

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099375.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2023 02:16
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 02:41:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.623	88367955	32759158	44.722	45.519
2) SA Decachlor...	10.256	8.612	40565274	17161406	35.808	31.986
Target Compounds						
3) L1 AR-1016-1	5.638	4.720	712897	198878	12.946	8.881 #
4) L1 AR-1016-2	5.668	4.720	964409	198878	11.663	6.363 #
5) L1 AR-1016-3	5.744	4.897	30326	142169	0.589	8.396 #
6) L1 AR-1016-4	5.820	4.938	337418	7131562	8.302	493.270 #
7) L1 AR-1016-5	6.118	5.150	7916673	4317417	186.524	231.102
8) L2 AR-1221-1	4.673	3.851	139657	114206	5.625	12.294 #
9) L2 AR-1221-2	4.774	3.922	1775855	496080	95.996	76.512
10) L2 AR-1221-3	4.858	3.996	44435	94686	0.820	4.681 #
11) L3 AR-1232-1	4.840	3.996	234019	94686	5.115	5.524
12) L3 AR-1232-2	5.369	4.720	299481	198878	12.682	12.982
13) L3 AR-1232-3	5.668	4.897	964409	142169	24.420	17.768 #
14) L3 AR-1232-4	5.820	4.978	337418	2154430	17.685	280.022 #
15) L3 AR-1232-5	5.912	5.150	16891942	4317417	1014.033	507.598 #
16) L4 AR-1242-1	5.638	4.720	712897	198878	16.467	11.319 #
17) L4 AR-1242-2	5.668	4.720	964409	198878	15.058	8.207 #
18) L4 AR-1242-3	5.744	4.897	30326	142169	0.754	11.089 #
19) L4 AR-1242-4	5.820	4.978	337418	2154430	10.783	153.049 #
20) L4 AR-1242-5	6.564	5.501	10667618	17404383	345.805	1041.481 #
21) L5 AR-1248-1	5.638	4.720	712897	198878	20.984	14.349 #
22) L5 AR-1248-2	5.912	4.938	16891942	7131562	322.776	359.027
23) L5 AR-1248-3	6.118	4.978	7916673	2154430	138.943	103.312 #
24) L5 AR-1248-4	6.521	5.150	13421423	4317417	246.122	175.623 #
25) L5 AR-1248-5	6.564	5.542	10667618	2193932	187.790	101.017 #
26) L6 AR-1254-1	6.496	5.501	29378139	17404383	446.293	491.187
27) L6 AR-1254-2	6.715	5.649	43267749	15396196	449.448	481.366
28) L6 AR-1254-3	7.082	6.052	42336159	23620413	473.649	483.159
29) L6 AR-1254-4	7.368	6.280	27005712	13968178	492.953	532.998
30) L6 AR-1254-5	7.788	6.697	32222141	20852260	478.536	494.659
31) L7 AR-1260-1	7.246	6.182	17651900	12310950	246.325	348.995 #
32) L7 AR-1260-2	7.504	6.369	18468796	10013539	234.088	249.798
33) L7 AR-1260-3	7.849	6.522	4271748	4974952	78.219	131.568 #
34) L7 AR-1260-4	8.078	6.994	12449070	1028343	198.687	35.587 #
35) L7 AR-1260-5	8.413	7.235	4859417	2481286	45.408	41.231
36) L8 AR-1262-1	7.849	6.767	4271748	1765145	47.196	37.620
37) L8 AR-1262-2	8.413	6.994	4859417	1028343	36.453	24.769 #
38) L8 AR-1262-3	8.746	7.523	3784761	225138	38.488	7.047 #
39) L8 AR-1262-4	8.839	7.581	50252	2482765	0.627	45.158 #
40) L8 AR-1262-5	9.513	8.074	33124	64389	0.754	2.564 #
41) L9 AR-1268-1	8.746	7.523	3784761	225138	21.973	2.524 #

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 Operator : YP/AJ
 Sample : AR1254CCC500
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 ALS Vial : 6 Sample Multiplier: 1

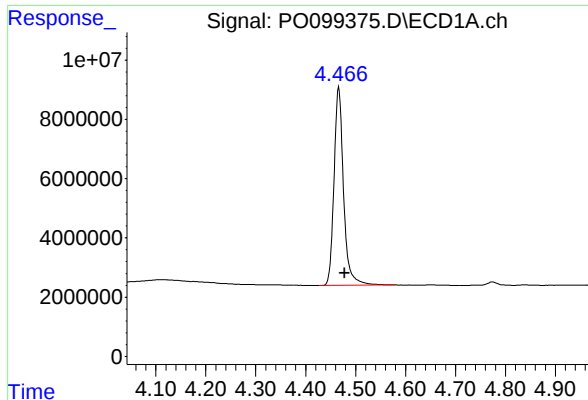
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 02:41:41 2023
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 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	8.839	7.581	50252	2482765	0.320	31.445 #
43) L9	AR-1268-3	9.072	7.792	38325	91124	0.273	1.294 #
44) L9	AR-1268-4	9.513	8.074	33124	64389	0.661	2.336 #
45) L9	AR-1268-5	9.940	8.359	27346	79600	0.067	0.418 #

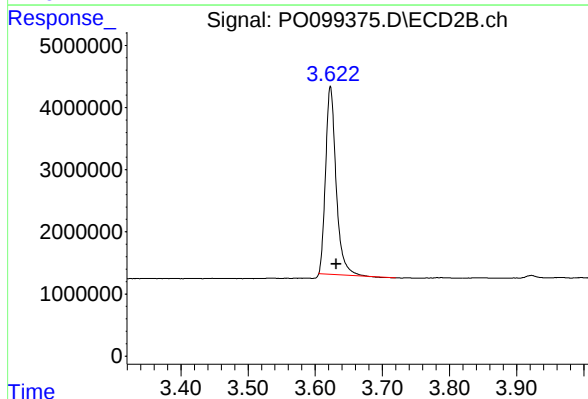
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

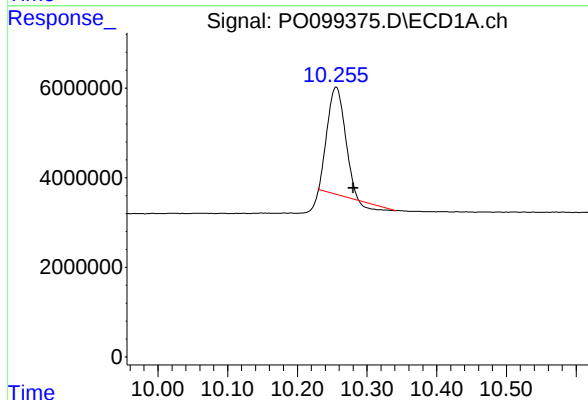
R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 88367955
Conc: 44.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



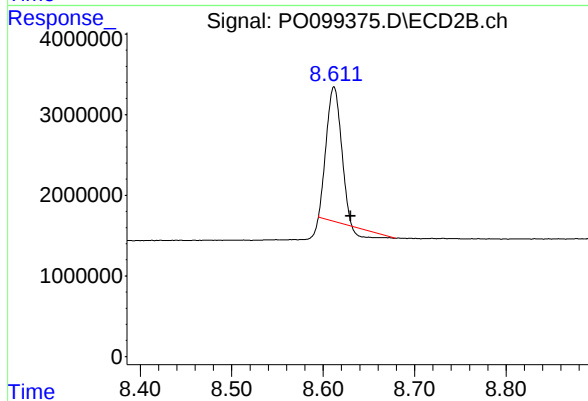
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 32759158
Conc: 45.52 ng/ml



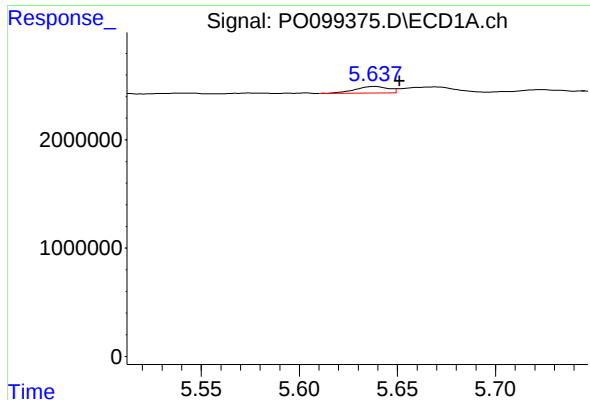
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.024 min
Response: 40565274
Conc: 35.81 ng/ml



#2 Decachlorobiphenyl

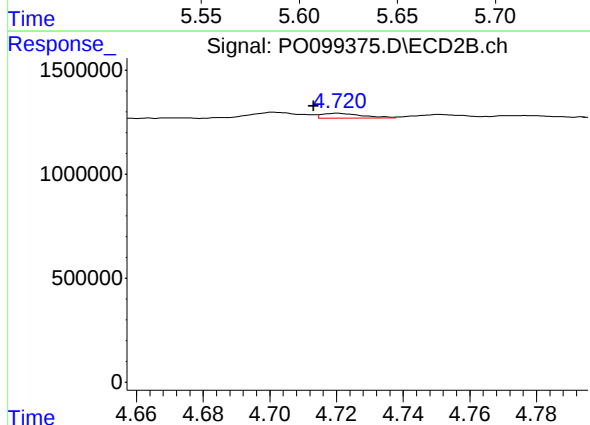
R.T.: 8.612 min
Delta R.T.: -0.018 min
Response: 17161406
Conc: 31.99 ng/ml



#3 AR-1016-1

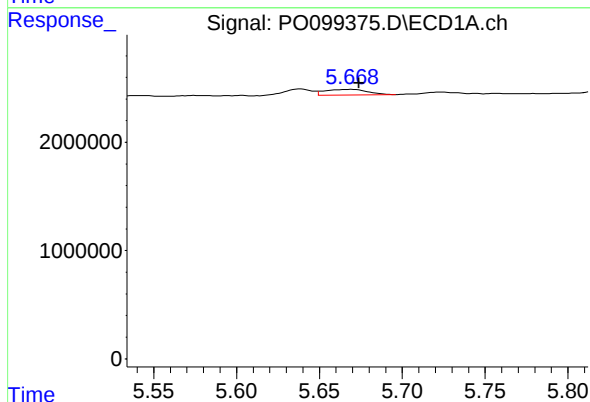
R.T.: 5.638 min
Delta R.T.: -0.013 min
Response: 712897
Conc: 12.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



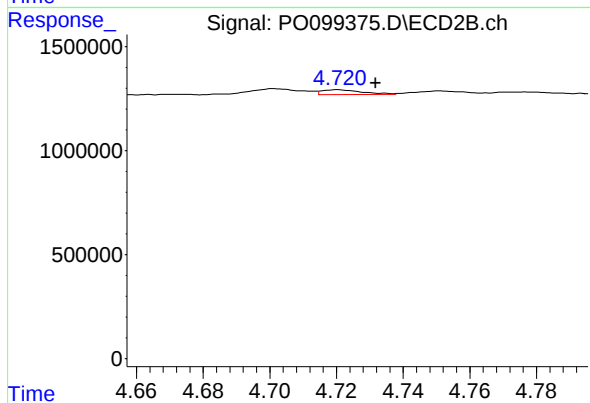
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 198878
Conc: 8.88 ng/ml



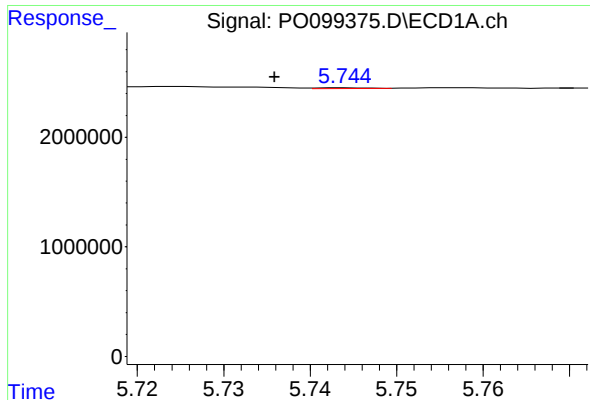
#4 AR-1016-2

R.T.: 5.668 min
Delta R.T.: -0.006 min
Response: 964409
Conc: 11.66 ng/ml



#4 AR-1016-2

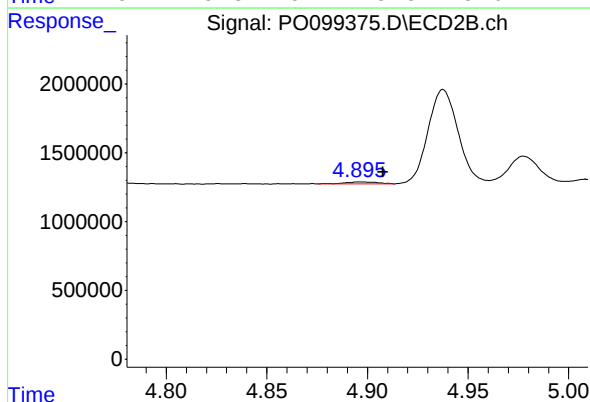
R.T.: 4.720 min
Delta R.T.: -0.012 min
Response: 198878
Conc: 6.36 ng/ml



#5 AR-1016-3

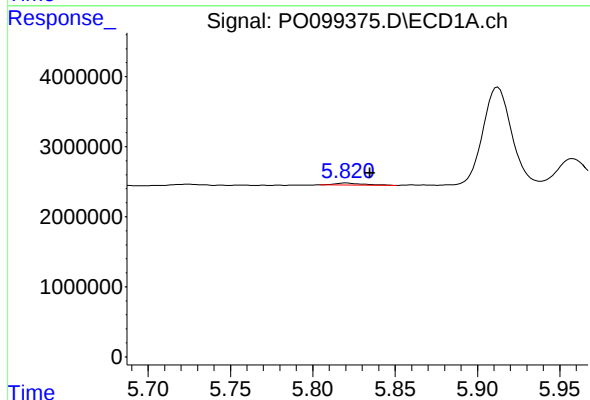
R.T.: 5.744 min
Delta R.T.: 0.008 min
Response: 30326
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



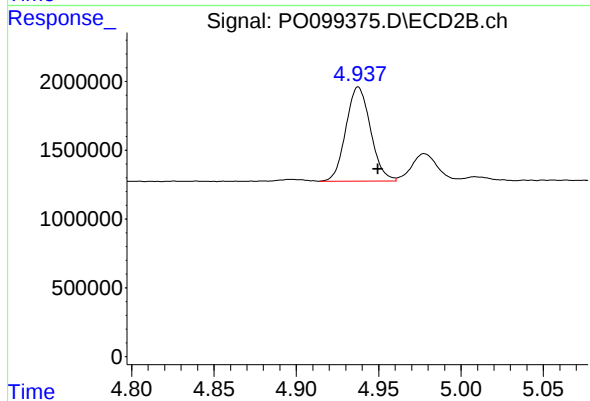
#5 AR-1016-3

R.T.: 4.897 min
Delta R.T.: -0.011 min
Response: 142169
Conc: 8.40 ng/ml



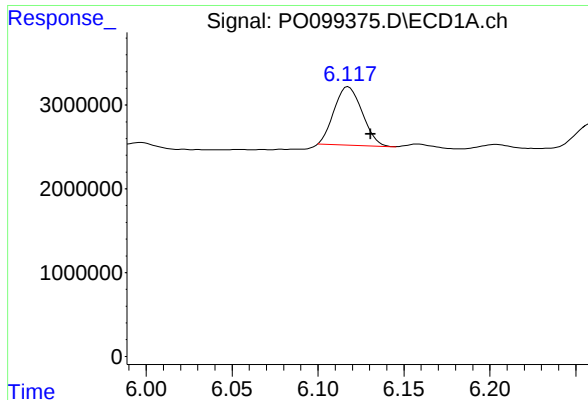
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: -0.014 min
Response: 337418
Conc: 8.30 ng/ml



#6 AR-1016-4

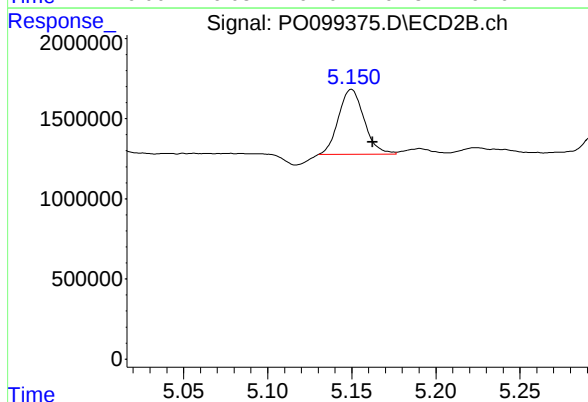
R.T.: 4.938 min
Delta R.T.: -0.012 min
Response: 7131562
Conc: 493.27 ng/ml



#7 AR-1016-5

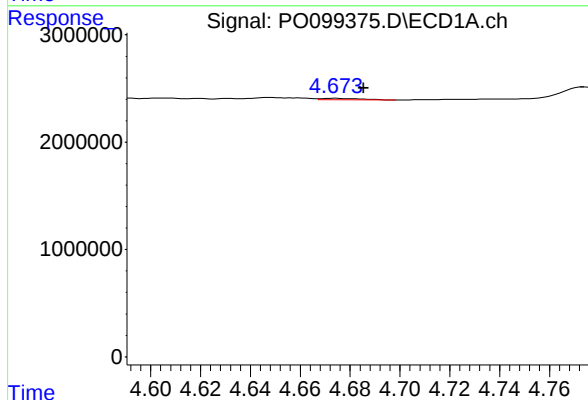
R.T.: 6.118 min
Delta R.T.: -0.013 min
Response: 7916673
Conc: 186.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



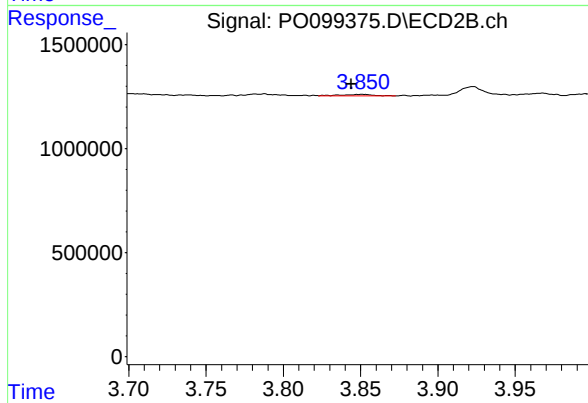
#7 AR-1016-5

R.T.: 5.150 min
Delta R.T.: -0.013 min
Response: 4317417
Conc: 231.10 ng/ml



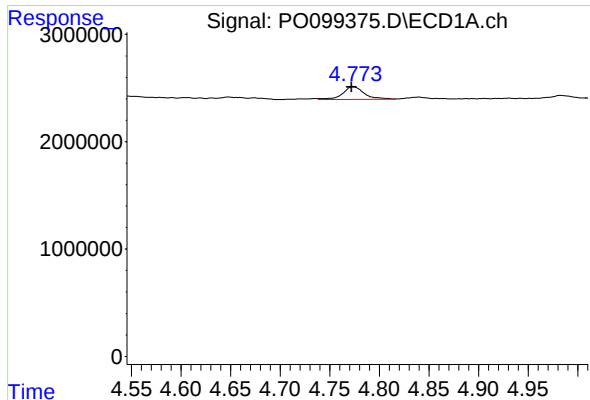
#8 AR-1221-1

R.T.: 4.673 min
Delta R.T.: -0.012 min
Response: 139657
Conc: 5.62 ng/ml



#8 AR-1221-1

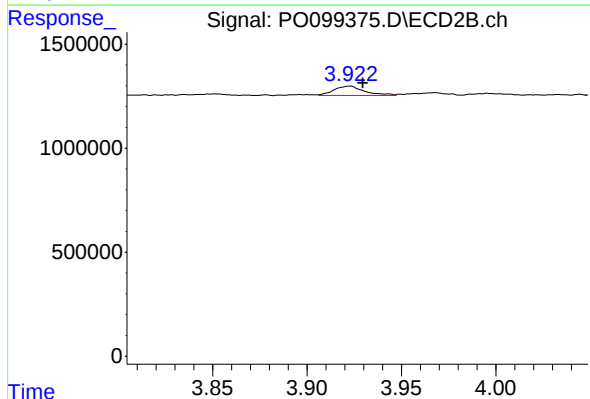
R.T.: 3.851 min
Delta R.T.: 0.007 min
Response: 114206
Conc: 12.29 ng/ml



#9 AR-1221-2

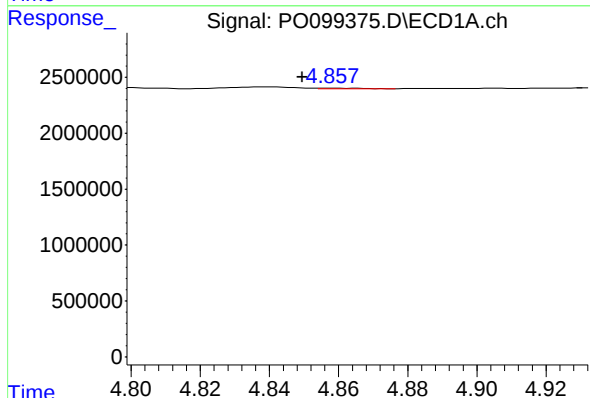
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 1775855
Conc: 96.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



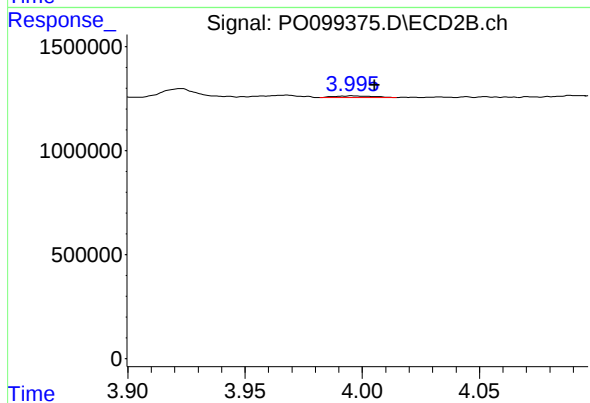
#9 AR-1221-2

R.T.: 3.922 min
Delta R.T.: -0.007 min
Response: 496080
Conc: 76.51 ng/ml



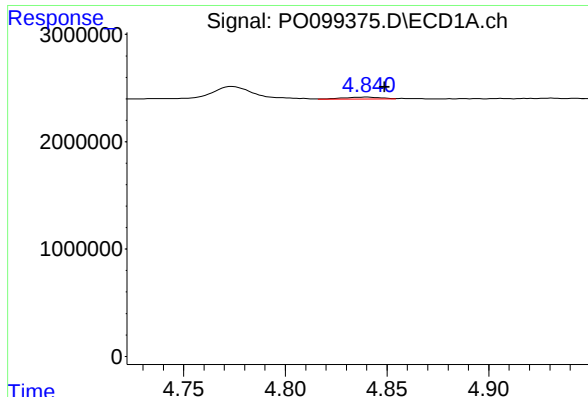
#10 AR-1221-3

R.T.: 4.858 min
Delta R.T.: 0.009 min
Response: 44435
Conc: 0.82 ng/ml



#10 AR-1221-3

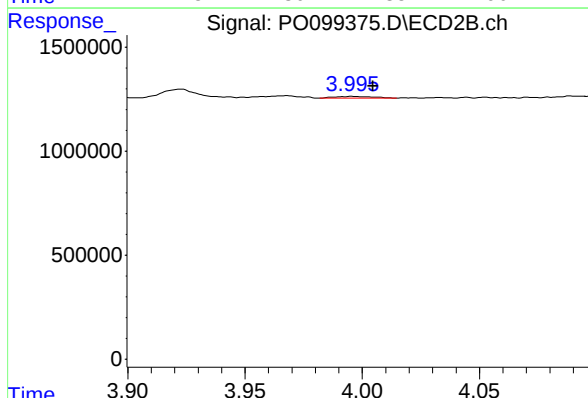
R.T.: 3.996 min
Delta R.T.: -0.010 min
Response: 94686
Conc: 4.68 ng/ml



#11 AR-1232-1

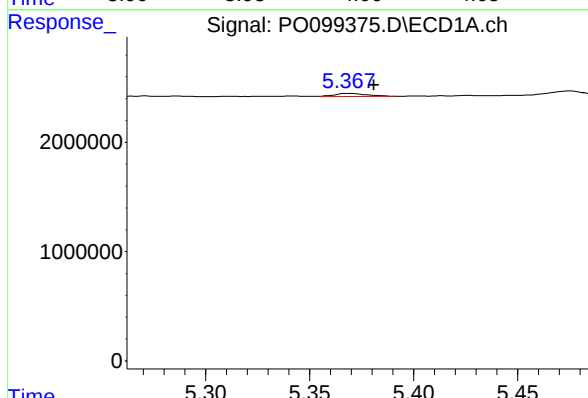
R.T.: 4.840 min
Delta R.T.: -0.009 min
Response: 234019
Conc: 5.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



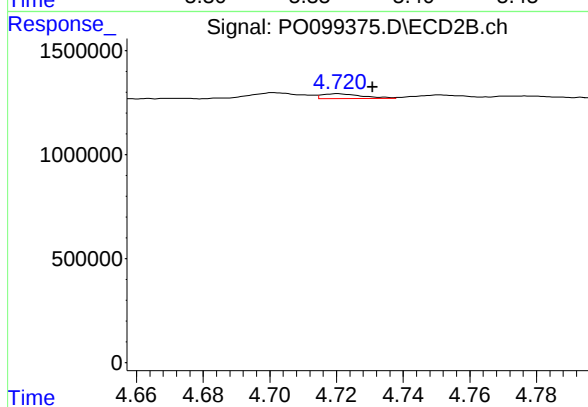
#11 AR-1232-1

R.T.: 3.996 min
Delta R.T.: -0.009 min
Response: 94686
Conc: 5.52 ng/ml



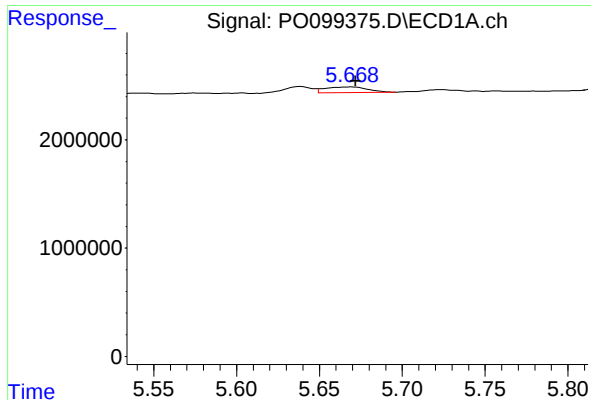
#12 AR-1232-2

R.T.: 5.369 min
Delta R.T.: -0.012 min
Response: 299481
Conc: 12.68 ng/ml



#12 AR-1232-2

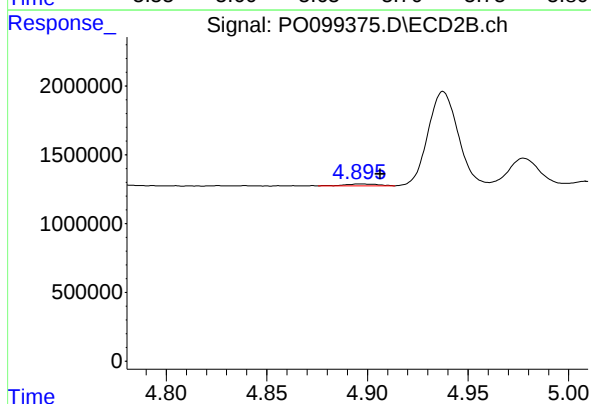
R.T.: 4.720 min
Delta R.T.: -0.011 min
Response: 198878
Conc: 12.98 ng/ml



#13 AR-1232-3

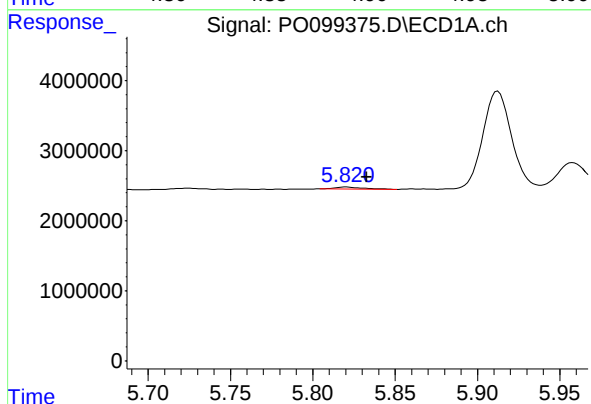
R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 964409
Conc: 24.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



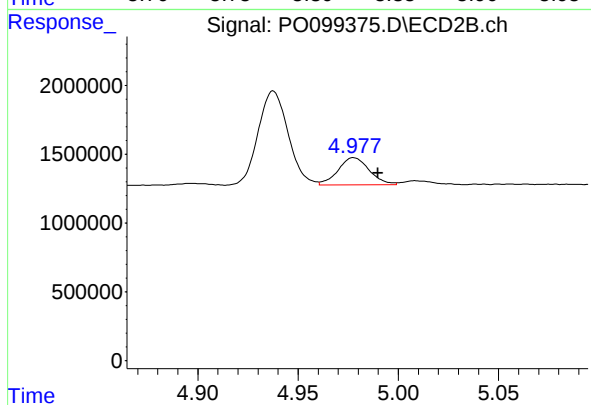
#13 AR-1232-3

R.T.: 4.897 min
Delta R.T.: -0.010 min
Response: 142169
Conc: 17.77 ng/ml



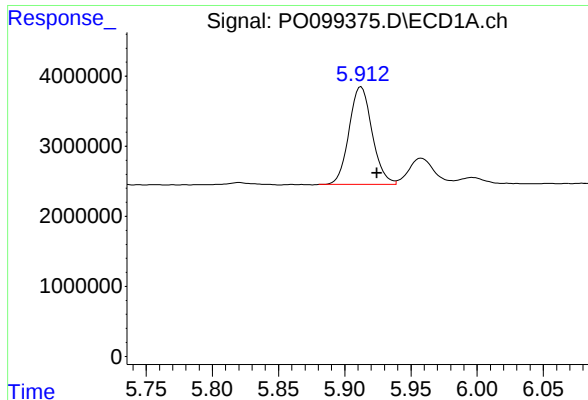
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: -0.012 min
Response: 337418
Conc: 17.69 ng/ml



#14 AR-1232-4

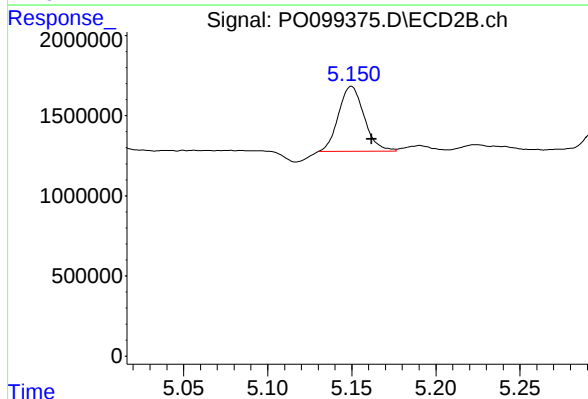
R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2154430
Conc: 280.02 ng/ml



#15 AR-1232-5

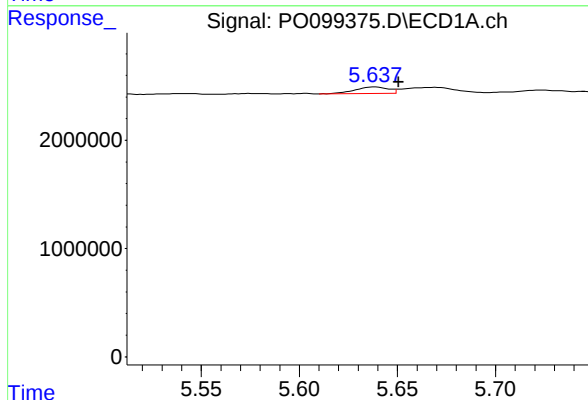
R.T.: 5.912 min
Delta R.T.: -0.012 min
Response: 16891942
Conc: 1014.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



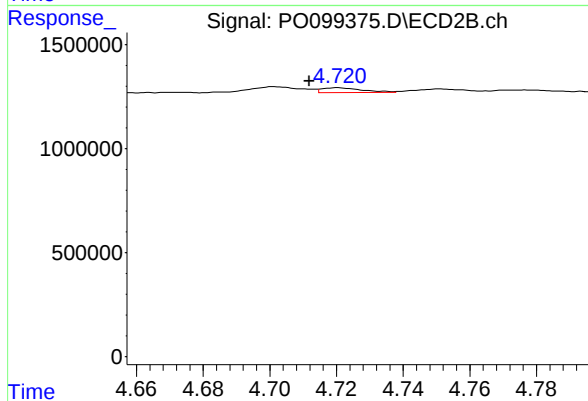
#15 AR-1232-5

R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 4317417
Conc: 507.60 ng/ml



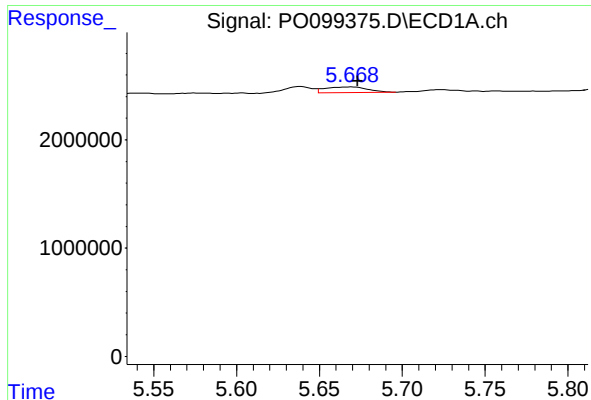
#16 AR-1242-1

R.T.: 5.638 min
Delta R.T.: -0.013 min
Response: 712897
Conc: 16.47 ng/ml



#16 AR-1242-1

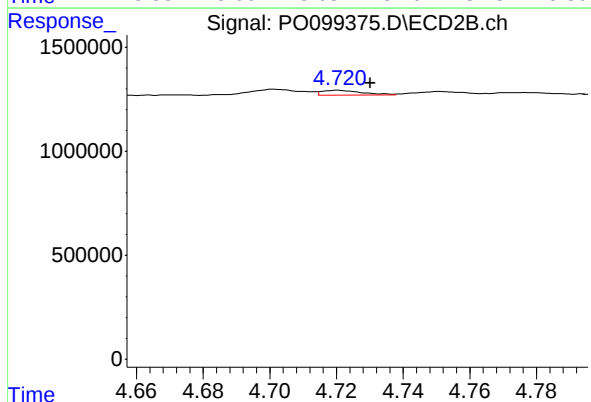
R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 198878
Conc: 11.32 ng/ml



#17 AR-1242-2

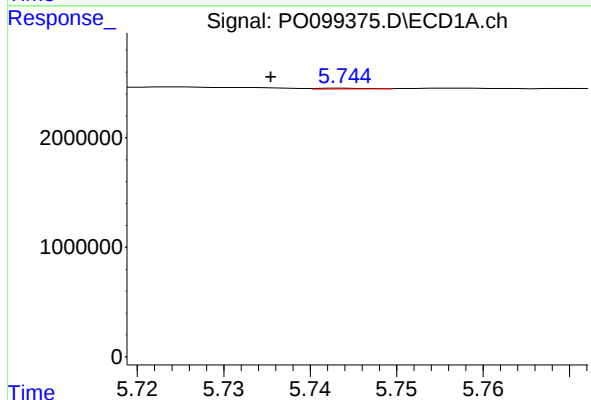
R.T.: 5.668 min
Delta R.T.: -0.005 min
Response: 964409
Conc: 15.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



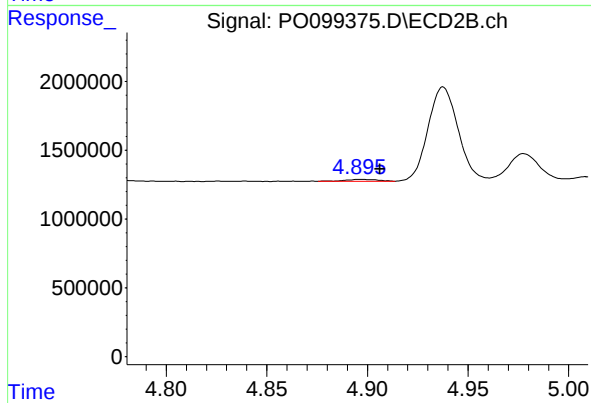
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.010 min
Response: 198878
Conc: 8.21 ng/ml



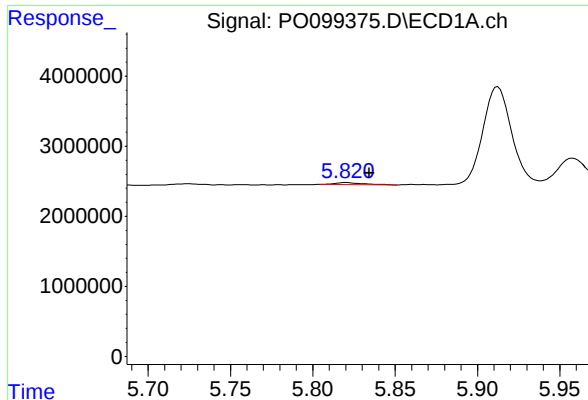
#18 AR-1242-3

R.T.: 5.744 min
Delta R.T.: 0.009 min
Response: 30326
Conc: 0.75 ng/ml



#18 AR-1242-3

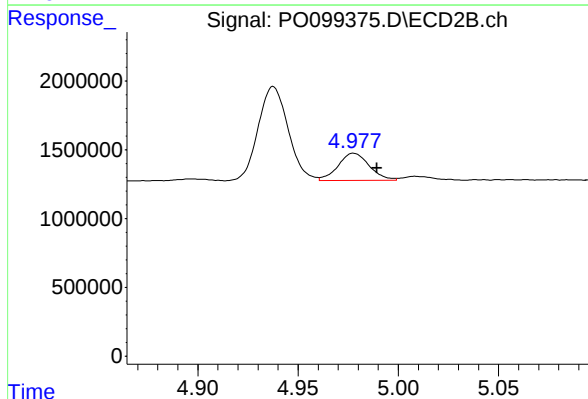
R.T.: 4.897 min
Delta R.T.: -0.010 min
Response: 142169
Conc: 11.09 ng/ml



#19 AR-1242-4

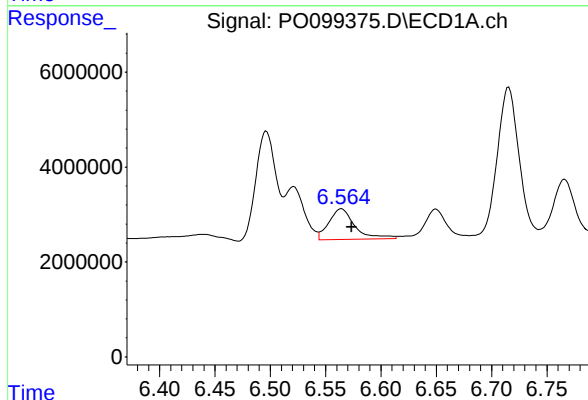
R.T.: 5.820 min
Delta R.T.: -0.014 min
Response: 337418
Conc: 10.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



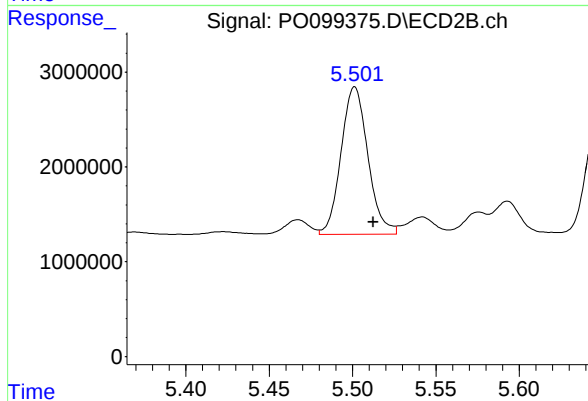
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2154430
Conc: 153.05 ng/ml



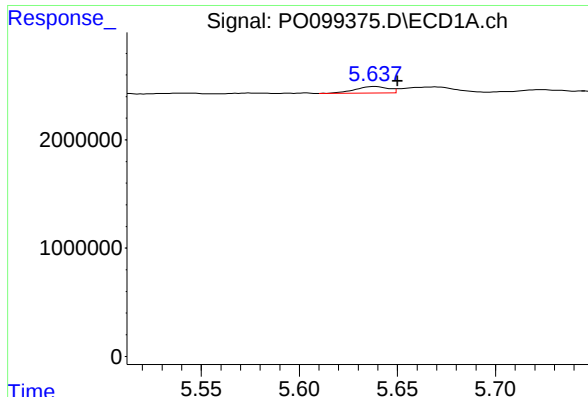
#20 AR-1242-5

R.T.: 6.564 min
Delta R.T.: -0.009 min
Response: 10667618
Conc: 345.81 ng/ml



#20 AR-1242-5

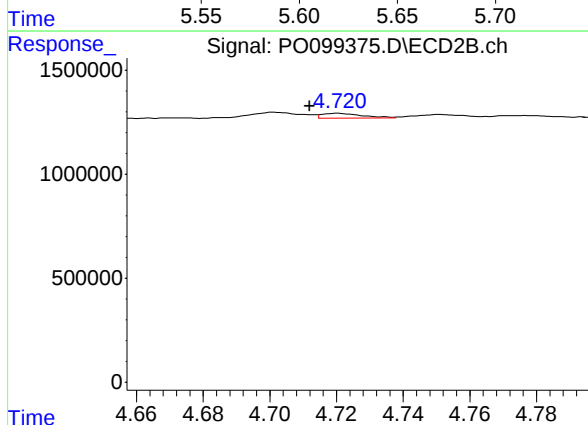
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 17404383
Conc: 1041.48 ng/ml



#21 AR-1248-1

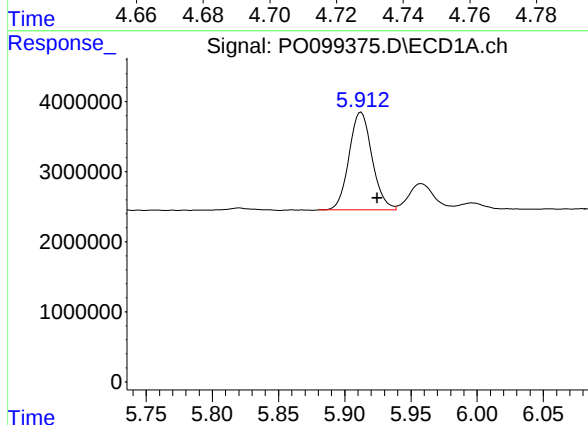
R.T.: 5.638 min
Delta R.T.: -0.012 min
Response: 712897
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



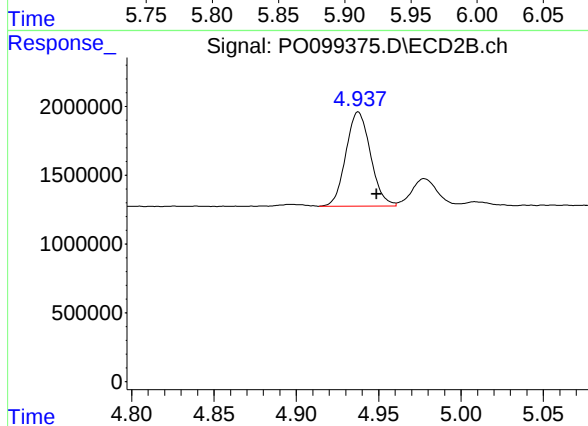
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.008 min
Response: 198878
Conc: 14.35 ng/ml



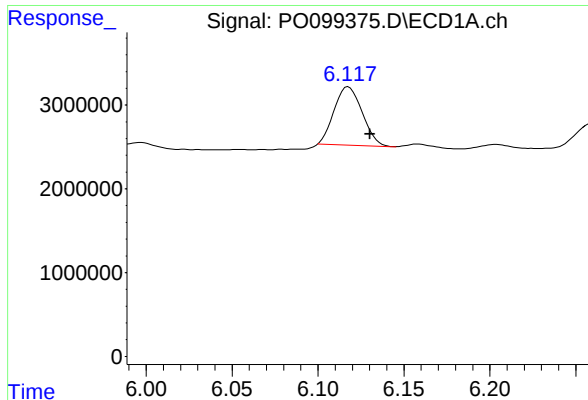
#22 AR-1248-2

R.T.: 5.912 min
Delta R.T.: -0.012 min
Response: 16891942
Conc: 322.78 ng/ml



#22 AR-1248-2

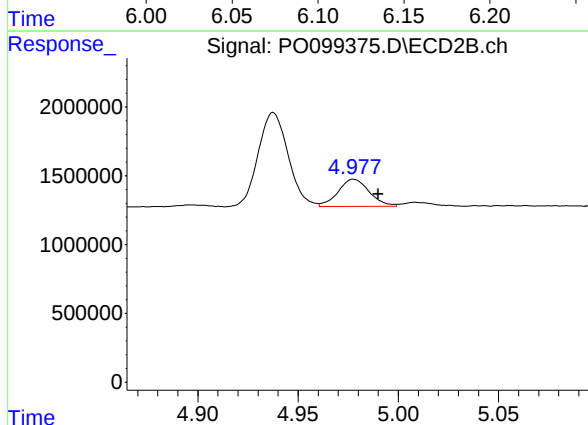
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 7131562
Conc: 359.03 ng/ml



#23 AR-1248-3

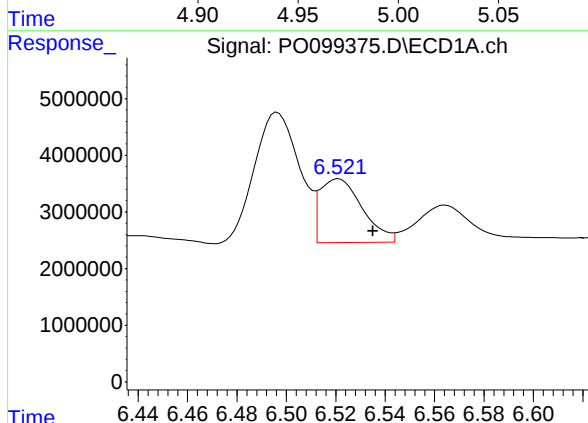
R.T.: 6.118 min
Delta R.T.: -0.012 min
Response: 7916673
Conc: 138.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



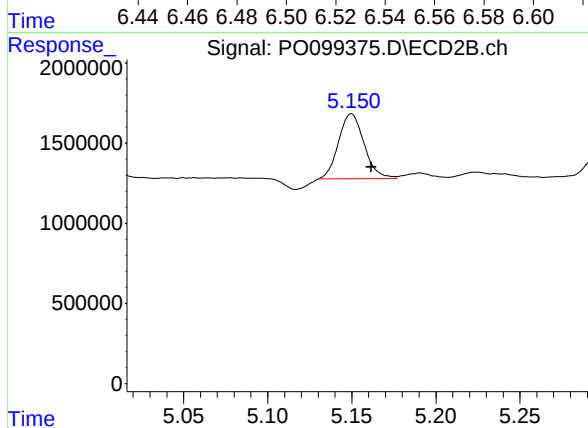
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.012 min
Response: 2154430
Conc: 103.31 ng/ml



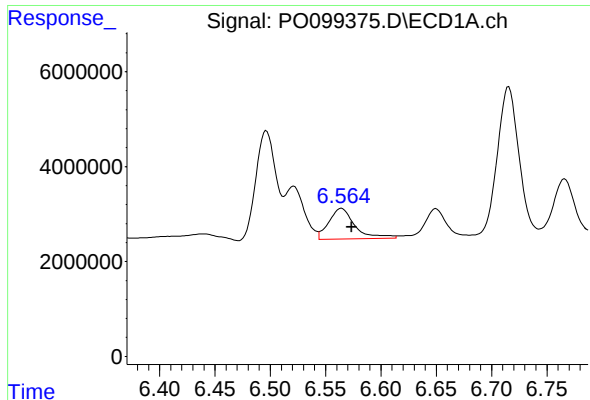
#24 AR-1248-4

R.T.: 6.521 min
Delta R.T.: -0.014 min
Response: 13421423
Conc: 246.12 ng/ml



#24 AR-1248-4

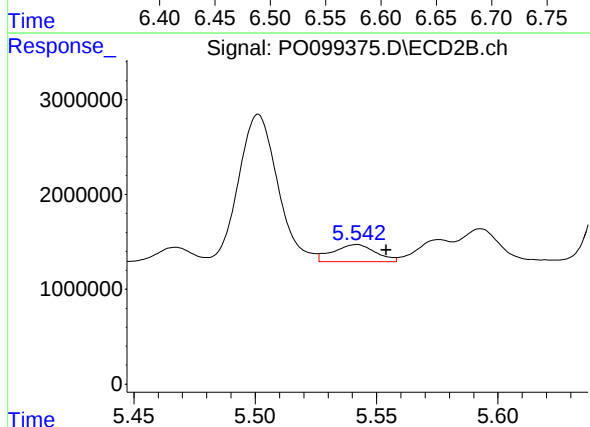
R.T.: 5.150 min
Delta R.T.: -0.012 min
Response: 4317417
Conc: 175.62 ng/ml



#25 AR-1248-5

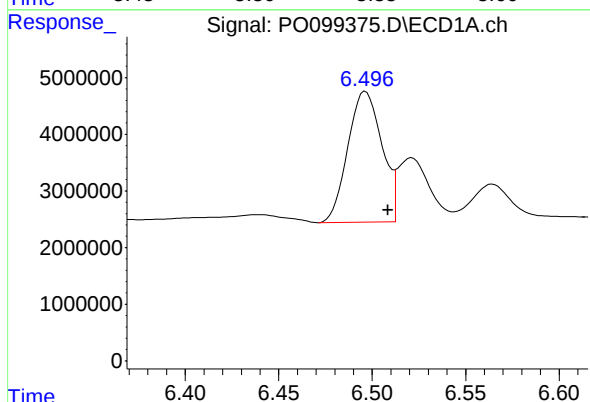
R.T.: 6.564 min
Delta R.T.: -0.009 min
Response: 10667618
Conc: 187.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



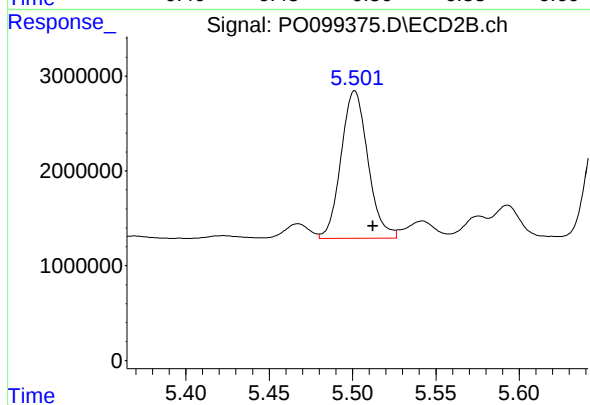
#25 AR-1248-5

R.T.: 5.542 min
Delta R.T.: -0.012 min
Response: 2193932
Conc: 101.02 ng/ml



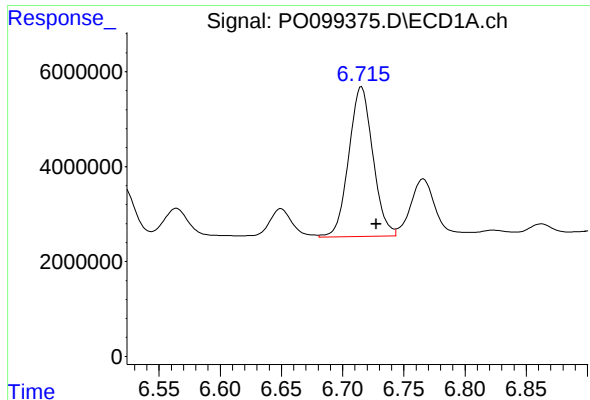
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: -0.012 min
Response: 29378139
Conc: 446.29 ng/ml



#26 AR-1254-1

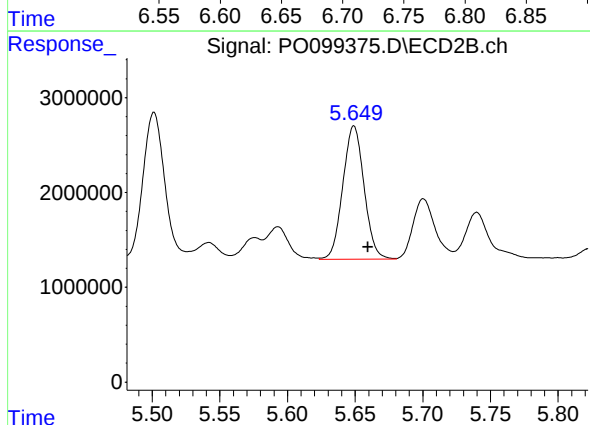
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 17404383
Conc: 491.19 ng/ml



#27 AR-1254-2

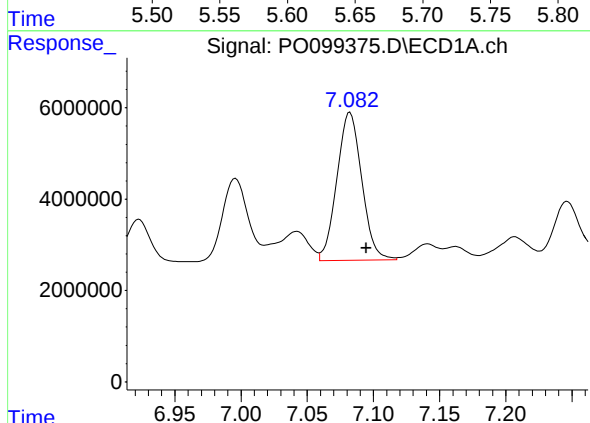
R.T.: 6.715 min
Delta R.T.: -0.012 min
Response: 43267749
Conc: 449.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



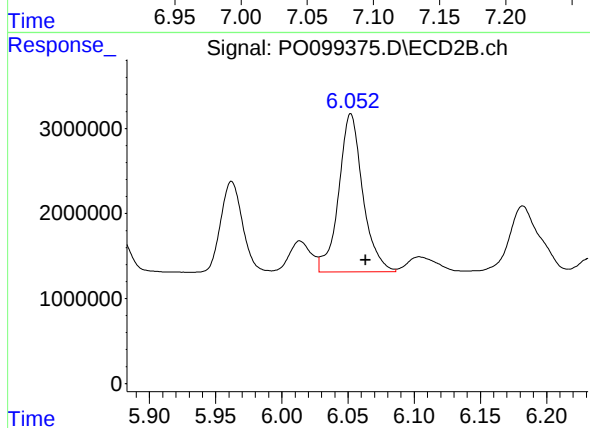
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.010 min
Response: 15396196
Conc: 481.37 ng/ml



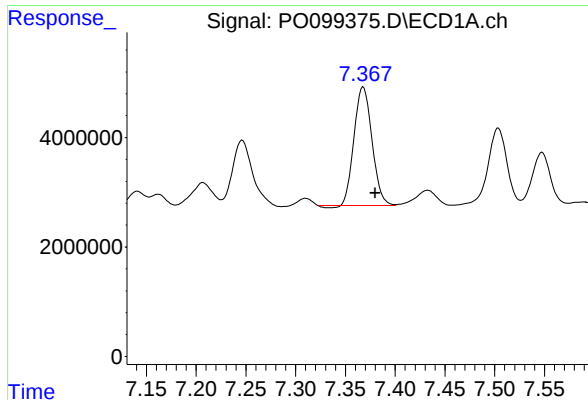
#28 AR-1254-3

R.T.: 7.082 min
Delta R.T.: -0.012 min
Response: 42336159
Conc: 473.65 ng/ml



#28 AR-1254-3

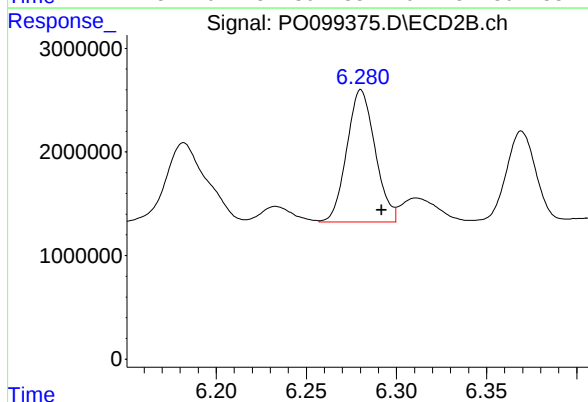
R.T.: 6.052 min
Delta R.T.: -0.011 min
Response: 23620413
Conc: 483.16 ng/ml



#29 AR-1254-4

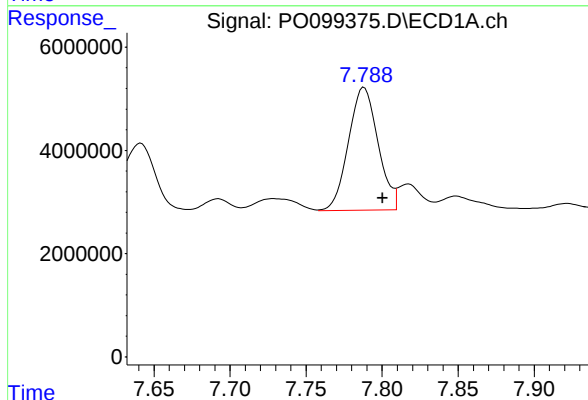
R.T.: 7.368 min
Delta R.T.: -0.012 min
Response: 27005712
Conc: 492.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



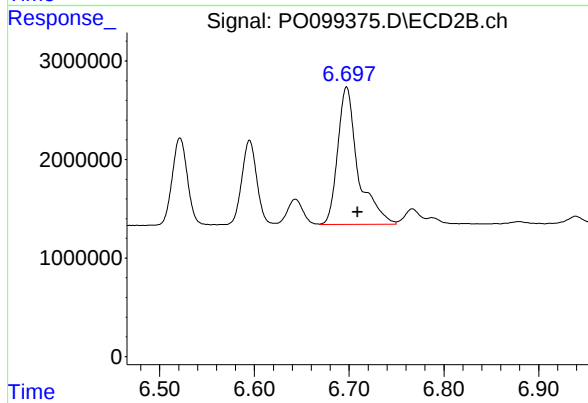
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.012 min
Response: 13968178
Conc: 533.00 ng/ml



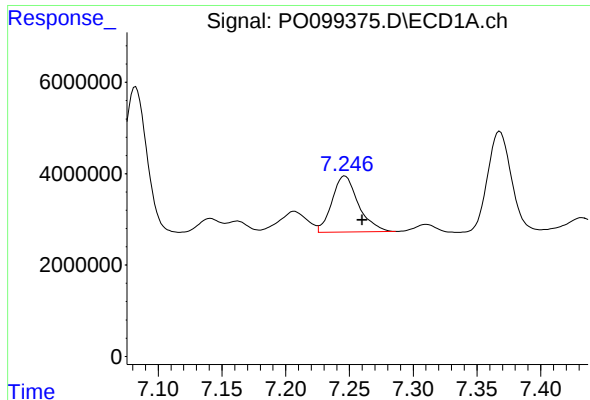
#30 AR-1254-5

R.T.: 7.788 min
Delta R.T.: -0.012 min
Response: 32222141
Conc: 478.54 ng/ml



#30 AR-1254-5

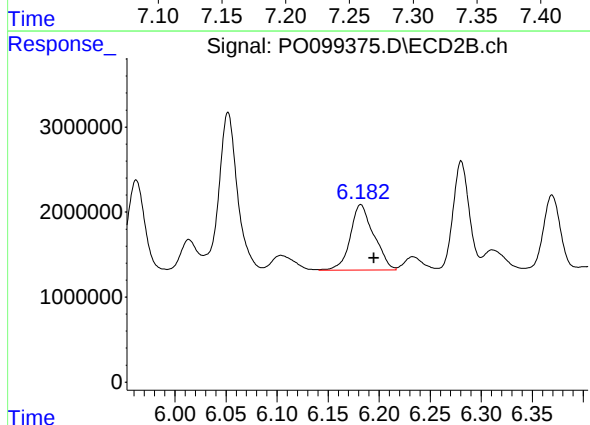
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 20852260
Conc: 494.66 ng/ml



#31 AR-1260-1

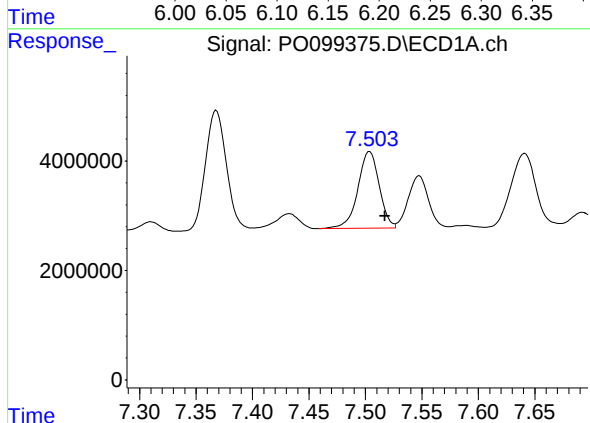
R.T.: 7.246 min
Delta R.T.: -0.013 min
Response: 17651900
Conc: 246.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



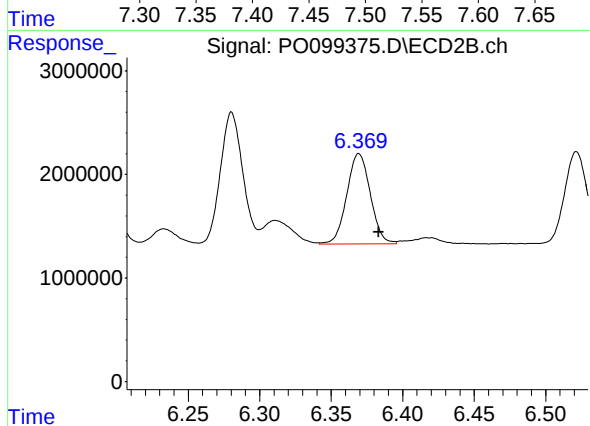
#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: -0.013 min
Response: 12310950
Conc: 349.00 ng/ml



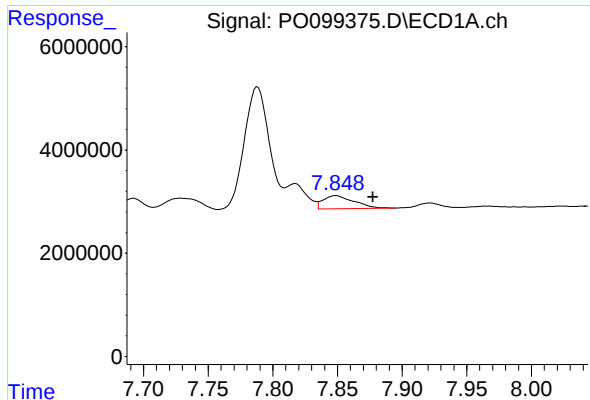
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: -0.014 min
Response: 18468796
Conc: 234.09 ng/ml



#32 AR-1260-2

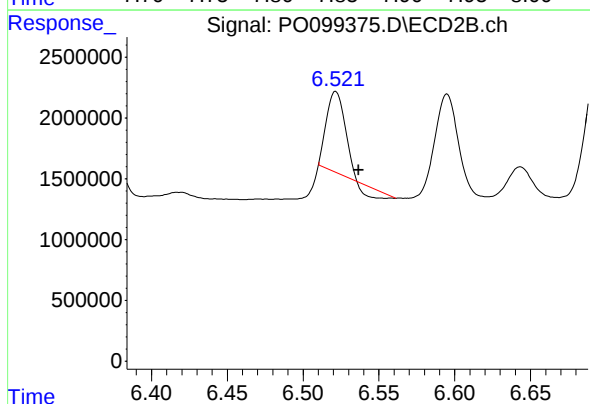
R.T.: 6.369 min
Delta R.T.: -0.014 min
Response: 10013539
Conc: 249.80 ng/ml



#33 AR-1260-3

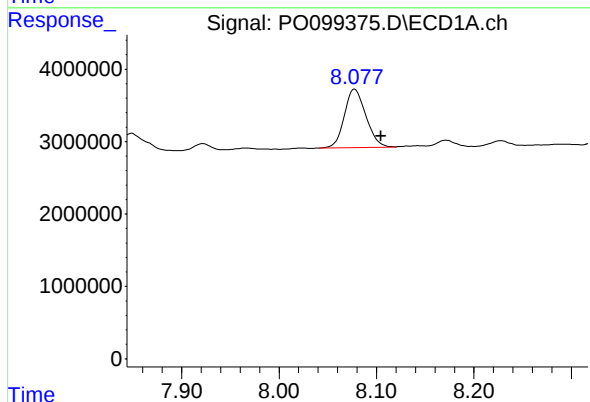
R.T.: 7.849 min
Delta R.T.: -0.028 min
Response: 4271748
Conc: 78.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



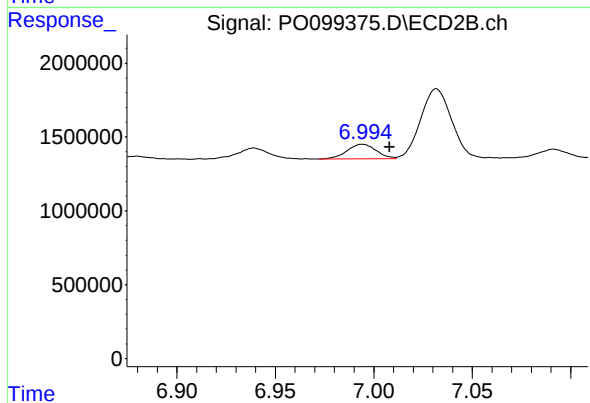
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.015 min
Response: 4974952
Conc: 131.57 ng/ml



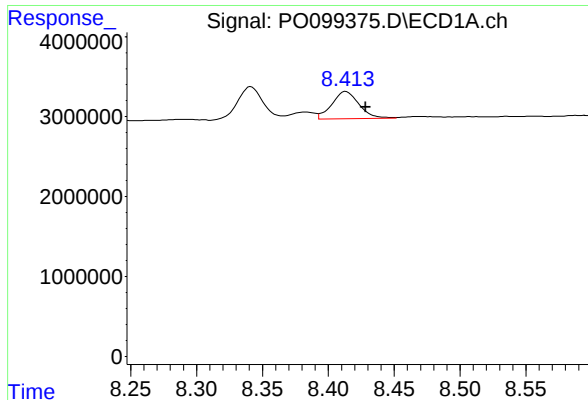
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.027 min
Response: 12449070
Conc: 198.69 ng/ml



#34 AR-1260-4

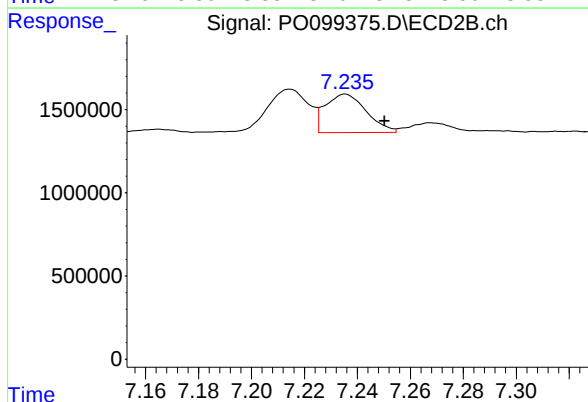
R.T.: 6.994 min
Delta R.T.: -0.014 min
Response: 1028343
Conc: 35.59 ng/ml



#35 AR-1260-5

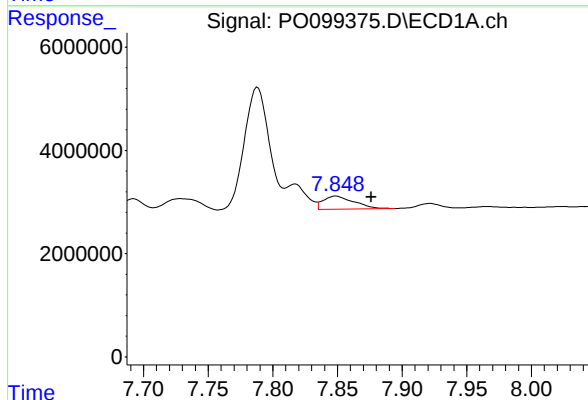
R.T.: 8.413 min
Delta R.T.: -0.015 min
Response: 4859417
Conc: 45.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



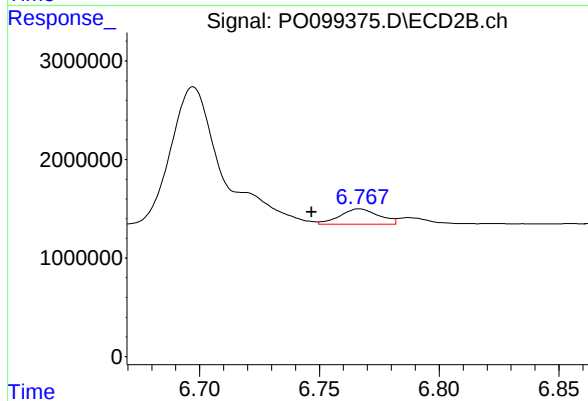
#35 AR-1260-5

R.T.: 7.235 min
Delta R.T.: -0.015 min
Response: 2481286
Conc: 41.23 ng/ml



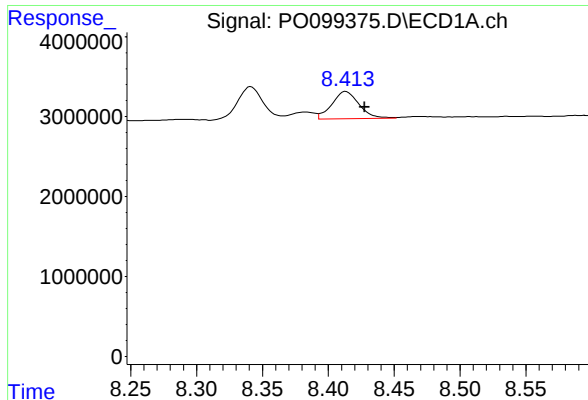
#36 AR-1262-1

R.T.: 7.849 min
Delta R.T.: -0.027 min
Response: 4271748
Conc: 47.20 ng/ml



#36 AR-1262-1

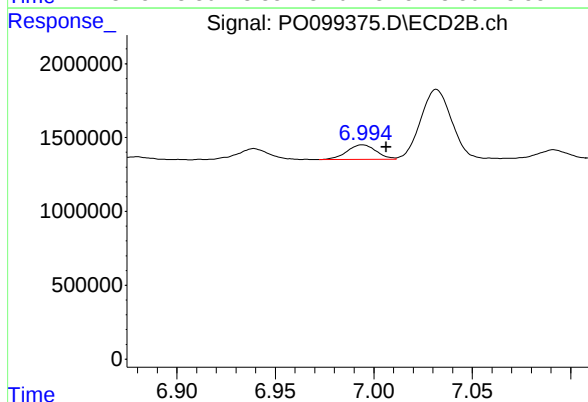
R.T.: 6.767 min
Delta R.T.: 0.020 min
Response: 1765145
Conc: 37.62 ng/ml



#37 AR-1262-2

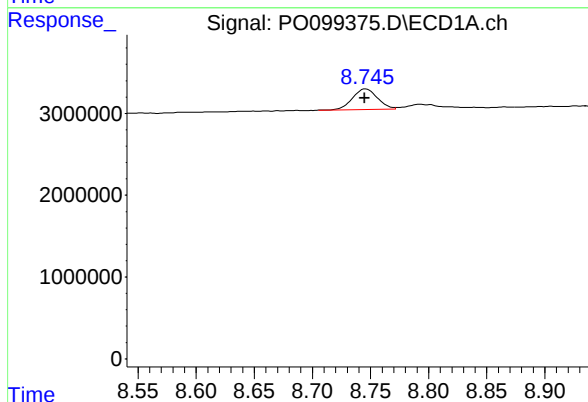
R.T.: 8.413 min
Delta R.T.: -0.014 min
Response: 4859417
Conc: 36.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



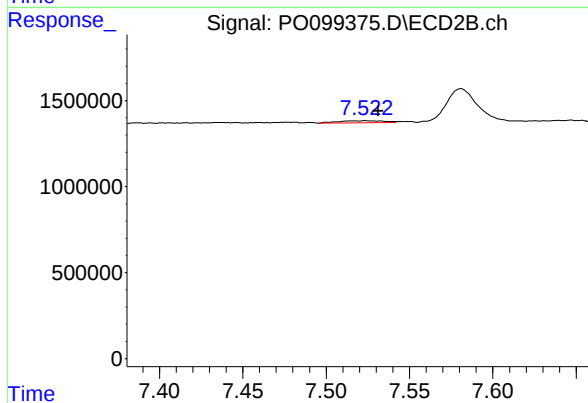
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.012 min
Response: 1028343
Conc: 24.77 ng/ml



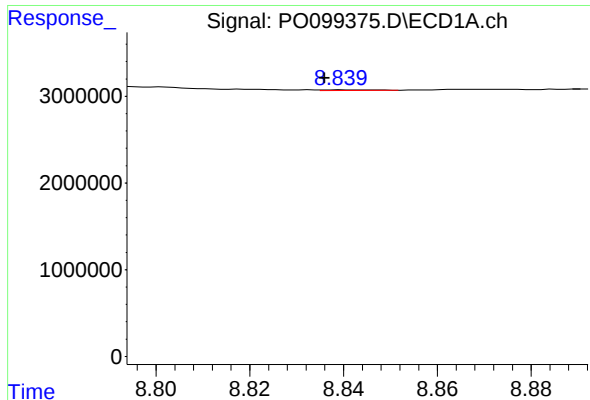
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 3784761
Conc: 38.49 ng/ml



#38 AR-1262-3

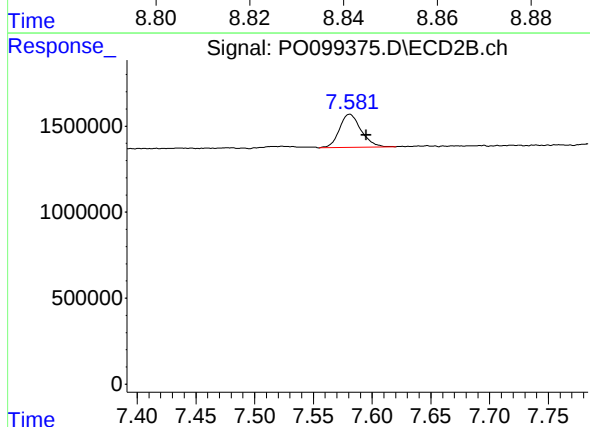
R.T.: 7.523 min
Delta R.T.: -0.008 min
Response: 225138
Conc: 7.05 ng/ml



#39 AR-1262-4

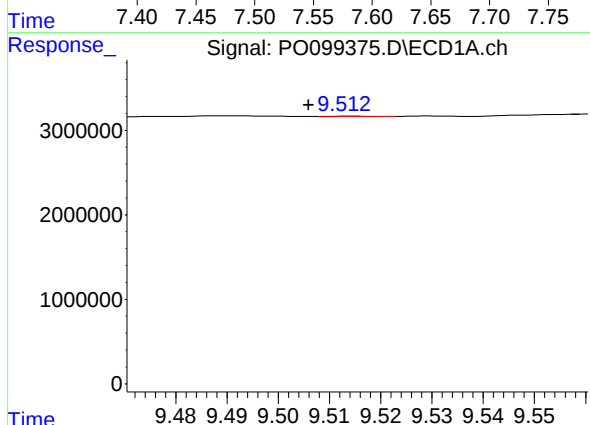
R.T.: 8.839 min
Delta R.T.: 0.003 min
Response: 50252
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



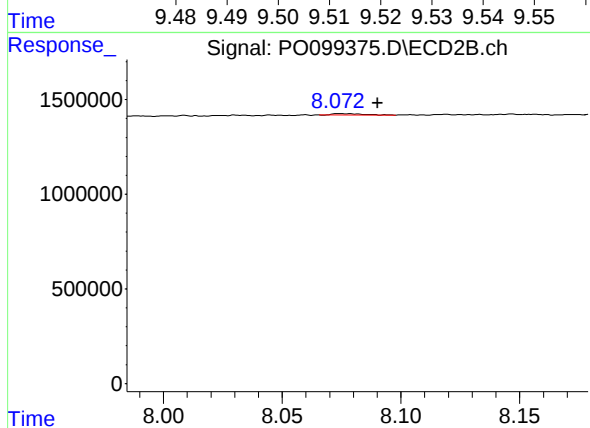
#39 AR-1262-4

R.T.: 7.581 min
Delta R.T.: -0.014 min
Response: 2482765
Conc: 45.16 ng/ml



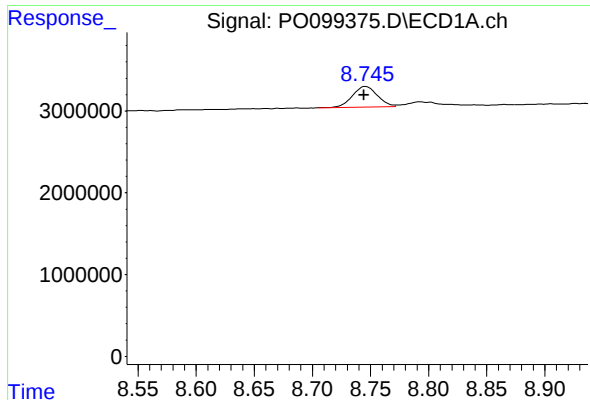
#40 AR-1262-5

R.T.: 9.513 min
Delta R.T.: 0.007 min
Response: 33124
Conc: 0.75 ng/ml



#40 AR-1262-5

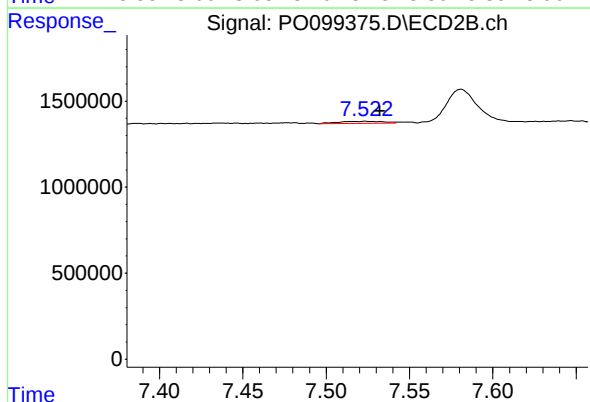
R.T.: 8.074 min
Delta R.T.: -0.016 min
Response: 64389
Conc: 2.56 ng/ml



#41 AR-1268-1

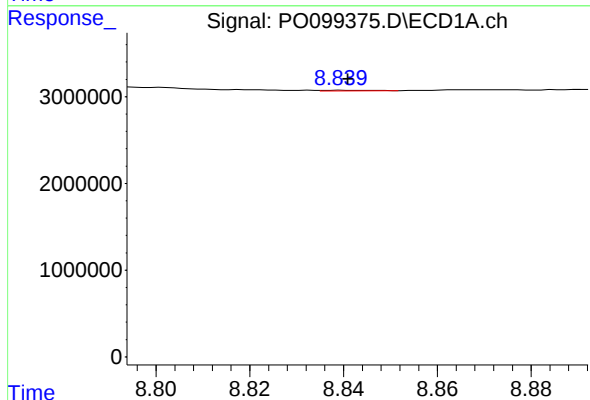
R.T.: 8.746 min
Delta R.T.: 0.001 min
Response: 3784761
Conc: 21.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



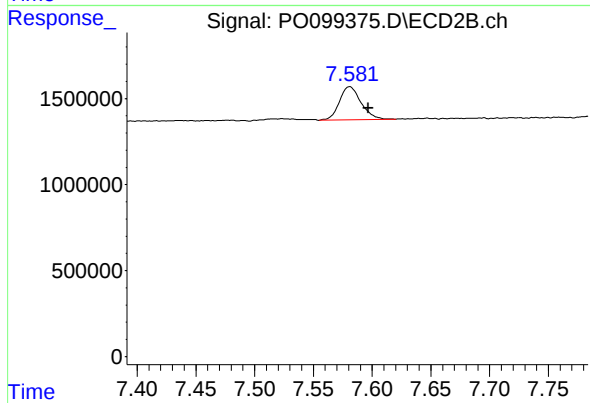
#41 AR-1268-1

R.T.: 7.523 min
Delta R.T.: -0.009 min
Response: 225138
Conc: 2.52 ng/ml



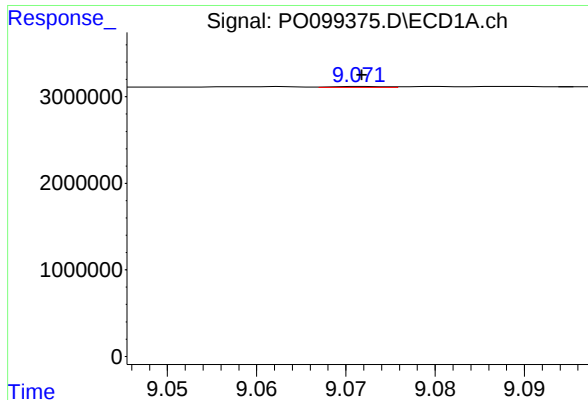
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: -0.002 min
Response: 50252
Conc: 0.32 ng/ml



#42 AR-1268-2

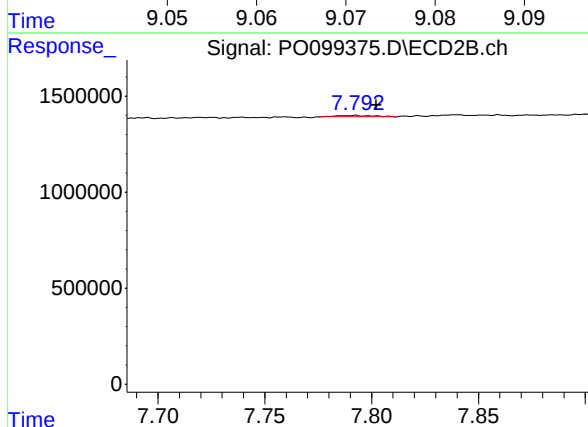
R.T.: 7.581 min
Delta R.T.: -0.016 min
Response: 2482765
Conc: 31.44 ng/ml



#43 AR-1268-3

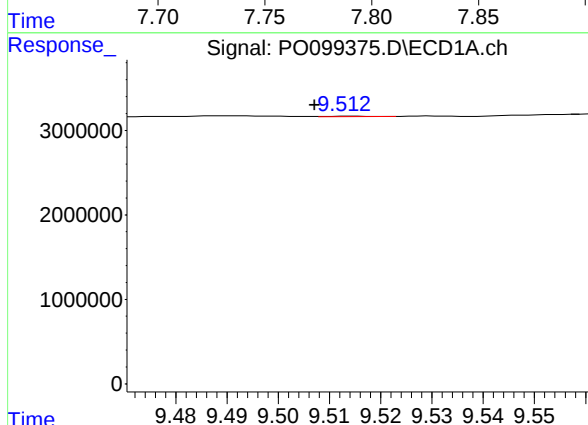
R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 38325
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



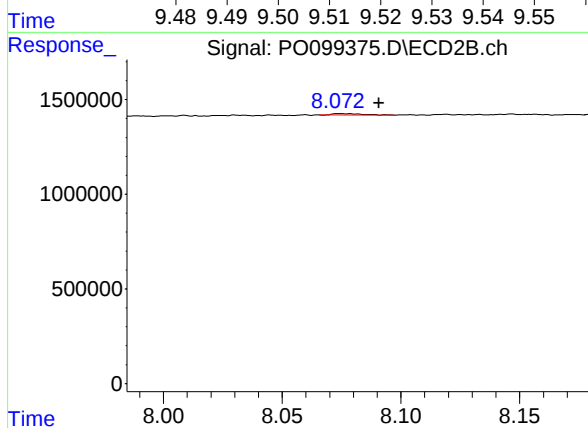
#43 AR-1268-3

R.T.: 7.792 min
Delta R.T.: -0.010 min
Response: 91124
Conc: 1.29 ng/ml



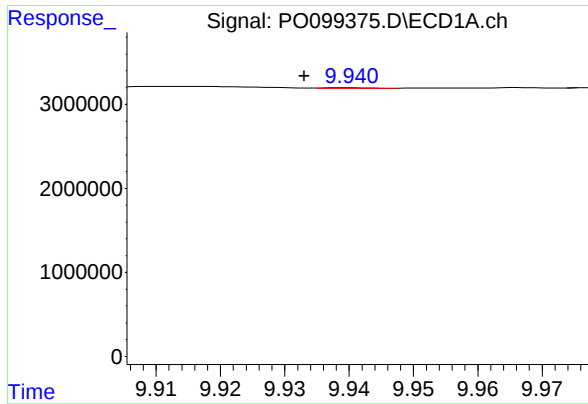
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.006 min
Response: 33124
Conc: 0.66 ng/ml



#44 AR-1268-4

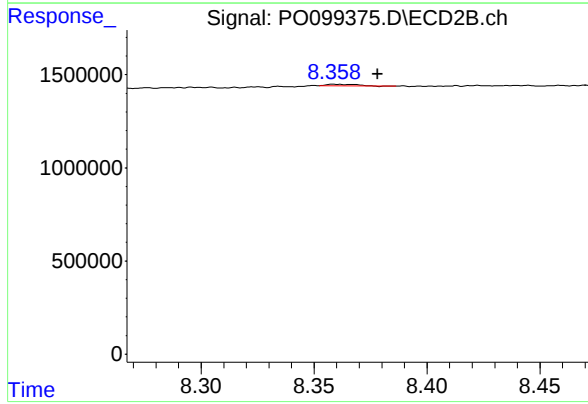
R.T.: 8.074 min
Delta R.T.: -0.017 min
Response: 64389
Conc: 2.34 ng/ml



#45 AR-1268-5

R.T.: 9.940 min
Delta R.T.: 0.007 min
Response: 27346
Conc: 0.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.359 min
Delta R.T.: -0.019 min
Response: 79600
Conc: 0.42 ng/ml