

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 19:44
 Operator : YP/AJ
 Sample : 04093-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:40:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.409	3.613	54096349	22087674	16.342	16.685
2) SA Decachlor...	10.341	8.623	26475014	12598192	12.099	10.889
Target Compounds						
3) L1 AR-1016-1	5.577	4.729	1465517	2645603	15.560	59.672 #
4) L1 AR-1016-2	5.577f	4.729	1465517	2645603	10.955	43.249 #
5) L1 AR-1016-3	5.657	4.888	5842169	285126	67.135	8.728 #
6) L1 AR-1016-4	5.772	4.949	19531	1289947	0.291	45.125 #
7) L1 AR-1016-5	6.098	5.157	1808006	644674	25.896	16.768 #
8) L2 AR-1221-1	4.616	0.000	687930	0	16.880	N.D. #
9) L2 AR-1221-2	4.720	3.912	1489014	608165	49.013	47.069
10) L2 AR-1221-3	4.793	3.961f	1712082	1696881	19.560	42.749 #
11) L3 AR-1232-1	4.793	3.961f	1712082	1696881	23.475	52.458 #
12) L3 AR-1232-2	5.311	4.729	653876	2645603	16.493	91.694 #
13) L3 AR-1232-3	5.577f	4.888	1465517	285126	23.957	18.805
14) L3 AR-1232-4	5.772	4.949f	19531	1289947	0.640	86.315 #
15) L3 AR-1232-5	5.878	5.157	1186575	644674	42.403	39.437
16) L4 AR-1242-1	5.577	4.729	1465517	2645603	17.485	67.105 #
17) L4 AR-1242-2	5.577f	4.729	1465517	2645603	12.445	48.551 #
18) L4 AR-1242-3	5.657	4.888	5842169	285126	79.085	9.643 #
19) L4 AR-1242-4	5.772	4.949f	19531	1289947	0.328	40.933 #
20) L4 AR-1242-5	6.536	5.499	2634943	2387597	47.891	65.528 #
21) L5 AR-1248-1	5.577	4.729	1465517	2645603	25.011	94.275 #
22) L5 AR-1248-2	5.878	4.949	1186575	1289947	12.621	30.437 #
23) L5 AR-1248-3	6.098	4.949f	1808006	1289947	18.485	29.407 #
24) L5 AR-1248-4	6.495	5.157	1754349	644674	19.312	12.628 #
25) L5 AR-1248-5	6.536	5.591f	2634943	3412649	29.913	72.995 #
26) L6 AR-1254-1	6.468	5.499	2988409	2387597	27.344	32.354
27) L6 AR-1254-2	6.691	5.647	5445500	3404442	33.775	51.676 #
28) L6 AR-1254-3	7.068	6.050	37199723	9029707	237.399	89.348 #
29) L6 AR-1254-4	7.359	6.280	22005227	11948990	218.267	206.463
30) L6 AR-1254-5	7.792	6.698	35859657	12800646	319.564	145.602 #
31) L7 AR-1260-1	7.234	6.181	20580119	7539598	163.740	107.145 #
32) L7 AR-1260-2	7.499	6.370	19360534	5361205	143.693	64.234 #
33) L7 AR-1260-3	7.849	6.522	5855641	4934832	56.427	63.906
34) L7 AR-1260-4	8.087	6.995	9125634	1111494	81.622	17.345 #
35) L7 AR-1260-5	8.433	7.238	3492295	1722218	16.632	12.423 #
36) L8 AR-1262-1	7.849	6.787	5855641	230903	39.425	5.865 #
37) L8 AR-1262-2	8.433	6.995	3492295	1111494	15.088	13.704
38) L8 AR-1262-3	8.777	7.531	5083362	365868	30.476	5.701 #
39) L8 AR-1262-4	8.876	7.584	11048819	2371659	151.547	20.877 #
40) L8 AR-1262-5	9.527	8.084	62171	268712	0.747	5.117 #
41) L9 AR-1268-1	8.777	7.531	5083362	365868	16.536	1.975 #

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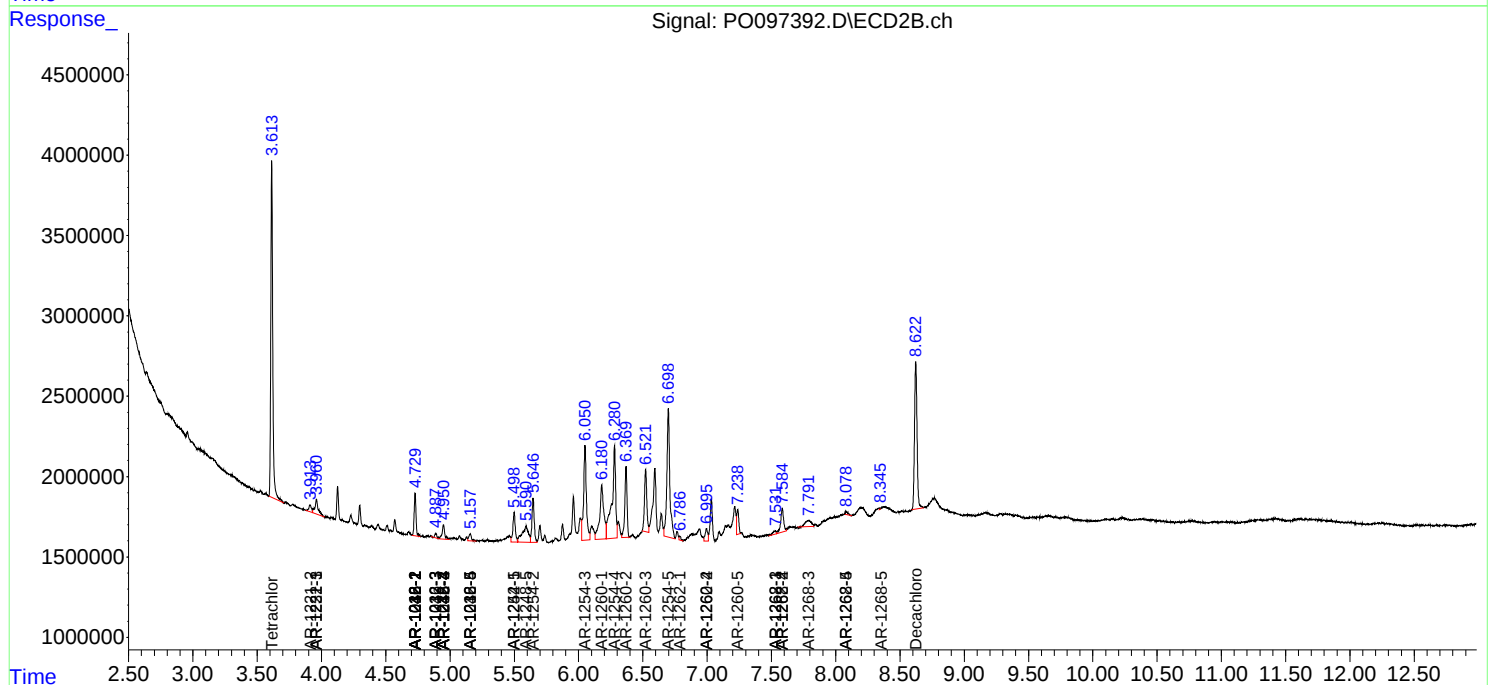
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

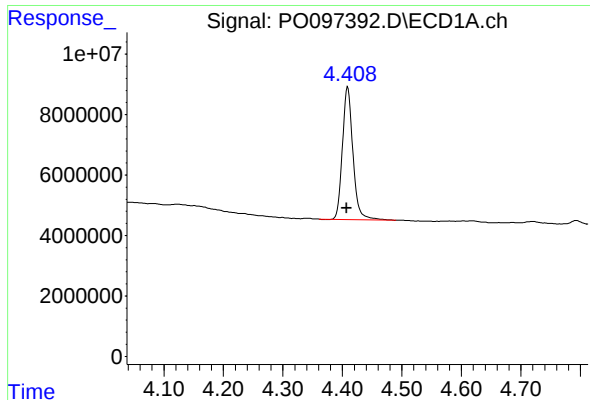
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.876	7.584	11048819	2371659	40.295	14.143 #
43) L9	AR-1268-3	9.101	7.791	42594	1299422	0.167	8.994 #
44) L9	AR-1268-4	9.527	8.084	62171	268712	0.671	4.511 #
45) L9	AR-1268-5	10.007	8.346f	670193	43157	0.830	0.104 #

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

Instrument :
ECD_O
ClientSampleId :

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

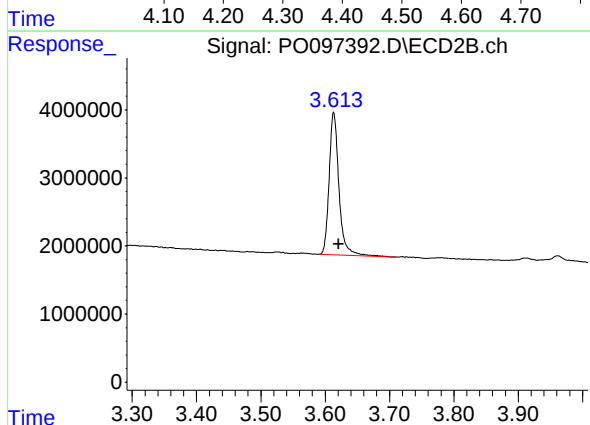




#1 Tetrachloro-m-xylene

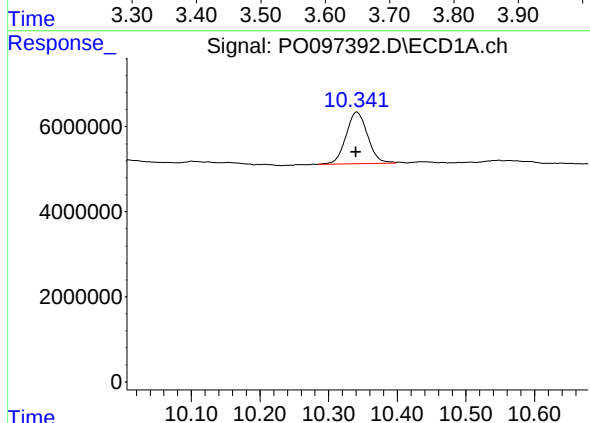
R.T.: 4.409 min
Delta R.T.: 0.002 min
Response: 54096349
Conc: 16.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



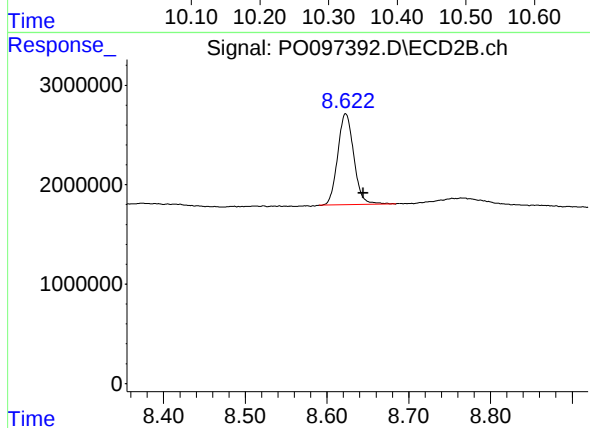
#1 Tetrachloro-m-xylene

R.T.: 3.613 min
Delta R.T.: -0.008 min
Response: 22087674
Conc: 16.69 ng/ml



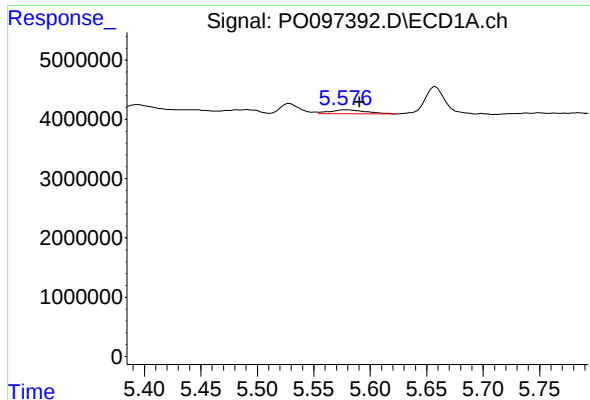
#2 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: 0.002 min
Response: 26475014
Conc: 12.10 ng/ml



#2 Decachlorobiphenyl

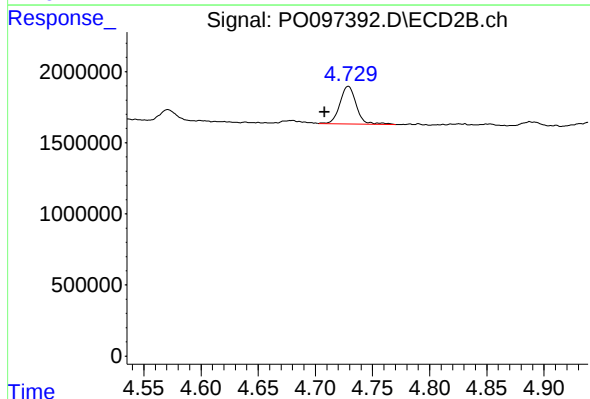
R.T.: 8.623 min
Delta R.T.: -0.021 min
Response: 12598192
Conc: 10.89 ng/ml



#3 AR-1016-1

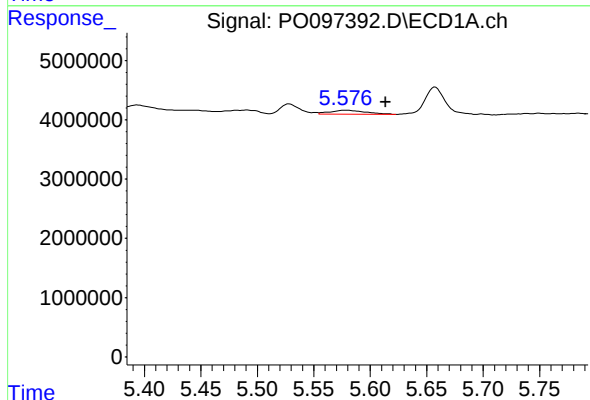
R.T.: 5.577 min
Delta R.T.: -0.014 min
Response: 1465517
Conc: 15.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



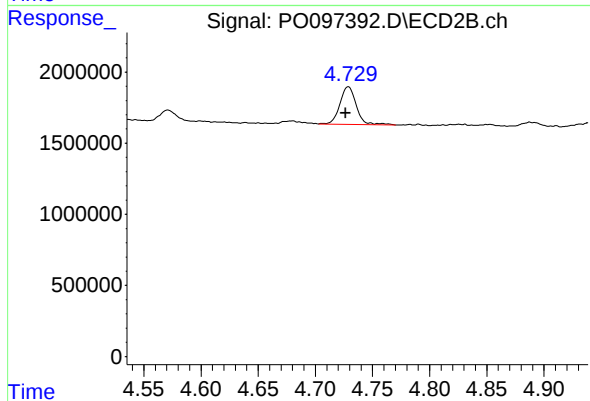
#3 AR-1016-1

R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 2645603
Conc: 59.67 ng/ml



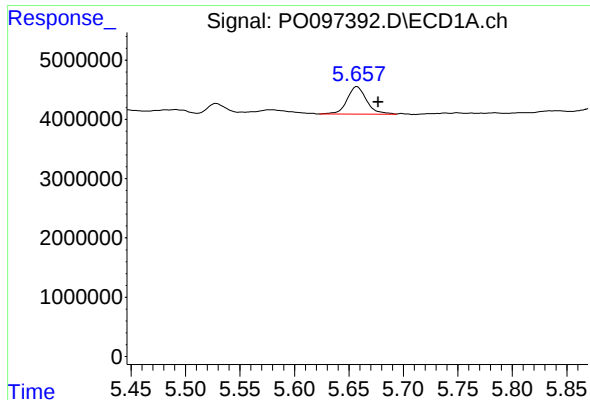
#4 AR-1016-2

R.T.: 5.577 min
Delta R.T.: -0.037 min
Response: 1465517
Conc: 10.96 ng/ml



#4 AR-1016-2

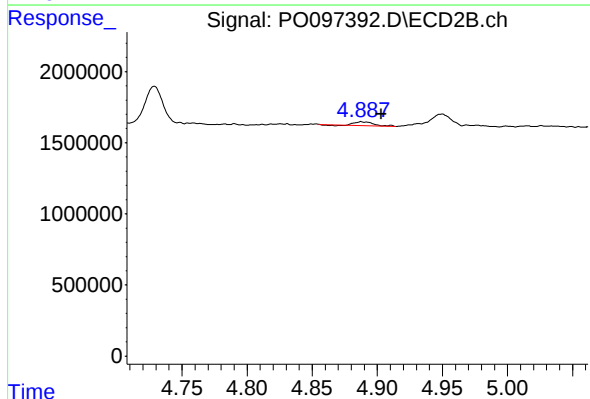
R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 2645603
Conc: 43.25 ng/ml



#5 AR-1016-3

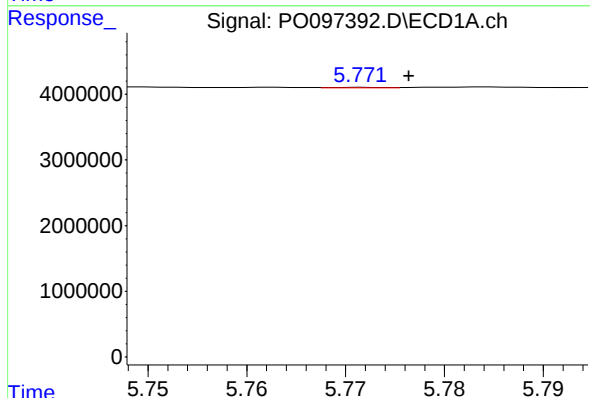
R.T.: 5.657 min
Delta R.T.: -0.019 min
Response: 5842169
Conc: 67.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



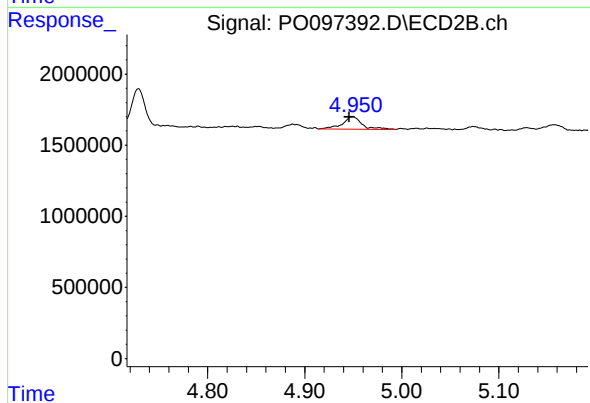
#5 AR-1016-3

R.T.: 4.888 min
Delta R.T.: -0.015 min
Response: 285126
Conc: 8.73 ng/ml



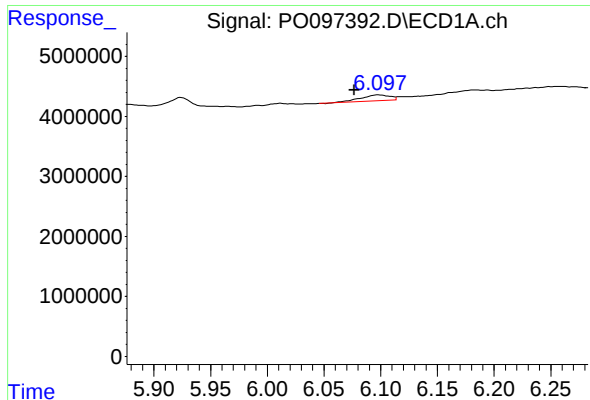
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 19531
Conc: 0.29 ng/ml



#6 AR-1016-4

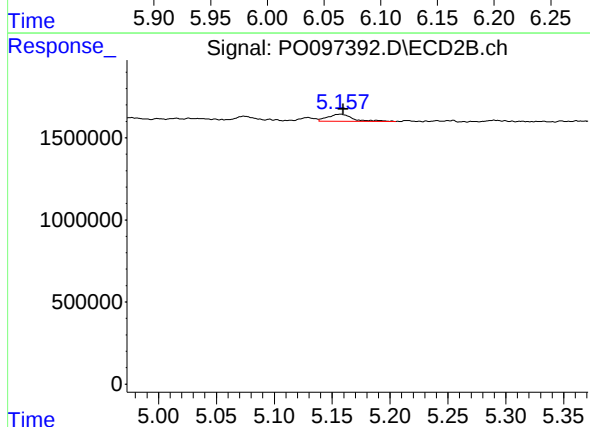
R.T.: 4.949 min
Delta R.T.: 0.004 min
Response: 1289947
Conc: 45.12 ng/ml



#7 AR-1016-5

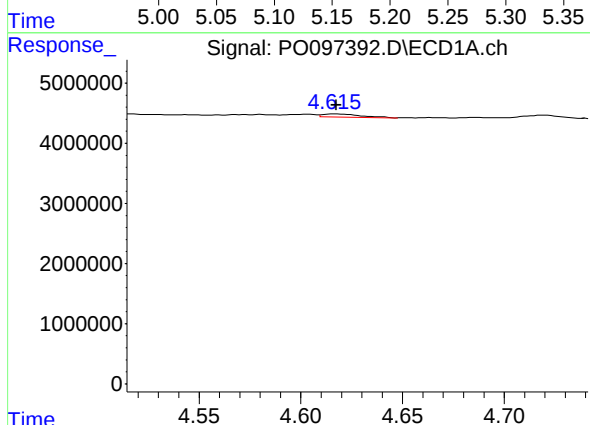
R.T.: 6.098 min
Delta R.T.: 0.021 min
Response: 1808006
Conc: 25.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



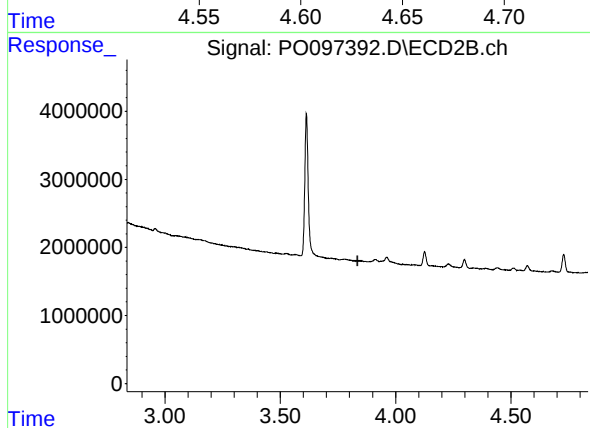
#7 AR-1016-5

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 644674
Conc: 16.77 ng/ml



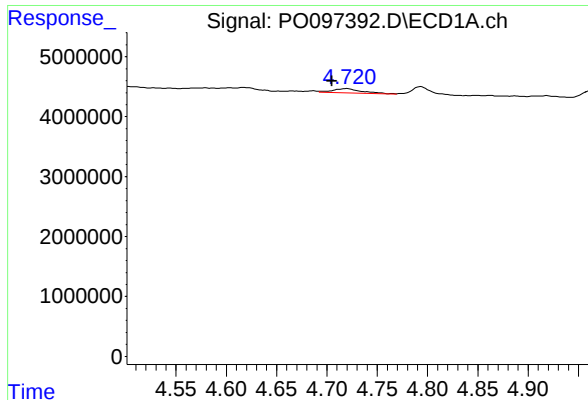
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.001 min
Response: 687930
Conc: 16.88 ng/ml



#8 AR-1221-1

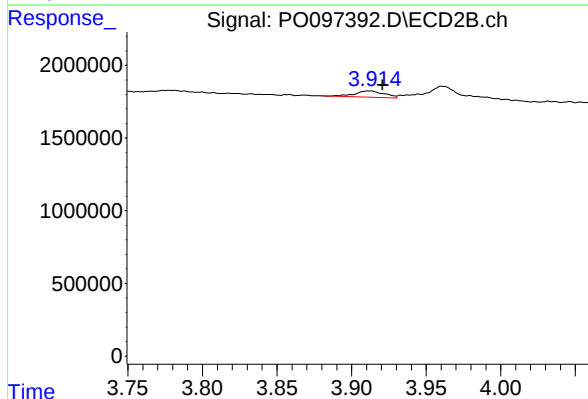
R.T.: 0.000 min
Exp R.T. : 3.835 min
Response: 0
Conc: N.D.



#9 AR-1221-2

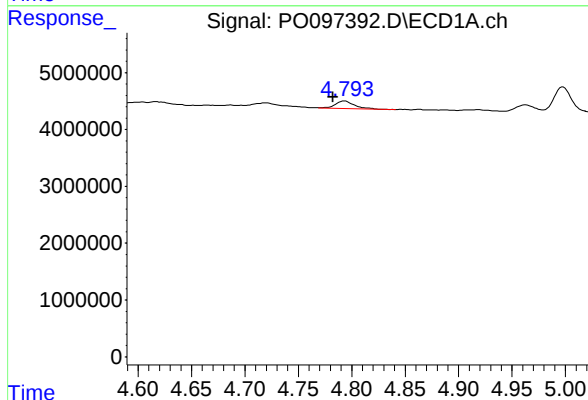
R.T.: 4.720 min
Delta R.T.: 0.015 min
Response: 1489014
Conc: 49.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



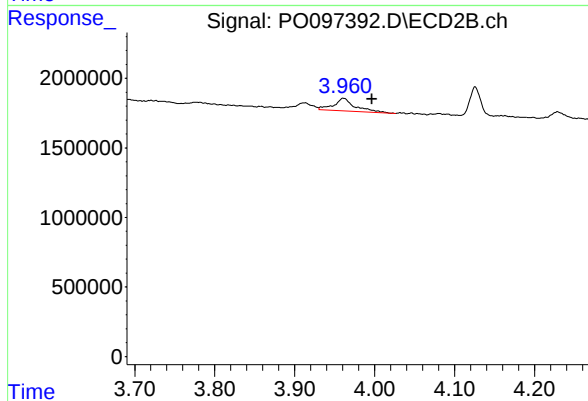
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.009 min
Response: 608165
Conc: 47.07 ng/ml



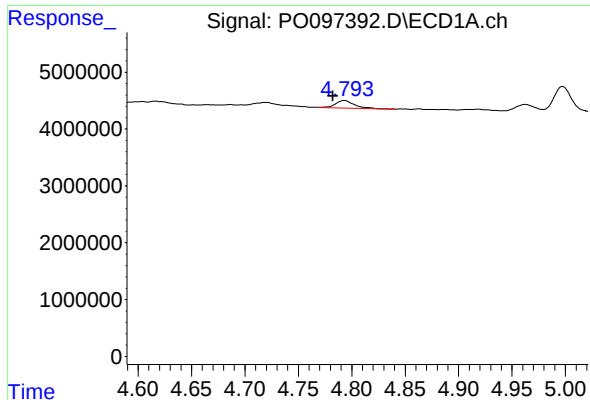
#10 AR-1221-3

R.T.: 4.793 min
Delta R.T.: 0.011 min
Response: 1712082
Conc: 19.56 ng/ml



#10 AR-1221-3

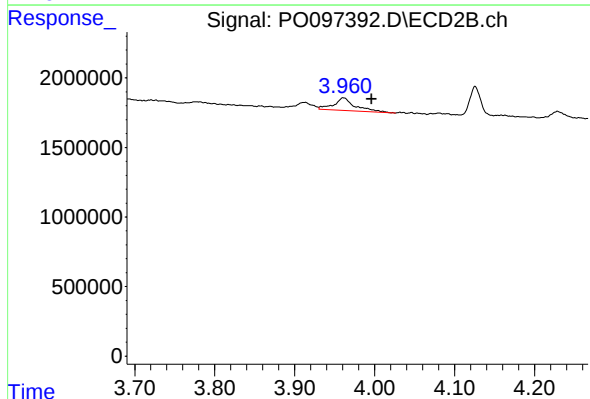
R.T.: 3.961 min
Delta R.T.: -0.036 min
Response: 1696881
Conc: 42.75 ng/ml



#11 AR-1232-1

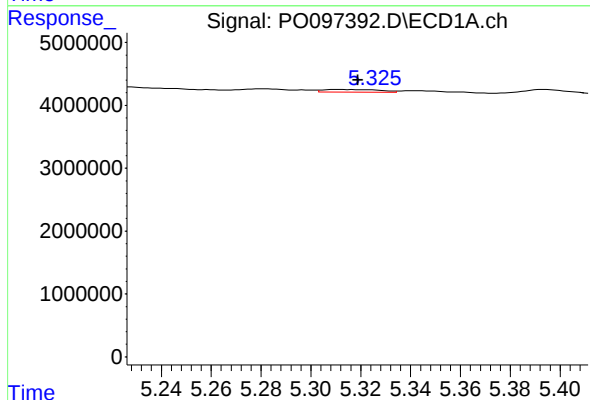
R.T.: 4.793 min
Delta R.T.: 0.011 min
Response: 1712082
Conc: 23.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



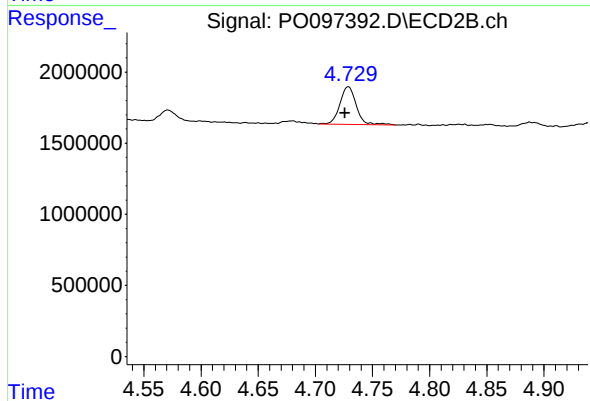
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: -0.035 min
Response: 1696881
Conc: 52.46 ng/ml



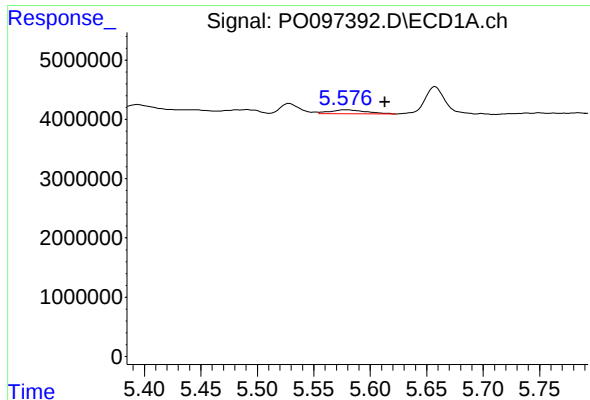
#12 AR-1232-2

R.T.: 5.311 min
Delta R.T.: -0.008 min
Response: 653876
Conc: 16.49 ng/ml



#12 AR-1232-2

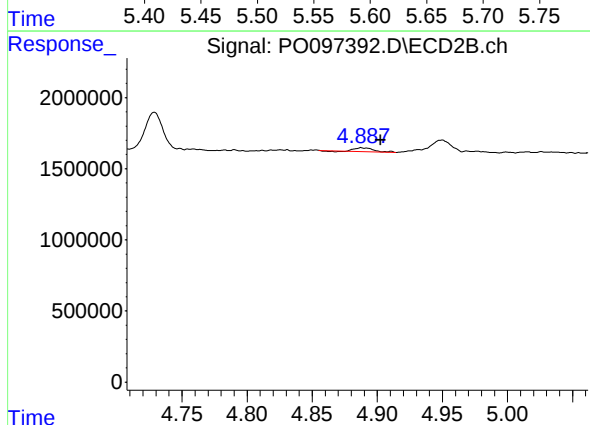
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 2645603
Conc: 91.69 ng/ml



#13 AR-1232-3

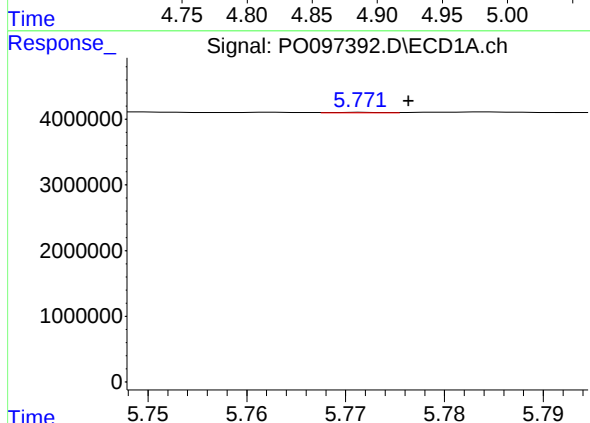
R.T.: 5.577 min
Delta R.T.: -0.036 min
Response: 1465517
Conc: 23.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



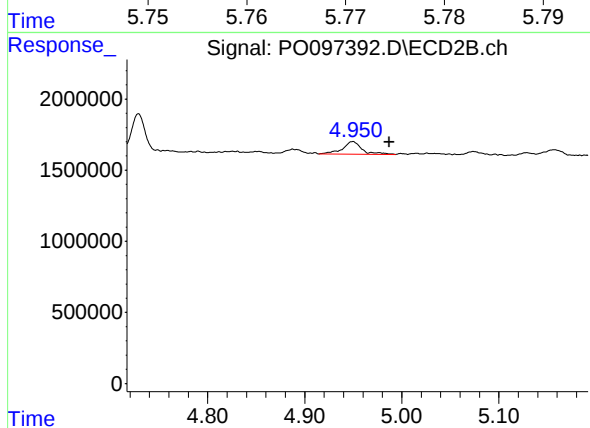
#13 AR-1232-3

R.T.: 4.888 min
Delta R.T.: -0.015 min
Response: 285126
Conc: 18.81 ng/ml



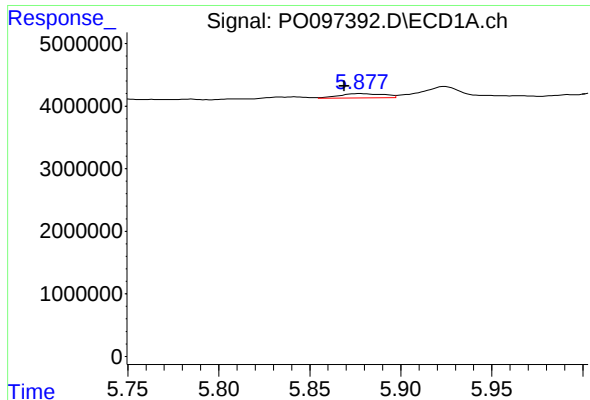
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 19531
Conc: 0.64 ng/ml



#14 AR-1232-4

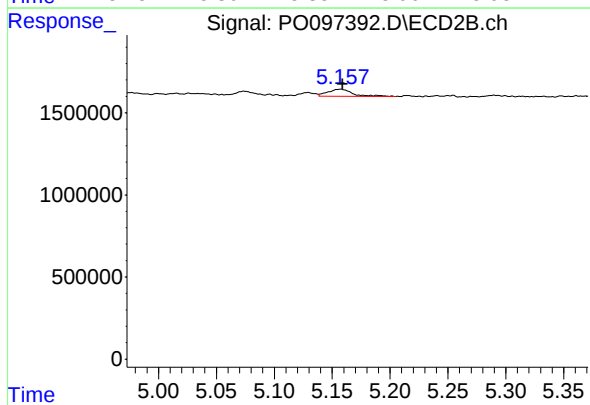
R.T.: 4.949 min
Delta R.T.: -0.038 min
Response: 1289947
Conc: 86.31 ng/ml



#15 AR-1232-5

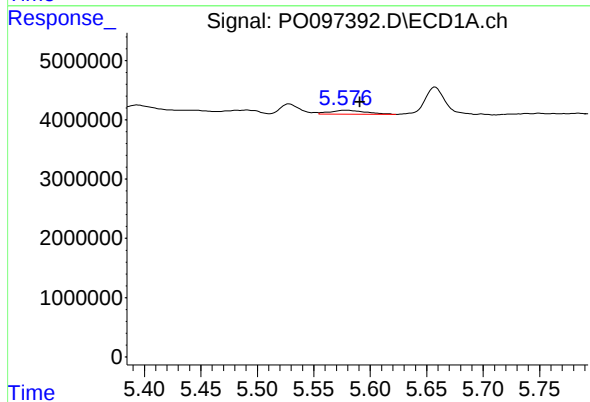
R.T.: 5.878 min
Delta R.T.: 0.009 min
Response: 1186575
Conc: 42.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



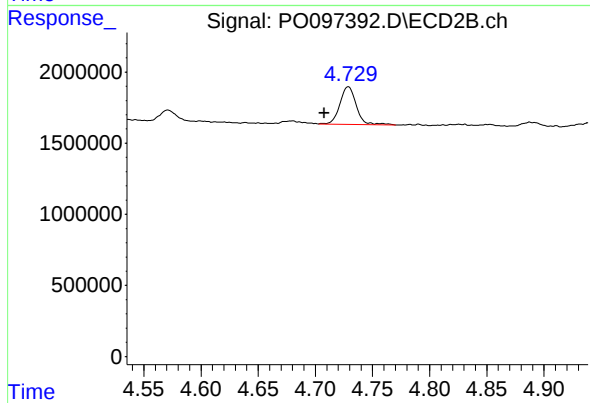
#15 AR-1232-5

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 644674
Conc: 39.44 ng/ml



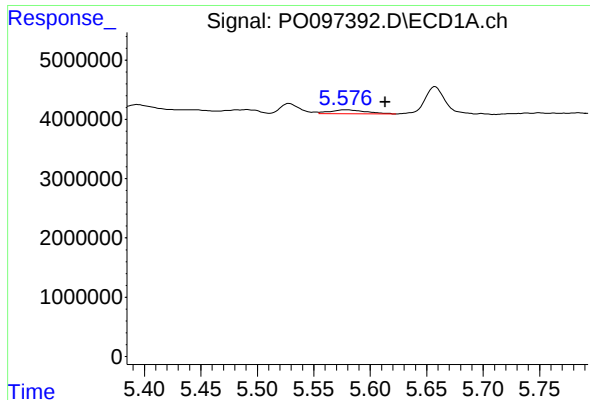
#16 AR-1242-1

R.T.: 5.577 min
Delta R.T.: -0.014 min
Response: 1465517
Conc: 17.48 ng/ml



#16 AR-1242-1

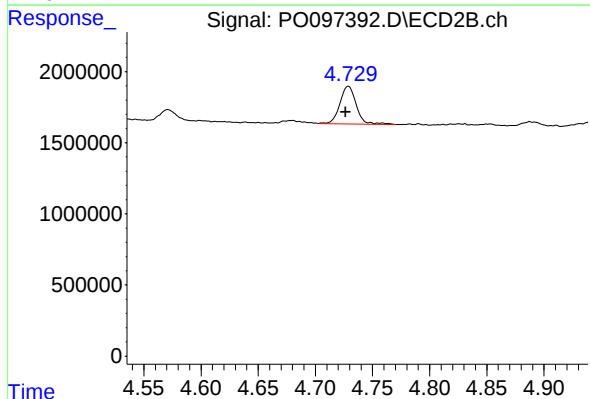
R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 2645603
Conc: 67.10 ng/ml



#17 AR-1242-2

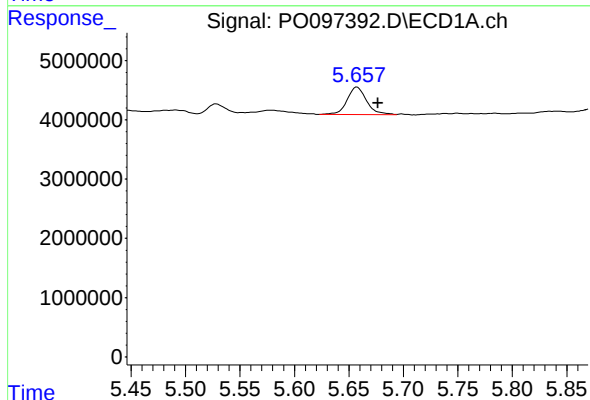
R.T.: 5.577 min
Delta R.T.: -0.037 min
Response: 1465517
Conc: 12.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



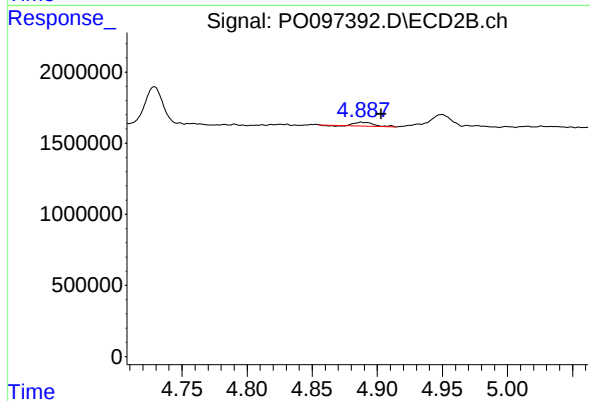
#17 AR-1242-2

R.T.: 4.729 min
Delta R.T.: 0.002 min
Response: 2645603
Conc: 48.55 ng/ml



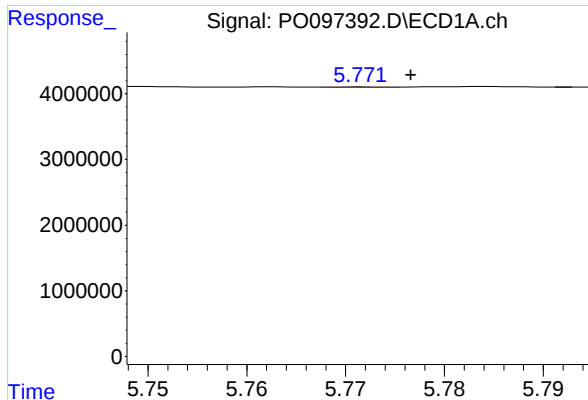
#18 AR-1242-3

R.T.: 5.657 min
Delta R.T.: -0.019 min
Response: 5842169
Conc: 79.08 ng/ml



#18 AR-1242-3

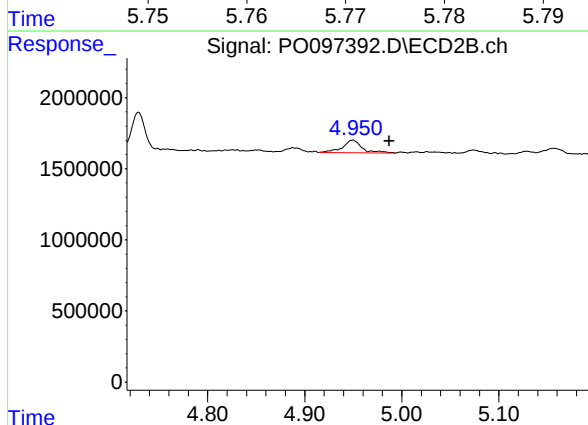
R.T.: 4.888 min
Delta R.T.: -0.015 min
Response: 285126
Conc: 9.64 ng/ml



#19 AR-1242-4

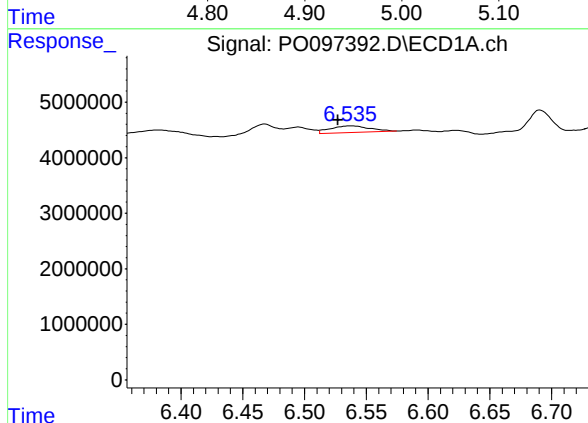
R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 19531
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



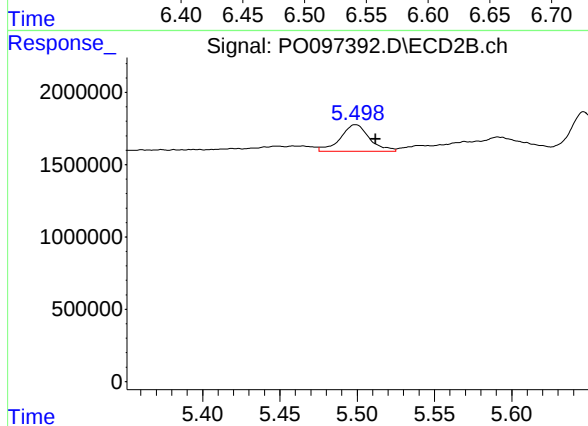
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.038 min
Response: 1289947
Conc: 40.93 ng/ml



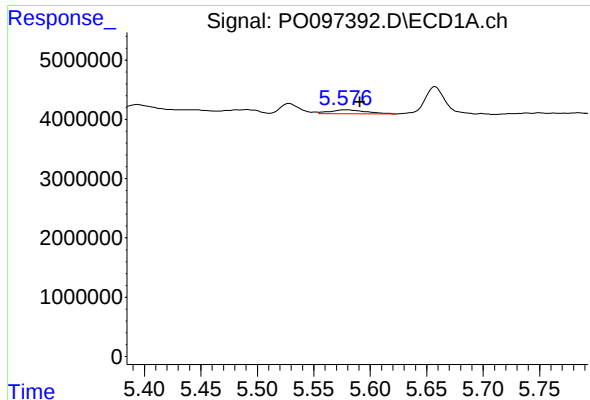
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 2634943
Conc: 47.89 ng/ml



#20 AR-1242-5

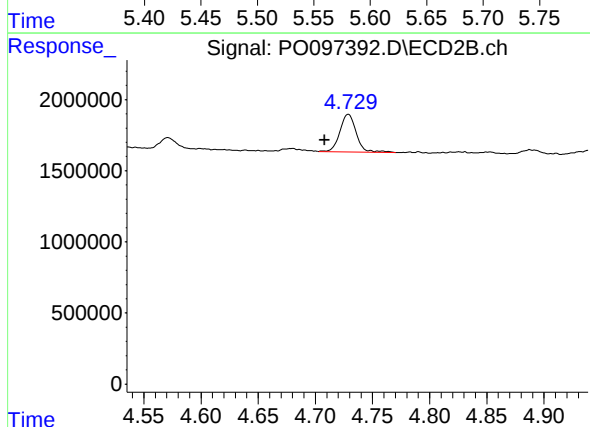
R.T.: 5.499 min
Delta R.T.: -0.013 min
Response: 2387597
Conc: 65.53 ng/ml



#21 AR-1248-1

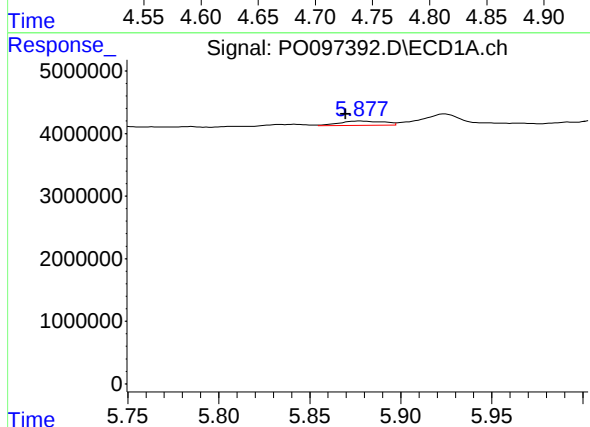
R.T.: 5.577 min
Delta R.T.: -0.014 min
Response: 1465517
Conc: 25.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



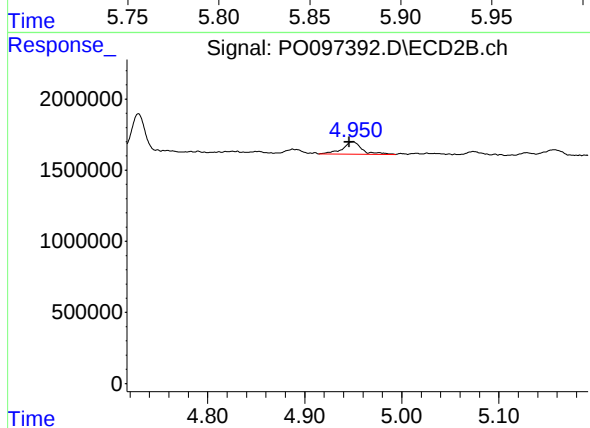
#21 AR-1248-1

R.T.: 4.729 min
Delta R.T.: 0.021 min
Response: 2645603
Conc: 94.28 ng/ml



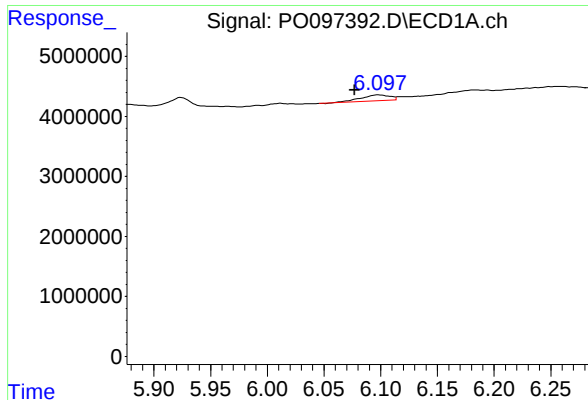
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.008 min
Response: 1186575
Conc: 12.62 ng/ml



#22 AR-1248-2

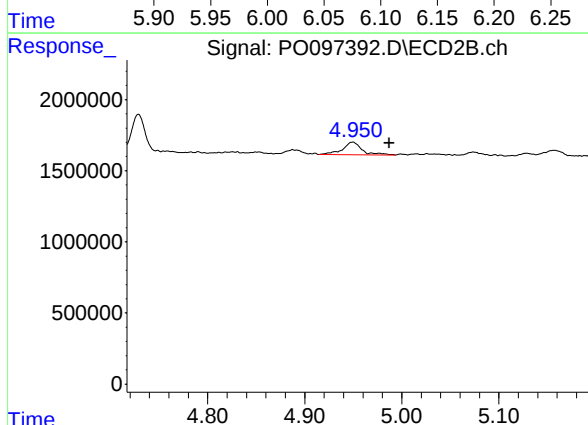
R.T.: 4.949 min
Delta R.T.: 0.004 min
Response: 1289947
Conc: 30.44 ng/ml



#23 AR-1248-3

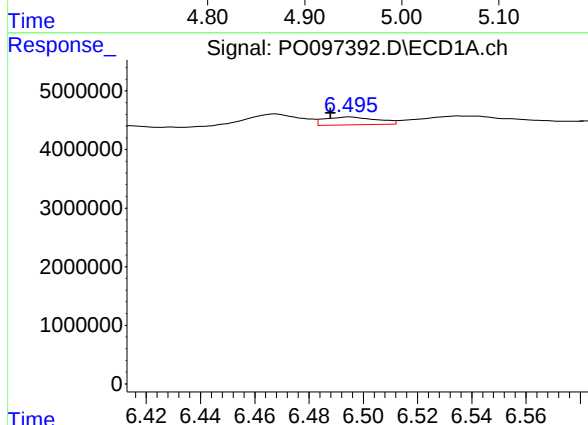
R.T.: 6.098 min
Delta R.T.: 0.021 min
Response: 1808006
Conc: 18.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



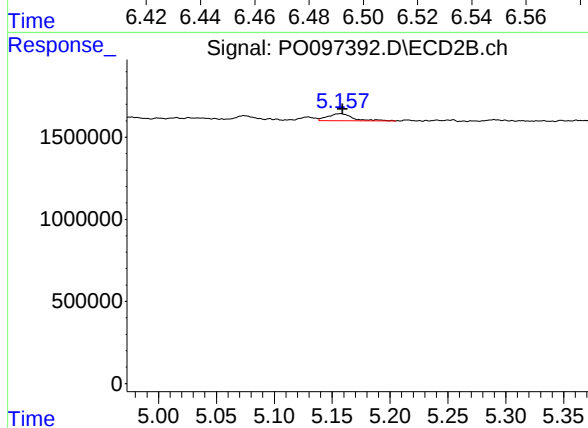
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.038 min
Response: 1289947
Conc: 29.41 ng/ml



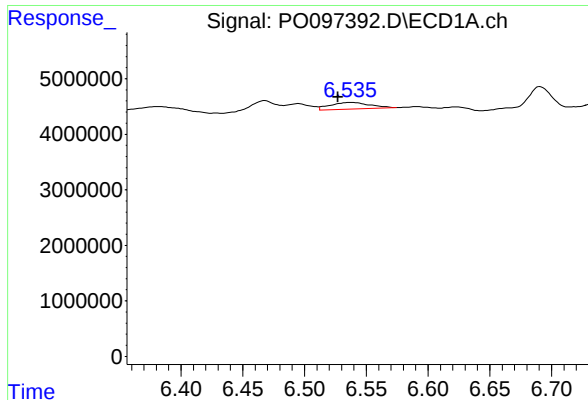
#24 AR-1248-4

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 1754349
Conc: 19.31 ng/ml



#24 AR-1248-4

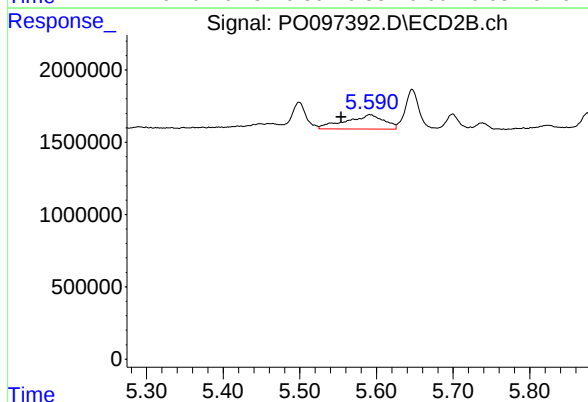
R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 644674
Conc: 12.63 ng/ml



#25 AR-1248-5

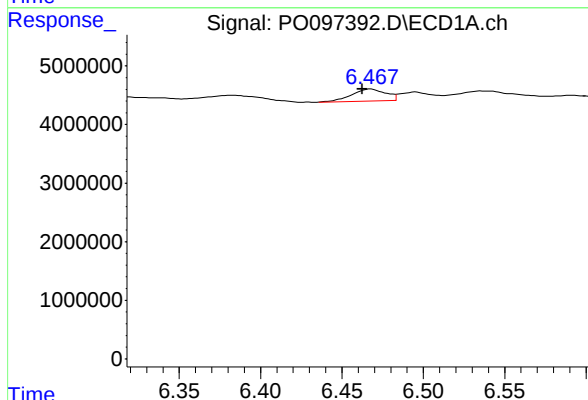
R.T.: 6.536 min
Delta R.T.: 0.009 min
Response: 2634943
Conc: 29.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



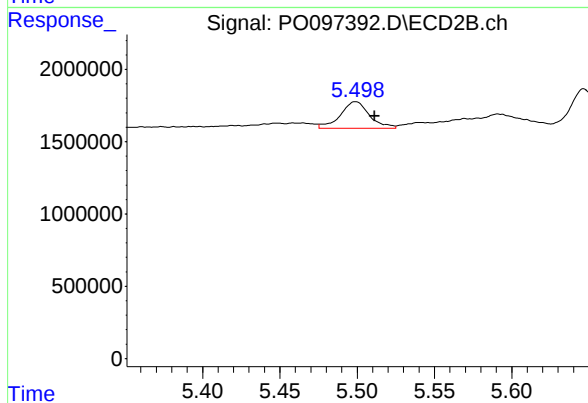
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.038 min
Response: 3412649
Conc: 72.99 ng/ml



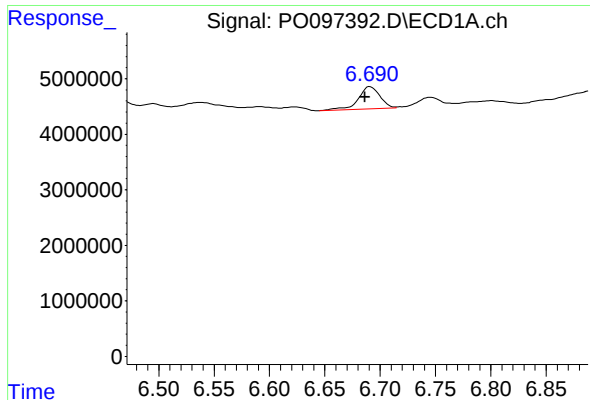
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: 0.005 min
Response: 2988409
Conc: 27.34 ng/ml



#26 AR-1254-1

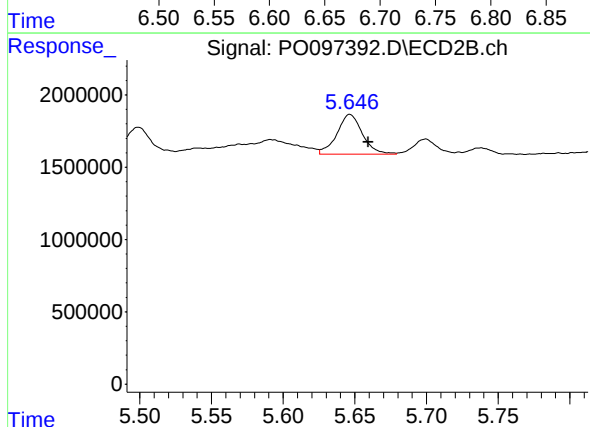
R.T.: 5.499 min
Delta R.T.: -0.012 min
Response: 2387597
Conc: 32.35 ng/ml



#27 AR-1254-2

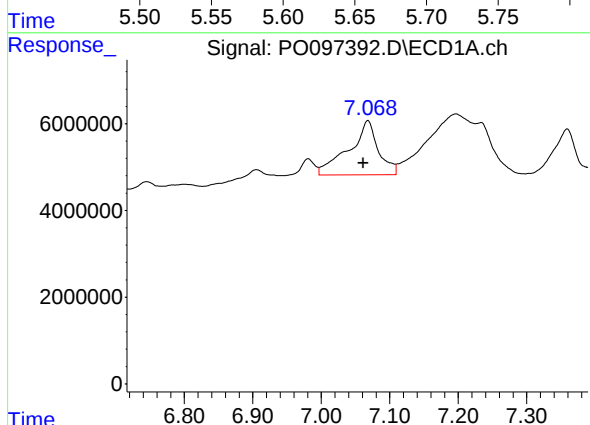
R.T.: 6.691 min
Delta R.T.: 0.005 min
Response: 5445500
Conc: 33.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



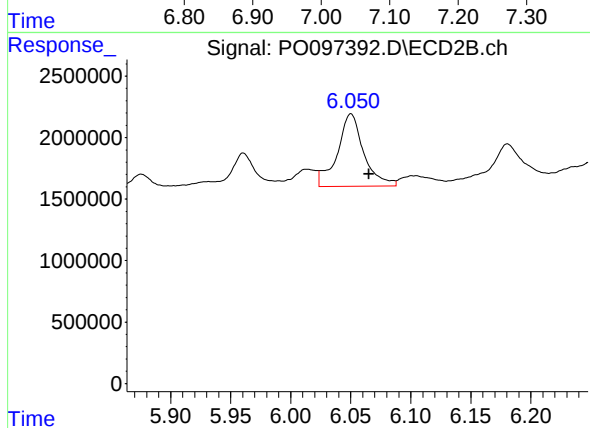
#27 AR-1254-2

R.T.: 5.647 min
Delta R.T.: -0.013 min
Response: 3404442
Conc: 51.68 ng/ml



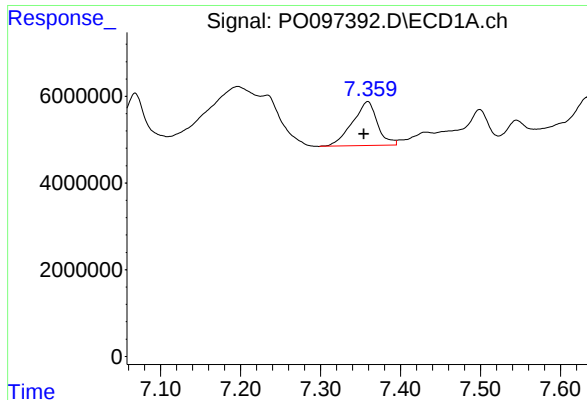
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 37199723
Conc: 237.40 ng/ml



#28 AR-1254-3

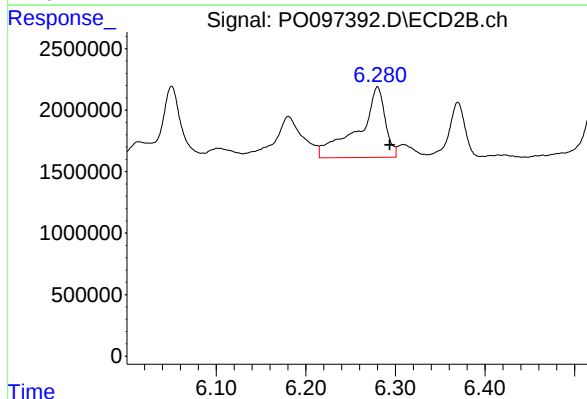
R.T.: 6.050 min
Delta R.T.: -0.015 min
Response: 9029707
Conc: 89.35 ng/ml



#29 AR-1254-4

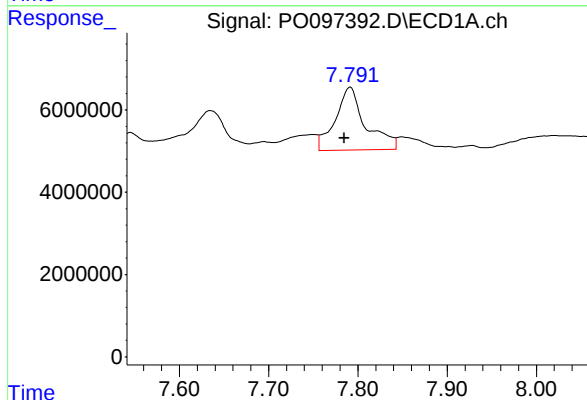
R.T.: 7.359 min
Delta R.T.: 0.005 min
Response: 22005227
Conc: 218.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



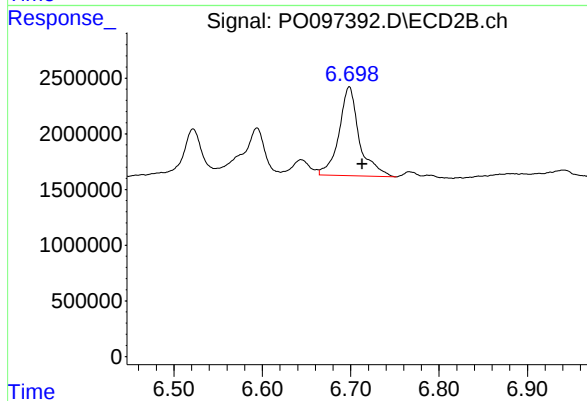
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 11948990
Conc: 206.46 ng/ml



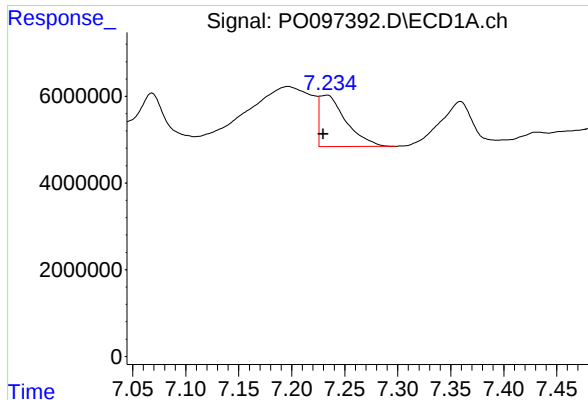
#30 AR-1254-5

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 35859657
Conc: 319.56 ng/ml



#30 AR-1254-5

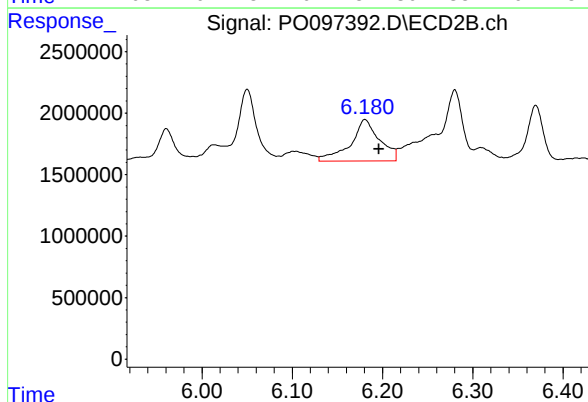
R.T.: 6.698 min
Delta R.T.: -0.015 min
Response: 12800646
Conc: 145.60 ng/ml



#31 AR-1260-1

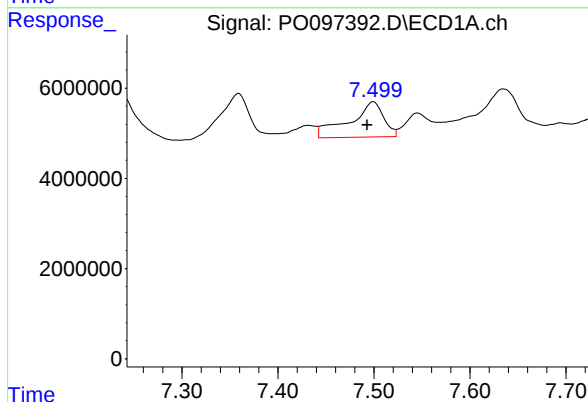
R.T.: 7.234 min
Delta R.T.: 0.004 min
Response: 20580119
Conc: 163.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



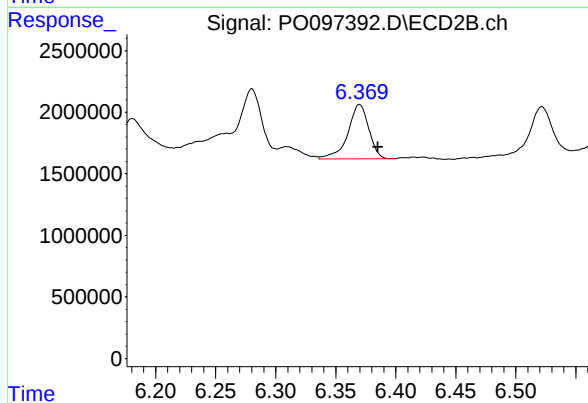
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.015 min
Response: 7539598
Conc: 107.15 ng/ml



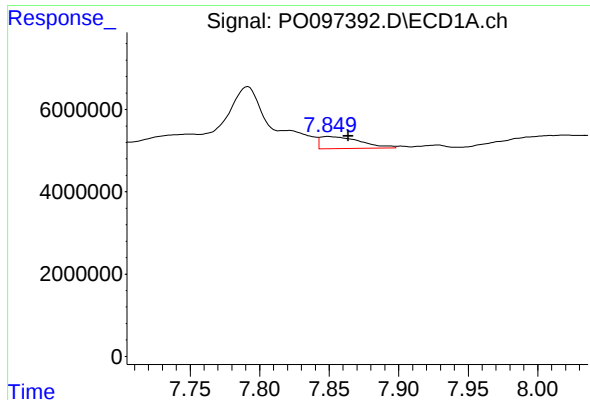
#32 AR-1260-2

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 19360534
Conc: 143.69 ng/ml



#32 AR-1260-2

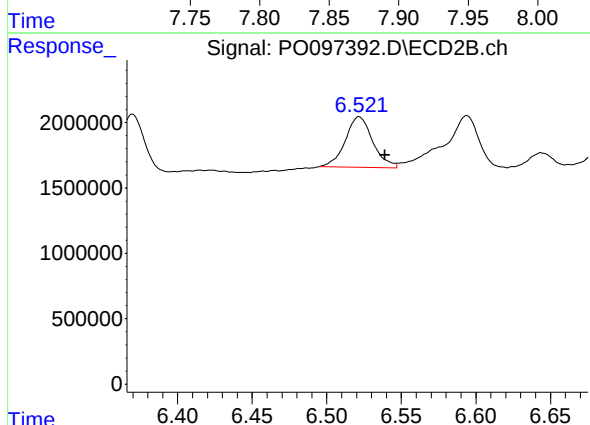
R.T.: 6.370 min
Delta R.T.: -0.015 min
Response: 5361205
Conc: 64.23 ng/ml



#33 AR-1260-3

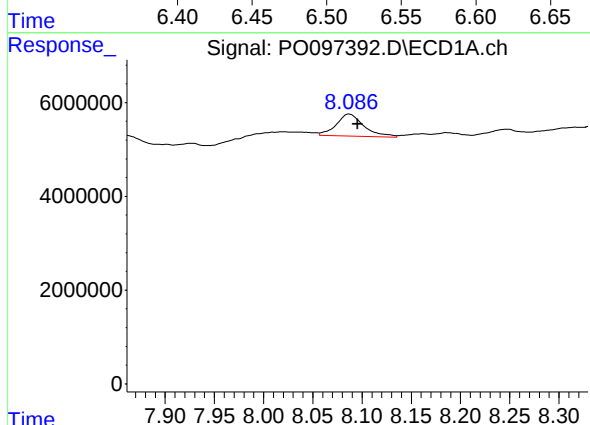
R.T.: 7.849 min
Delta R.T.: -0.014 min
Response: 5855641
Conc: 56.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



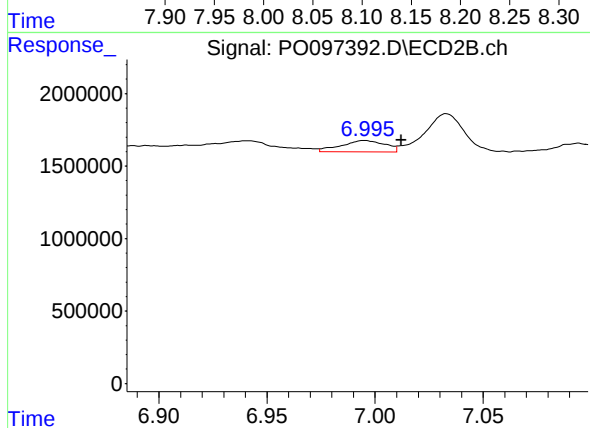
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.017 min
Response: 4934832
Conc: 63.91 ng/ml



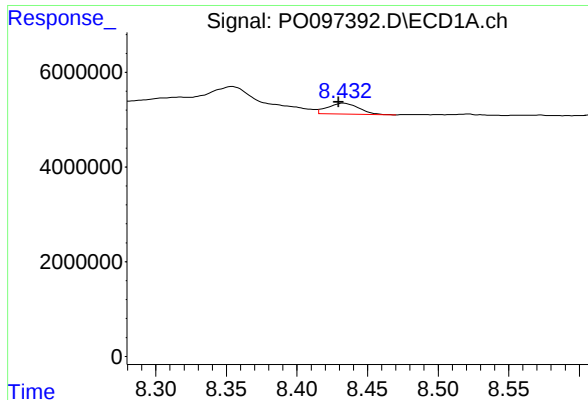
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.009 min
Response: 9125634
Conc: 81.62 ng/ml



#34 AR-1260-4

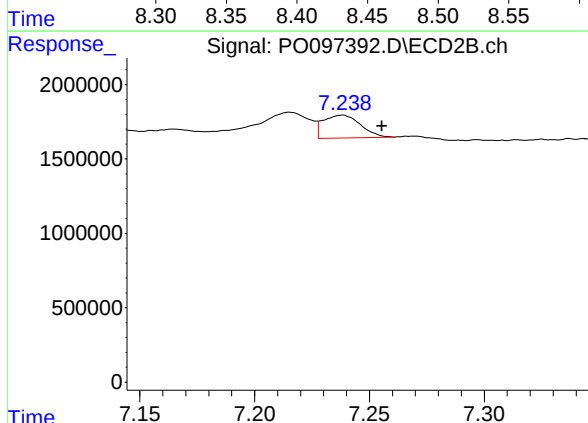
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 1111494
Conc: 17.34 ng/ml



#35 AR-1260-5

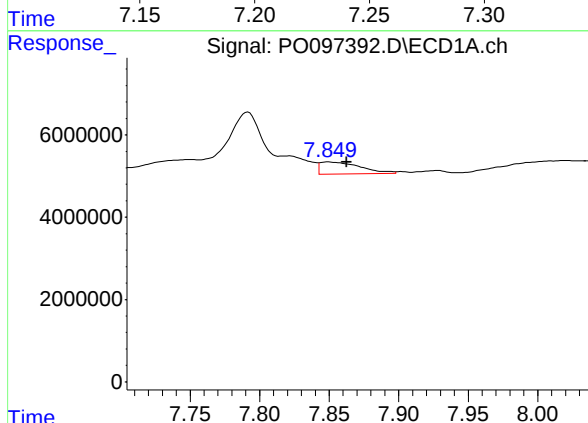
R.T.: 8.433 min
Delta R.T.: 0.004 min
Response: 3492295
Conc: 16.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



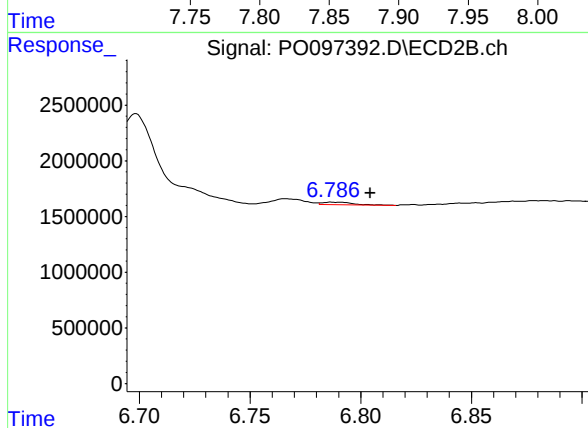
#35 AR-1260-5

R.T.: 7.238 min
Delta R.T.: -0.017 min
Response: 1722218
Conc: 12.42 ng/ml



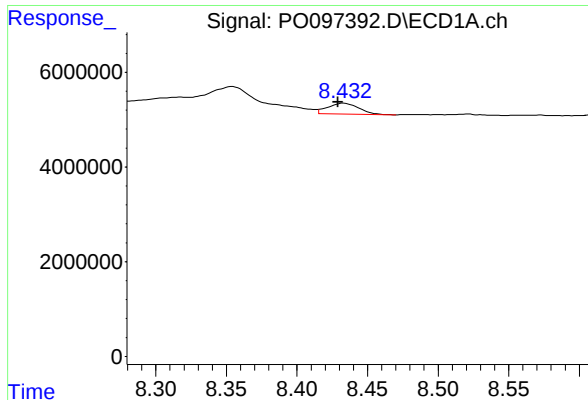
#36 AR-1262-1

R.T.: 7.849 min
Delta R.T.: -0.013 min
Response: 5855641
Conc: 39.42 ng/ml



#36 AR-1262-1

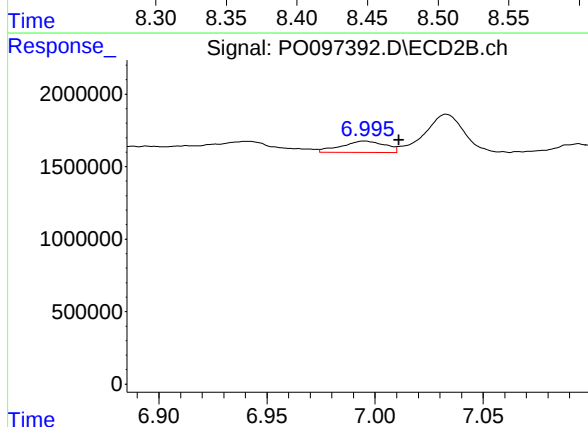
R.T.: 6.787 min
Delta R.T.: -0.017 min
Response: 230903
Conc: 5.87 ng/ml



#37 AR-1262-2

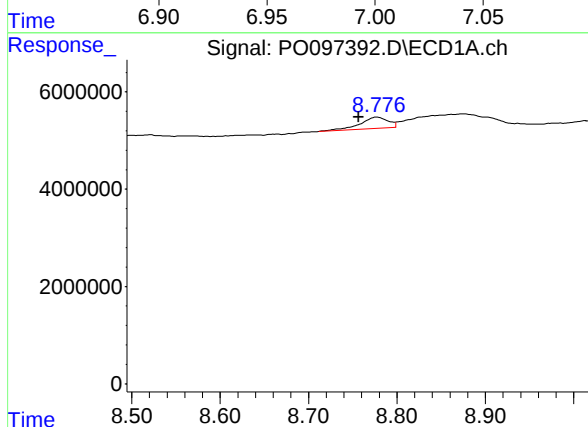
R.T.: 8.433 min
Delta R.T.: 0.004 min
Response: 3492295
Conc: 15.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



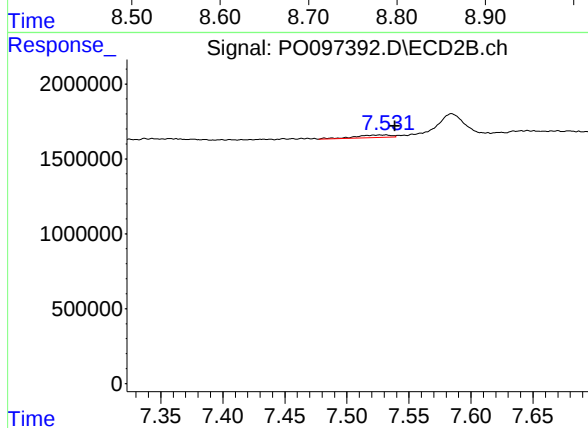
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.016 min
Response: 1111494
Conc: 13.70 ng/ml



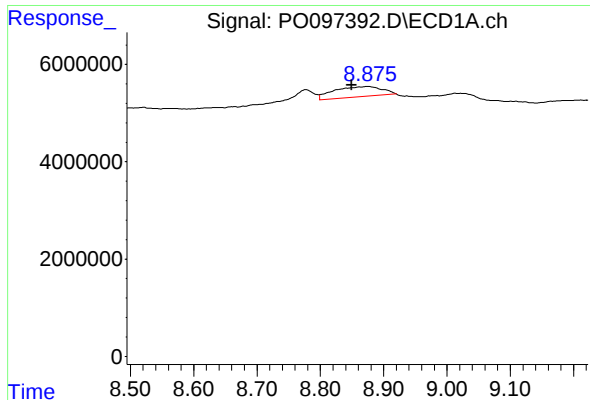
#38 AR-1262-3

R.T.: 8.777 min
Delta R.T.: 0.020 min
Response: 5083362
Conc: 30.48 ng/ml



#38 AR-1262-3

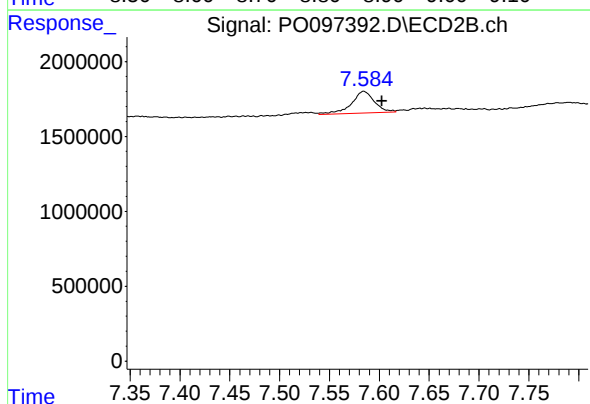
R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 365868
Conc: 5.70 ng/ml



#39 AR-1262-4

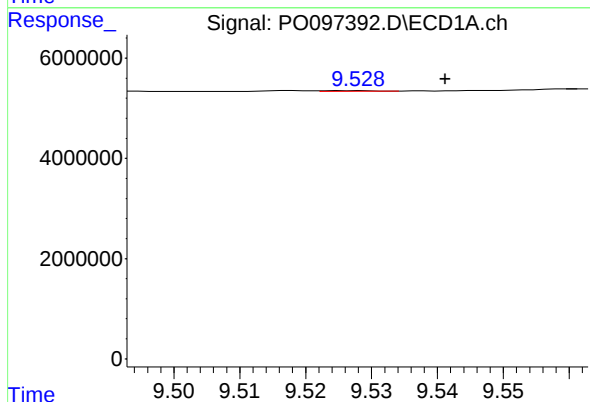
R.T.: 8.876 min
Delta R.T.: 0.026 min
Response: 11048819
Conc: 151.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



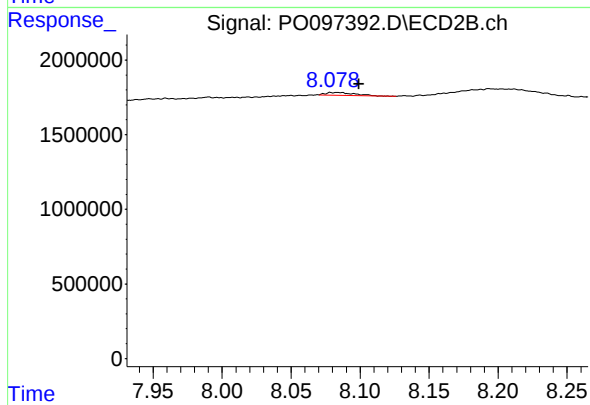
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.019 min
Response: 2371659
Conc: 20.88 ng/ml



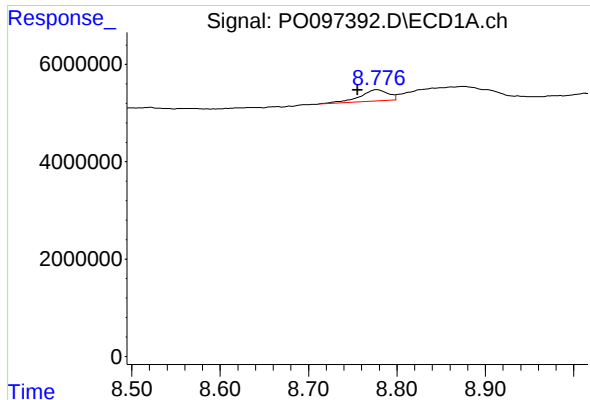
#40 AR-1262-5

R.T.: 9.527 min
Delta R.T.: -0.014 min
Response: 62171
Conc: 0.75 ng/ml



#40 AR-1262-5

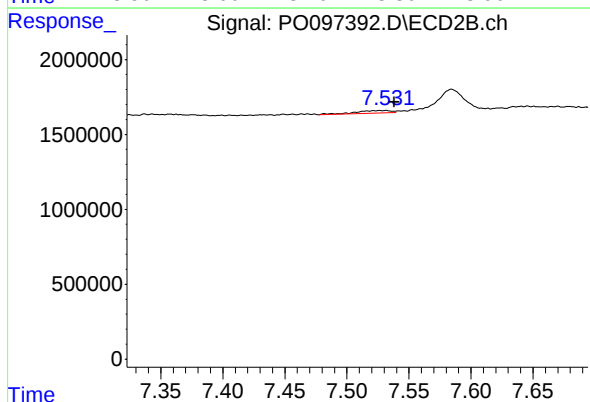
R.T.: 8.084 min
Delta R.T.: -0.015 min
Response: 268712
Conc: 5.12 ng/ml



#41 AR-1268-1

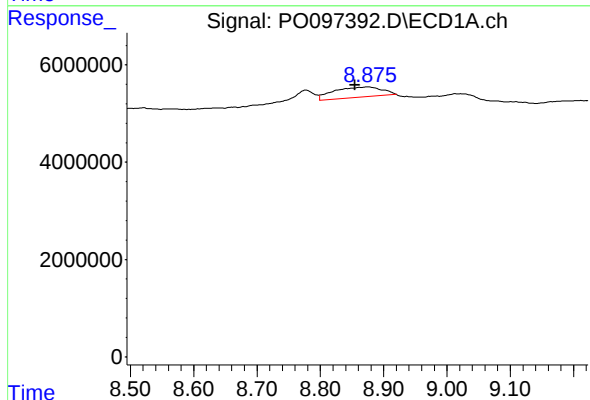
R.T.: 8.777 min
Delta R.T.: 0.022 min
Response: 5083362
Conc: 16.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



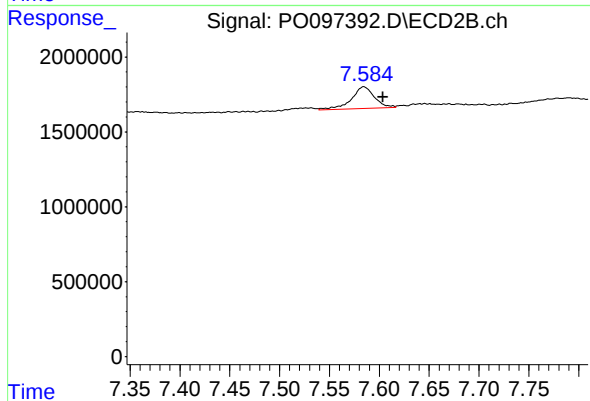
#41 AR-1268-1

R.T.: 7.531 min
Delta R.T.: -0.007 min
Response: 365868
Conc: 1.97 ng/ml



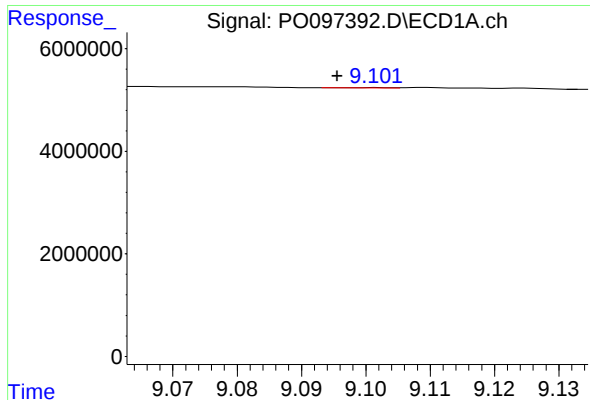
#42 AR-1268-2

R.T.: 8.876 min
Delta R.T.: 0.021 min
Response: 11048819
Conc: 40.30 ng/ml



#42 AR-1268-2

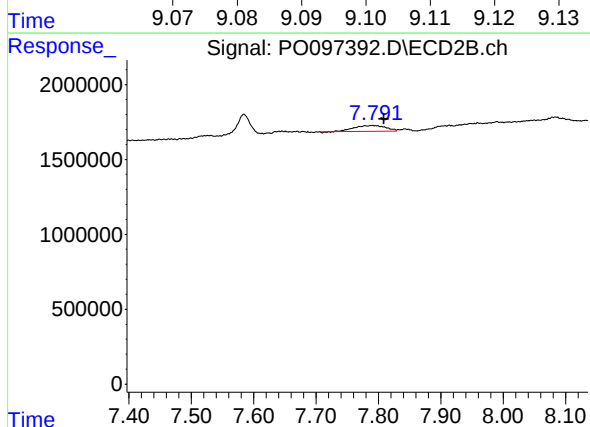
R.T.: 7.584 min
Delta R.T.: -0.019 min
Response: 2371659
Conc: 14.14 ng/ml



#43 AR-1268-3

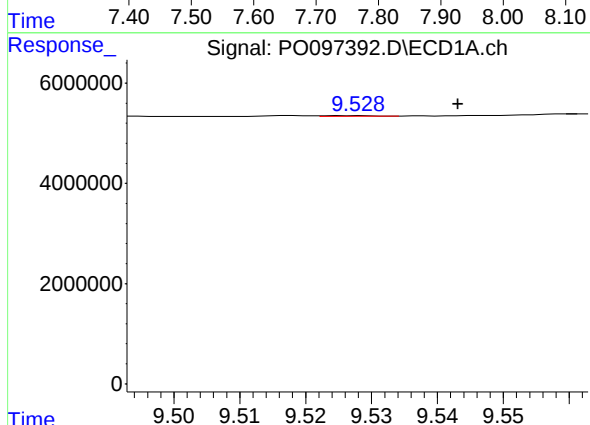
R.T.: 9.101 min
Delta R.T.: 0.005 min
Response: 42594
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



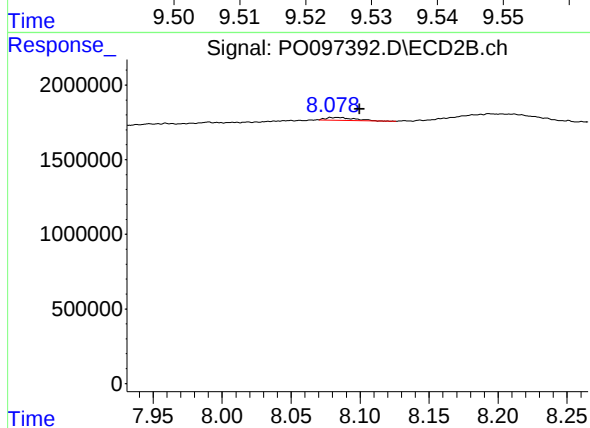
#43 AR-1268-3

R.T.: 7.791 min
Delta R.T.: -0.019 min
Response: 1299422
Conc: 8.99 ng/ml



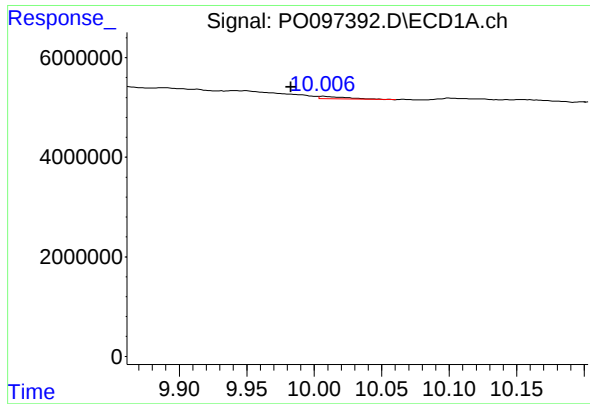
#44 AR-1268-4

R.T.: 9.527 min
Delta R.T.: -0.016 min
Response: 62171
Conc: 0.67 ng/ml



#44 AR-1268-4

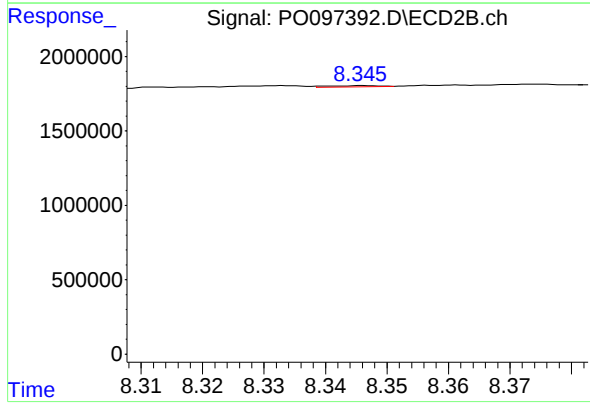
R.T.: 8.084 min
Delta R.T.: -0.015 min
Response: 268712
Conc: 4.51 ng/ml



#45 AR-1268-5

R.T.: 10.007 min
Delta R.T.: 0.024 min
Response: 670193
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.043 min
Response: 43157
Conc: 0.10 ng/ml