

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080822\
 Data File : P0088726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 00:07
 Operator : YP/AJ
 Sample : N3980-09
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 03:13:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 2022
 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...	4.437	3.594	52214872	20149372	19.358	18.617
2) SA Decachlor...	10.275	8.587	35380678	21456408	18.335	17.705
Target Compounds						
3) L1 AR-1016-1	5.613	4.672	1533887	664606	19.027	17.832
4) L1 AR-1016-2	5.636	4.691	1898887	685348	16.463	13.145
5) L1 AR-1016-3	5.697	4.867	919947	448944	12.730	15.345
6) L1 AR-1016-4	5.796	4.909	1005294	1063112	17.534	44.072 #
7) L1 AR-1016-5	6.095	5.121	2435932	1328894	42.466	40.745
9) L2 AR-1221-2	4.745	3.892	987309	343600	42.704	38.042
10) L2 AR-1221-3	4.809	0.000	389635	0	5.552	N.D. #
11) L3 AR-1232-1	4.809	0.000	389635	0	7.014	N.D. #
12) L3 AR-1232-2	5.147	4.691	879677	685348	31.728	29.683
13) L3 AR-1232-3	5.636	4.867	1898887	448944	37.224	36.532
14) L3 AR-1232-4	5.796	4.950	1005294	1097947	40.194	93.154 #
15) L3 AR-1232-5	5.889	5.121	2342382	1328894	113.814	98.773
16) L4 AR-1242-1	5.613	4.672	1533887	664606	22.822	21.676
17) L4 AR-1242-2	5.636	4.691	1898887	685348	19.676	15.907
18) L4 AR-1242-3	5.697	4.867	919947	448944	15.242	18.700
19) L4 AR-1242-4	5.796	4.950	1005294	1097947	20.855	43.547 #
20) L4 AR-1242-5	6.540	5.473	2576417	1661521	49.644	52.185
21) L5 AR-1248-1	5.613	4.672	1533887	664606	29.731	28.304
22) L5 AR-1248-2	5.889	4.909	2342382	1063112	30.512	29.622
23) L5 AR-1248-3	6.095	4.950	2435932	1097947	29.491	28.836
24) L5 AR-1248-4	6.500	5.121	2639123	1328894	29.386	28.938
25) L5 AR-1248-5	6.540	5.514	2576417	1059247	29.066	24.261
26) L6 AR-1254-1	6.473	5.473	2073736	1661521	22.702	24.124
27) L6 AR-1254-2	6.697	5.621	2610847	542560	19.092	9.162 #
28) L6 AR-1254-3	7.063	6.023	2108005	834502	14.979	8.974 #
29) L6 AR-1254-4	7.349	6.252	911152	567314	9.017	10.014
30) L6 AR-1254-5	7.774	6.668	214272	262745	2.012	3.219 #
31) L7 AR-1260-1	7.186f	6.168	755187	472800	7.307	7.439
32) L7 AR-1260-2	7.475	6.325	415493	268406	3.515	3.503
33) L7 AR-1260-3	0.000	6.486	0	296512	N.D.	4.127 #
34) L7 AR-1260-4	8.070	6.966	419219	189275	4.280	3.102 #
35) L7 AR-1260-5	8.396	7.208	149751	309212	0.813	2.192 #
36) L8 AR-1262-1	0.000	6.780	0	277791	N.D.	7.934 #
37) L8 AR-1262-2	8.396	7.208	149751	309212	0.713	2.019 #
38) L8 AR-1262-3	8.670f	0.000	58601	0	0.650	N.D. #
40) L8 AR-1262-5	9.435f	0.000	78319	0	0.977	N.D. #
41) L9 AR-1268-1	8.670f	0.000	58601	0	0.236	N.D. #
42) L9 AR-1268-2	8.885f	0.000	61484	0	0.270	N.D. #
43) L9 AR-1268-3	9.033	0.000	29352	0	0.150	N.D. #

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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
44) L9	AR-1268-4	9.435f	0.000	78319	0	0.899	N.D. #
45) L9	AR-1268-5	9.929	8.337	310518	181996	0.496	0.446

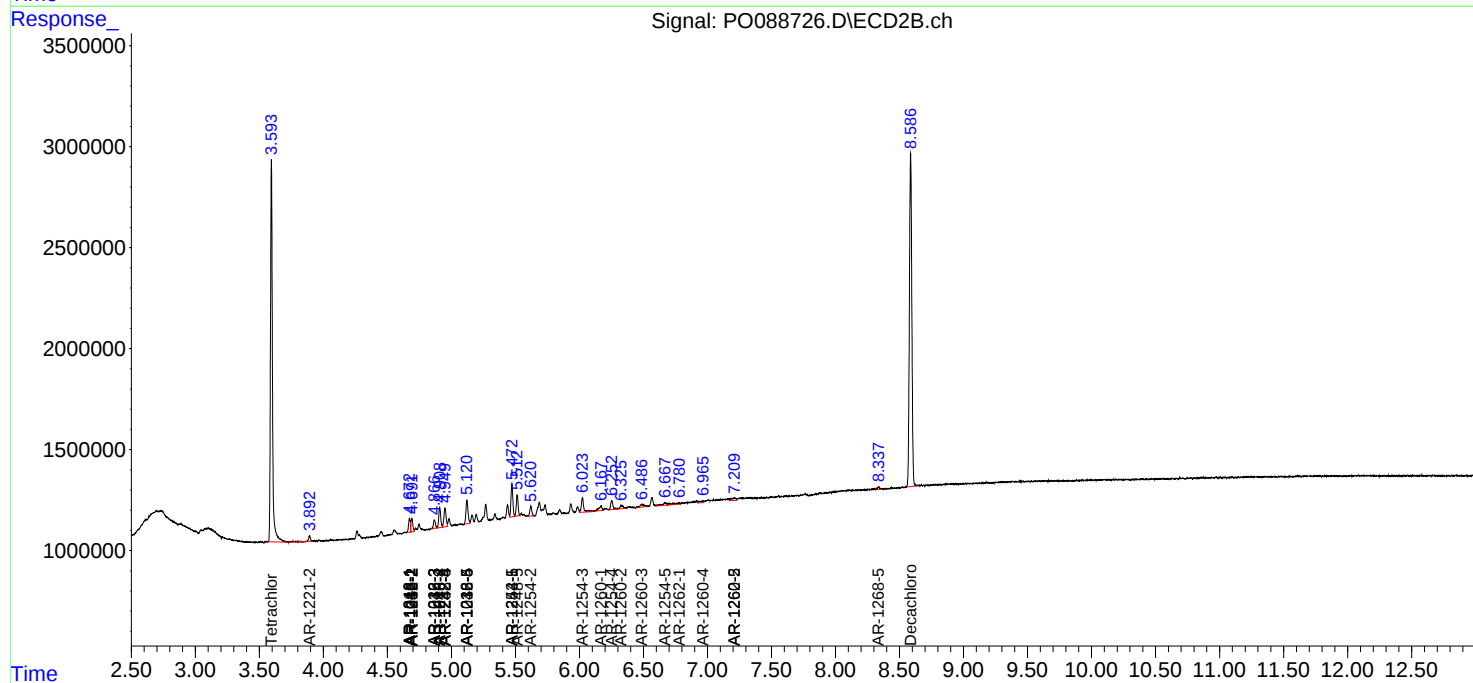
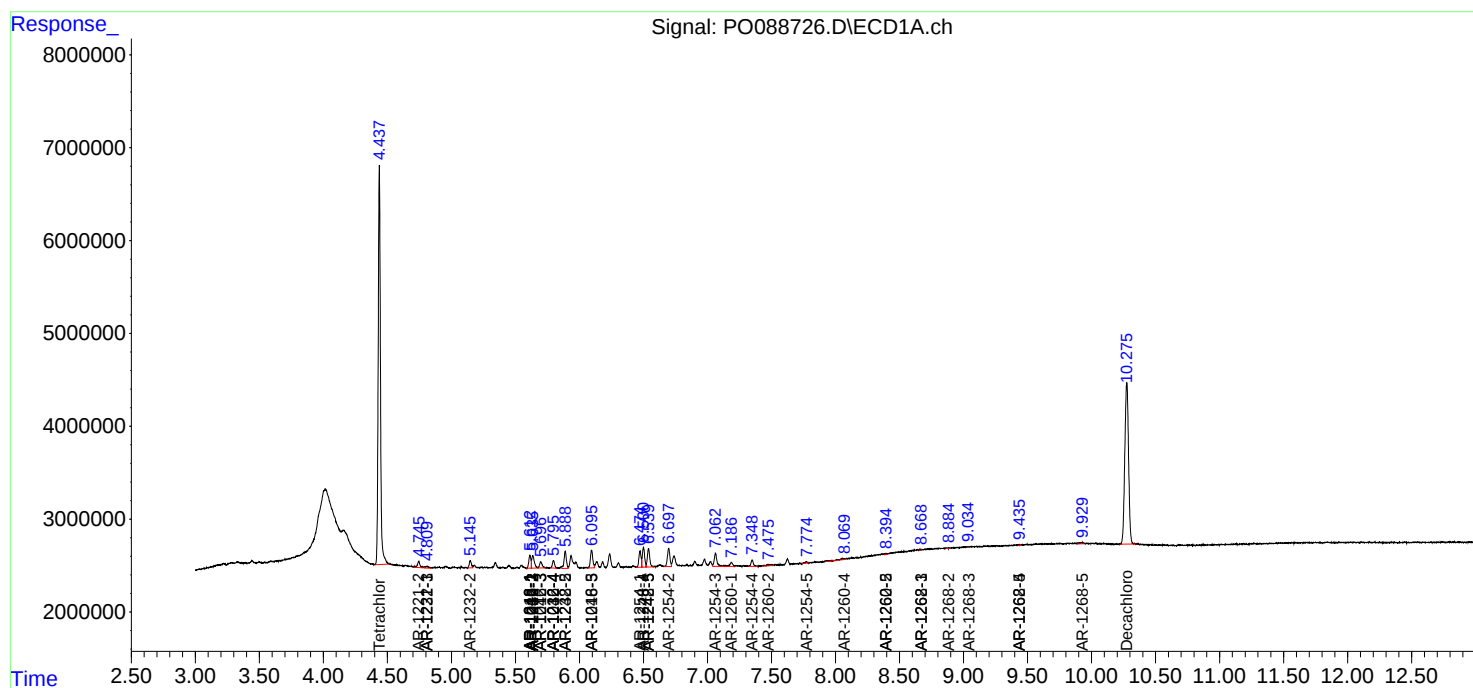
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

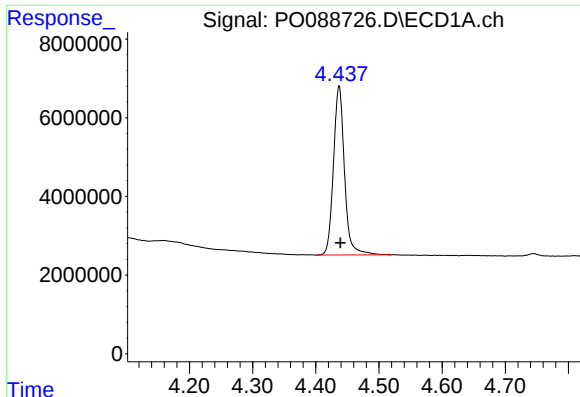
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080822\
Data File : PO088726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Operator : YP/AJ
Sample : N3980-09
Misc : AR1248 LOD 40 PPB
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO080422.M
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QLast Update : Fri Aug 05 23:24:09 2022
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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

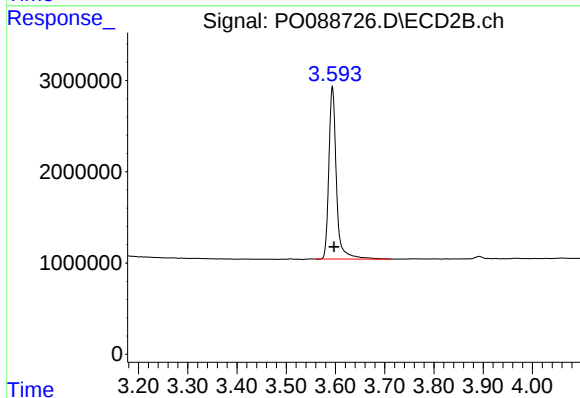




#1 Tetrachloro-m-xylene

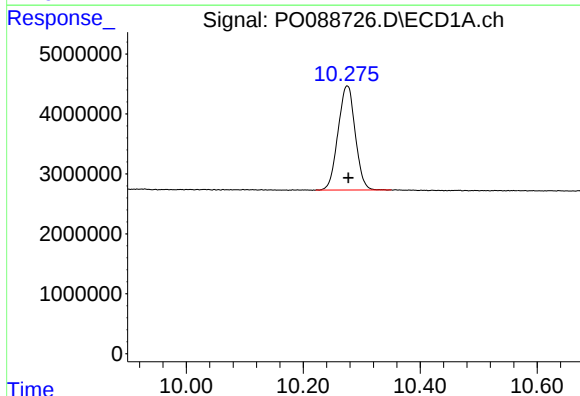
R.T.: 4.437 min
Delta R.T.: -0.002 min
Response: 52214872
Conc: 19.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



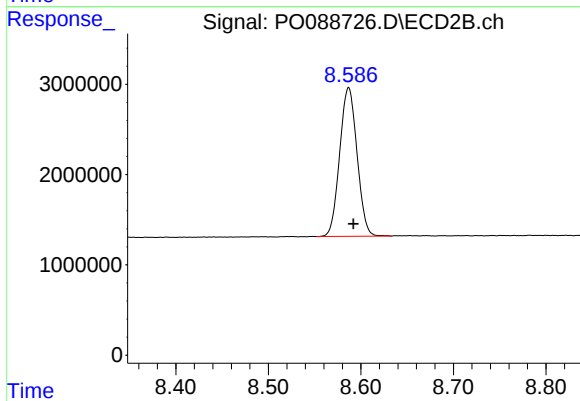
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 20149372
Conc: 18.62 ng/ml



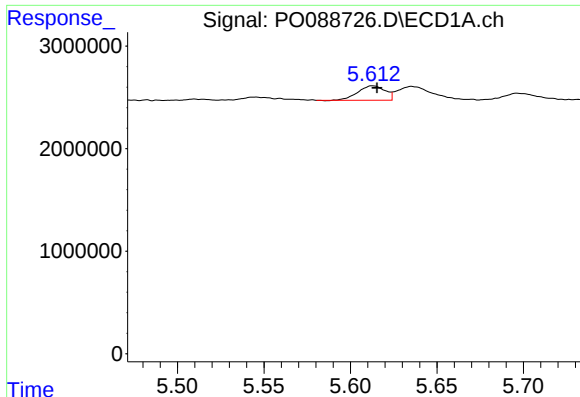
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 35380678
Conc: 18.33 ng/ml



#2 Decachlorobiphenyl

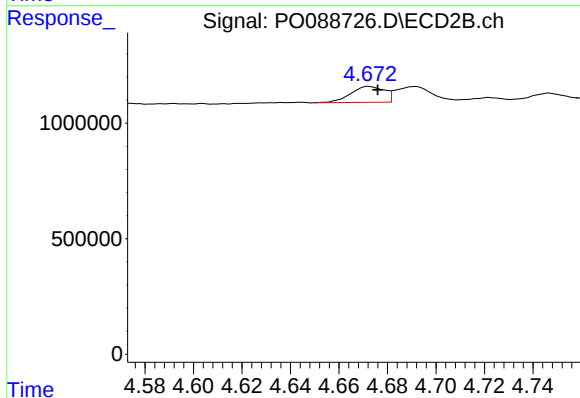
R.T.: 8.587 min
Delta R.T.: -0.005 min
Response: 21456408
Conc: 17.70 ng/ml



#3 AR-1016-1

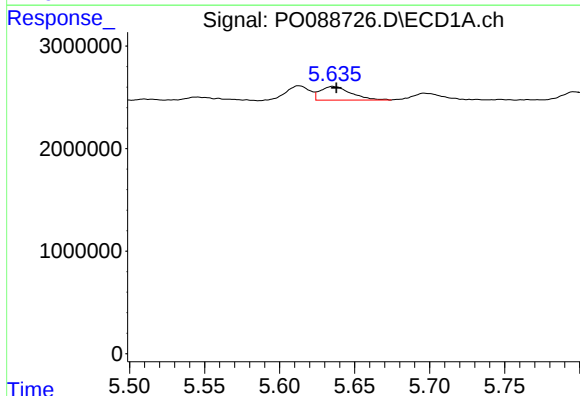
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 1533887
Conc: 19.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



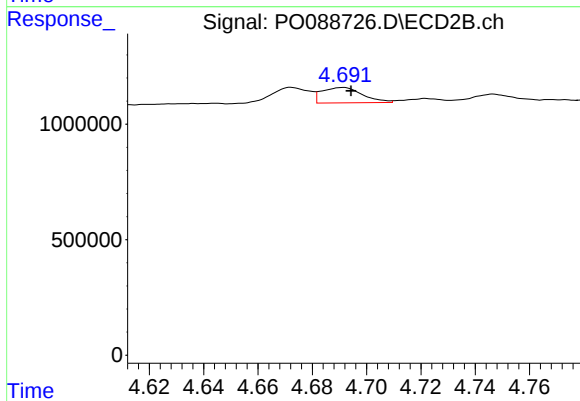
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 664606
Conc: 17.83 ng/ml



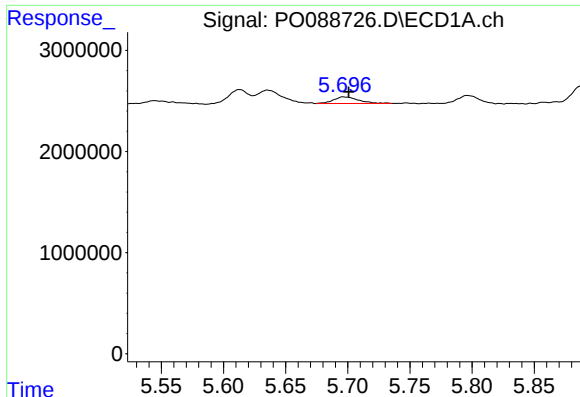
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 1898887
Conc: 16.46 ng/ml



#4 AR-1016-2

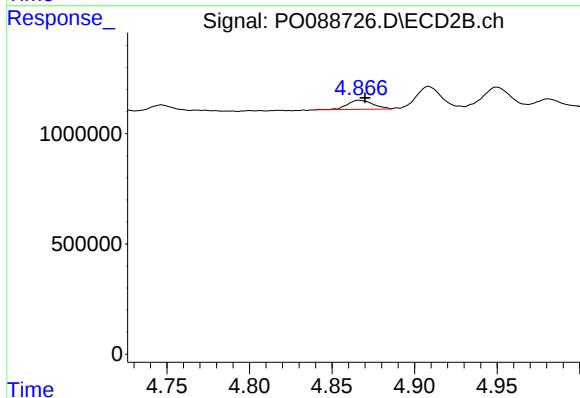
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 685348
Conc: 13.15 ng/ml



#5 AR-1016-3

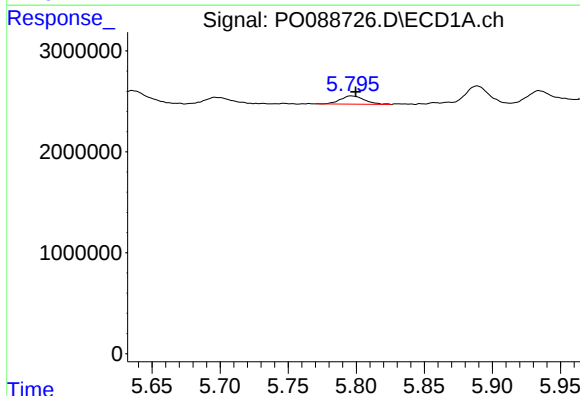
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 919947
Conc: 12.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



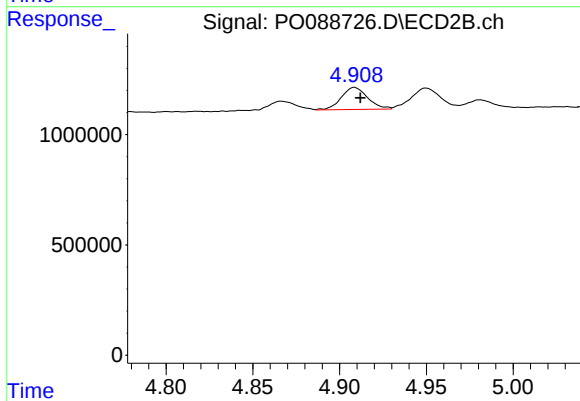
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 448944
Conc: 15.34 ng/ml



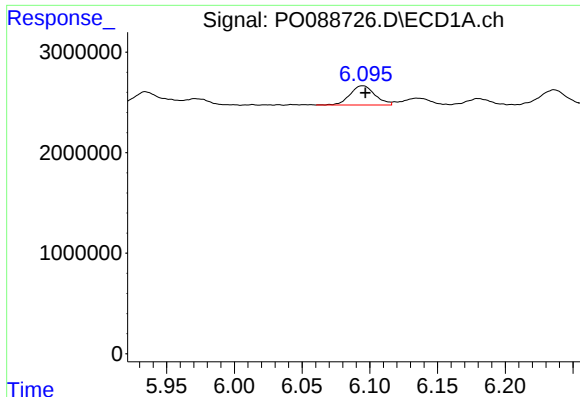
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 1005294
Conc: 17.53 ng/ml



#6 AR-1016-4

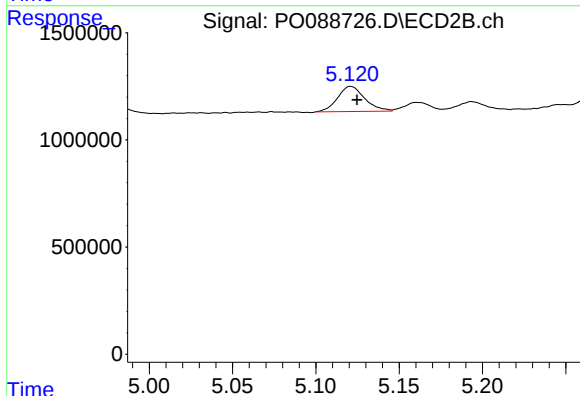
R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 1063112
Conc: 44.07 ng/ml



#7 AR-1016-5

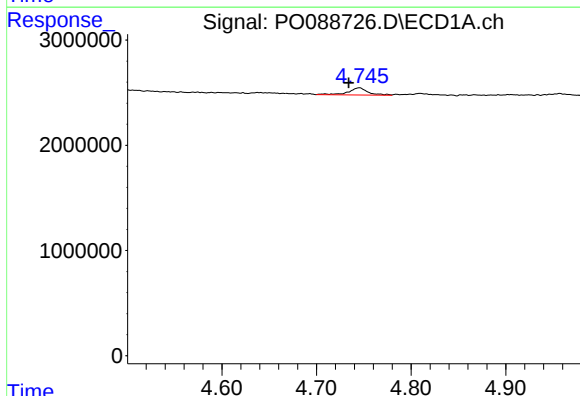
R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 2435932
Conc: 42.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



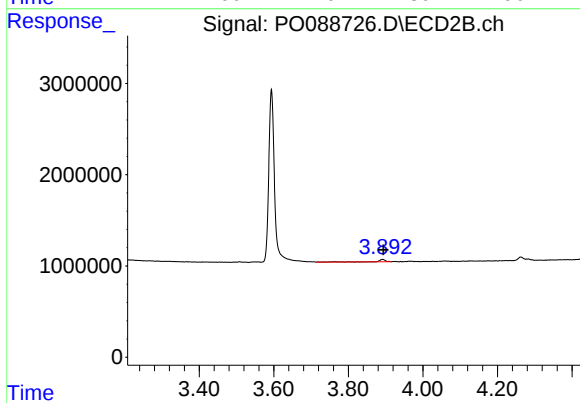
#7 AR-1016-5

R.T.: 5.121 min
Delta R.T.: -0.004 min
Response: 1328894
Conc: 40.74 ng/ml



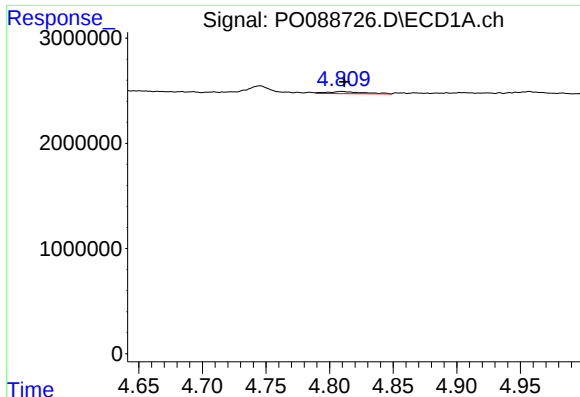
#9 AR-1221-2

R.T.: 4.745 min
Delta R.T.: 0.011 min
Response: 987309
Conc: 42.70 ng/ml



#9 AR-1221-2

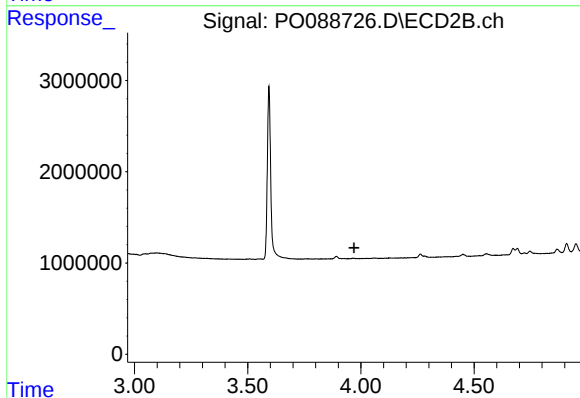
R.T.: 3.892 min
Delta R.T.: -0.001 min
Response: 343600
Conc: 38.04 ng/ml



#10 AR-1221-3

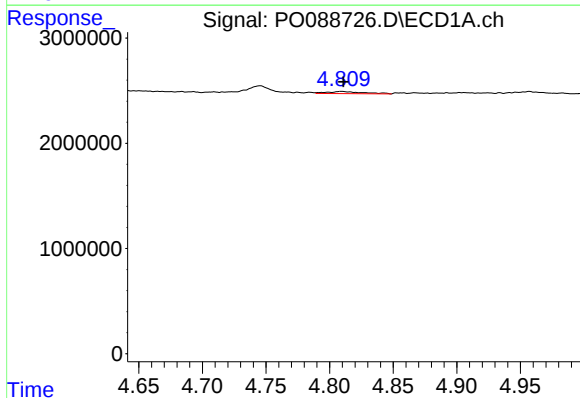
R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 389635
Conc: 5.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



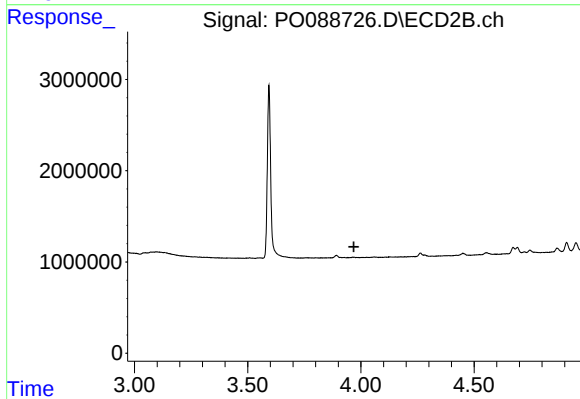
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



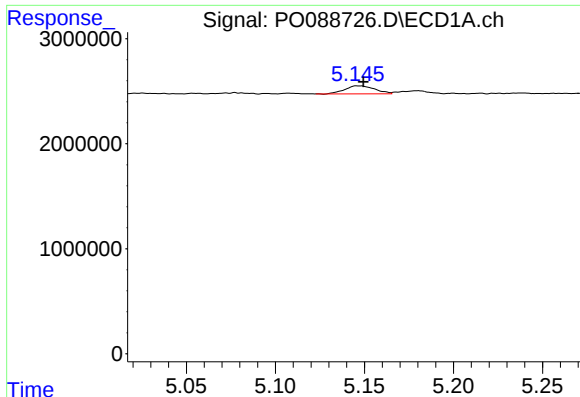
#11 AR-1232-1

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 389635
Conc: 7.01 ng/ml



#11 AR-1232-1

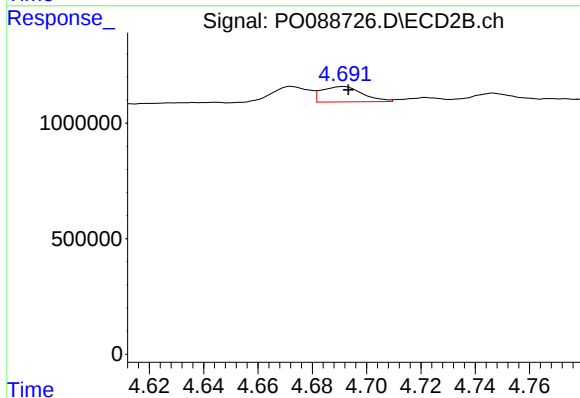
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#12 AR-1232-2

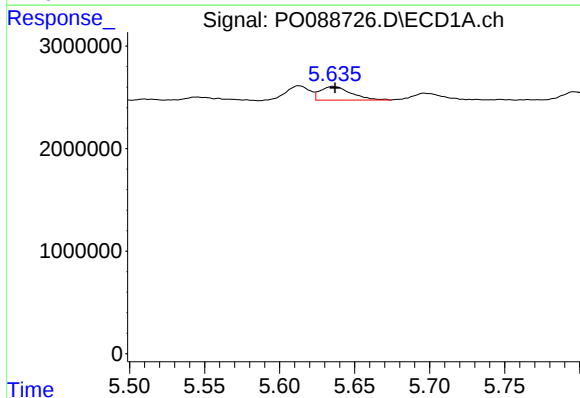
R.T.: 5.147 min
Delta R.T.: -0.003 min
Response: 879677
Conc: 31.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



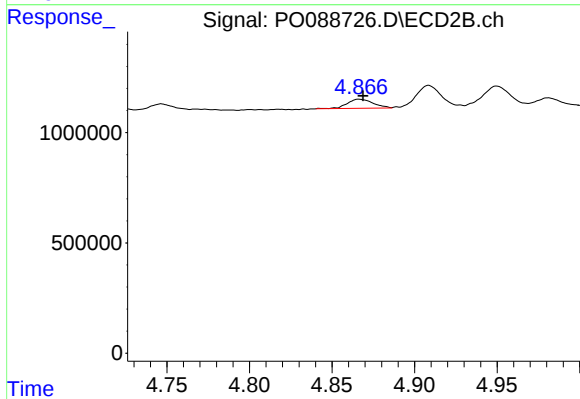
#12 AR-1232-2

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 685348
Conc: 29.68 ng/ml



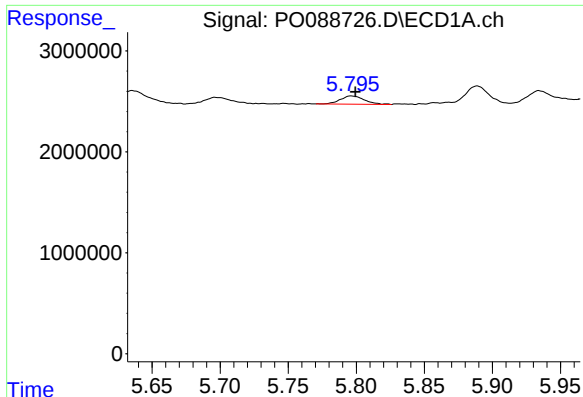
#13 AR-1232-3

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 1898887
Conc: 37.22 ng/ml



#13 AR-1232-3

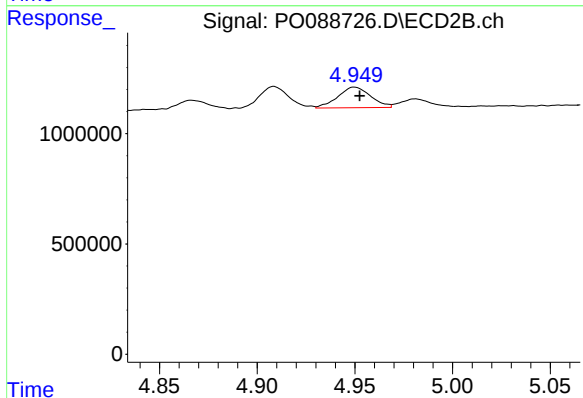
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 448944
Conc: 36.53 ng/ml



#14 AR-1232-4

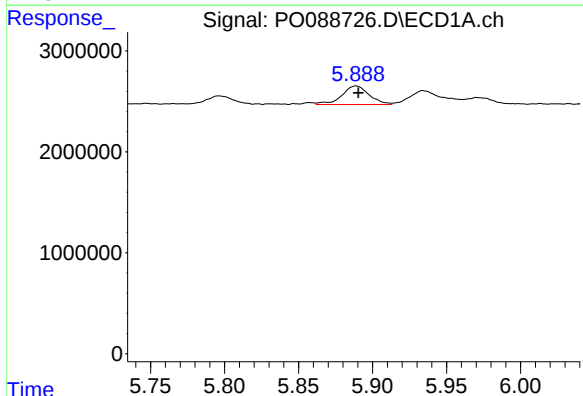
R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 1005294
Conc: 40.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



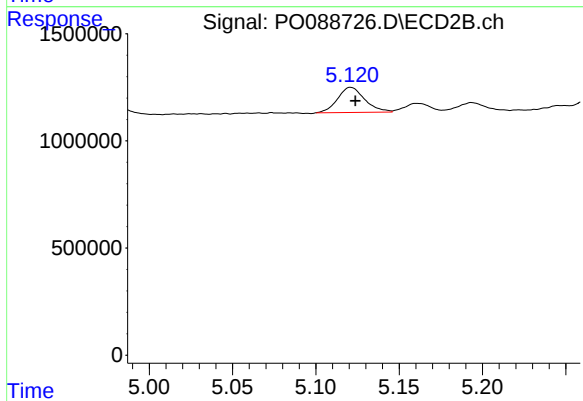
#14 AR-1232-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 1097947
Conc: 93.15 ng/ml



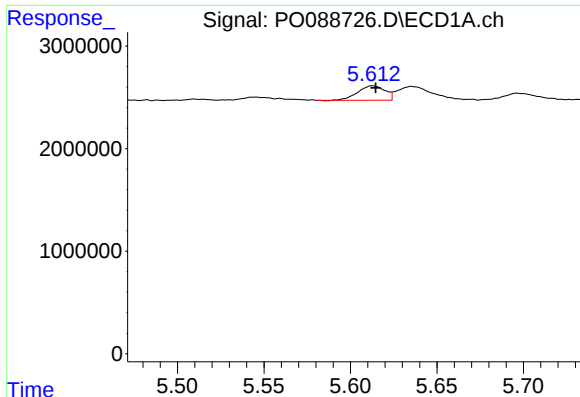
#15 AR-1232-5

R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 2342382
Conc: 113.81 ng/ml



#15 AR-1232-5

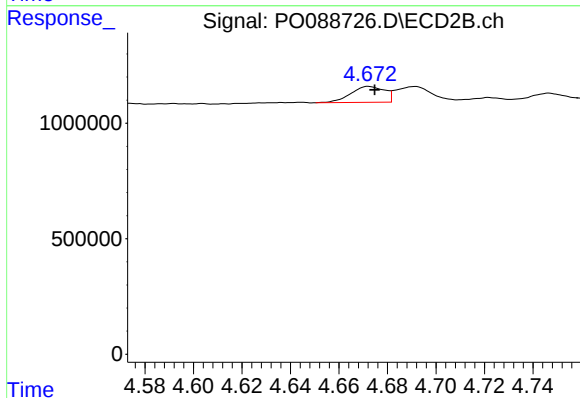
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 1328894
Conc: 98.77 ng/ml



#16 AR-1242-1

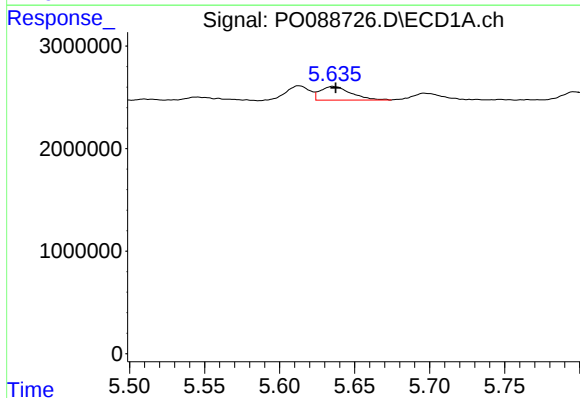
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 1533887
Conc: 22.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



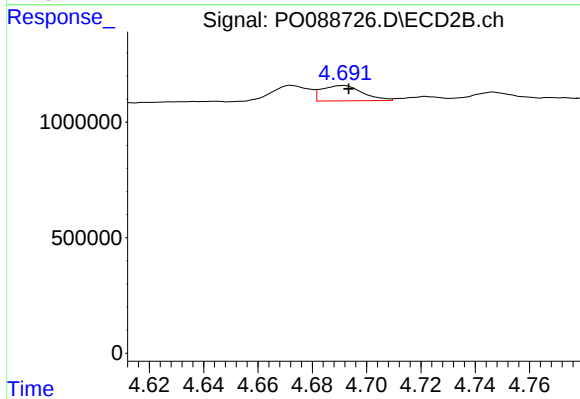
#16 AR-1242-1

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 664606
Conc: 21.68 ng/ml



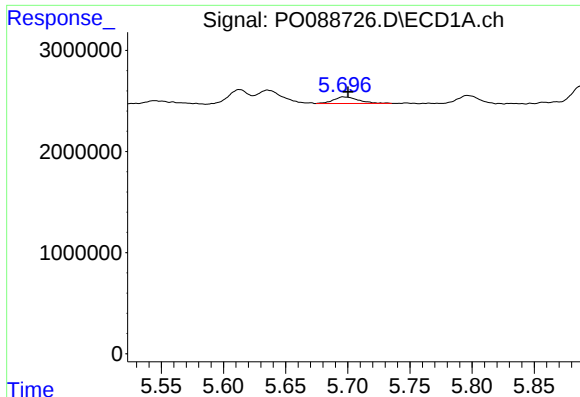
#17 AR-1242-2

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 1898887
Conc: 19.68 ng/ml



#17 AR-1242-2

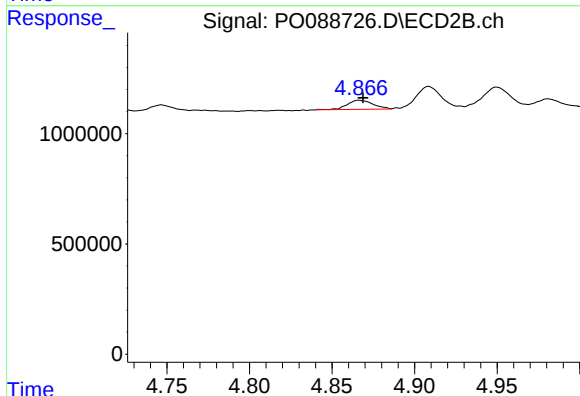
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 685348
Conc: 15.91 ng/ml



#18 AR-1242-3

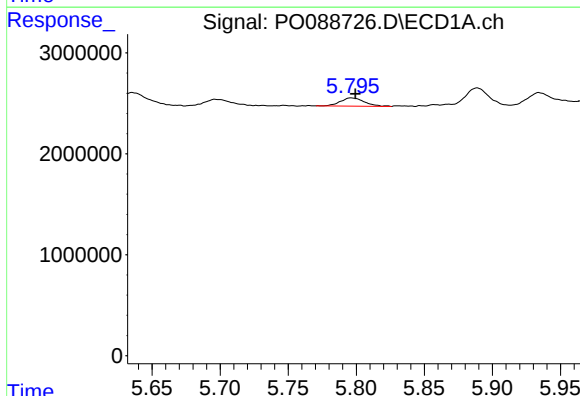
R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 919947
Conc: 15.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



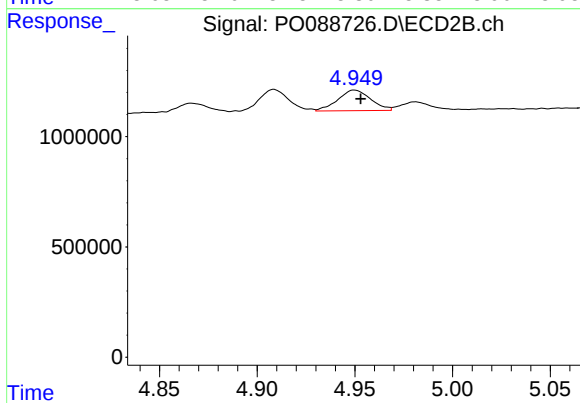
#18 AR-1242-3

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 448944
Conc: 18.70 ng/ml



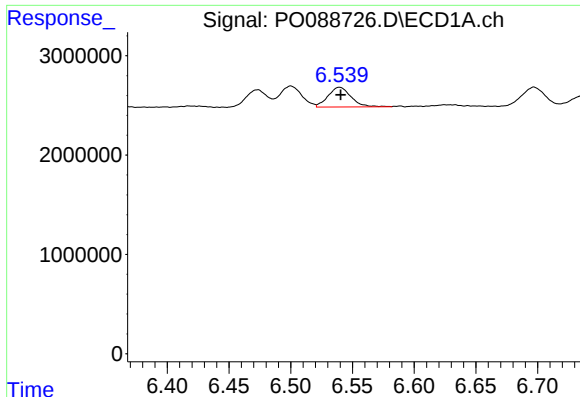
#19 AR-1242-4

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 1005294
Conc: 20.86 ng/ml



#19 AR-1242-4

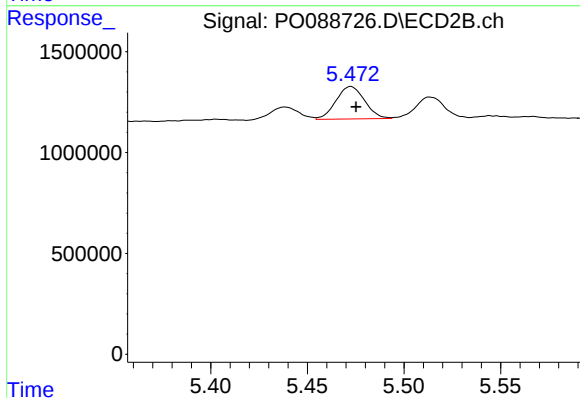
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 1097947
Conc: 43.55 ng/ml



#20 AR-1242-5

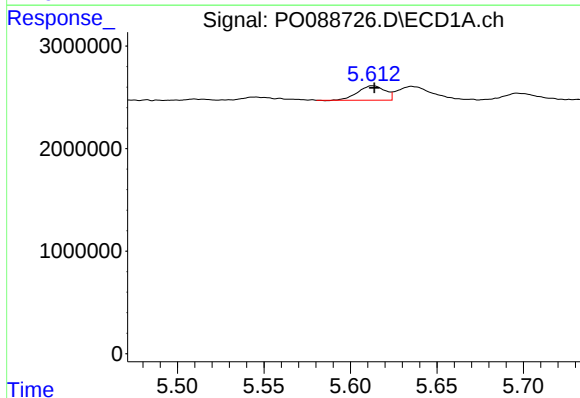
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2576417
Conc: 49.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



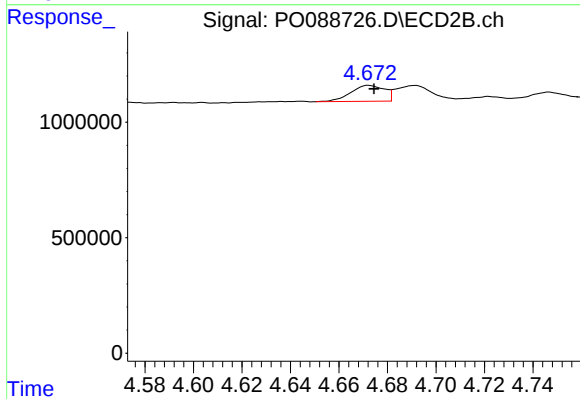
#20 AR-1242-5

R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 1661521
Conc: 52.19 ng/ml



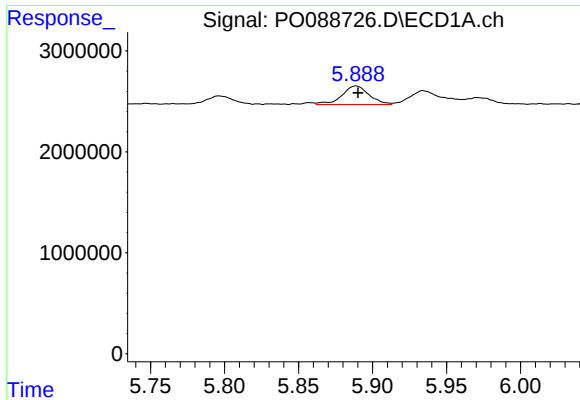
#21 AR-1248-1

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 1533887
Conc: 29.73 ng/ml



#21 AR-1248-1

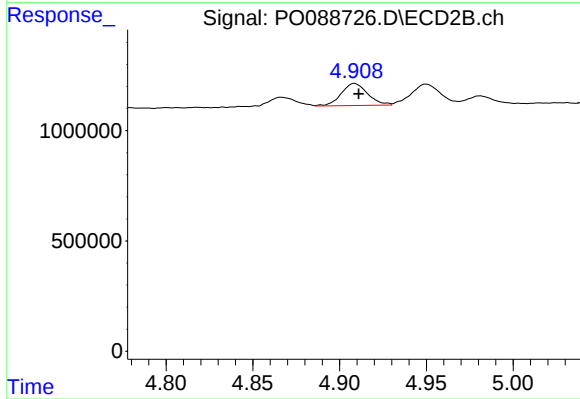
R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 664606
Conc: 28.30 ng/ml



#22 AR-1248-2

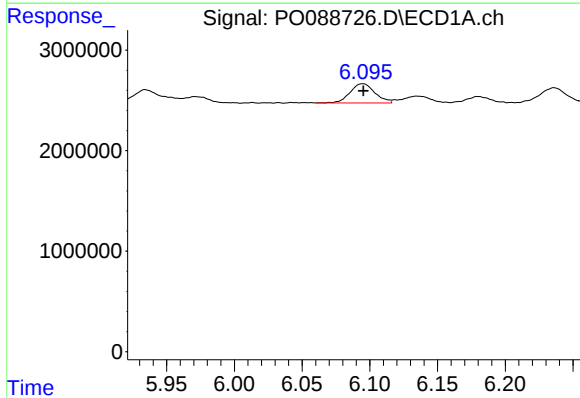
R.T.: 5.889 min
Delta R.T.: -0.001 min
Response: 2342382
Conc: 30.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



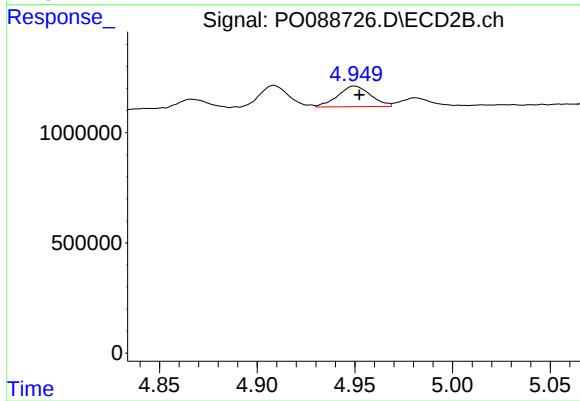
#22 AR-1248-2

R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 1063112
Conc: 29.62 ng/ml



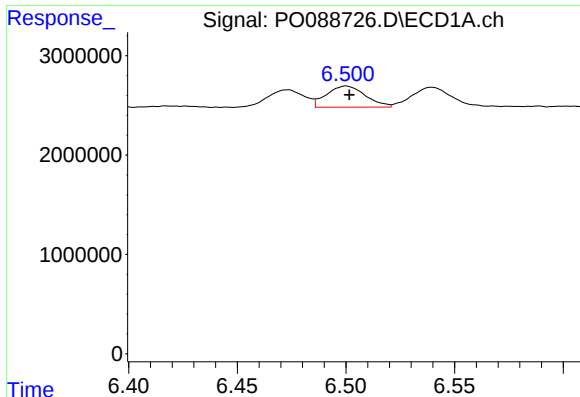
#23 AR-1248-3

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 2435932
Conc: 29.49 ng/ml



#23 AR-1248-3

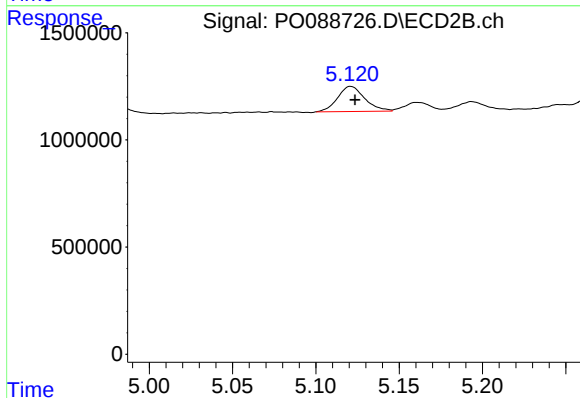
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 1097947
Conc: 28.84 ng/ml



#24 AR-1248-4

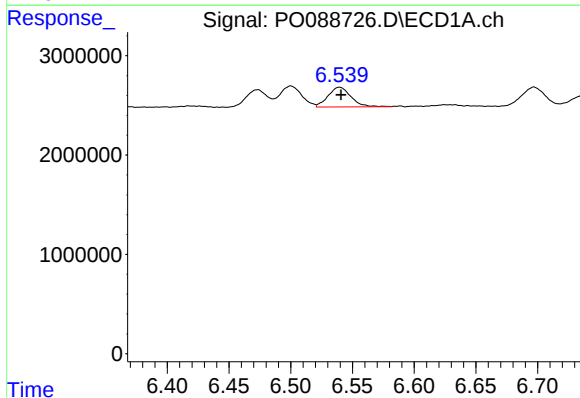
R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 2639123
Conc: 29.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



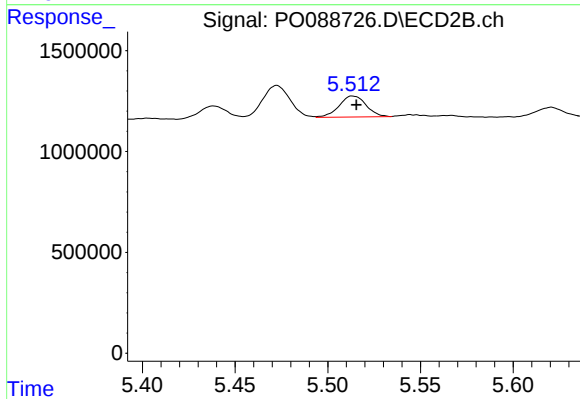
#24 AR-1248-4

R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1328894
Conc: 28.94 ng/ml



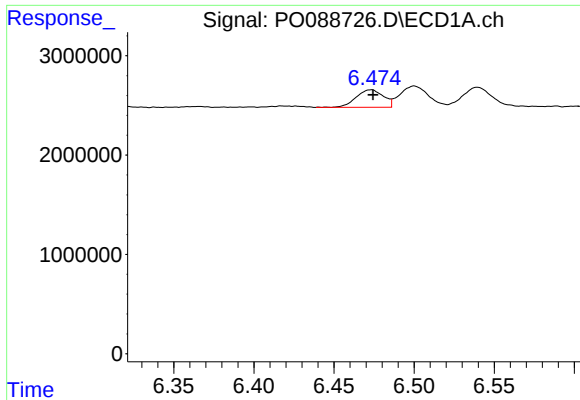
#25 AR-1248-5

R.T.: 6.540 min
Delta R.T.: -0.001 min
Response: 2576417
Conc: 29.07 ng/ml



#25 AR-1248-5

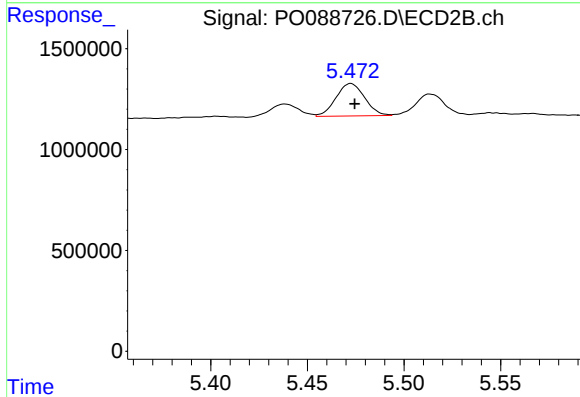
R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 1059247
Conc: 24.26 ng/ml



#26 AR-1254-1

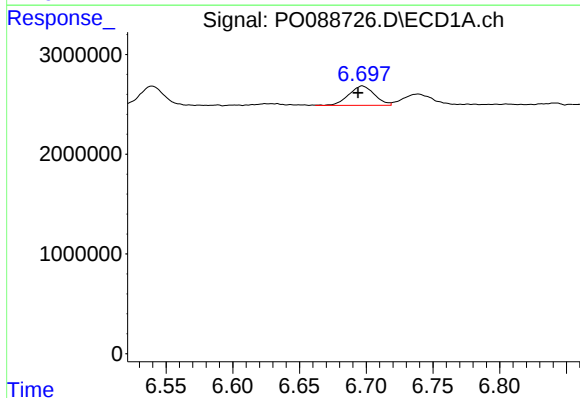
R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 2073736
Conc: 22.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



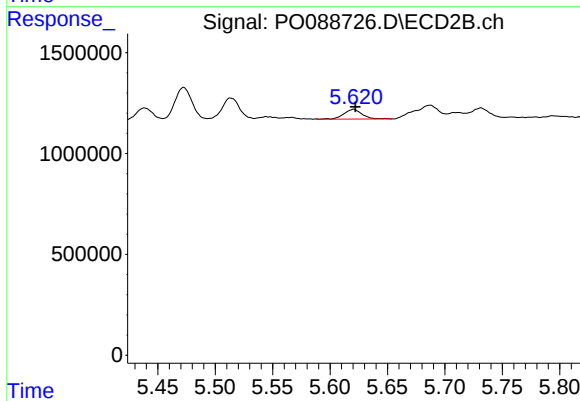
#26 AR-1254-1

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1661521
Conc: 24.12 ng/ml



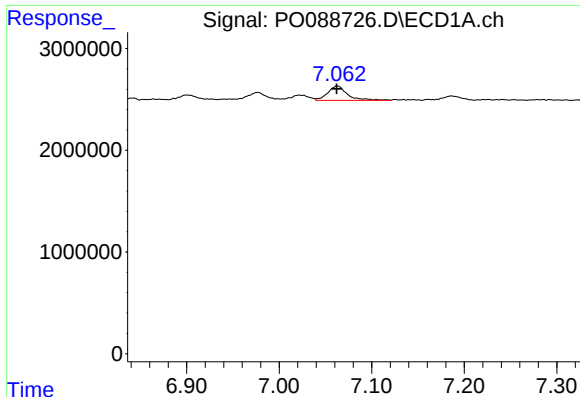
#27 AR-1254-2

R.T.: 6.697 min
Delta R.T.: 0.003 min
Response: 2610847
Conc: 19.09 ng/ml



#27 AR-1254-2

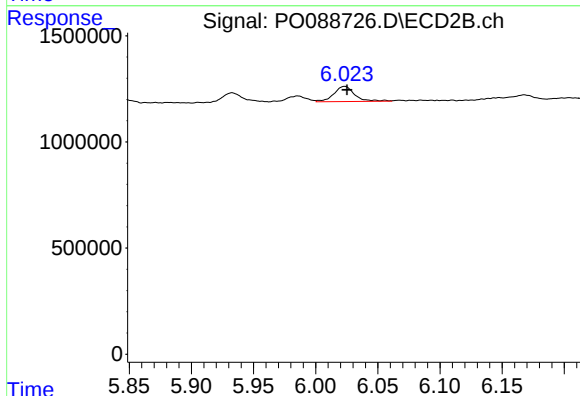
R.T.: 5.621 min
Delta R.T.: -0.002 min
Response: 542560
Conc: 9.16 ng/ml



#28 AR-1254-3

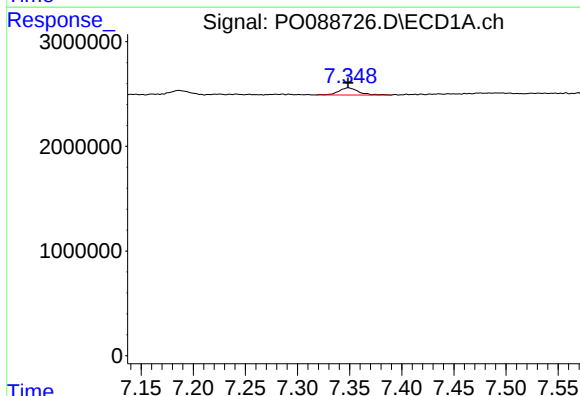
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 2108005
Conc: 14.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



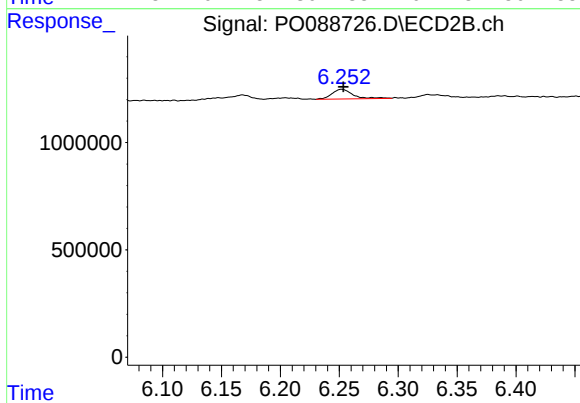
#28 AR-1254-3

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 834502
Conc: 8.97 ng/ml



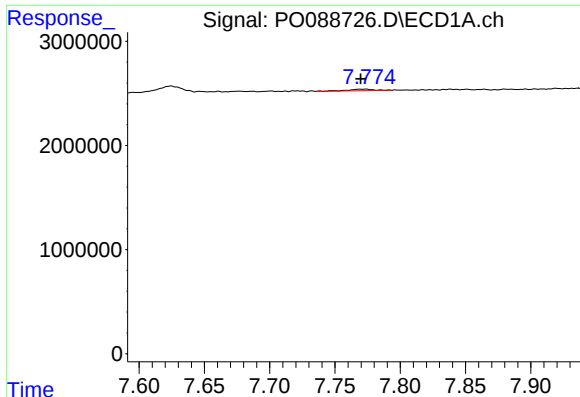
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: 0.000 min
Response: 911152
Conc: 9.02 ng/ml



#29 AR-1254-4

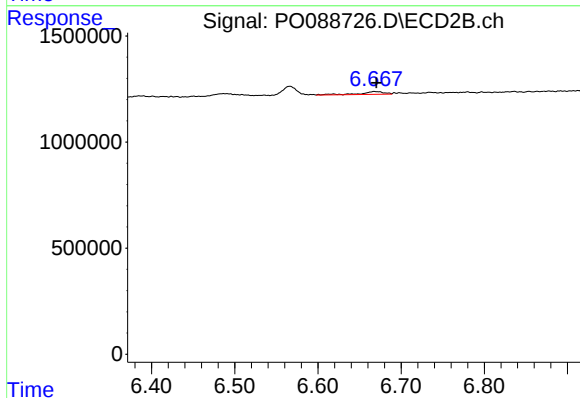
R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 567314
Conc: 10.01 ng/ml



#30 AR-1254-5

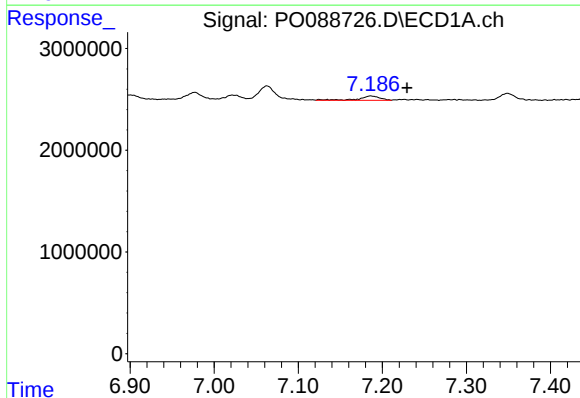
R.T.: 7.774 min
Delta R.T.: 0.004 min
Response: 214272
Conc: 2.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



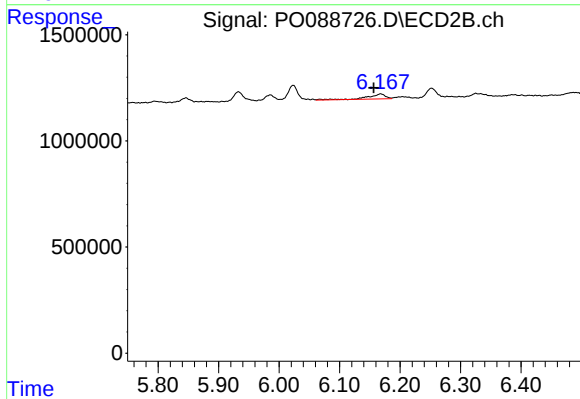
#30 AR-1254-5

R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 262745
Conc: 3.22 ng/ml



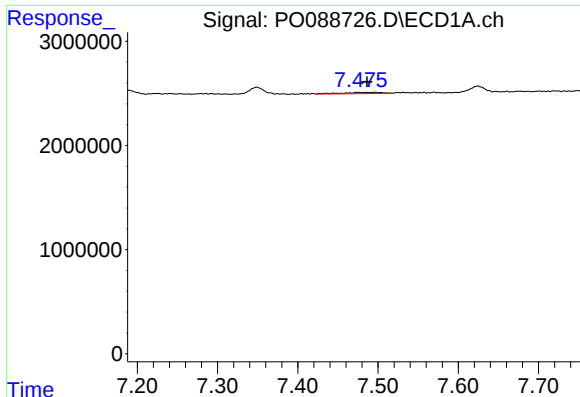
#31 AR-1260-1

R.T.: 7.186 min
Delta R.T.: -0.043 min
Response: 755187
Conc: 7.31 ng/ml



#31 AR-1260-1

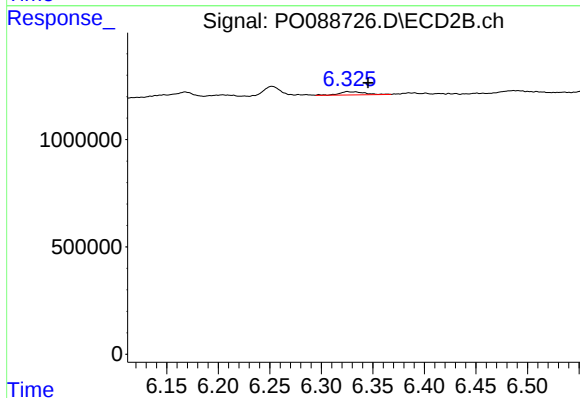
R.T.: 6.168 min
Delta R.T.: 0.011 min
Response: 472800
Conc: 7.44 ng/ml



#32 AR-1260-2

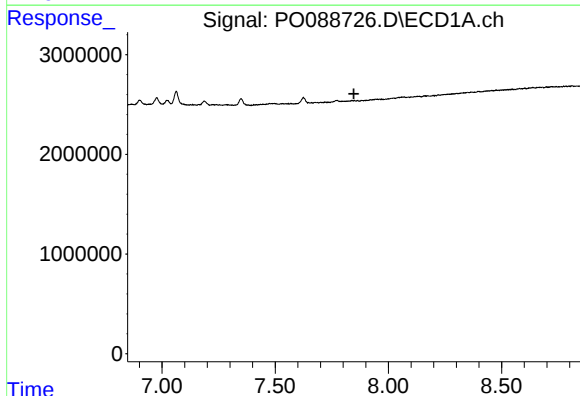
R.T.: 7.475 min
Delta R.T.: -0.011 min
Response: 415493
Conc: 3.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



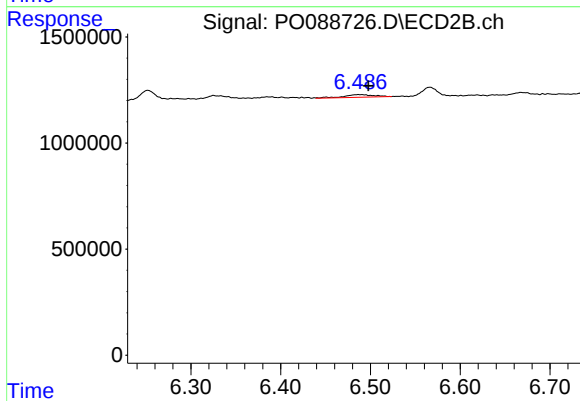
#32 AR-1260-2

R.T.: 6.325 min
Delta R.T.: -0.020 min
Response: 268406
Conc: 3.50 ng/ml



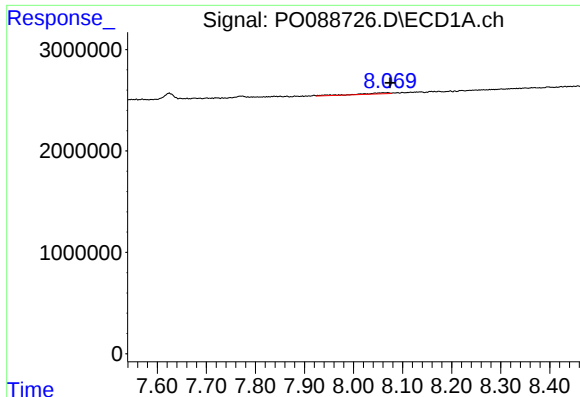
#33 AR-1260-3

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



#33 AR-1260-3

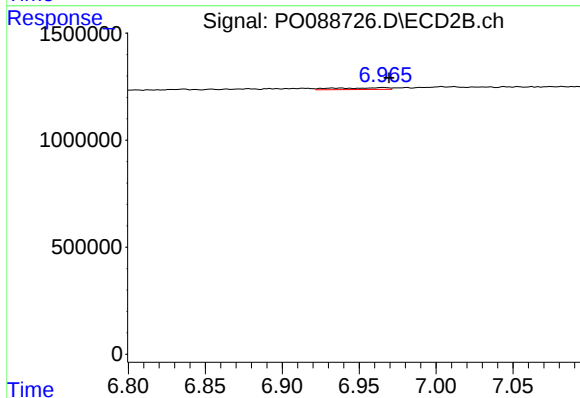
R.T.: 6.486 min
Delta R.T.: -0.011 min
Response: 296512
Conc: 4.13 ng/ml



#34 AR-1260-4

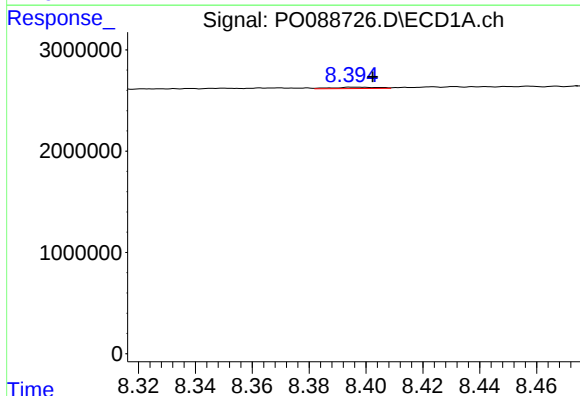
R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 419219
Conc: 4.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



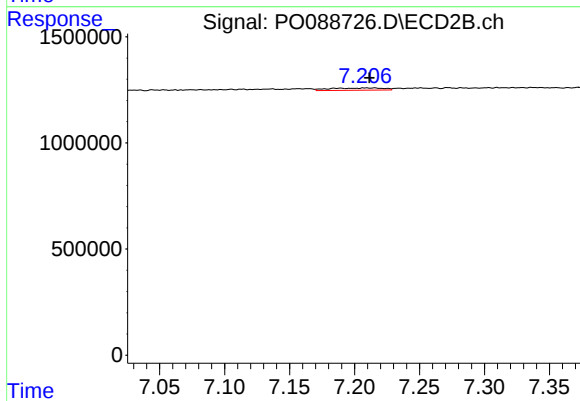
#34 AR-1260-4

R.T.: 6.966 min
Delta R.T.: -0.004 min
Response: 189275
Conc: 3.10 ng/ml



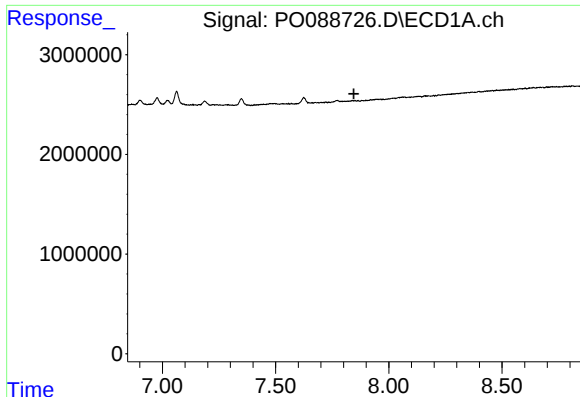
#35 AR-1260-5

R.T.: 8.396 min
Delta R.T.: -0.007 min
Response: 149751
Conc: 0.81 ng/ml



#35 AR-1260-5

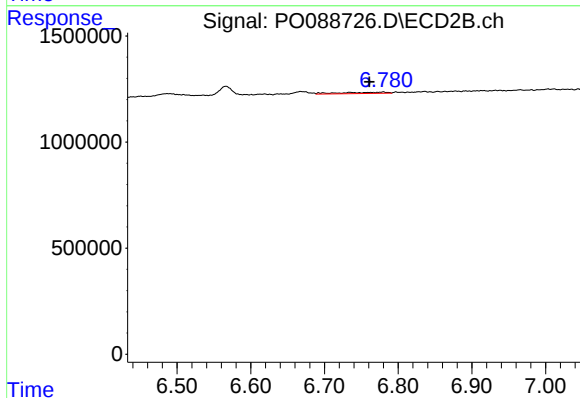
R.T.: 7.208 min
Delta R.T.: -0.003 min
Response: 309212
Conc: 2.19 ng/ml



#36 AR-1262-1

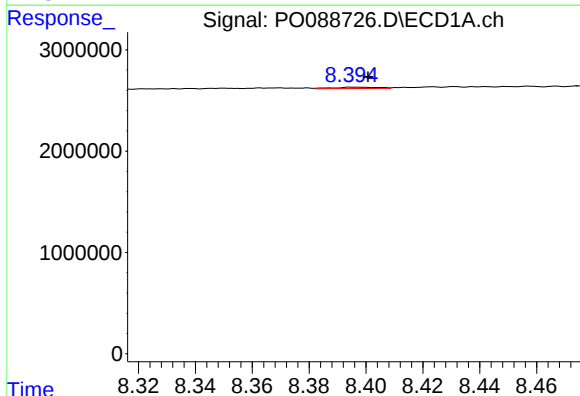
R.T.: 0.000 min
Exp R.T.: 7.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



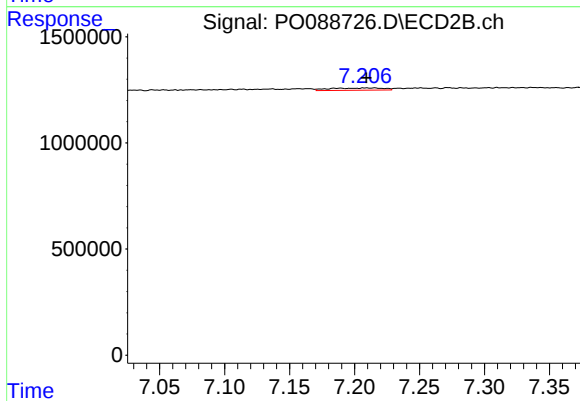
#36 AR-1262-1

R.T.: 6.780 min
Delta R.T.: 0.019 min
Response: 277791
Conc: 7.93 ng/ml



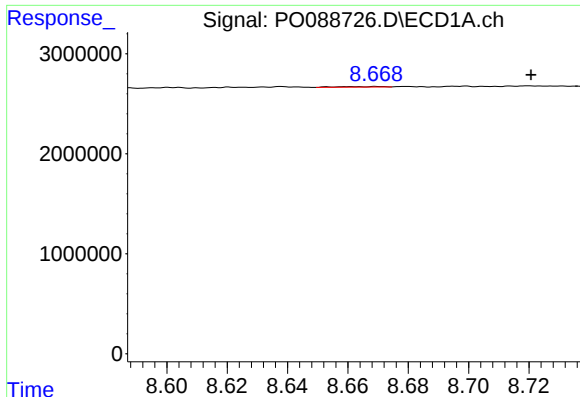
#37 AR-1262-2

R.T.: 8.396 min
Delta R.T.: -0.005 min
Response: 149751
Conc: 0.71 ng/ml



#37 AR-1262-2

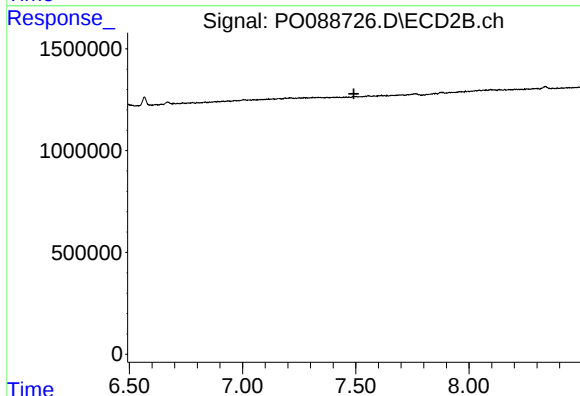
R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 309212
Conc: 2.02 ng/ml



#38 AR-1262-3

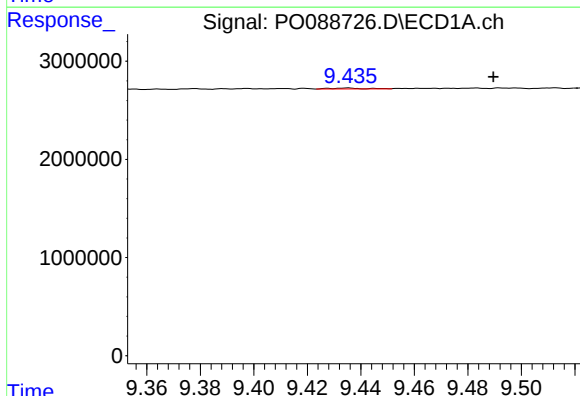
R.T.: 8.670 min
Delta R.T.: -0.051 min
Response: 58601
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



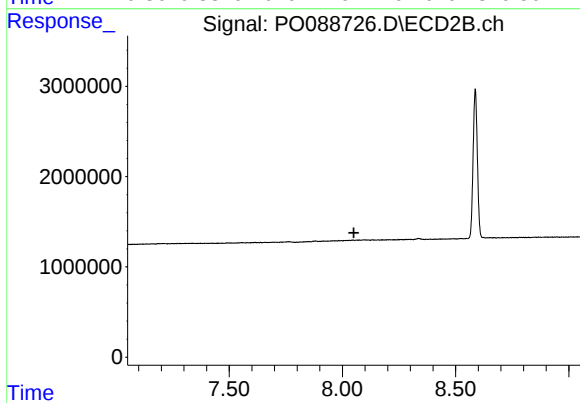
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.492 min
Response: 0
Conc: N.D.



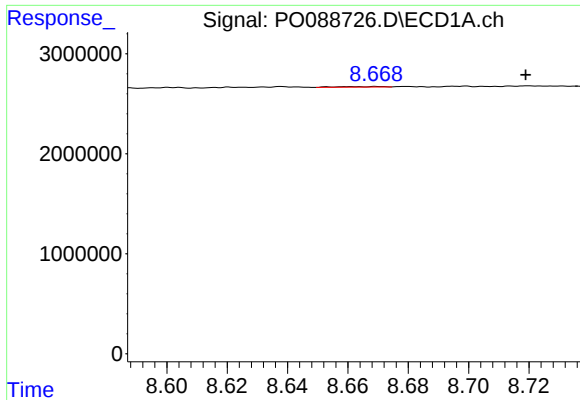
#40 AR-1262-5

R.T.: 9.435 min
Delta R.T.: -0.055 min
Response: 78319
Conc: 0.98 ng/ml



#40 AR-1262-5

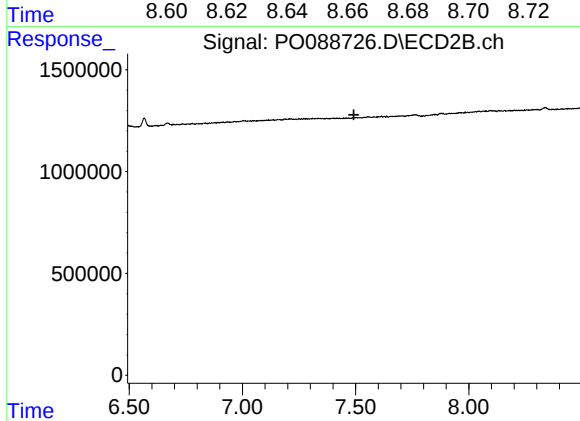
R.T.: 0.000 min
Exp R.T. : 8.051 min
Response: 0
Conc: N.D.



#41 AR-1268-1

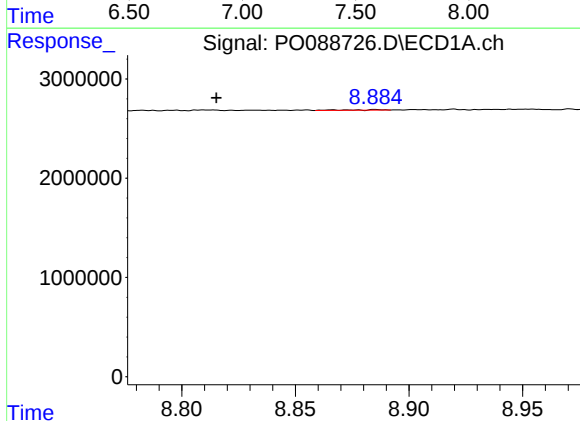
R.T.: 8.670 min
Delta R.T.: -0.049 min
Response: 58601
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



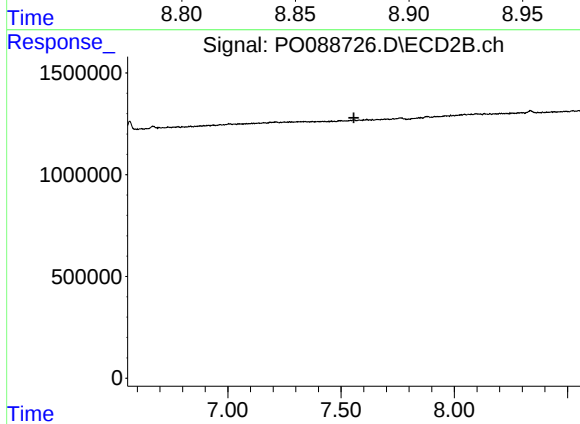
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.492 min
Response: 0
Conc: N.D.



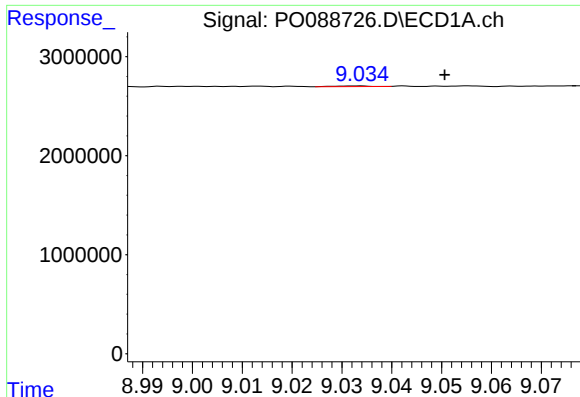
#42 AR-1268-2

R.T.: 8.885 min
Delta R.T.: 0.070 min
Response: 61484
Conc: 0.27 ng/ml



#42 AR-1268-2

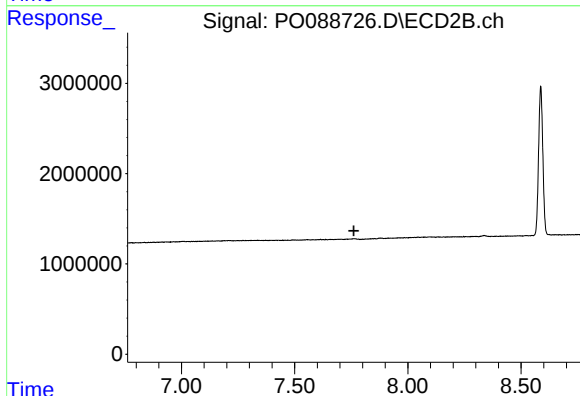
R.T.: 0.000 min
Exp R.T. : 7.557 min
Response: 0
Conc: N.D.



#43 AR-1268-3

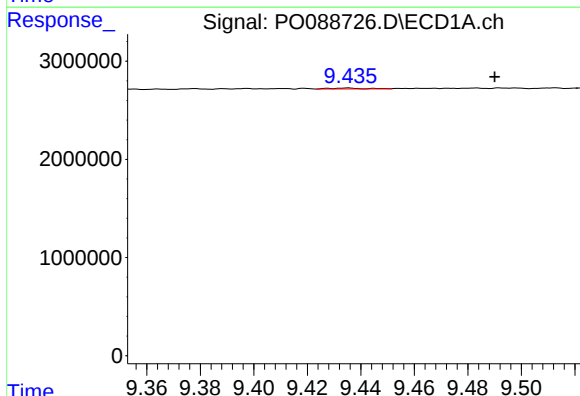
R.T.: 9.033 min
Delta R.T.: -0.018 min
Response: 29352
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



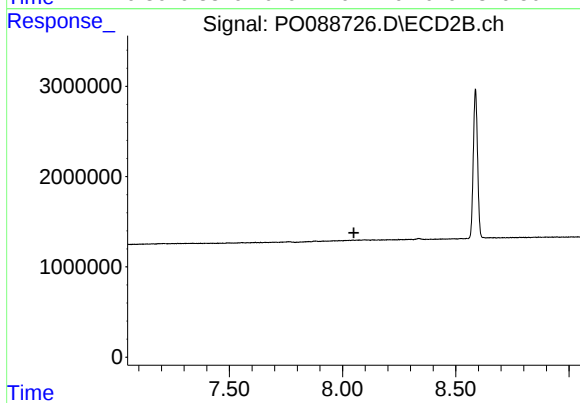
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.762 min
Response: 0
Conc: N.D.



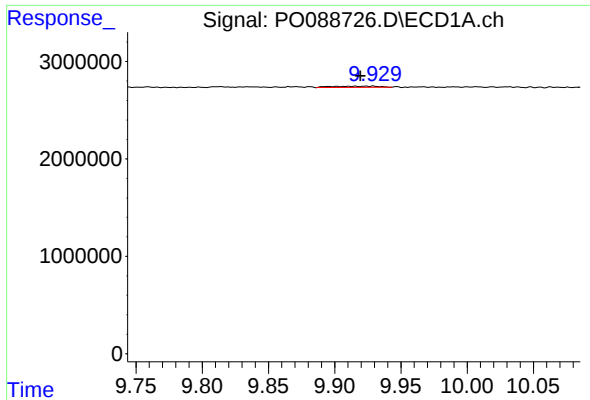
#44 AR-1268-4

R.T.: 9.435 min
Delta R.T.: -0.055 min
Response: 78319
Conc: 0.90 ng/ml



#44 AR-1268-4

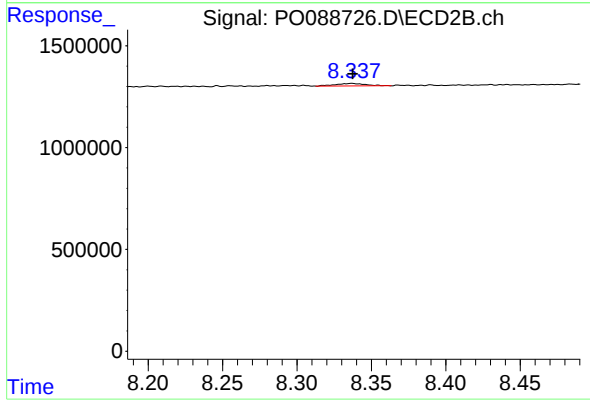
R.T.: 0.000 min
Exp R.T. : 8.050 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.929 min
Delta R.T.: 0.010 min
Response: 310518
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 181996
Conc: 0.45 ng/ml