

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0040723\
 Data File : P0093981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 06:31
 Operator : YP/AJ
 Sample : 02213-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:22:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.418	3.623	69414506	25372008	18.569	19.924
2)	SA Decachlor...	10.236	8.640	53883459	24852891	24.088	24.858
Target Compounds							
3)	L1 AR-1016-1	5.596	0.000	805363	0	7.875	N.D. #
4)	L1 AR-1016-2	5.615	0.000	600845	0	3.855	N.D. #
5)	L1 AR-1016-3	5.670	4.951f	1186868	654624	12.033	23.096 #
6)	L1 AR-1016-4	5.779	4.951	61907	654624	0.842	24.791 #
7)	L1 AR-1016-5	6.079	0.000	316556	0	3.739	N.D. #
8)	L2 AR-1221-1	4.625	0.000	237890	0	5.158	N.D. #
9)	L2 AR-1221-2	4.726	3.921	1657391	477501	48.283	40.458
10)	L2 AR-1221-3	4.793	0.000	656847	0	6.271	N.D. #
11)	L3 AR-1232-1	4.793	0.000	656847	0	7.526	N.D. #
12)	L3 AR-1232-2	5.323	0.000	202707	0	4.740	N.D. #
13)	L3 AR-1232-3	5.615	4.951f	600845	654624	8.180	49.634 #
14)	L3 AR-1232-4	5.779	4.951f	61907	654624	1.798	46.065 #
15)	L3 AR-1232-5	5.868	0.000	212797	0	6.700	N.D. #
16)	L4 AR-1242-1	5.596	0.000	805363	0	9.227	N.D. #
17)	L4 AR-1242-2	5.615	0.000	600845	0	4.519	N.D. #
18)	L4 AR-1242-3	5.670	4.951f	1186868	654624	13.982	27.012 #
19)	L4 AR-1242-4	5.779	4.951f	61907	654624	0.991	23.318 #
20)	L4 AR-1242-5	6.526	5.507	600276	439836	8.915	15.427 #
21)	L5 AR-1248-1	5.596	0.000	805363	0	11.970	N.D. #
22)	L5 AR-1248-2	5.868	4.951	212797	654624	1.945	16.434 #
23)	L5 AR-1248-3	6.079	4.951f	316556	654624	2.622	15.684 #
24)	L5 AR-1248-4	6.485	0.000	449970	0	4.190	N.D. #
25)	L5 AR-1248-5	6.526	5.507f	600276	439836	5.174	11.781 #
26)	L6 AR-1254-1	6.454	5.507	877459	439836	6.470	6.435
27)	L6 AR-1254-2	6.675	5.655	1525873	655351	7.806	10.760 #
28)	L6 AR-1254-3	7.045	6.075	783599	2060138	4.242	22.617 #
29)	L6 AR-1254-4	7.332	6.319	561628	578399	5.538	13.579 #
30)	L6 AR-1254-5	7.753	6.706	7267876	2222806	53.596	30.807 #
31)	L7 AR-1260-1	7.211	6.189	5932917	3016477	40.646	46.257
32)	L7 AR-1260-2	7.470	6.379	7601392	3422855	47.493	47.131
33)	L7 AR-1260-3	7.832	6.533	10087710	3579487	75.974	49.322 #
34)	L7 AR-1260-4	8.060	7.004	9379433	4142032	68.094	74.587
35)	L7 AR-1260-5	8.385	7.249	15451195	7228116	70.946	69.653
36)	L8 AR-1262-1	7.832	6.799	10087710	1995169	59.054	57.024
37)	L8 AR-1262-2	8.385	7.004	15451195	4142032	66.471	58.625
38)	L8 AR-1262-3	8.704	7.533	10565976	3255951	64.503	65.076
39)	L8 AR-1262-4	8.795	7.597	9973091	5661049	99.538	68.262 #
40)	L8 AR-1262-5	9.465	8.095	8676905	2126203	107.806	65.360 #
41)	L9 AR-1268-1	8.704	7.533	10565976	3255951	31.394	21.314 #

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 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

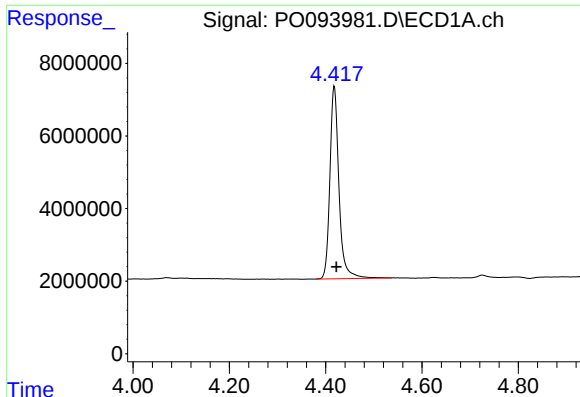
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:22:13 2023
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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
42) L9	AR-1268-2	8.795	7.597	9973091	5661049	30.988	41.668 #
43) L9	AR-1268-3	9.029	7.854f	833762	342708	2.940	2.618
44) L9	AR-1268-4	9.465	8.095	8676905	2126203	89.741	53.714 #
45) L9	AR-1268-5	9.889	8.386	1914573	1018176	2.280	2.905 #

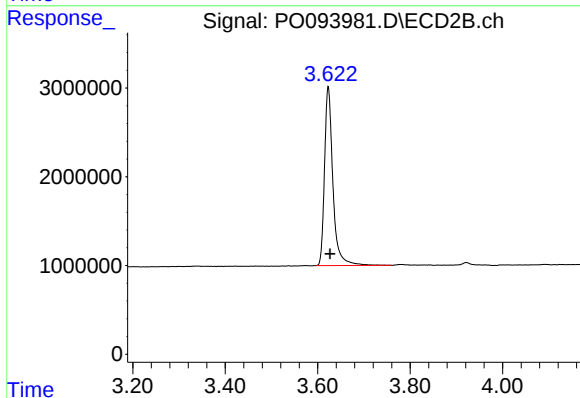
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

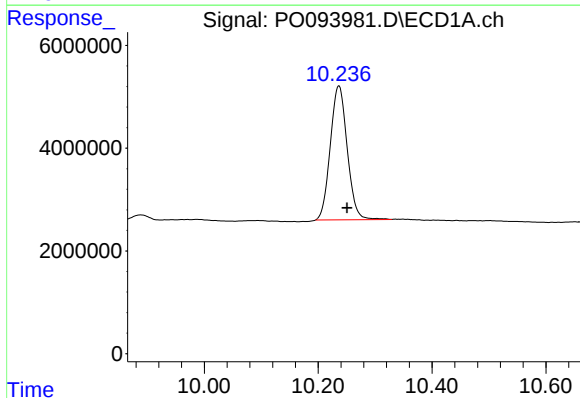
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 69414506
Conc: 18.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



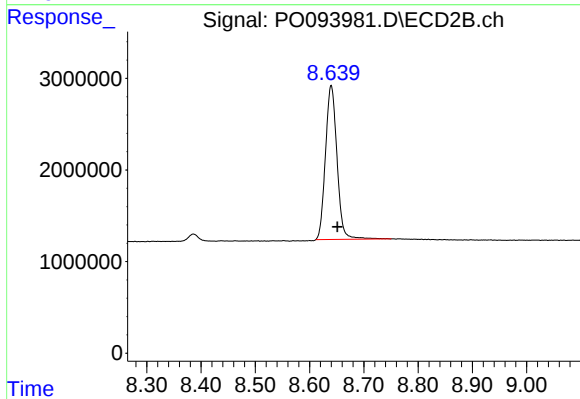
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.004 min
Response: 25372008
Conc: 19.92 ng/ml



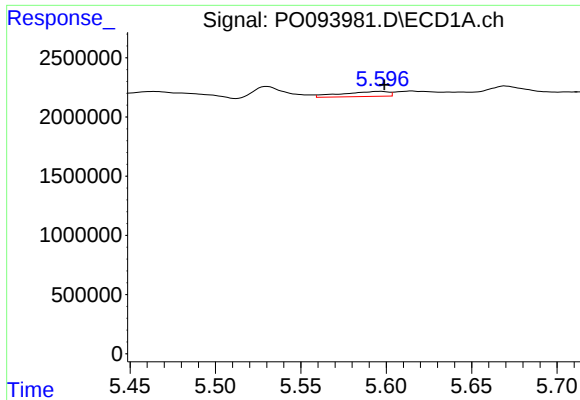
#2 Decachlorobiphenyl

R.T.: 10.236 min
Delta R.T.: -0.014 min
Response: 53883459
Conc: 24.09 ng/ml



#2 Decachlorobiphenyl

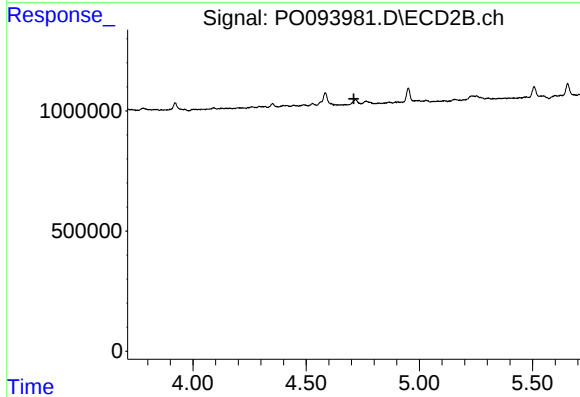
R.T.: 8.640 min
Delta R.T.: -0.012 min
Response: 24852891
Conc: 24.86 ng/ml



#3 AR-1016-1

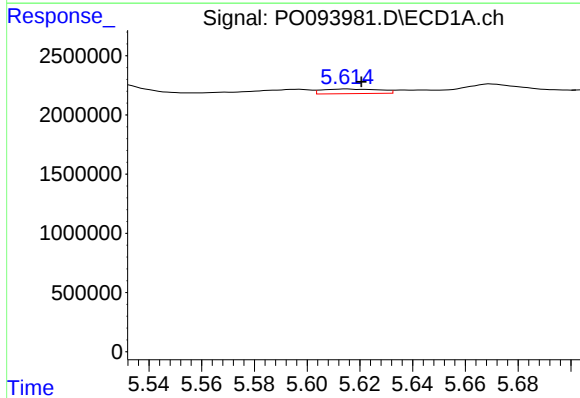
R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 805363
Conc: 7.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



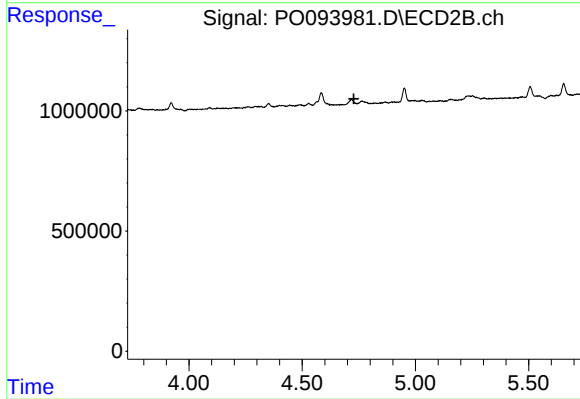
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



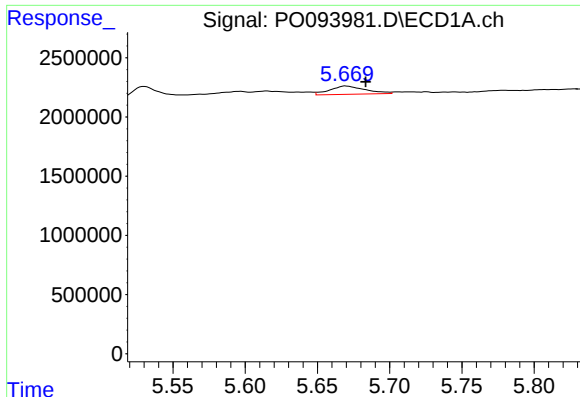
#4 AR-1016-2

R.T.: 5.615 min
Delta R.T.: -0.006 min
Response: 600845
Conc: 3.86 ng/ml



#4 AR-1016-2

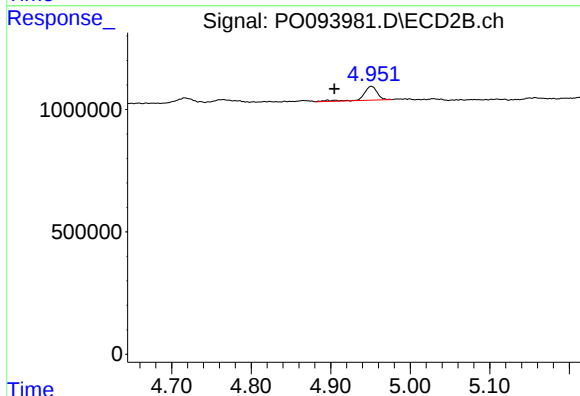
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

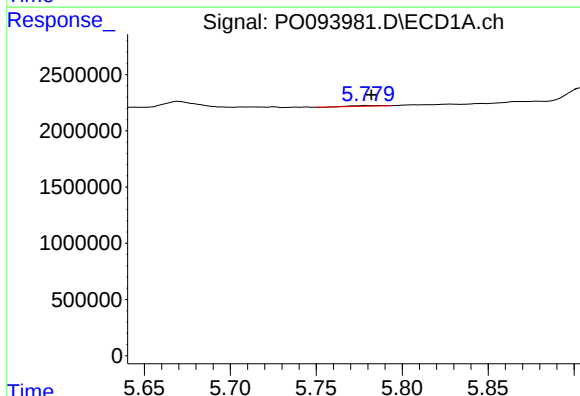
R.T.: 5.670 min
Delta R.T.: -0.014 min
Response: 1186868
Conc: 12.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



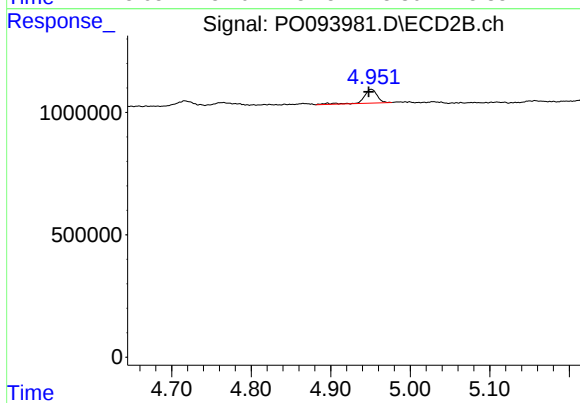
#5 AR-1016-3

R.T.: 4.951 min
Delta R.T.: 0.046 min
Response: 654624
Conc: 23.10 ng/ml



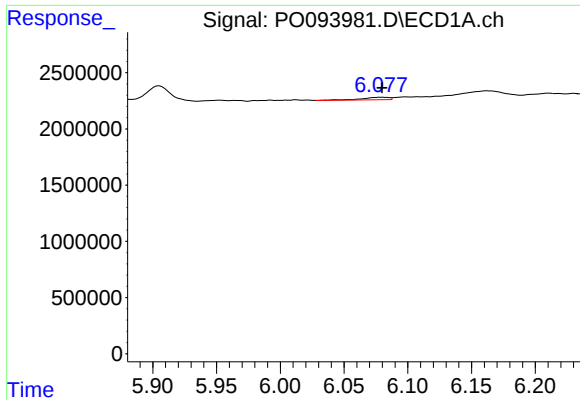
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 61907
Conc: 0.84 ng/ml



#6 AR-1016-4

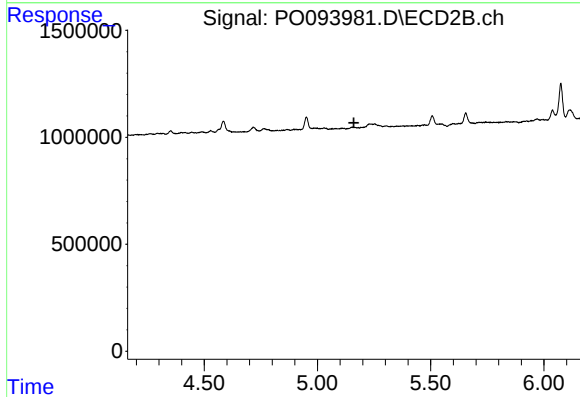
R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 654624
Conc: 24.79 ng/ml



#7 AR-1016-5

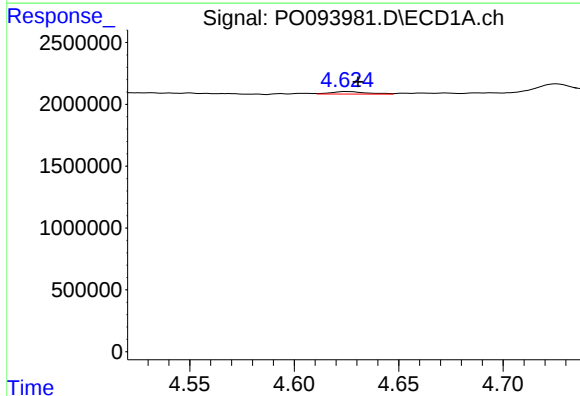
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 316556
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



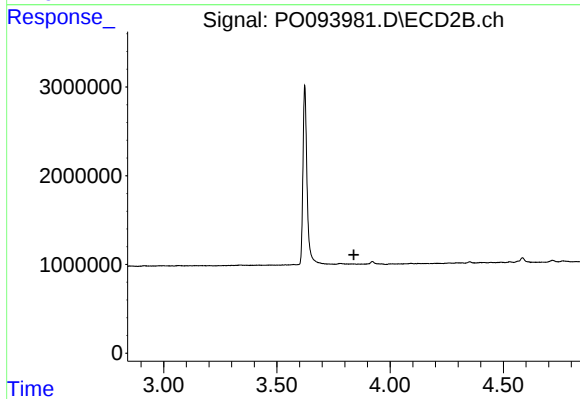
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



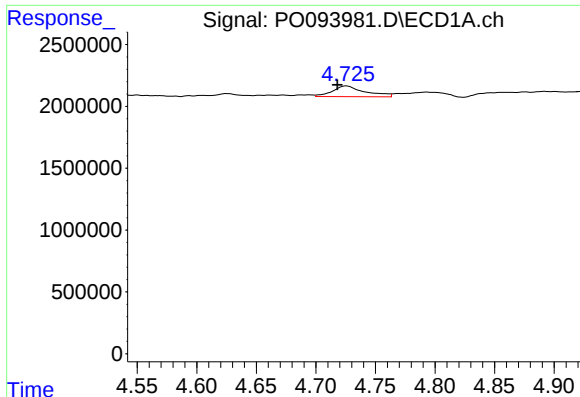
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 237890
Conc: 5.16 ng/ml



#8 AR-1221-1

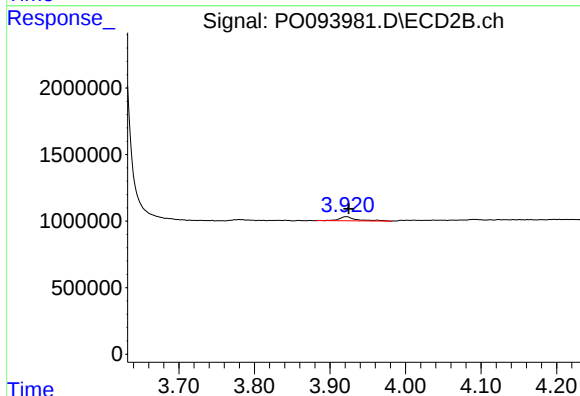
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

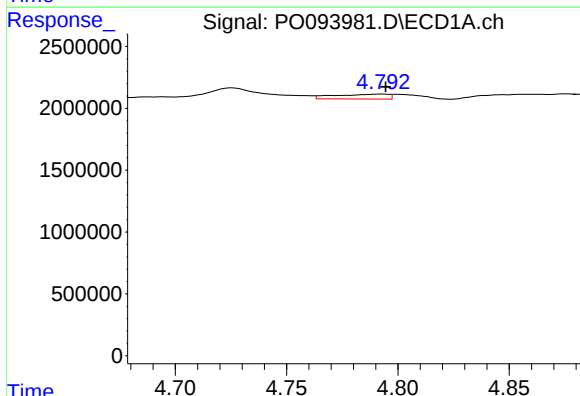
R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 1657391
Conc: 48.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



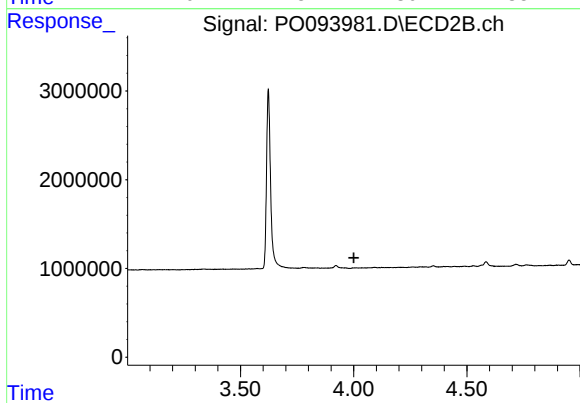
#9 AR-1221-2

R.T.: 3.921 min
Delta R.T.: -0.003 min
Response: 477501
Conc: 40.46 ng/ml



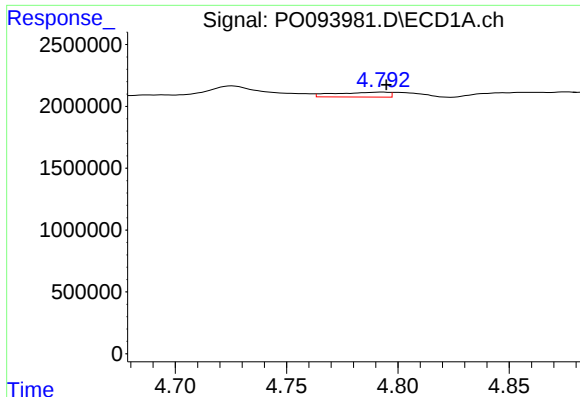
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 656847
Conc: 6.27 ng/ml



#10 AR-1221-3

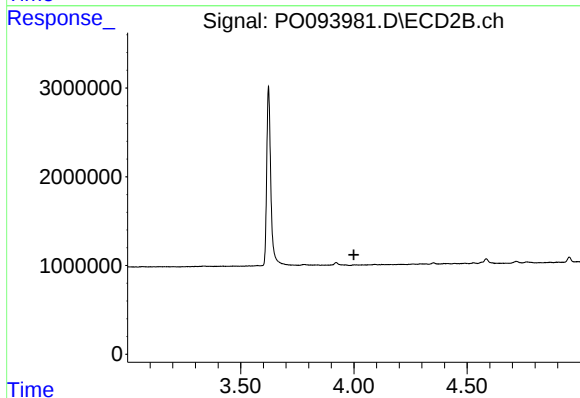
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

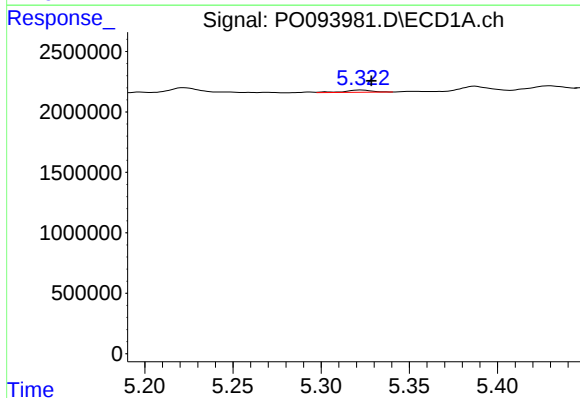
R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 656847
Conc: 7.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



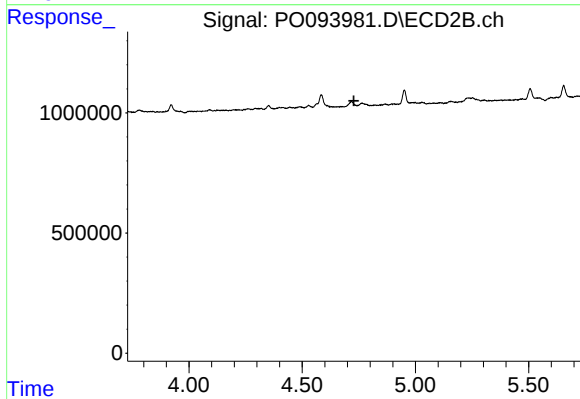
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



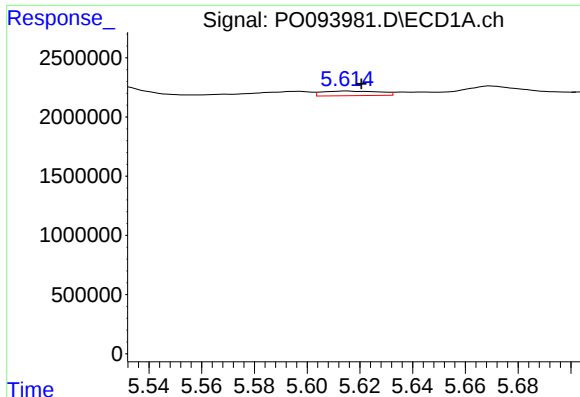
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: -0.005 min
Response: 202707
Conc: 4.74 ng/ml



#12 AR-1232-2

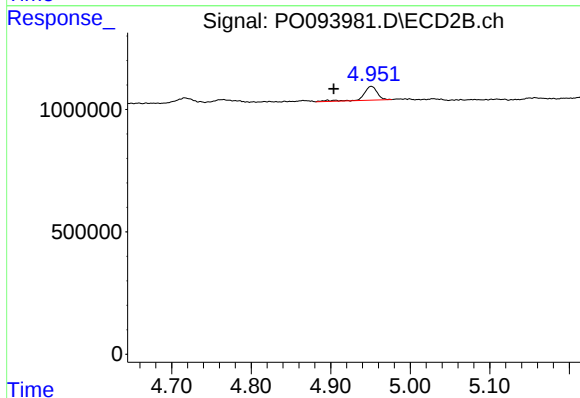
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

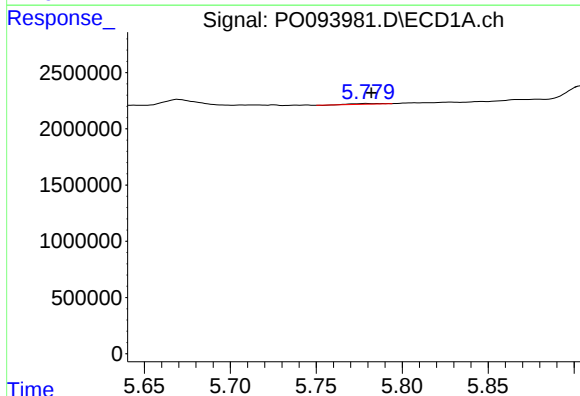
R.T.: 5.615 min
Delta R.T.: -0.006 min
Response: 600845
Conc: 8.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



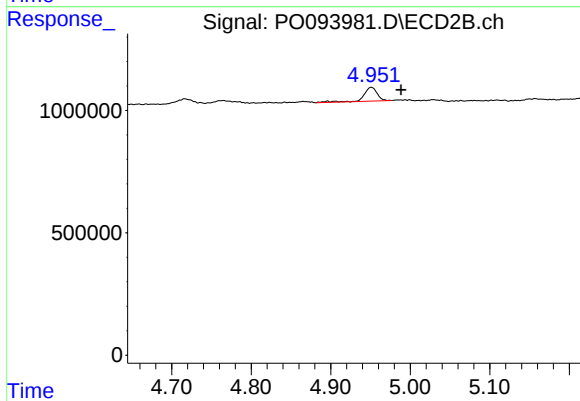
#13 AR-1232-3

R.T.: 4.951 min
Delta R.T.: 0.047 min
Response: 654624
Conc: 49.63 ng/ml



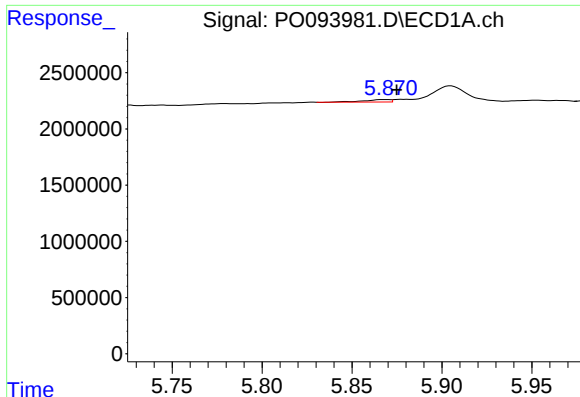
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 61907
Conc: 1.80 ng/ml



#14 AR-1232-4

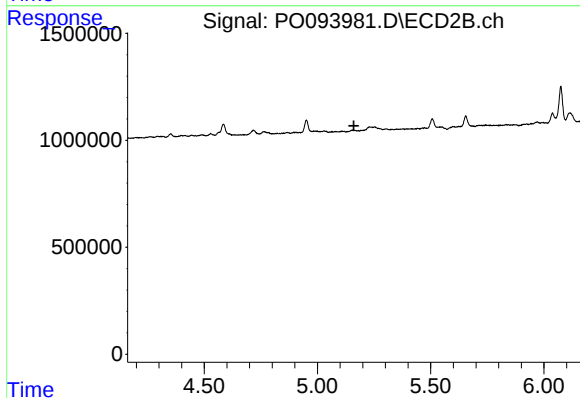
R.T.: 4.951 min
Delta R.T.: -0.037 min
Response: 654624
Conc: 46.06 ng/ml



#15 AR-1232-5

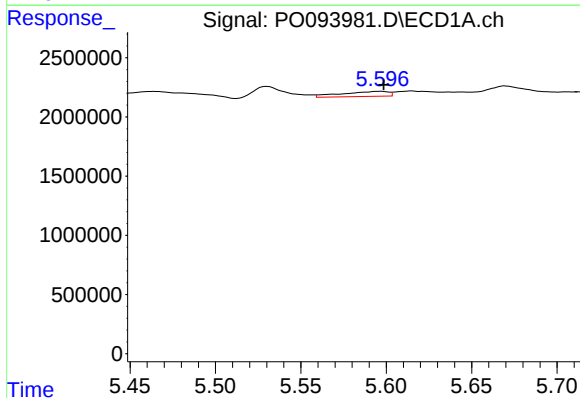
R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 212797
Conc: 6.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



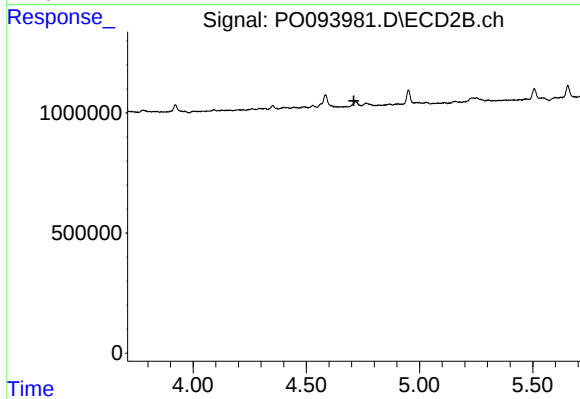
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



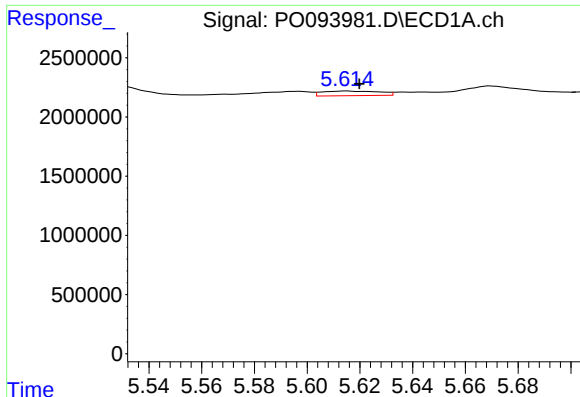
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: -0.002 min
Response: 805363
Conc: 9.23 ng/ml



#16 AR-1242-1

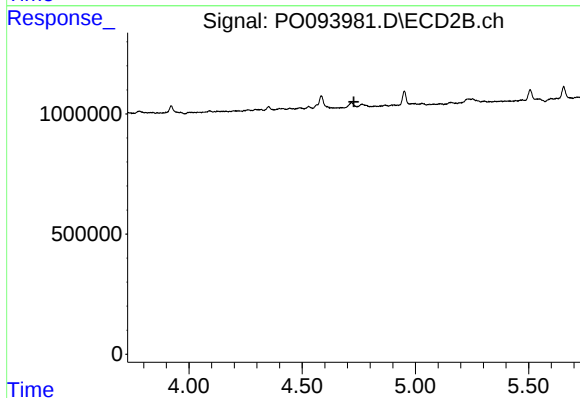
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

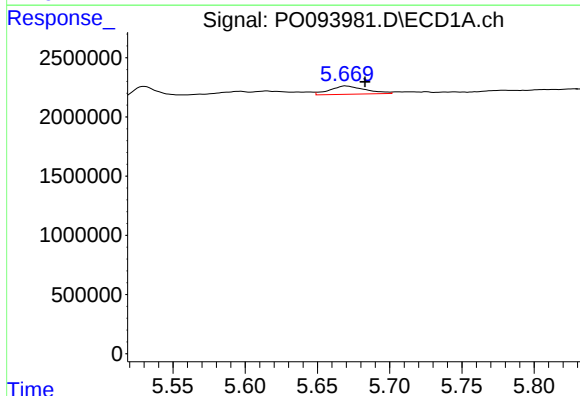
R.T.: 5.615 min
Delta R.T.: -0.005 min
Response: 600845
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



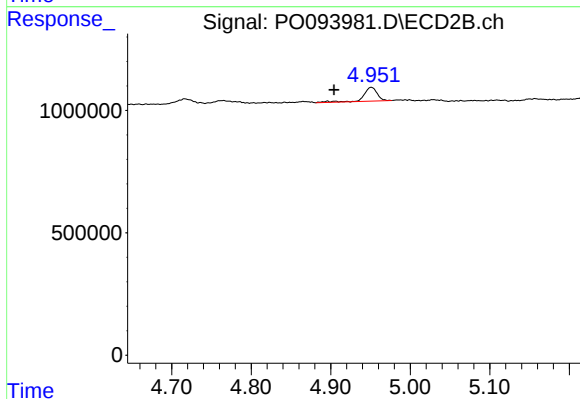
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



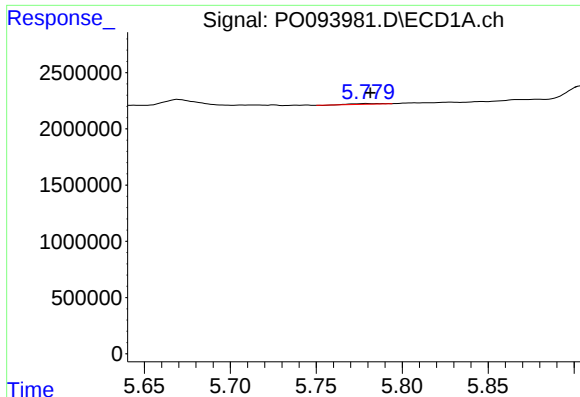
#18 AR-1242-3

R.T.: 5.670 min
Delta R.T.: -0.013 min
Response: 1186868
Conc: 13.98 ng/ml



#18 AR-1242-3

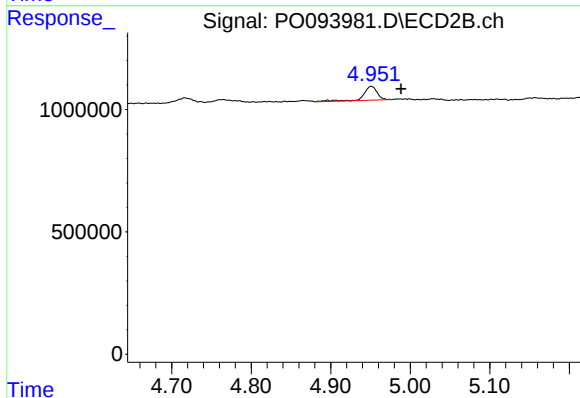
R.T.: 4.951 min
Delta R.T.: 0.047 min
Response: 654624
Conc: 27.01 ng/ml



#19 AR-1242-4

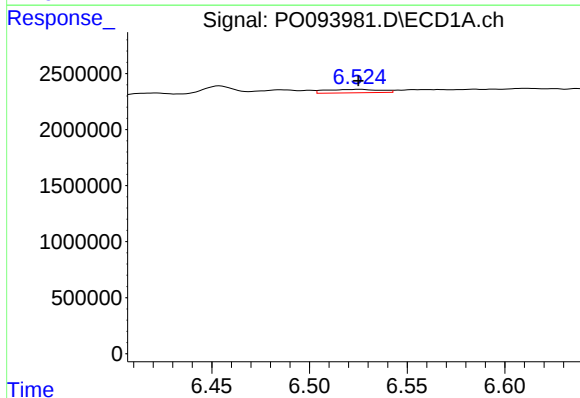
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 61907
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



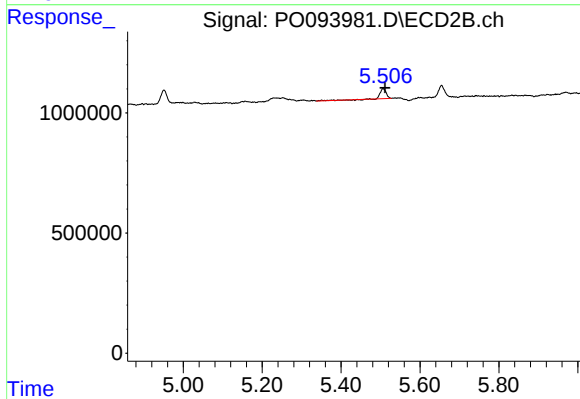
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: -0.037 min
Response: 654624
Conc: 23.32 ng/ml



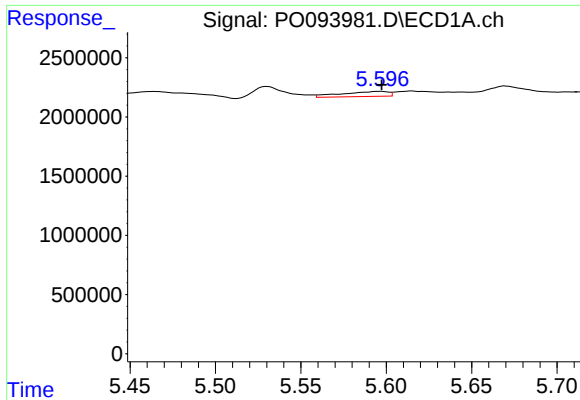
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 600276
Conc: 8.92 ng/ml



#20 AR-1242-5

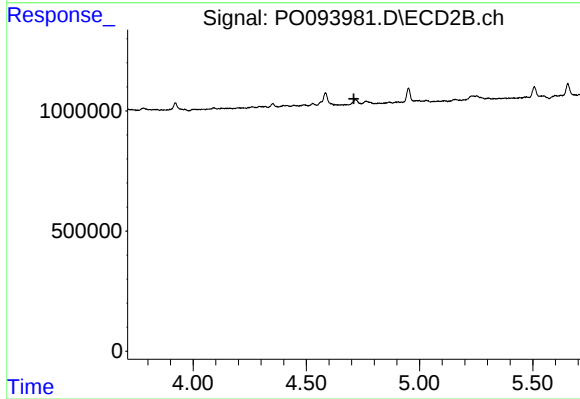
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 439836
Conc: 15.43 ng/ml



#21 AR-1248-1

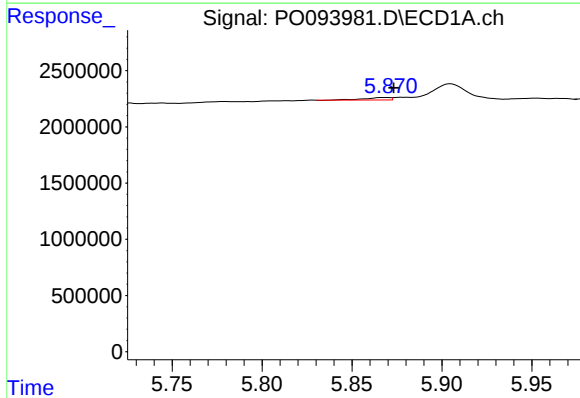
R.T.: 5.596 min
Delta R.T.: -0.001 min
Response: 805363
Conc: 11.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



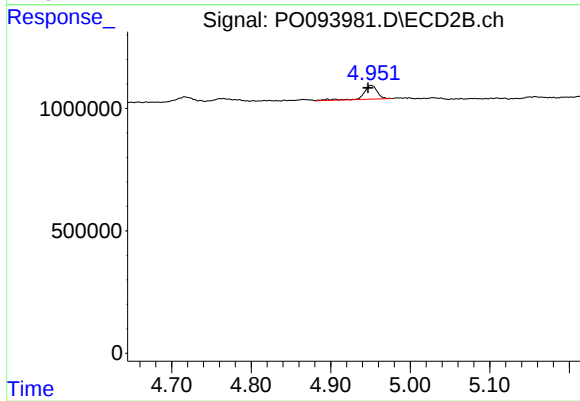
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



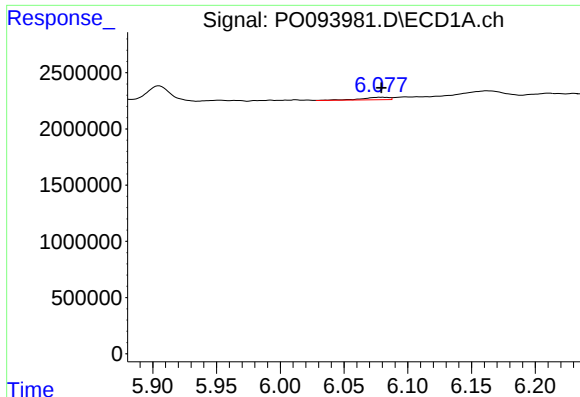
#22 AR-1248-2

R.T.: 5.868 min
Delta R.T.: -0.005 min
Response: 212797
Conc: 1.95 ng/ml



#22 AR-1248-2

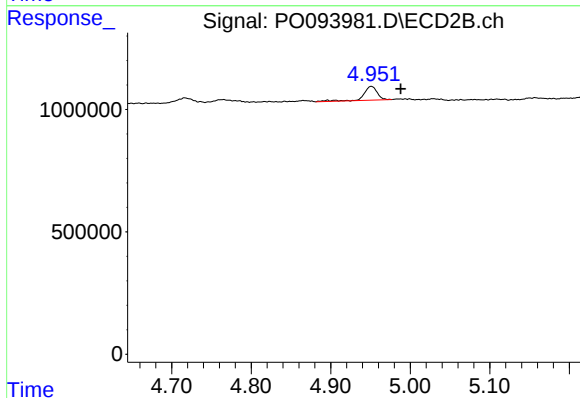
R.T.: 4.951 min
Delta R.T.: 0.004 min
Response: 654624
Conc: 16.43 ng/ml



#23 AR-1248-3

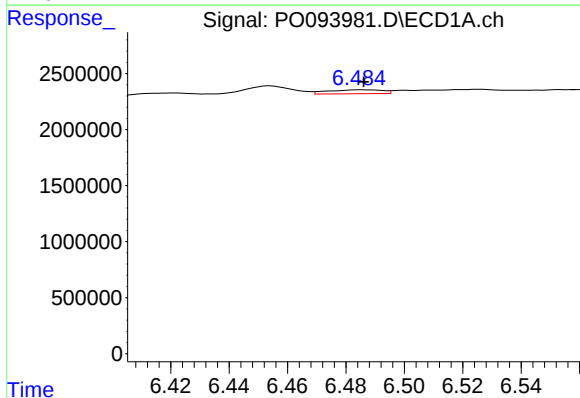
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 316556
Conc: 2.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



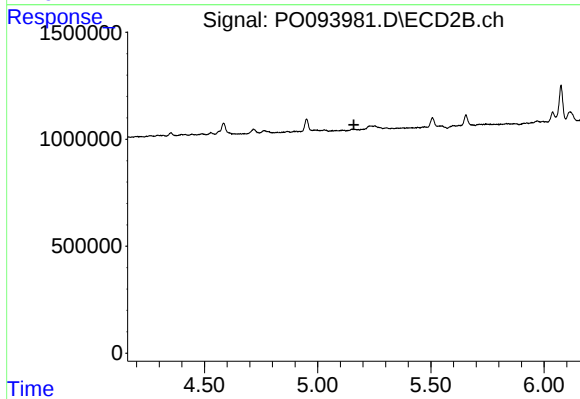
#23 AR-1248-3

R.T.: 4.951 min
Delta R.T.: -0.037 min
Response: 654624
Conc: 15.68 ng/ml



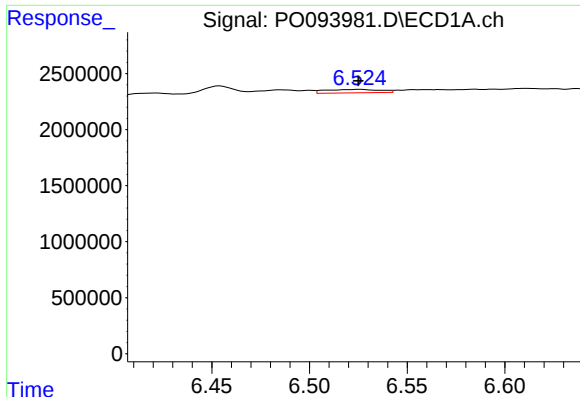
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 449970
Conc: 4.19 ng/ml



#24 AR-1248-4

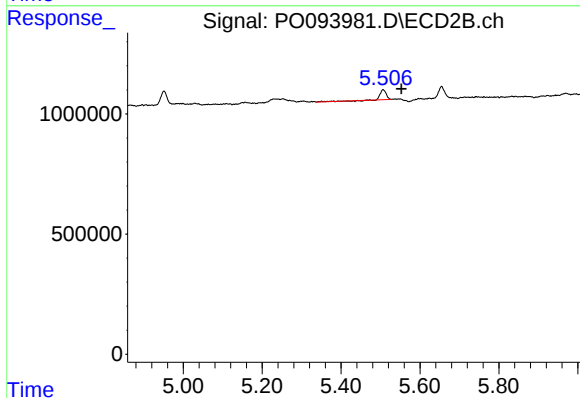
R.T.: 0.000 min
Exp R.T.: 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

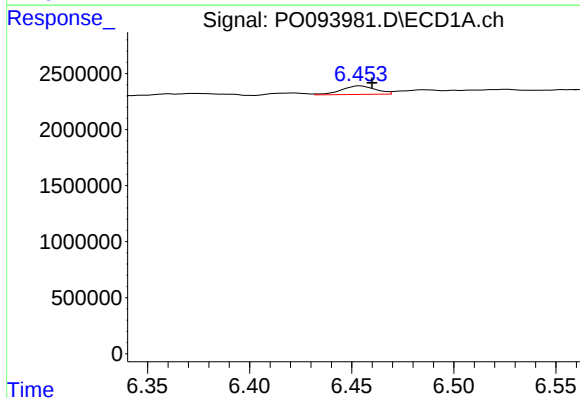
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 600276
Conc: 5.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



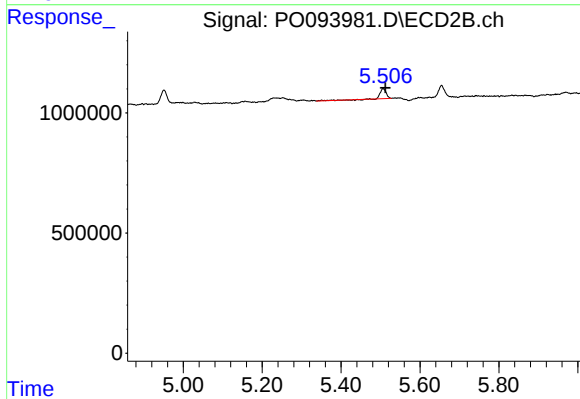
#25 AR-1248-5

R.T.: 5.507 min
Delta R.T.: -0.046 min
Response: 439836
Conc: 11.78 ng/ml



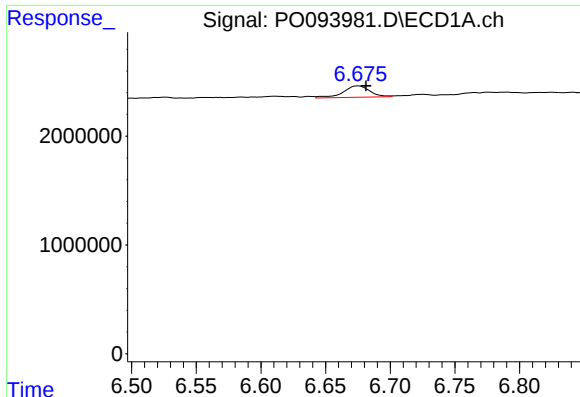
#26 AR-1254-1

R.T.: 6.454 min
Delta R.T.: -0.006 min
Response: 877459
Conc: 6.47 ng/ml



#26 AR-1254-1

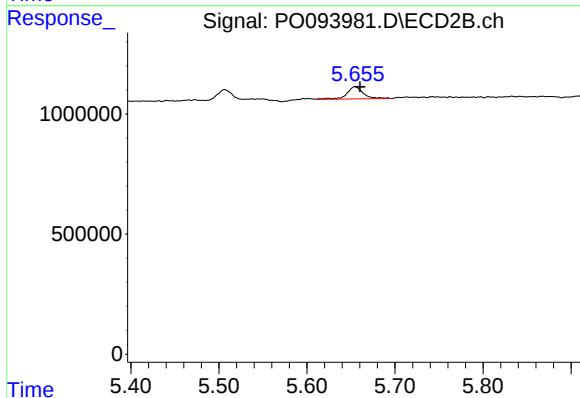
R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 439836
Conc: 6.43 ng/ml



#27 AR-1254-2

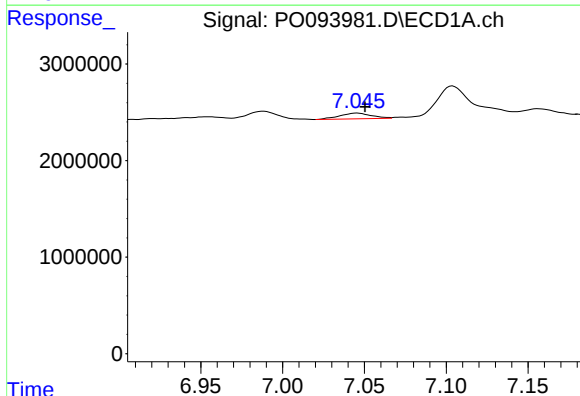
R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 1525873
Conc: 7.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



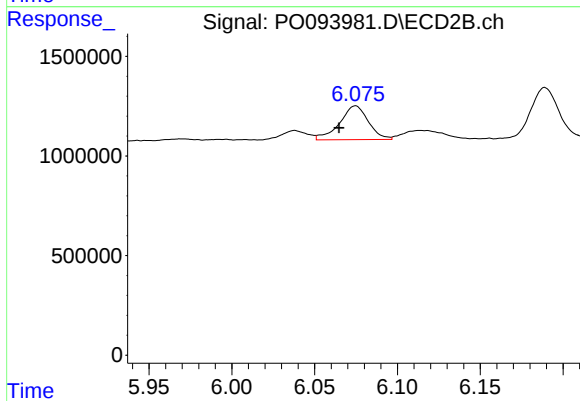
#27 AR-1254-2

R.T.: 5.655 min
Delta R.T.: -0.006 min
Response: 655351
Conc: 10.76 ng/ml



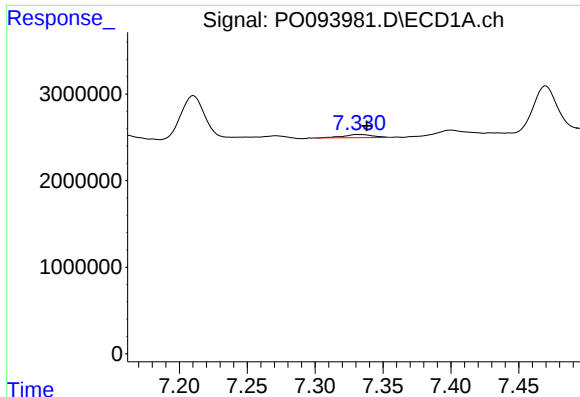
#28 AR-1254-3

R.T.: 7.045 min
Delta R.T.: -0.005 min
Response: 783599
Conc: 4.24 ng/ml



#28 AR-1254-3

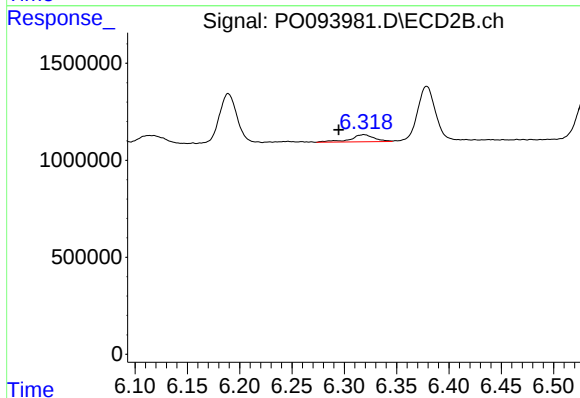
R.T.: 6.075 min
Delta R.T.: 0.010 min
Response: 2060138
Conc: 22.62 ng/ml



#29 AR-1254-4

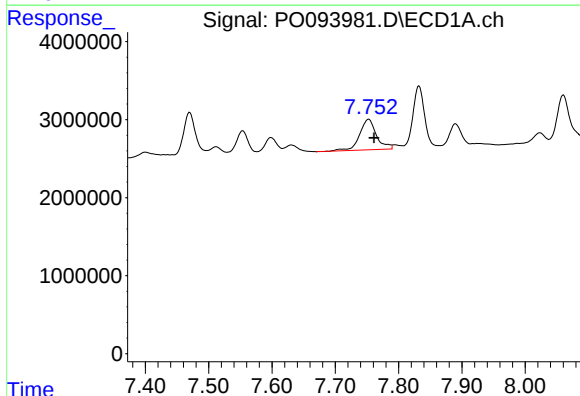
R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 561628
Conc: 5.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



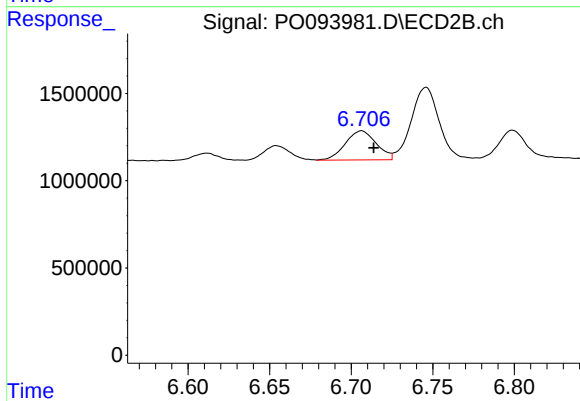
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: 0.024 min
Response: 578399
Conc: 13.58 ng/ml



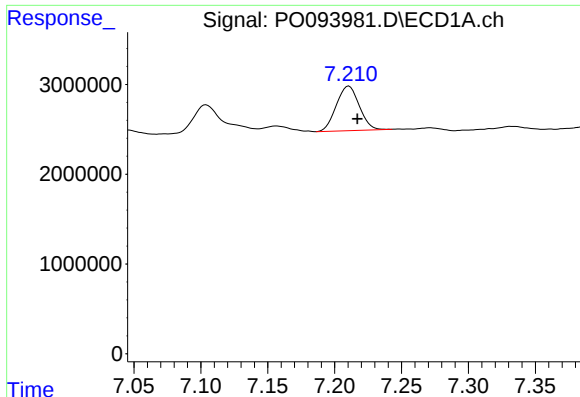
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: -0.008 min
Response: 7267876
Conc: 53.60 ng/ml



#30 AR-1254-5

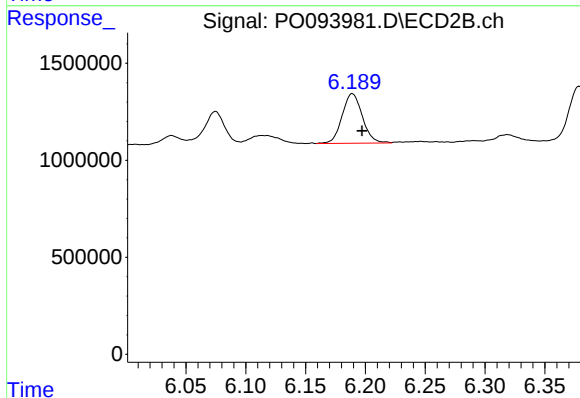
R.T.: 6.706 min
Delta R.T.: -0.008 min
Response: 2222806
Conc: 30.81 ng/ml



#31 AR-1260-1

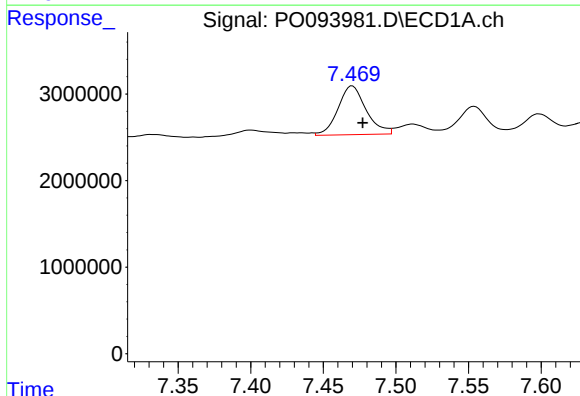
R.T.: 7.211 min
Delta R.T.: -0.006 min
Response: 5932917
Conc: 40.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



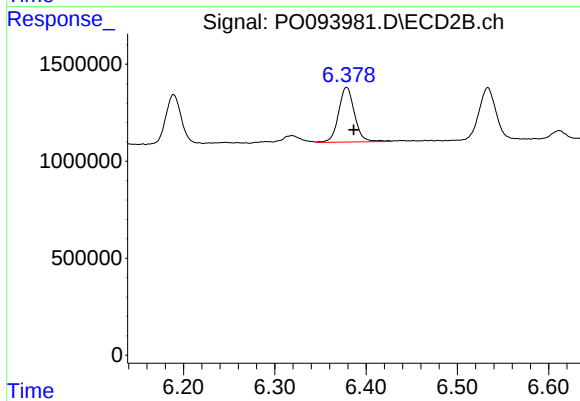
#31 AR-1260-1

R.T.: 6.189 min
Delta R.T.: -0.008 min
Response: 3016477
Conc: 46.26 ng/ml



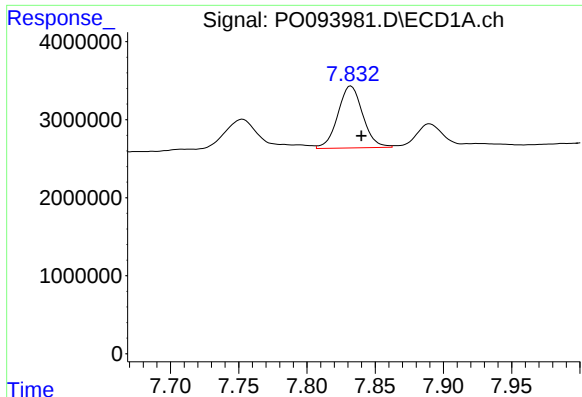
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.007 min
Response: 7601392
Conc: 47.49 ng/ml



#32 AR-1260-2

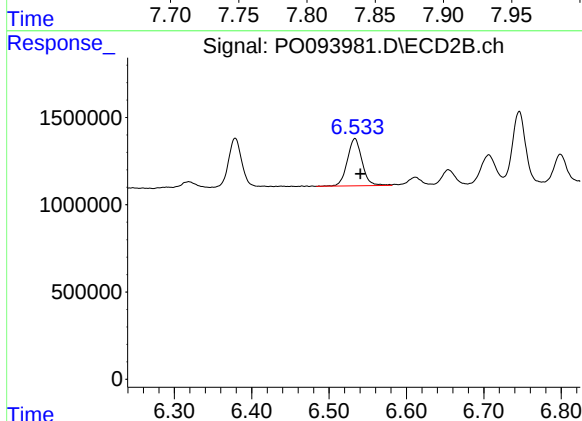
R.T.: 6.379 min
Delta R.T.: -0.008 min
Response: 3422855
Conc: 47.13 ng/ml



#33 AR-1260-3

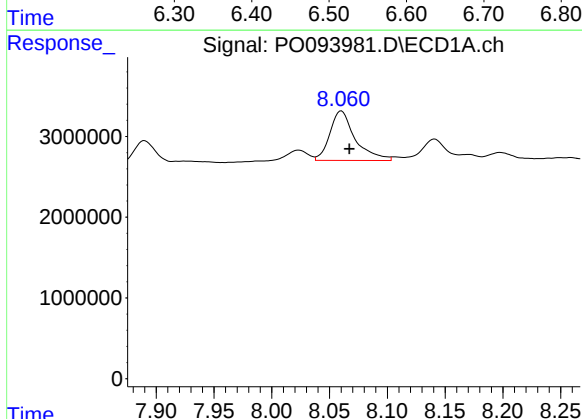
R.T.: 7.832 min
Delta R.T.: -0.008 min
Response: 10087710
Conc: 75.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



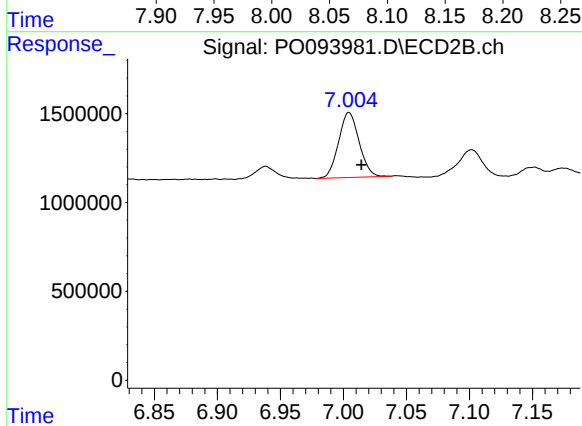
#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.007 min
Response: 3579487
Conc: 49.32 ng/ml



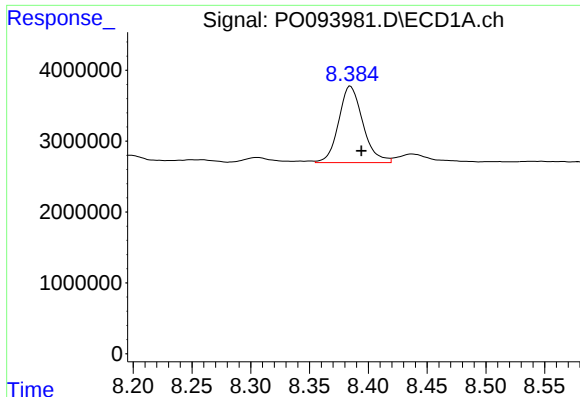
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 9379433
Conc: 68.09 ng/ml



#34 AR-1260-4

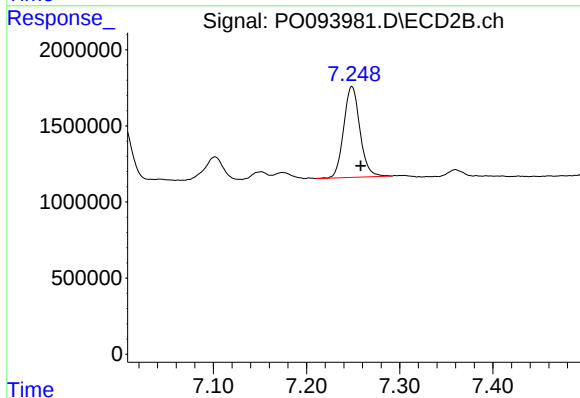
R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 4142032
Conc: 74.59 ng/ml



#35 AR-1260-5

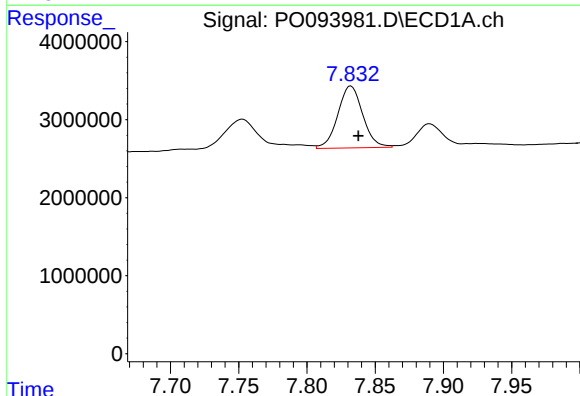
R.T.: 8.385 min
Delta R.T.: -0.009 min
Response: 15451195
Conc: 70.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



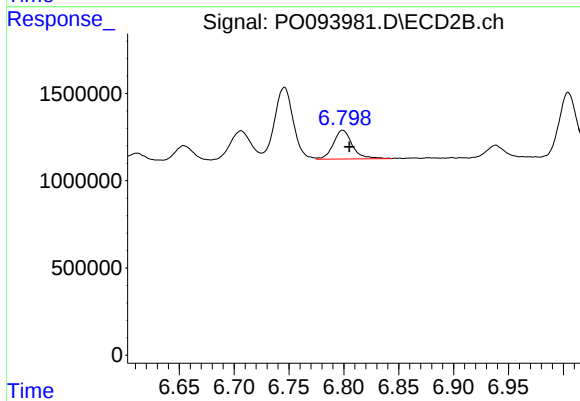
#35 AR-1260-5

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 7228116
Conc: 69.65 ng/ml



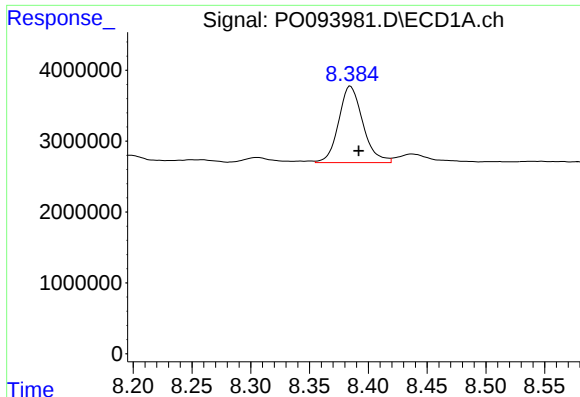
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.006 min
Response: 10087710
Conc: 59.05 ng/ml



#36 AR-1262-1

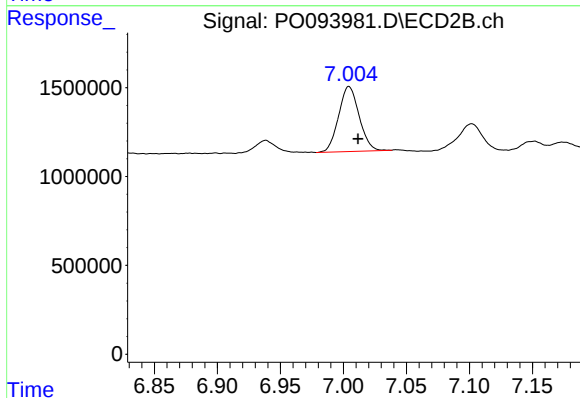
R.T.: 6.799 min
Delta R.T.: -0.006 min
Response: 1995169
Conc: 57.02 ng/ml



#37 AR-1262-2

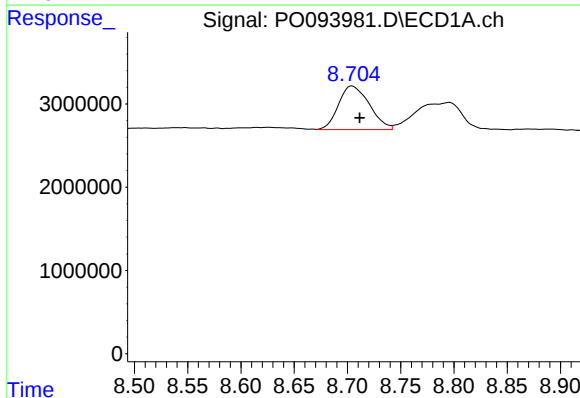
R.T.: 8.385 min
Delta R.T.: -0.007 min
Response: 15451195
Conc: 66.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



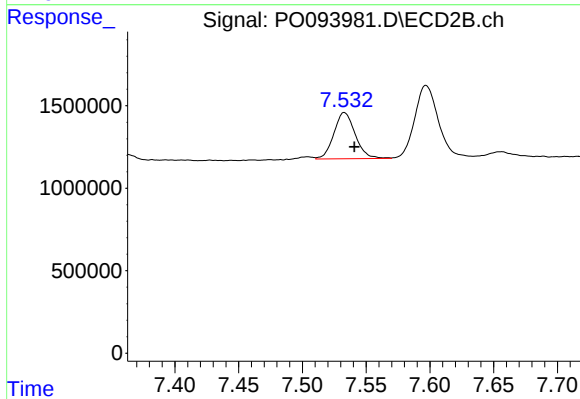
#37 AR-1262-2

R.T.: 7.004 min
Delta R.T.: -0.007 min
Response: 4142032
Conc: 58.62 ng/ml



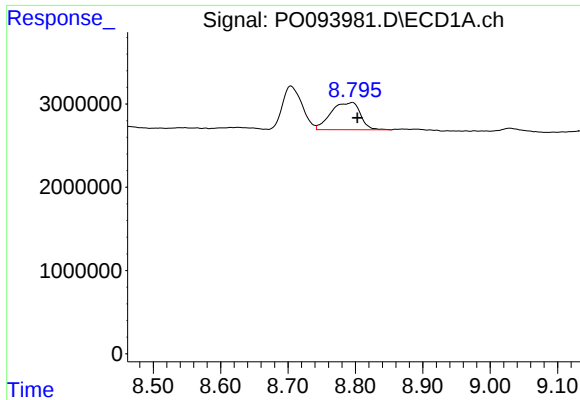
#38 AR-1262-3

R.T.: 8.704 min
Delta R.T.: -0.007 min
Response: 10565976
Conc: 64.50 ng/ml



#38 AR-1262-3

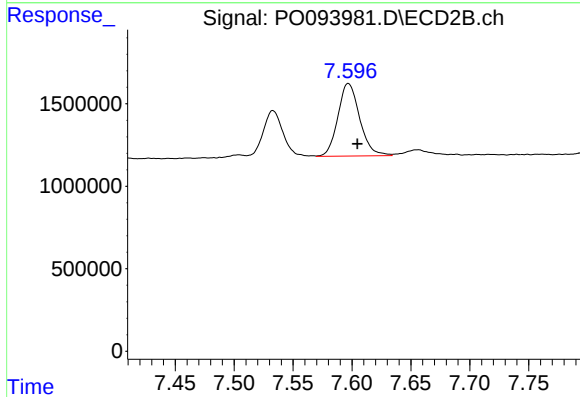
R.T.: 7.533 min
Delta R.T.: -0.008 min
Response: 3255951
Conc: 65.08 ng/ml



#39 AR-1262-4

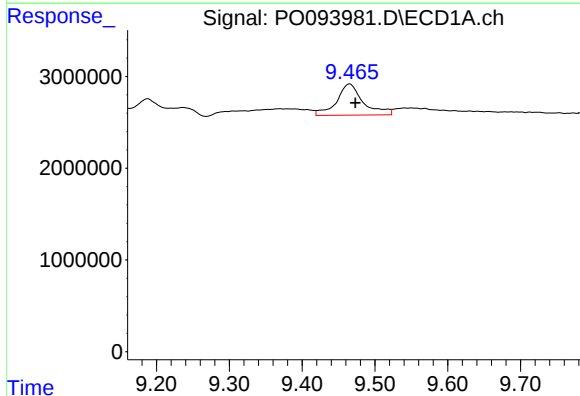
R.T.: 8.795 min
Delta R.T.: -0.008 min
Response: 9973091
Conc: 99.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



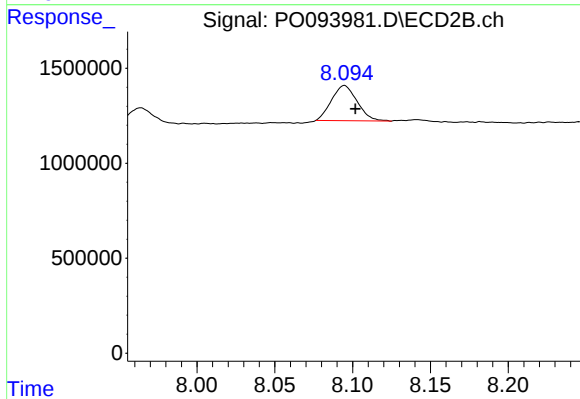
#39 AR-1262-4

R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 5661049
Conc: 68.26 ng/ml



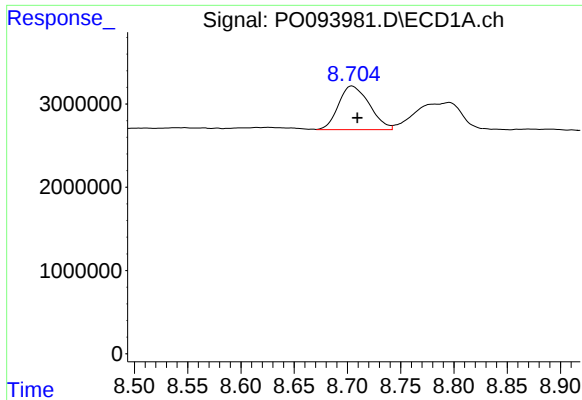
#40 AR-1262-5

R.T.: 9.465 min
Delta R.T.: -0.008 min
Response: 8676905
Conc: 107.81 ng/ml



#40 AR-1262-5

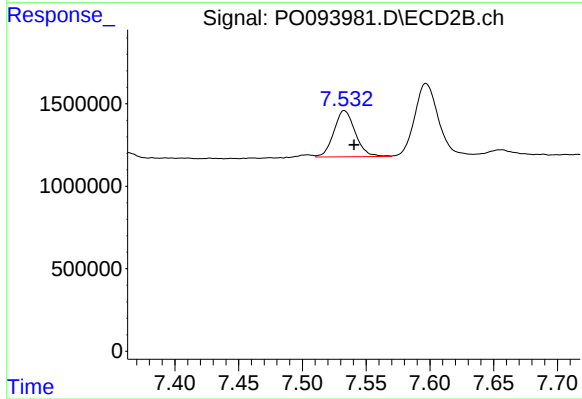
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 2126203
Conc: 65.36 ng/ml



#41 AR-1268-1

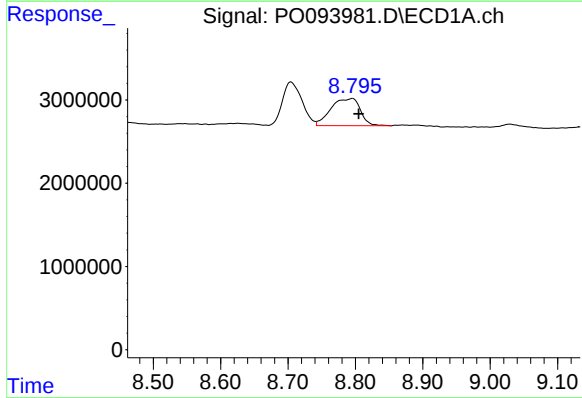
R.T.: 8.704 min
Delta R.T.: -0.005 min
Response: 10565976
Conc: 31.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



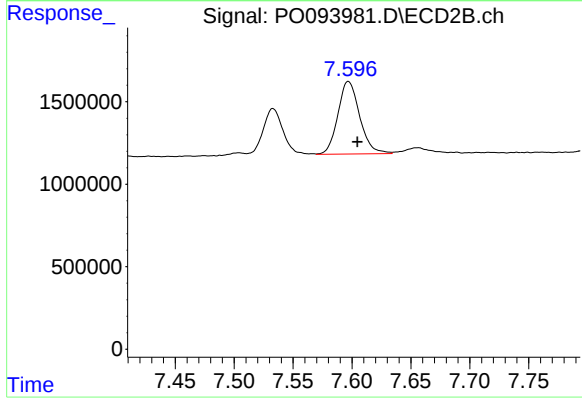
#41 AR-1268-1

R.T.: 7.533 min
Delta R.T.: -0.007 min
Response: 3255951
Conc: 21.31 ng/ml



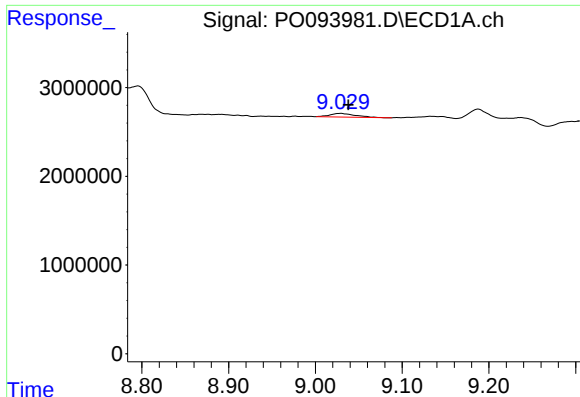
#42 AR-1268-2

R.T.: 8.795 min
Delta R.T.: -0.010 min
Response: 9973091
Conc: 30.99 ng/ml



#42 AR-1268-2

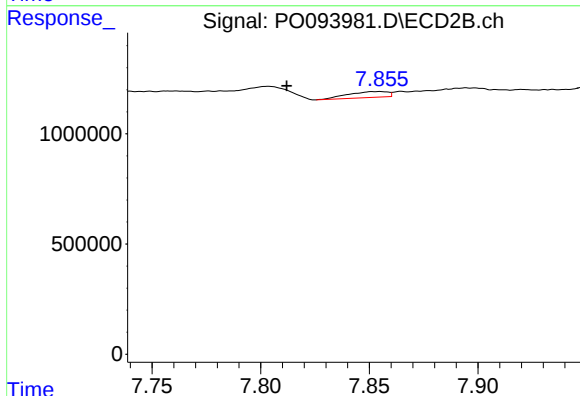
R.T.: 7.597 min
Delta R.T.: -0.008 min
Response: 5661049
Conc: 41.67 ng/ml



#43 AR-1268-3

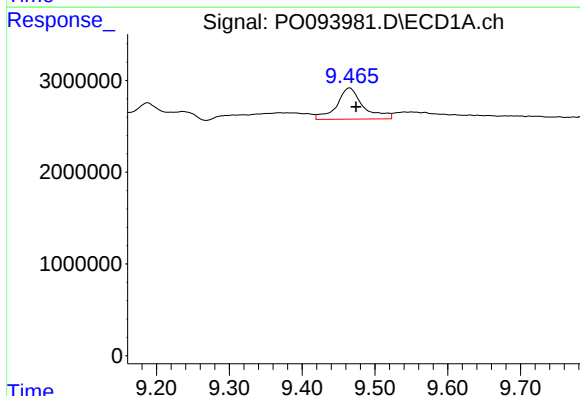
R.T.: 9.029 min
Delta R.T.: -0.009 min
Response: 833762
Conc: 2.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



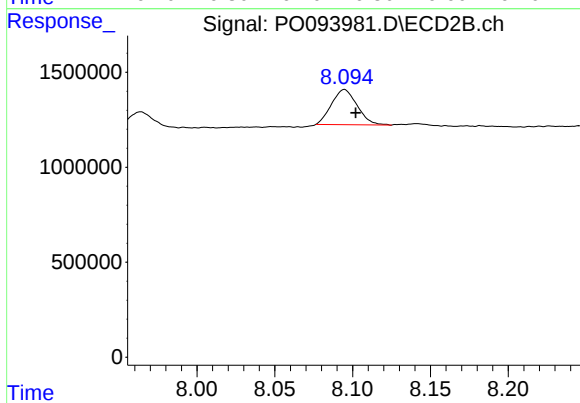
#43 AR-1268-3

R.T.: 7.854 min
Delta R.T.: 0.042 min
Response: 342708
Conc: 2.62 ng/ml



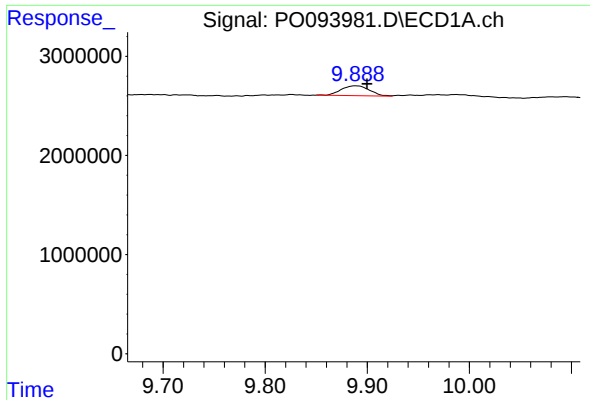
#44 AR-1268-4

R.T.: 9.465 min
Delta R.T.: -0.009 min
Response: 8676905
Conc: 89.74 ng/ml



#44 AR-1268-4

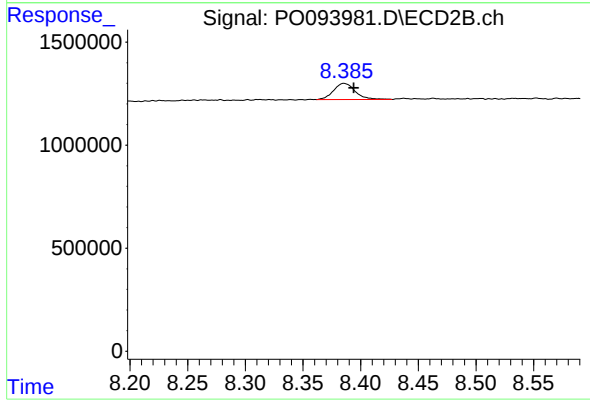
R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 2126203
Conc: 53.71 ng/ml



#45 AR-1268-5

R.T.: 9.889 min
Delta R.T.: -0.011 min
Response: 1914573
Conc: 2.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.386 min
Delta R.T.: -0.008 min
Response: 1018176
Conc: 2.91 ng/ml