

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091418\
 Data File : P0048998.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Sep 2018 17:01
 Operator : SM/SJ
 Sample : J4898-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 23:01:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 12 08:13:07 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.395	3.525	8930168	7675599	54.509	42.074
2) SA Decachlor...	10.107	8.459	4309837	5180121	19.345	27.915 #
Target Compounds						
3) L1 AR-1016-1	5.092	4.226	12721876	2507020	2806.511	493.800 #
4) L1 AR-1016-2	5.302	4.657	13464071	2668386	2837.656	344.655 #
5) L1 AR-1016-3	5.574	4.657	8222522	2668386	1137.453	258.315 #
6) L1 AR-1016-4	5.665	4.657	1069301	2668386	170.074	358.912 #
7) L1 AR-1016-5	6.034	5.024	21896663	2631784	4119.323	379.358 #
8) L2 AR-1221-1	0.000	3.771	0	1003528	N.D.	494.185 #
9) L2 AR-1221-2	4.720	3.833	-8244	252934	N.D.	163.637 #
10) L2 AR-1221-3	4.778	3.955	-326847	998223	N.D.	209.427 #
11) L3 AR-1232-1	5.524	4.388	13964127	9050059	38567.875	4567.223 #
12) L3 AR-1232-2	5.753	4.476	3616993	3438538	1883.812	5078.326 #
13) L3 AR-1232-3	5.904	4.886	13152786	6069873	24387.071	3234.705 #
14) L3 AR-1232-4	6.240	5.192	14356369	8599351	29823.486	4100.843 #
15) L3 AR-1232-5	7.128	5.750	11473800	9356677	37144.976	36742.264
16) L4 AR-1242-1	5.160	4.226	17050759	2507020	10201.216	1327.971 #
17) L4 AR-1242-2	5.904	4.785	13152786	3071325	4041.574	738.457 #
18) L4 AR-1242-3	6.034	4.886	21896663	6069873	13955.078	4147.403 #
19) L4 AR-1242-4	6.179	5.264	9174420	3491428	7632.441	2773.038 #
20) L4 AR-1242-5	6.179	5.676	9174420	16514074	2112.414	4878.821 #
21) L5 AR-1248-1	5.848	4.835	2909732	2748945	523.086	409.862
22) L5 AR-1248-2	6.407	5.394	12707416	8031841	2088.404	631.815 #
23) L5 AR-1248-3	6.461	5.437	12088281	5681250	1506.058	632.882 #
24) L5 AR-1248-4	6.461	5.611	12088281	6869251	1576.407	846.423 #
25) L5 AR-1248-5	6.744	5.941	8220797	4258552	1568.620	679.013 #
26) L6 AR-1254-1	6.623	5.535	13205833	8093431	847.797	610.406 #
27) L6 AR-1254-2	6.888	5.840	4396296	11971605	433.268	1025.751 #
28) L6 AR-1254-3	7.033	6.135	12717833	6066212	709.765	410.744 #
29) L6 AR-1254-4	7.294	6.471	10760750	4551804	778.257	407.310 #
30) L6 AR-1254-5	7.565	6.572	4096788	5924842	405.830	283.036 #
31) L7 AR-1260-1	7.128	6.065	11473800	6513656	917.660	480.152 #
32) L7 AR-1260-2	7.389	6.261	2953022	555518	212.836	32.754 #
33) L7 AR-1260-3	7.732	6.396	889320	3594980	59.243	223.712 #
34) L7 AR-1260-4	8.074	6.855	5389593	4507879	538.620	338.817 #
35) L7 AR-1260-5	0.000	7.109	0	5121952	N.D.	166.609 #
36) L8 AR-1262-1	7.033	5.941	12717833	4258552	1933.365	568.413 #
37) L8 AR-1262-2	0.000	6.667	0	4416637	N.D.	585.855 #
38) L8 AR-1262-3	8.074	6.987	5389593	4067110	1059.859	494.958 #
39) L8 AR-1262-4	8.784	7.385	1314067	5413319	121.589	438.028 #
40) L8 AR-1262-5	0.000	7.912	0	656911	N.D.	64.653 #
41) L9 AR-1268-1	7.732	6.635	889320	3213692	173.905	423.598 #

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 Operator : SM/SJ
 Sample : J4898-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

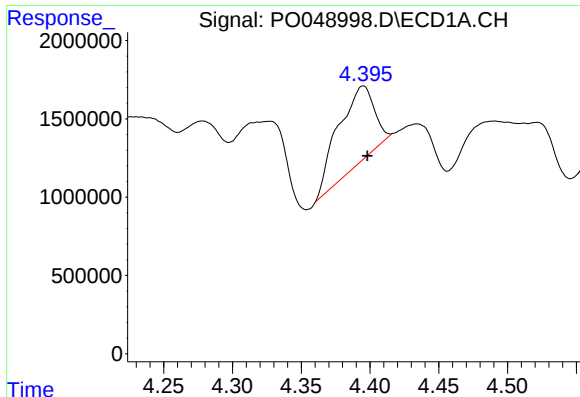
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 23:01:46 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091118.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	8.074	7.464	5389593	2929541	880.886	88.090 #
43) L9	AR-1268-3	8.574	7.658	2386343	383459	91.034	14.047 #
44) L9	AR-1268-4	0.000	7.762	0	16490	N.D.	2.129 #
45) L9	AR-1268-5	0.000	8.199	0	267400	N.D.	3.771 #

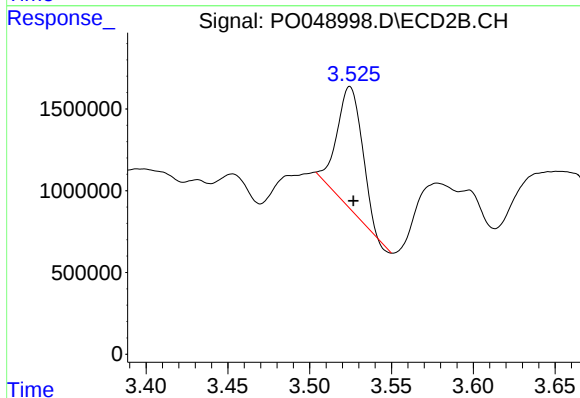
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

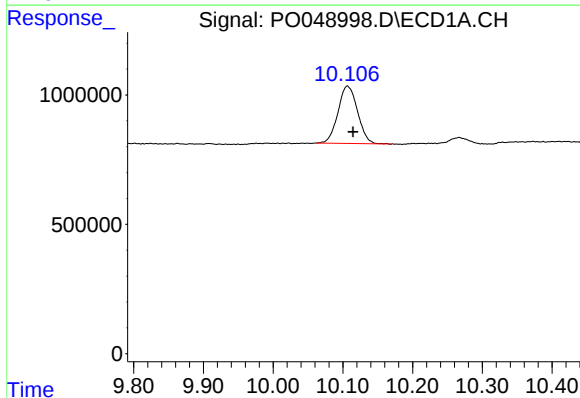
R.T.: 4.395 min
Delta R.T.: -0.003 min
Response: 8930168
Conc: 54.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



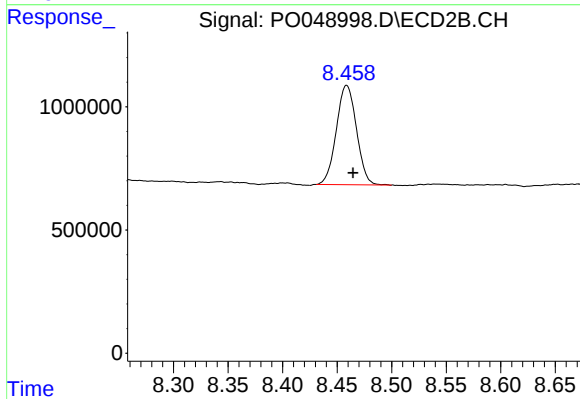
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 7675599
Conc: 42.07 ng/ml



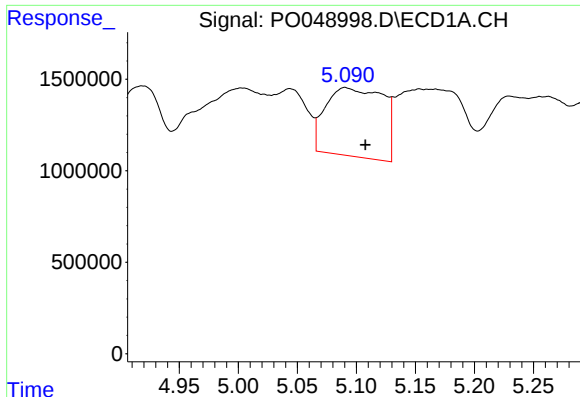
#2 Decachlorobiphenyl

R.T.: 10.107 min
Delta R.T.: -0.007 min
Response: 4309837
Conc: 19.34 ng/ml



#2 Decachlorobiphenyl

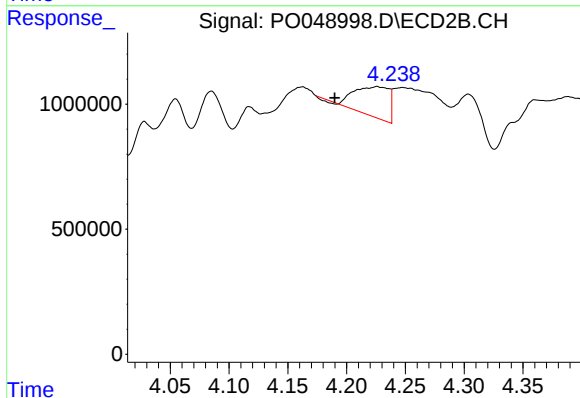
R.T.: 8.459 min
Delta R.T.: -0.006 min
Response: 5180121
Conc: 27.92 ng/ml



#3 AR-1016-1

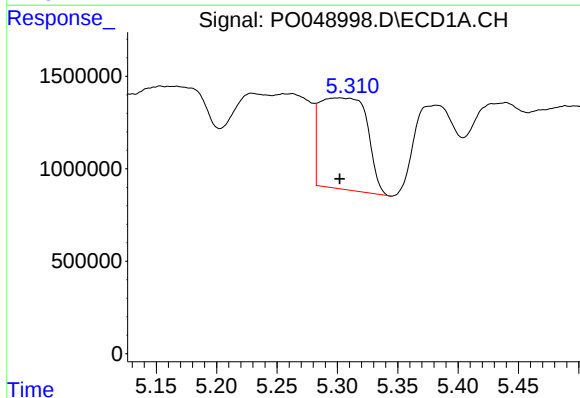
R.T.: 5.092 min
Delta R.T.: -0.015 min
Response: 12721876
Conc: 2806.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



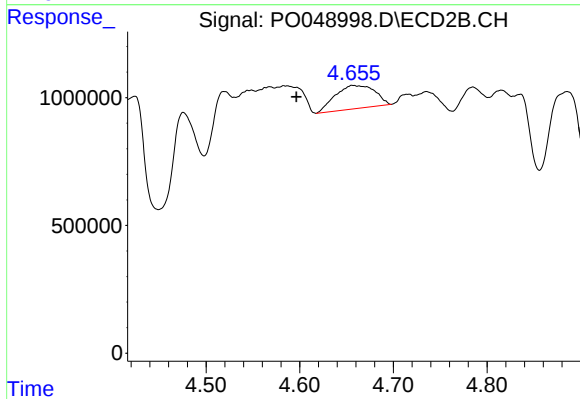
#3 AR-1016-1

R.T.: 4.226 min
Delta R.T.: 0.036 min
Response: 2507020
Conc: 493.80 ng/ml



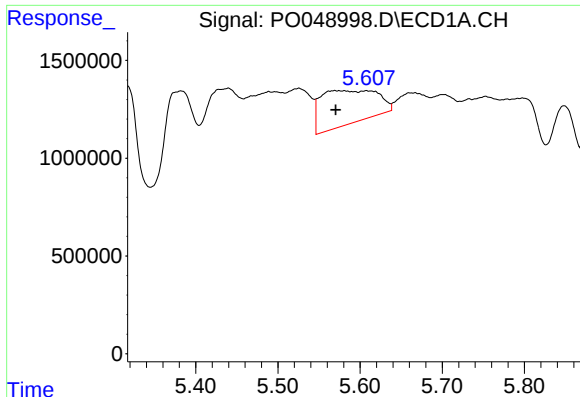
#4 AR-1016-2

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 13464071
Conc: 2837.66 ng/ml



#4 AR-1016-2

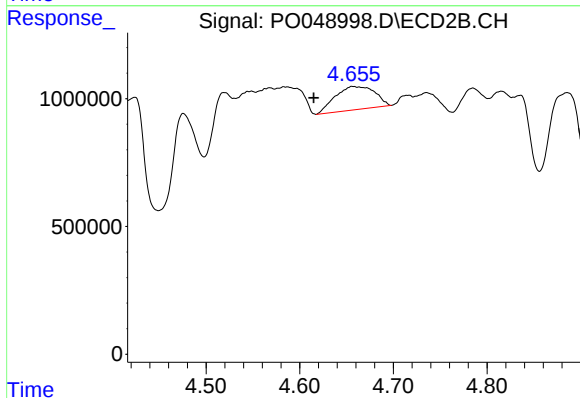
R.T.: 4.657 min
Delta R.T.: 0.061 min
Response: 2668386
Conc: 344.66 ng/ml



#5 AR-1016-3

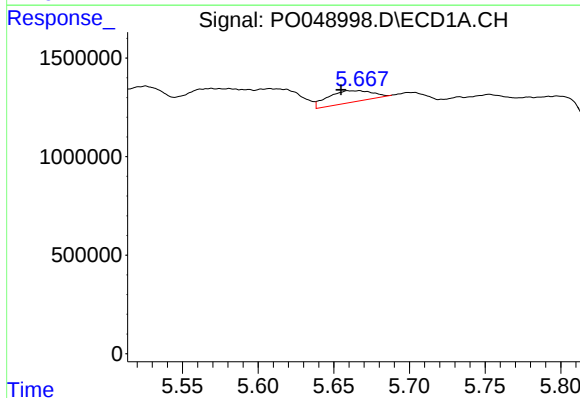
R.T.: 5.574 min
Delta R.T.: 0.003 min
Response: 8222522
Conc: 1137.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



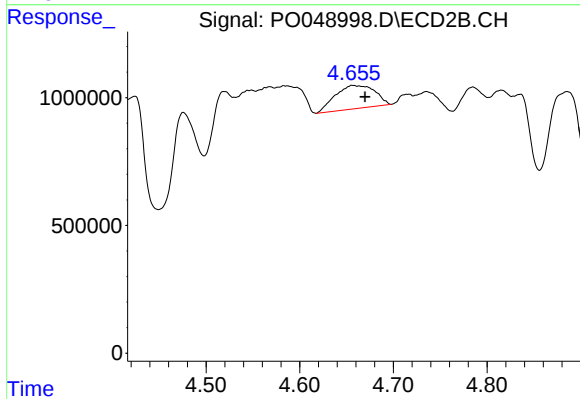
#5 AR-1016-3

R.T.: 4.657 min
Delta R.T.: 0.042 min
Response: 2668386
Conc: 258.32 ng/ml



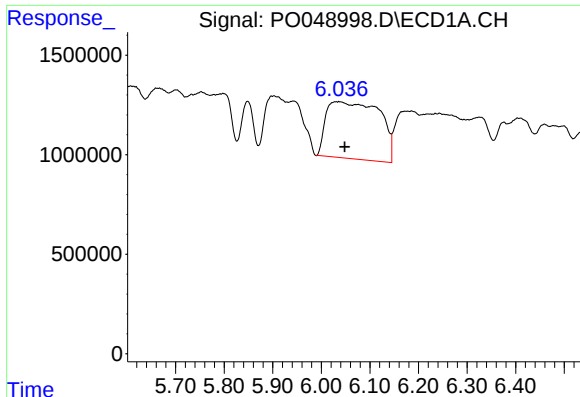
#6 AR-1016-4

R.T.: 5.665 min
Delta R.T.: 0.010 min
Response: 1069301
Conc: 170.07 ng/ml



#6 AR-1016-4

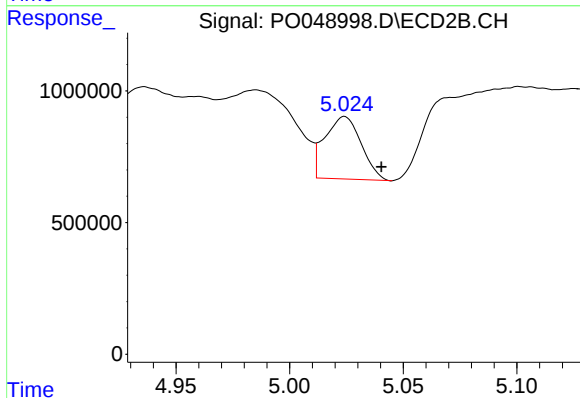
R.T.: 4.657 min
Delta R.T.: -0.013 min
Response: 2668386
Conc: 358.91 ng/ml



#7 AR-1016-5

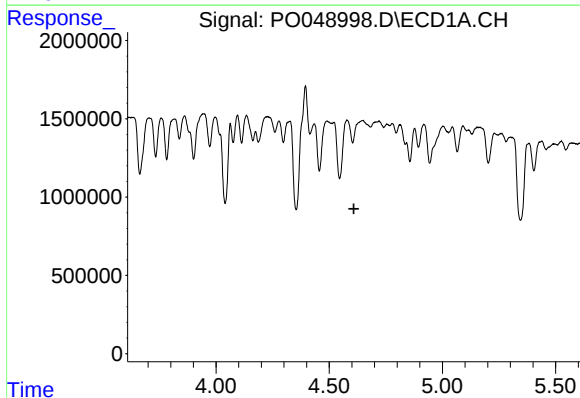
R.T.: 6.034 min
Delta R.T.: -0.014 min
Response: 21896663
Conc: 4119.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



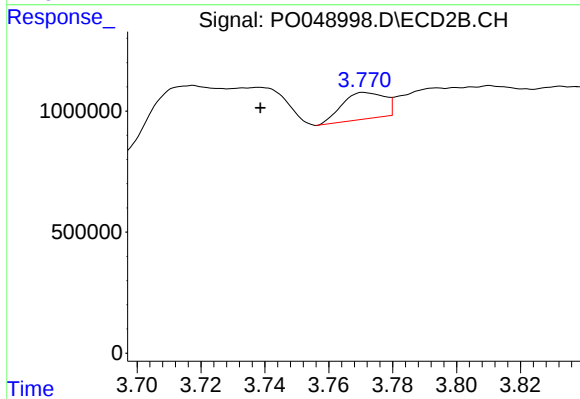
#7 AR-1016-5

R.T.: 5.024 min
Delta R.T.: -0.016 min
Response: 2631784
Conc: 379.36 ng/ml



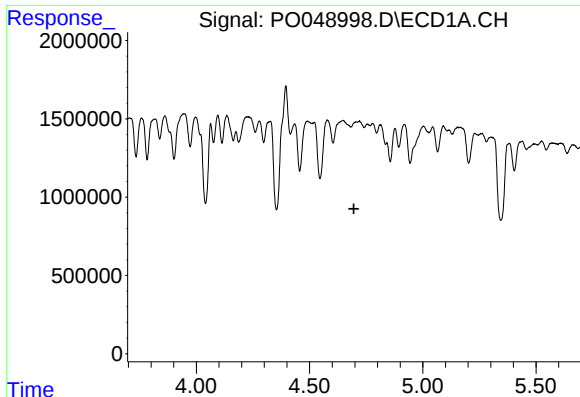
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.609 min
Response: 0
Conc: N.D.



#8 AR-1221-1

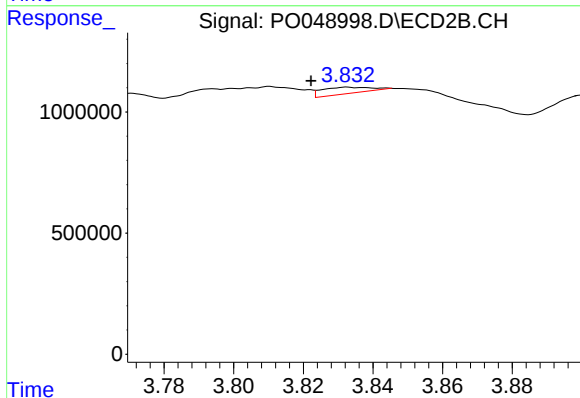
R.T.: 3.771 min
Delta R.T.: 0.033 min
Response: 1003528
Conc: 494.19 ng/ml



#9 AR-1221-2

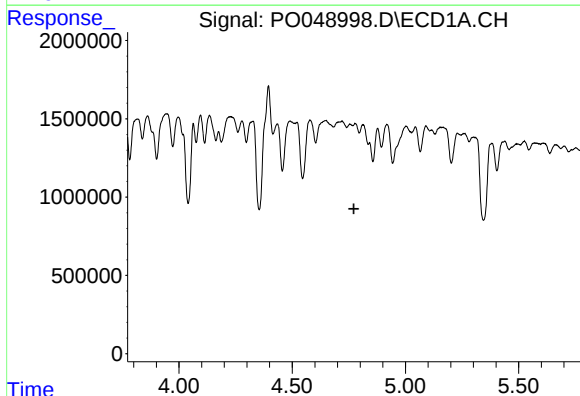
R.T.: 4.720 min
Delta R.T.: 0.024 min
Response: -8244
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



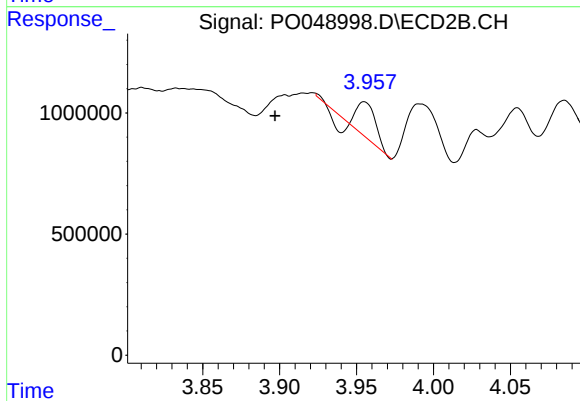
#9 AR-1221-2

R.T.: 3.833 min
Delta R.T.: 0.011 min
Response: 252934
Conc: 163.64 ng/ml



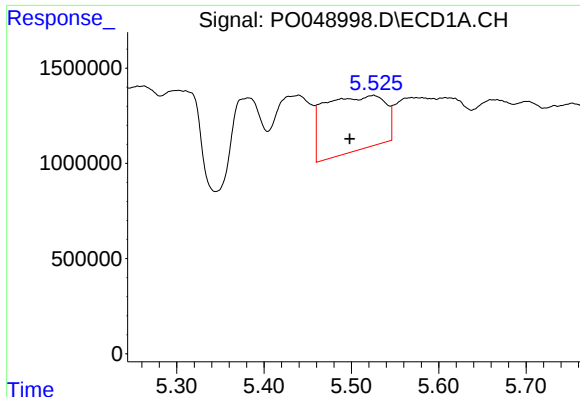
#10 AR-1221-3

R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: -326847
Conc: N.D.



#10 AR-1221-3

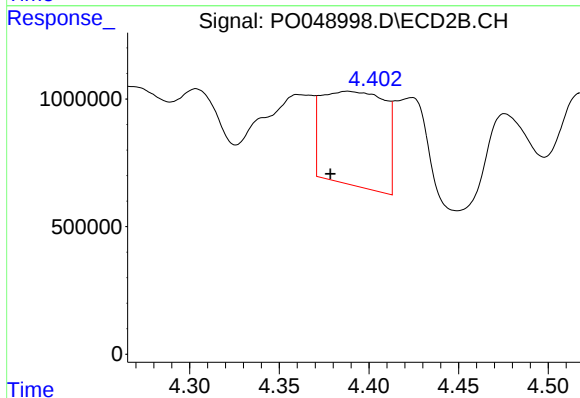
R.T.: 3.955 min
Delta R.T.: 0.058 min
Response: 998223
Conc: 209.43 ng/ml



#11 AR-1232-1

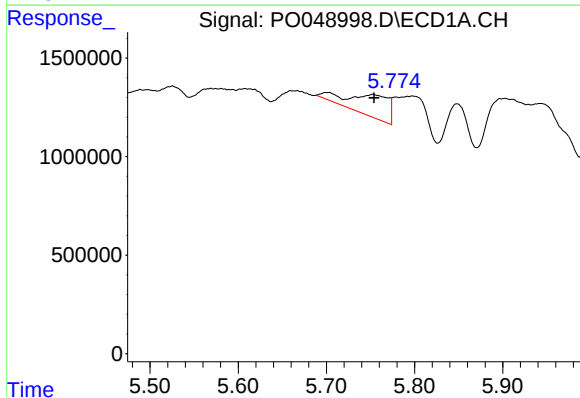
R.T.: 5.524 min
Delta R.T.: 0.026 min
Response: 13964127
Conc: 38567.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



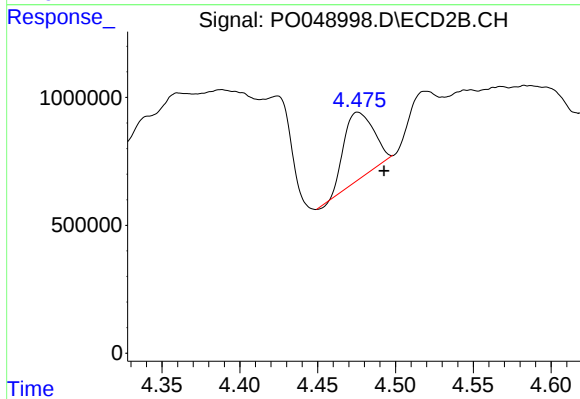
#11 AR-1232-1

R.T.: 4.388 min
Delta R.T.: 0.009 min
Response: 9050059
Conc: 4567.22 ng/ml



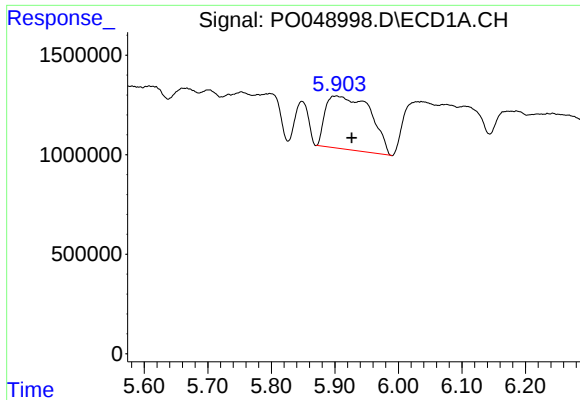
#12 AR-1232-2

R.T.: 5.753 min
Delta R.T.: -0.001 min
Response: 3616993
Conc: 1883.81 ng/ml



#12 AR-1232-2

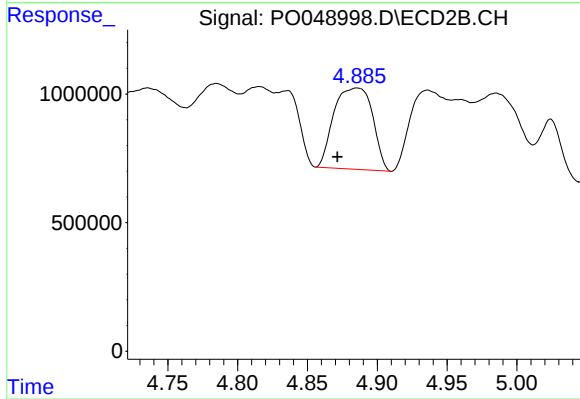
R.T.: 4.476 min
Delta R.T.: -0.017 min
Response: 3438538
Conc: 5078.33 ng/ml



#13 AR-1232-3

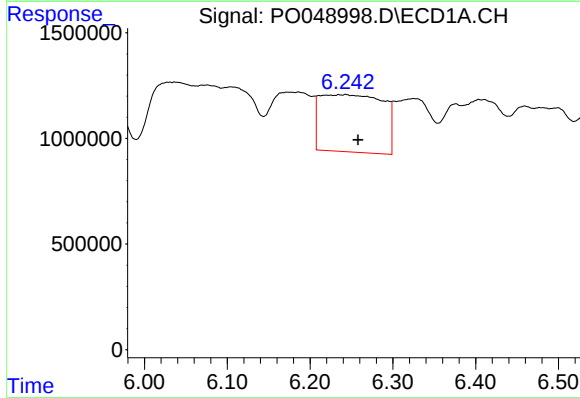
R.T.: 5.904 min
Delta R.T.: -0.023 min
Response: 13152786
Conc: 24387.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



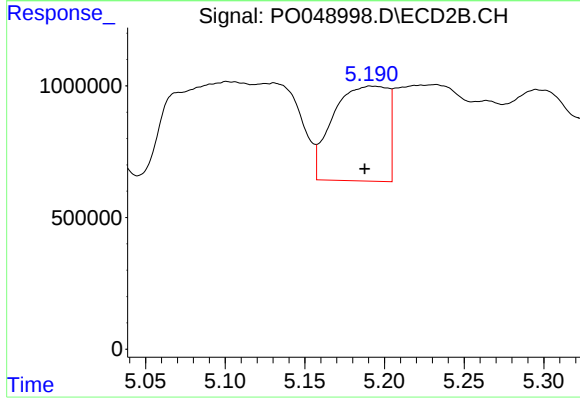
#13 AR-1232-3

R.T.: 4.886 min
Delta R.T.: 0.014 min
Response: 6069873
Conc: 3234.70 ng/ml



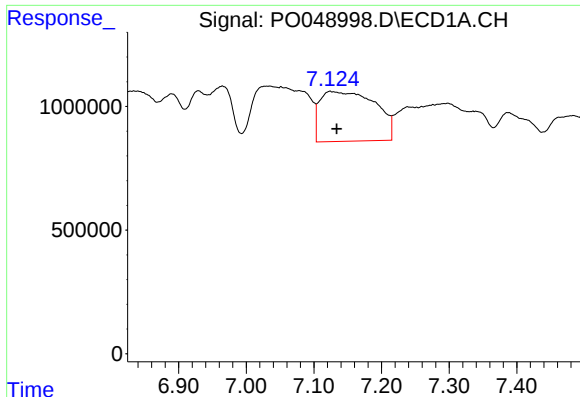
#14 AR-1232-4

R.T.: 6.240 min
Delta R.T.: -0.017 min
Response: 14356369
Conc: 29823.49 ng/ml



#14 AR-1232-4

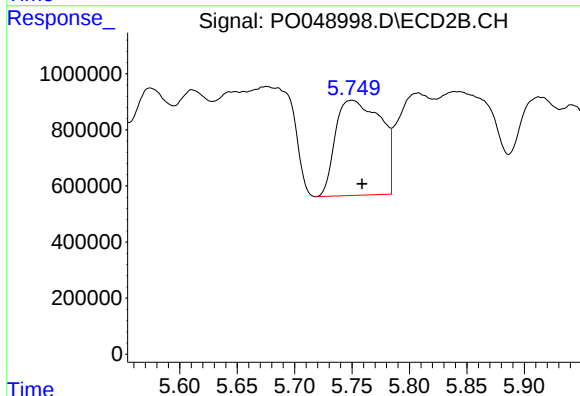
R.T.: 5.192 min
Delta R.T.: 0.004 min
Response: 8599351
Conc: 4100.84 ng/ml



#15 AR-1232-5

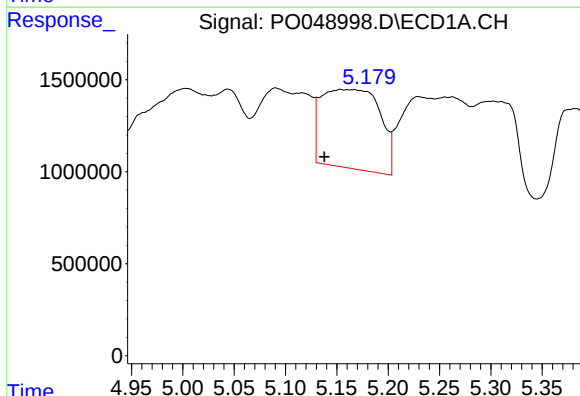
R.T.: 7.128 min
Delta R.T.: -0.006 min
Response: 11473800
Conc: 37144.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



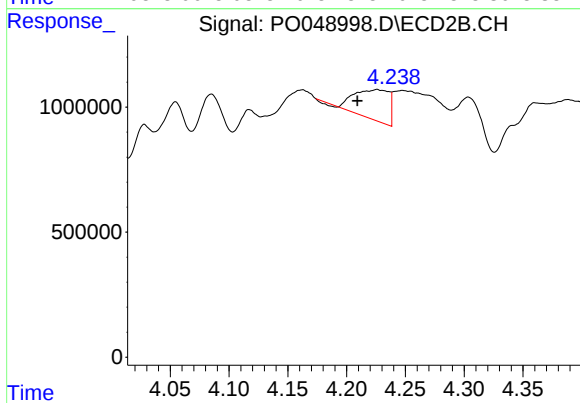
#15 AR-1232-5

R.T.: 5.750 min
Delta R.T.: -0.009 min
Response: 9356677
Conc: 36742.26 ng/ml



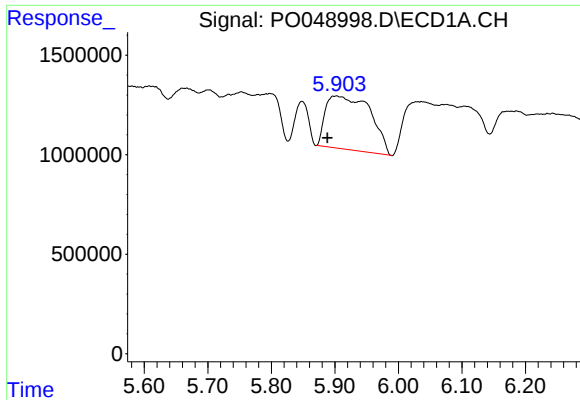
#16 AR-1242-1

R.T.: 5.160 min
Delta R.T.: 0.022 min
Response: 17050759
Conc: 10201.22 ng/ml



#16 AR-1242-1

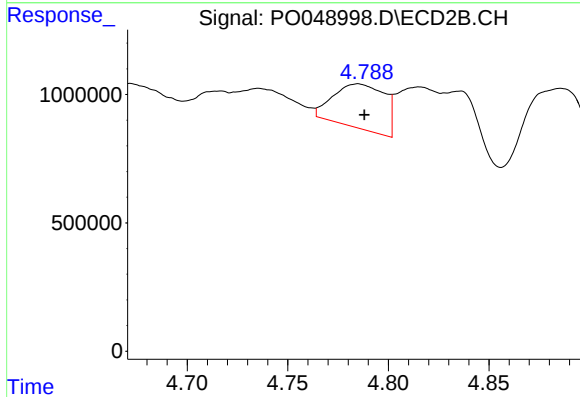
R.T.: 4.226 min
Delta R.T.: 0.017 min
Response: 2507020
Conc: 1327.97 ng/ml



#17 AR-1242-2

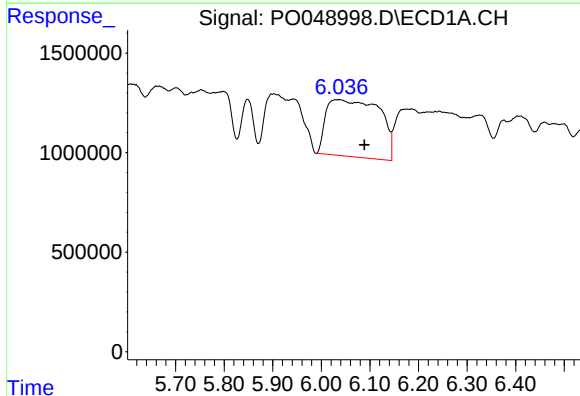
R.T.: 5.904 min
Delta R.T.: 0.015 min
Response: 13152786
Conc: 4041.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



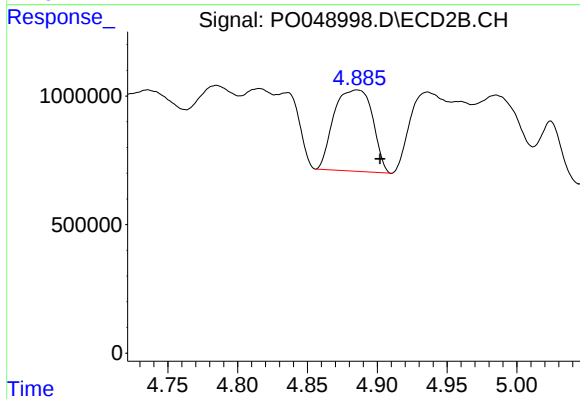
#17 AR-1242-2

R.T.: 4.785 min
Delta R.T.: -0.003 min
Response: 3071325
Conc: 738.46 ng/ml



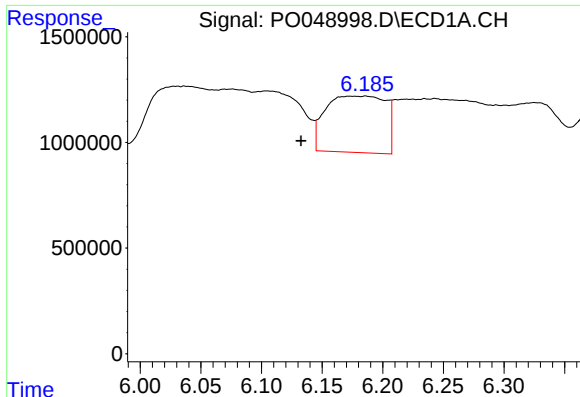
#18 AR-1242-3

R.T.: 6.034 min
Delta R.T.: -0.055 min
Response: 21896663
Conc: 13955.08 ng/ml



#18 AR-1242-3

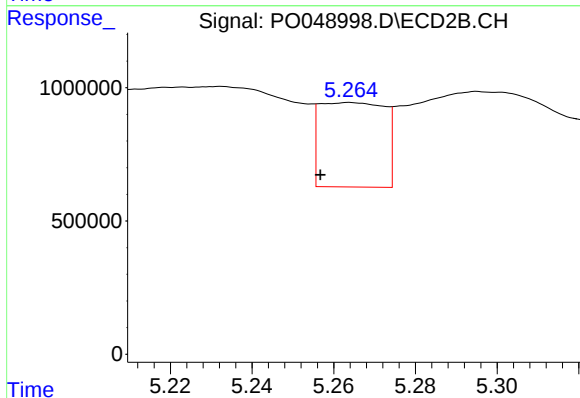
R.T.: 4.886 min
Delta R.T.: -0.016 min
Response: 6069873
Conc: 4147.40 ng/ml



#19 AR-1242-4

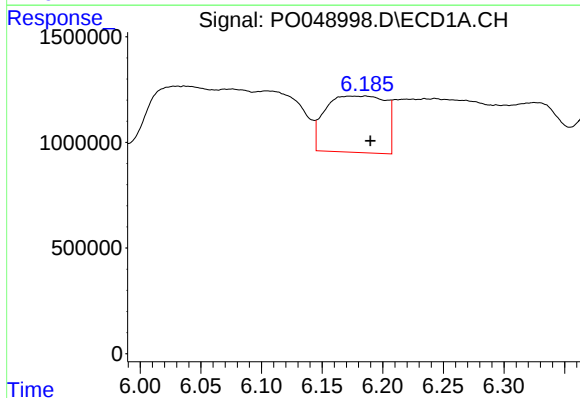
R.T.: 6.179 min
Delta R.T.: 0.046 min
Response: 9174420
Conc: 7632.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



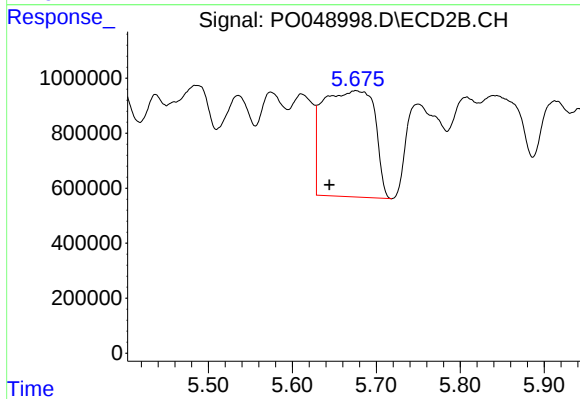
#19 AR-1242-4

R.T.: 5.264 min
Delta R.T.: 0.007 min
Response: 3491428
Conc: 2773.04 ng/ml



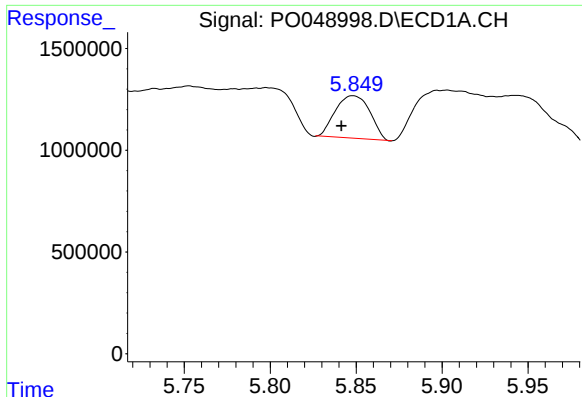
#20 AR-1242-5

R.T.: 6.179 min
Delta R.T.: -0.011 min
Response: 9174420
Conc: 2112.41 ng/ml



#20 AR-1242-5

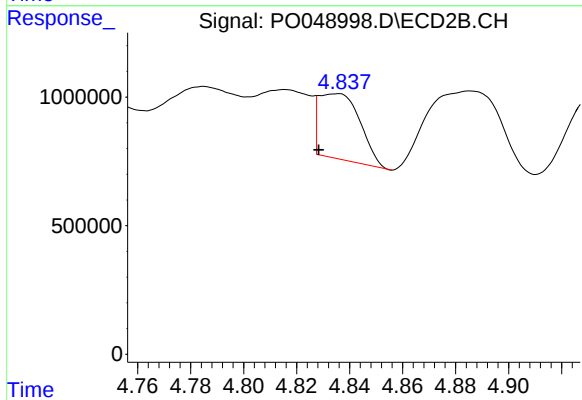
R.T.: 5.676 min
Delta R.T.: 0.031 min
Response: 16514074
Conc: 4878.82 ng/ml



#21 AR-1248-1

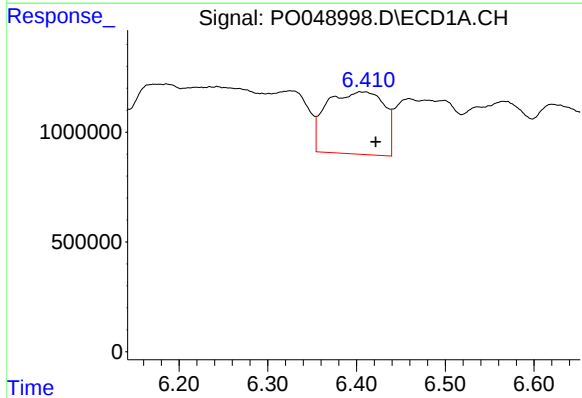
R.T.: 5.848 min
Delta R.T.: 0.007 min
Response: 2909732
Conc: 523.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



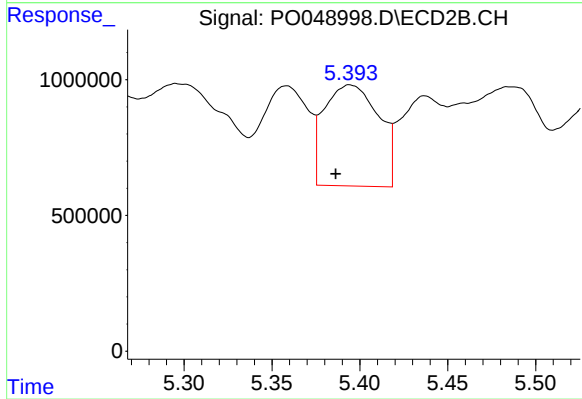
#21 AR-1248-1

R.T.: 4.835 min
Delta R.T.: 0.007 min
Response: 2748945
Conc: 409.86 ng/ml



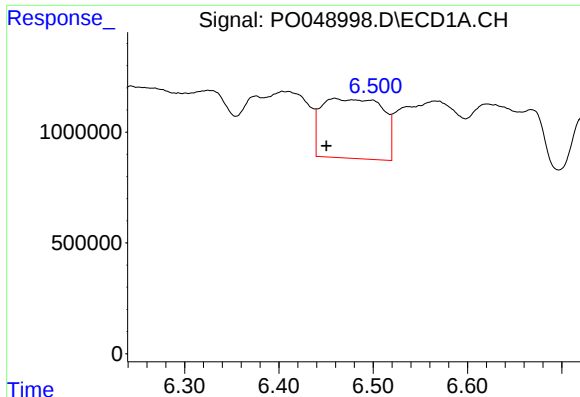
#22 AR-1248-2

R.T.: 6.407 min
Delta R.T.: -0.014 min
Response: 12707416
Conc: 2088.40 ng/ml



#22 AR-1248-2

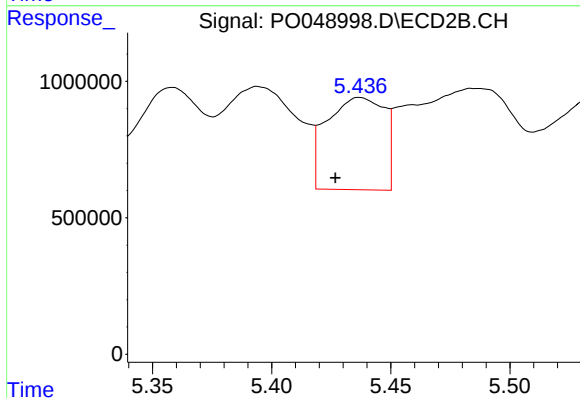
R.T.: 5.394 min
Delta R.T.: 0.008 min
Response: 8031841
Conc: 631.81 ng/ml



#23 AR-1248-3

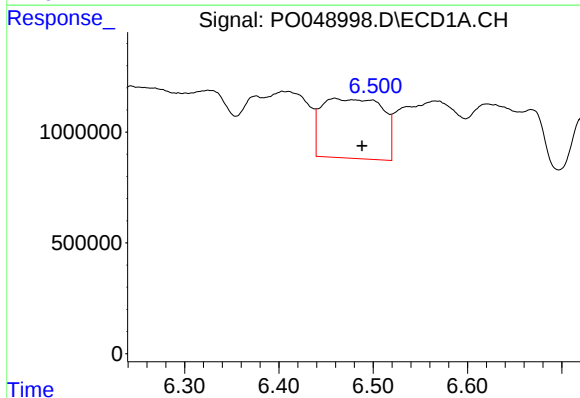
R.T.: 6.461 min
Delta R.T.: 0.011 min
Response: 12088281
Conc: 1506.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



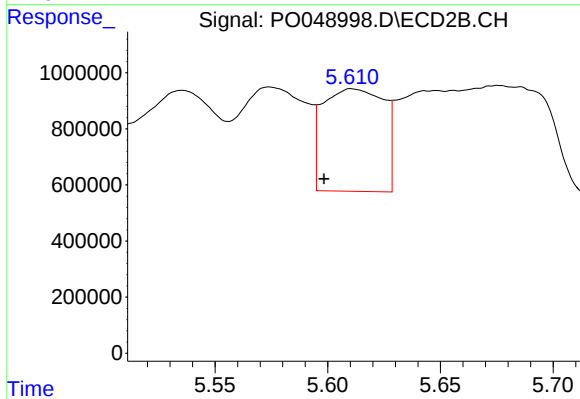
#23 AR-1248-3

R.T.: 5.437 min
Delta R.T.: 0.010 min
Response: 5681250
Conc: 632.88 ng/ml



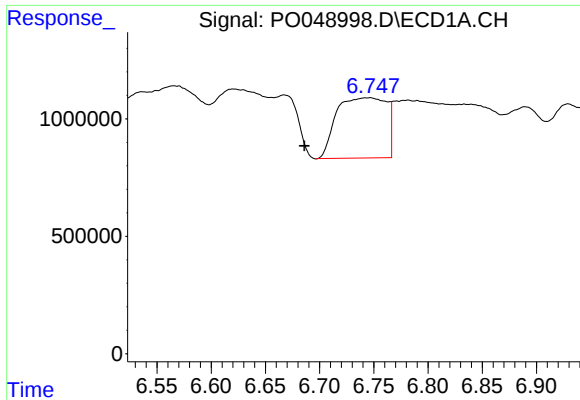
#24 AR-1248-4

R.T.: 6.461 min
Delta R.T.: -0.027 min
Response: 12088281
Conc: 1576.41 ng/ml



#24 AR-1248-4

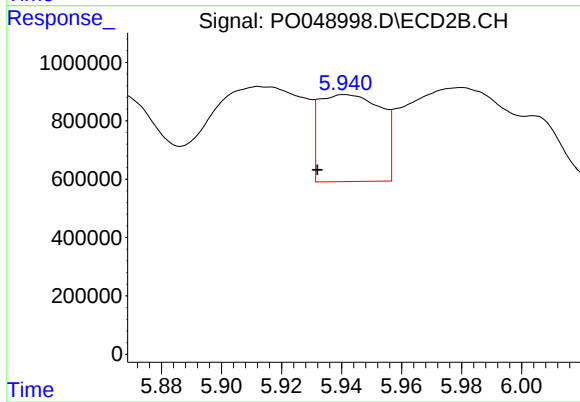
R.T.: 5.611 min
Delta R.T.: 0.012 min
Response: 6869251
Conc: 846.42 ng/ml



#25 AR-1248-5

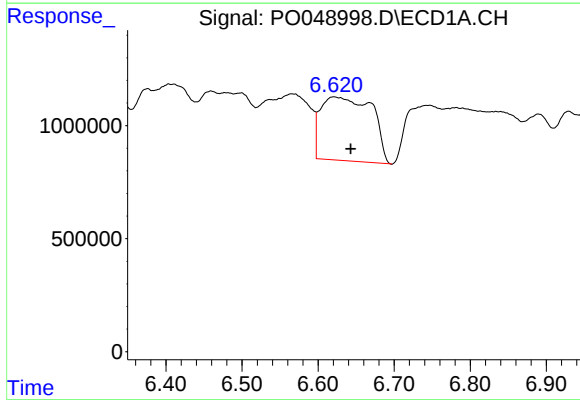
R.T.: 6.744 min
Delta R.T.: 0.058 min
Response: 8220797
Conc: 1568.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



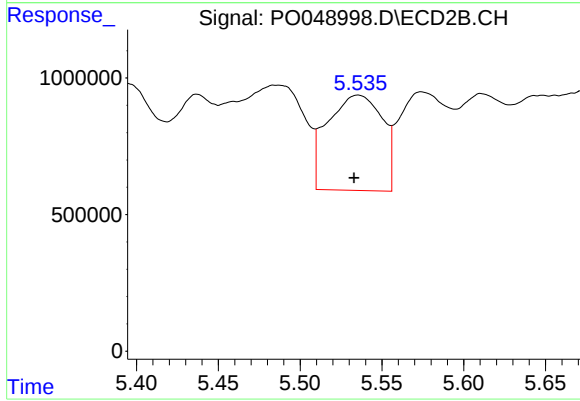
#25 AR-1248-5

R.T.: 5.941 min
Delta R.T.: 0.009 min
Response: 4258552
Conc: 679.01 ng/ml



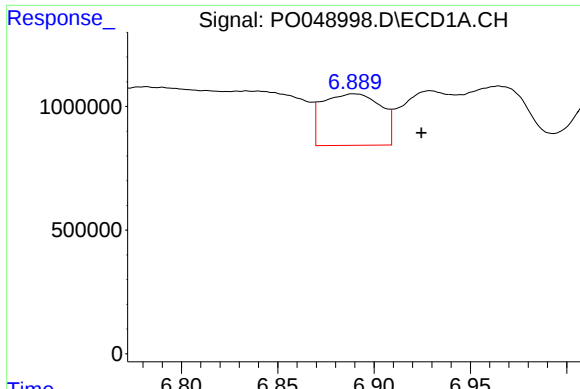
#26 AR-1254-1

R.T.: 6.623 min
Delta R.T.: -0.020 min
Response: 13205833
Conc: 847.80 ng/ml



#26 AR-1254-1

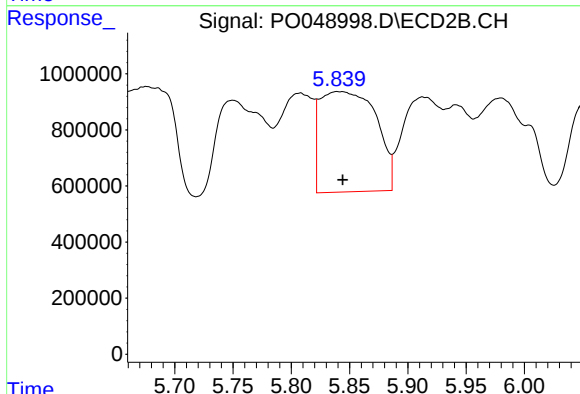
R.T.: 5.535 min
Delta R.T.: 0.002 min
Response: 8093431
Conc: 610.41 ng/ml



#27 AR-1254-2

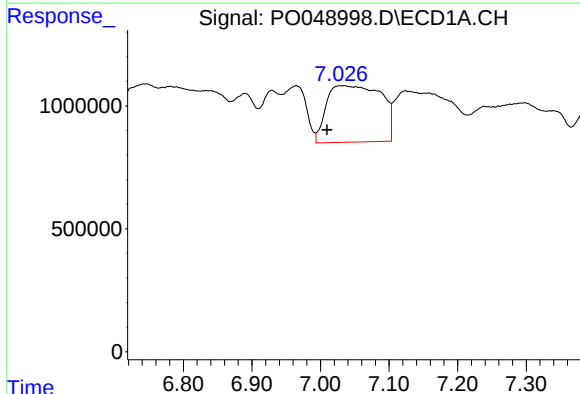
R.T.: 6.888 min
Delta R.T.: -0.036 min
Response: 4396296
Conc: 433.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



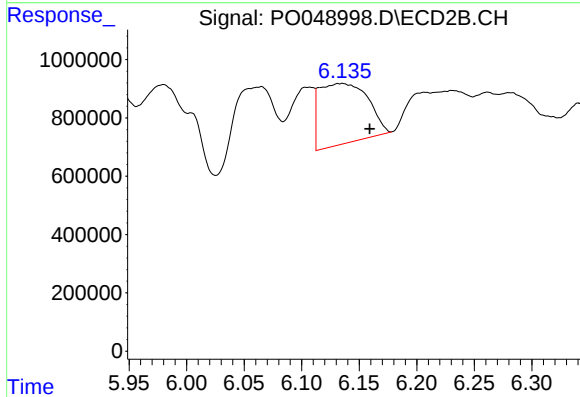
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: -0.005 min
Response: 11971605
Conc: 1025.75 ng/ml



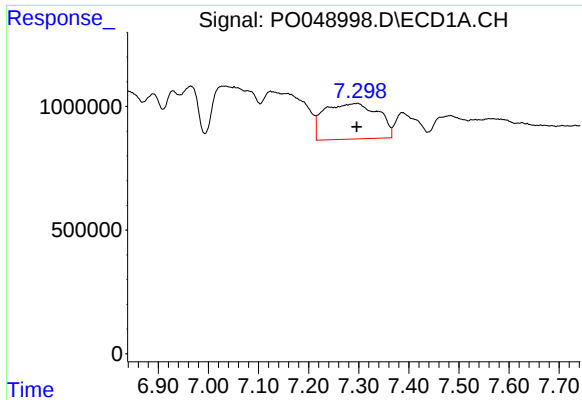
#28 AR-1254-3

R.T.: 7.033 min
Delta R.T.: 0.023 min
Response: 12717833
Conc: 709.77 ng/ml



#28 AR-1254-3

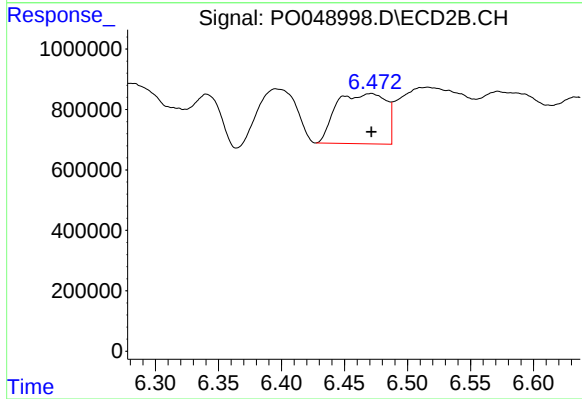
R.T.: 6.135 min
Delta R.T.: -0.024 min
Response: 6066212
Conc: 410.74 ng/ml



#29 AR-1254-4

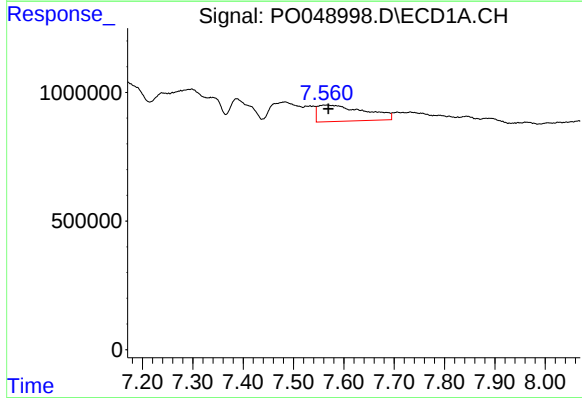
R.T.: 7.294 min
Delta R.T.: -0.002 min
Response: 10760750
Conc: 778.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



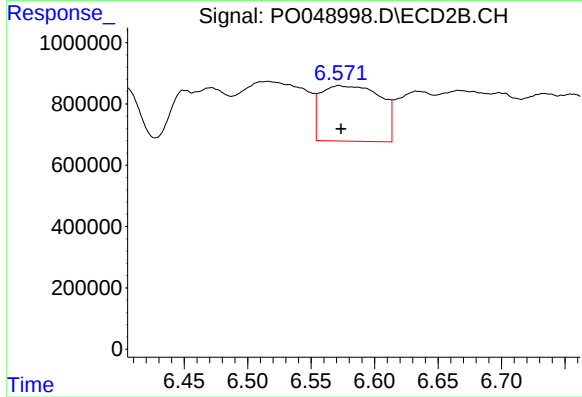
#29 AR-1254-4

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 4551804
Conc: 407.31 ng/ml



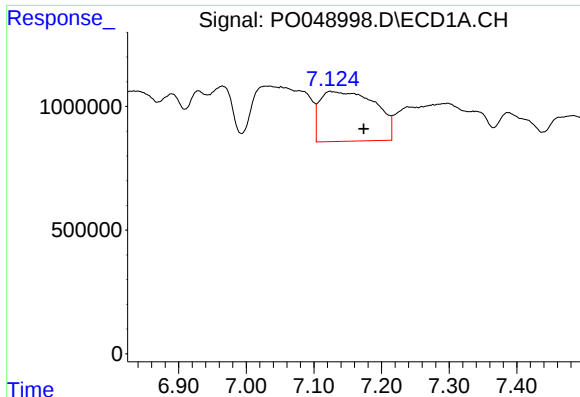
#30 AR-1254-5

R.T.: 7.565 min
Delta R.T.: -0.005 min
Response: 4096788
Conc: 405.83 ng/ml



#30 AR-1254-5

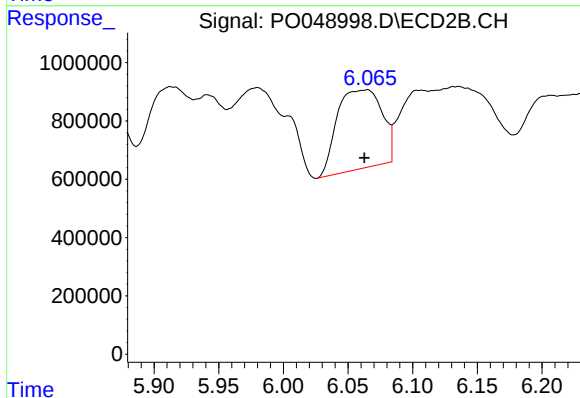
R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 5924842
Conc: 283.04 ng/ml



#31 AR-1260-1

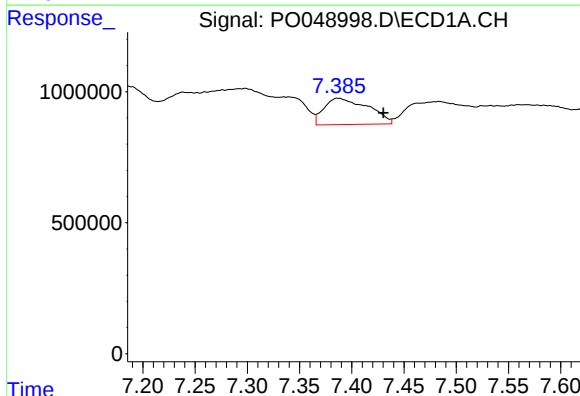
R.T.: 7.128 min
Delta R.T.: -0.046 min
Response: 11473800
Conc: 917.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



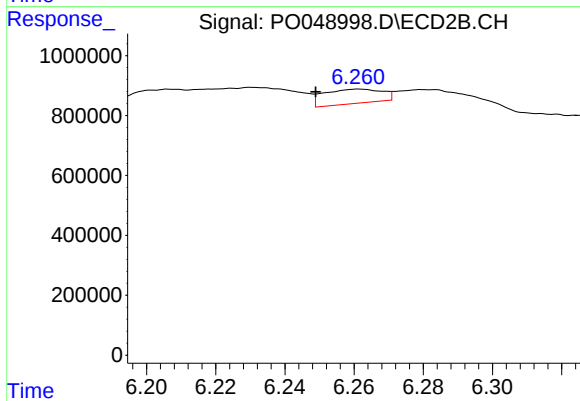
#31 AR-1260-1

R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 6513656
Conc: 480.15 ng/ml



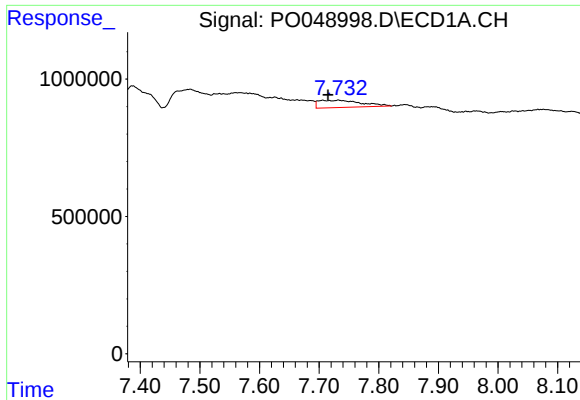
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.041 min
Response: 2953022
Conc: 212.84 ng/ml



#32 AR-1260-2

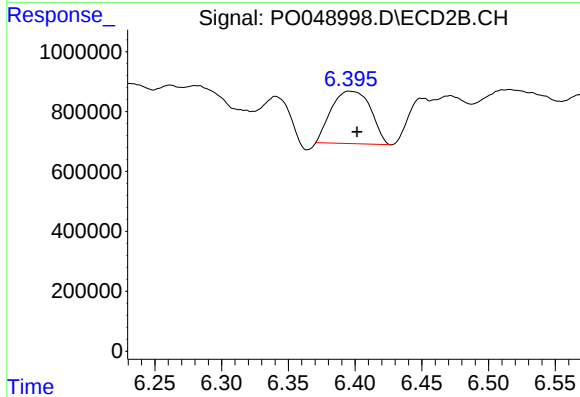
R.T.: 6.261 min
Delta R.T.: 0.013 min
Response: 555518
Conc: 32.75 ng/ml



#33 AR-1260-3

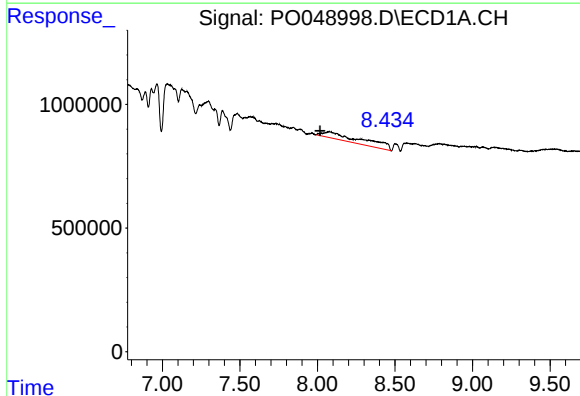
R.T.: 7.732 min
Delta R.T.: 0.018 min
Response: 889320
Conc: 59.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



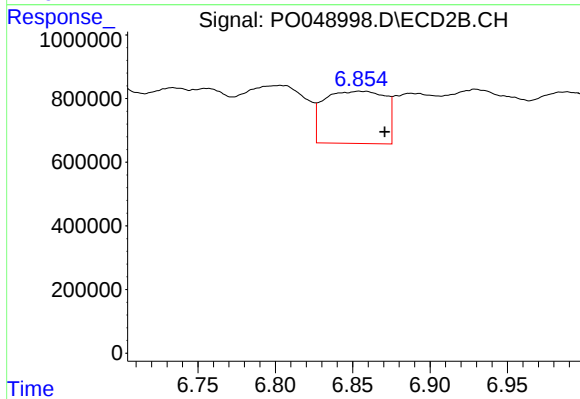
#33 AR-1260-3

R.T.: 6.396 min
Delta R.T.: -0.006 min
Response: 3594980
Conc: 223.71 ng/ml



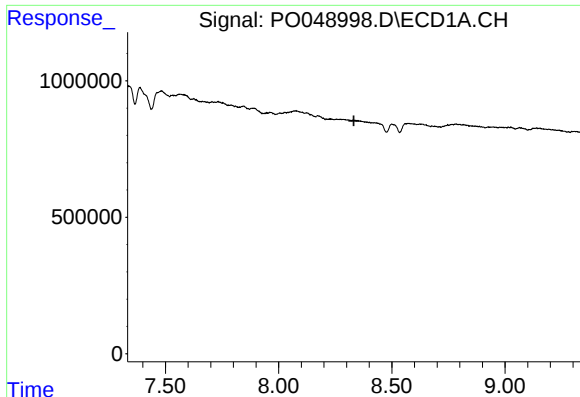
#34 AR-1260-4

R.T.: 8.074 min
Delta R.T.: 0.058 min
Response: 5389593
Conc: 538.62 ng/ml



#34 AR-1260-4

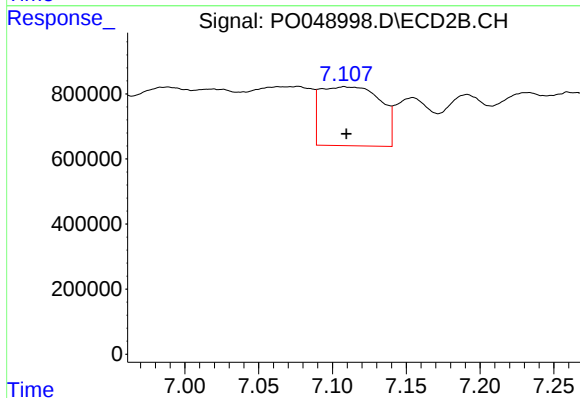
R.T.: 6.855 min
Delta R.T.: -0.015 min
Response: 4507879
Conc: 338.82 ng/ml



#35 AR-1260-5

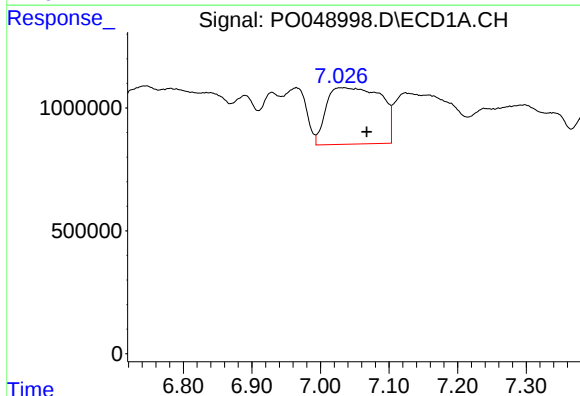
R.T.: 0.000 min
Exp R.T.: 8.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



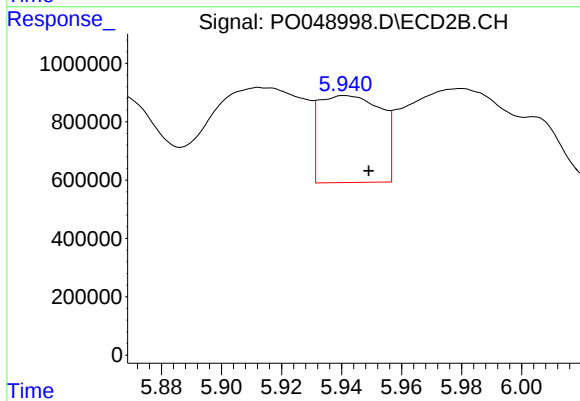
#35 AR-1260-5

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 5121952
Conc: 166.61 ng/ml



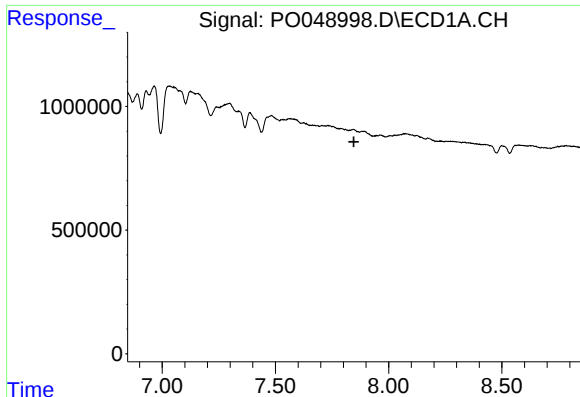
#36 AR-1262-1

R.T.: 7.033 min
Delta R.T.: -0.035 min
Response: 12717833
Conc: 1933.37 ng/ml



#36 AR-1262-1

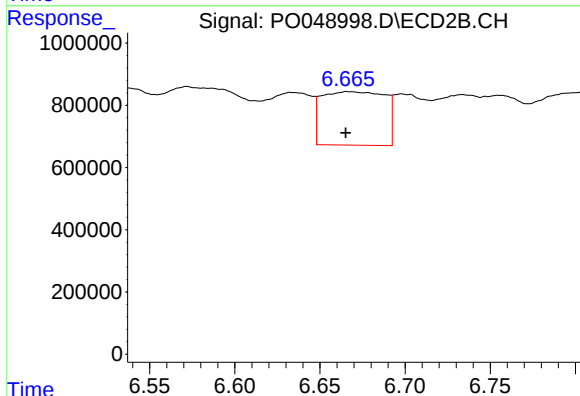
R.T.: 5.941 min
Delta R.T.: -0.008 min
Response: 4258552
Conc: 568.41 ng/ml



#37 AR-1262-2

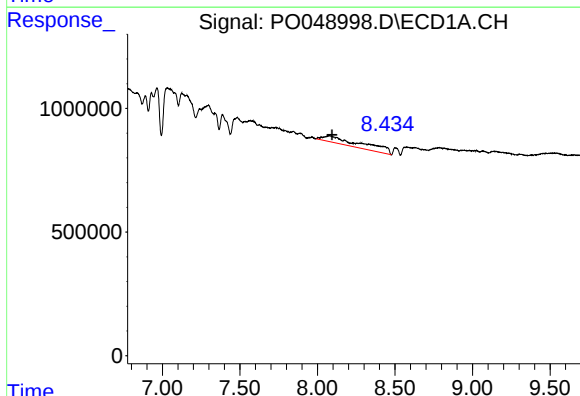
R.T.: 0.000 min
Exp R.T.: 7.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



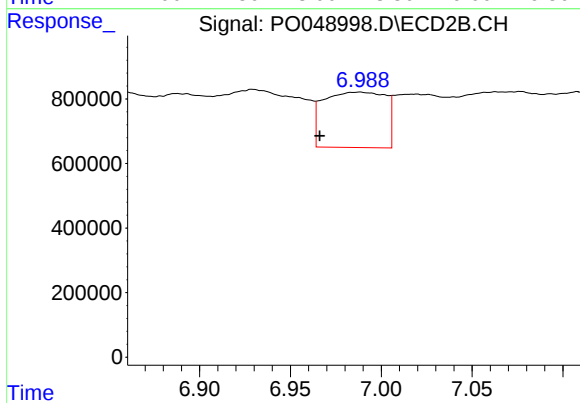
#37 AR-1262-2

R.T.: 6.667 min
Delta R.T.: 0.002 min
Response: 4416637
Conc: 585.85 ng/ml



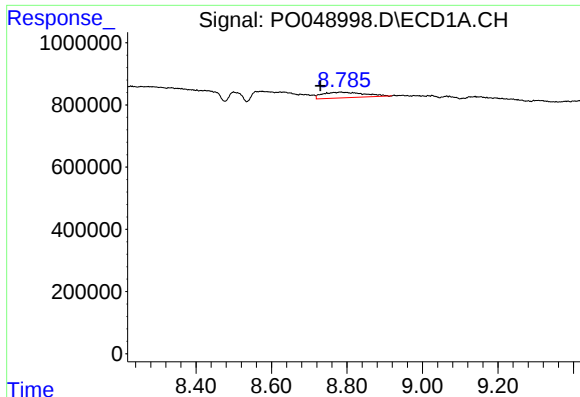
#38 AR-1262-3

R.T.: 8.074 min
Delta R.T.: -0.020 min
Response: 5389593
Conc: 1059.86 ng/ml



#38 AR-1262-3

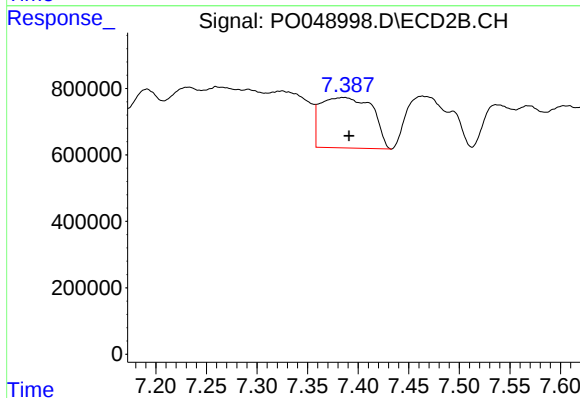
R.T.: 6.987 min
Delta R.T.: 0.021 min
Response: 4067110
Conc: 494.96 ng/ml



#39 AR-1262-4

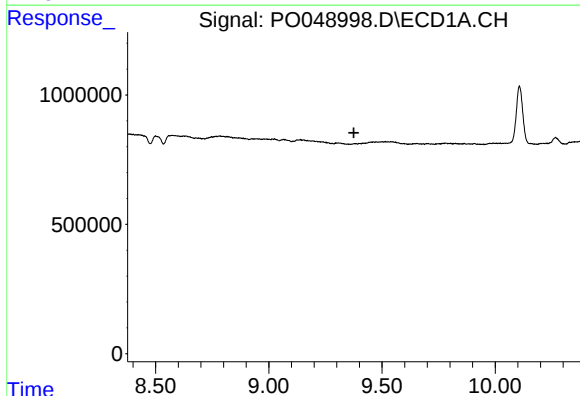
R.T.: 8.784 min
Delta R.T.: 0.054 min
Response: 1314067
Conc: 121.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



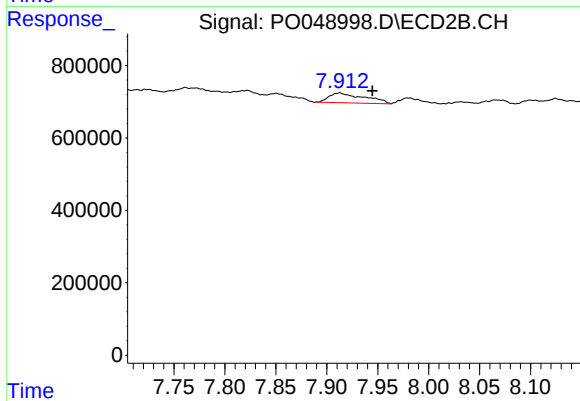
#39 AR-1262-4

R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 5413319
Conc: 438.03 ng/ml



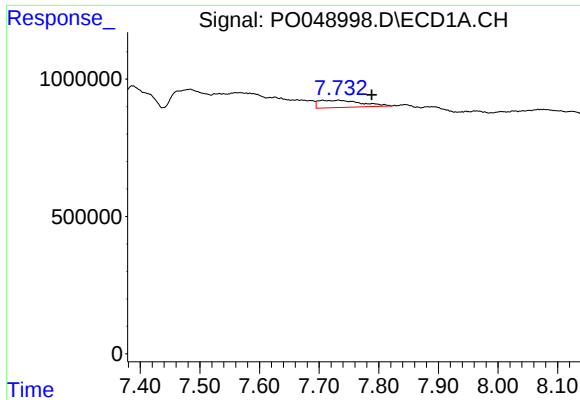
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

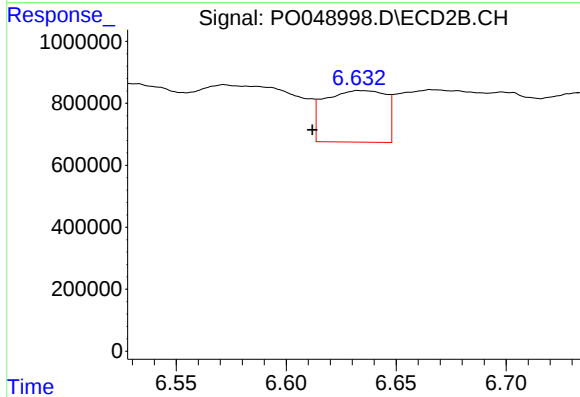
R.T.: 7.912 min
Delta R.T.: -0.032 min
Response: 656911
Conc: 64.65 ng/ml



#41 AR-1268-1

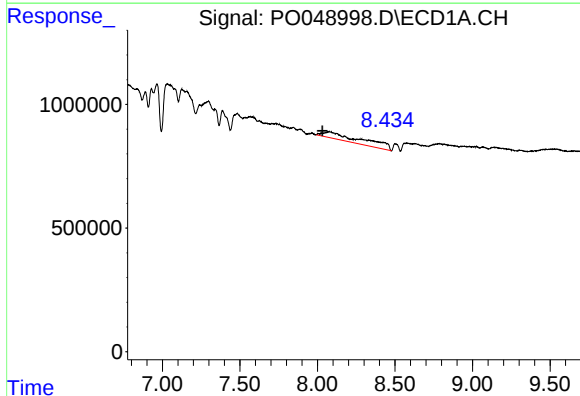
R.T.: 7.732 min
Delta R.T.: -0.056 min
Response: 889320
Conc: 173.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



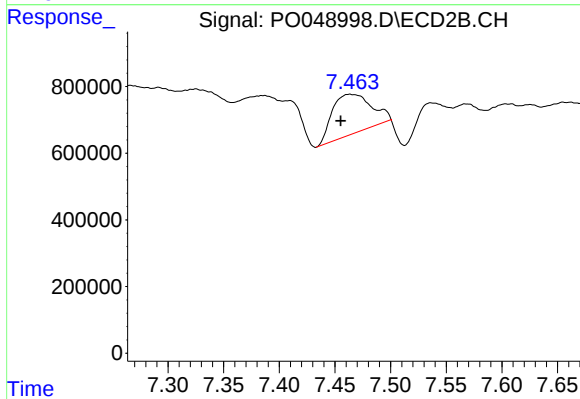
#41 AR-1268-1

R.T.: 6.635 min
Delta R.T.: 0.023 min
Response: 3213692
Conc: 423.60 ng/ml



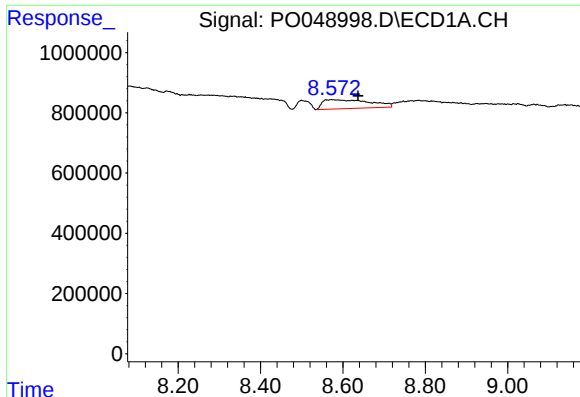
#42 AR-1268-2

R.T.: 8.074 min
Delta R.T.: 0.041 min
Response: 5389593
Conc: 880.89 ng/ml



#42 AR-1268-2

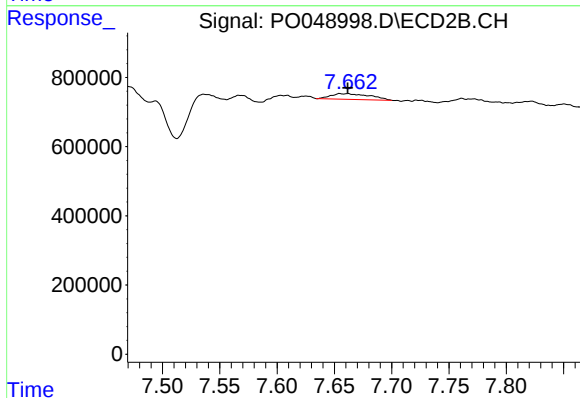
R.T.: 7.464 min
Delta R.T.: 0.009 min
Response: 2929541
Conc: 88.09 ng/ml



#43 AR-1268-3

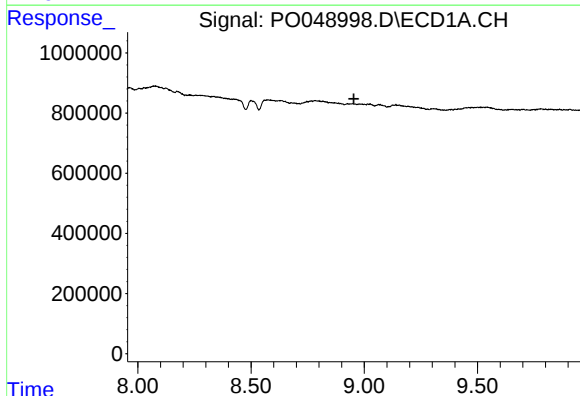
R.T.: 8.574 min
Delta R.T.: -0.063 min
Response: 2386343
Conc: 91.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



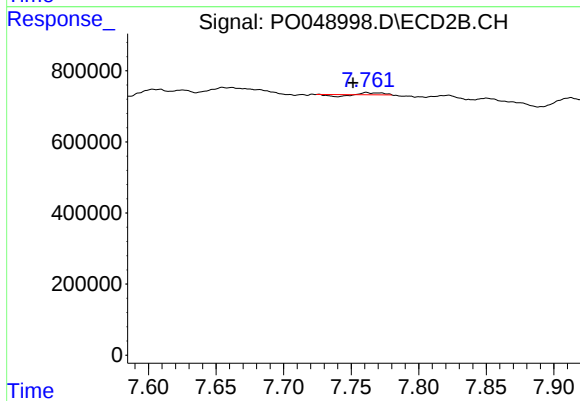
#43 AR-1268-3

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 383459
Conc: 14.05 ng/ml



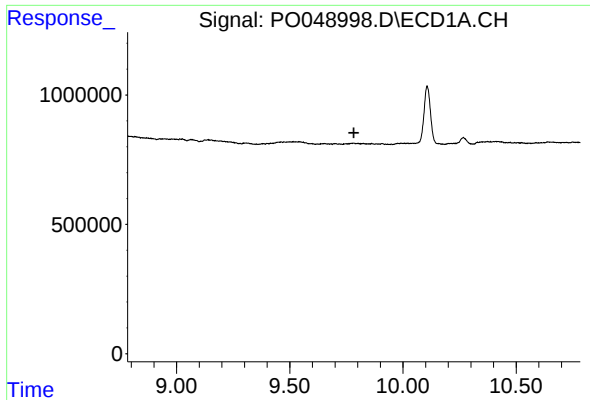
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

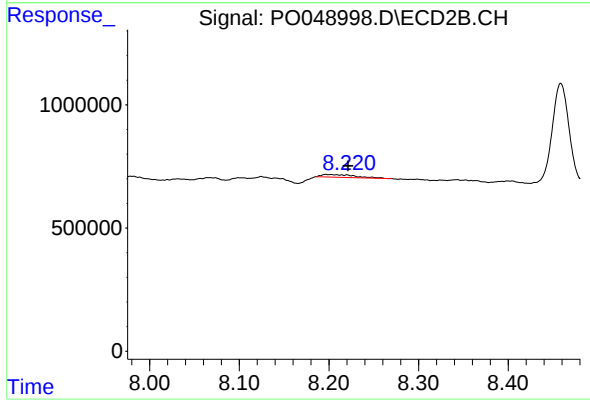
R.T.: 7.762 min
Delta R.T.: 0.011 min
Response: 16490
Conc: 2.13 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.199 min
Delta R.T.: -0.023 min
Response: 267400
Conc: 3.77 ng/ml