

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040325\
 Data File : P0110212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 14:02
 Operator : YP/AJ
 Sample : Q1709-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 4125-B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:04:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 19 02:52:01 2025
 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...	3.691	3.687	200.4E6	112.7E6	22.016	21.494
2)	SA Decachlor...	8.737	8.689	174.1E6	45645321	22.645	18.814
Target Compounds							
3)	L1 AR-1016-1	4.782	4.768	22981001	15785907	68.285	86.142 #
4)	L1 AR-1016-2	4.801	4.787	29394363	18220195	63.393	69.675
5)	L1 AR-1016-3	4.857	4.963	20684289	9103579	64.520	64.210
6)	L1 AR-1016-4	4.979	5.005	16566860	5197924	65.562	44.076 #
7)	L1 AR-1016-5	5.234	5.216	15149475	7434231	55.116	48.616
8)	L2 AR-1221-1	3.904	3.899	2488128	1438002	21.481	21.501
9)	L2 AR-1221-2	3.991	3.985	13144254	5857662	151.957	118.620
10)	L2 AR-1221-3	4.066	4.059	28746165	14644407	109.846	96.546
11)	L3 AR-1232-1	4.066	4.059	28746165	14644407	133.242	118.011
12)	L3 AR-1232-2	4.560	4.787	44238935	18220195	385.403	151.395 #
13)	L3 AR-1232-3	4.801	4.963	29394363	9103579	138.797	143.012
14)	L3 AR-1232-4	4.979	5.046	16566860	6311536	145.885	106.361 #
15)	L3 AR-1232-5	5.020	5.216	9229642	7434231	114.720	117.597
16)	L4 AR-1242-1	4.782	4.768	22981001	15785907	85.940	107.963 #
17)	L4 AR-1242-2	4.801	4.787	29394363	18220195	79.832	87.582
18)	L4 AR-1242-3	4.857	4.963	20684289	9103579	80.187	81.564
19)	L4 AR-1242-4	4.979	5.046	16566860	6311536	82.795	54.421 #
20)	L4 AR-1242-5	5.637	5.566	7662481	5235632	36.305	38.149
21)	L5 AR-1248-1	4.782	4.768	22981001	15785907	104.230	129.886
22)	L5 AR-1248-2	5.020	5.005	9229642	5197924	30.644	30.856
23)	L5 AR-1248-3	5.234	5.046	15149475	6311536	40.595	34.834
24)	L5 AR-1248-4	5.591	5.216	8558786	7434231	16.209	35.324 #
25)	L5 AR-1248-5	5.637	5.610	7662481	5014509	20.546	24.123
26)	L6 AR-1254-1	5.591	5.566	8558786	5235632	15.142	16.744
27)	L6 AR-1254-2	5.739	5.715	4676100	2918523	9.717	10.748
28)	L6 AR-1254-3	6.146	6.143	2546187	3185386	3.294	7.668 #
29)	L6 AR-1254-4	6.369	6.367	990875	286450	2.064	1.181 #
30)	L6 AR-1254-5	6.781	6.752	1062427	1111128	1.634	3.308 #
31)	L7 AR-1260-1	6.275	6.248	2035345	1029476	4.318	4.030
32)	L7 AR-1260-2	6.466	6.437	1068697	380745	1.795	1.268 #
33)	L7 AR-1260-3	6.830	6.591	173973	197847	0.358	0.685 #
34)	L7 AR-1260-4	7.080	7.071	2705922	367533	6.379	1.709 #
35)	L7 AR-1260-5	7.333	7.329	616500	93218	0.589	0.187 #
36)	L8 AR-1262-1	6.830	6.793	173973	126657	0.253	0.368 #
37)	L8 AR-1262-2	7.333	7.329	616500	93218	0.517	0.174 #
38)	L8 AR-1262-3	7.624	7.583	1058817	129276	2.250	0.666 #
39)	L8 AR-1262-4	7.676	7.640	3928230	891167	4.492	2.463 #
40)	L8 AR-1262-5	8.179	8.111	1048070	80032	2.657	0.567 #
41)	L9 AR-1268-1	7.624	7.583	1058817	129276	0.756	0.221 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040325\
Data File : P0110212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 14:02
Operator : YP/AJ
Sample : Q1709-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

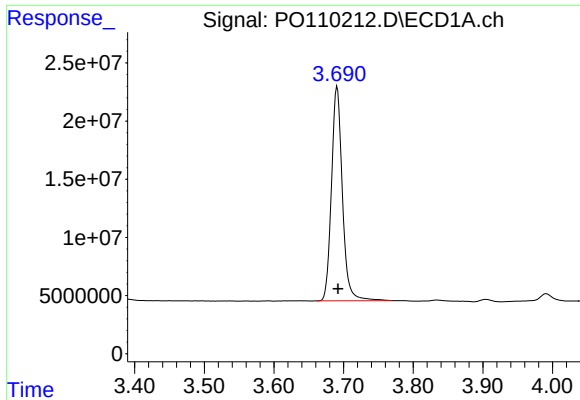
Instrument :
ECD_O
ClientSampleId :
4125-B

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:04:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 19 02:52:01 2025
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
42)	L9 AR-1268-2	7.676	7.640	3928230	891167	3.069	1.658 #
43)	L9 AR-1268-3	7.889	7.851	2860022	38886	2.783	0.094 #
44)	L9 AR-1268-4	8.179	8.111	1048070	80032	2.371	0.497 #
45)	L9 AR-1268-5	8.477	8.434	1953355	351502	0.614	0.354 #

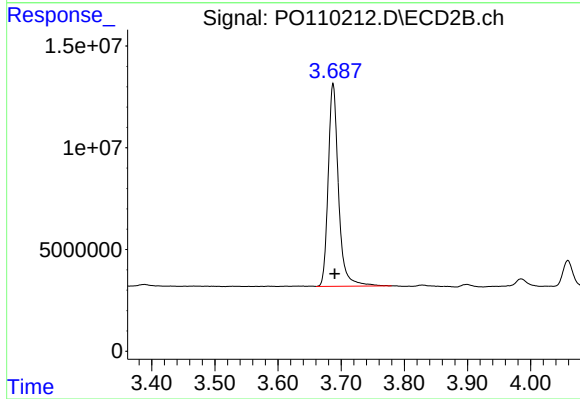
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

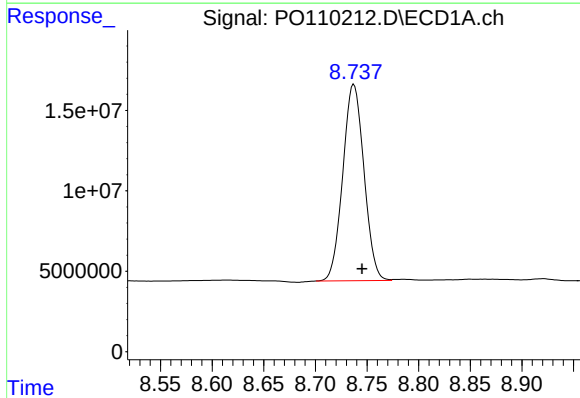
R.T.: 3.691 min
Delta R.T.: -0.001 min
Response: 200382388
Conc: 22.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



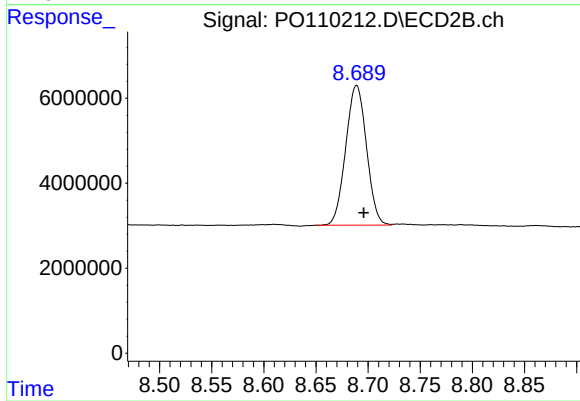
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: -0.003 min
Response: 112718691
Conc: 21.49 ng/ml



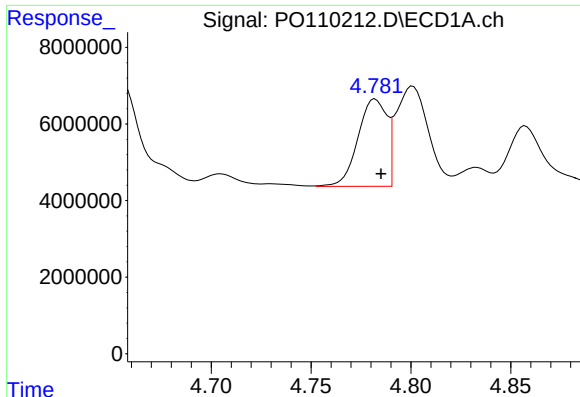
#2 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.008 min
Response: 174106665
Conc: 22.64 ng/ml



#2 Decachlorobiphenyl

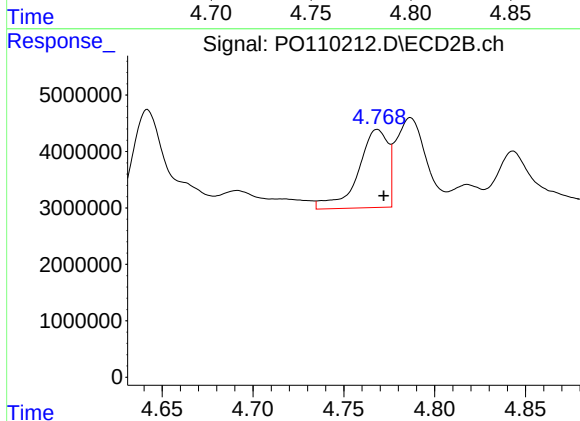
R.T.: 8.689 min
Delta R.T.: -0.007 min
Response: 45645321
Conc: 18.81 ng/ml



#3 AR-1016-1

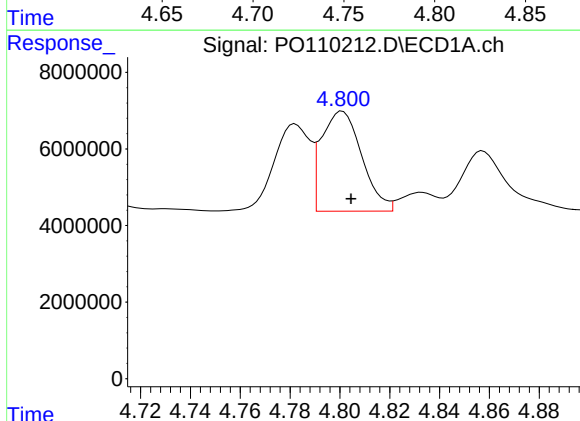
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 22981001
Conc: 68.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



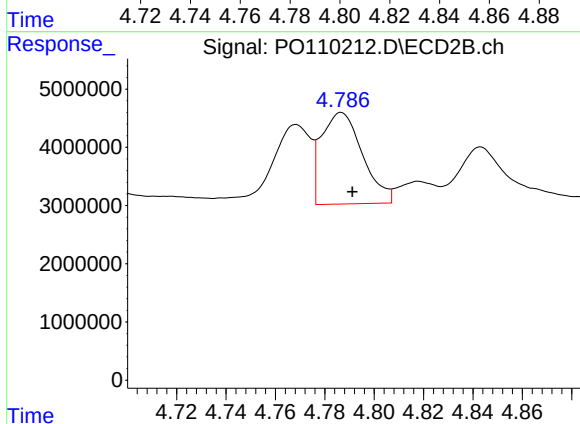
#3 AR-1016-1

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 15785907
Conc: 86.14 ng/ml



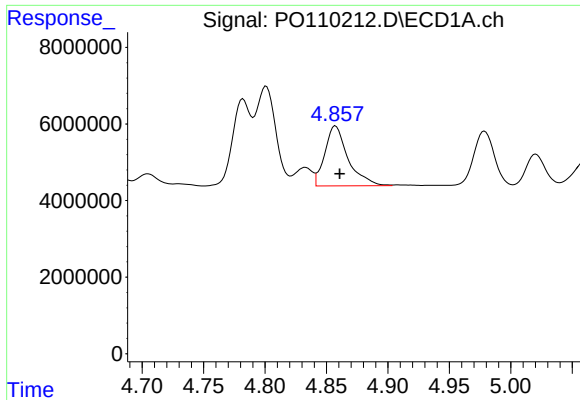
#4 AR-1016-2

R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 29394363
Conc: 63.39 ng/ml



#4 AR-1016-2

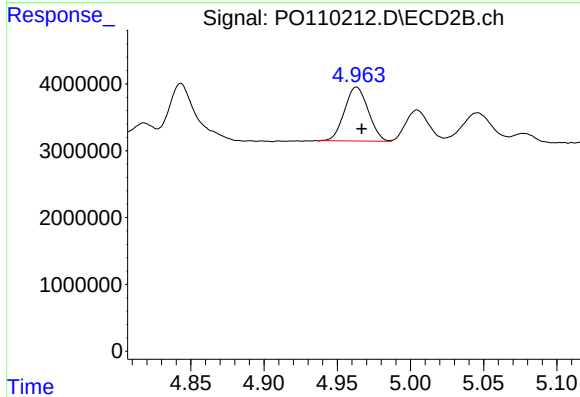
R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 18220195
Conc: 69.67 ng/ml



#5 AR-1016-3

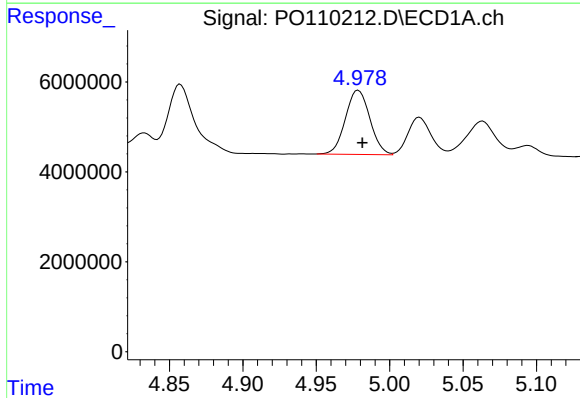
R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 20684289
Conc: 64.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



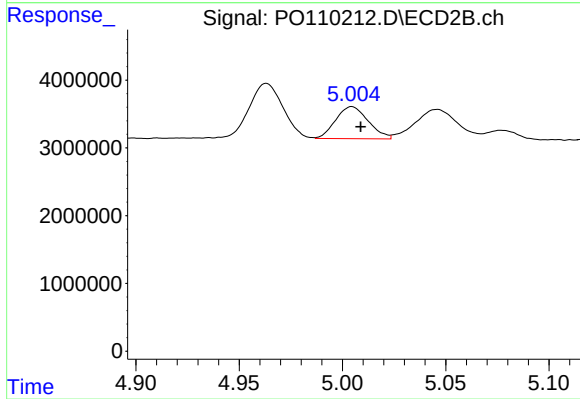
#5 AR-1016-3

R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 9103579
Conc: 64.21 ng/ml



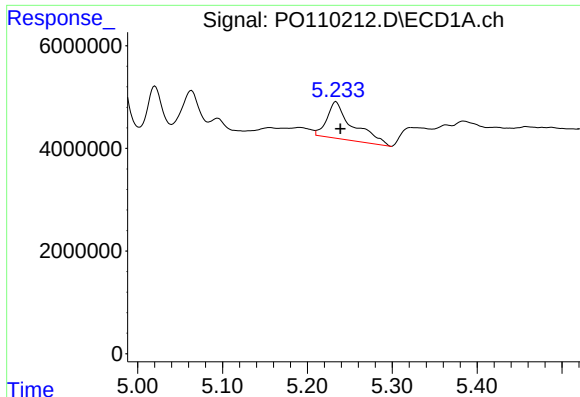
#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 16566860
Conc: 65.56 ng/ml



#6 AR-1016-4

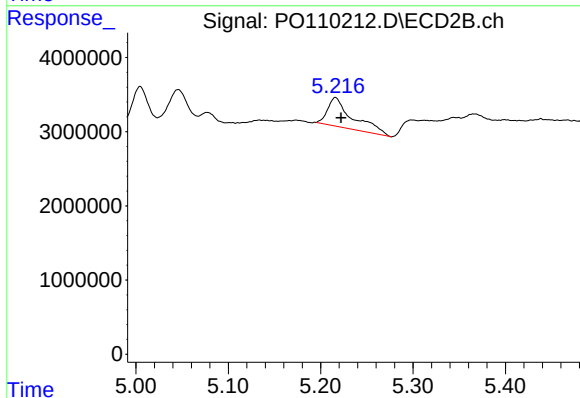
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 5197924
Conc: 44.08 ng/ml



#7 AR-1016-5

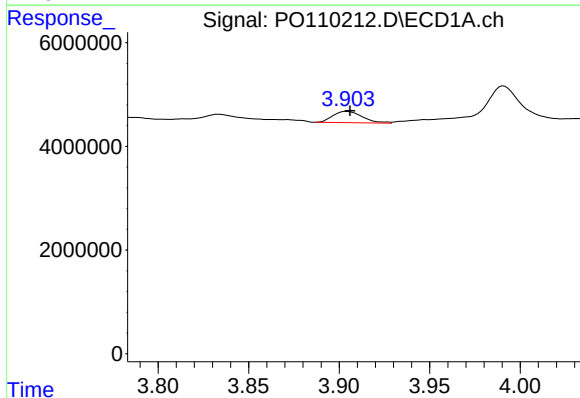
R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 15149475
Conc: 55.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



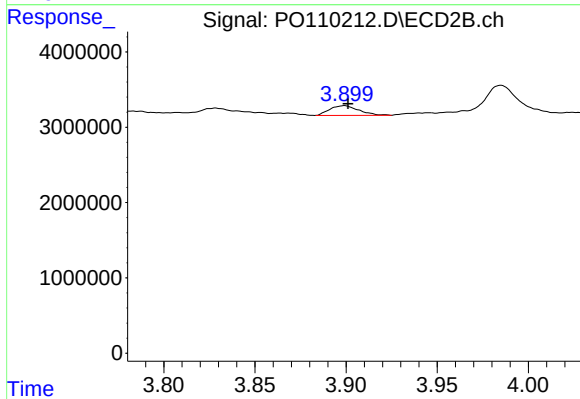
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.006 min
Response: 7434231
Conc: 48.62 ng/ml



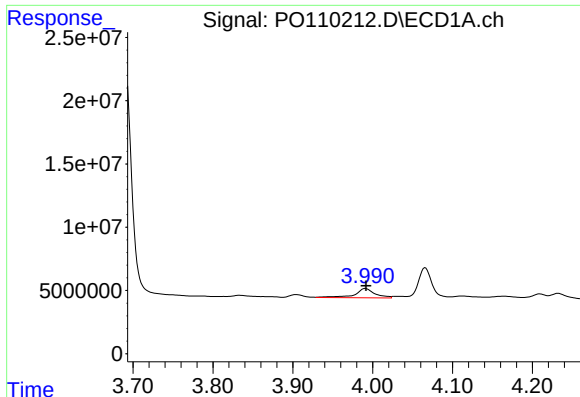
#8 AR-1221-1

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 2488128
Conc: 21.48 ng/ml



#8 AR-1221-1

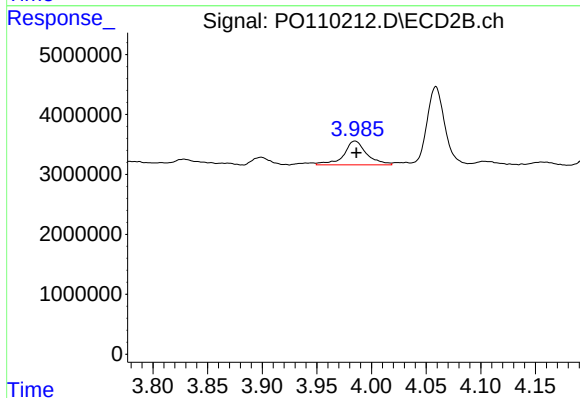
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 1438002
Conc: 21.50 ng/ml



#9 AR-1221-2

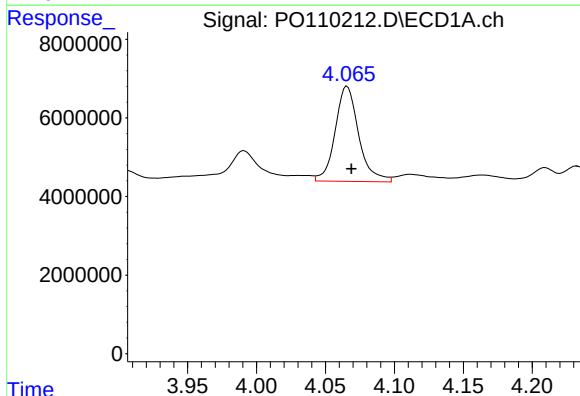
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 13144254
Conc: 151.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



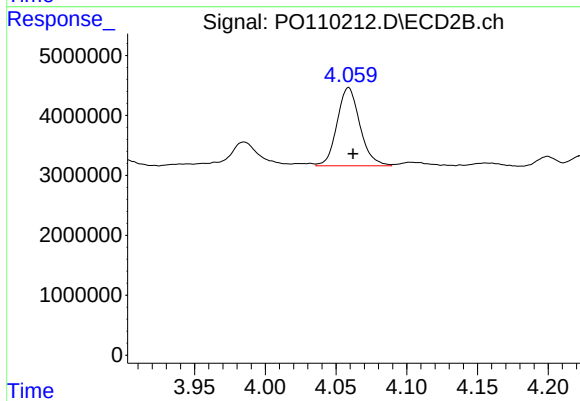
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: -0.001 min
Response: 5857662
Conc: 118.62 ng/ml



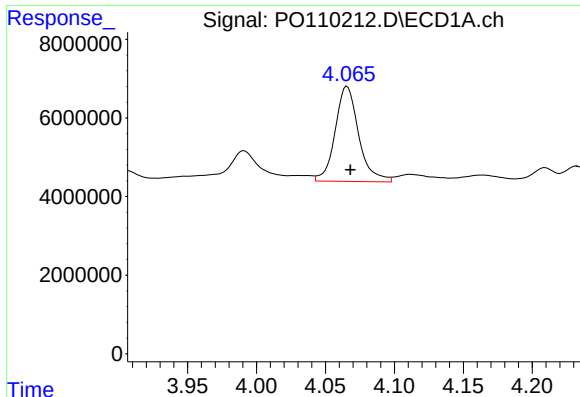
#10 AR-1221-3

R.T.: 4.066 min
Delta R.T.: -0.003 min
Response: 28746165
Conc: 109.85 ng/ml



#10 AR-1221-3

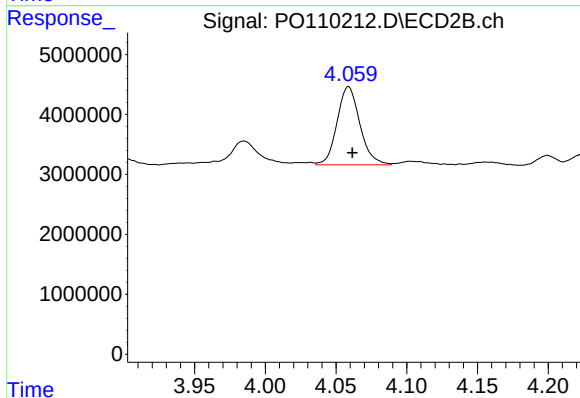
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 14644407
Conc: 96.55 ng/ml



#11 AR-1232-1

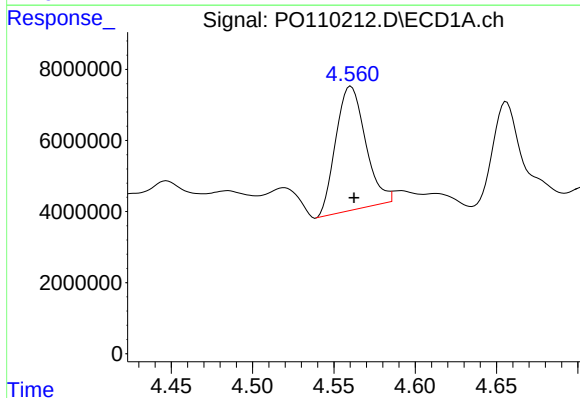
R.T.: 4.066 min
Delta R.T.: -0.002 min
Response: 28746165
Conc: 133.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



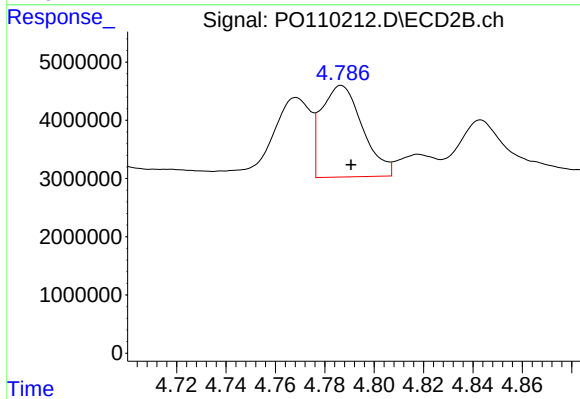
#11 AR-1232-1

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 14644407
Conc: 118.01 ng/ml



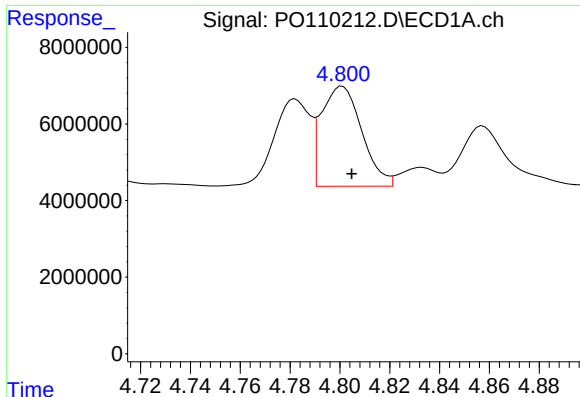
#12 AR-1232-2

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 44238935
Conc: 385.40 ng/ml



#12 AR-1232-2

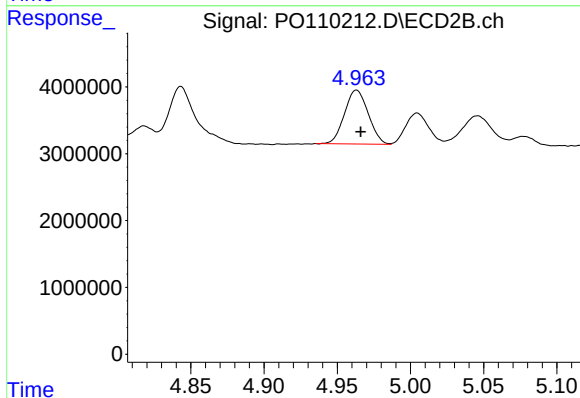
R.T.: 4.787 min
Delta R.T.: -0.004 min
Response: 18220195
Conc: 151.40 ng/ml



#13 AR-1232-3

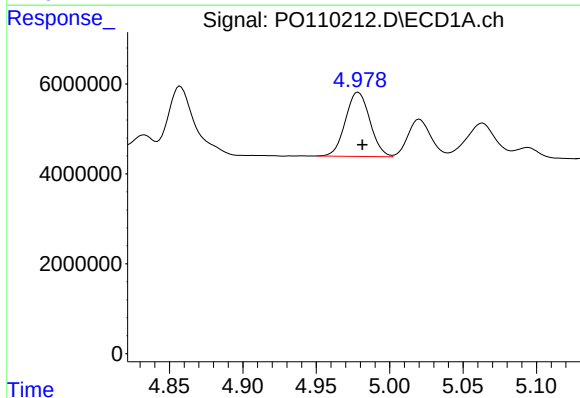
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 29394363
Conc: 138.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



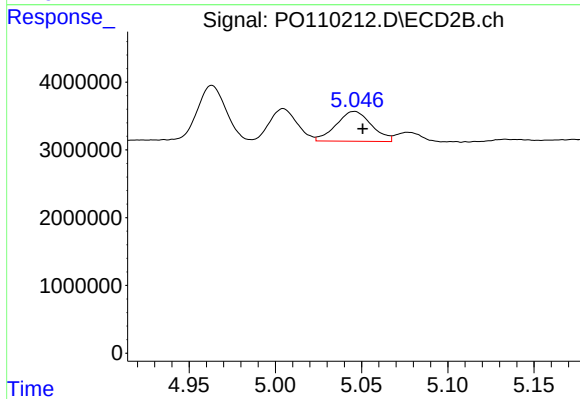
#13 AR-1232-3

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 9103579
Conc: 143.01 ng/ml



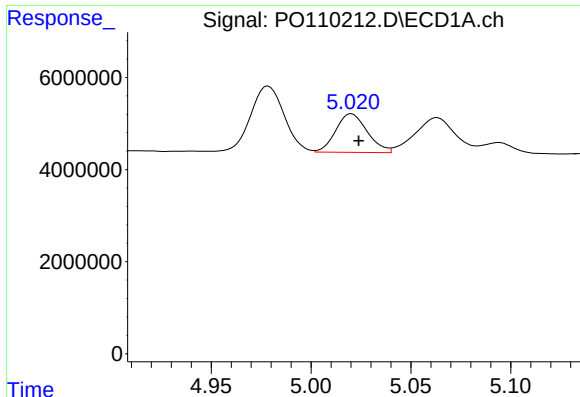
#14 AR-1232-4

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 16566860
Conc: 145.89 ng/ml



#14 AR-1232-4

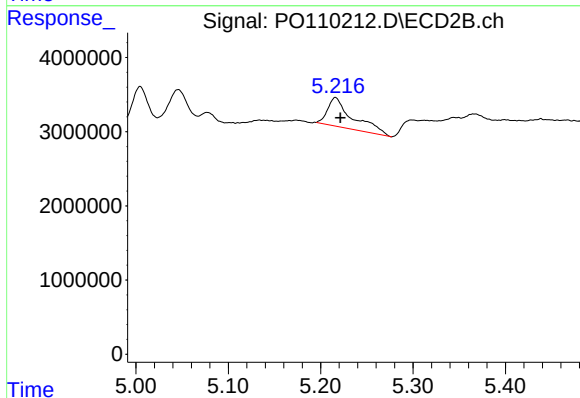
R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 6311536
Conc: 106.36 ng/ml



#15 AR-1232-5

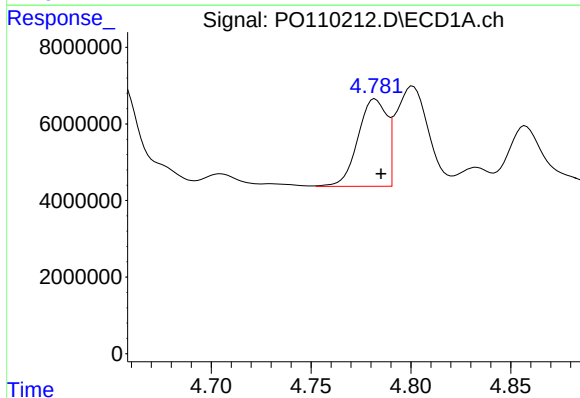
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 9229642
Conc: 114.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



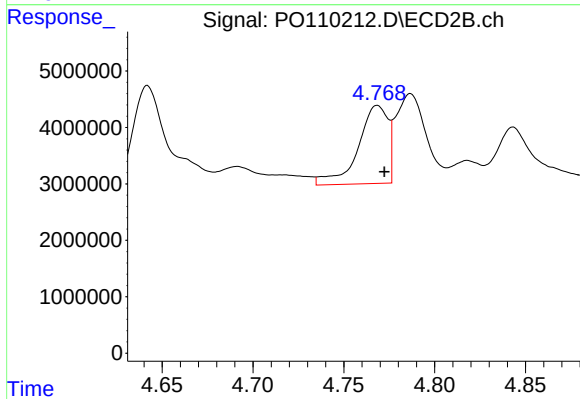
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 7434231
Conc: 117.60 ng/ml



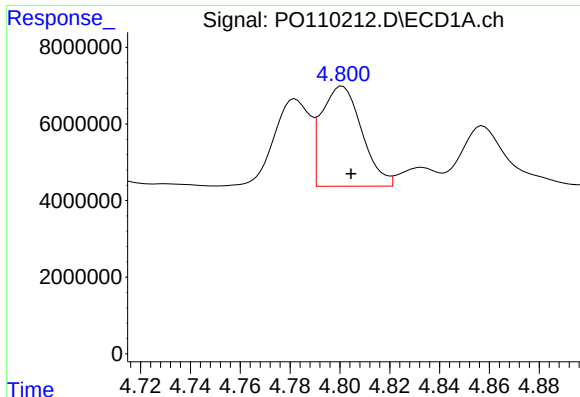
#16 AR-1242-1

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 22981001
Conc: 85.94 ng/ml



#16 AR-1242-1

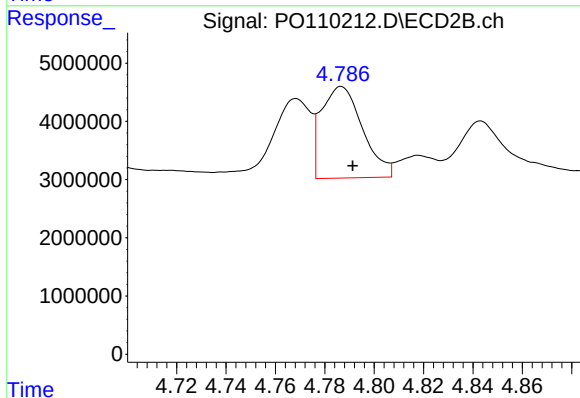
R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 15785907
Conc: 107.96 ng/ml



#17 AR-1242-2

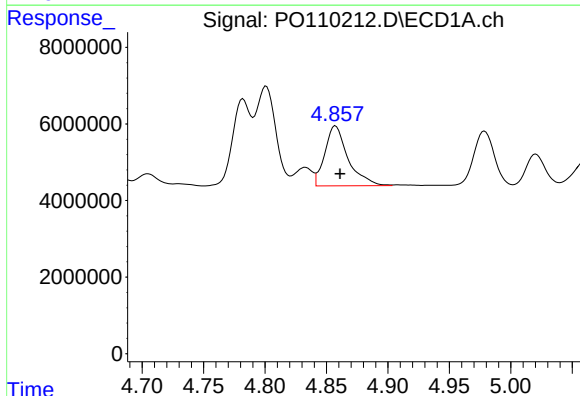
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 29394363
Conc: 79.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



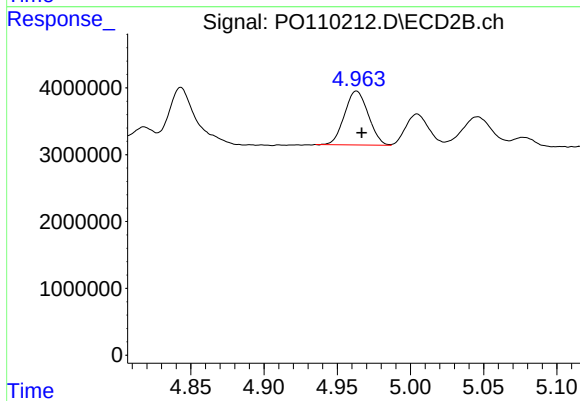
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: -0.005 min
Response: 18220195
Conc: 87.58 ng/ml



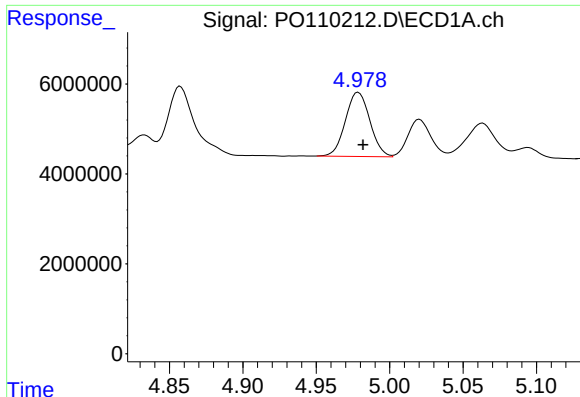
#18 AR-1242-3

R.T.: 4.857 min
Delta R.T.: -0.004 min
Response: 20684289
Conc: 80.19 ng/ml



#18 AR-1242-3

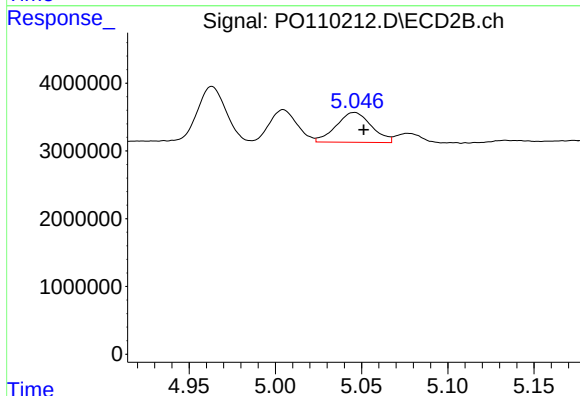
R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 9103579
Conc: 81.56 ng/ml



#19 AR-1242-4

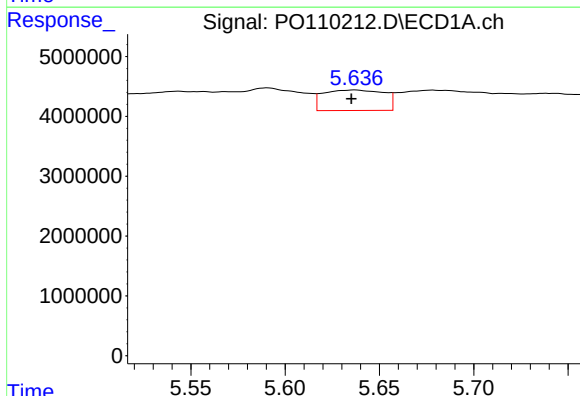
R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 16566860
Conc: 82.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



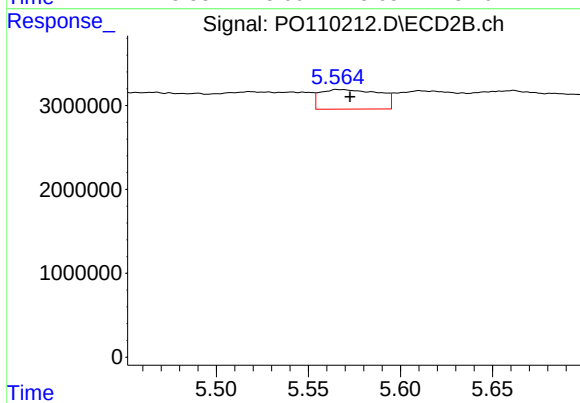
#19 AR-1242-4

R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 6311536
Conc: 54.42 ng/ml



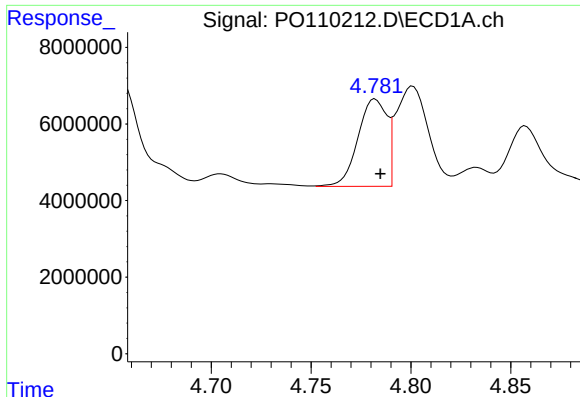
#20 AR-1242-5

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 7662481
Conc: 36.31 ng/ml



#20 AR-1242-5

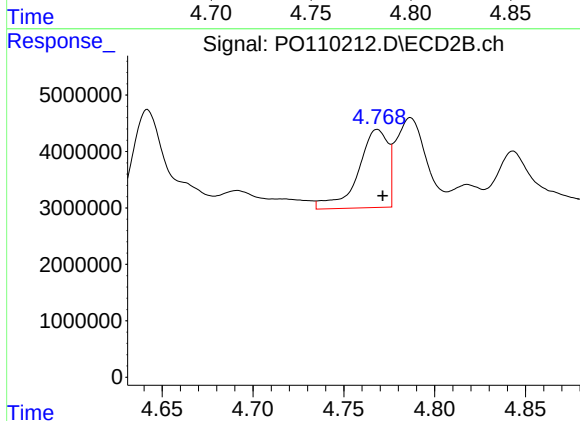
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 5235632
Conc: 38.15 ng/ml



#21 AR-1248-1

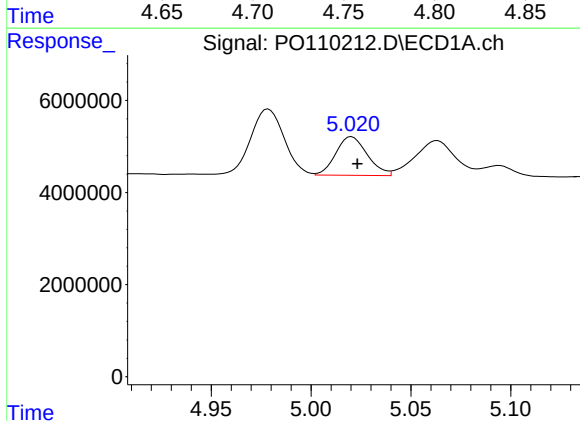
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 22981001
Conc: 104.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



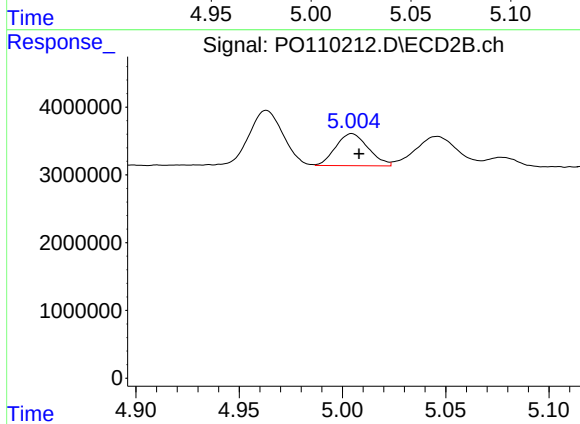
#21 AR-1248-1

R.T.: 4.768 min
Delta R.T.: -0.003 min
Response: 15785907
Conc: 129.89 ng/ml



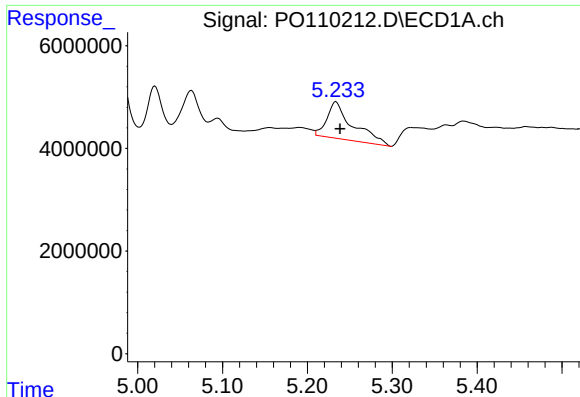
#22 AR-1248-2

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 9229642
Conc: 30.64 ng/ml



#22 AR-1248-2

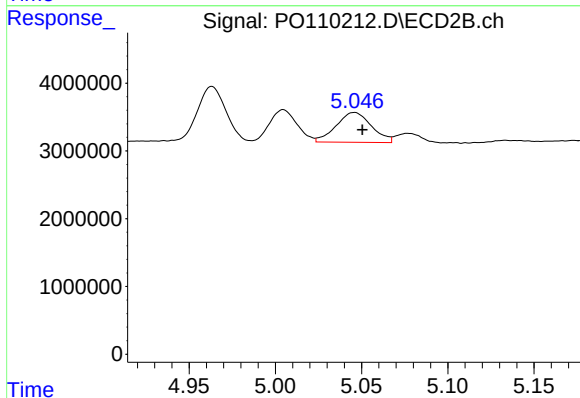
R.T.: 5.005 min
Delta R.T.: -0.004 min
Response: 5197924
Conc: 30.86 ng/ml



#23 AR-1248-3

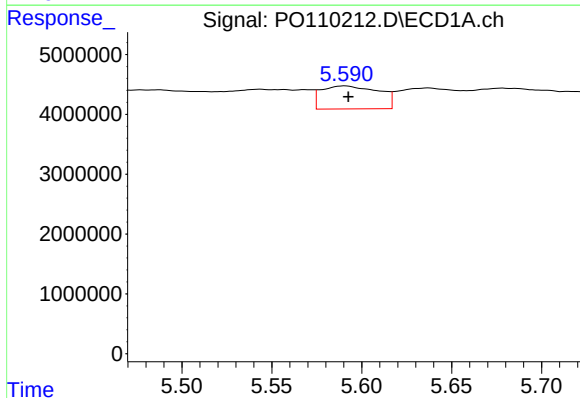
R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 15149475
Conc: 40.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



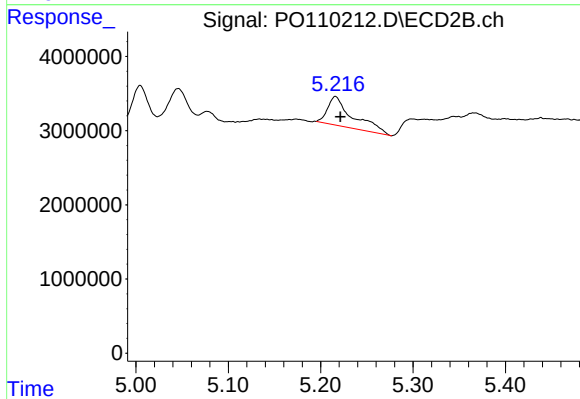
#23 AR-1248-3

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 6311536
Conc: 34.83 ng/ml



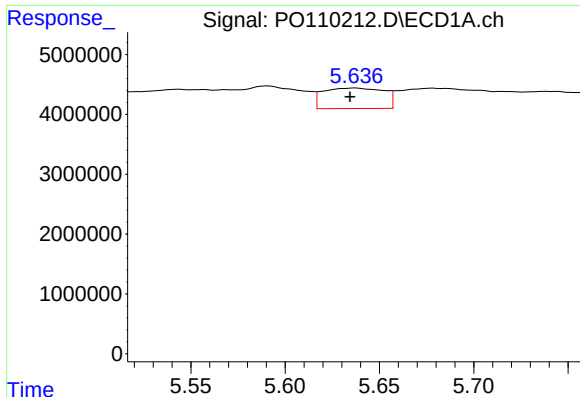
#24 AR-1248-4

R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 8558786
Conc: 16.21 ng/ml



#24 AR-1248-4

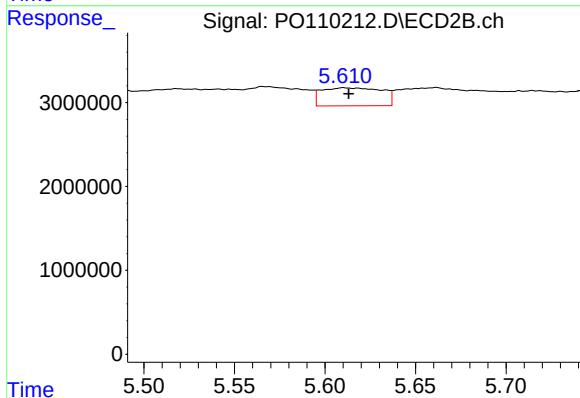
R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 7434231
Conc: 35.32 ng/ml



#25 AR-1248-5

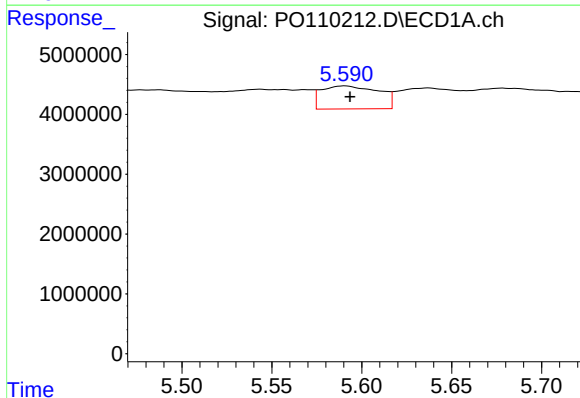
R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 7662481
Conc: 20.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



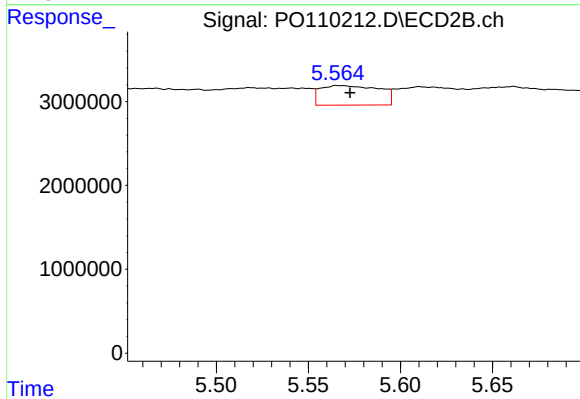
#25 AR-1248-5

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 5014509
Conc: 24.12 ng/ml



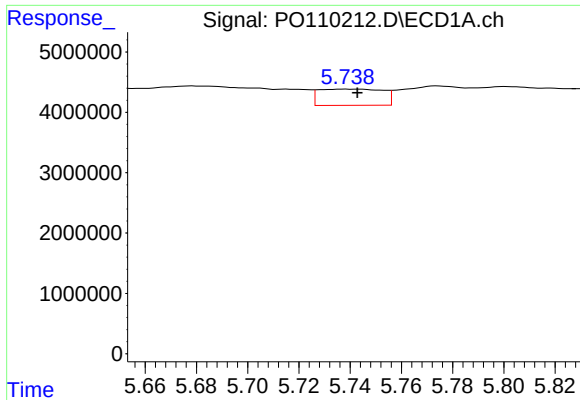
#26 AR-1254-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 8558786
Conc: 15.14 ng/ml



#26 AR-1254-1

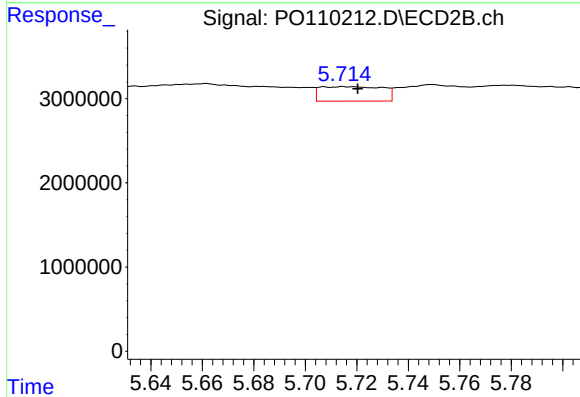
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 5235632
Conc: 16.74 ng/ml



#27 AR-1254-2

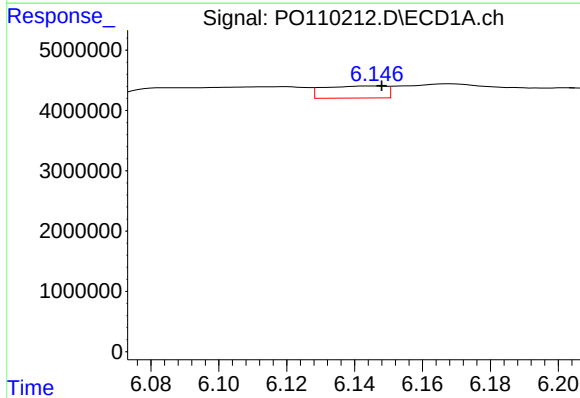
R.T.: 5.739 min
Delta R.T.: -0.004 min
Response: 4676100
Conc: 9.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



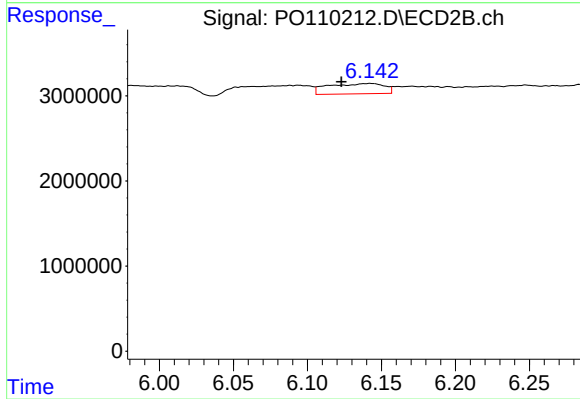
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: -0.006 min
Response: 2918523
Conc: 10.75 ng/ml



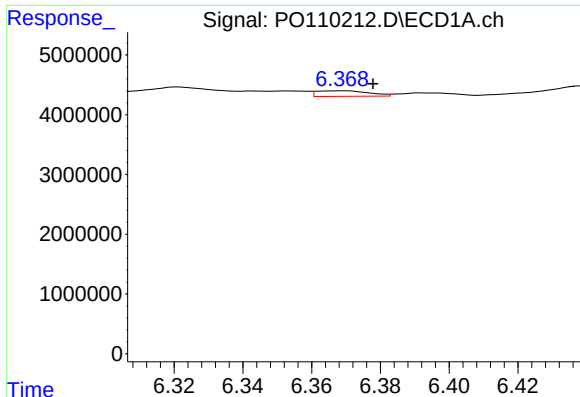
#28 AR-1254-3

R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 2546187
Conc: 3.29 ng/ml



#28 AR-1254-3

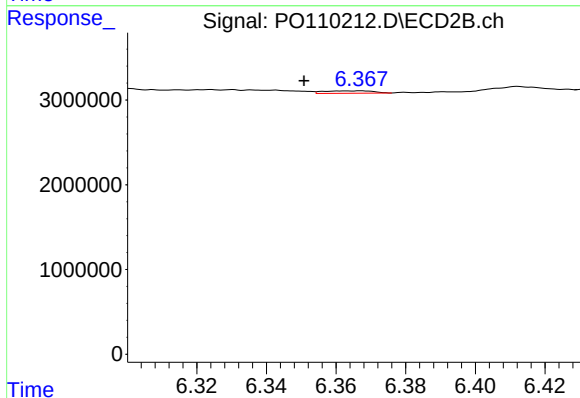
R.T.: 6.143 min
Delta R.T.: 0.020 min
Response: 3185386
Conc: 7.67 ng/ml



#29 AR-1254-4

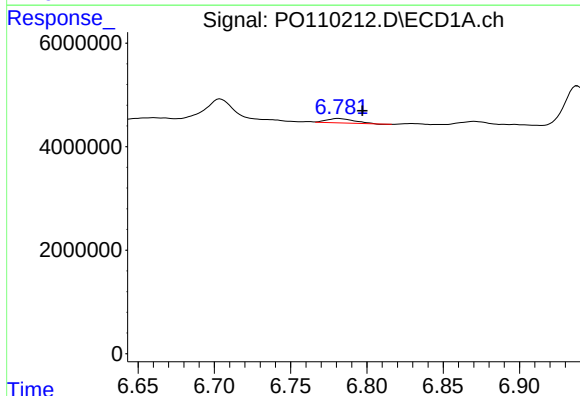
R.T.: 6.369 min
Delta R.T.: -0.009 min
Response: 990875
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



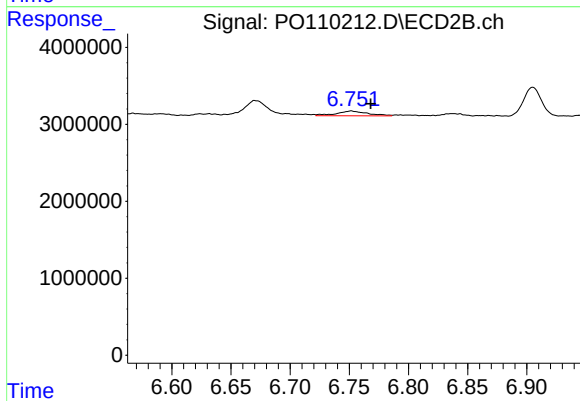
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: 0.016 min
Response: 286450
Conc: 1.18 ng/ml



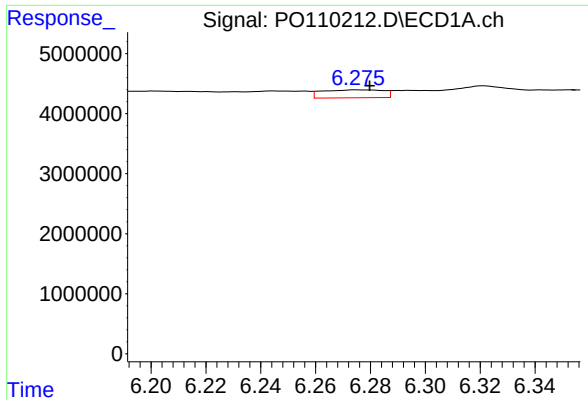
#30 AR-1254-5

R.T.: 6.781 min
Delta R.T.: -0.016 min
Response: 1062427
Conc: 1.63 ng/ml



#30 AR-1254-5

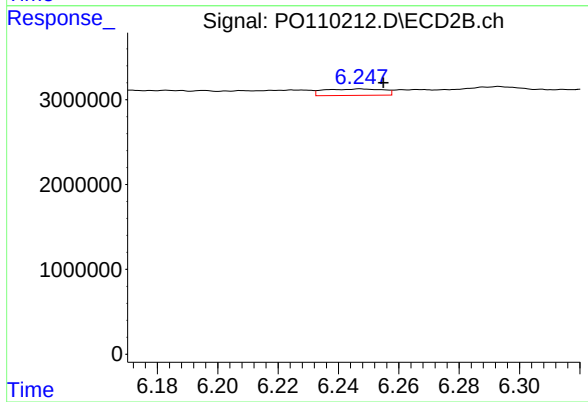
R.T.: 6.752 min
Delta R.T.: -0.016 min
Response: 1111128
Conc: 3.31 ng/ml



#31 AR-1260-1

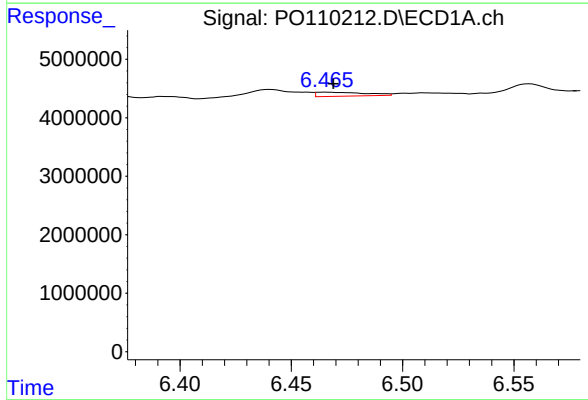
R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 2035345
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



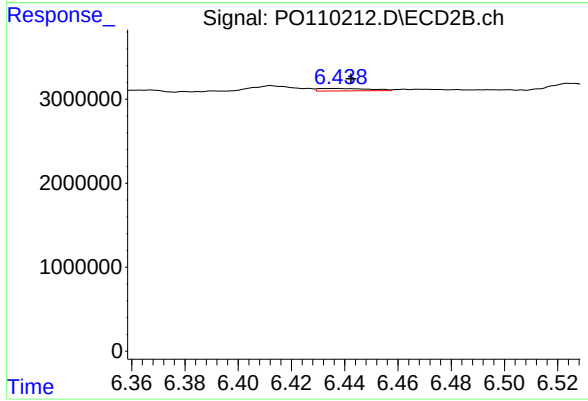
#31 AR-1260-1

R.T.: 6.248 min
Delta R.T.: -0.007 min
Response: 1029476
Conc: 4.03 ng/ml



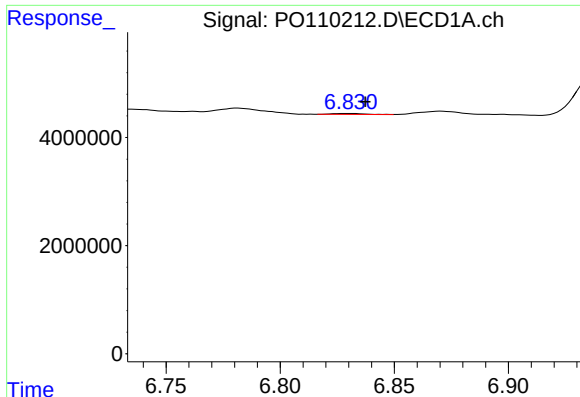
#32 AR-1260-2

R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 1068697
Conc: 1.79 ng/ml



#32 AR-1260-2

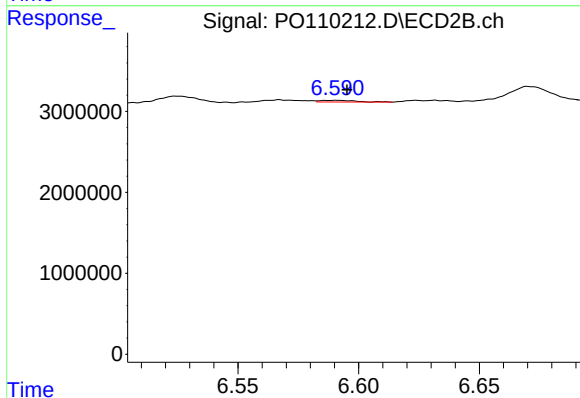
R.T.: 6.437 min
Delta R.T.: -0.005 min
Response: 380745
Conc: 1.27 ng/ml



#33 AR-1260-3

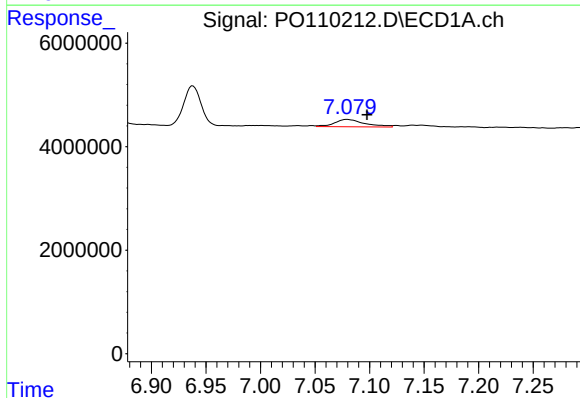
R.T.: 6.830 min
Delta R.T.: -0.008 min
Response: 173973
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



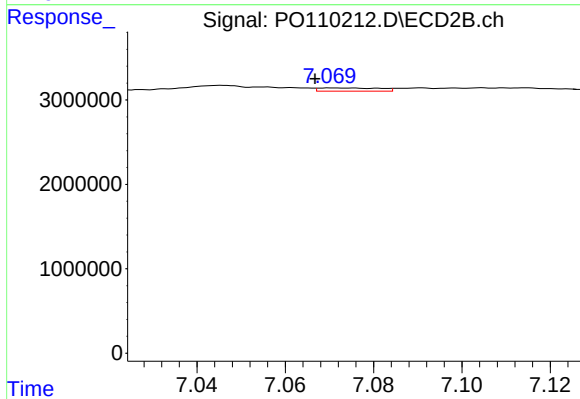
#33 AR-1260-3

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 197847
Conc: 0.68 ng/ml



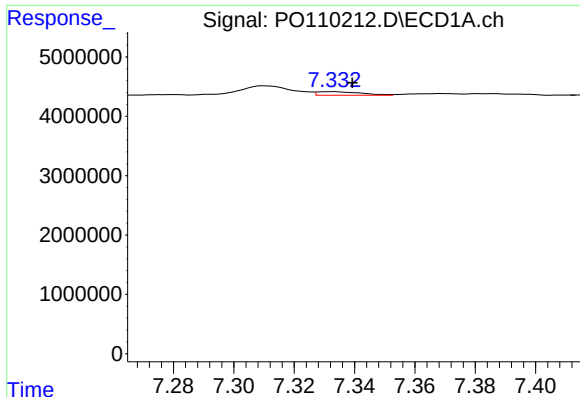
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 2705922
Conc: 6.38 ng/ml



#34 AR-1260-4

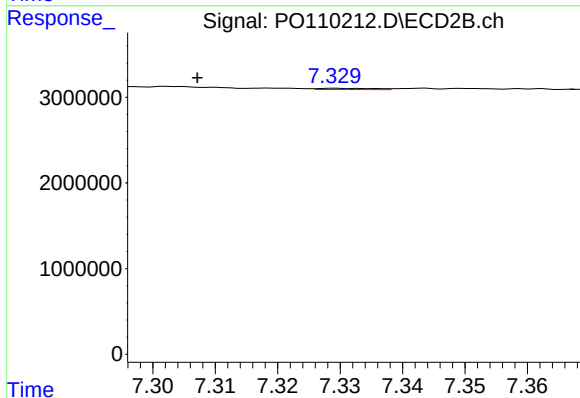
R.T.: 7.071 min
Delta R.T.: 0.004 min
Response: 367533
Conc: 1.71 ng/ml



#35 AR-1260-5

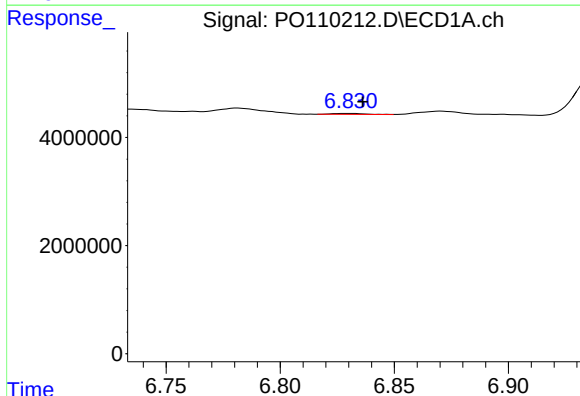
R.T.: 7.333 min
Delta R.T.: -0.007 min
Response: 616500
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



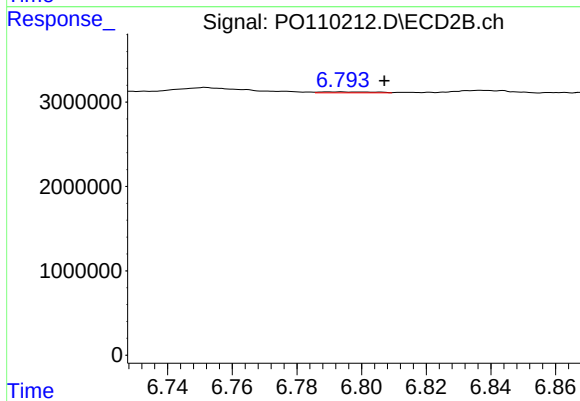
#35 AR-1260-5

R.T.: 7.329 min
Delta R.T.: 0.022 min
Response: 93218
Conc: 0.19 ng/ml



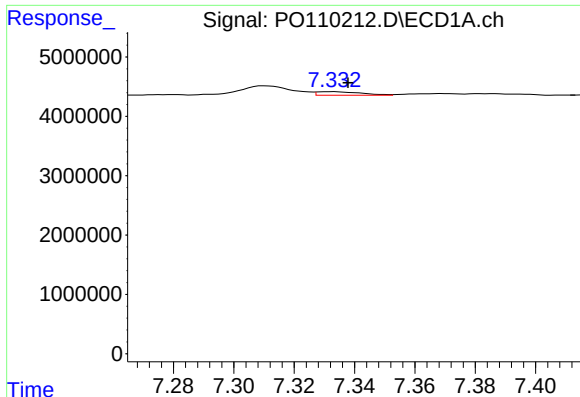
#36 AR-1262-1

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 173973
Conc: 0.25 ng/ml



#36 AR-1262-1

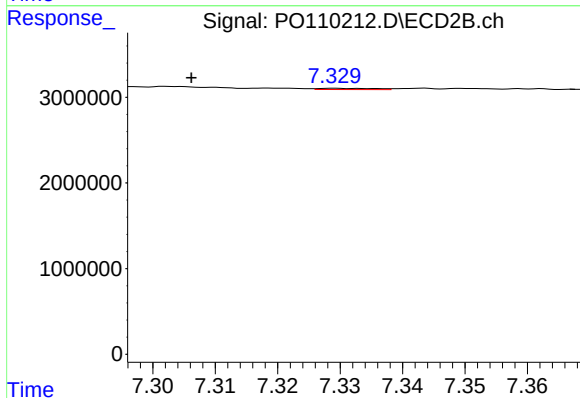
R.T.: 6.793 min
Delta R.T.: -0.014 min
Response: 126657
Conc: 0.37 ng/ml



#37 AR-1262-2

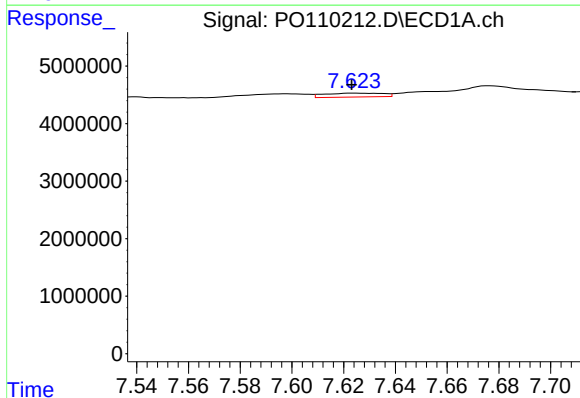
R.T.: 7.333 min
Delta R.T.: -0.005 min
Response: 616500
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



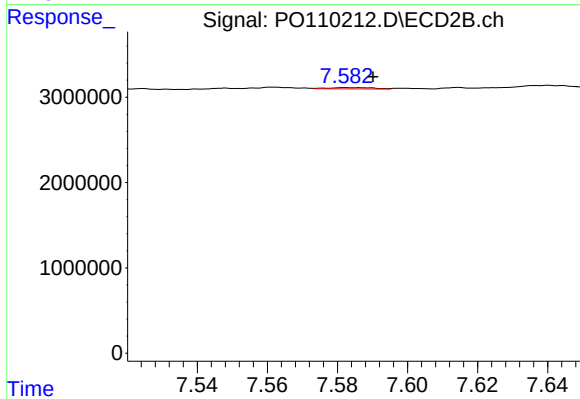
#37 AR-1262-2

R.T.: 7.329 min
Delta R.T.: 0.023 min
Response: 93218
Conc: 0.17 ng/ml



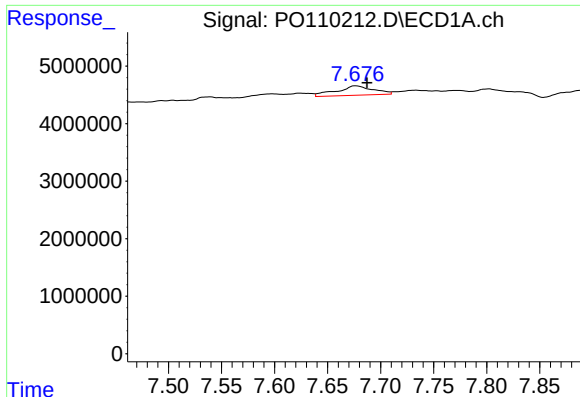
#38 AR-1262-3

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 1058817
Conc: 2.25 ng/ml



#38 AR-1262-3

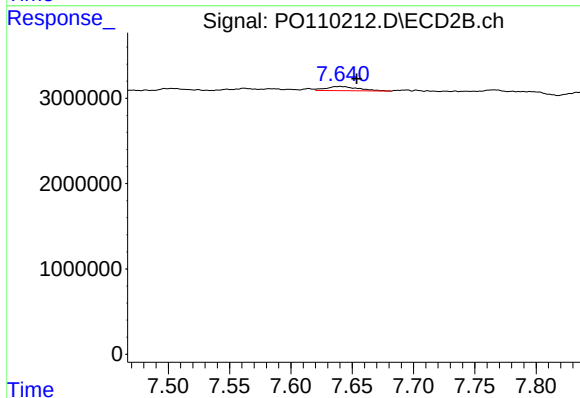
R.T.: 7.583 min
Delta R.T.: -0.007 min
Response: 129276
Conc: 0.67 ng/ml



#39 AR-1262-4

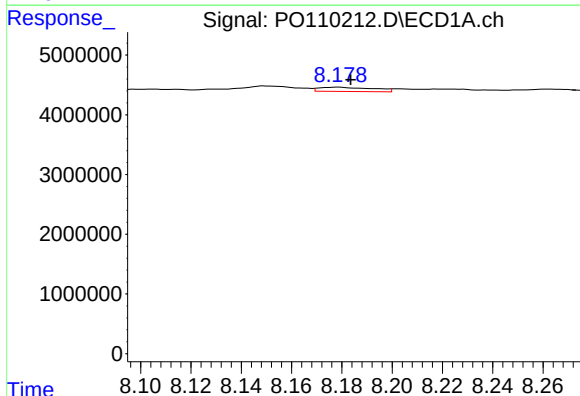
R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 3928230
Conc: 4.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



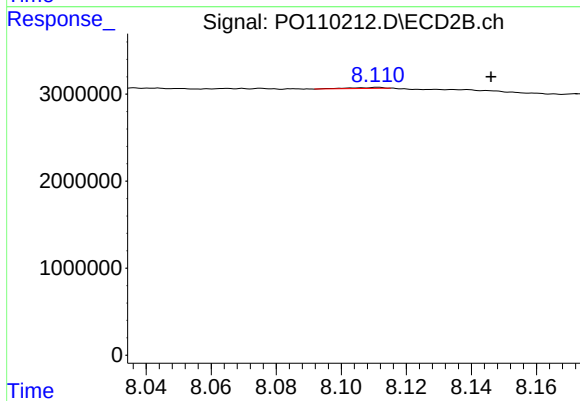
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.013 min
Response: 891167
Conc: 2.46 ng/ml



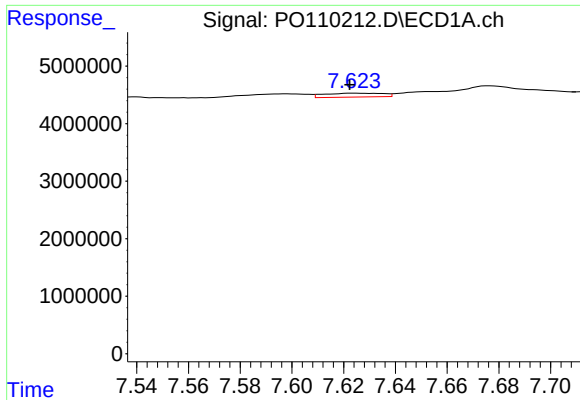
#40 AR-1262-5

R.T.: 8.179 min
Delta R.T.: -0.005 min
Response: 1048070
Conc: 2.66 ng/ml



#40 AR-1262-5

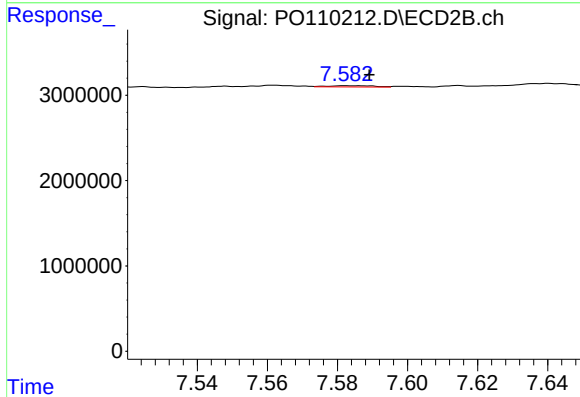
R.T.: 8.111 min
Delta R.T.: -0.035 min
Response: 80032
Conc: 0.57 ng/ml



#41 AR-1268-1

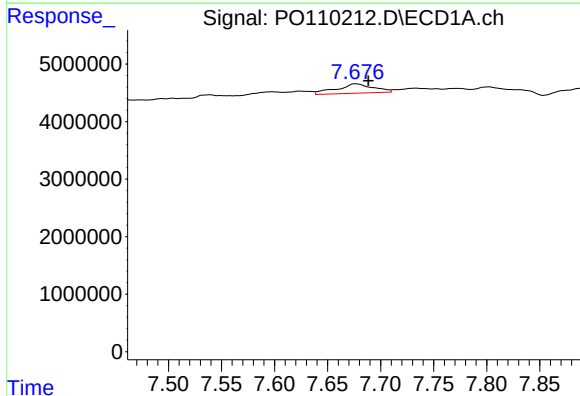
R.T.: 7.624 min
Delta R.T.: 0.002 min
Response: 1058817
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



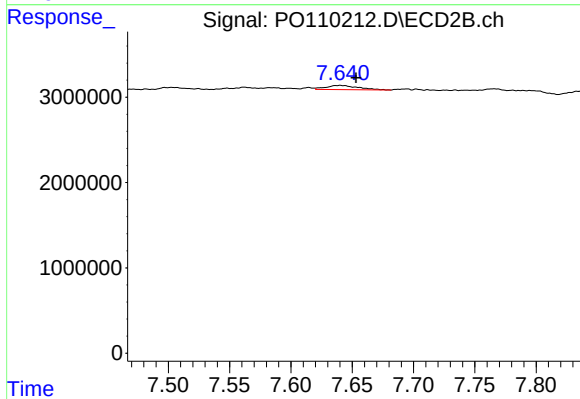
#41 AR-1268-1

R.T.: 7.583 min
Delta R.T.: -0.006 min
Response: 129276
Conc: 0.22 ng/ml



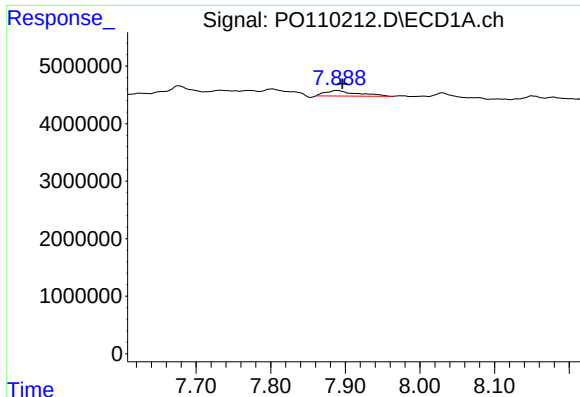
#42 AR-1268-2

R.T.: 7.676 min
Delta R.T.: -0.012 min
Response: 3928230
Conc: 3.07 ng/ml



#42 AR-1268-2

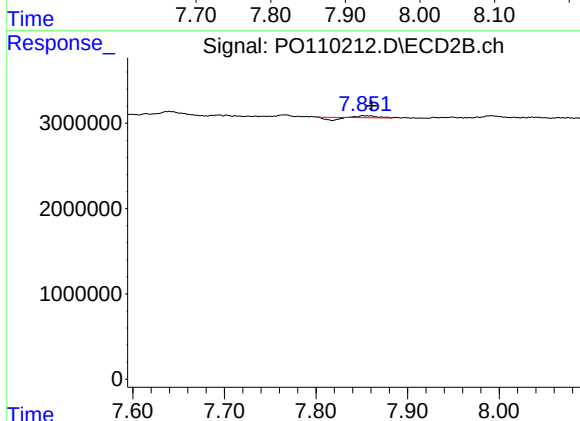
R.T.: 7.640 min
Delta R.T.: -0.013 min
Response: 891167
Conc: 1.66 ng/ml



#43 AR-1268-3

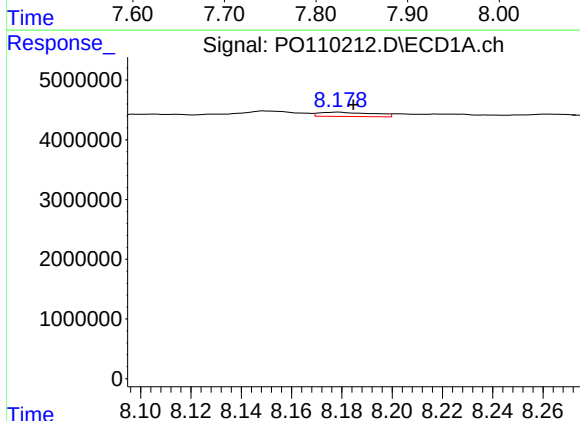
R.T.: 7.889 min
Delta R.T.: -0.007 min
Response: 2860022
Conc: 2.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



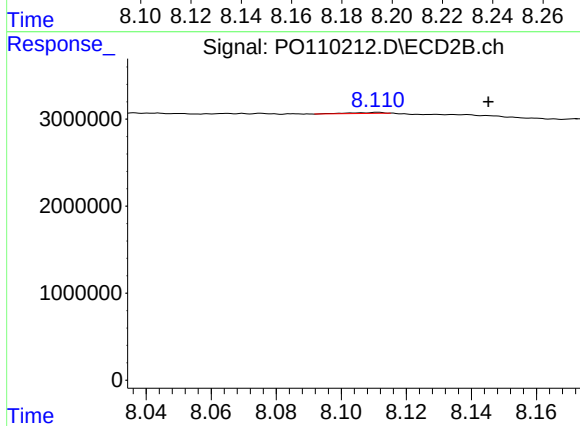
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: -0.010 min
Response: 38886
Conc: 0.09 ng/ml



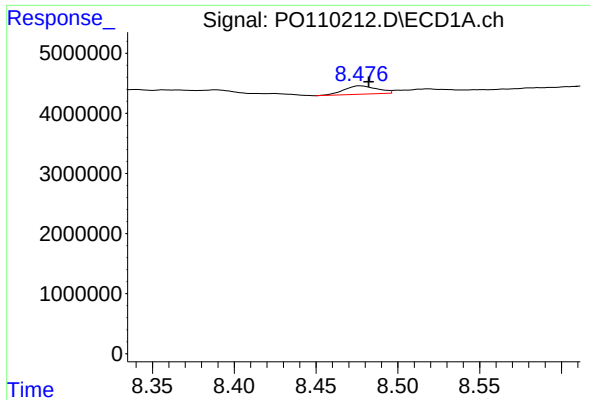
#44 AR-1268-4

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 1048070
Conc: 2.37 ng/ml



#44 AR-1268-4

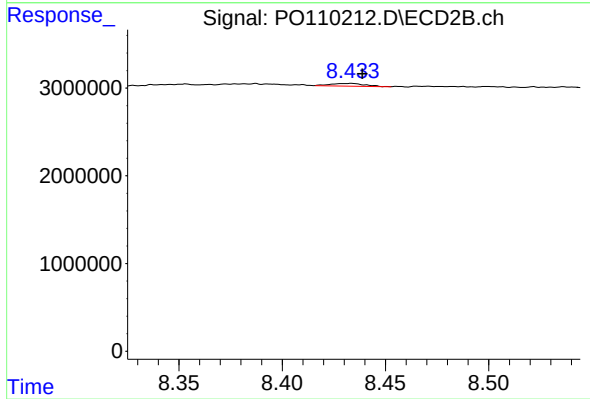
R.T.: 8.111 min
Delta R.T.: -0.034 min
Response: 80032
Conc: 0.50 ng/ml



#45 AR-1268-5

R.T.: 8.477 min
Delta R.T.: -0.005 min
Response: 1953355
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
4125-B



#45 AR-1268-5

R.T.: 8.434 min
Delta R.T.: -0.005 min
Response: 351502
Conc: 0.35 ng/ml