

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032123\
 Data File : P0093379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2023 18:54
 Operator : YP/AJ
 Sample : 02021-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 21:18:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.425	3.631	70938124	24322854	22.653	21.565
2)	SA Decachlor...	10.254	8.659	52241671	21081769	24.138	21.531
Target Compounds							
3)	L1 AR-1016-1	5.625	4.741	2851847	1022014	29.846	28.551
4)	L1 AR-1016-2	5.625	4.741	2851847	1022014	19.972	19.693
5)	L1 AR-1016-3	5.698	0.000	1036225	0	11.421	N.D. #
6)	L1 AR-1016-4	5.827f	5.021f	-559280	1858983	N.D.	74.767 #
7)	L1 AR-1016-5	6.093	5.114f	4358617	2153731	58.214	68.051
8)	L2 AR-1221-1	4.632	0.000	838153	0	20.735	N.D. #
9)	L2 AR-1221-2	4.733	3.929	1047482	521129	34.565	47.719 #
10)	L2 AR-1221-3	4.796	4.049f	781069	1838881	8.544	53.978 #
11)	L3 AR-1232-1	4.796	4.049f	781069	1838881	10.698	65.107 #
12)	L3 AR-1232-2	5.333	4.741	1489985	1022014	41.439	41.477
13)	L3 AR-1232-3	5.625	0.000	2851847	0	43.563	N.D. #
14)	L3 AR-1232-4	5.827f	5.021	-559280	1858983	N.D.	145.146 #
15)	L3 AR-1232-5	5.880	5.114f	305612	2153731	11.014	153.573 #
16)	L4 AR-1242-1	5.625	4.741	2851847	1022014	34.794	33.634
17)	L4 AR-1242-2	5.625	4.741	2851847	1022014	23.761	23.019
18)	L4 AR-1242-3	5.698	0.000	1036225	0	13.502	N.D. #
19)	L4 AR-1242-4	5.827f	5.021	-559280	1858983	N.D.	71.362 #
20)	L4 AR-1242-5	6.528	5.522	3580117	2620719	57.291	91.739 #
21)	L5 AR-1248-1	5.625	4.741	2851847	1022014	45.876	43.917
22)	L5 AR-1248-2	5.880	5.021f	305612	1858983	3.200	51.296 #
23)	L5 AR-1248-3	6.093	5.021	4358617	1858983	41.886	49.538
24)	L5 AR-1248-4	6.498	5.114f	2780648	2153731	27.306	50.062 #
25)	L5 AR-1248-5	6.528	5.562	3580117	561986	34.976	15.281 #
26)	L6 AR-1254-1	6.470	5.522	5397840	2620719	46.191	41.755
27)	L6 AR-1254-2	6.690	5.668	5501301	975187	32.196	17.305 #
28)	L6 AR-1254-3	7.056	6.072	7213087	4163359	43.390	48.358
29)	L6 AR-1254-4	7.340	6.301	2898562	649681	27.191	14.207 #
30)	L6 AR-1254-5	7.764	6.719	7696523	2913248	56.839	39.447 #
31)	L7 AR-1260-1	7.220	6.202	4688149	2654139	36.187	43.655
32)	L7 AR-1260-2	7.474	6.393	5177624	2240248	35.073	30.987
33)	L7 AR-1260-3	7.842	6.545	1873484	1815021	16.656	27.143 #
34)	L7 AR-1260-4	8.058	7.019	2747365	882805	21.424	16.042 #
35)	L7 AR-1260-5	8.396	7.262	3744114	1959262	16.757	16.642
36)	L8 AR-1262-1	7.764	6.719	7696523	2913248	77.427	77.960
37)	L8 AR-1262-2	8.396	7.262	3744114	1959262	15.776	16.453
38)	L8 AR-1262-3	8.727	7.611	2868811	1483883	16.987	16.417
39)	L8 AR-1262-4	8.807	7.611	1292798	1483883	14.435	16.417
40)	L8 AR-1262-5	9.477	8.111	1956168	523477	20.481	12.791 #
41)	L9 AR-1268-1	8.727	7.548	2868811	588885	8.984	3.763 #

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 Acq On : 21 Mar 2023 18:54
 Operator : YP/AJ
 Sample : 02021-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

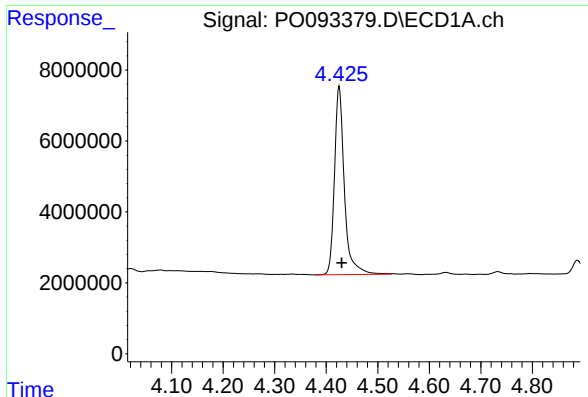
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 21:18:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.807	7.611	1292798	1483883	4.453	10.628 #
43) L9	AR-1268-3	9.045	7.815	148513	437360	0.582	3.515 #
44) L9	AR-1268-4	9.477	8.111	1956168	523477	18.317	10.615 #
45) L9	AR-1268-5	9.904	8.404	1062934	533944	1.324	1.512

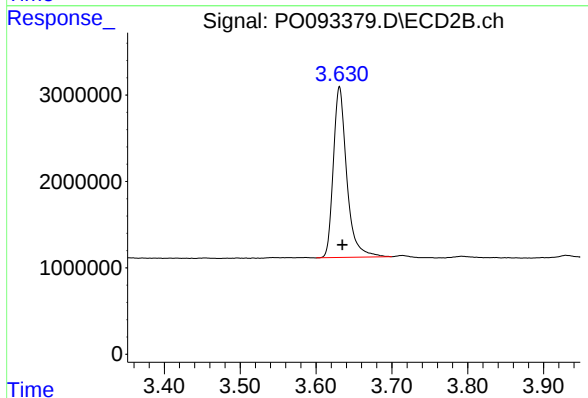
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

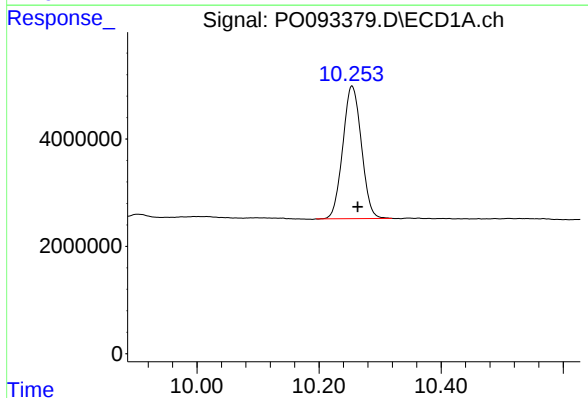
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 70938124
Conc: 22.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



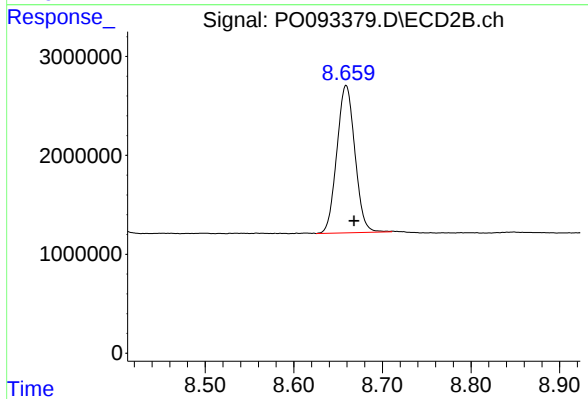
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 24322854
Conc: 21.57 ng/ml



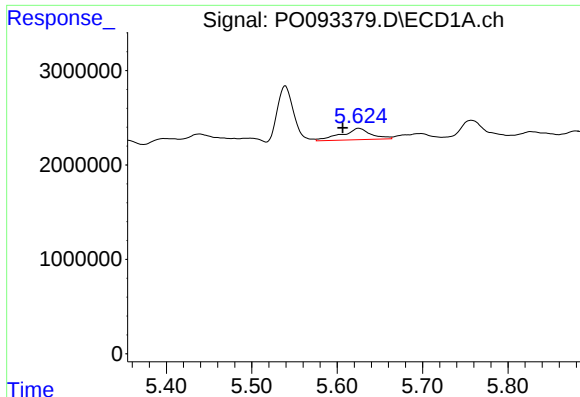
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.009 min
Response: 52241671
Conc: 24.14 ng/ml



#2 Decachlorobiphenyl

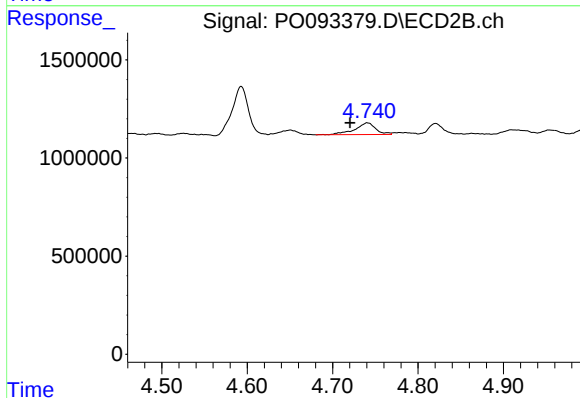
R.T.: 8.659 min
Delta R.T.: -0.009 min
Response: 21081769
Conc: 21.53 ng/ml



#3 AR-1016-1

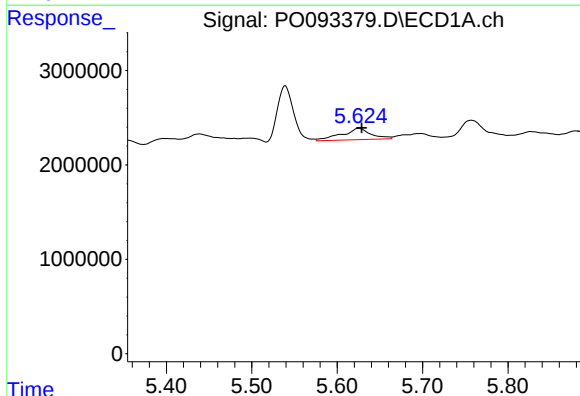
R.T.: 5.625 min
Delta R.T.: 0.019 min
Response: 2851847
Conc: 29.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



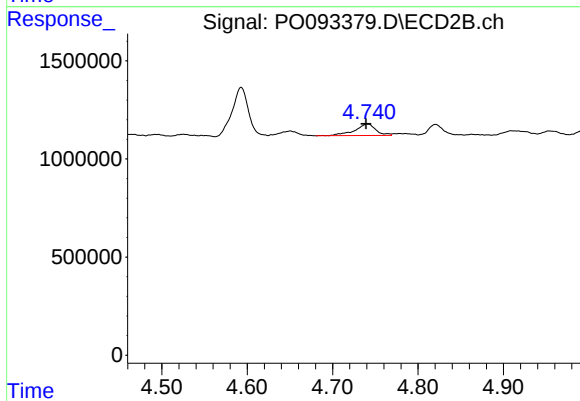
#3 AR-1016-1

R.T.: 4.741 min
Delta R.T.: 0.020 min
Response: 1022014
Conc: 28.55 ng/ml



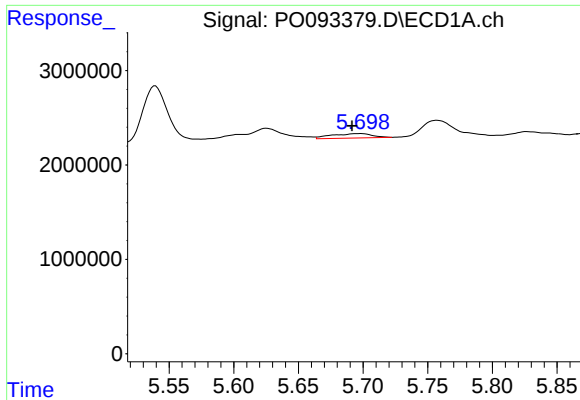
#4 AR-1016-2

R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 2851847
Conc: 19.97 ng/ml



#4 AR-1016-2

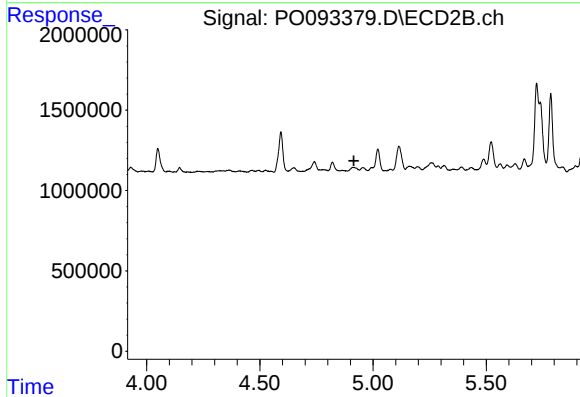
R.T.: 4.741 min
Delta R.T.: 0.002 min
Response: 1022014
Conc: 19.69 ng/ml



#5 AR-1016-3

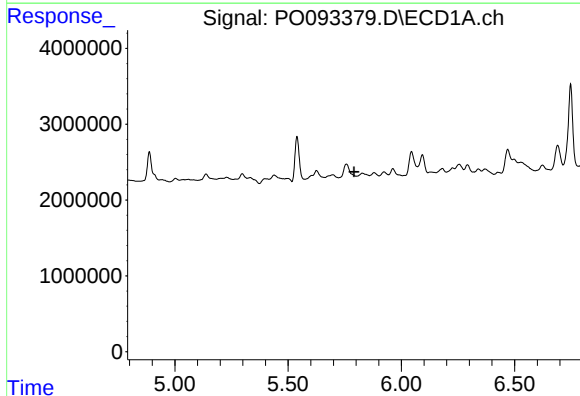
R.T.: 5.698 min
Delta R.T.: 0.007 min
Response: 1036225
Conc: 11.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



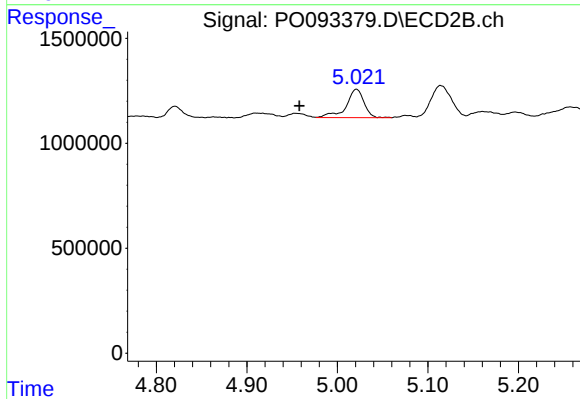
#5 AR-1016-3

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



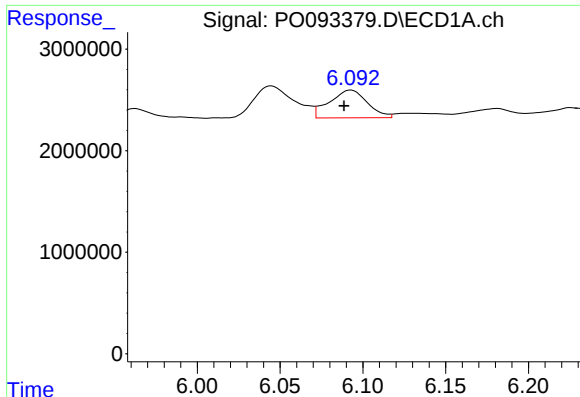
#6 AR-1016-4

R.T.: 5.827 min
Delta R.T.: 0.036 min
Response: -559280
Conc: N.D.



#6 AR-1016-4

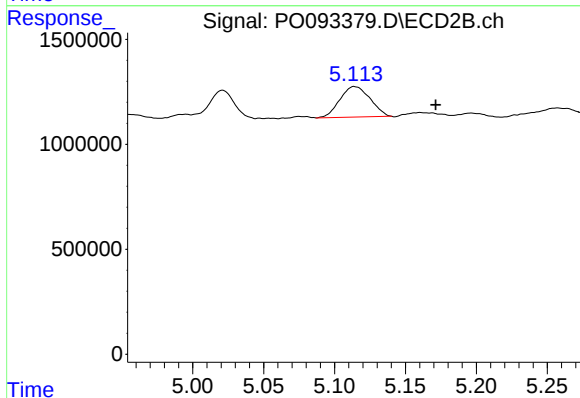
R.T.: 5.021 min
Delta R.T.: 0.063 min
Response: 1858983
Conc: 74.77 ng/ml



#7 AR-1016-5

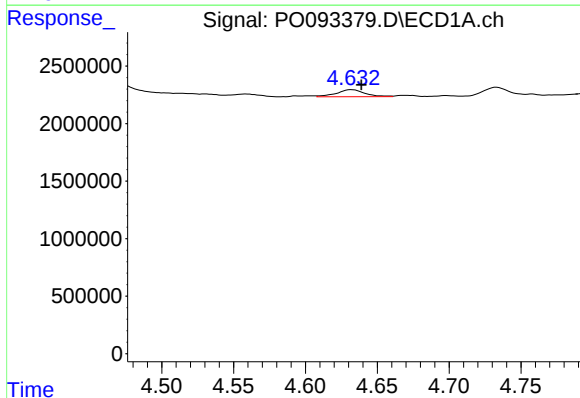
R.T.: 6.093 min
Delta R.T.: 0.004 min
Response: 4358617
Conc: 58.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



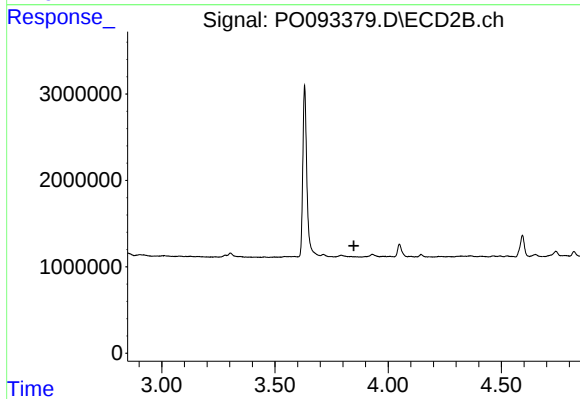
#7 AR-1016-5

R.T.: 5.114 min
Delta R.T.: -0.057 min
Response: 2153731
Conc: 68.05 ng/ml



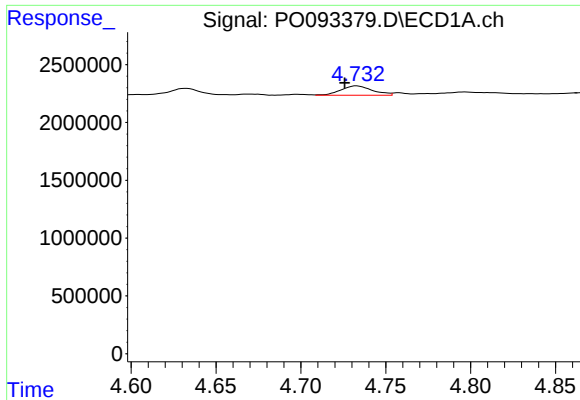
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.007 min
Response: 838153
Conc: 20.73 ng/ml



#8 AR-1221-1

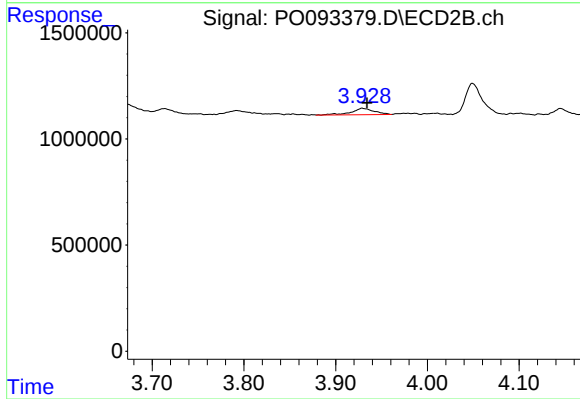
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

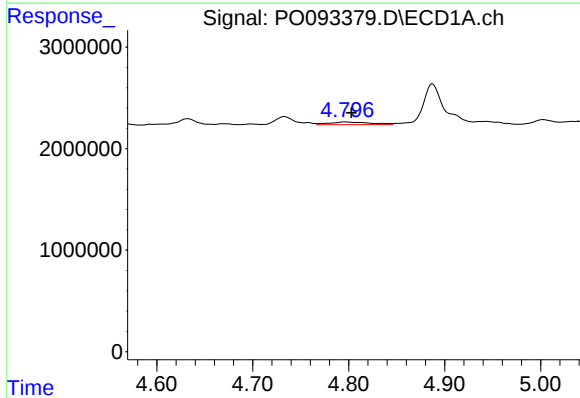
R.T.: 4.733 min
Delta R.T.: 0.007 min
Response: 1047482
Conc: 34.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



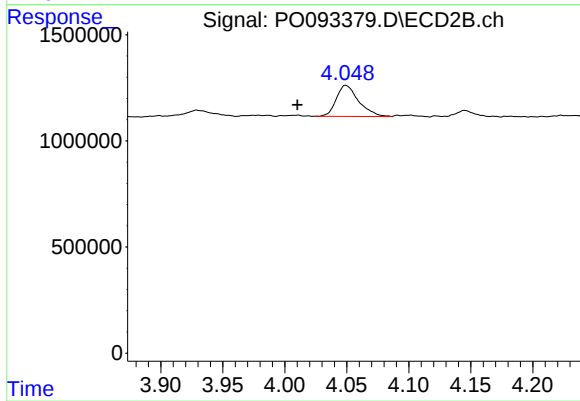
#9 AR-1221-2

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 521129
Conc: 47.72 ng/ml



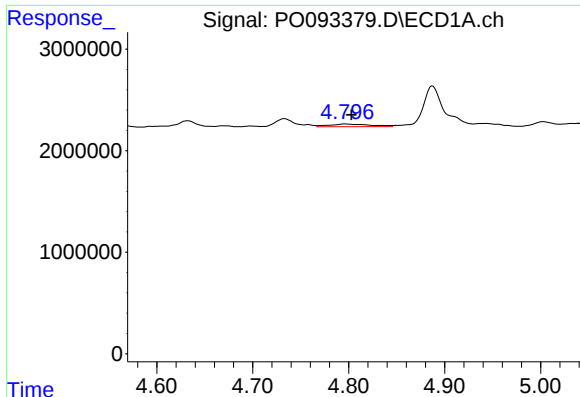
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 781069
Conc: 8.54 ng/ml



#10 AR-1221-3

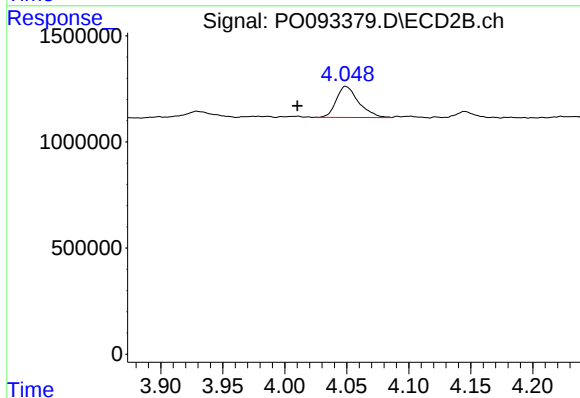
R.T.: 4.049 min
Delta R.T.: 0.039 min
Response: 1838881
Conc: 53.98 ng/ml



#11 AR-1232-1

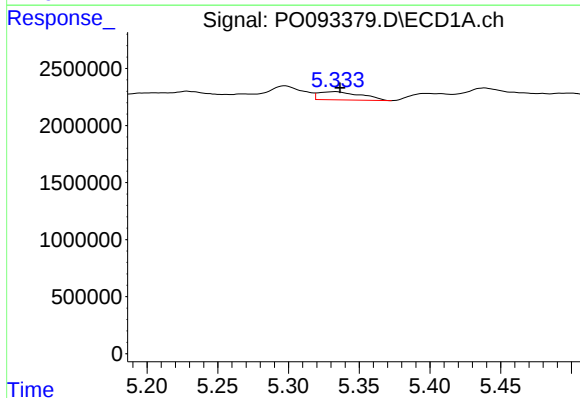
R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 781069
Conc: 10.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



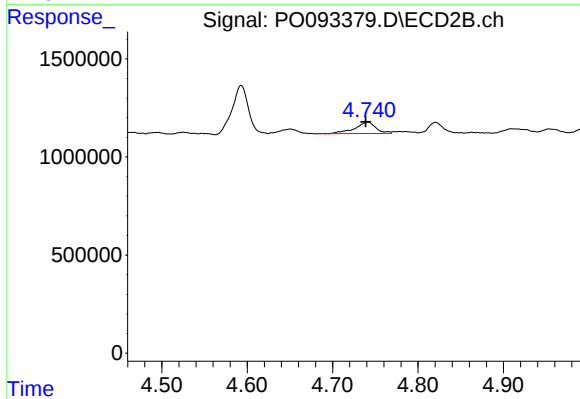
#11 AR-1232-1

R.T.: 4.049 min
Delta R.T.: 0.039 min
Response: 1838881
Conc: 65.11 ng/ml



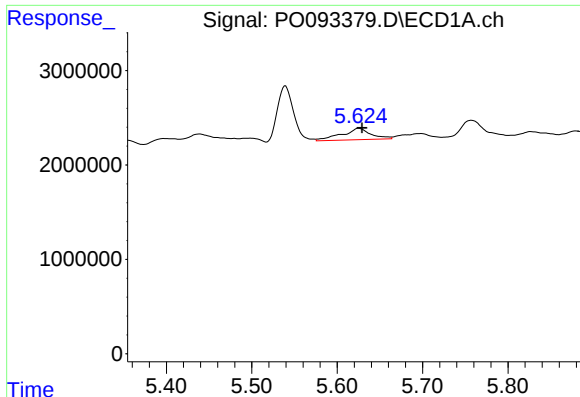
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.003 min
Response: 1489985
Conc: 41.44 ng/ml



#12 AR-1232-2

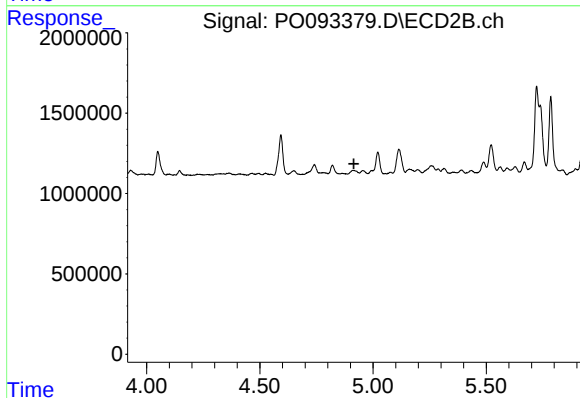
R.T.: 4.741 min
Delta R.T.: 0.002 min
Response: 1022014
Conc: 41.48 ng/ml



#13 AR-1232-3

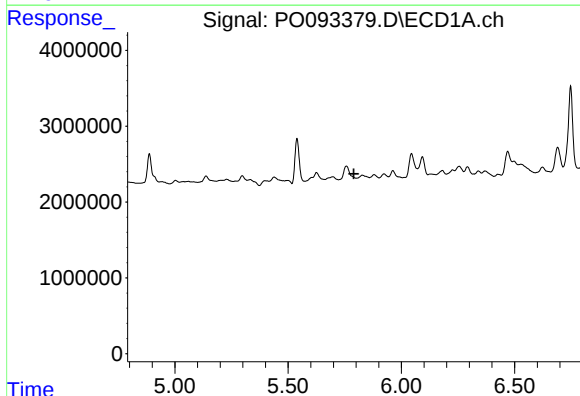
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 2851847
Conc: 43.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



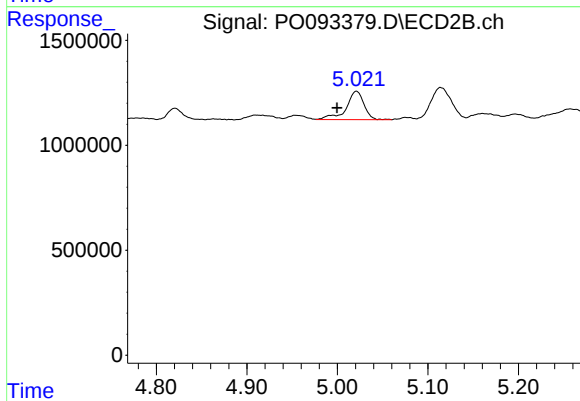
#13 AR-1232-3

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



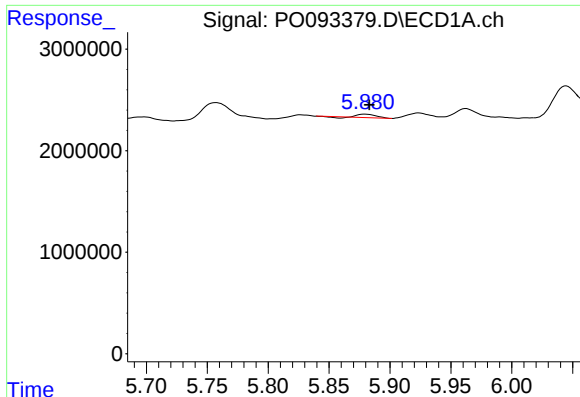
#14 AR-1232-4

R.T.: 5.827 min
Delta R.T.: 0.036 min
Response: -559280
Conc: N.D.



#14 AR-1232-4

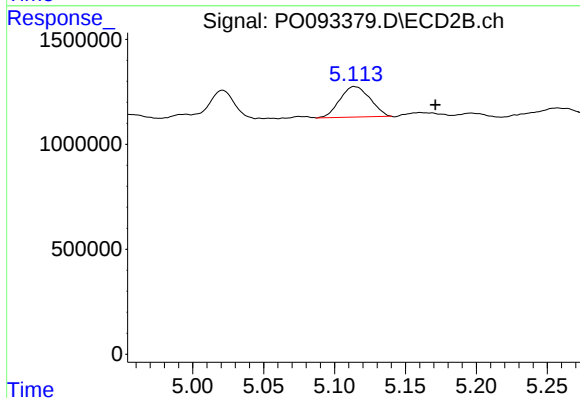
R.T.: 5.021 min
Delta R.T.: 0.021 min
Response: 1858983
Conc: 145.15 ng/ml



#15 AR-1232-5

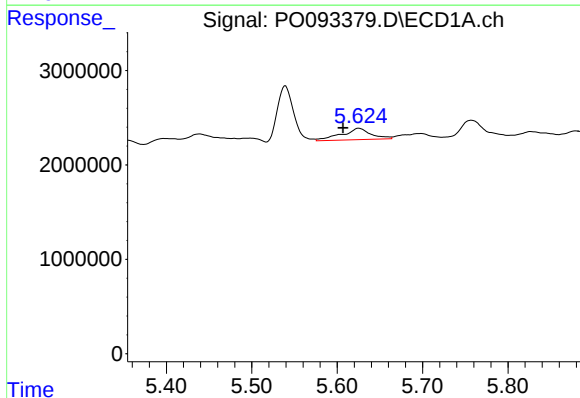
R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 305612
Conc: 11.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



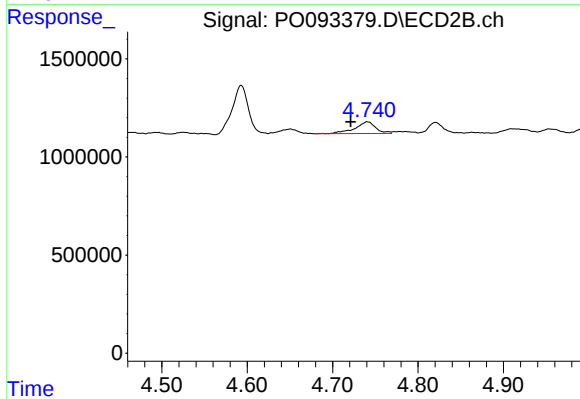
#15 AR-1232-5

R.T.: 5.114 min
Delta R.T.: -0.057 min
Response: 2153731
Conc: 153.57 ng/ml



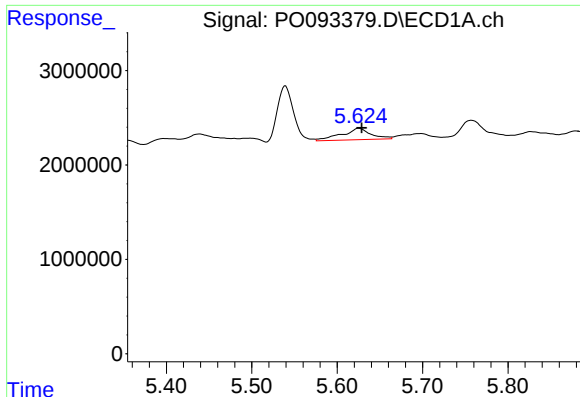
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.018 min
Response: 2851847
Conc: 34.79 ng/ml



#16 AR-1242-1

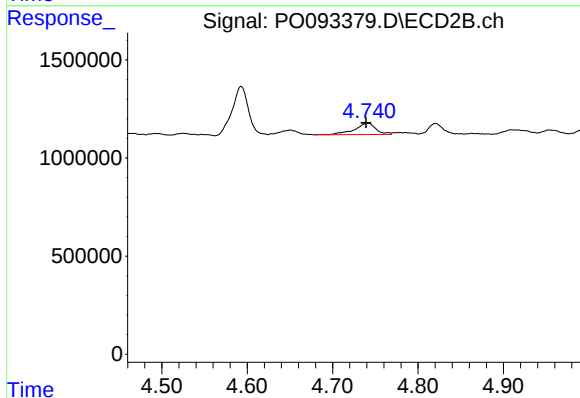
R.T.: 4.741 min
Delta R.T.: 0.019 min
Response: 1022014
Conc: 33.63 ng/ml



#17 AR-1242-2

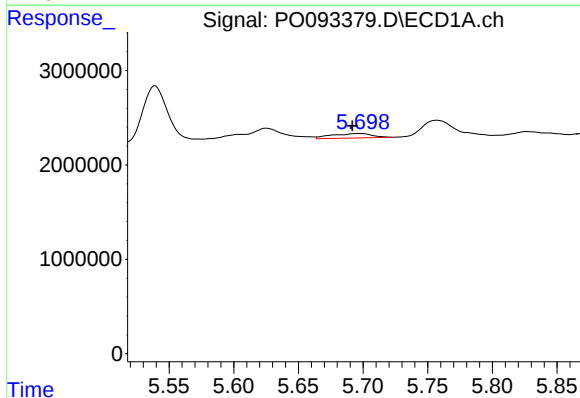
R.T.: 5.625 min
Delta R.T.: -0.004 min
Response: 2851847
Conc: 23.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



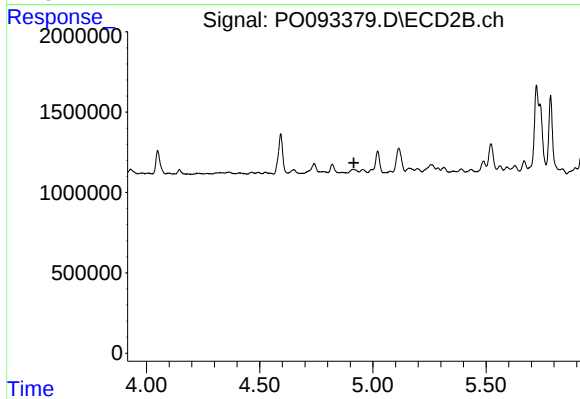
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 1022014
Conc: 23.02 ng/ml



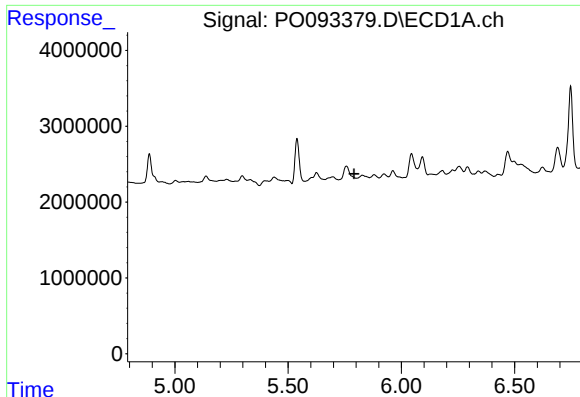
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 1036225
Conc: 13.50 ng/ml



#18 AR-1242-3

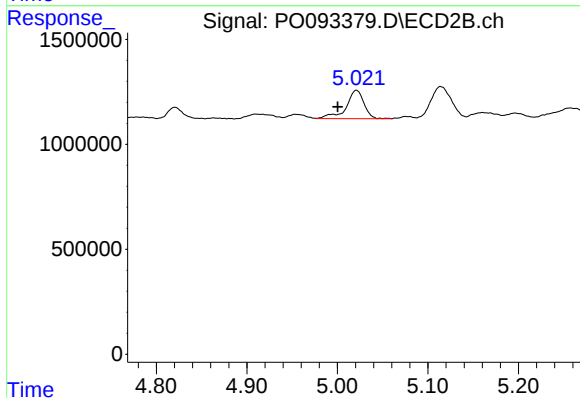
R.T.: 0.000 min
Exp R.T.: 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

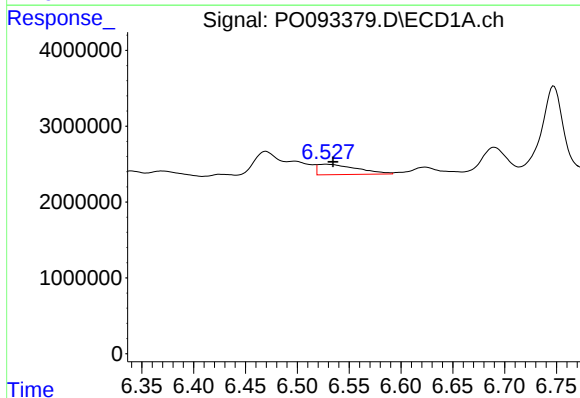
R.T.: 5.827 min
Delta R.T.: 0.036 min
Response: -559280
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



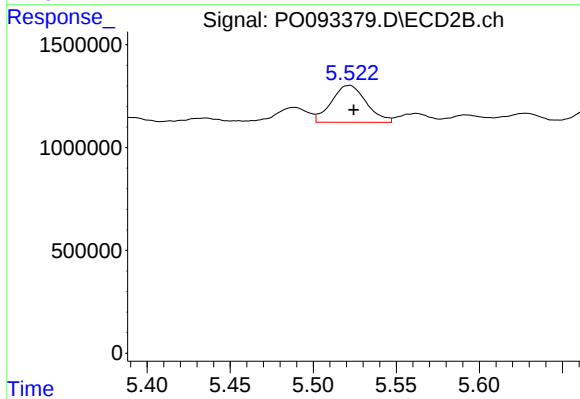
#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: 0.021 min
Response: 1858983
Conc: 71.36 ng/ml



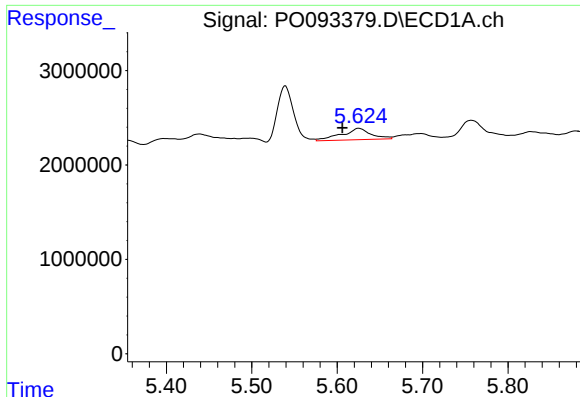
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: -0.007 min
Response: 3580117
Conc: 57.29 ng/ml



#20 AR-1242-5

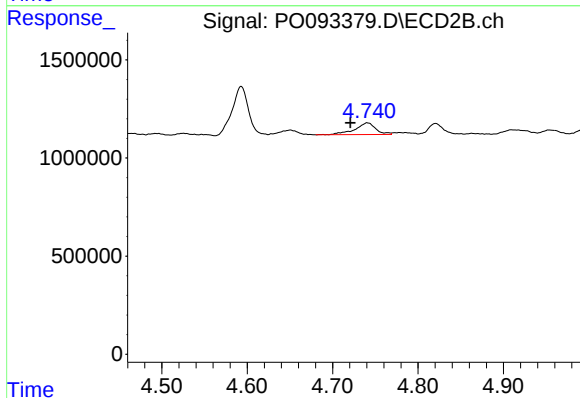
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 2620719
Conc: 91.74 ng/ml



#21 AR-1248-1

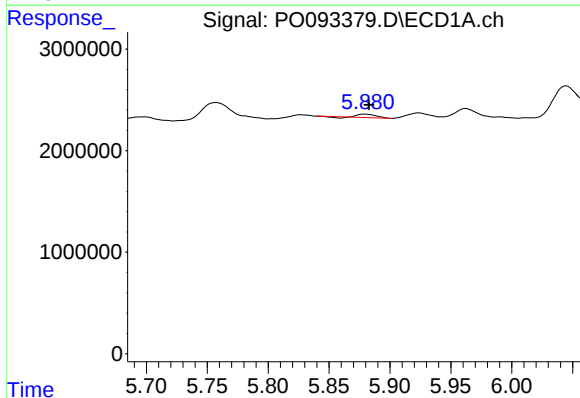
R.T.: 5.625 min
Delta R.T.: 0.019 min
Response: 2851847
Conc: 45.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



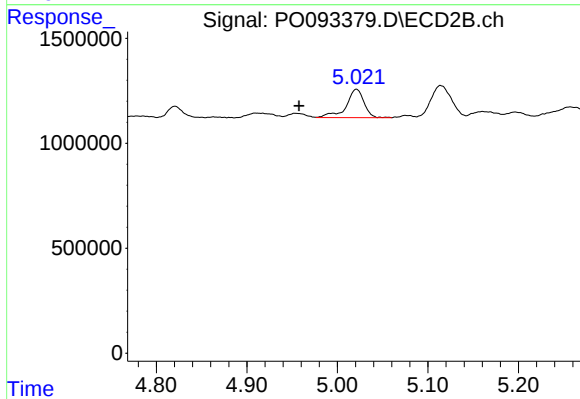
#21 AR-1248-1

R.T.: 4.741 min
Delta R.T.: 0.020 min
Response: 1022014
Conc: 43.92 ng/ml



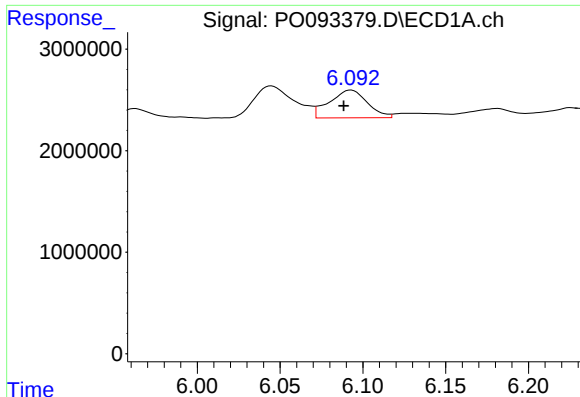
#22 AR-1248-2

R.T.: 5.880 min
Delta R.T.: -0.003 min
Response: 305612
Conc: 3.20 ng/ml



#22 AR-1248-2

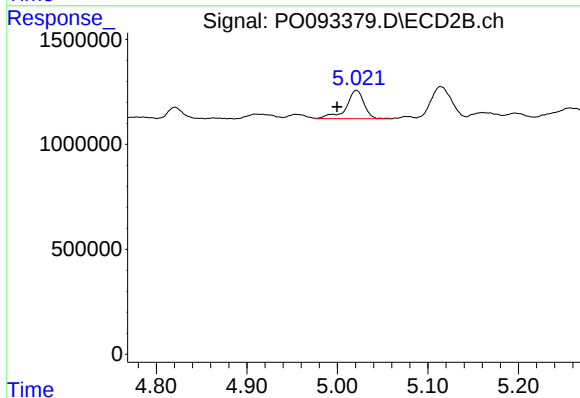
R.T.: 5.021 min
Delta R.T.: 0.063 min
Response: 1858983
Conc: 51.30 ng/ml



#23 AR-1248-3

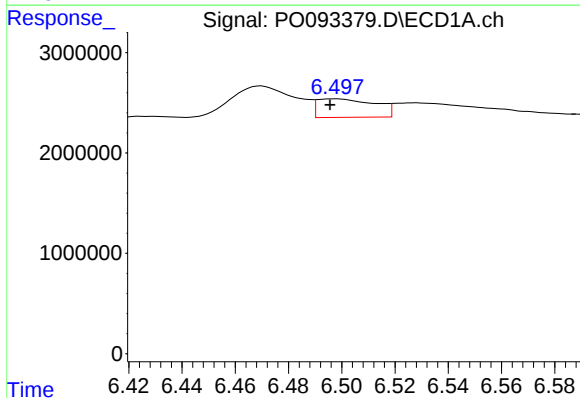
R.T.: 6.093 min
Delta R.T.: 0.005 min
Response: 4358617
Conc: 41.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



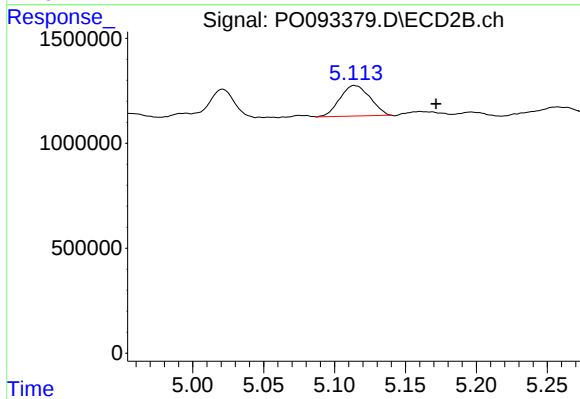
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: 0.021 min
Response: 1858983
Conc: 49.54 ng/ml



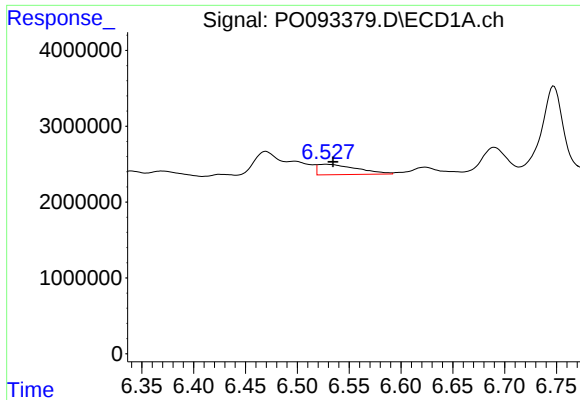
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.002 min
Response: 2780648
Conc: 27.31 ng/ml



#24 AR-1248-4

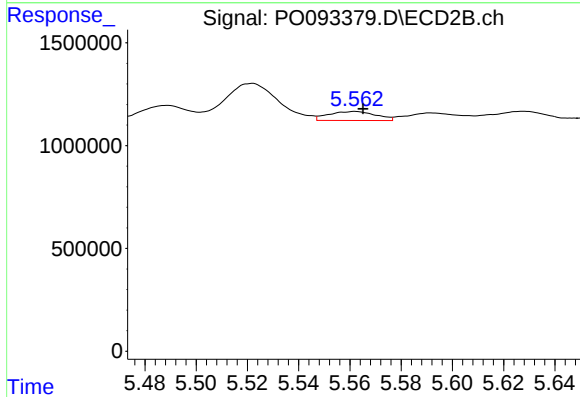
R.T.: 5.114 min
Delta R.T.: -0.057 min
Response: 2153731
Conc: 50.06 ng/ml



#25 AR-1248-5

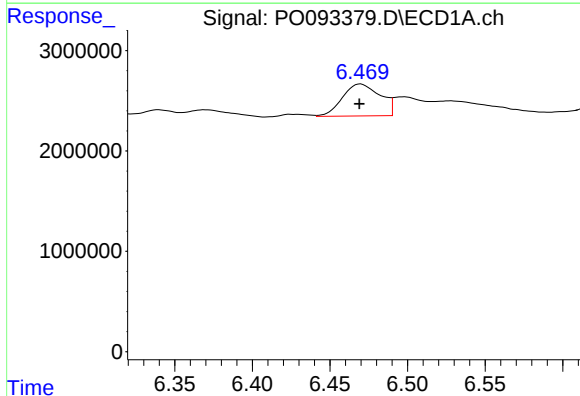
R.T.: 6.528 min
Delta R.T.: -0.007 min
Response: 3580117
Conc: 34.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



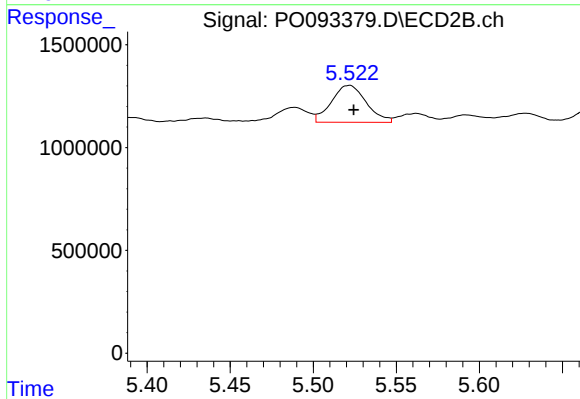
#25 AR-1248-5

R.T.: 5.562 min
Delta R.T.: -0.003 min
Response: 561986
Conc: 15.28 ng/ml



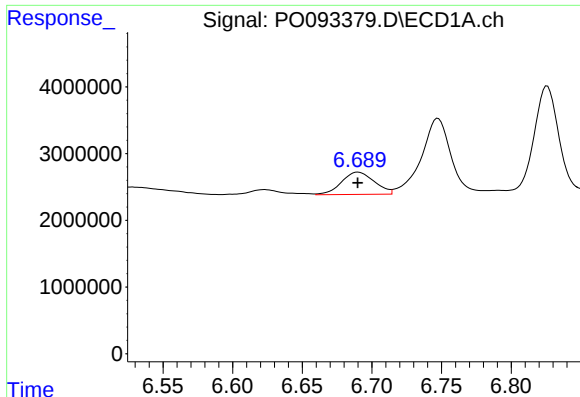
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 5397840
Conc: 46.19 ng/ml



#26 AR-1254-1

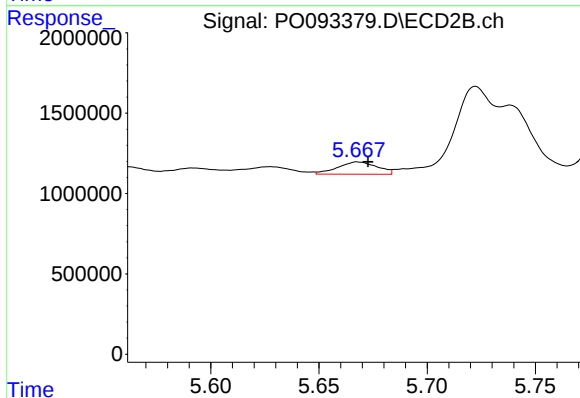
R.T.: 5.522 min
Delta R.T.: -0.003 min
Response: 2620719
Conc: 41.76 ng/ml



#27 AR-1254-2

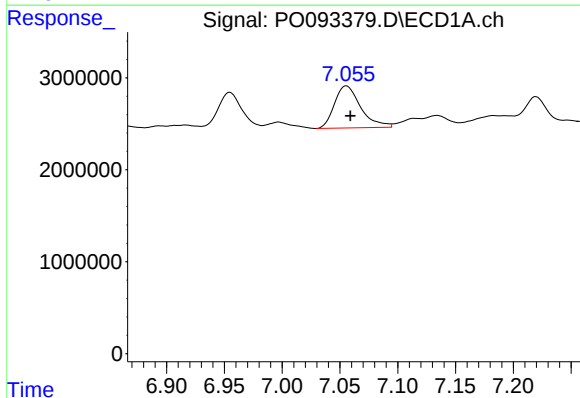
R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 5501301
Conc: 32.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



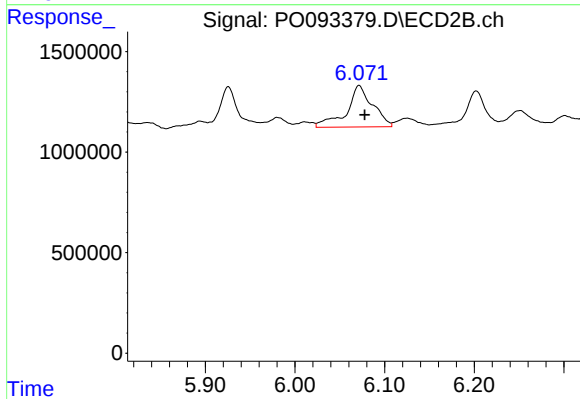
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 975187
Conc: 17.31 ng/ml



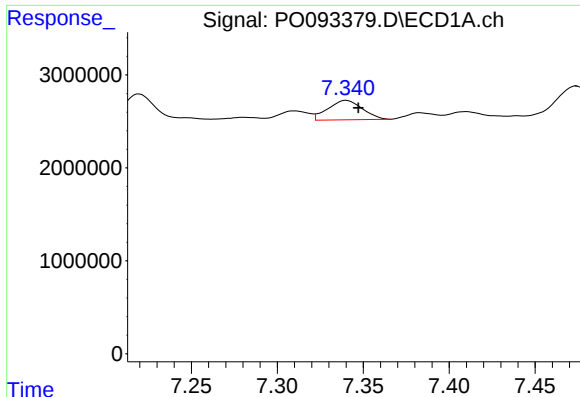
#28 AR-1254-3

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 7213087
Conc: 43.39 ng/ml



#28 AR-1254-3

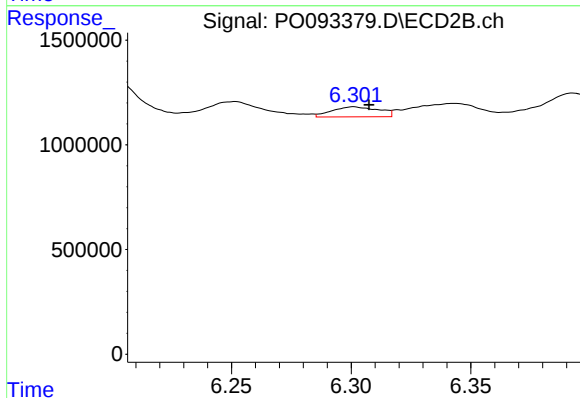
R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 4163359
Conc: 48.36 ng/ml



#29 AR-1254-4

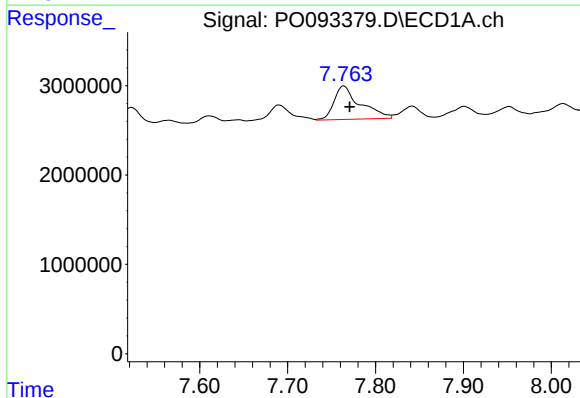
R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 2898562
Conc: 27.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



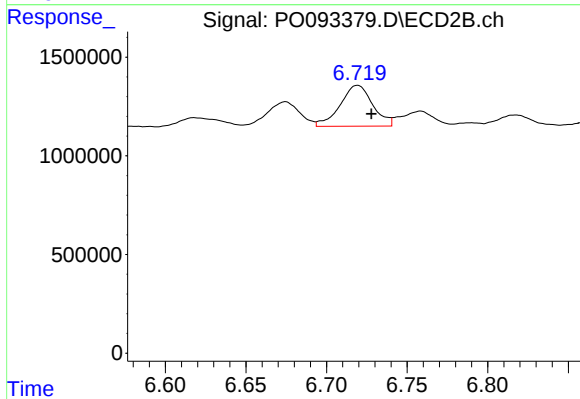
#29 AR-1254-4

R.T.: 6.301 min
Delta R.T.: -0.007 min
Response: 649681
Conc: 14.21 ng/ml



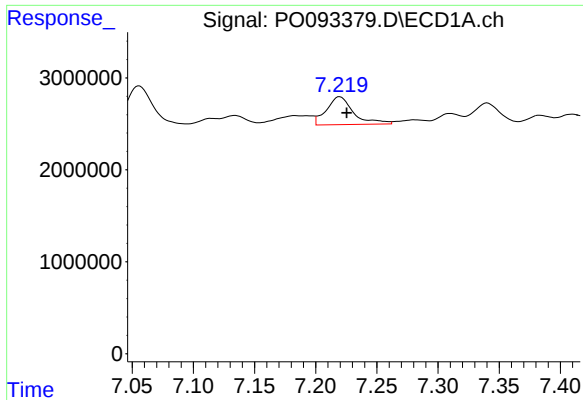
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: -0.007 min
Response: 7696523
Conc: 56.84 ng/ml



#30 AR-1254-5

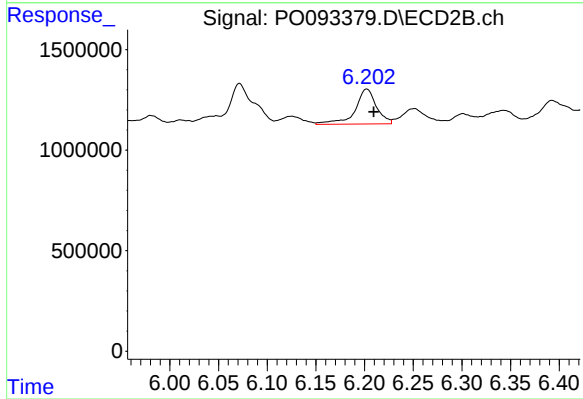
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 2913248
Conc: 39.45 ng/ml



#31 AR-1260-1

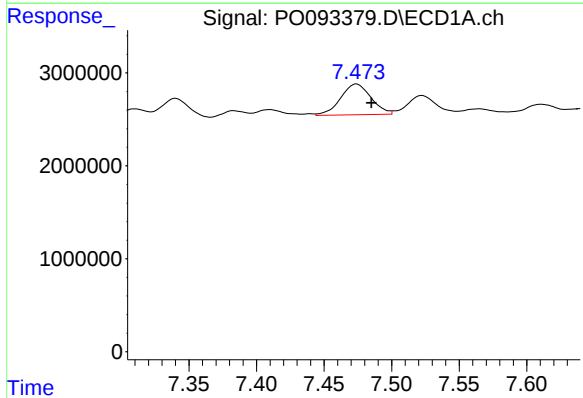
R.T.: 7.220 min
Delta R.T.: -0.006 min
Response: 4688149
Conc: 36.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



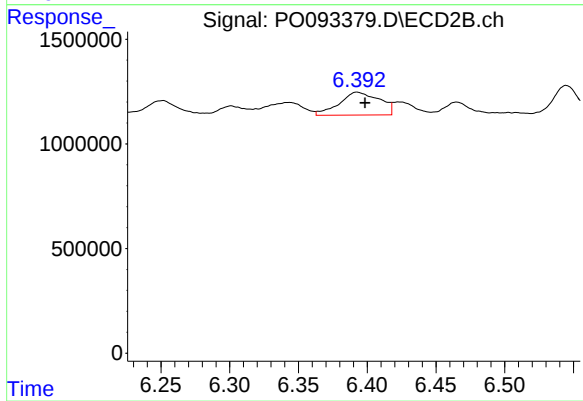
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.007 min
Response: 2654139
Conc: 43.65 ng/ml



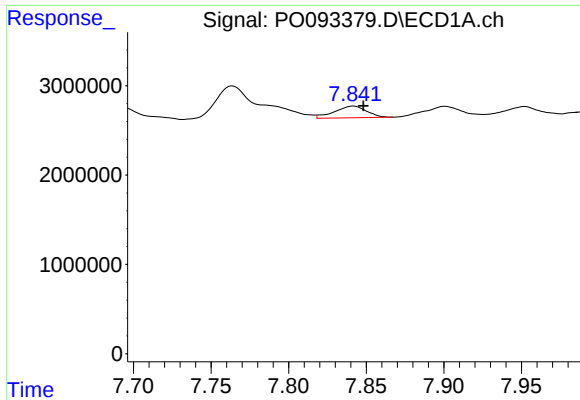
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.011 min
Response: 5177624
Conc: 35.07 ng/ml



#32 AR-1260-2

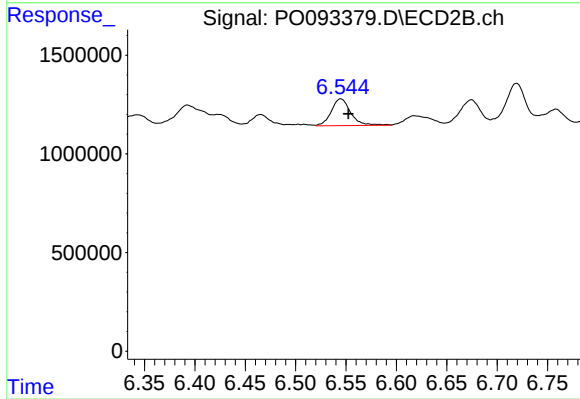
R.T.: 6.393 min
Delta R.T.: -0.006 min
Response: 2240248
Conc: 30.99 ng/ml



#33 AR-1260-3

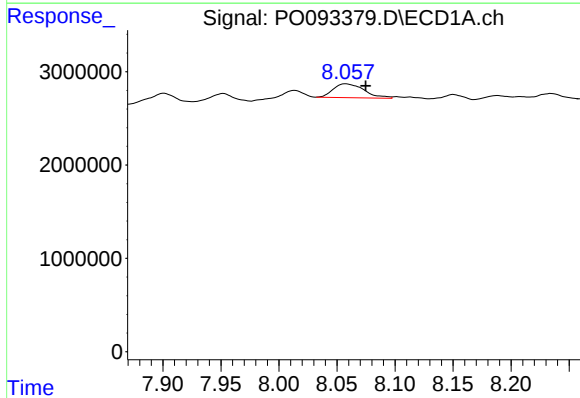
R.T.: 7.842 min
Delta R.T.: -0.006 min
Response: 1873484
Conc: 16.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



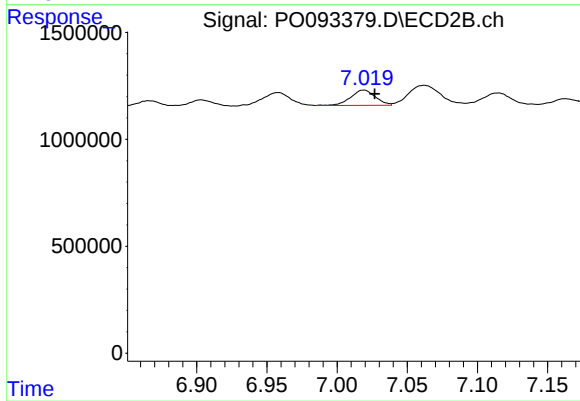
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.008 min
Response: 1815021
Conc: 27.14 ng/ml



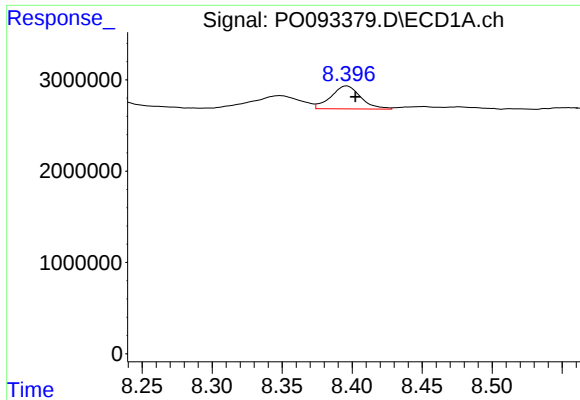
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.017 min
Response: 2747365
Conc: 21.42 ng/ml



#34 AR-1260-4

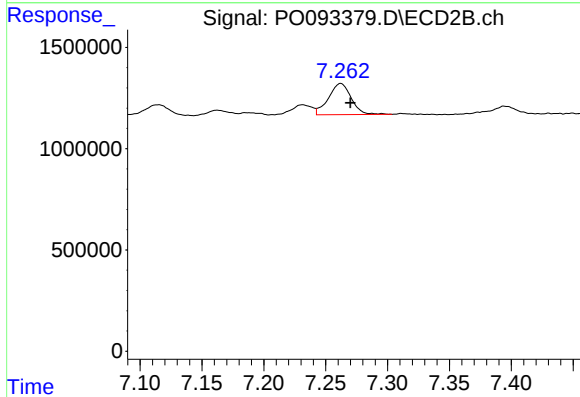
R.T.: 7.019 min
Delta R.T.: -0.008 min
Response: 882805
Conc: 16.04 ng/ml



#35 AR-1260-5

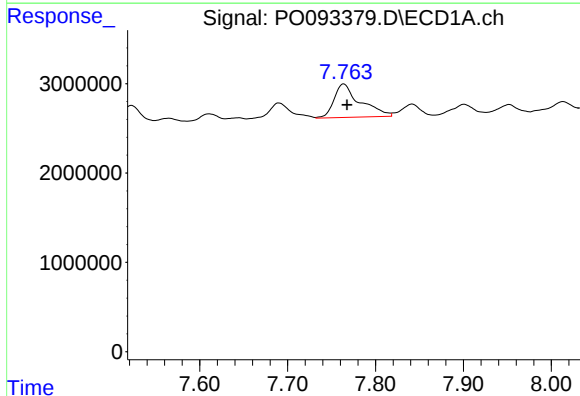
R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 3744114
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



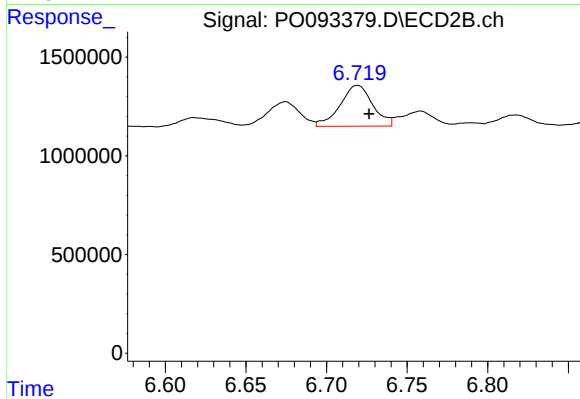
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 1959262
Conc: 16.64 ng/ml



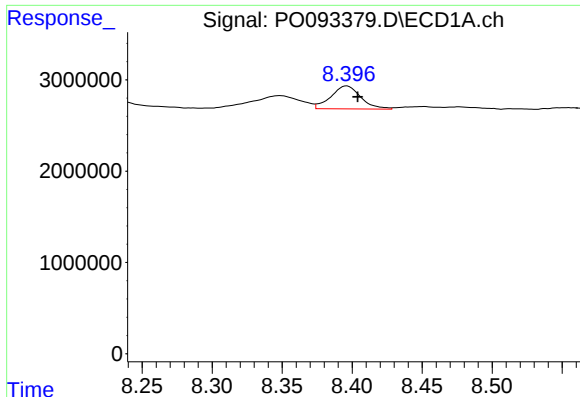
#36 AR-1262-1

R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 7696523
Conc: 77.43 ng/ml



#36 AR-1262-1

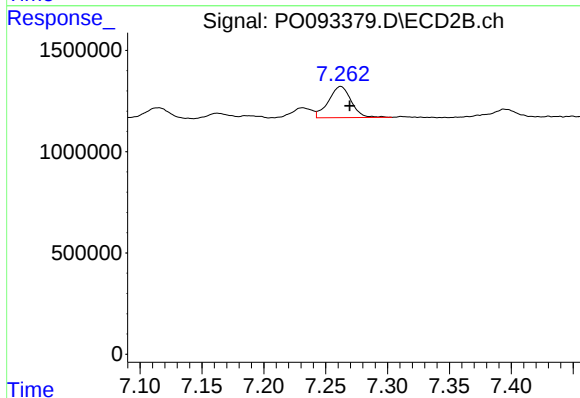
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 2913248
Conc: 77.96 ng/ml



#37 AR-1262-2

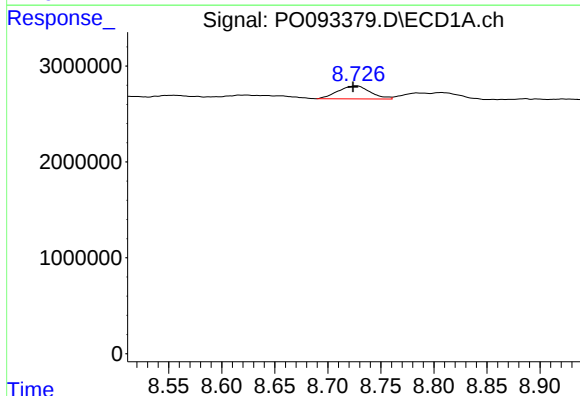
R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 3744114
Conc: 15.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



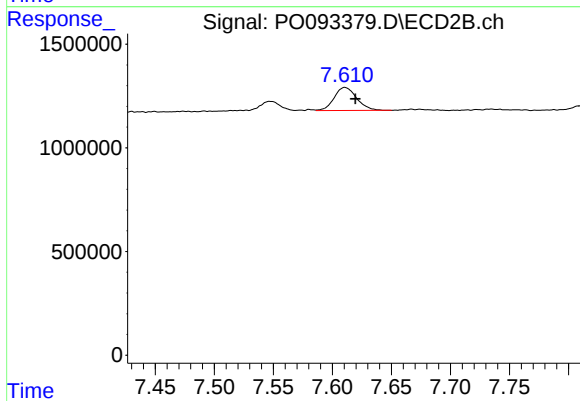
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: -0.007 min
Response: 1959262
Conc: 16.45 ng/ml



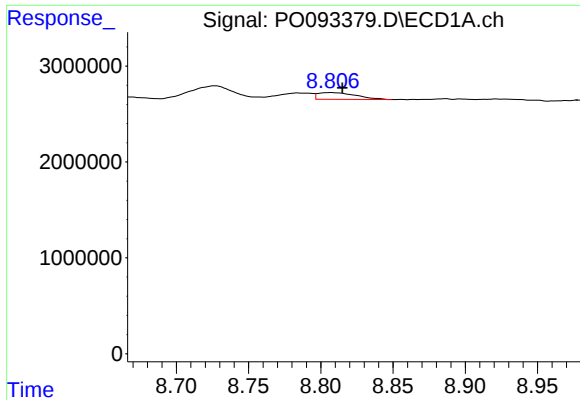
#38 AR-1262-3

R.T.: 8.727 min
Delta R.T.: 0.003 min
Response: 2868811
Conc: 16.99 ng/ml



#38 AR-1262-3

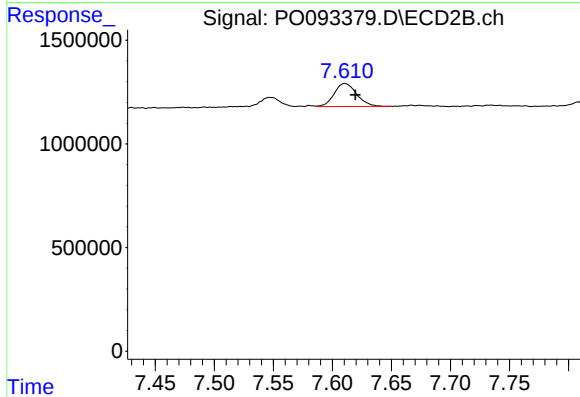
R.T.: 7.611 min
Delta R.T.: -0.009 min
Response: 1483883
Conc: 16.42 ng/ml



#39 AR-1262-4

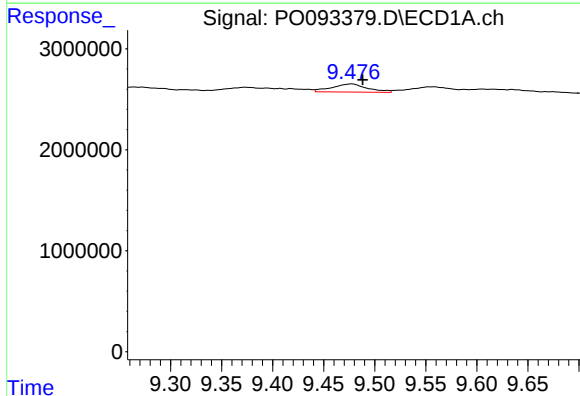
R.T.: 8.807 min
Delta R.T.: -0.008 min
Response: 1292798
Conc: 14.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



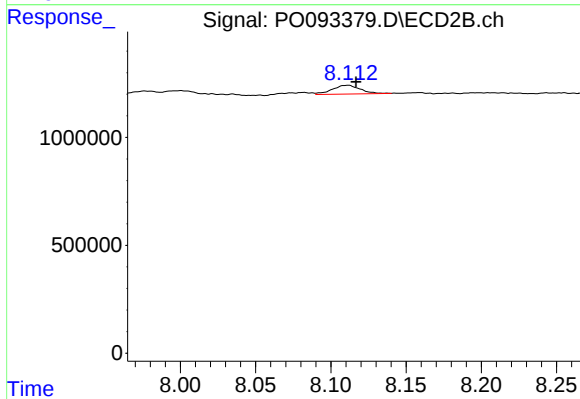
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: -0.009 min
Response: 1483883
Conc: 16.42 ng/ml



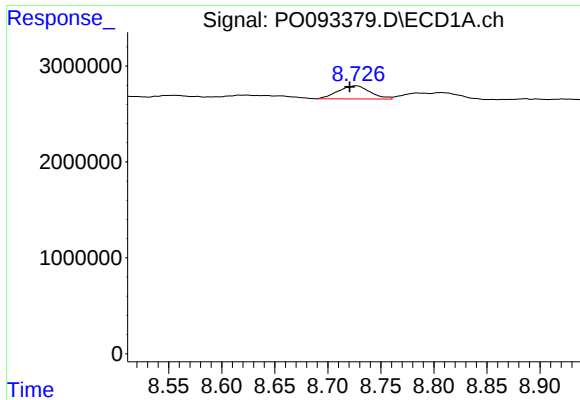
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 1956168
Conc: 20.48 ng/ml



#40 AR-1262-5

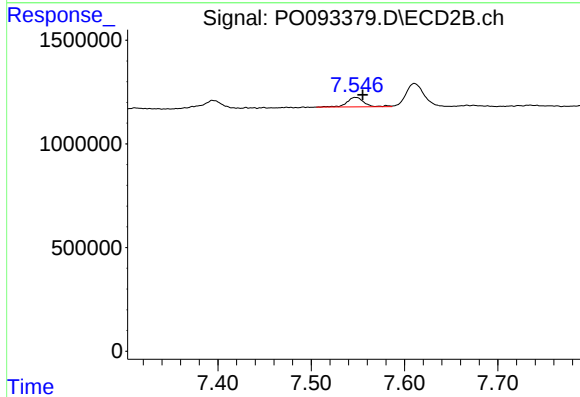
R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 523477
Conc: 12.79 ng/ml



#41 AR-1268-1

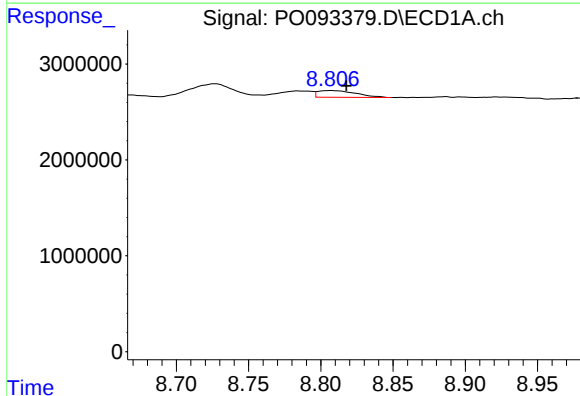
R.T.: 8.727 min
Delta R.T.: 0.006 min
Response: 2868811
Conc: 8.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



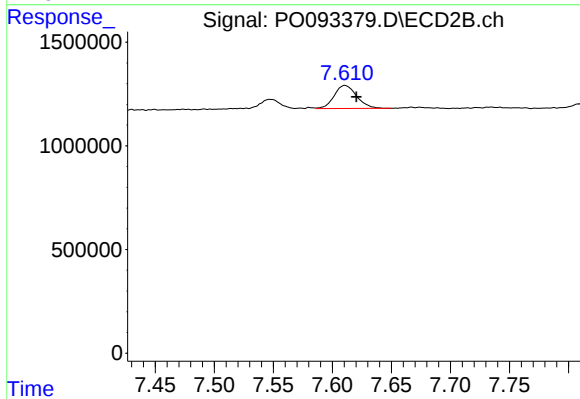
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: -0.008 min
Response: 588885
Conc: 3.76 ng/ml



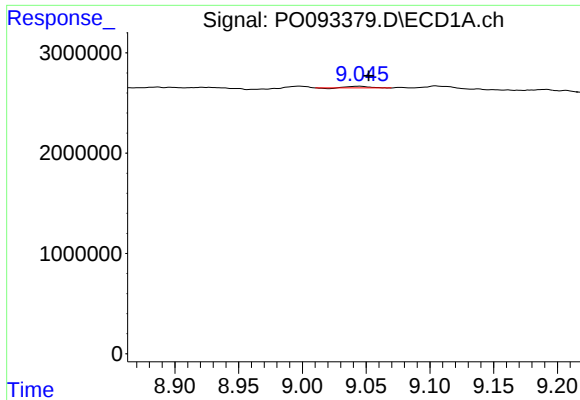
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.011 min
Response: 1292798
Conc: 4.45 ng/ml



#42 AR-1268-2

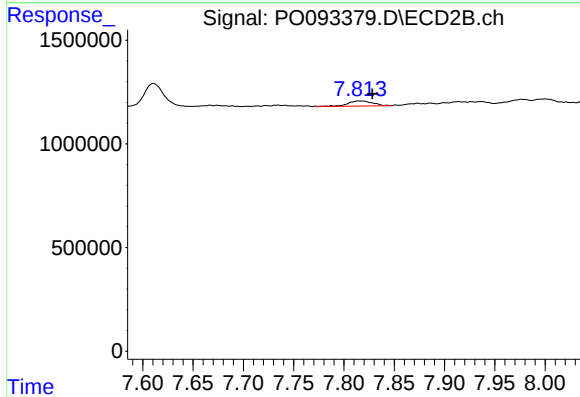
R.T.: 7.611 min
Delta R.T.: -0.010 min
Response: 1483883
Conc: 10.63 ng/ml



#43 AR-1268-3

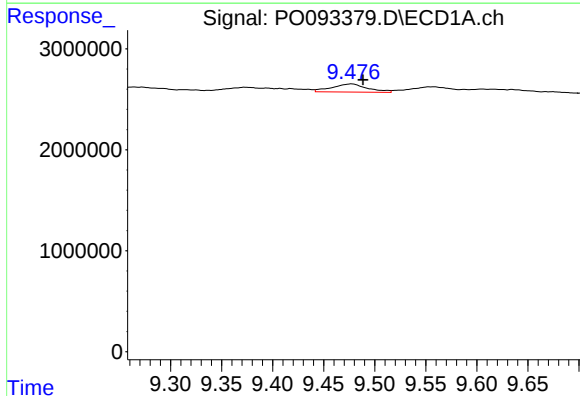
R.T.: 9.045 min
Delta R.T.: -0.007 min
Response: 148513
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



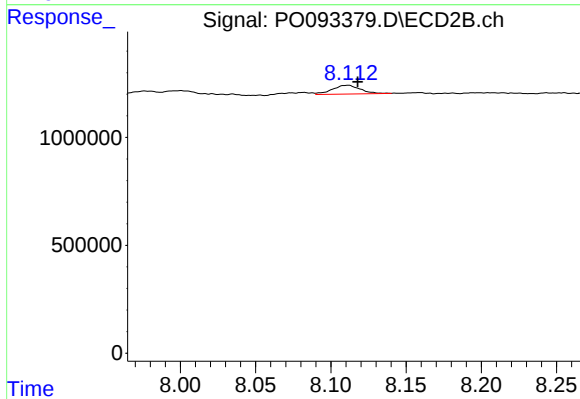
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: -0.014 min
Response: 437360
Conc: 3.51 ng/ml



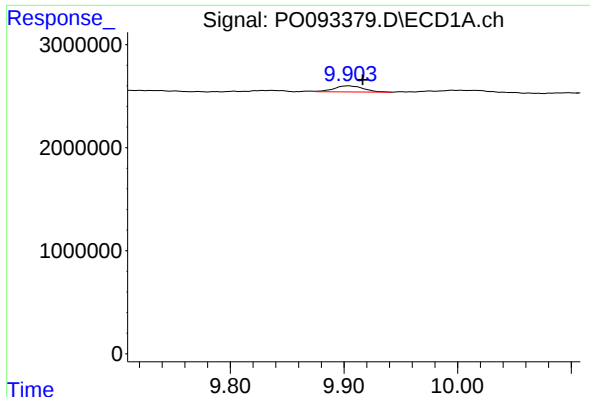
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.011 min
Response: 1956168
Conc: 18.32 ng/ml



#44 AR-1268-4

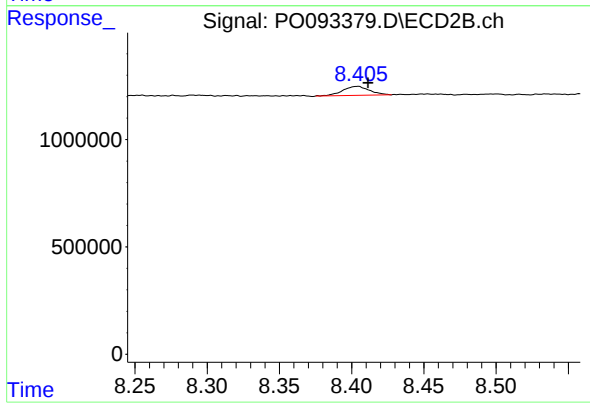
R.T.: 8.111 min
Delta R.T.: -0.007 min
Response: 523477
Conc: 10.62 ng/ml



#45 AR-1268-5

R.T.: 9.904 min
Delta R.T.: -0.013 min
Response: 1062934
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.404 min
Delta R.T.: -0.008 min
Response: 533944
Conc: 1.51 ng/ml