

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031623\
 Data File : P0093229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 19:22
 Operator : YP/AJ
 Sample : 01939-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 22:07:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.432	3.640	23468905	8593544	7.494	7.619
2)	SA Decachlor...	10.264	8.665	26879430	11129727	12.420	11.367
Target Compounds							
3)	L1 AR-1016-1	5.609	0.000	174721	0	1.829	N.D. #
4)	L1 AR-1016-2	5.635	0.000	499457	0	3.498	N.D. #
5)	L1 AR-1016-3	5.683	0.000	1071351	0	11.808	N.D. #
7)	L1 AR-1016-5	6.099	5.211f	1616619	543668	21.592	17.178
8)	L2 AR-1221-1	4.641	0.000	1002478	0	24.800	N.D. #
9)	L2 AR-1221-2	4.738	0.000	638427	0	21.067	N.D. #
10)	L2 AR-1221-3	4.806	0.000	218335	0	2.388	N.D. #
11)	L3 AR-1232-1	4.806	0.000	218335	0	2.991	N.D. #
12)	L3 AR-1232-2	5.331	0.000	247824	0	6.892	N.D. #
13)	L3 AR-1232-3	5.635	0.000	499457	0	7.629	N.D. #
15)	L3 AR-1232-5	5.887	5.211f	127366	543668	4.590	38.767 #
16)	L4 AR-1242-1	5.609	0.000	174721	0	2.132	N.D. #
17)	L4 AR-1242-2	5.635	0.000	499457	0	4.161	N.D. #
18)	L4 AR-1242-3	5.683	0.000	1071351	0	13.959	N.D. #
20)	L4 AR-1242-5	6.541	5.527	1679604	774751	26.878	27.120
21)	L5 AR-1248-1	5.609	0.000	174721	0	2.811	N.D. #
22)	L5 AR-1248-2	5.887	0.000	127366	0	1.334	N.D. #
23)	L5 AR-1248-3	6.099	0.000	1616619	0	15.536	N.D. #
24)	L5 AR-1248-4	6.509	5.211f	3300381	543668	32.410	12.637 #
25)	L5 AR-1248-5	6.541	5.527f	1679604	774751	16.409	21.066 #
26)	L6 AR-1254-1	6.475	5.527	4970794	774751	42.536	12.344 #
27)	L6 AR-1254-2	6.691	5.659	648510	93251184	3.795	1654.805 #
28)	L6 AR-1254-3	7.058	6.095	1491200	696893	8.970	8.095
29)	L6 AR-1254-4	7.350	0.000	179714	0	1.686	N.D. #
30)	L6 AR-1254-5	7.771	6.728	2313397	661727	17.085	8.960 #
31)	L7 AR-1260-1	7.228	6.213	1050788	488633	8.111	8.037
32)	L7 AR-1260-2	7.486	6.402	1857383	710486	12.582	9.827
33)	L7 AR-1260-3	7.849	6.555	1516999	754211	13.487	11.279
34)	L7 AR-1260-4	8.076	7.027	2403018	502145	18.739	9.125 #
35)	L7 AR-1260-5	8.404	7.269	2228975	945095	9.976	8.028
36)	L8 AR-1262-1	7.771	6.728	2313397	661727	23.273	17.708
37)	L8 AR-1262-2	8.404	7.269	2228975	945095	9.392	7.936
38)	L8 AR-1262-3	8.745	7.616	160.9E6	614354	952.480	6.797 #
39)	L8 AR-1262-4	8.745f	7.616	160.9E6	614354	1796.037	6.797 #
40)	L8 AR-1262-5	9.511	8.116	12500781	690082	130.885	16.862 #
41)	L9 AR-1268-1	8.745	7.616f	160.9E6	614354	503.736	3.926 #
42)	L9 AR-1268-2	0.000	7.616	0	614354	N.D.	4.400 #
43)	L9 AR-1268-3	9.041	0.000	44489	0	0.174	N.D. #
44)	L9 AR-1268-4	9.511	8.116	12500781	690082	117.055	13.994 #

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Instrument :
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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

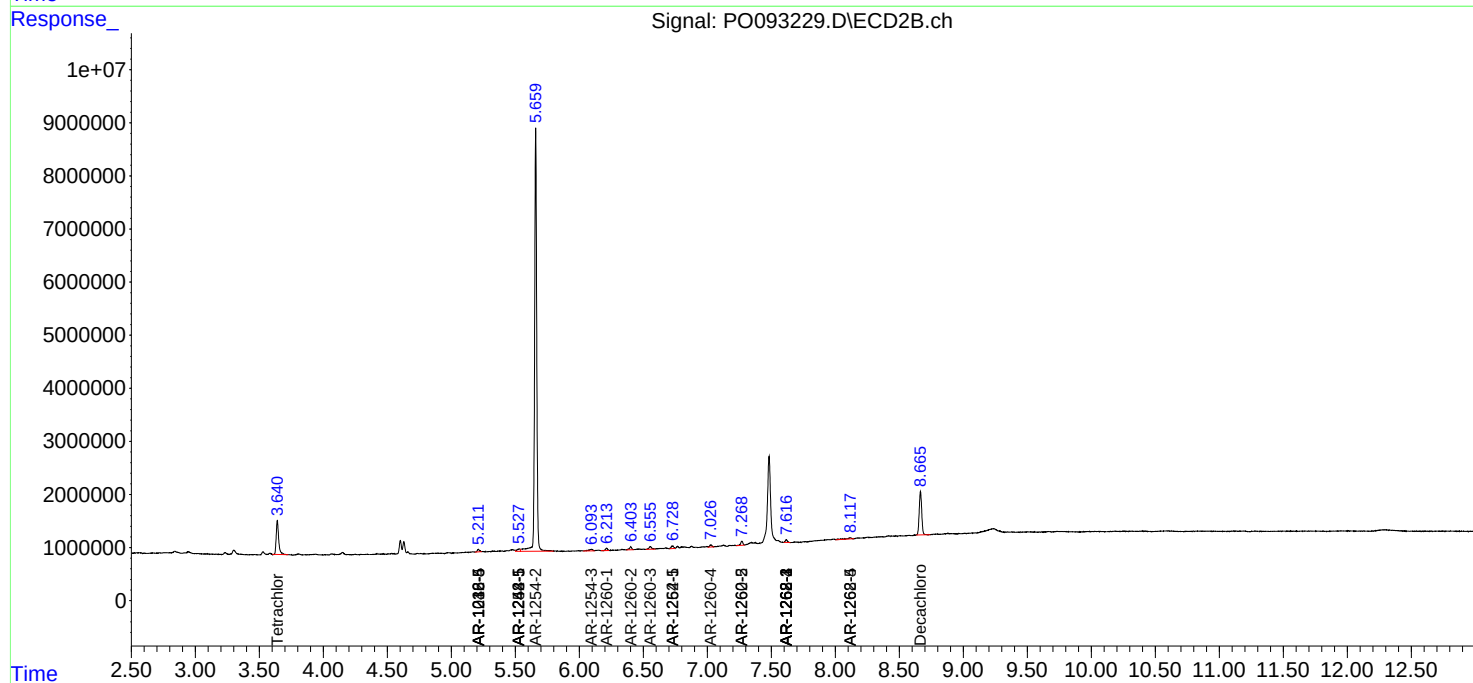
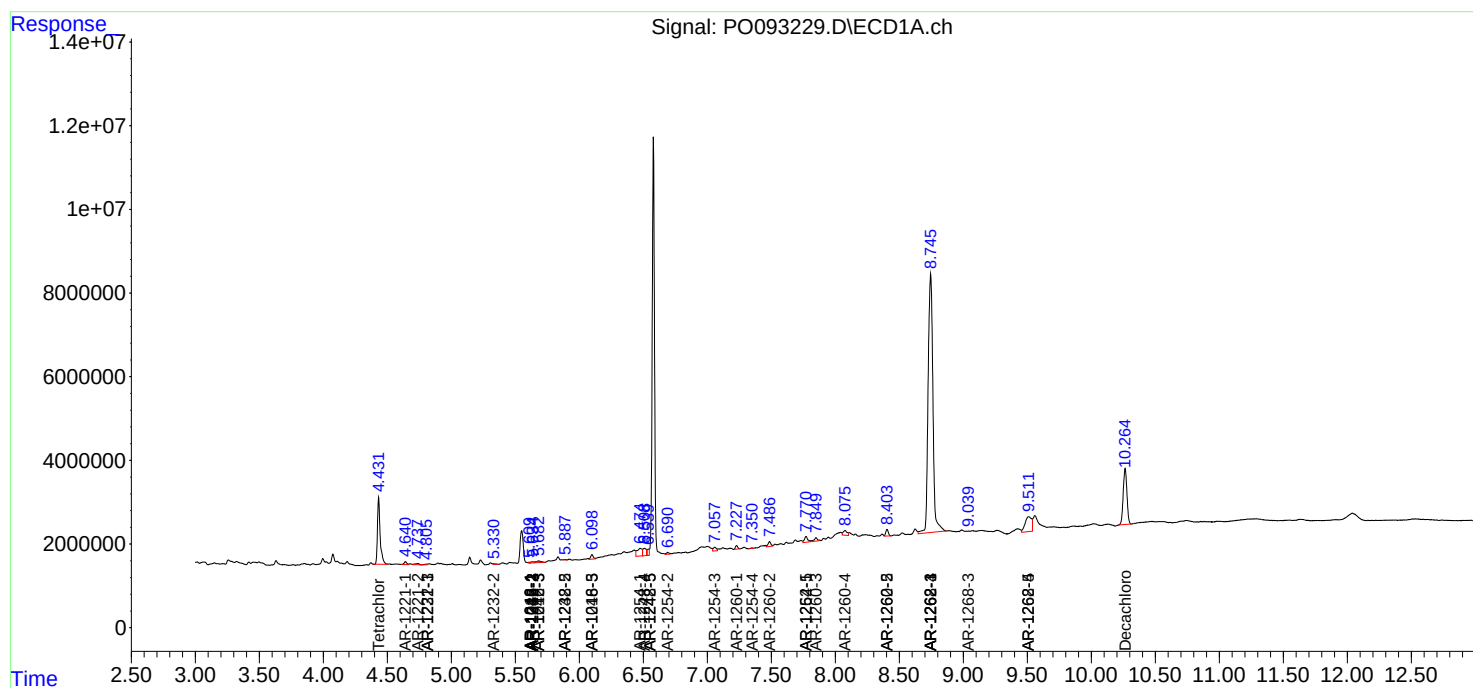
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

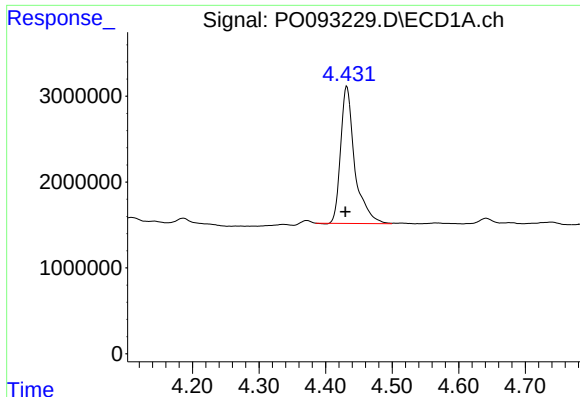
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031623\
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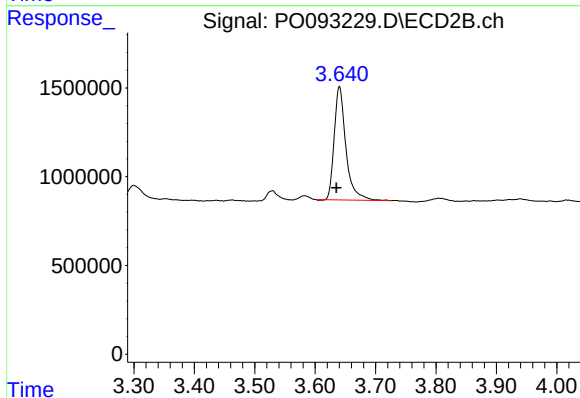




#1 Tetrachloro-m-xylene

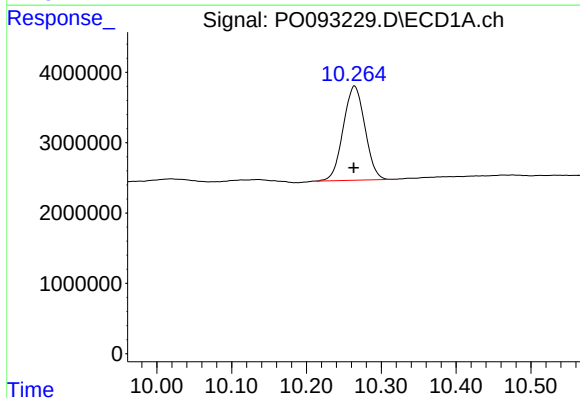
R.T.: 4.432 min
Delta R.T.: 0.002 min
Response: 23468905
Conc: 7.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



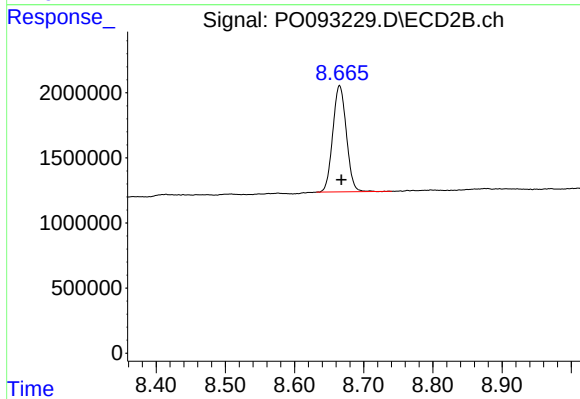
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: 0.005 min
Response: 8593544
Conc: 7.62 ng/ml



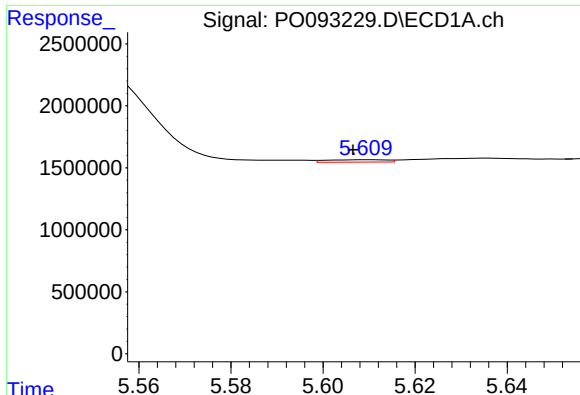
#2 Decachlorobiphenyl

R.T.: 10.264 min
Delta R.T.: 0.001 min
Response: 26879430
Conc: 12.42 ng/ml



#2 Decachlorobiphenyl

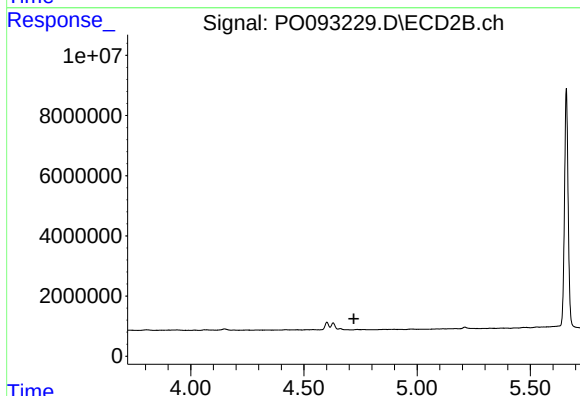
R.T.: 8.665 min
Delta R.T.: -0.003 min
Response: 11129727
Conc: 11.37 ng/ml



#3 AR-1016-1

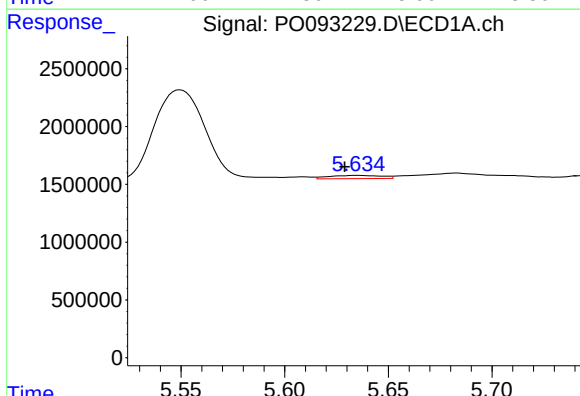
R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 174721
Conc: 1.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



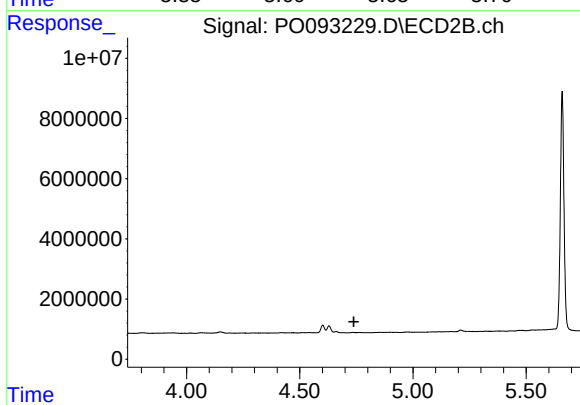
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



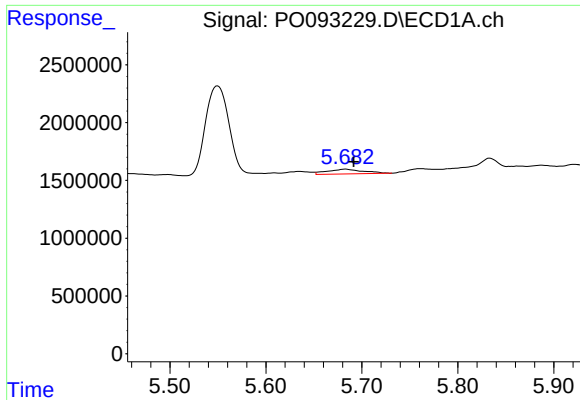
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 499457
Conc: 3.50 ng/ml



#4 AR-1016-2

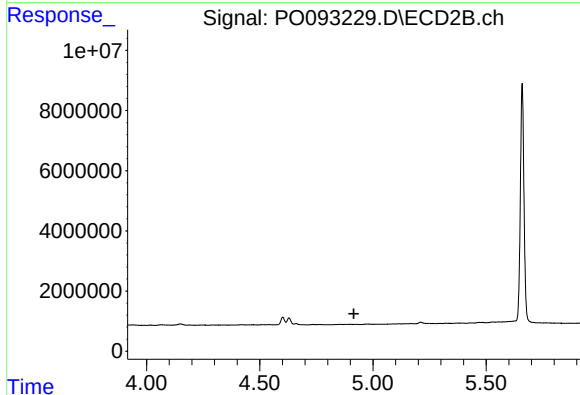
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

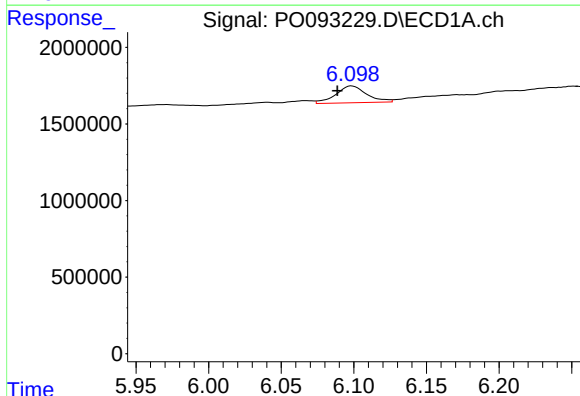
R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 1071351
Conc: 11.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



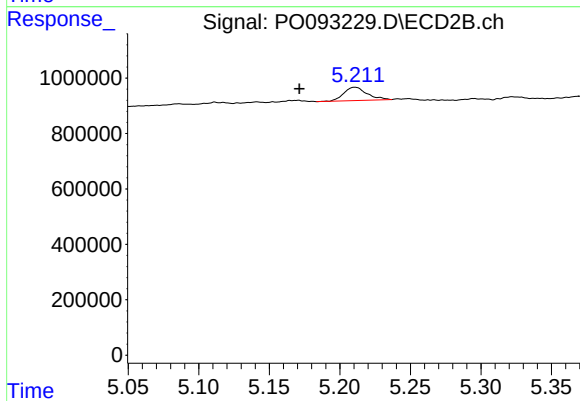
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



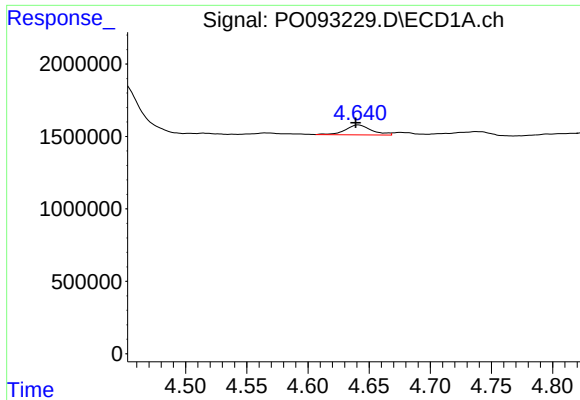
#7 AR-1016-5

R.T.: 6.099 min
Delta R.T.: 0.010 min
Response: 1616619
Conc: 21.59 ng/ml



#7 AR-1016-5

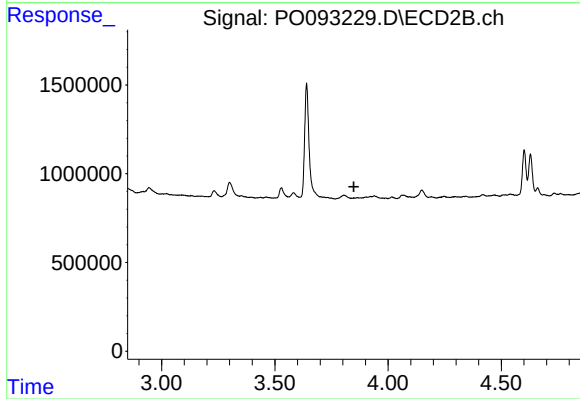
R.T.: 5.211 min
Delta R.T.: 0.040 min
Response: 543668
Conc: 17.18 ng/ml



#8 AR-1221-1

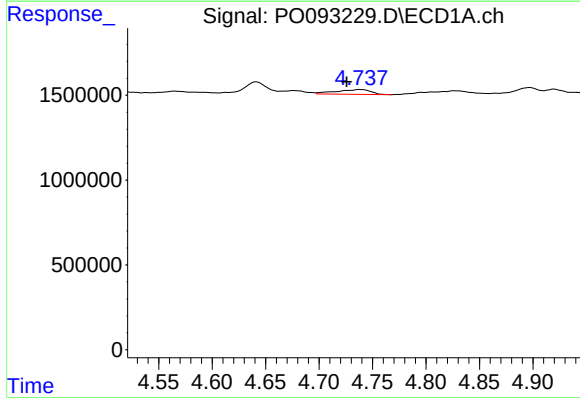
R.T.: 4.641 min
Delta R.T.: 0.002 min
Response: 1002478
Conc: 24.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



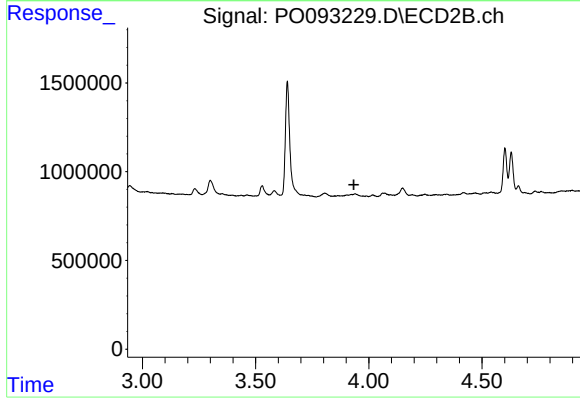
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



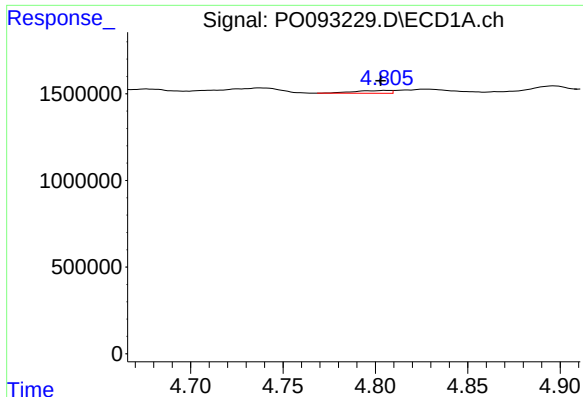
#9 AR-1221-2

R.T.: 4.738 min
Delta R.T.: 0.012 min
Response: 638427
Conc: 21.07 ng/ml



#9 AR-1221-2

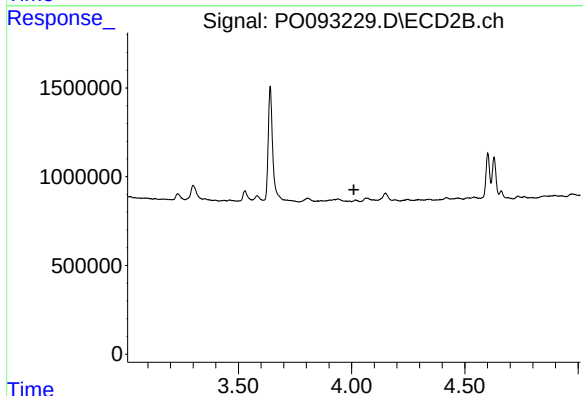
R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



#10 AR-1221-3

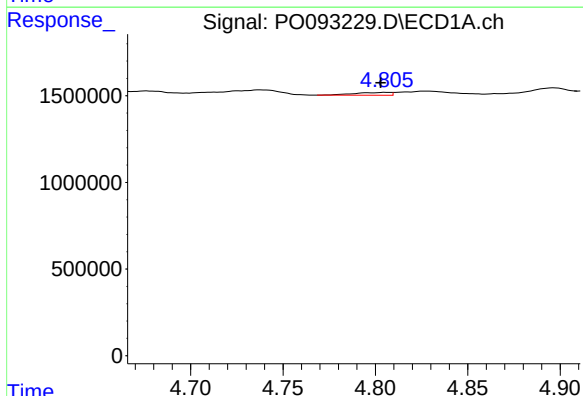
R.T.: 4.806 min
Delta R.T.: 0.004 min
Response: 218335
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



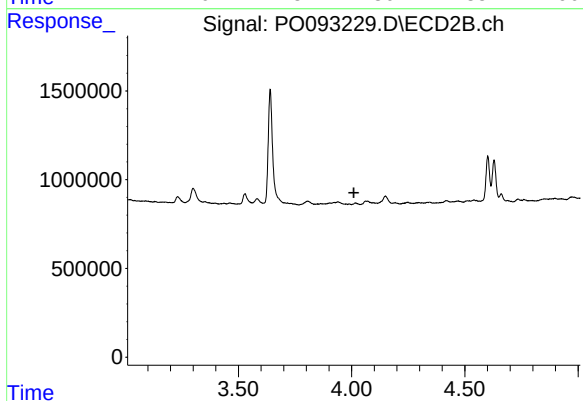
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



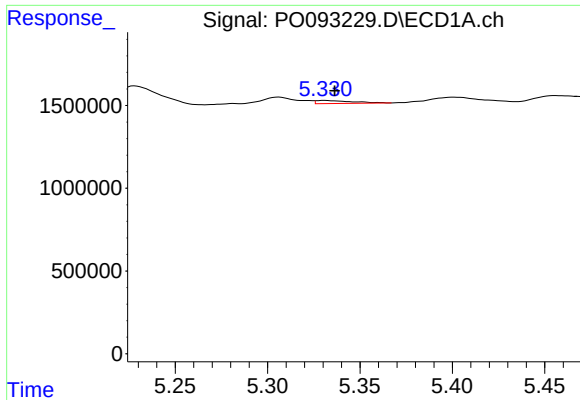
#11 AR-1232-1

R.T.: 4.806 min
Delta R.T.: 0.003 min
Response: 218335
Conc: 2.99 ng/ml



#11 AR-1232-1

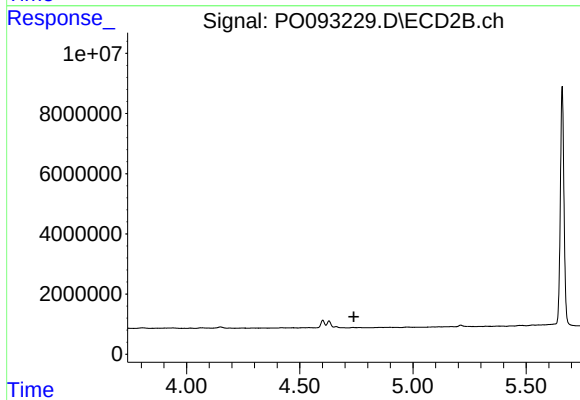
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#12 AR-1232-2

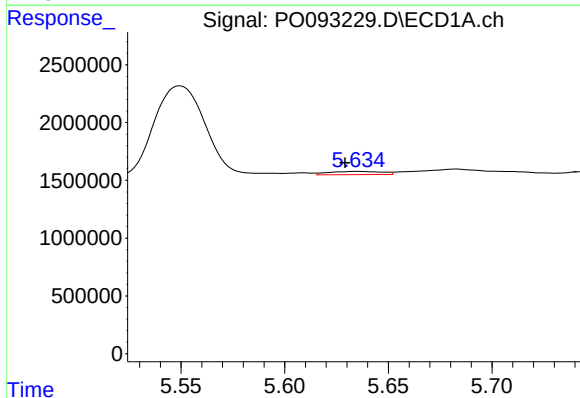
R.T.: 5.331 min
Delta R.T.: -0.006 min
Response: 247824
Conc: 6.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



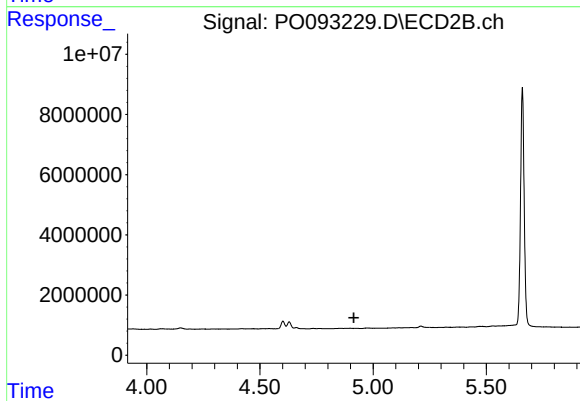
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



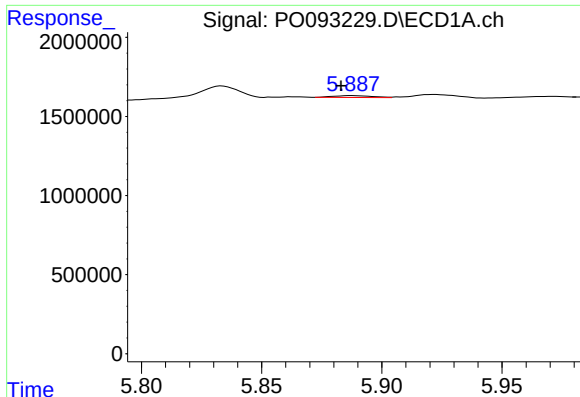
#13 AR-1232-3

R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 499457
Conc: 7.63 ng/ml



#13 AR-1232-3

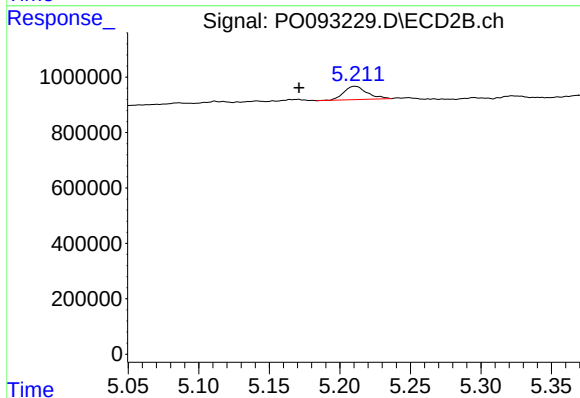
R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



#15 AR-1232-5

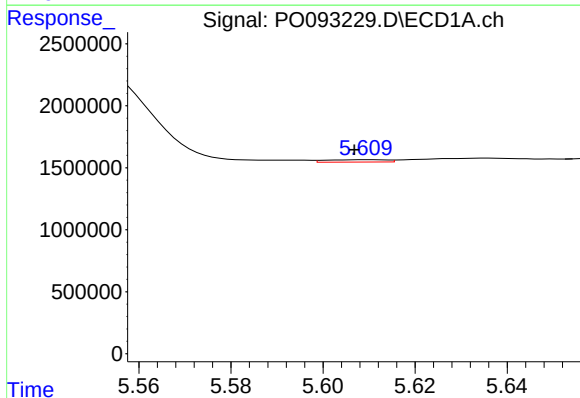
R.T.: 5.887 min
Delta R.T.: 0.004 min
Response: 127366
Conc: 4.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



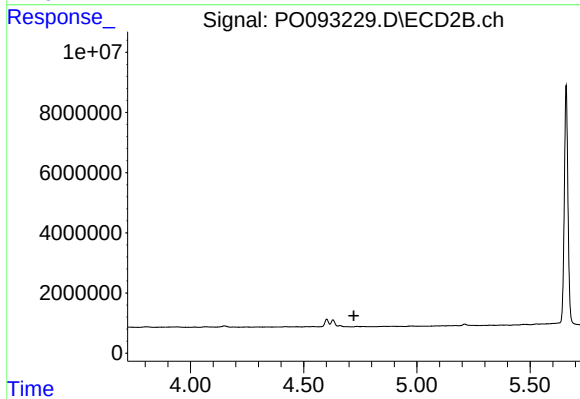
#15 AR-1232-5

R.T.: 5.211 min
Delta R.T.: 0.040 min
Response: 543668
Conc: 38.77 ng/ml



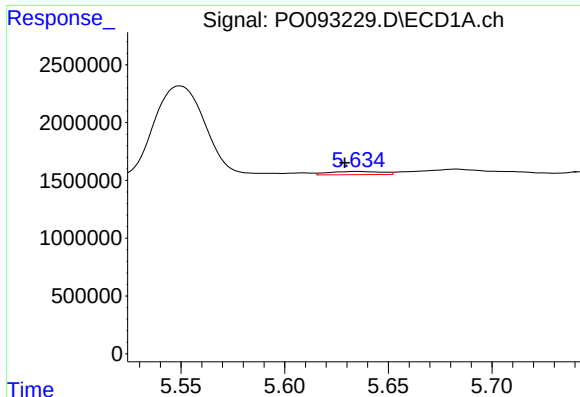
#16 AR-1242-1

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 174721
Conc: 2.13 ng/ml



#16 AR-1242-1

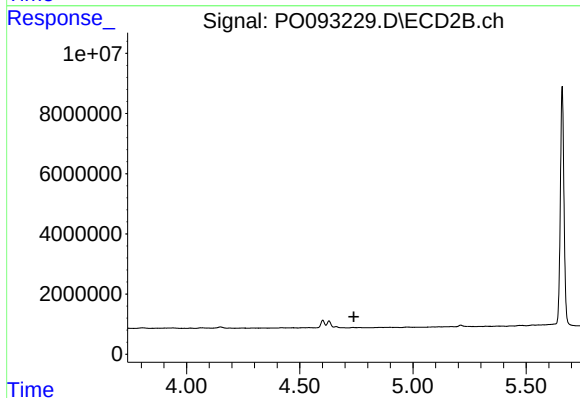
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

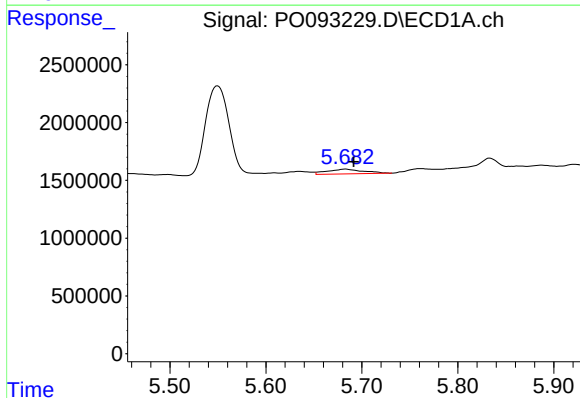
R.T.: 5.635 min
Delta R.T.: 0.006 min
Response: 499457
Conc: 4.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



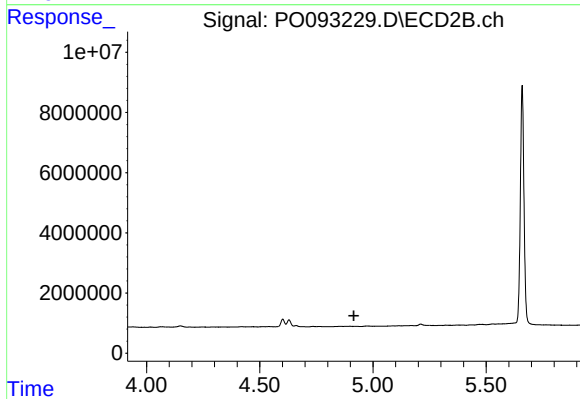
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



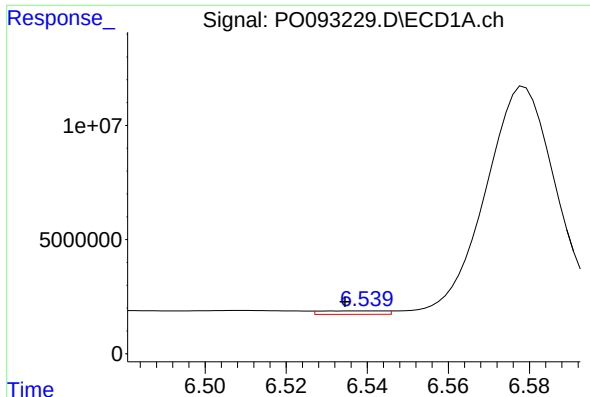
#18 AR-1242-3

R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 1071351
Conc: 13.96 ng/ml



#18 AR-1242-3

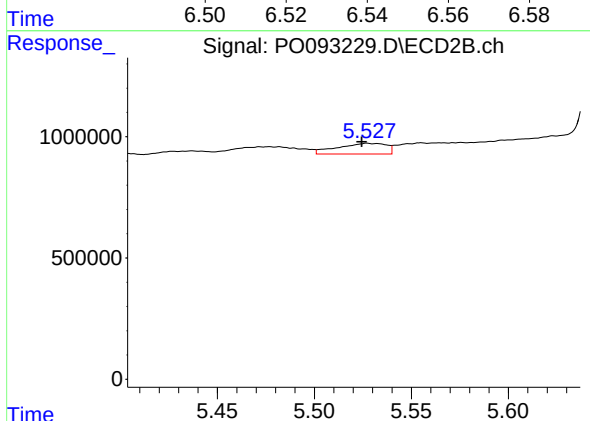
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#20 AR-1242-5

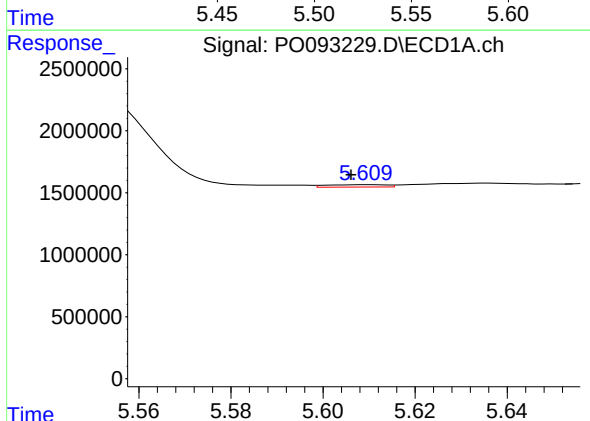
R.T.: 6.541 min
Delta R.T.: 0.007 min
Response: 1679604
Conc: 26.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



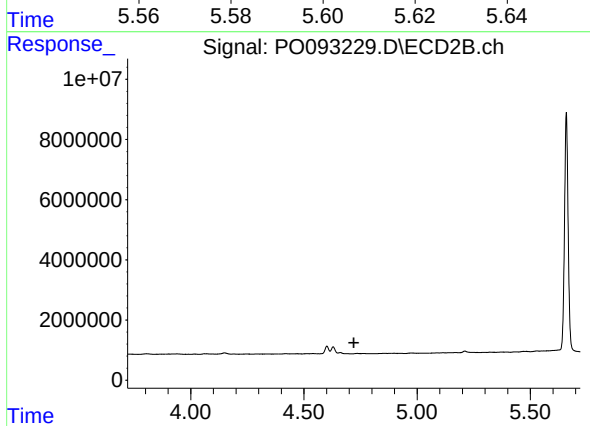
#20 AR-1242-5

R.T.: 5.527 min
Delta R.T.: 0.003 min
Response: 774751
Conc: 27.12 ng/ml



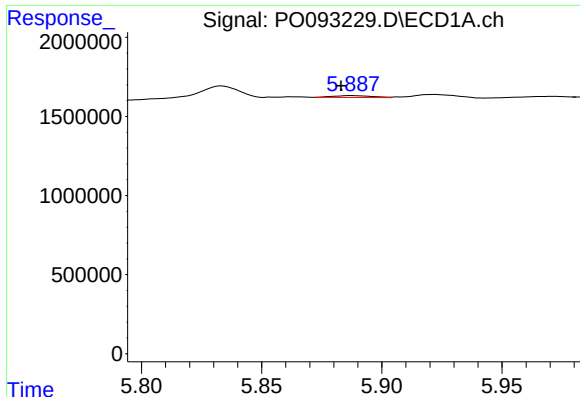
#21 AR-1248-1

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 174721
Conc: 2.81 ng/ml



#21 AR-1248-1

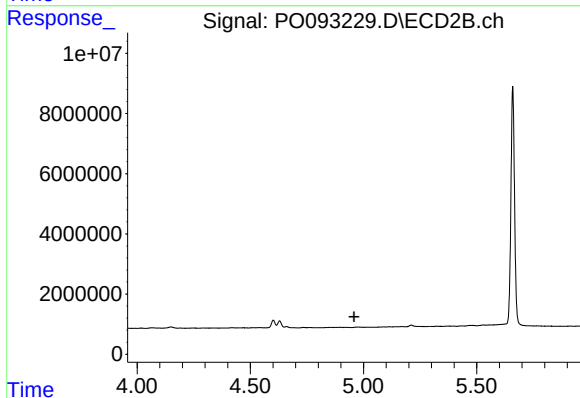
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#22 AR-1248-2

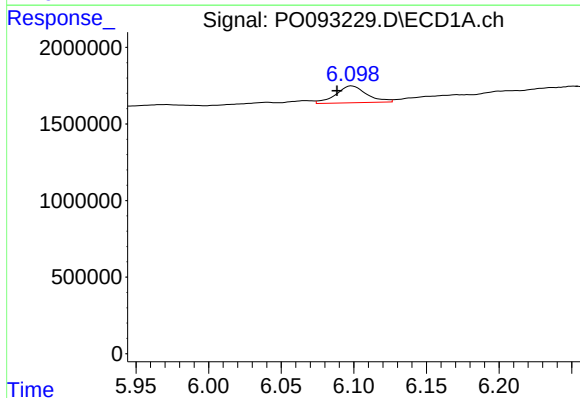
R.T.: 5.887 min
Delta R.T.: 0.004 min
Response: 127366
Conc: 1.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



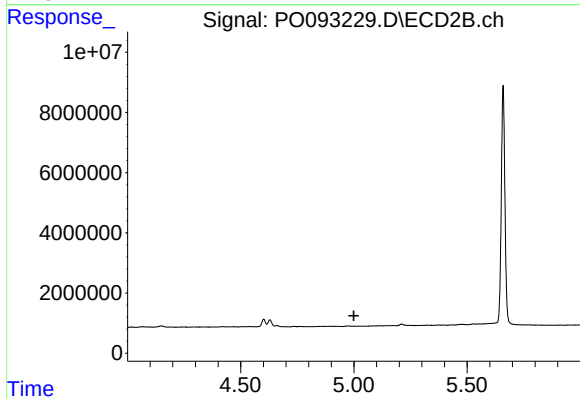
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



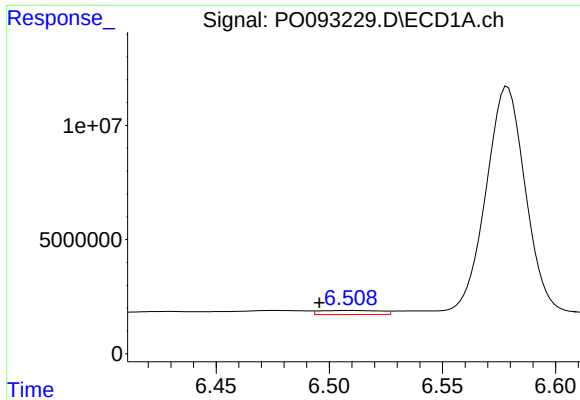
#23 AR-1248-3

R.T.: 6.099 min
Delta R.T.: 0.010 min
Response: 1616619
Conc: 15.54 ng/ml



#23 AR-1248-3

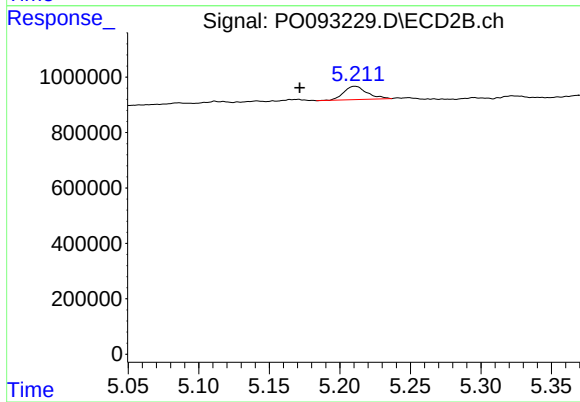
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#24 AR-1248-4

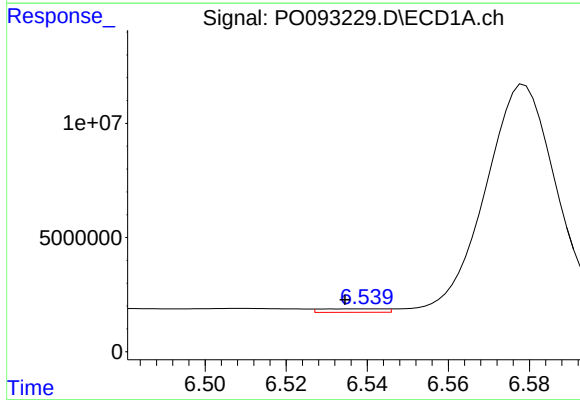
R.T.: 6.509 min
Delta R.T.: 0.013 min
Response: 3300381
Conc: 32.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



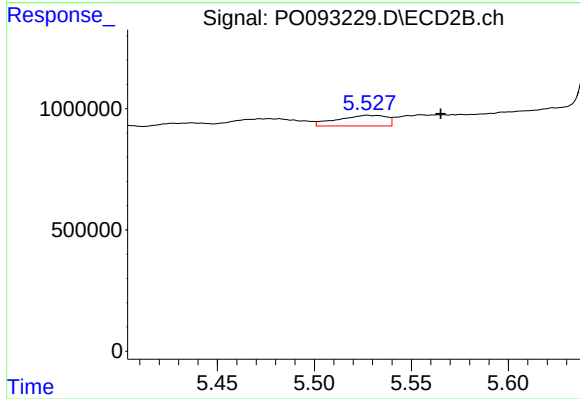
#24 AR-1248-4

R.T.: 5.211 min
Delta R.T.: 0.039 min
Response: 543668
Conc: 12.64 ng/ml



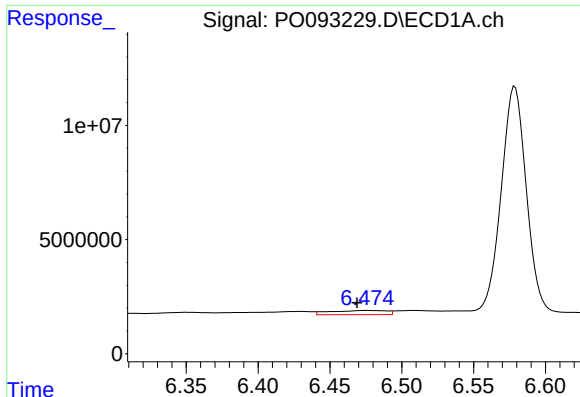
#25 AR-1248-5

R.T.: 6.541 min
Delta R.T.: 0.007 min
Response: 1679604
Conc: 16.41 ng/ml



#25 AR-1248-5

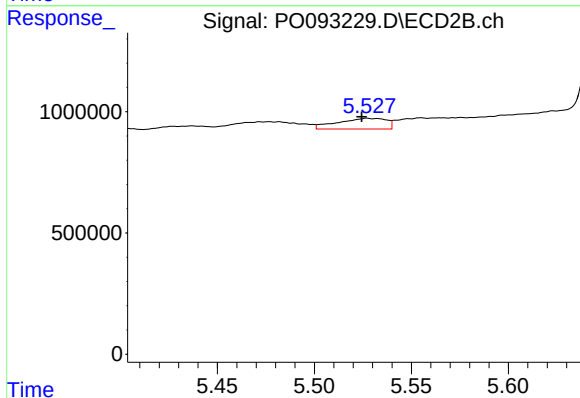
R.T.: 5.527 min
Delta R.T.: -0.038 min
Response: 774751
Conc: 21.07 ng/ml



#26 AR-1254-1

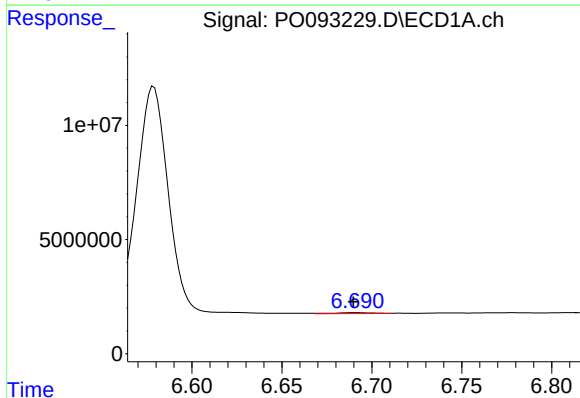
R.T.: 6.475 min
Delta R.T.: 0.006 min
Response: 4970794
Conc: 42.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



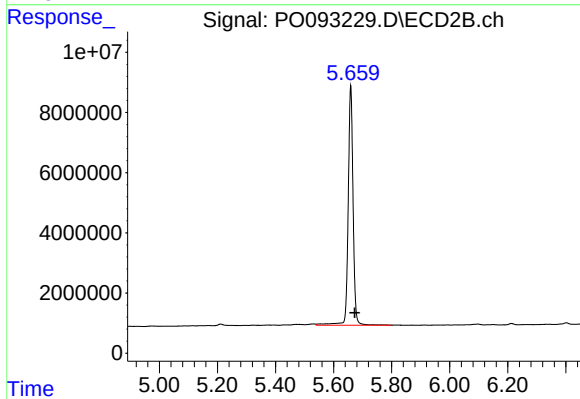
#26 AR-1254-1

R.T.: 5.527 min
Delta R.T.: 0.003 min
Response: 774751
Conc: 12.34 ng/ml



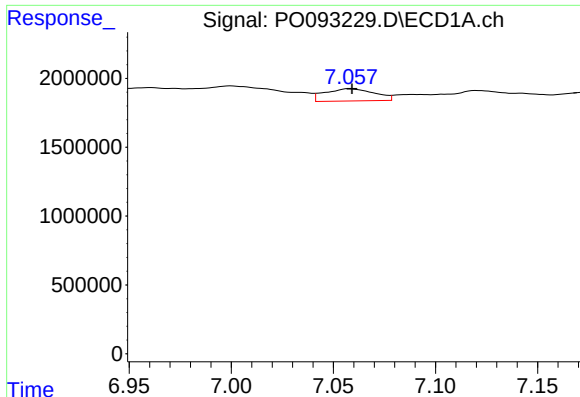
#27 AR-1254-2

R.T.: 6.691 min
Delta R.T.: 0.001 min
Response: 648510
Conc: 3.80 ng/ml



#27 AR-1254-2

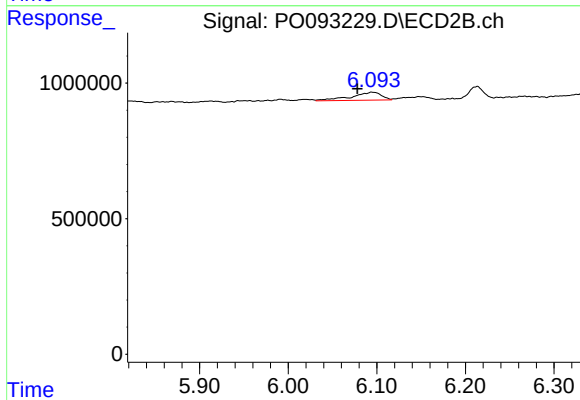
R.T.: 5.659 min
Delta R.T.: -0.014 min
Response: 93251184
Conc: 1654.81 ng/ml



#28 AR-1254-3

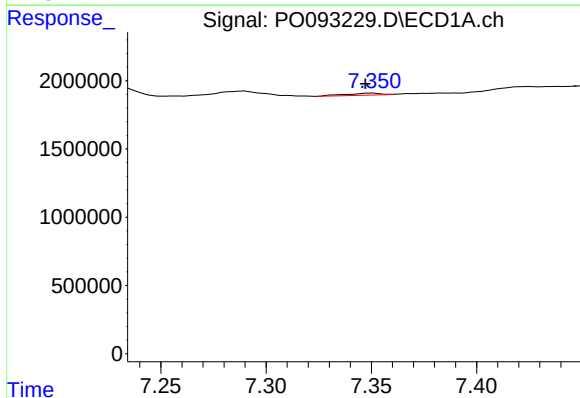
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 1491200
Conc: 8.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



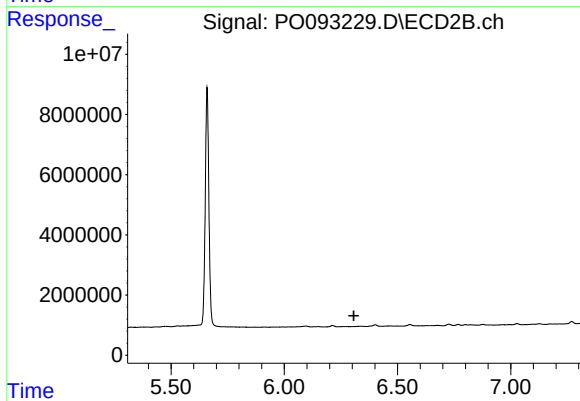
#28 AR-1254-3

R.T.: 6.095 min
Delta R.T.: 0.017 min
Response: 696893
Conc: 8.09 ng/ml



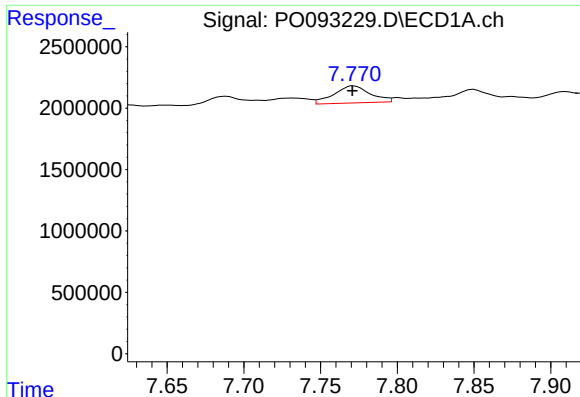
#29 AR-1254-4

R.T.: 7.350 min
Delta R.T.: 0.003 min
Response: 179714
Conc: 1.69 ng/ml



#29 AR-1254-4

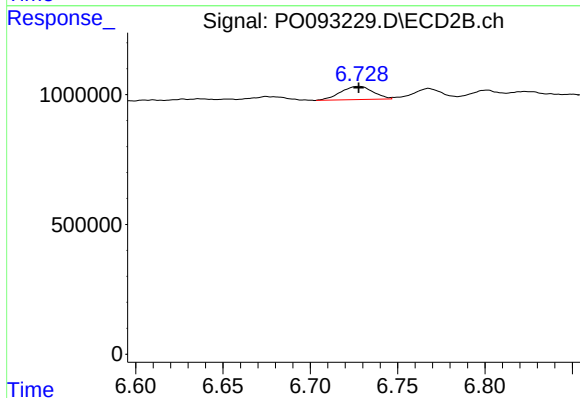
R.T.: 0.000 min
Exp R.T. : 6.308 min
Response: 0
Conc: N.D.



#30 AR-1254-5

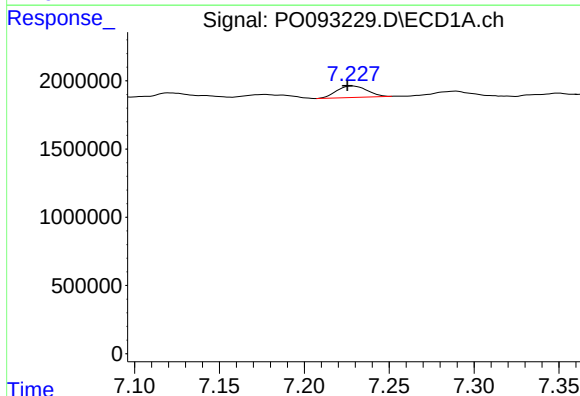
R.T.: 7.771 min
Delta R.T.: 0.000 min
Response: 2313397
Conc: 17.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



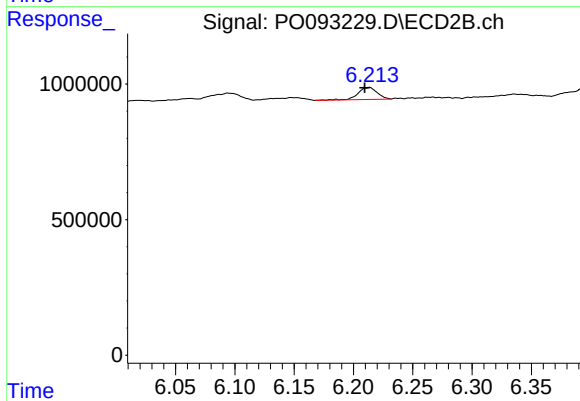
#30 AR-1254-5

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 661727
Conc: 8.96 ng/ml



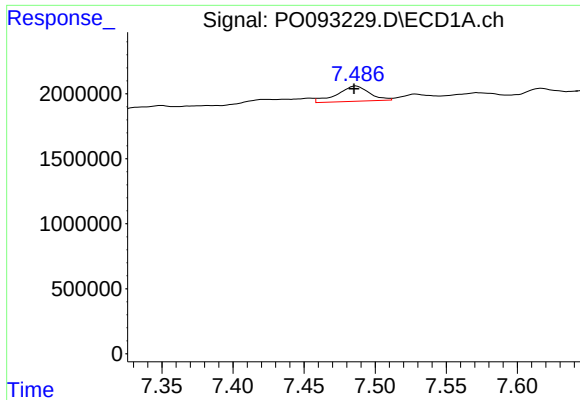
#31 AR-1260-1

R.T.: 7.228 min
Delta R.T.: 0.003 min
Response: 1050788
Conc: 8.11 ng/ml



#31 AR-1260-1

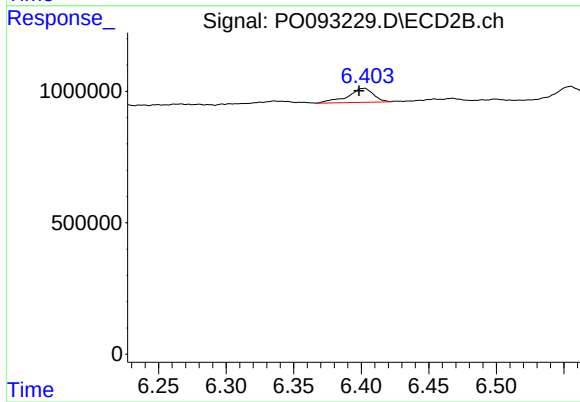
R.T.: 6.213 min
Delta R.T.: 0.004 min
Response: 488633
Conc: 8.04 ng/ml



#32 AR-1260-2

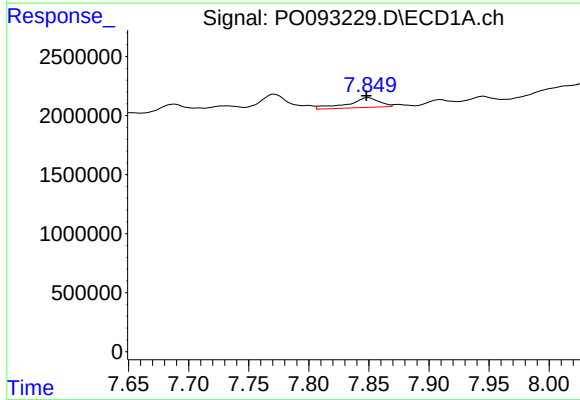
R.T.: 7.486 min
Delta R.T.: 0.001 min
Response: 1857383
Conc: 12.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



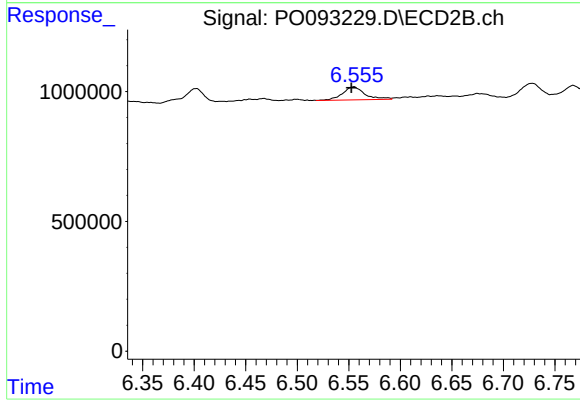
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 710486
Conc: 9.83 ng/ml



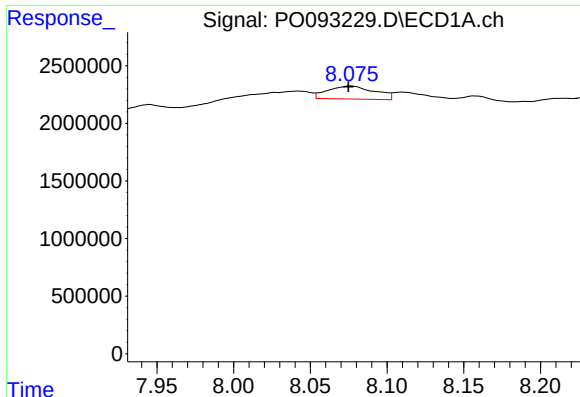
#33 AR-1260-3

R.T.: 7.849 min
Delta R.T.: 0.001 min
Response: 1516999
Conc: 13.49 ng/ml



#33 AR-1260-3

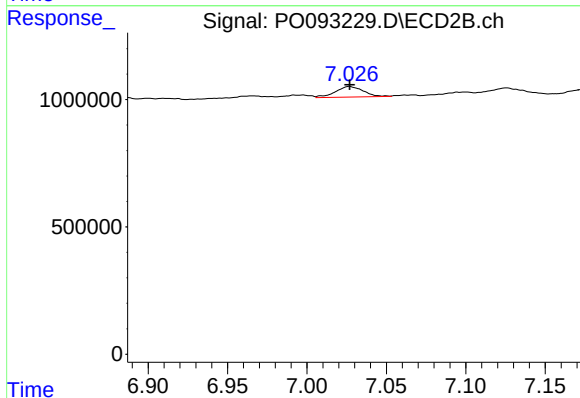
R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 754211
Conc: 11.28 ng/ml



#34 AR-1260-4

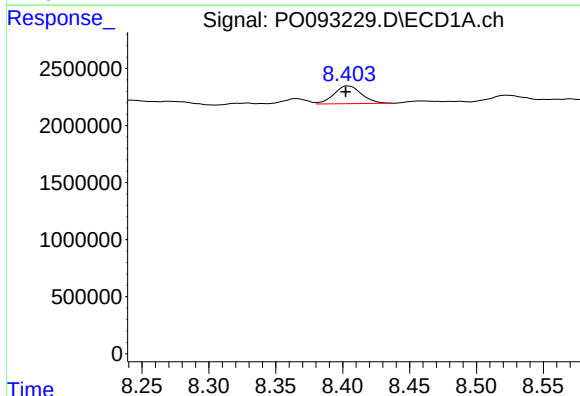
R.T.: 8.076 min
Delta R.T.: 0.001 min
Response: 2403018
Conc: 18.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



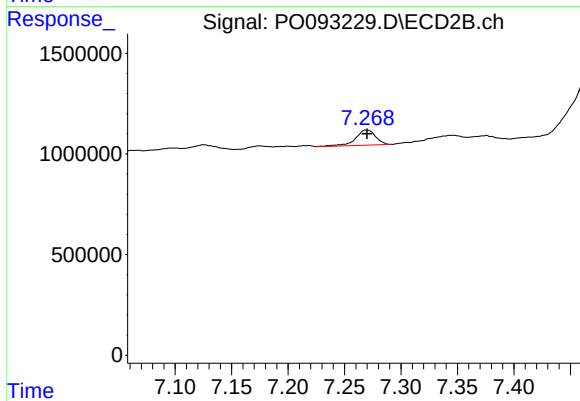
#34 AR-1260-4

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 502145
Conc: 9.12 ng/ml



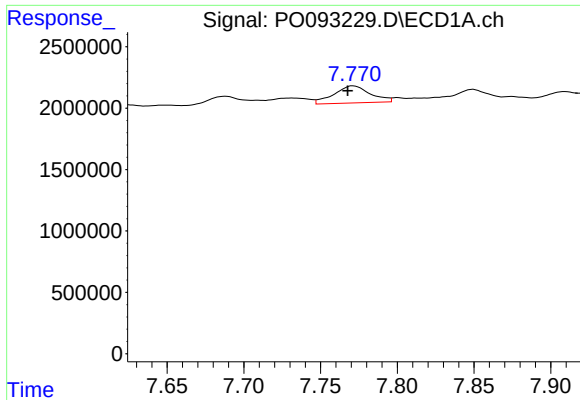
#35 AR-1260-5

R.T.: 8.404 min
Delta R.T.: 0.002 min
Response: 2228975
Conc: 9.98 ng/ml



#35 AR-1260-5

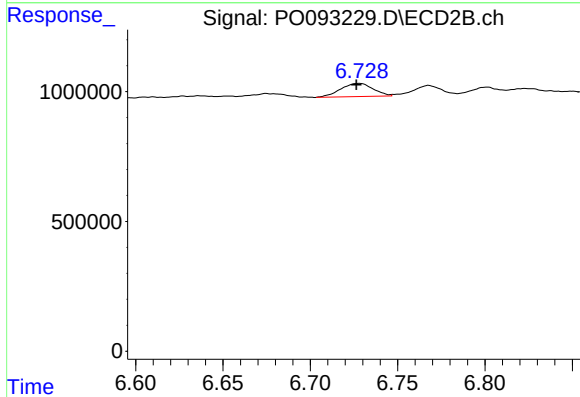
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 945095
Conc: 8.03 ng/ml



#36 AR-1262-1

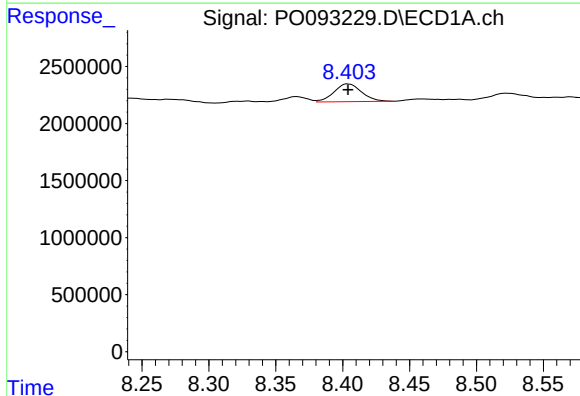
R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 2313397
Conc: 23.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



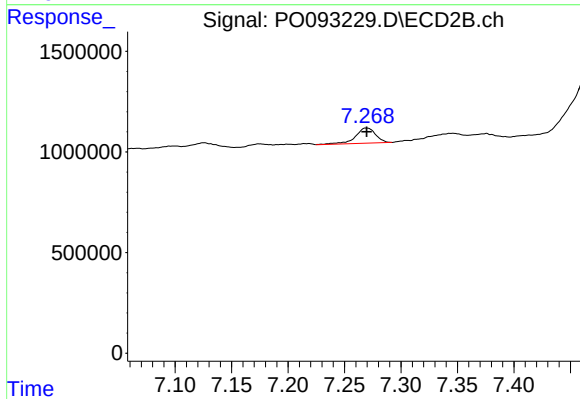
#36 AR-1262-1

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 661727
Conc: 17.71 ng/ml



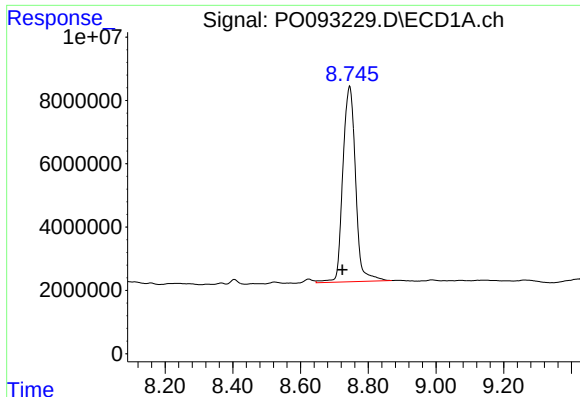
#37 AR-1262-2

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 2228975
Conc: 9.39 ng/ml



#37 AR-1262-2

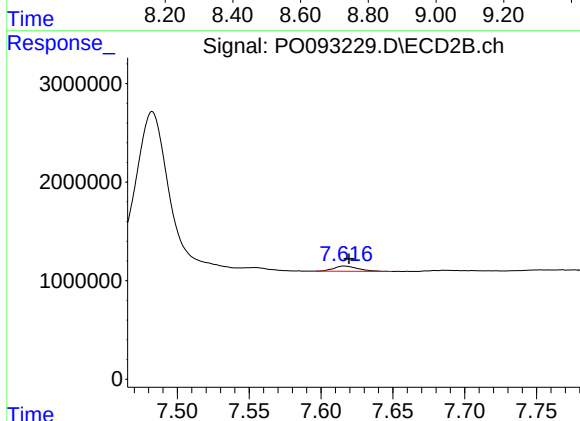
R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 945095
Conc: 7.94 ng/ml



#38 AR-1262-3

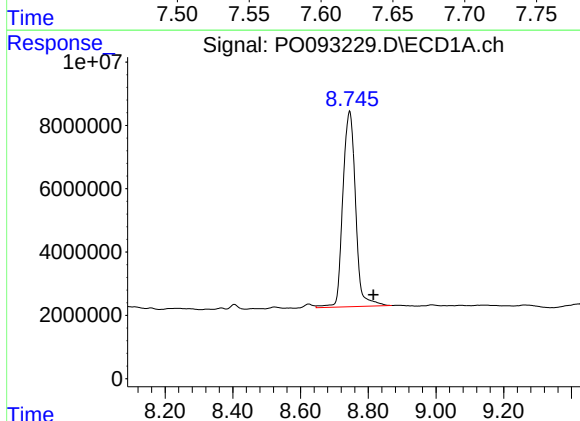
R.T.: 8.745 min
Delta R.T.: 0.021 min
Response: 160856851
Conc: 952.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



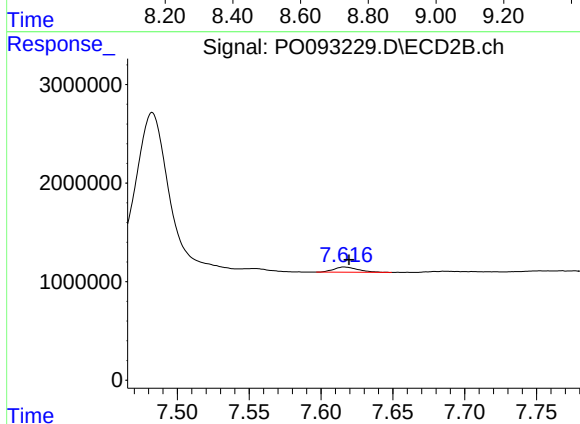
#38 AR-1262-3

R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 614354
Conc: 6.80 ng/ml



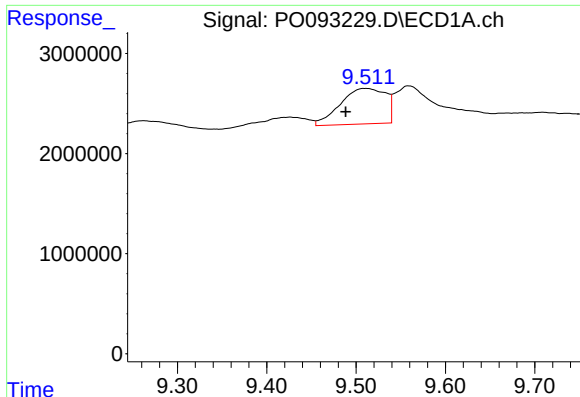
#39 AR-1262-4

R.T.: 8.745 min
Delta R.T.: -0.070 min
Response: 160856851
Conc: 1796.04 ng/ml



#39 AR-1262-4

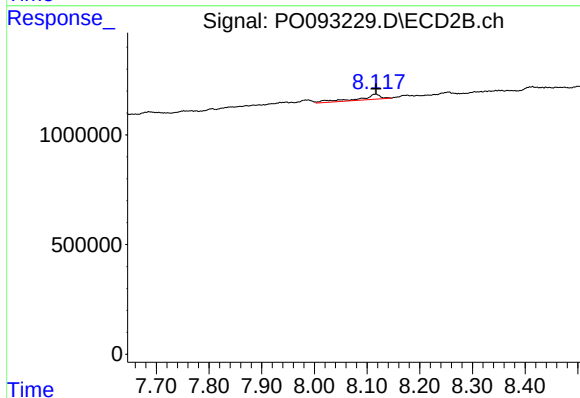
R.T.: 7.616 min
Delta R.T.: -0.003 min
Response: 614354
Conc: 6.80 ng/ml



#40 AR-1262-5

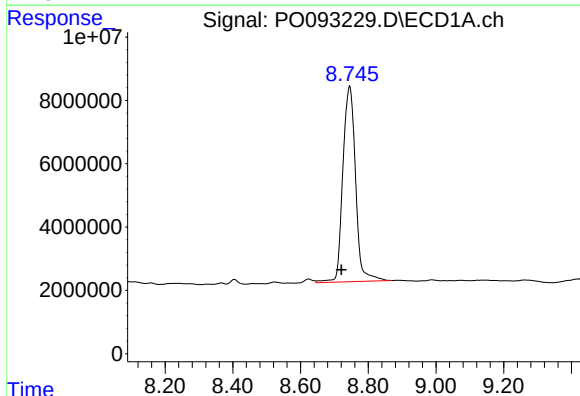
R.T.: 9.511 min
Delta R.T.: 0.022 min
Response: 12500781
Conc: 130.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



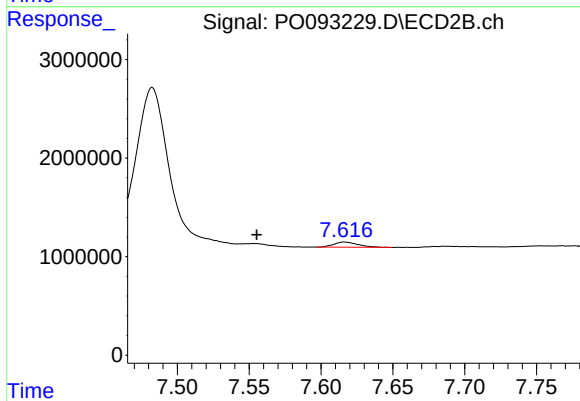
#40 AR-1262-5

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 690082
Conc: 16.86 ng/ml



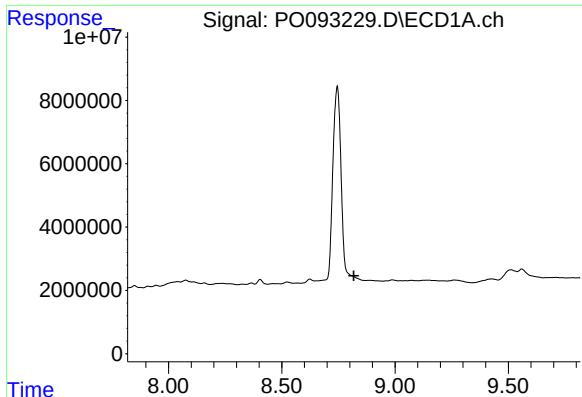
#41 AR-1268-1

R.T.: 8.745 min
Delta R.T.: 0.024 min
Response: 160856851
Conc: 503.74 ng/ml



#41 AR-1268-1

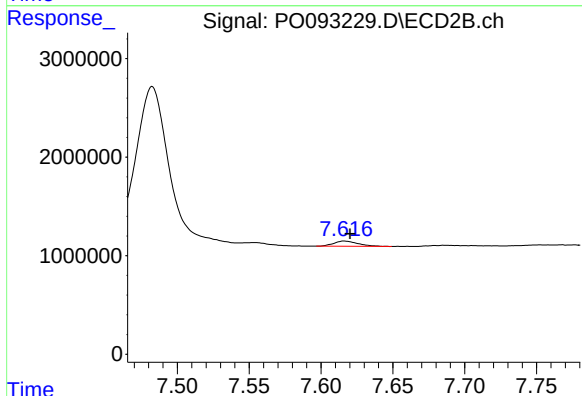
R.T.: 7.616 min
Delta R.T.: 0.061 min
Response: 614354
Conc: 3.93 ng/ml



#42 AR-1268-2

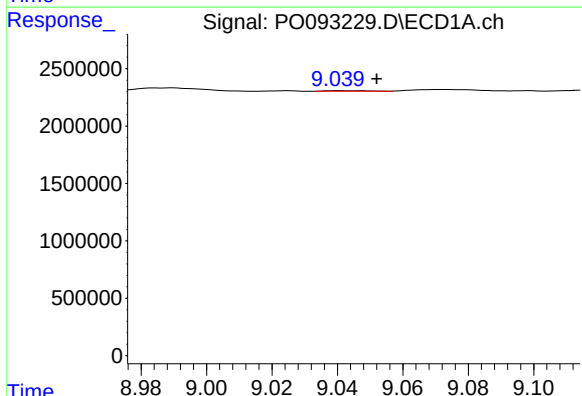
R.T.: 0.000 min
Exp R.T.: 8.818 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



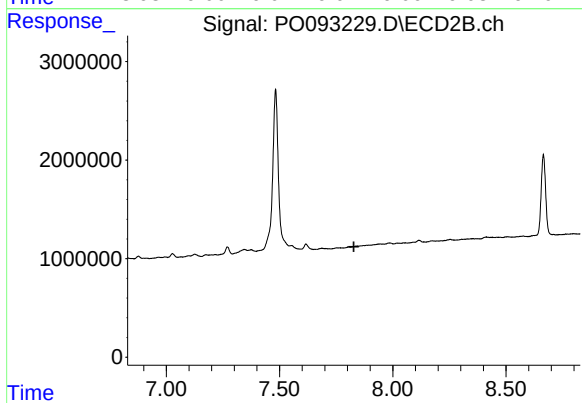
#42 AR-1268-2

R.T.: 7.616 min
Delta R.T.: -0.004 min
Response: 614354
Conc: 4.40 ng/ml



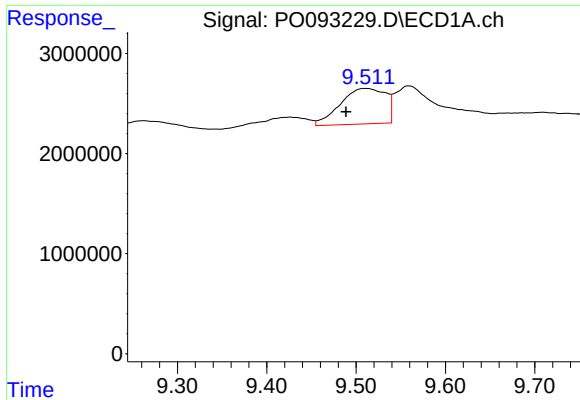
#43 AR-1268-3

R.T.: 9.041 min
Delta R.T.: -0.011 min
Response: 44489
Conc: 0.17 ng/ml



#43 AR-1268-3

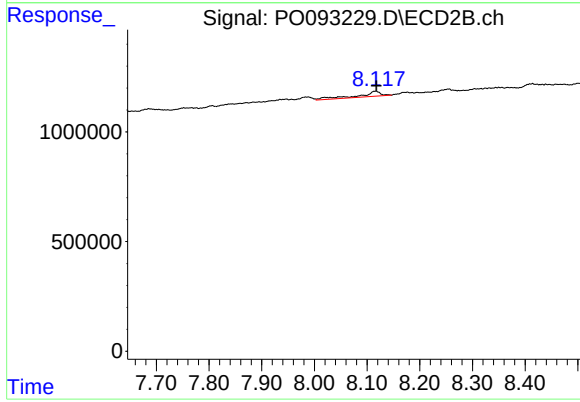
R.T.: 0.000 min
Exp R.T.: 7.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.022 min
Response: 12500781
Conc: 117.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 690082
Conc: 13.99 ng/ml