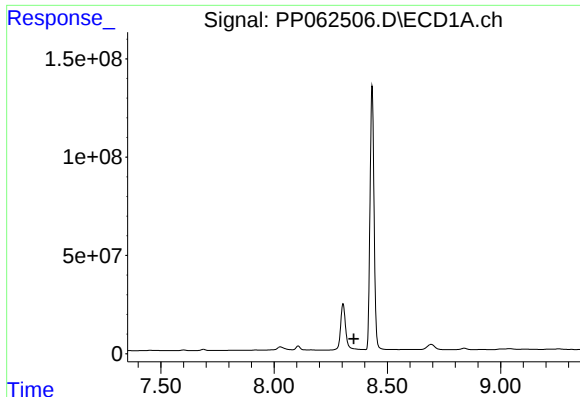
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 38531670
Conc: 517.34 ng/ml



#34 AR-1260-4

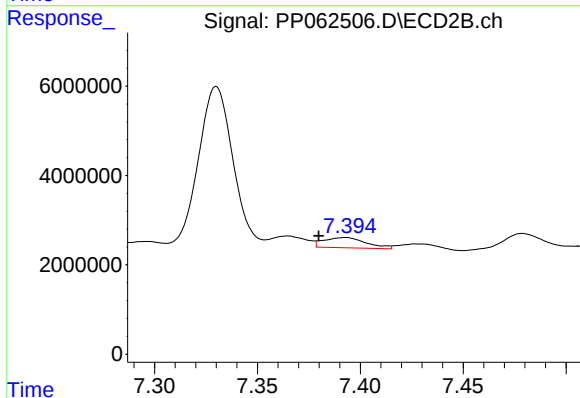
R.T.: 0.000 min
Exp R.T. : 7.136 min
Response: 0
Conc: N.D.



#35 AR-1260-5

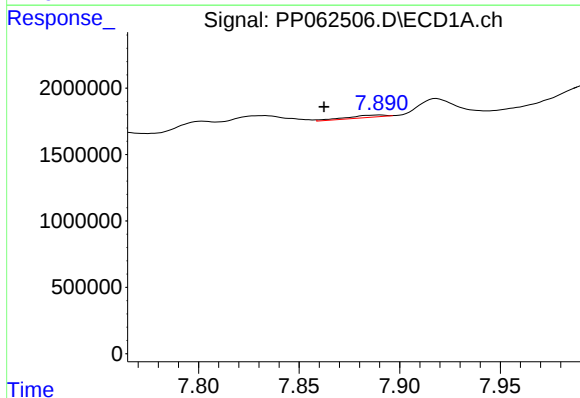
R.T.: 0.000 min
Exp R.T.: 8.352 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



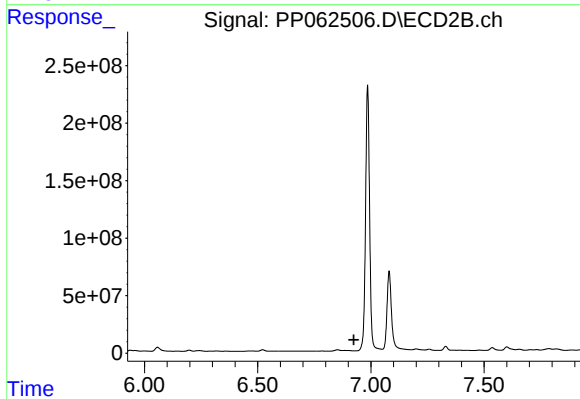
#35 AR-1260-5

R.T.: 7.393 min
Delta R.T.: 0.013 min
Response: 3304846
Conc: 10.89 ng/ml



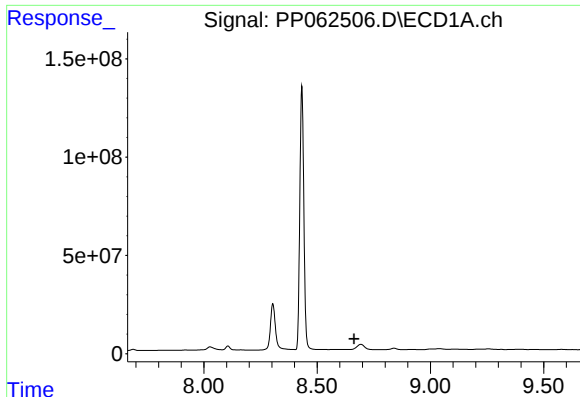
#36 AR-1262-1

R.T.: 7.890 min
Delta R.T.: 0.028 min
Response: 224535
Conc: 5.39 ng/ml



#36 AR-1262-1

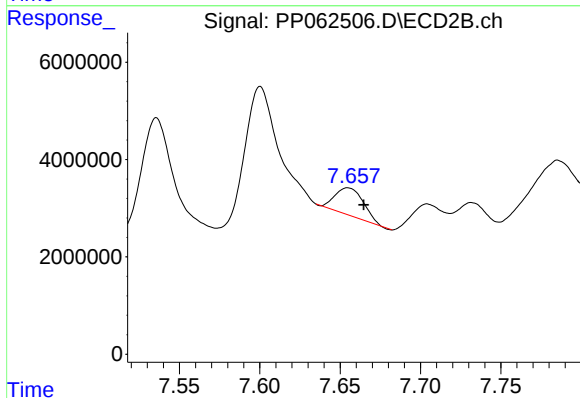
R.T.: 0.000 min
Exp R.T.: 6.925 min
Response: 0
Conc: N.D.



#38 AR-1262-3

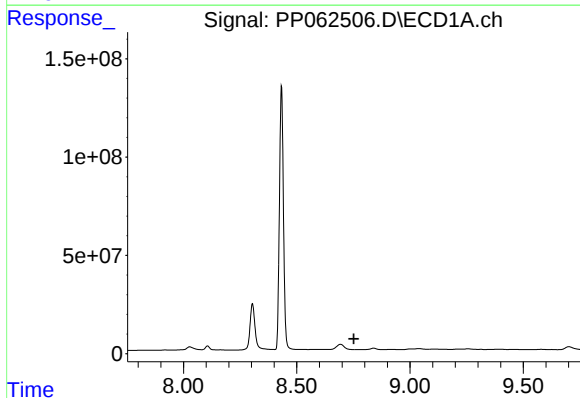
R.T.: 0.000 min
Exp R.T.: 8.663 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



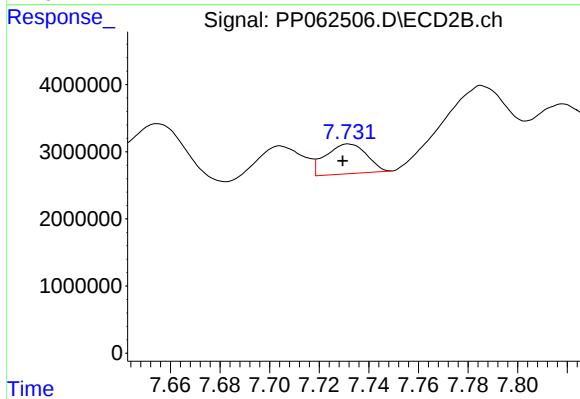
#38 AR-1262-3

R.T.: 7.655 min
Delta R.T.: -0.010 min
Response: 6911389
Conc: 49.78 ng/ml



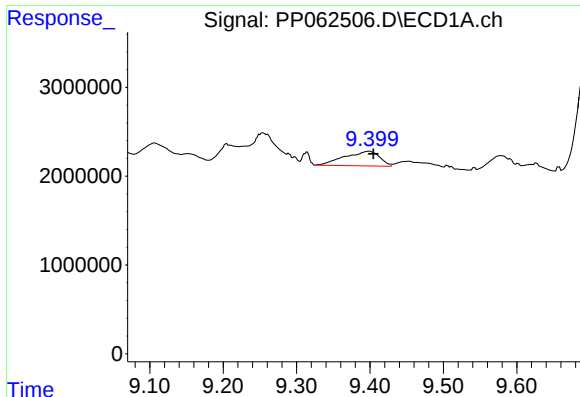
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.751 min
Response: 0
Conc: N.D.



#39 AR-1262-4

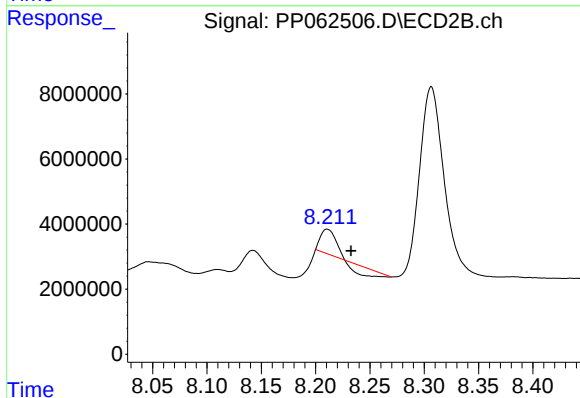
R.T.: 7.732 min
Delta R.T.: 0.002 min
Response: 5084917
Conc: 20.89 ng/ml



#40 AR-1262-5

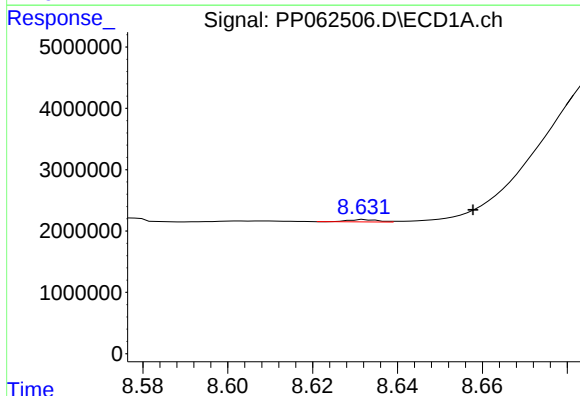
R.T.: 9.399 min
Delta R.T.: -0.006 min
Response: 5408759
Conc: 96.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



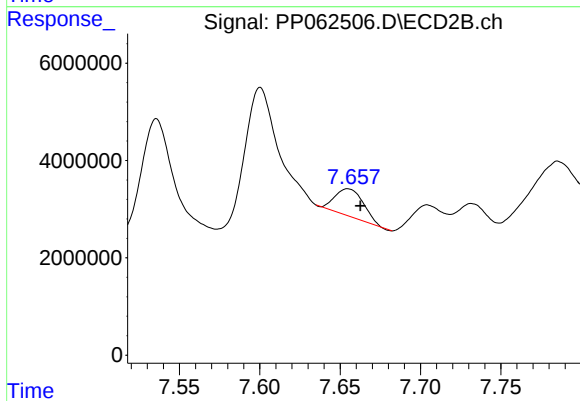
#40 AR-1262-5

R.T.: 8.211 min
Delta R.T.: -0.022 min
Response: 2957026
Conc: 27.25 ng/ml



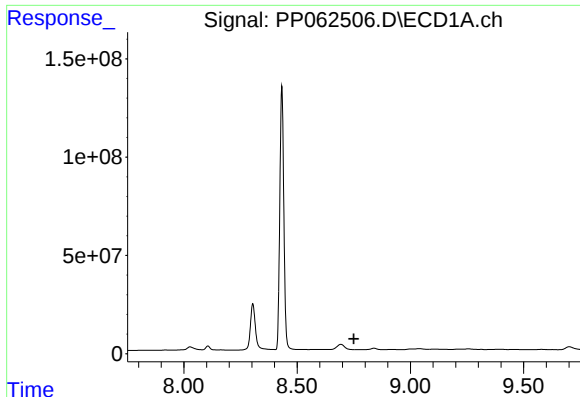
#41 AR-1268-1

R.T.: 8.632 min
Delta R.T.: -0.026 min
Response: 191860
Conc: 0.95 ng/ml



#41 AR-1268-1

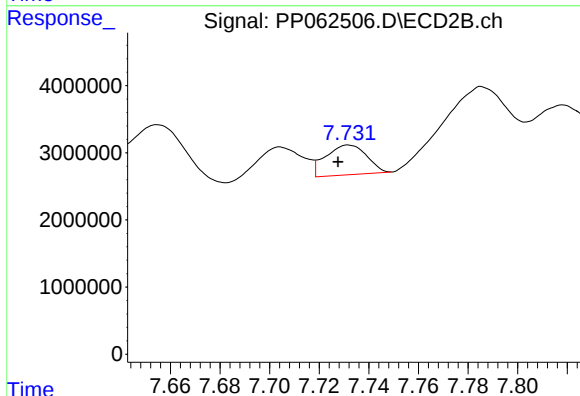
R.T.: 7.655 min
Delta R.T.: -0.008 min
Response: 6911389
Conc: 17.19 ng/ml



#42 AR-1268-2

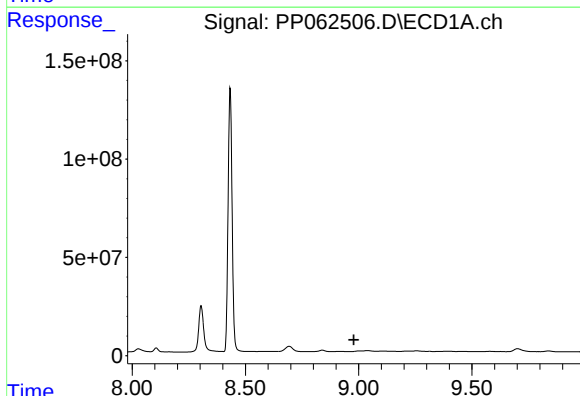
R.T.: 0.000 min
Exp R.T.: 8.750 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



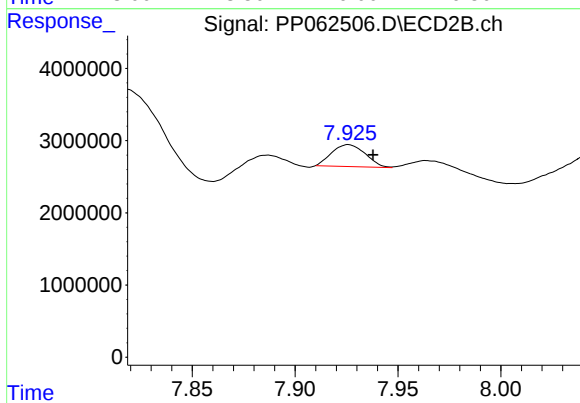
#42 AR-1268-2

R.T.: 7.732 min
Delta R.T.: 0.004 min
Response: 5084917
Conc: 14.17 ng/ml



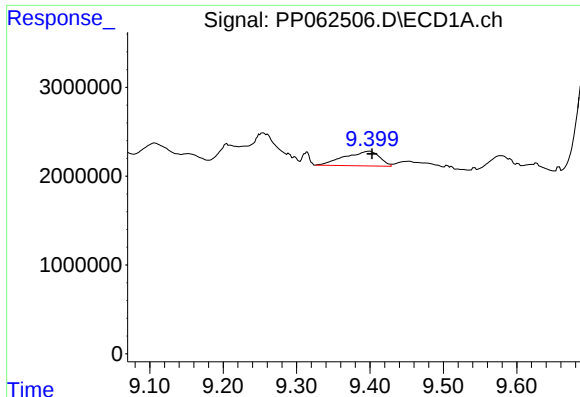
#43 AR-1268-3

R.T.: 9.001 min
Delta R.T.: 0.022 min
Response: -441240
Conc: N.D.



#43 AR-1268-3

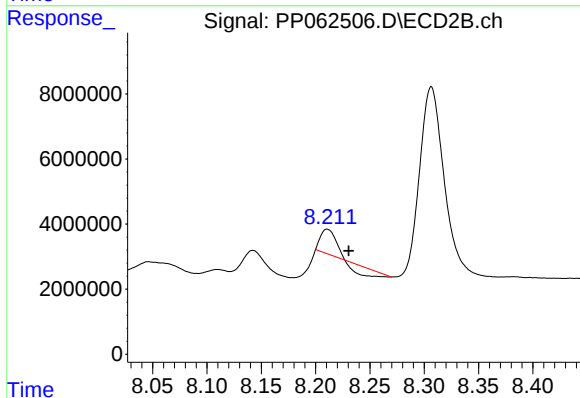
R.T.: 7.926 min
Delta R.T.: -0.012 min
Response: 3449581
Conc: 10.78 ng/ml



#44 AR-1268-4

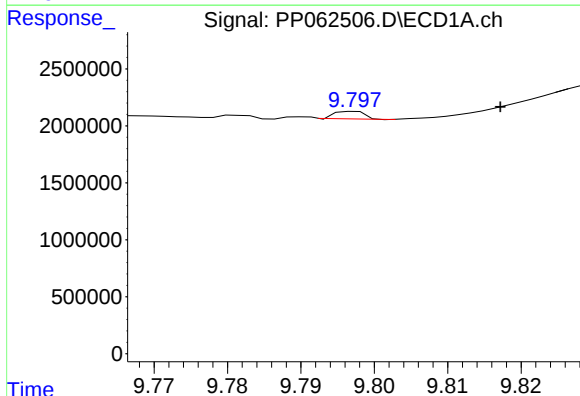
R.T.: 9.399 min
Delta R.T.: -0.004 min
Response: 5408759
Conc: 89.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



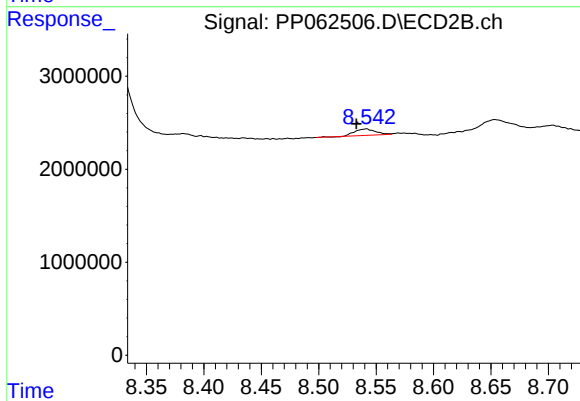
#44 AR-1268-4

R.T.: 8.211 min
Delta R.T.: -0.020 min
Response: 2957026
Conc: 25.38 ng/ml



#45 AR-1268-5

R.T.: 9.797 min
Delta R.T.: -0.020 min
Response: 190092
Conc: 0.42 ng/ml



#45 AR-1268-5

R.T.: 8.541 min
Delta R.T.: 0.008 min
Response: 879769
Conc: 1.06 ng/ml