

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041823\
 Data File : P0094339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2023 15:40
 Operator : YP/AJ
 Sample : 02371-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 22:24:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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	3.620	59461267	23550948	15.906	18.494
2)	SA Decachlor...	10.261	8.641	37992809	17216254	16.984	17.220
Target Compounds							
3)	L1 AR-1016-1	5.620	0.000	11541622	0	112.861	N.D. #
4)	L1 AR-1016-2	5.620	0.000	11541622	0	74.052	N.D. #
5)	L1 AR-1016-3	5.673	0.000	1979128	0	20.066	N.D. #
7)	L1 AR-1016-5	6.090	5.113f	1453365	499047	17.167	15.251
8)	L2 AR-1221-1	4.625	3.903f	6481577	1879423	140.538	120.024
9)	L2 AR-1221-2	4.726	3.903	835631	1879423	24.344	159.240 #
10)	L2 AR-1221-3	4.781	4.051f	2394	827740	0.023	22.470 #
11)	L3 AR-1232-1	4.781	4.051f	2394	827740	0.027	26.496 #
12)	L3 AR-1232-2	5.338	0.000	1296252	0	30.311	N.D. #
13)	L3 AR-1232-3	5.620	0.000	11541622	0	157.123	N.D. #
15)	L3 AR-1232-5	5.875	5.113f	635143	499047	19.997	32.304 #
16)	L4 AR-1242-1	5.620	0.000	11541622	0	132.230	N.D. #
17)	L4 AR-1242-2	5.620	0.000	11541622	0	86.802	N.D. #
18)	L4 AR-1242-3	5.673	0.000	1979128	0	23.315	N.D. #
20)	L4 AR-1242-5	6.532	5.507	4899739	5586343	72.772	195.937 #
21)	L5 AR-1248-1	5.620	0.000	11541622	0	171.541	N.D. #
22)	L5 AR-1248-2	5.875	0.000	635143	0	5.806	N.D. #
23)	L5 AR-1248-3	6.090	0.000	1453365	0	12.039	N.D. #
24)	L5 AR-1248-4	6.463	5.113f	17100731	499047	159.229	10.613 #
25)	L5 AR-1248-5	6.532	5.579	4899739	1278308	42.230	34.240
26)	L6 AR-1254-1	6.463	5.507	17100731	5586343	126.087	81.727 #
27)	L6 AR-1254-2	6.682	5.654	11749965	3154389	60.110	51.792
28)	L6 AR-1254-3	7.053	6.058	24431410	13681221	132.245	150.198
29)	L6 AR-1254-4	7.340	6.287	3926182	1427691	38.715	33.518
30)	L6 AR-1254-5	7.765	6.706	30260572	13912604	223.153	192.820
31)	L7 AR-1260-1	7.218	6.188	14220675	8349597	97.424	128.039 #
32)	L7 AR-1260-2	7.477	6.378	20835504	8246827	130.178	113.555
33)	L7 AR-1260-3	7.841	6.530	7785689	6946031	58.637	95.711 #
34)	L7 AR-1260-4	8.061	7.004	10446541	2548829	75.841	45.898 #
35)	L7 AR-1260-5	8.399	7.248	11053485	5466021	50.753	52.672
36)	L8 AR-1262-1	7.841	6.798	7785689	2089021	45.578	59.707 #
37)	L8 AR-1262-2	8.399	7.004	11053485	2548829	47.552	36.075
38)	L8 AR-1262-3	8.732	7.533	7635280	1756535	46.612	35.107
39)	L8 AR-1262-4	8.813	7.596	1677581	4889628	16.743	58.960 #
40)	L8 AR-1262-5	9.484	8.095	2487710	956504	30.909	29.403
41)	L9 AR-1268-1	8.732	7.533	7635280	1756535	22.686	11.499 #
42)	L9 AR-1268-2	8.813	7.596	1677581	4889628	5.213	35.990 #
43)	L9 AR-1268-3	9.045	0.000	370593	0	1.307	N.D. #
44)	L9 AR-1268-4	9.484	8.095	2487710	956504	25.729	24.164

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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
45) L9	AR-1268-5	9.912	8.388	1373008	1063885	1.635	3.035 #

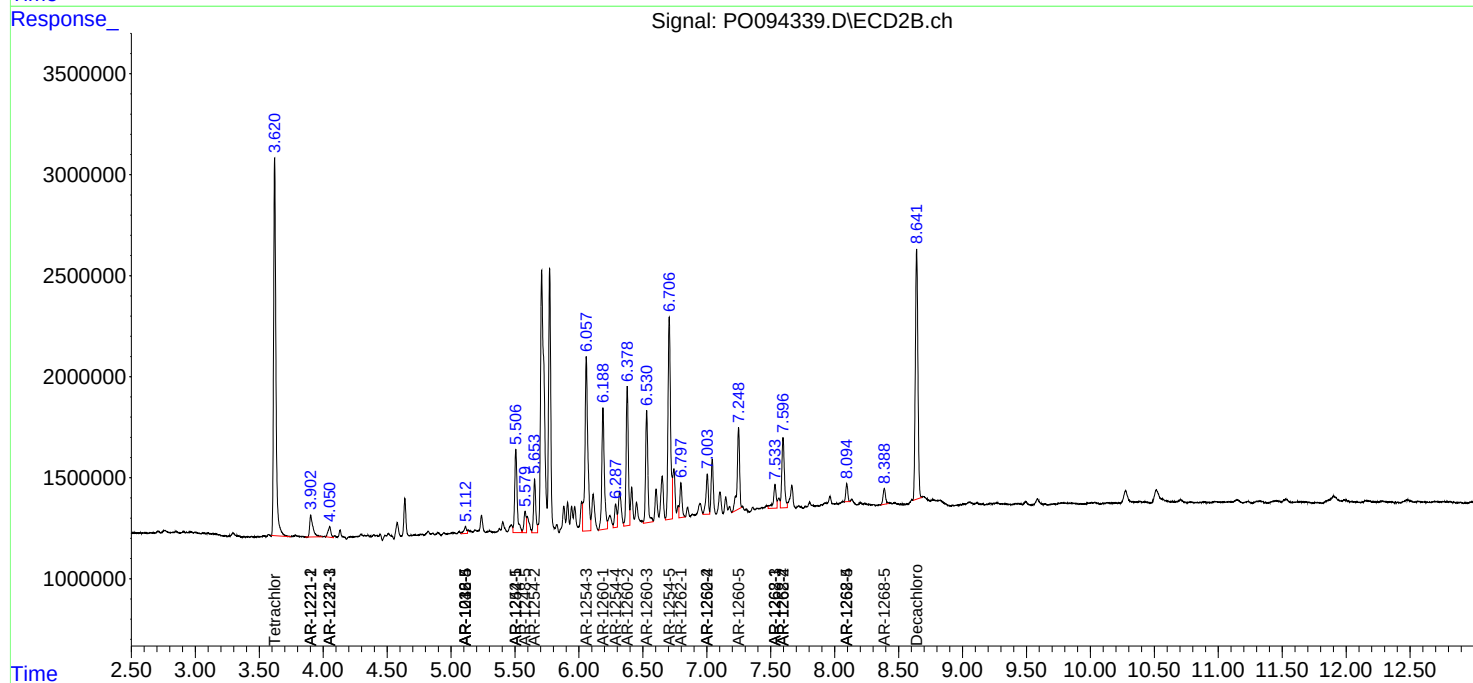
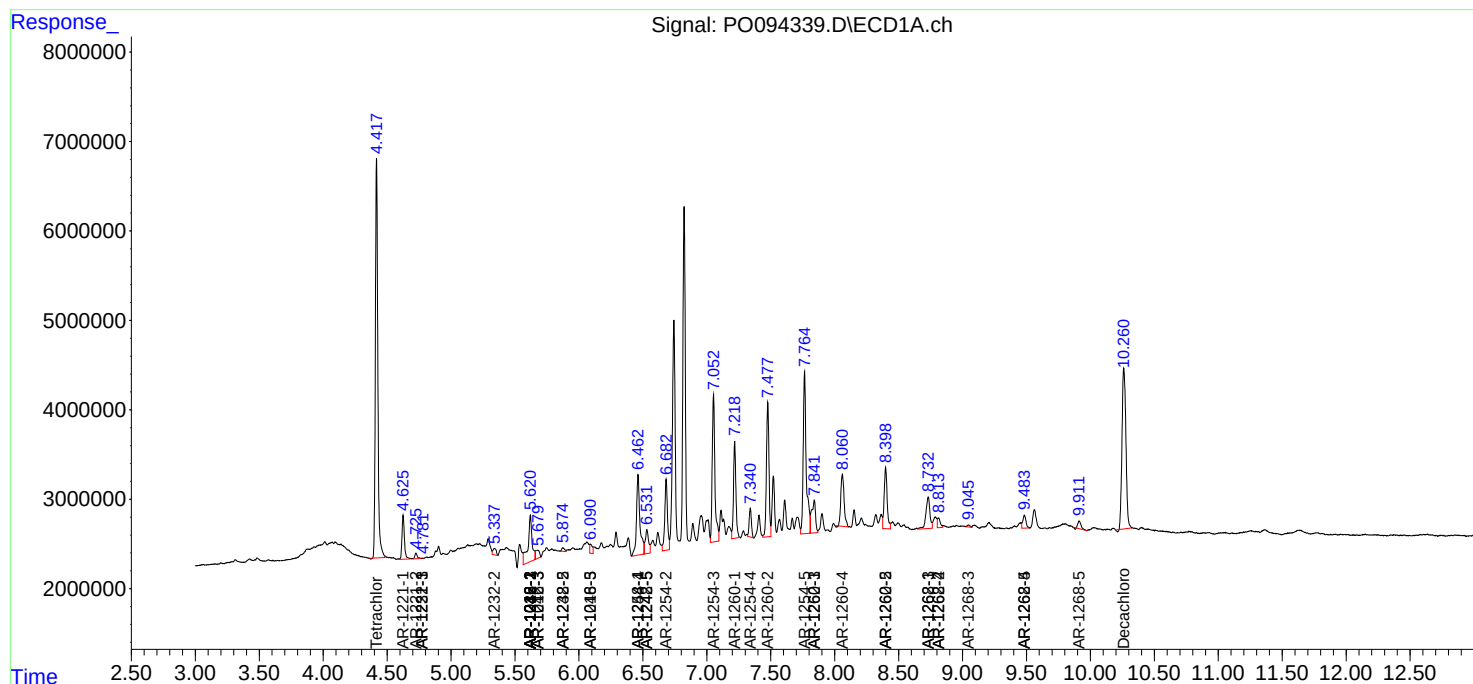
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

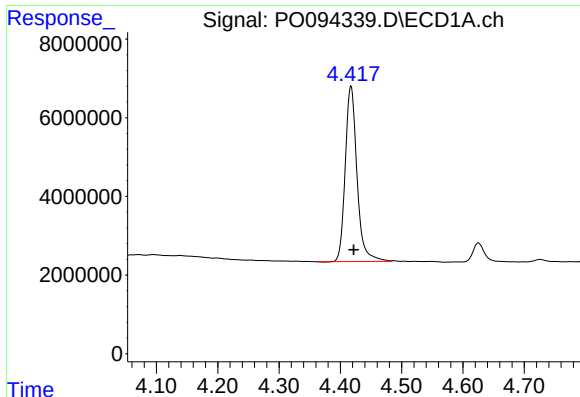
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

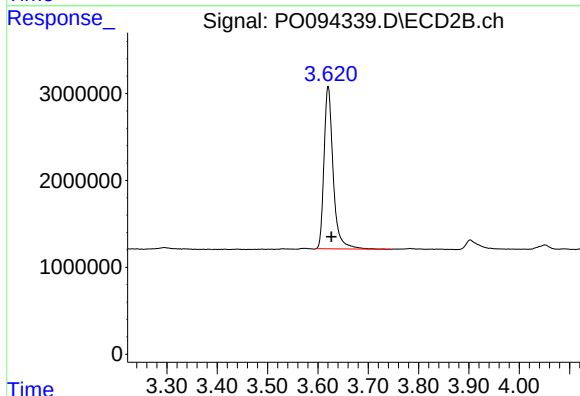




#1 Tetrachloro-m-xylene

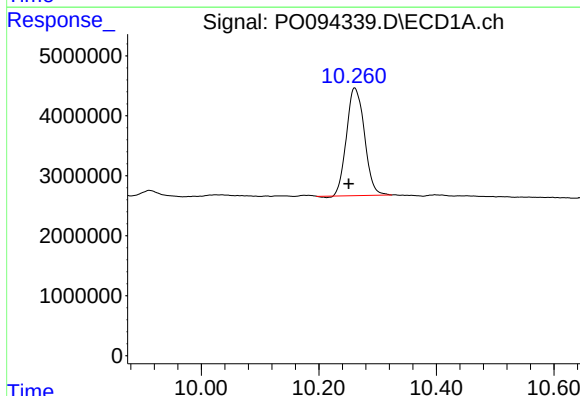
R.T.: 4.418 min
Delta R.T.: -0.004 min
Response: 59461267
Conc: 15.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



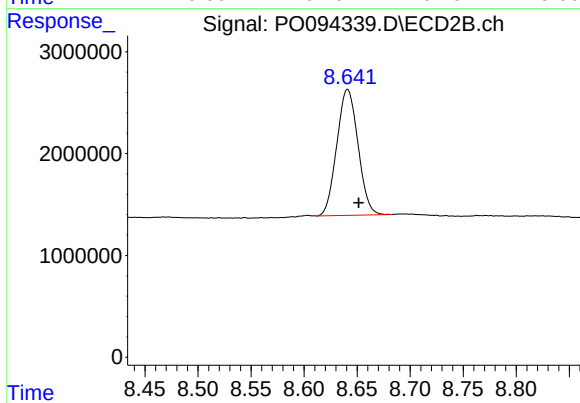
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.006 min
Response: 23550948
Conc: 18.49 ng/ml



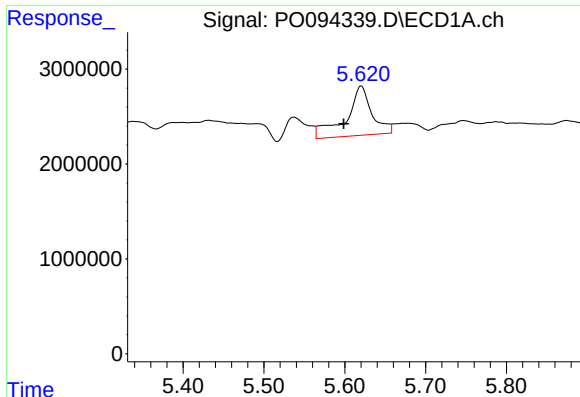
#2 Decachlorobiphenyl

R.T.: 10.261 min
Delta R.T.: 0.010 min
Response: 37992809
Conc: 16.98 ng/ml



#2 Decachlorobiphenyl

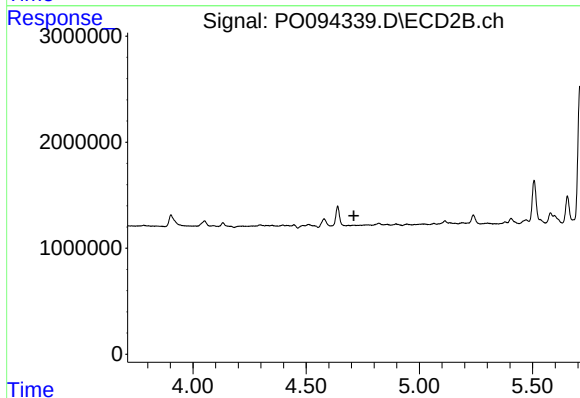
R.T.: 8.641 min
Delta R.T.: -0.010 min
Response: 17216254
Conc: 17.22 ng/ml



#3 AR-1016-1

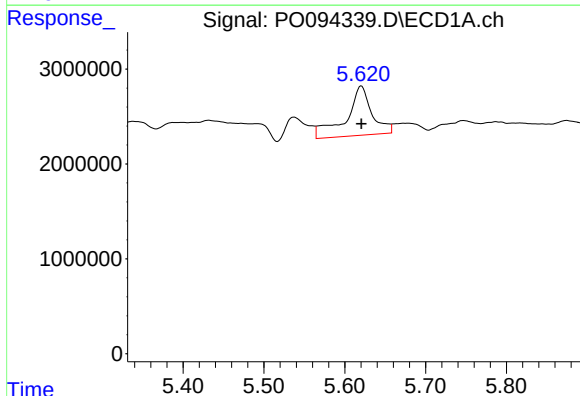
R.T.: 5.620 min
Delta R.T.: 0.022 min
Response: 11541622
Conc: 112.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



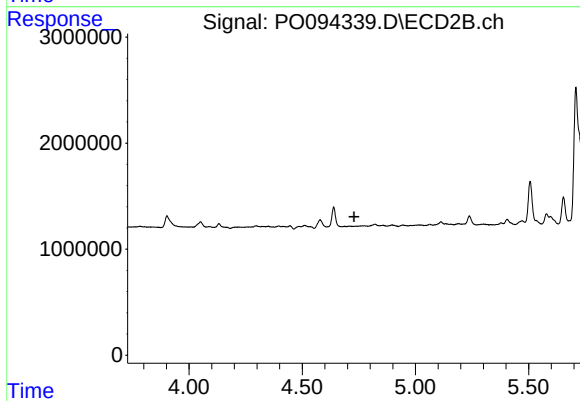
#3 AR-1016-1

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



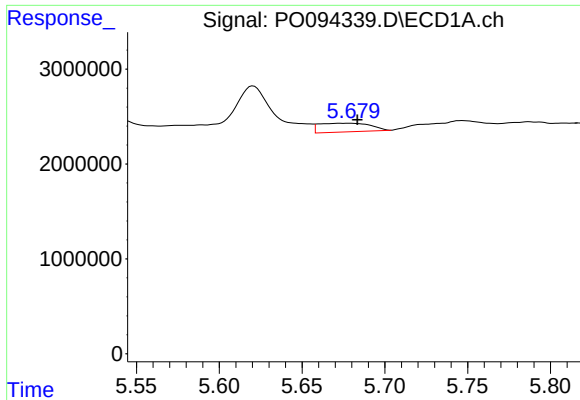
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 11541622
Conc: 74.05 ng/ml



#4 AR-1016-2

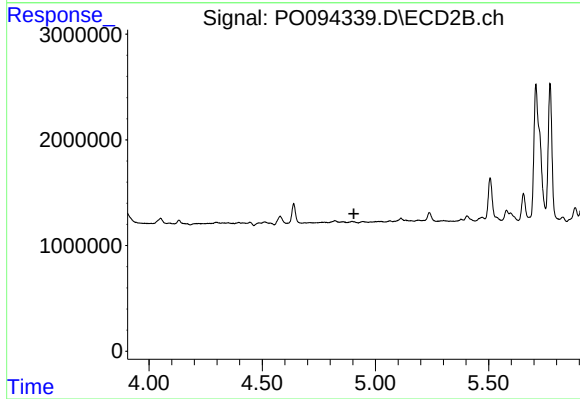
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

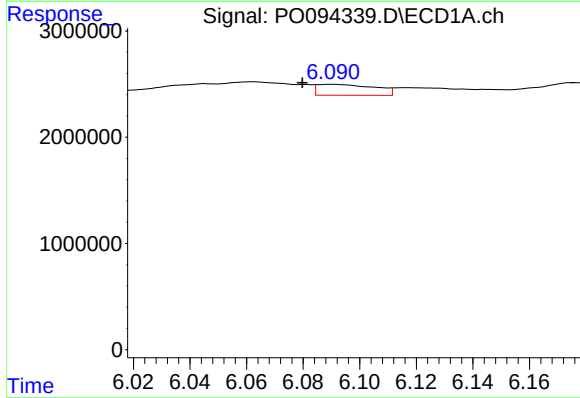
R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 1979128
Conc: 20.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



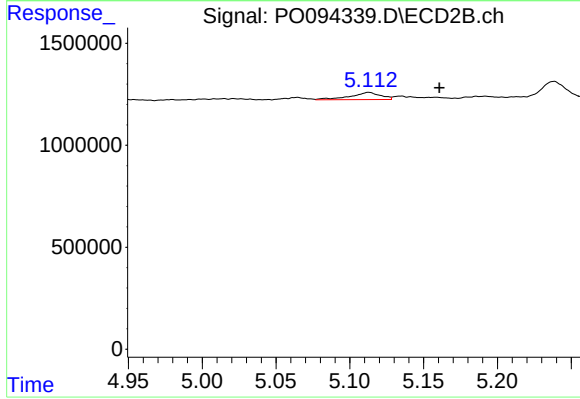
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



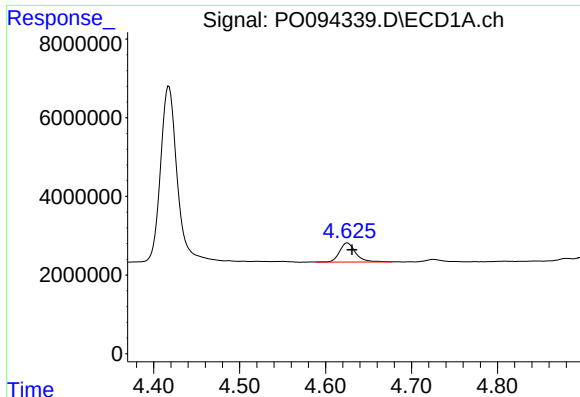
#7 AR-1016-5

R.T.: 6.090 min
Delta R.T.: 0.010 min
Response: 1453365
Conc: 17.17 ng/ml



#7 AR-1016-5

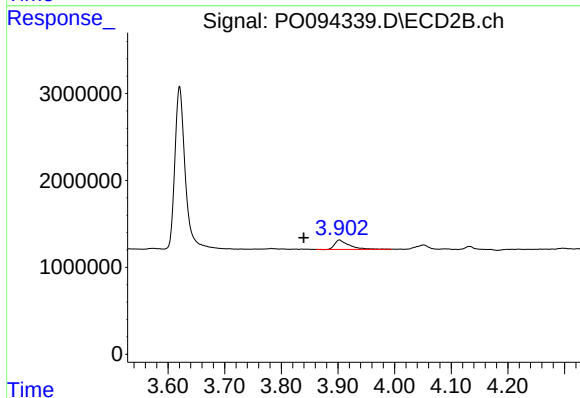
R.T.: 5.113 min
Delta R.T.: -0.048 min
Response: 499047
Conc: 15.25 ng/ml



#8 AR-1221-1

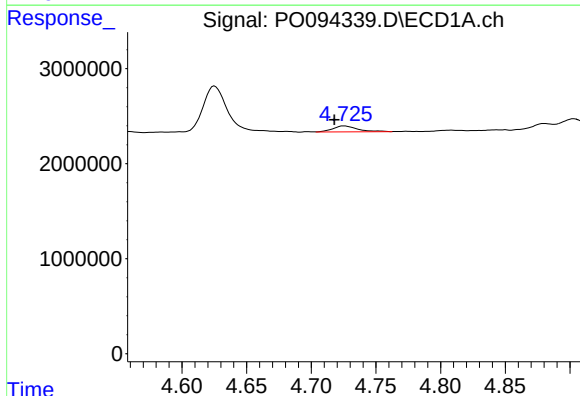
R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 6481577
Conc: 140.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



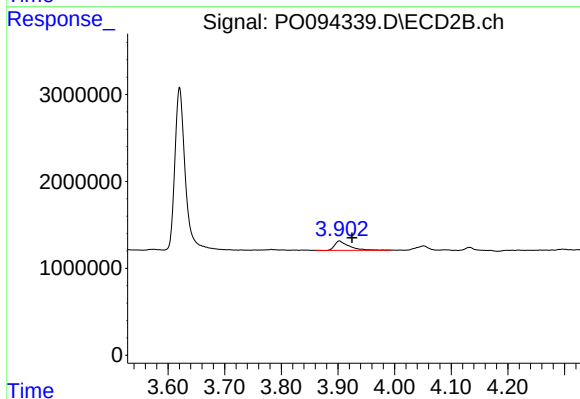
#8 AR-1221-1

R.T.: 3.903 min
Delta R.T.: 0.063 min
Response: 1879423
Conc: 120.02 ng/ml



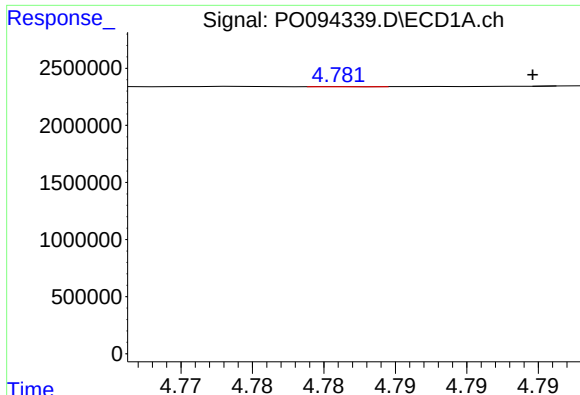
#9 AR-1221-2

R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 835631
Conc: 24.34 ng/ml



#9 AR-1221-2

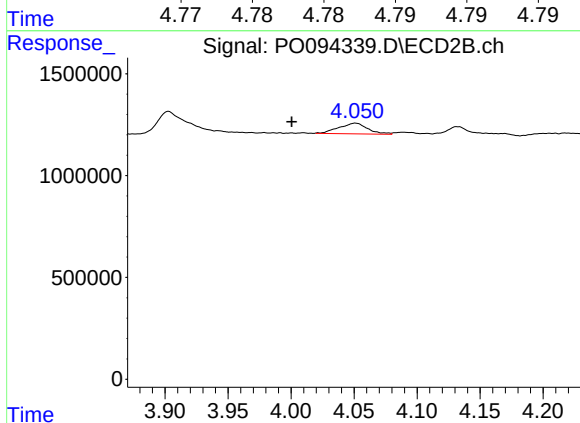
R.T.: 3.903 min
Delta R.T.: -0.022 min
Response: 1879423
Conc: 159.24 ng/ml



#10 AR-1221-3

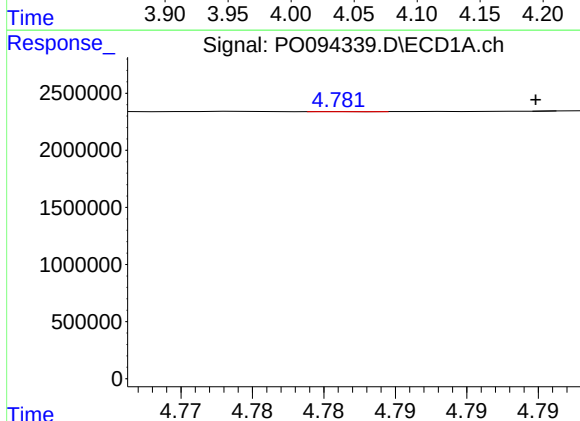
R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 2394
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



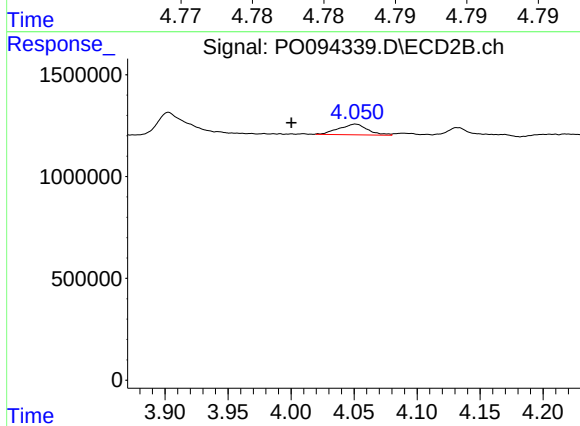
#10 AR-1221-3

R.T.: 4.051 min
Delta R.T.: 0.051 min
Response: 827740
Conc: 22.47 ng/ml



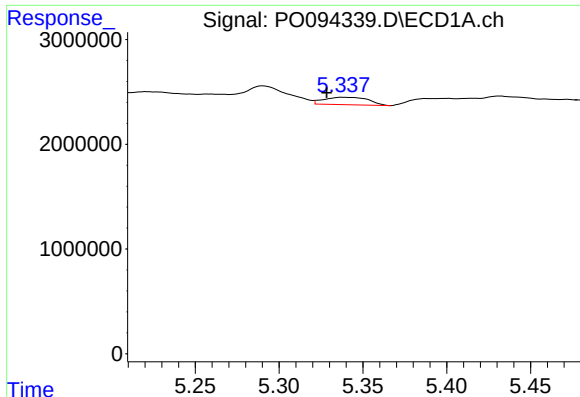
#11 AR-1232-1

R.T.: 4.781 min
Delta R.T.: -0.013 min
Response: 2394
Conc: 0.03 ng/ml



#11 AR-1232-1

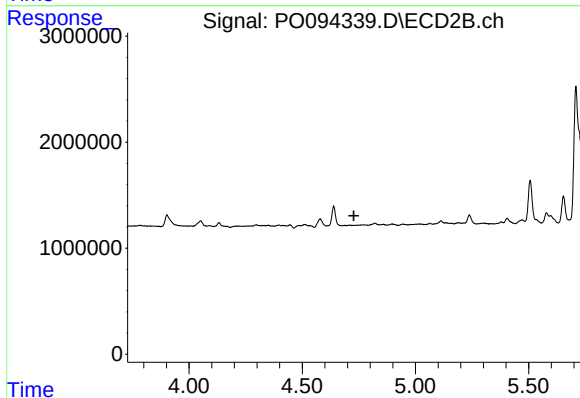
R.T.: 4.051 min
Delta R.T.: 0.051 min
Response: 827740
Conc: 26.50 ng/ml



#12 AR-1232-2

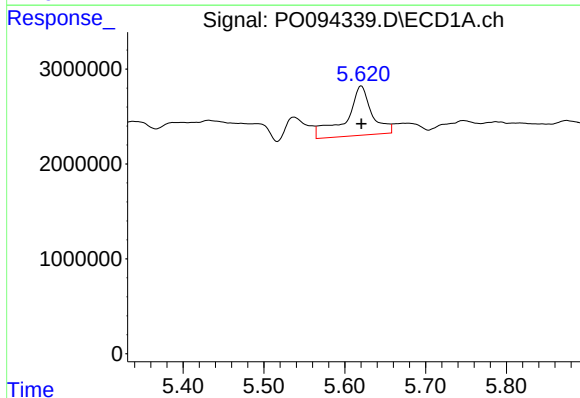
R.T.: 5.338 min
Delta R.T.: 0.010 min
Response: 1296252
Conc: 30.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



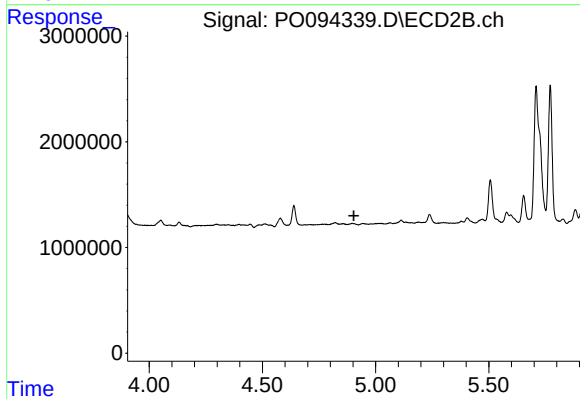
#12 AR-1232-2

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



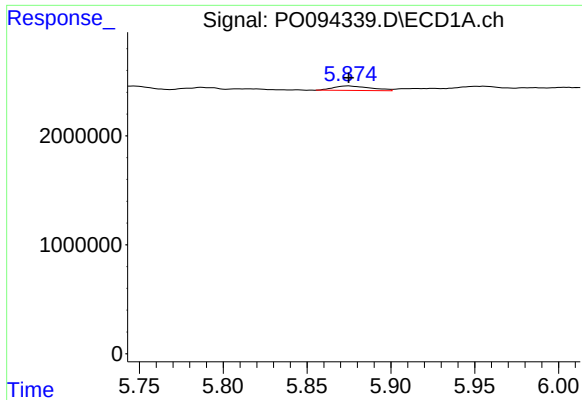
#13 AR-1232-3

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 11541622
Conc: 157.12 ng/ml



#13 AR-1232-3

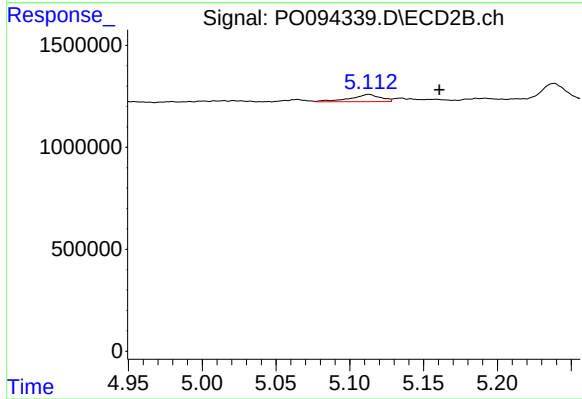
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#15 AR-1232-5

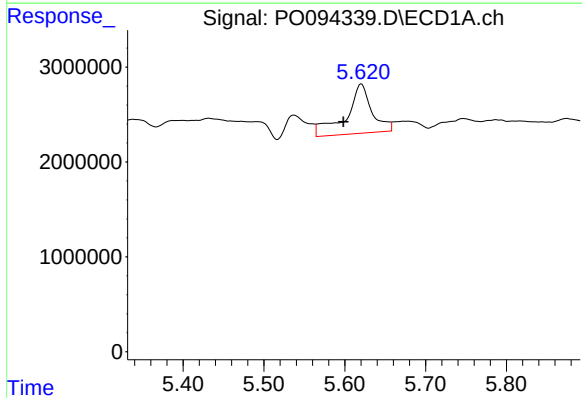
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 635143
Conc: 20.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



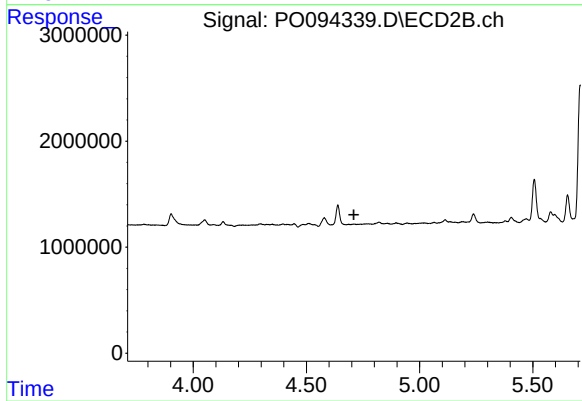
#15 AR-1232-5

R.T.: 5.113 min
Delta R.T.: -0.048 min
Response: 499047
Conc: 32.30 ng/ml



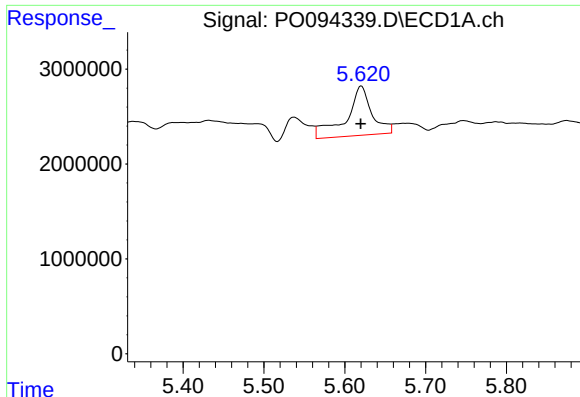
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: 0.022 min
Response: 11541622
Conc: 132.23 ng/ml



#16 AR-1242-1

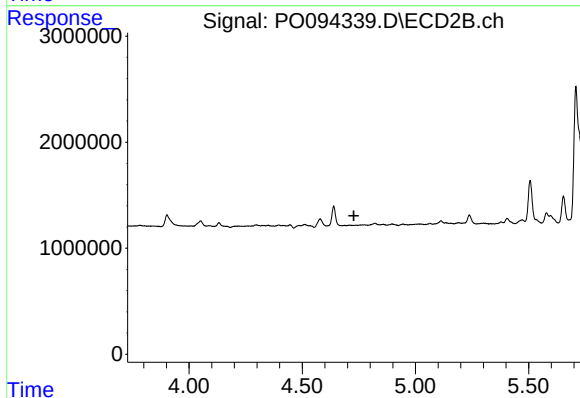
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

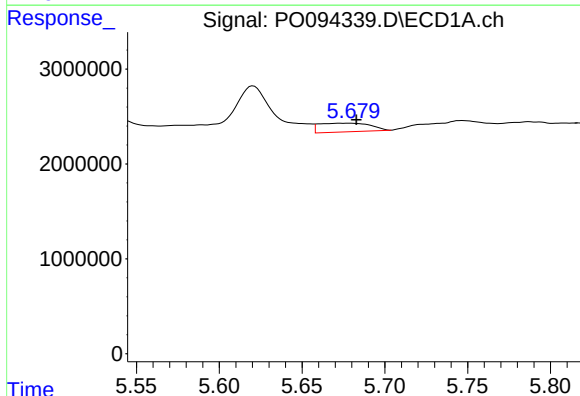
R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 11541622
Conc: 86.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



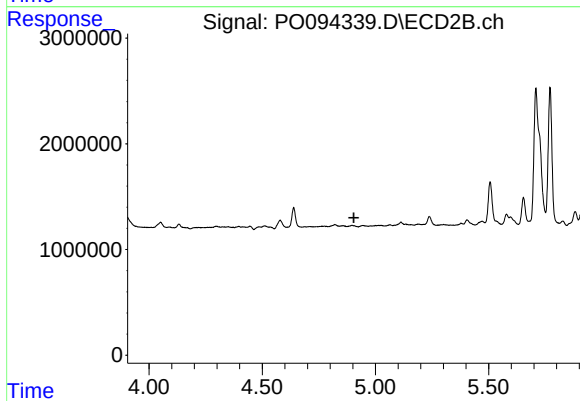
#17 AR-1242-2

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



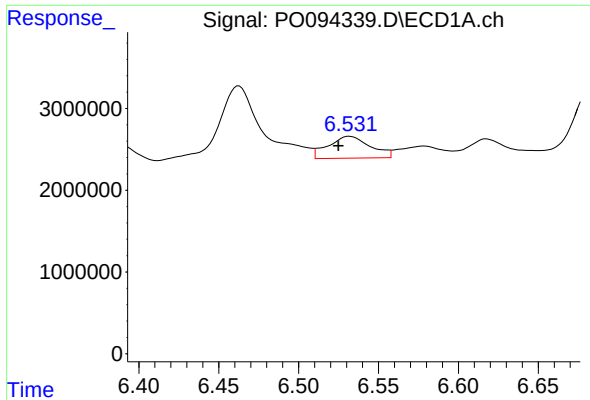
#18 AR-1242-3

R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 1979128
Conc: 23.31 ng/ml



#18 AR-1242-3

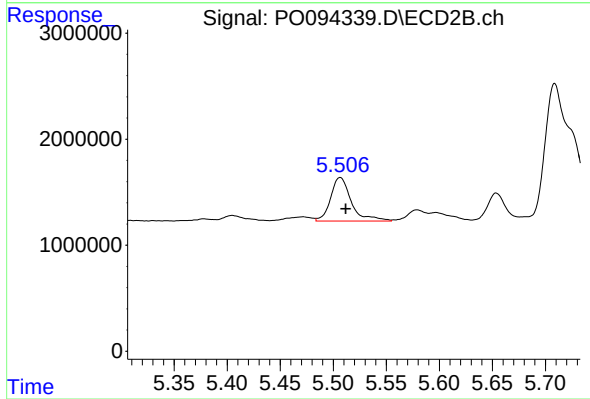
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#20 AR-1242-5

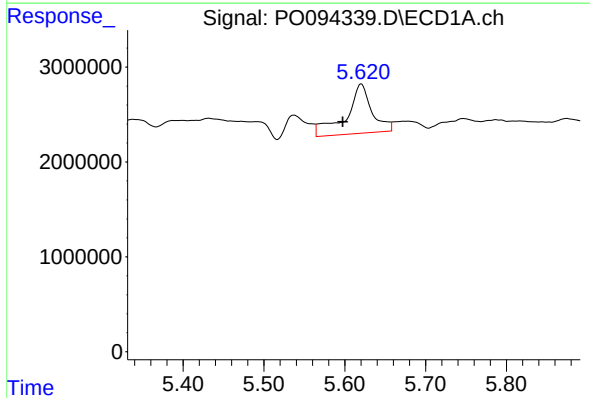
R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 4899739
Conc: 72.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



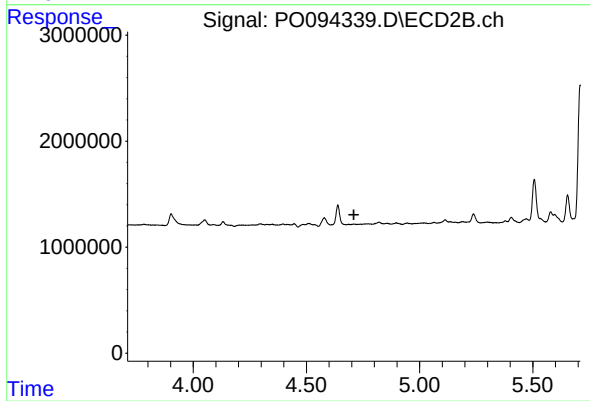
#20 AR-1242-5

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 5586343
Conc: 195.94 ng/ml



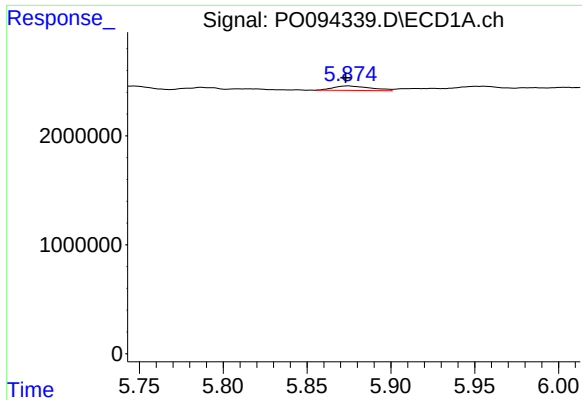
#21 AR-1248-1

R.T.: 5.620 min
Delta R.T.: 0.023 min
Response: 11541622
Conc: 171.54 ng/ml



#21 AR-1248-1

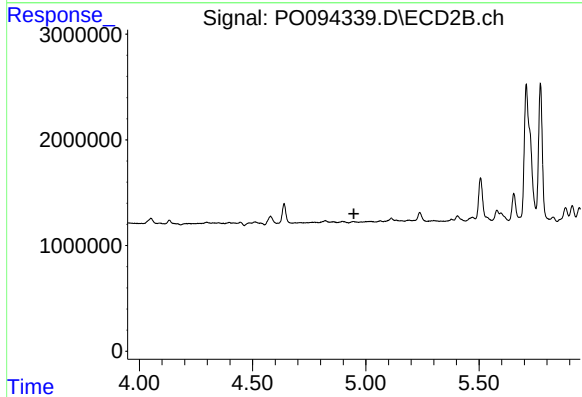
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#22 AR-1248-2

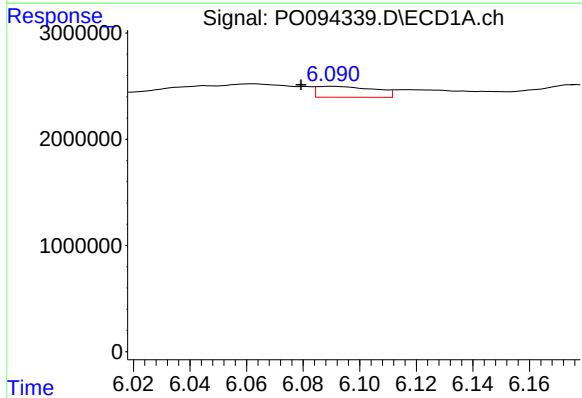
R.T.: 5.875 min
Delta R.T.: 0.002 min
Response: 635143
Conc: 5.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



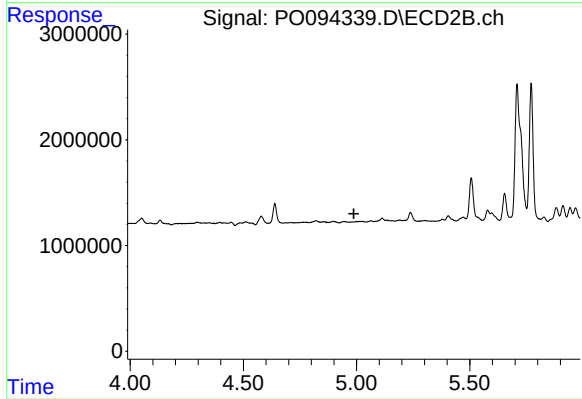
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



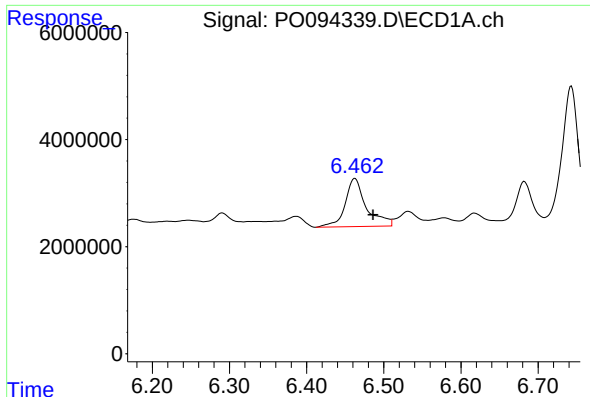
#23 AR-1248-3

R.T.: 6.090 min
Delta R.T.: 0.011 min
Response: 1453365
Conc: 12.04 ng/ml



#23 AR-1248-3

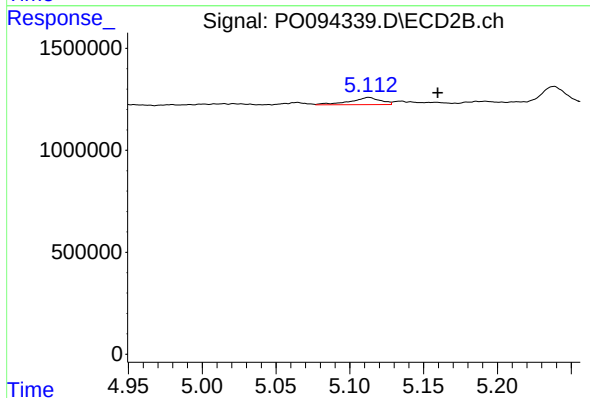
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#24 AR-1248-4

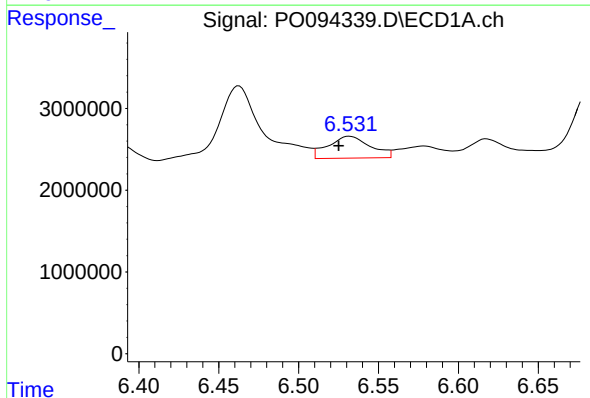
R.T.: 6.463 min
Delta R.T.: -0.023 min
Response: 17100731
Conc: 159.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



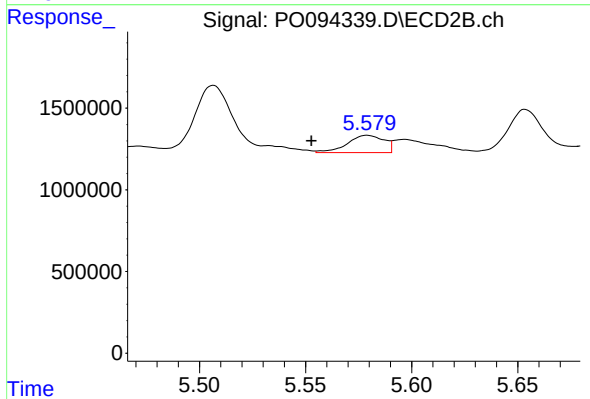
#24 AR-1248-4

R.T.: 5.113 min
Delta R.T.: -0.047 min
Response: 499047
Conc: 10.61 ng/ml



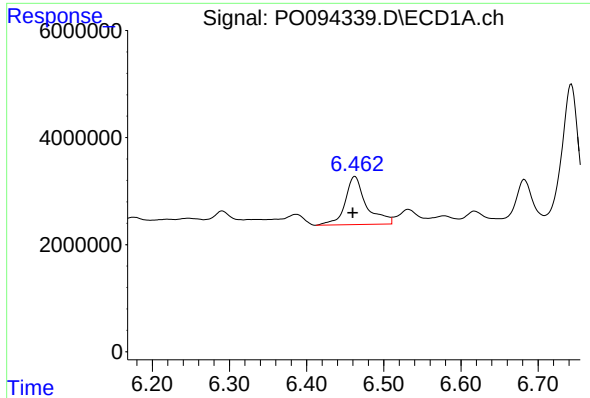
#25 AR-1248-5

R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 4899739
Conc: 42.23 ng/ml



#25 AR-1248-5

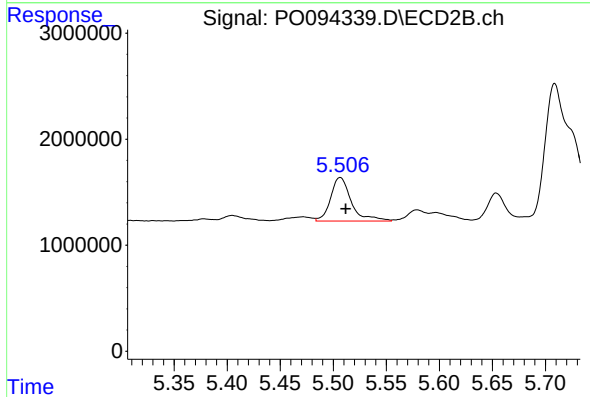
R.T.: 5.579 min
Delta R.T.: 0.026 min
Response: 1278308
Conc: 34.24 ng/ml



#26 AR-1254-1

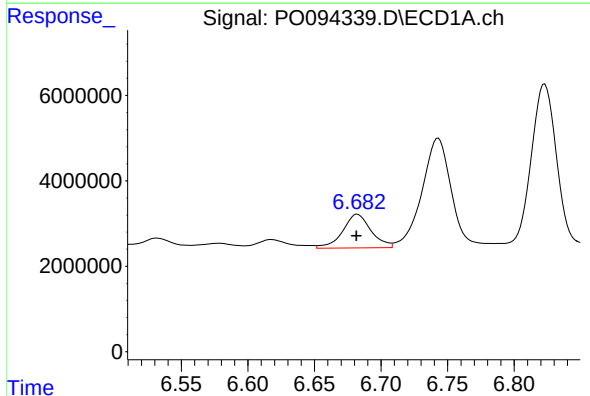
R.T.: 6.463 min
Delta R.T.: 0.003 min
Response: 17100731
Conc: 126.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



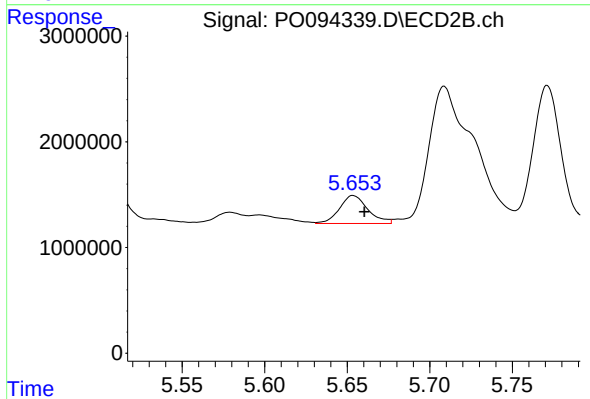
#26 AR-1254-1

R.T.: 5.507 min
Delta R.T.: -0.005 min
Response: 5586343
Conc: 81.73 ng/ml



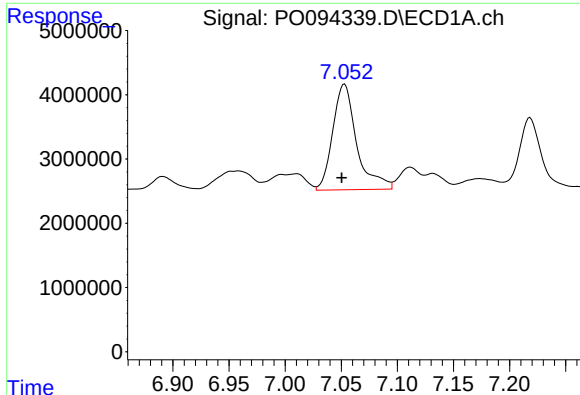
#27 AR-1254-2

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 11749965
Conc: 60.11 ng/ml



#27 AR-1254-2

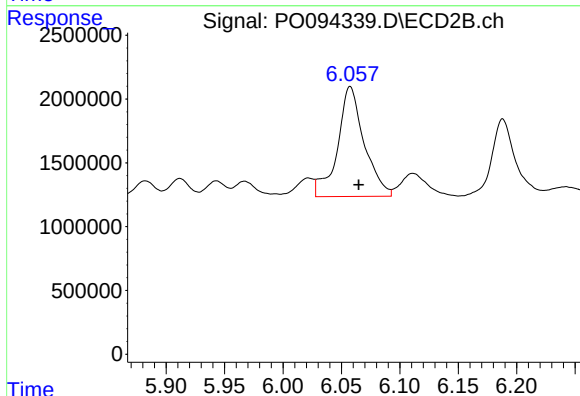
R.T.: 5.654 min
Delta R.T.: -0.007 min
Response: 3154389
Conc: 51.79 ng/ml



#28 AR-1254-3

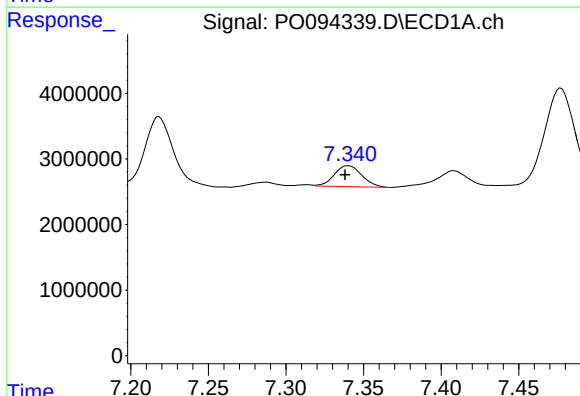
R.T.: 7.053 min
Delta R.T.: 0.003 min
Response: 24431410
Conc: 132.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



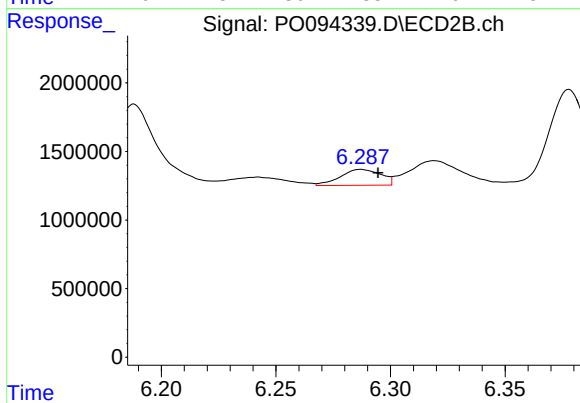
#28 AR-1254-3

R.T.: 6.058 min
Delta R.T.: -0.007 min
Response: 13681221
Conc: 150.20 ng/ml



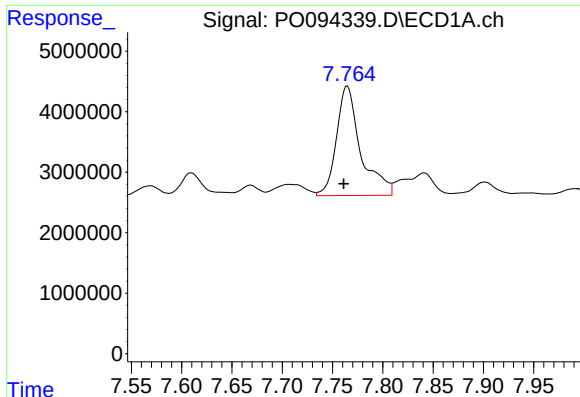
#29 AR-1254-4

R.T.: 7.340 min
Delta R.T.: 0.002 min
Response: 3926182
Conc: 38.72 ng/ml



#29 AR-1254-4

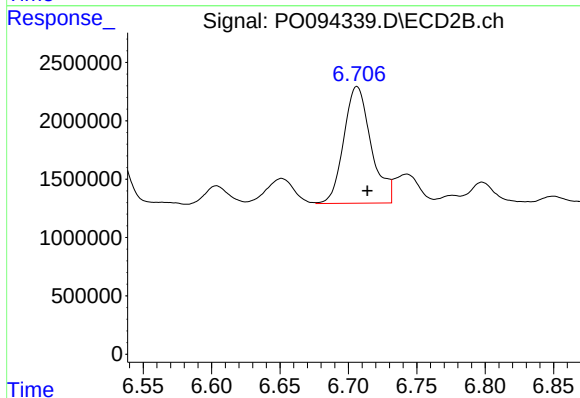
R.T.: 6.287 min
Delta R.T.: -0.008 min
Response: 1427691
Conc: 33.52 ng/ml



#30 AR-1254-5

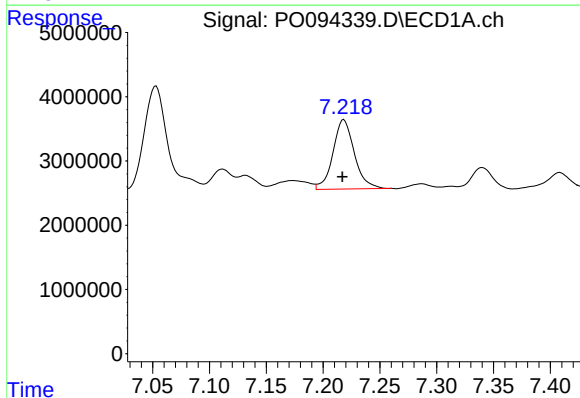
R.T.: 7.765 min
Delta R.T.: 0.004 min
Response: 30260572
Conc: 223.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



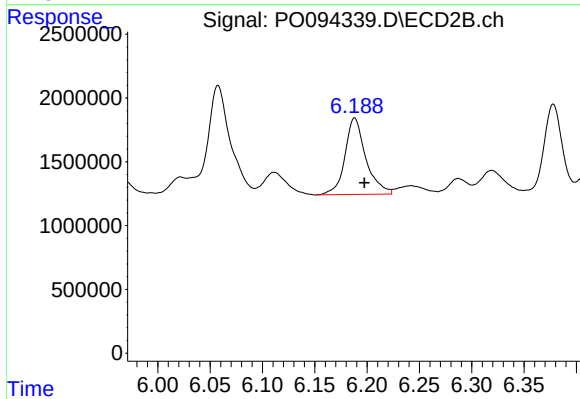
#30 AR-1254-5

R.T.: 6.706 min
Delta R.T.: -0.008 min
Response: 13912604
Conc: 192.82 ng/ml



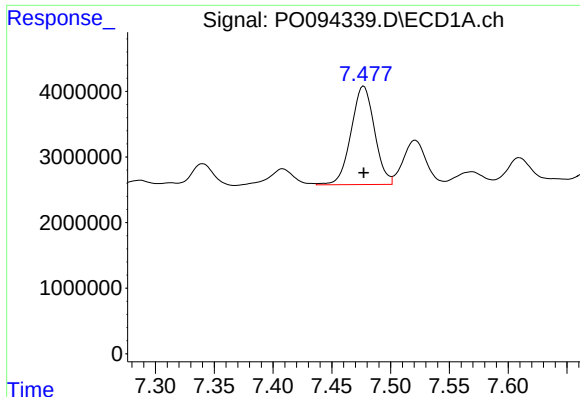
#31 AR-1260-1

R.T.: 7.218 min
Delta R.T.: 0.001 min
Response: 14220675
Conc: 97.42 ng/ml



#31 AR-1260-1

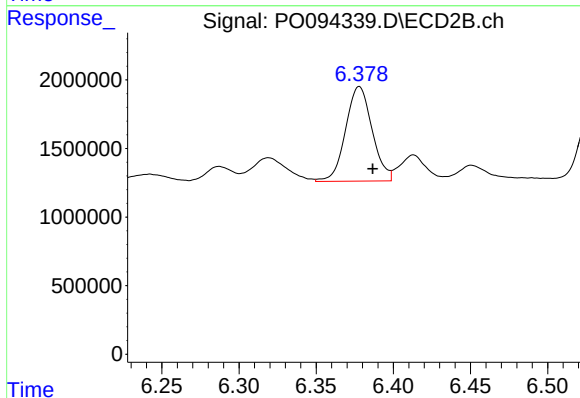
R.T.: 6.188 min
Delta R.T.: -0.009 min
Response: 8349597
Conc: 128.04 ng/ml



#32 AR-1260-2

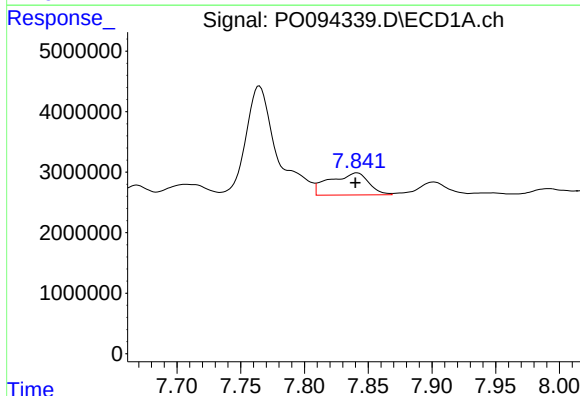
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 20835504
Conc: 130.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



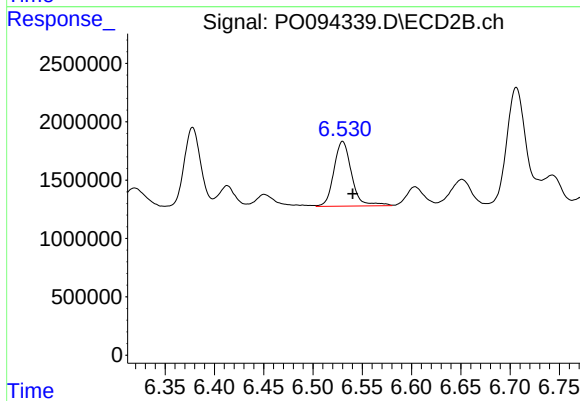
#32 AR-1260-2

R.T.: 6.378 min
Delta R.T.: -0.009 min
Response: 8246827
Conc: 113.56 ng/ml



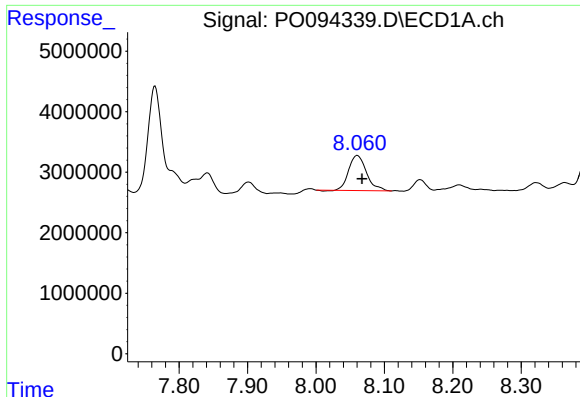
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: 0.002 min
Response: 7785689
Conc: 58.64 ng/ml



#33 AR-1260-3

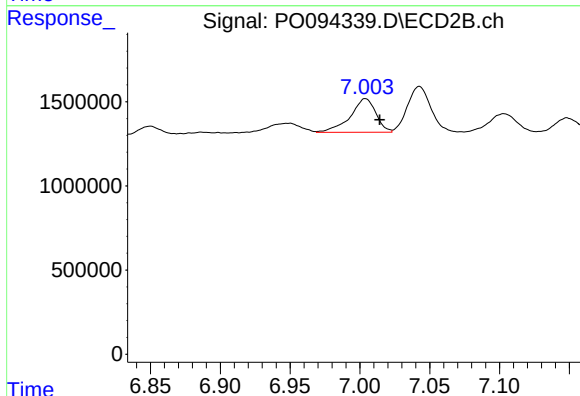
R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 6946031
Conc: 95.71 ng/ml



#34 AR-1260-4

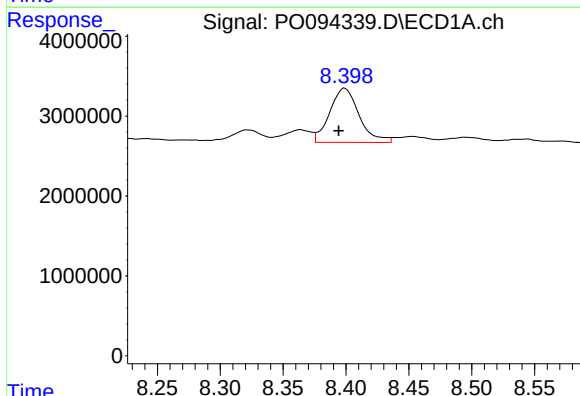
R.T.: 8.061 min
Delta R.T.: -0.007 min
Response: 10446541
Conc: 75.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



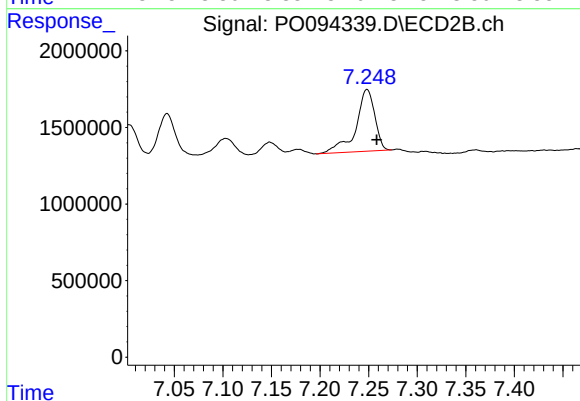
#34 AR-1260-4

R.T.: 7.004 min
Delta R.T.: -0.010 min
Response: 2548829
Conc: 45.90 ng/ml



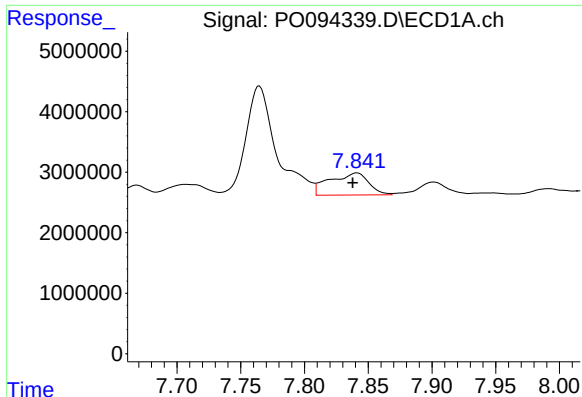
#35 AR-1260-5

R.T.: 8.399 min
Delta R.T.: 0.005 min
Response: 11053485
Conc: 50.75 ng/ml



#35 AR-1260-5

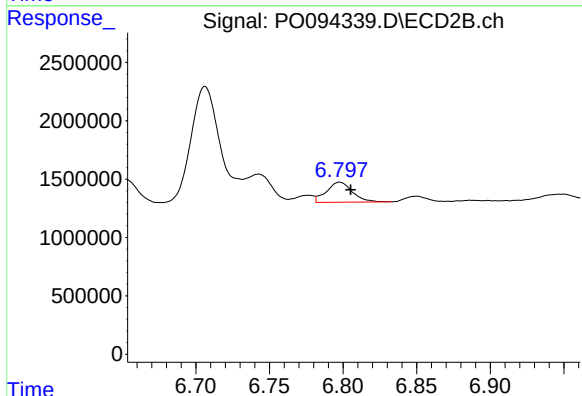
R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 5466021
Conc: 52.67 ng/ml



#36 AR-1262-1

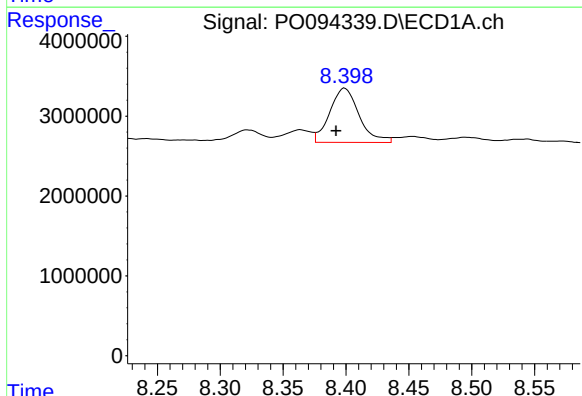
R.T.: 7.841 min
Delta R.T.: 0.004 min
Response: 7785689
Conc: 45.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



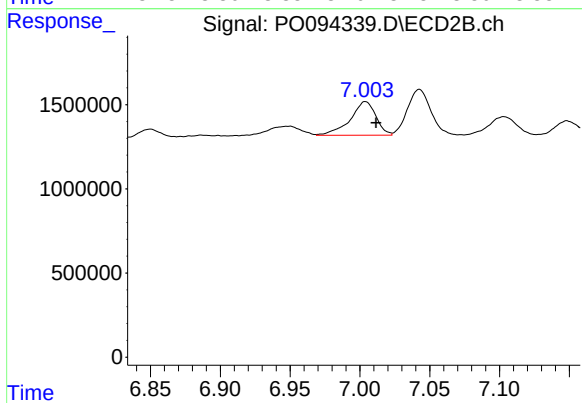
#36 AR-1262-1

R.T.: 6.798 min
Delta R.T.: -0.008 min
Response: 2089021
Conc: 59.71 ng/ml



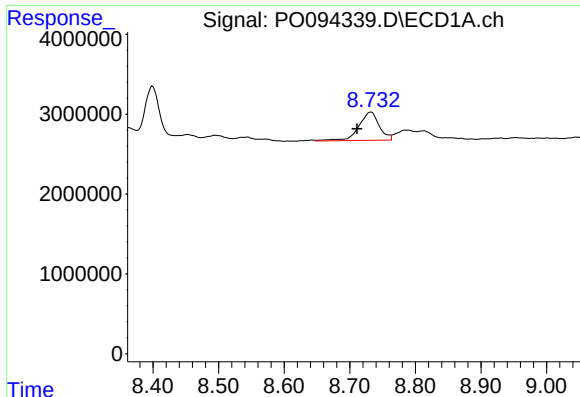
#37 AR-1262-2

R.T.: 8.399 min
Delta R.T.: 0.007 min
Response: 11053485
Conc: 47.55 ng/ml



#37 AR-1262-2

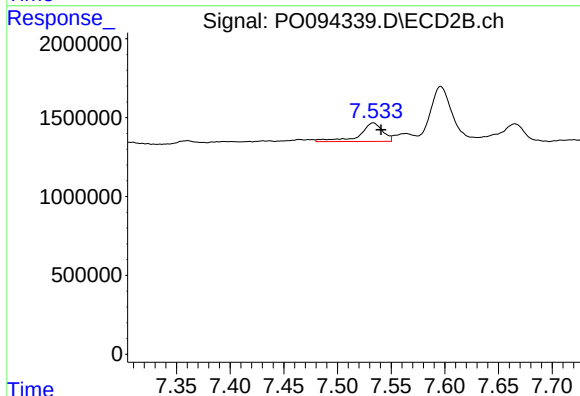
R.T.: 7.004 min
Delta R.T.: -0.008 min
Response: 2548829
Conc: 36.08 ng/ml



#38 AR-1262-3

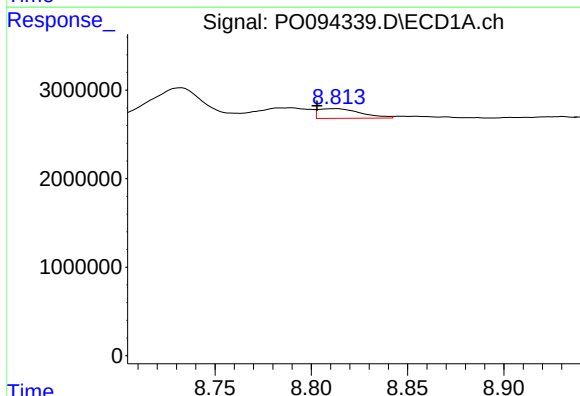
R.T.: 8.732 min
Delta R.T.: 0.021 min
Response: 7635280
Conc: 46.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



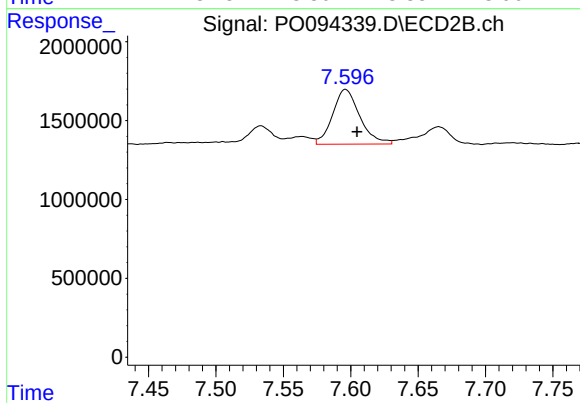
#38 AR-1262-3

R.T.: 7.533 min
Delta R.T.: -0.007 min
Response: 1756535
Conc: 35.11 ng/ml



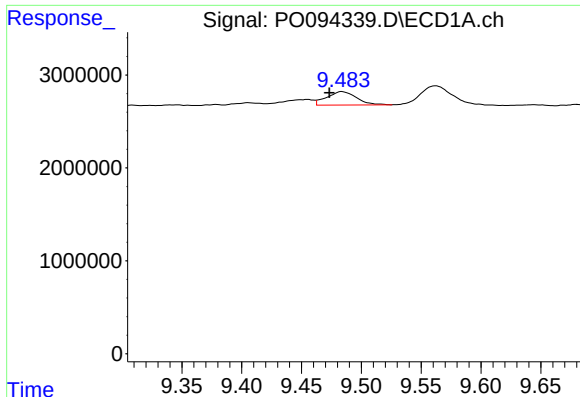
#39 AR-1262-4

R.T.: 8.813 min
Delta R.T.: 0.010 min
Response: 1677581
Conc: 16.74 ng/ml



#39 AR-1262-4

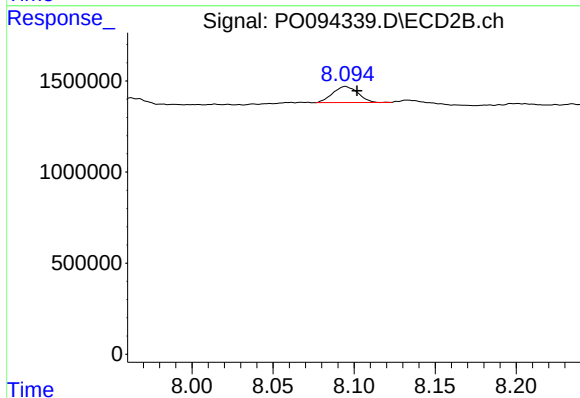
R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 4889628
Conc: 58.96 ng/ml



#40 AR-1262-5

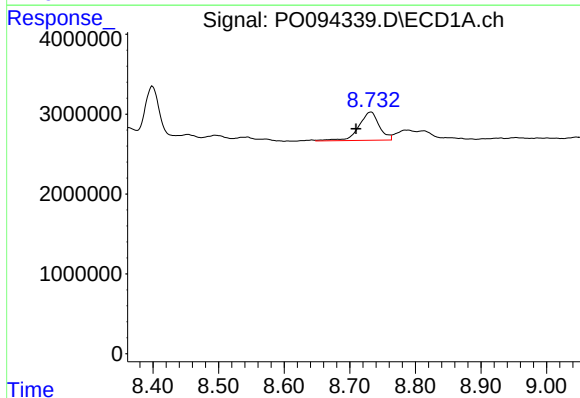
R.T.: 9.484 min
Delta R.T.: 0.010 min
Response: 2487710
Conc: 30.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



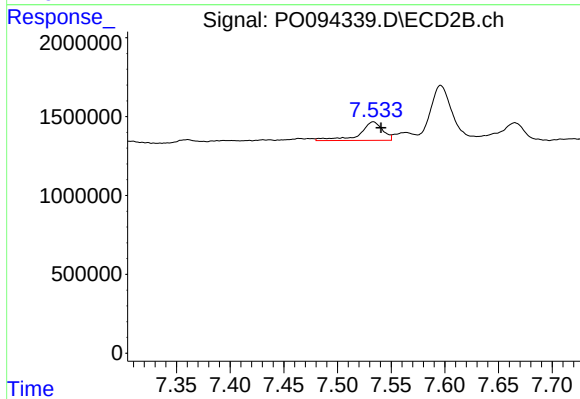
#40 AR-1262-5

R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 956504
Conc: 29.40 ng/ml



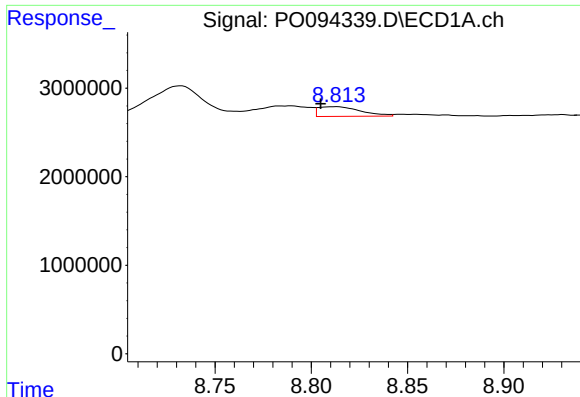
#41 AR-1268-1

R.T.: 8.732 min
Delta R.T.: 0.023 min
Response: 7635280
Conc: 22.69 ng/ml



#41 AR-1268-1

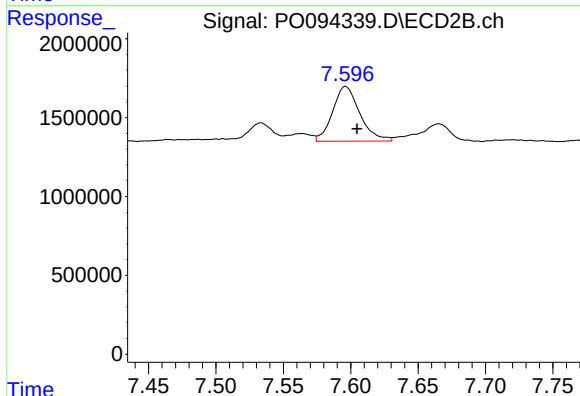
R.T.: 7.533 min
Delta R.T.: -0.007 min
Response: 1756535
Conc: 11.50 ng/ml



#42 AR-1268-2

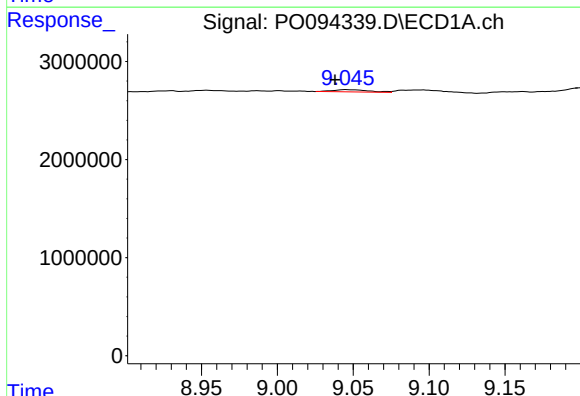
R.T.: 8.813 min
Delta R.T.: 0.008 min
Response: 1677581
Conc: 5.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



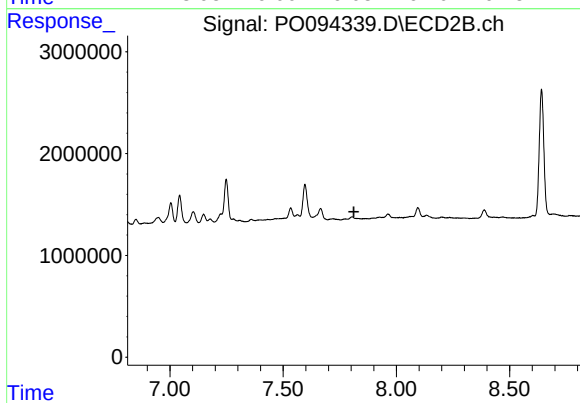
#42 AR-1268-2

R.T.: 7.596 min
Delta R.T.: -0.009 min
Response: 4889628
Conc: 35.99 ng/ml



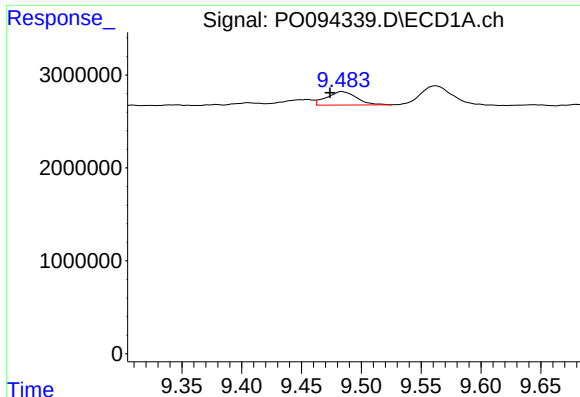
#43 AR-1268-3

R.T.: 9.045 min
Delta R.T.: 0.007 min
Response: 370593
Conc: 1.31 ng/ml



#43 AR-1268-3

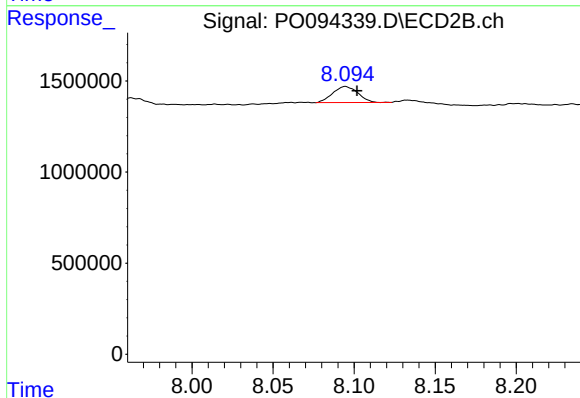
R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



#44 AR-1268-4

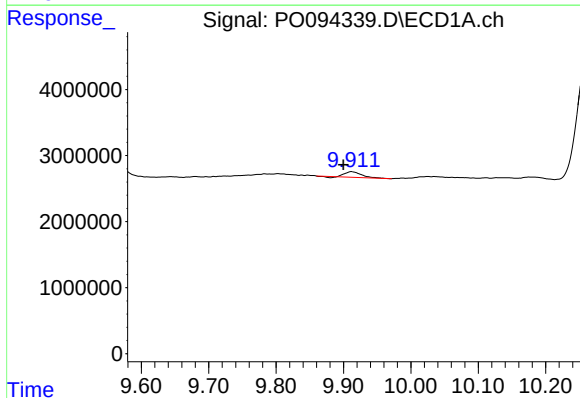
R.T.: 9.484 min
Delta R.T.: 0.010 min
Response: 2487710
Conc: 25.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



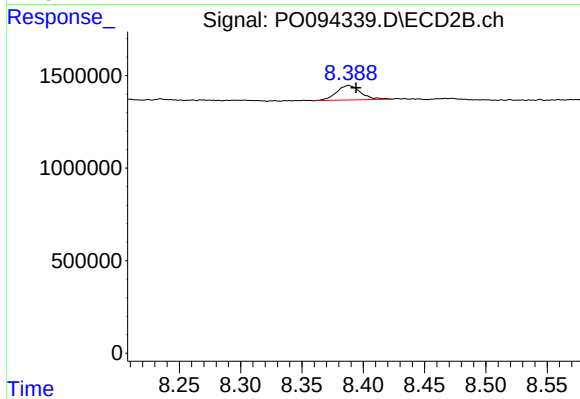
#44 AR-1268-4

R.T.: 8.095 min
Delta R.T.: -0.007 min
Response: 956504
Conc: 24.16 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: 0.012 min
Response: 1373008
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 1063885
Conc: 3.04 ng/ml