

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072122\
 Data File : P0088228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2022 10:13
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 17:32:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 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...	4.444	3.603	142.8E6	51964729	55.972	55.078
2)	SA Decachlor...	10.295	8.604	104.7E6	53849960	49.293	51.530
Target Compounds							
3)	L1 AR-1016-1	5.620	4.680	36117695	14985681	411.816	416.497
4)	L1 AR-1016-2	5.643	4.699	51816708	20991191	413.002	410.828
5)	L1 AR-1016-3	5.706	4.875	32631533	11640920	420.680	419.322
6)	L1 AR-1016-4	5.805	4.917	25918264	9787828	420.255	420.771
7)	L1 AR-1016-5	6.103	5.129	26860794	12944380	432.795	437.382
8)	L2 AR-1221-1	4.648	3.813	4058816	1509319	134.139	144.272
9)	L2 AR-1221-2	4.740	3.900	6153417	2234232	277.609	281.718
10)	L2 AR-1221-3	4.817	3.974	21503366	7826641	312.036	305.491
11)	L3 AR-1232-1	4.817	3.974	21503366	7826641	413.800	404.566
12)	L3 AR-1232-2	5.156	4.699	28910168	20991191	1127.678	1064.386
13)	L3 AR-1232-3	5.643	4.875	51816708	11640920	1077.532	1143.215
14)	L3 AR-1232-4	5.805	4.958	25918264	12132160	1114.475	1248.928
15)	L3 AR-1232-5	5.896	5.129	23959729	12944380	1233.183	1190.180
16)	L4 AR-1242-1	5.620	4.680	36117695	14985681	529.048	515.093
17)	L4 AR-1242-2	5.643	4.699	51816708	20991191	534.934	518.280
18)	L4 AR-1242-3	5.706	4.875	32631533	11640920	537.828	526.848
19)	L4 AR-1242-4	5.805	4.958	25918264	12132160	538.095	518.880
20)	L4 AR-1242-5	6.547	5.481	26865357	14759758	510.132	550.719
21)	L5 AR-1248-1	5.620	4.680	36117695	14985681	676.002	654.217
22)	L5 AR-1248-2	5.896	4.917	23959729	9787828	308.362	290.161
23)	L5 AR-1248-3	6.103	4.958	26860794	12132160	320.881	349.094
24)	L5 AR-1248-4	6.508	5.129	25833207	12944380	281.078	309.194
25)	L5 AR-1248-5	6.547	5.523	26865357	11588545	298.715	321.640
26)	L6 AR-1254-1	6.481	5.481	20348505	14759758	214.617	256.001
27)	L6 AR-1254-2	6.706	5.629	24220630	3931111	168.716	76.667 #
28)	L6 AR-1254-3	7.071	6.033	11229837	5484838	76.666	67.589
29)	L6 AR-1254-4	7.359	6.262	7996053	3950105	73.882	79.201
30)	L6 AR-1254-5	7.780	6.680	3268737	2093970	27.160	27.725
31)	L7 AR-1260-1	7.237	6.176	2119837	3148575	18.218	58.094 #
32)	L7 AR-1260-2	7.494	6.351	2962754	860996	21.928	13.260 #
33)	L7 AR-1260-3	7.841	6.502	453060	1259864	4.949	20.254 #
34)	L7 AR-1260-4	8.069	7.014	1297166	554968	12.008	11.733
35)	L7 AR-1260-5	8.408	7.219	461572	214986	2.249	1.879
36)	L8 AR-1262-1	7.841	6.751	453060	124096	3.298	4.094
37)	L8 AR-1262-2	8.408	7.219	461572	214986	1.961	1.600
38)	L8 AR-1262-3	8.749	7.533	252646	118703	1.524	2.177 #
39)	L8 AR-1262-4	8.813	7.564	59844	260587	0.717	2.576 #
40)	L8 AR-1262-5	9.497	8.061	705967	74747	7.921	1.522 #
41)	L9 AR-1268-1	8.749	7.533	252646	118703	0.893	0.749

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 Acq On : 21 Jul 2022 10:13
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

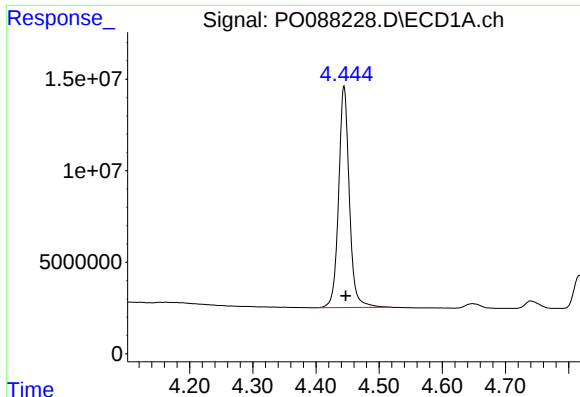
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 17:32:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.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	8.839	7.564	78925	260587	0.304	1.812 #
43) L9	AR-1268-3	9.067	7.772	306178	263694	1.367	2.117 #
44) L9	AR-1268-4	9.497	8.061	705967	74747	7.200	1.393 #
45) L9	AR-1268-5	9.939	8.351	1377286	592344	1.896	1.532

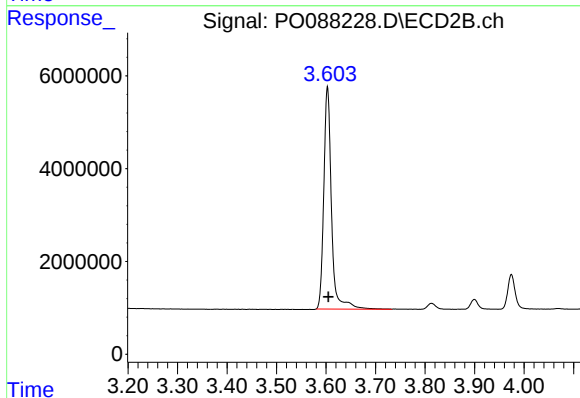
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

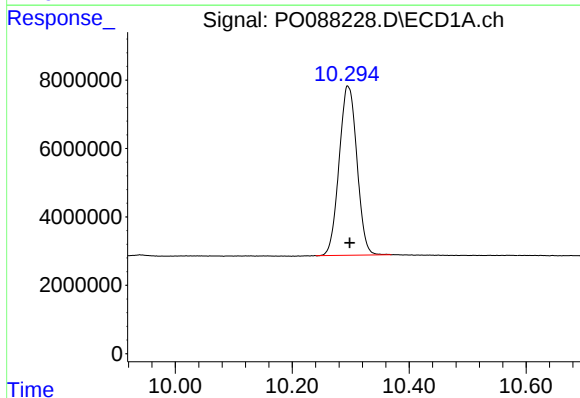
R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 142794145
Conc: 55.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



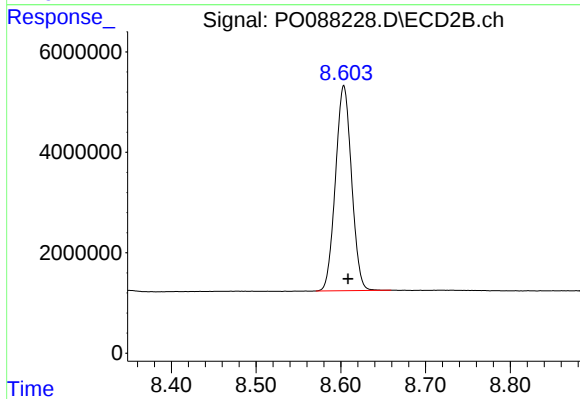
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 51964729
Conc: 55.08 ng/ml



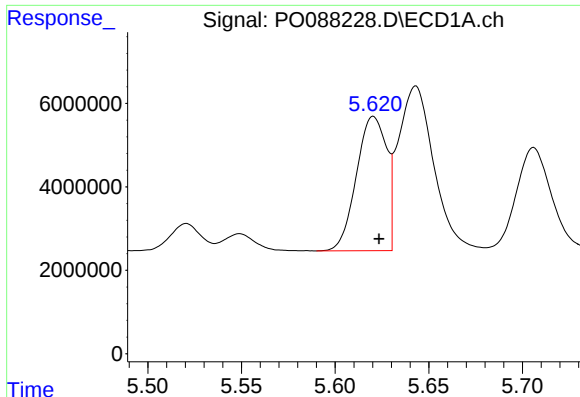
#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: -0.003 min
Response: 104684834
Conc: 49.29 ng/ml



#2 Decachlorobiphenyl

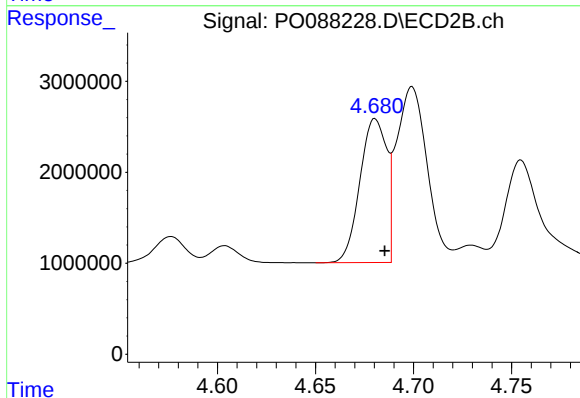
R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 53849960
Conc: 51.53 ng/ml



#3 AR-1016-1

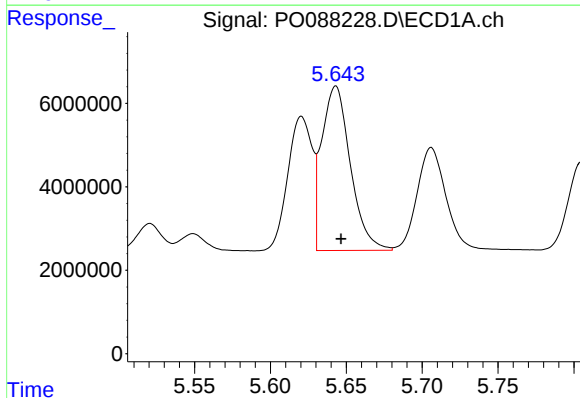
R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 36117695
Conc: 411.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



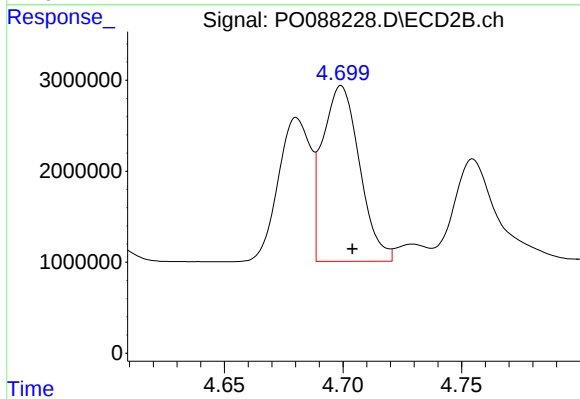
#3 AR-1016-1

R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 14985681
Conc: 416.50 ng/ml



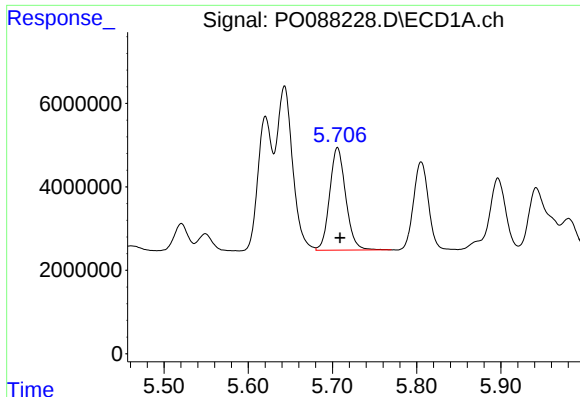
#4 AR-1016-2

R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 51816708
Conc: 413.00 ng/ml



#4 AR-1016-2

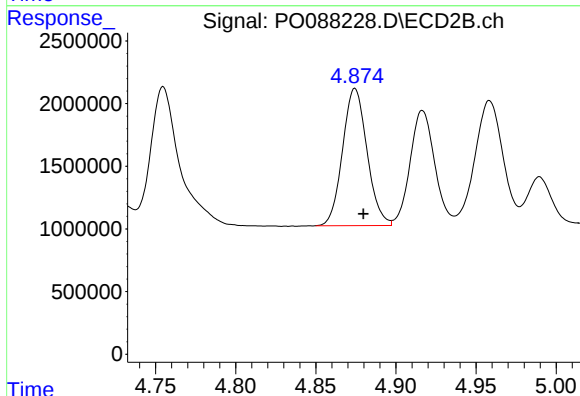
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 20991191
Conc: 410.83 ng/ml



#5 AR-1016-3

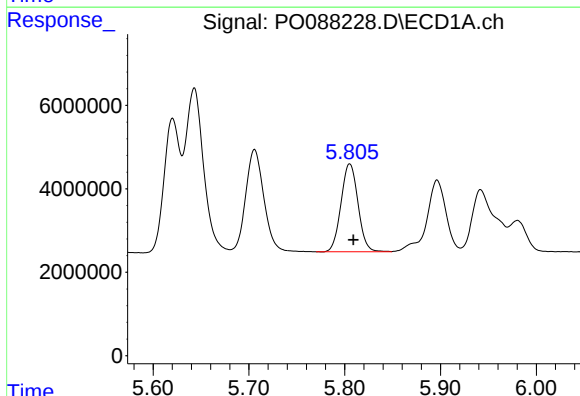
R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 32631533
Conc: 420.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



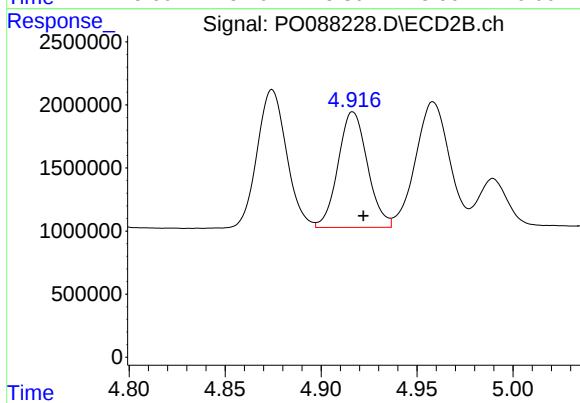
#5 AR-1016-3

R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 11640920
Conc: 419.32 ng/ml



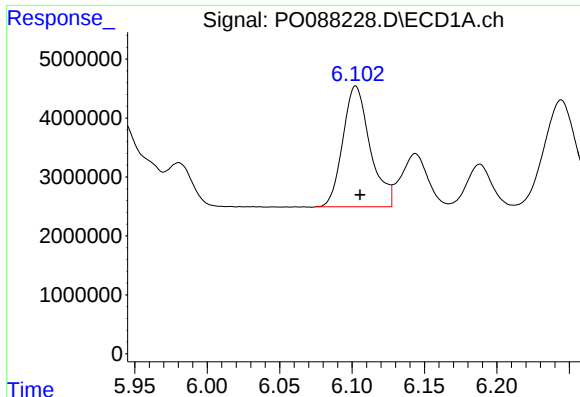
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: -0.004 min
Response: 25918264
Conc: 420.25 ng/ml



#6 AR-1016-4

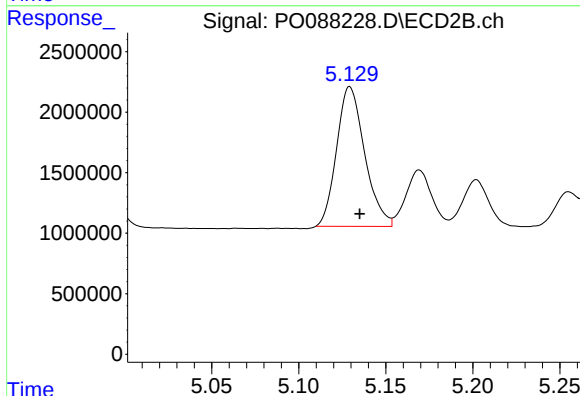
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 9787828
Conc: 420.77 ng/ml



#7 AR-1016-5

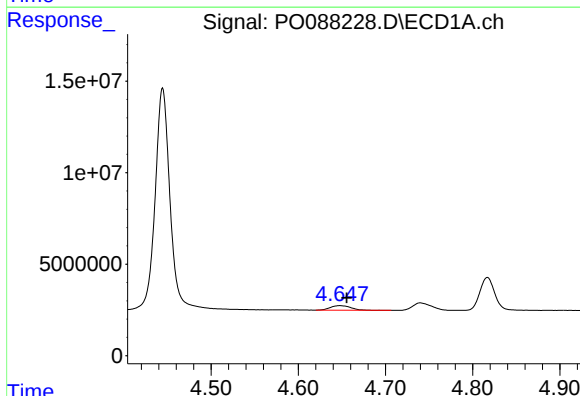
R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 26860794
Conc: 432.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



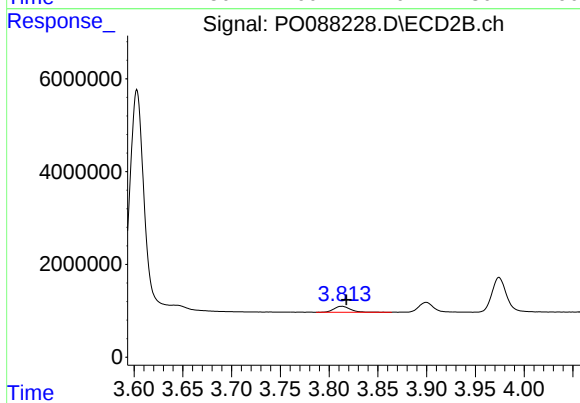
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 12944380
Conc: 437.38 ng/ml



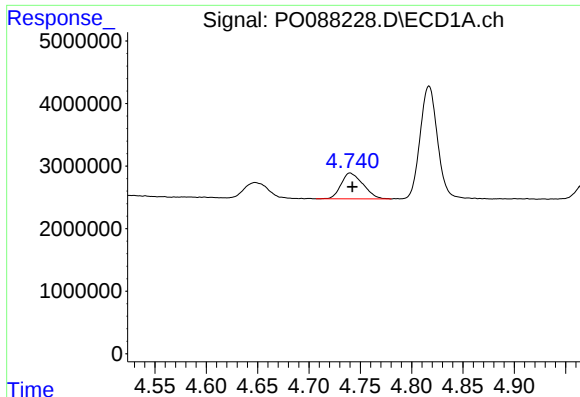
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.008 min
Response: 4058816
Conc: 134.14 ng/ml



#8 AR-1221-1

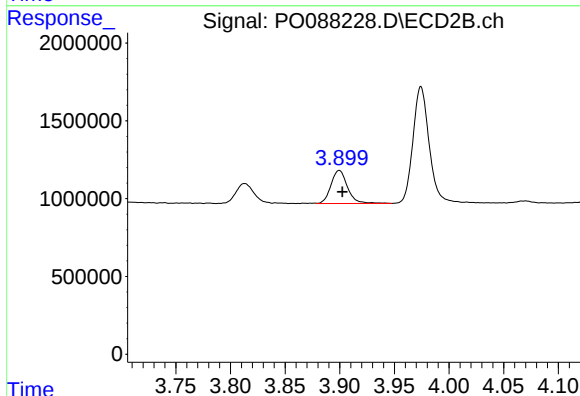
R.T.: 3.813 min
Delta R.T.: -0.005 min
Response: 1509319
Conc: 144.27 ng/ml



#9 AR-1221-2

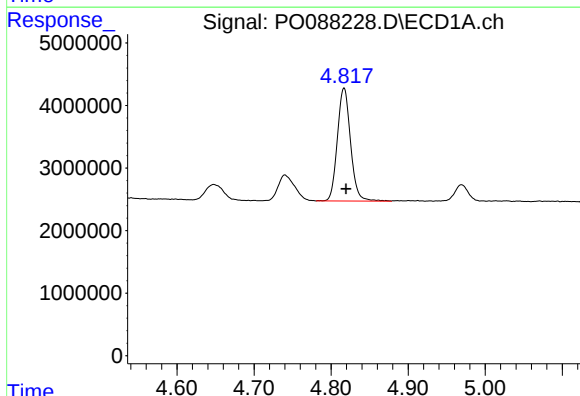
R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 6153417
Conc: 277.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



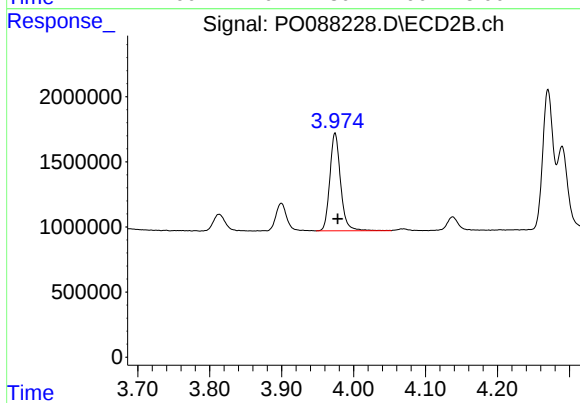
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.003 min
Response: 2234232
Conc: 281.72 ng/ml



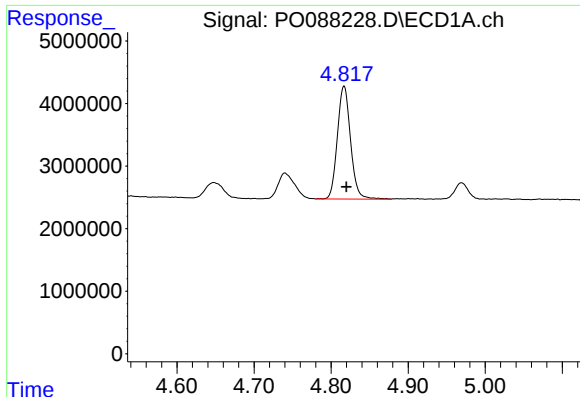
#10 AR-1221-3

R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 21503366
Conc: 312.04 ng/ml



#10 AR-1221-3

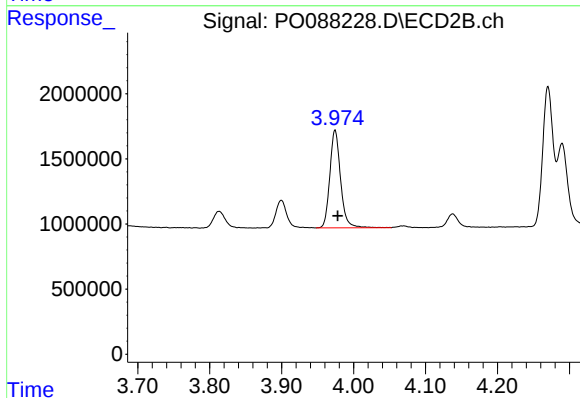
R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 7826641
Conc: 305.49 ng/ml



#11 AR-1232-1

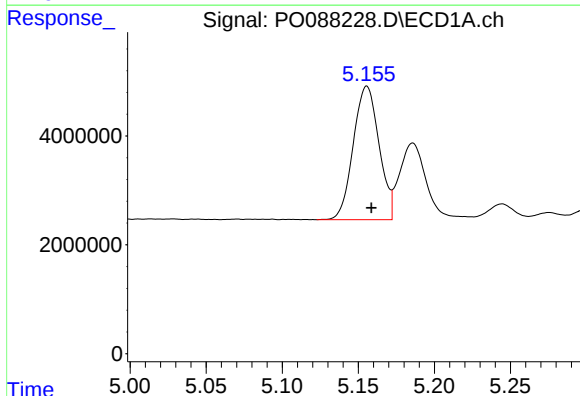
R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 21503366
Conc: 413.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



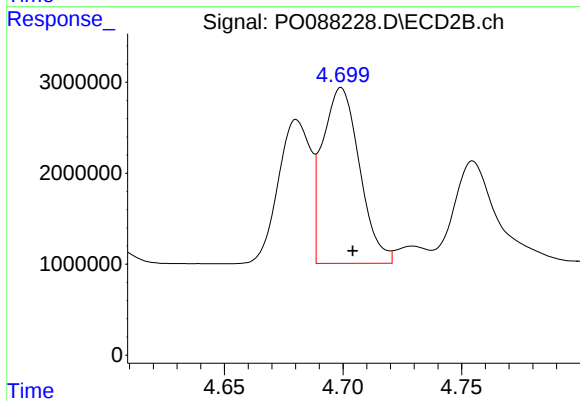
#11 AR-1232-1

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 7826641
Conc: 404.57 ng/ml



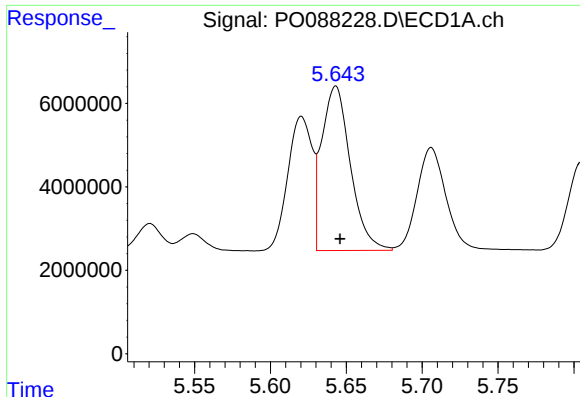
#12 AR-1232-2

R.T.: 5.156 min
Delta R.T.: -0.003 min
Response: 28910168
Conc: 1127.68 ng/ml



#12 AR-1232-2

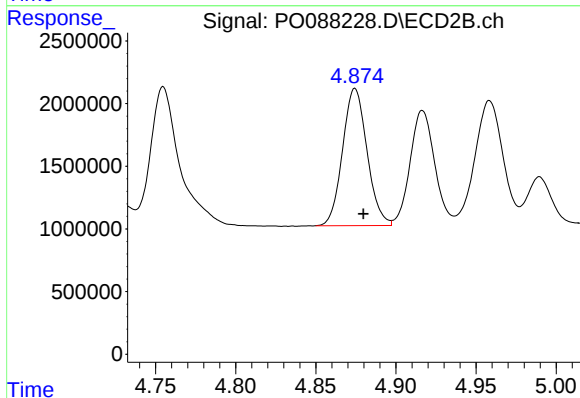
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 20991191
Conc: 1064.39 ng/ml



#13 AR-1232-3

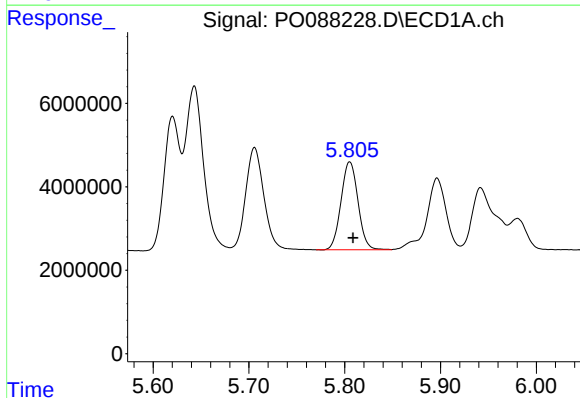
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 51816708
Conc: 1077.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



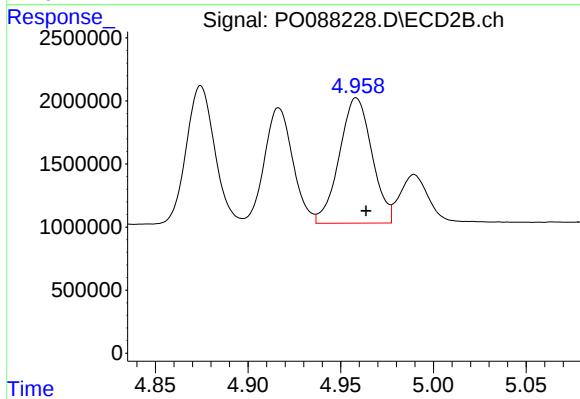
#13 AR-1232-3

R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 11640920
Conc: 1143.21 ng/ml



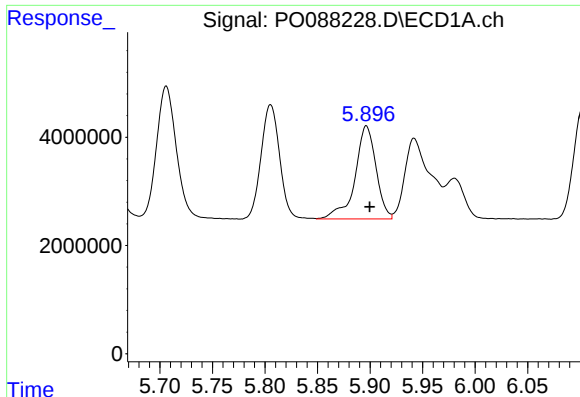
#14 AR-1232-4

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 25918264
Conc: 1114.48 ng/ml



#14 AR-1232-4

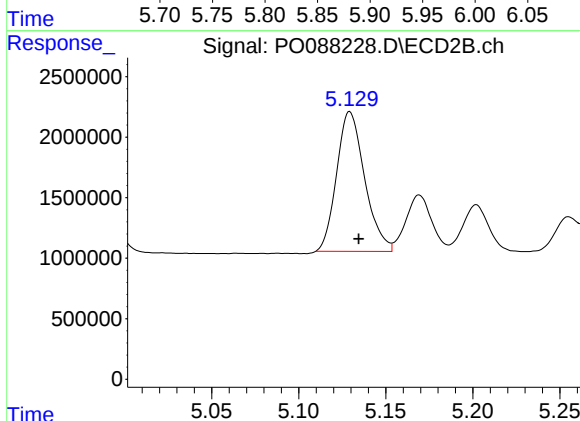
R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 12132160
Conc: 1248.93 ng/ml



#15 AR-1232-5

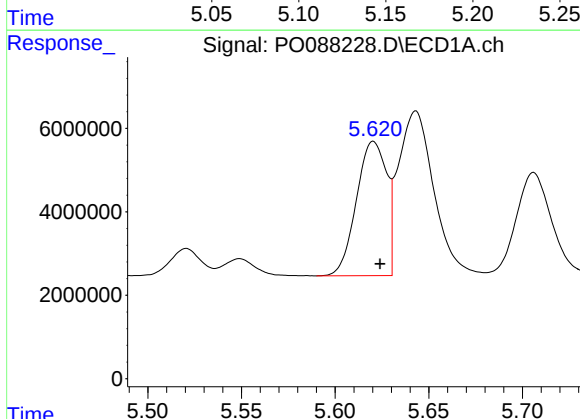
R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 23959729
Conc: 1233.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



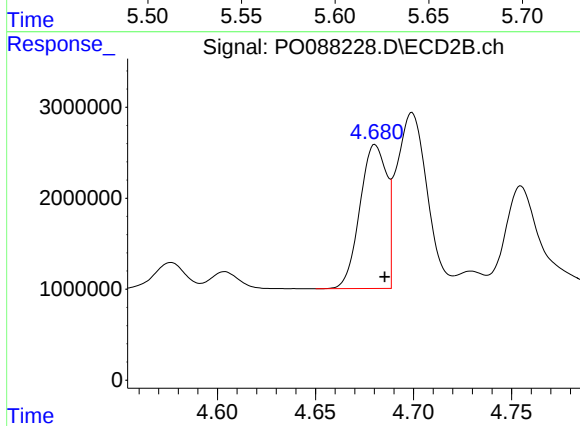
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 12944380
Conc: 1190.18 ng/ml



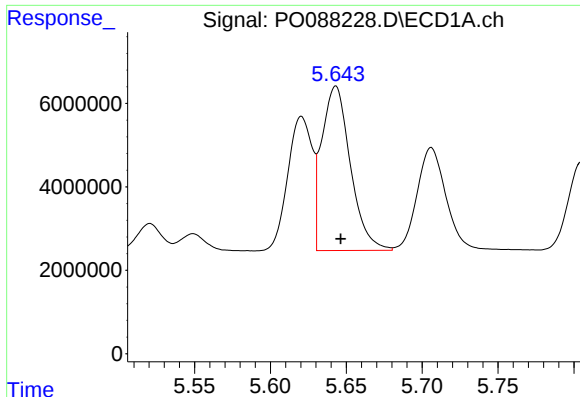
#16 AR-1242-1

R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 36117695
Conc: 529.05 ng/ml



#16 AR-1242-1

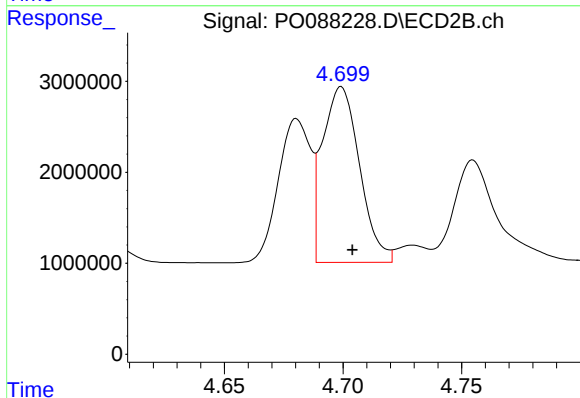
R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 14985681
Conc: 515.09 ng/ml



#17 AR-1242-2

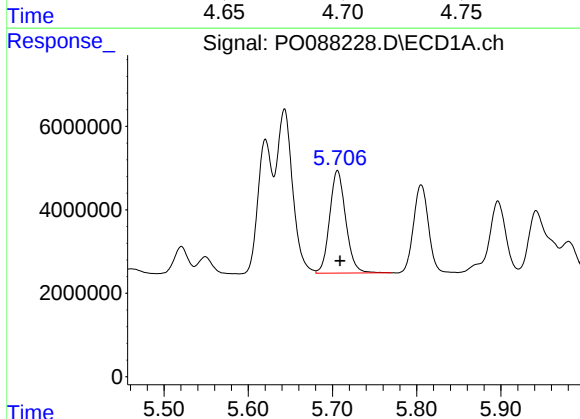
R.T.: 5.643 min
Delta R.T.: -0.003 min
Response: 51816708
Conc: 534.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



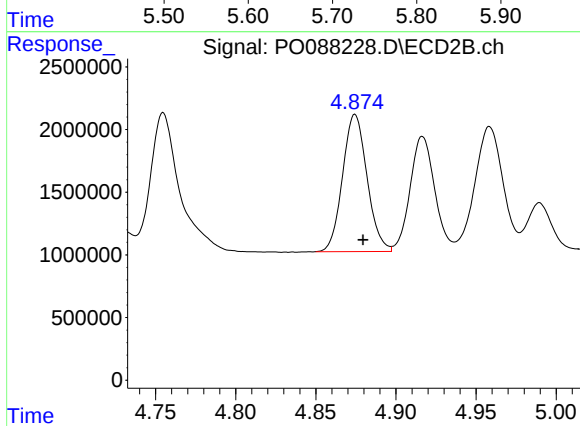
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 20991191
Conc: 518.28 ng/ml



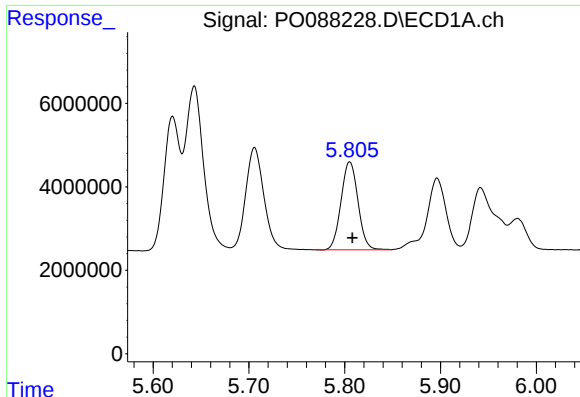
#18 AR-1242-3

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 32631533
Conc: 537.83 ng/ml



#18 AR-1242-3

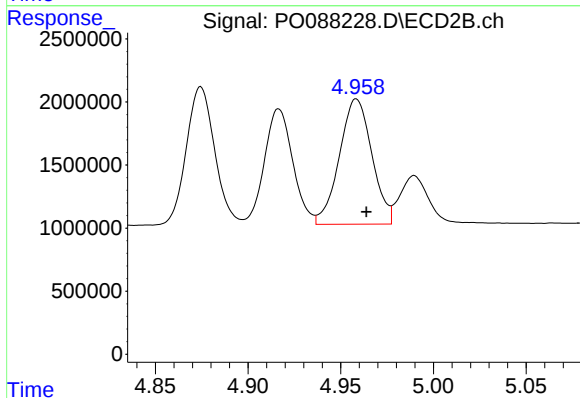
R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 11640920
Conc: 526.85 ng/ml



#19 AR-1242-4

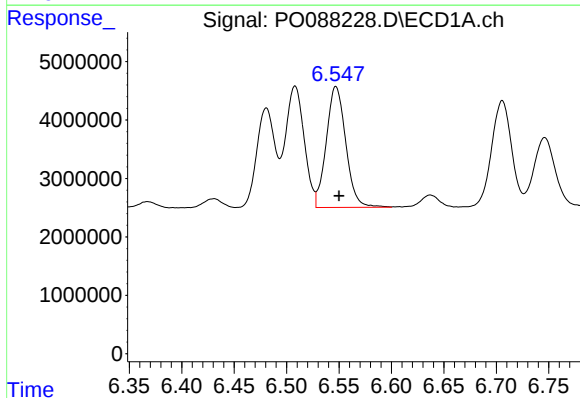
R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 25918264
Conc: 538.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



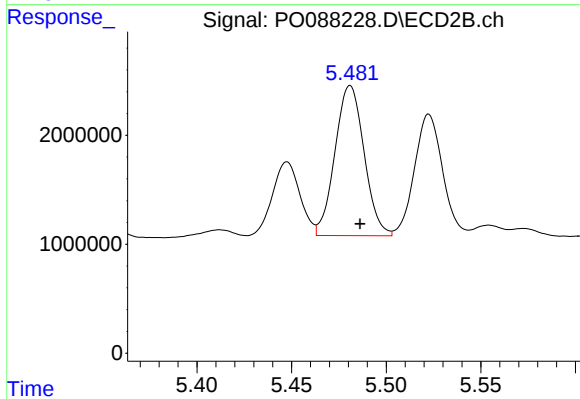
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 12132160
Conc: 518.88 ng/ml



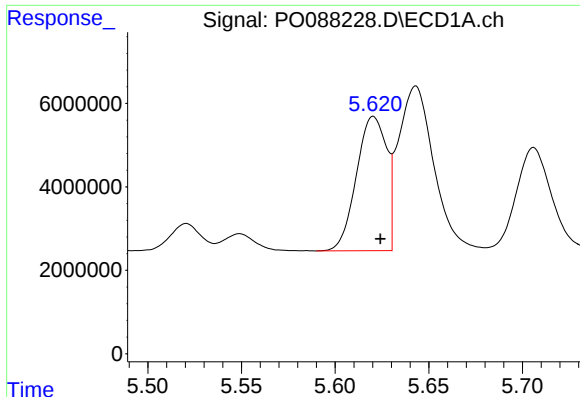
#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 26865357
Conc: 510.13 ng/ml



#20 AR-1242-5

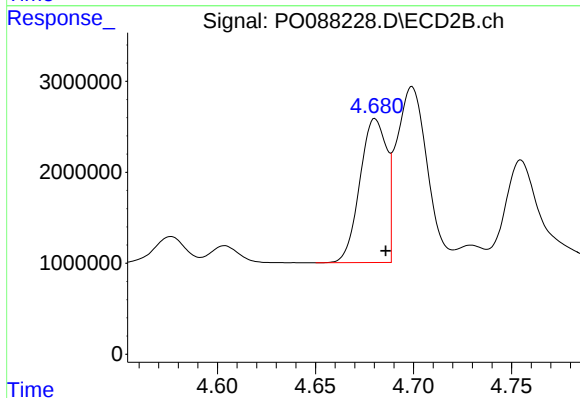
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 14759758
Conc: 550.72 ng/ml



#21 AR-1248-1

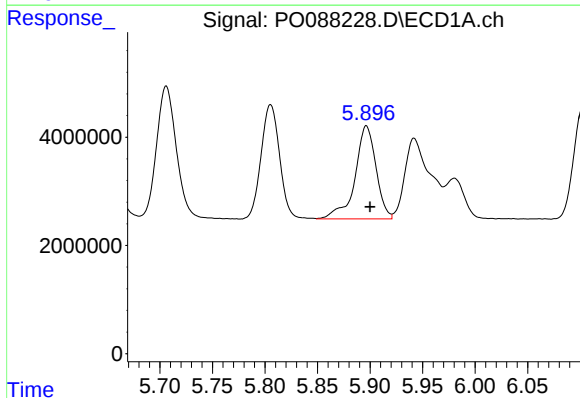
R.T.: 5.620 min
Delta R.T.: -0.004 min
Response: 36117695
Conc: 676.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



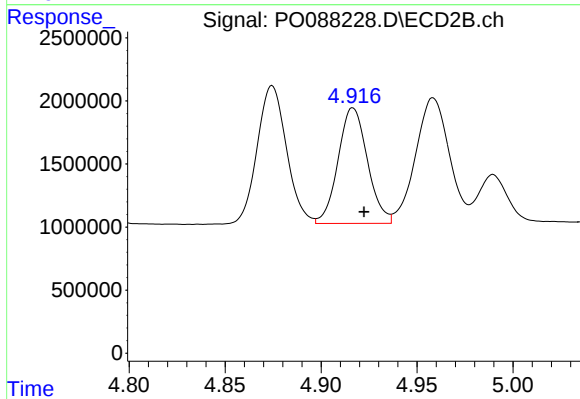
#21 AR-1248-1

R.T.: 4.680 min
Delta R.T.: -0.005 min
Response: 14985681
Conc: 654.22 ng/ml



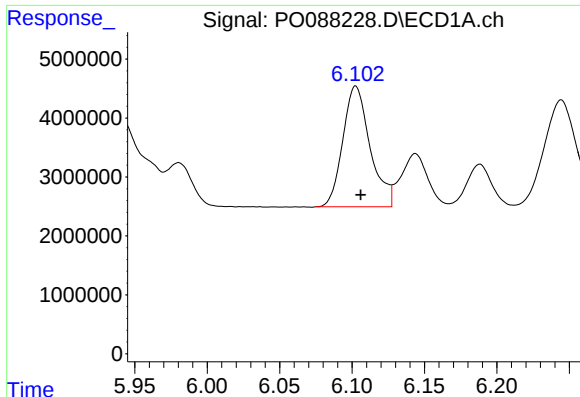
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 23959729
Conc: 308.36 ng/ml



#22 AR-1248-2

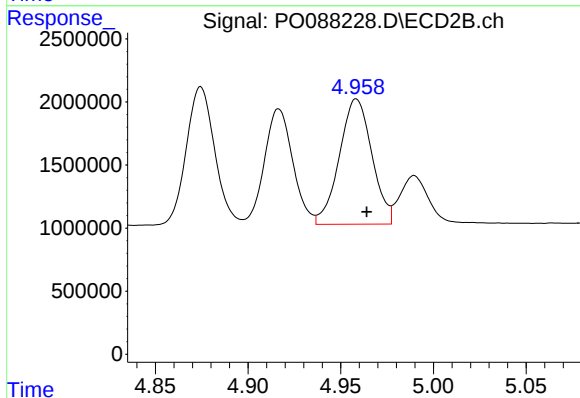
R.T.: 4.917 min
Delta R.T.: -0.006 min
Response: 9787828
Conc: 290.16 ng/ml



#23 AR-1248-3

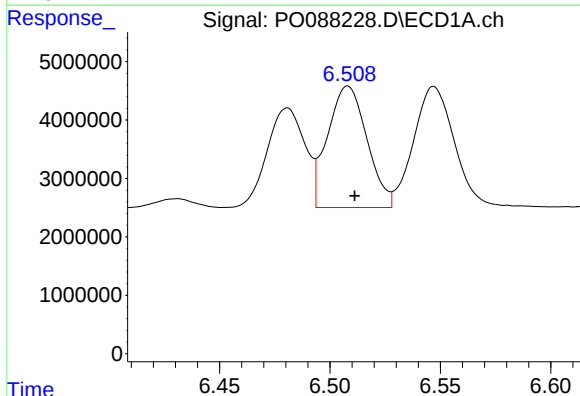
R.T.: 6.103 min
Delta R.T.: -0.003 min
Response: 26860794
Conc: 320.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



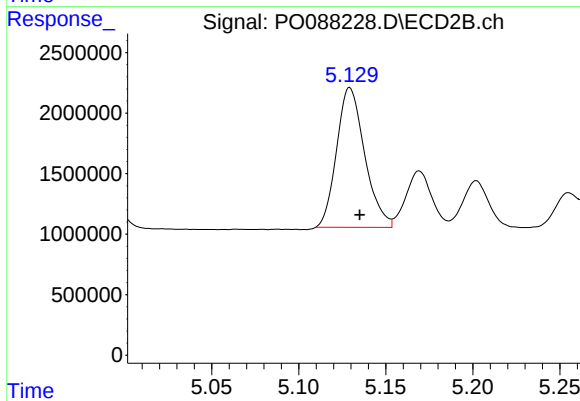
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 12132160
Conc: 349.09 ng/ml



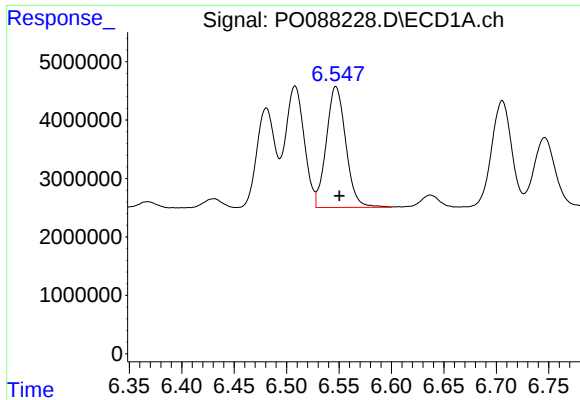
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.003 min
Response: 25833207
Conc: 281.08 ng/ml



#24 AR-1248-4

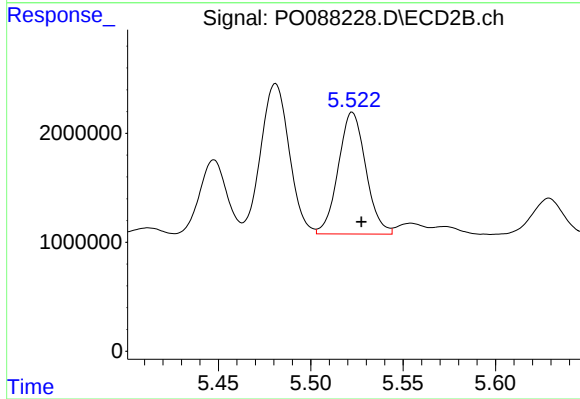
R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 12944380
Conc: 309.19 ng/ml



#25 AR-1248-5

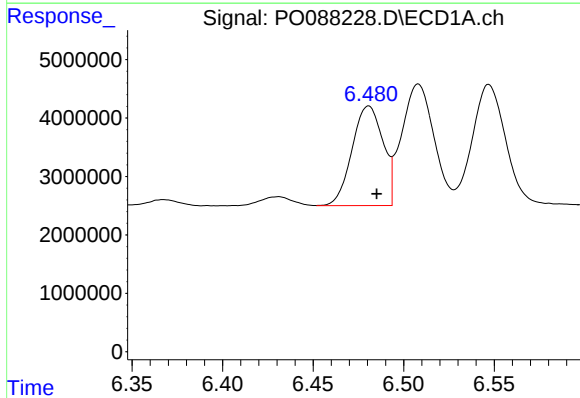
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 26865357
Conc: 298.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



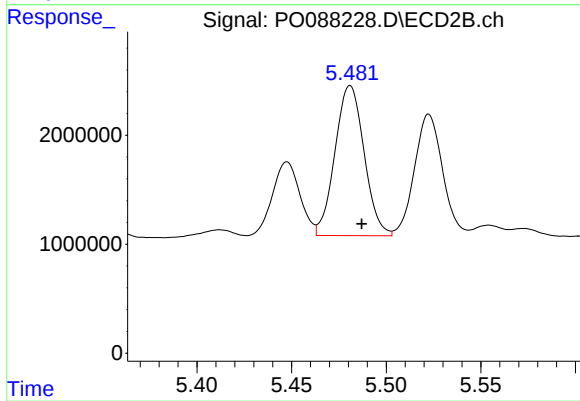
#25 AR-1248-5

R.T.: 5.523 min
Delta R.T.: -0.005 min
Response: 11588545
Conc: 321.64 ng/ml



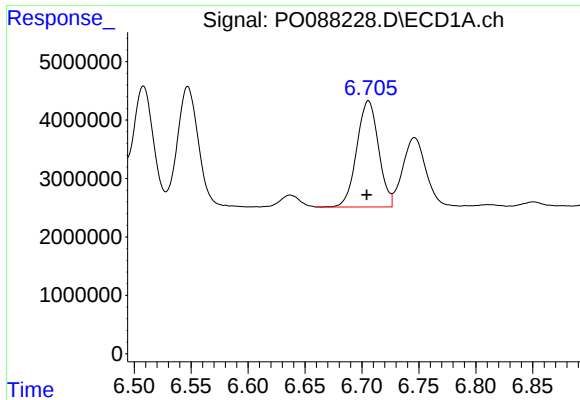
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 20348505
Conc: 214.62 ng/ml



#26 AR-1254-1

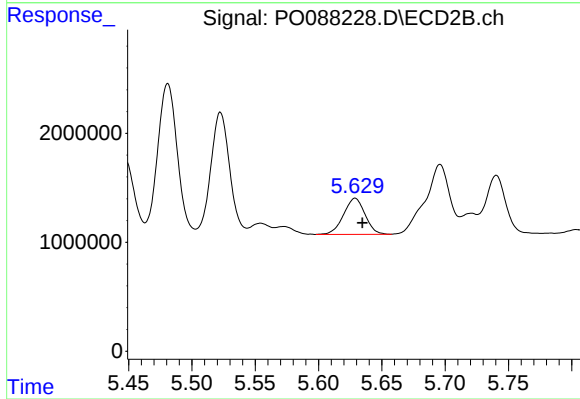
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 14759758
Conc: 256.00 ng/ml



#27 AR-1254-2

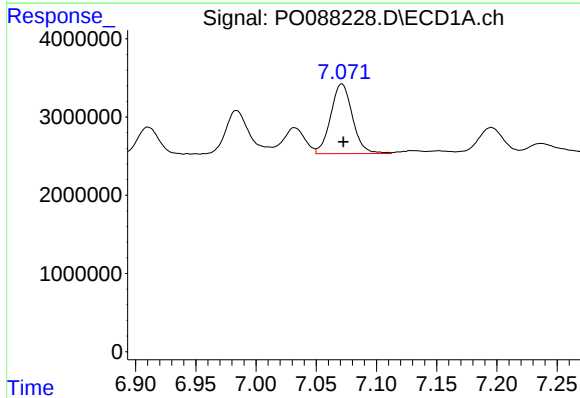
R.T.: 6.706 min
Delta R.T.: 0.002 min
Response: 24220630
Conc: 168.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



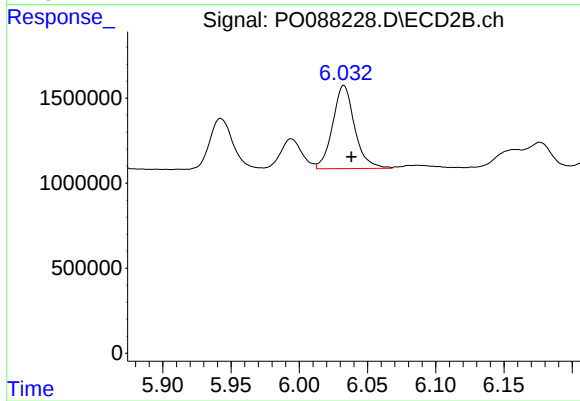
#27 AR-1254-2

R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 3931111
Conc: 76.67 ng/ml



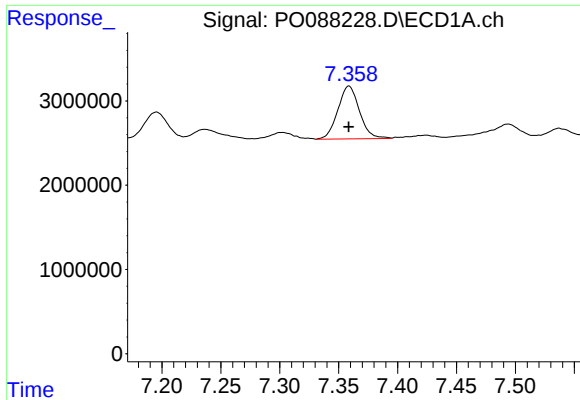
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 11229837
Conc: 76.67 ng/ml



#28 AR-1254-3

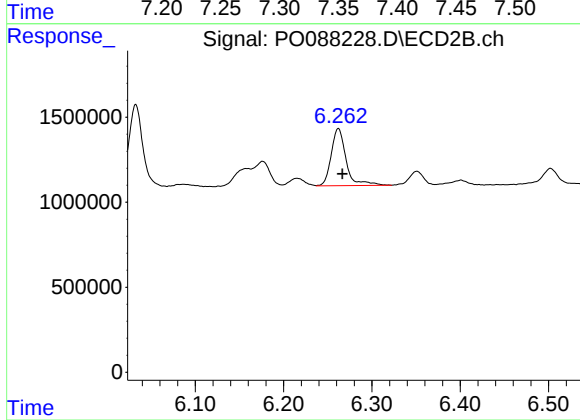
R.T.: 6.033 min
Delta R.T.: -0.005 min
Response: 5484838
Conc: 67.59 ng/ml



#29 AR-1254-4

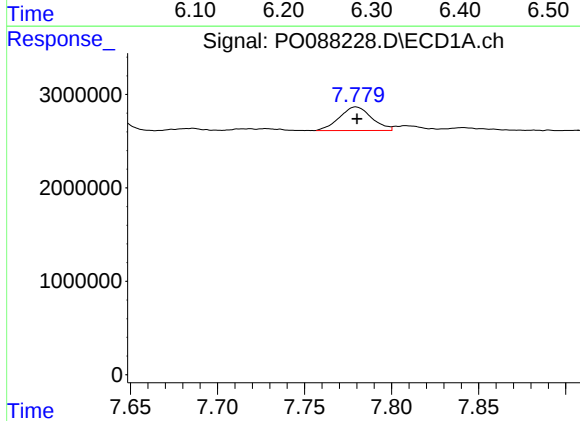
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 7996053
Conc: 73.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



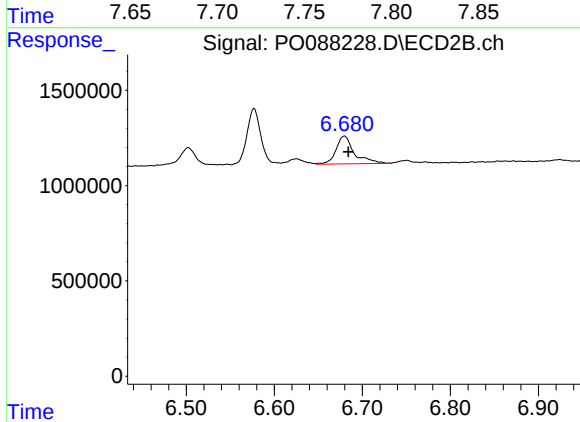
#29 AR-1254-4

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 3950105
Conc: 79.20 ng/ml



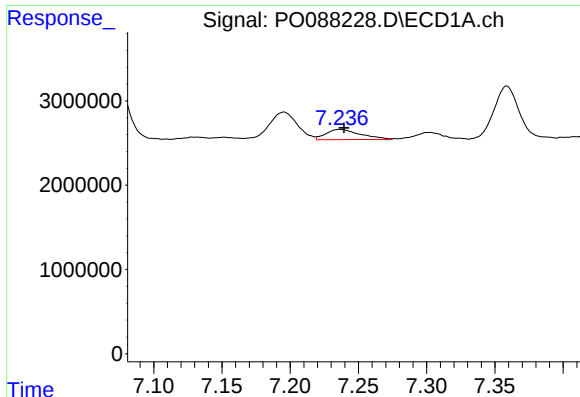
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 3268737
Conc: 27.16 ng/ml



#30 AR-1254-5

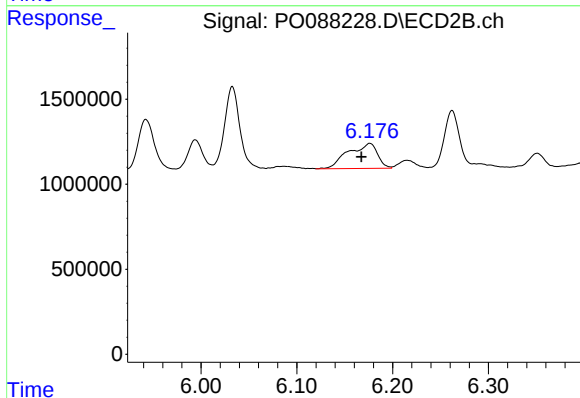
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 2093970
Conc: 27.73 ng/ml



#31 AR-1260-1

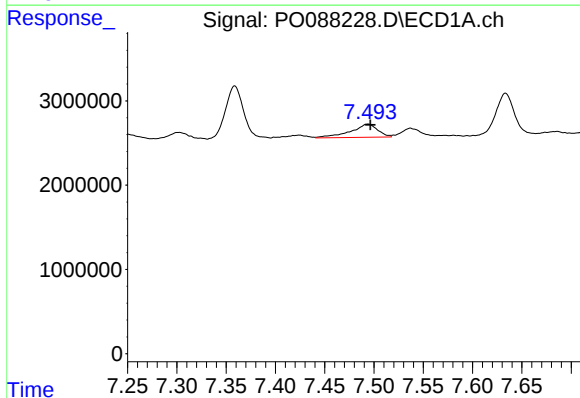
R.T.: 7.237 min
Delta R.T.: -0.003 min
Response: 2119837
Conc: 18.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



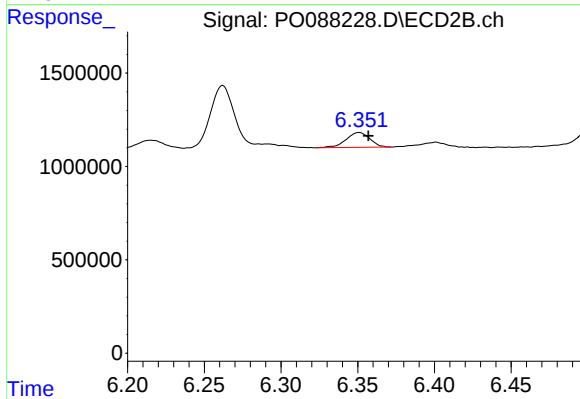
#31 AR-1260-1

R.T.: 6.176 min
Delta R.T.: 0.009 min
Response: 3148575
Conc: 58.09 ng/ml



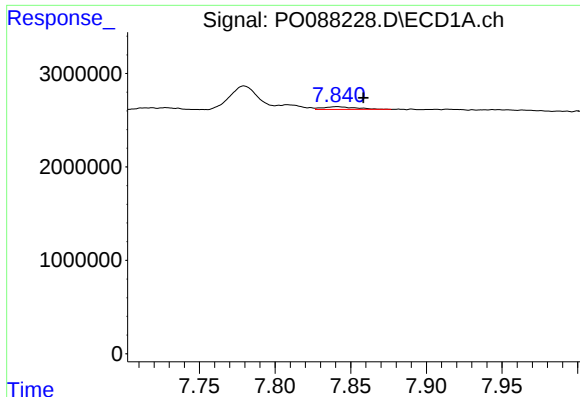
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 2962754
Conc: 21.93 ng/ml



#32 AR-1260-2

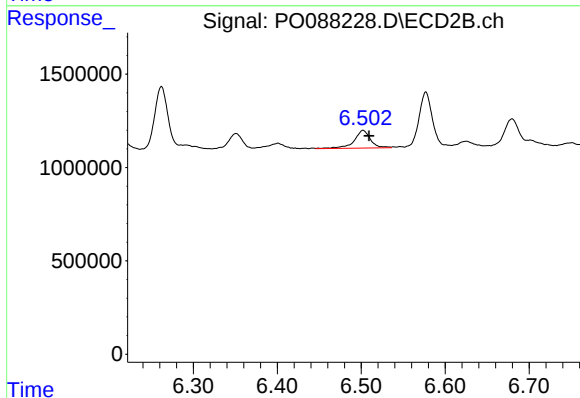
R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 860996
Conc: 13.26 ng/ml



#33 AR-1260-3

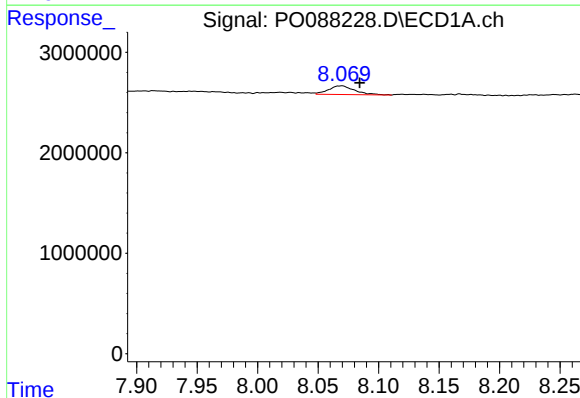
R.T.: 7.841 min
Delta R.T.: -0.018 min
Response: 453060
Conc: 4.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



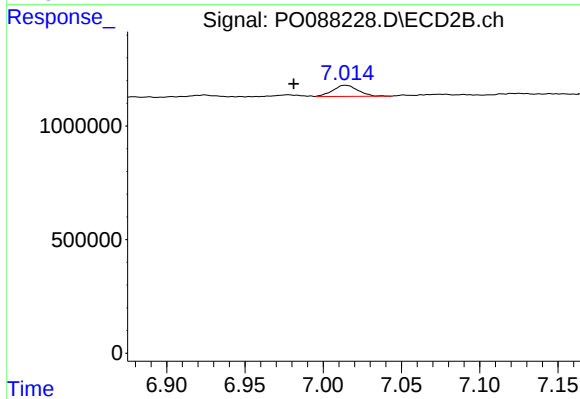
#33 AR-1260-3

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 1259864
Conc: 20.25 ng/ml



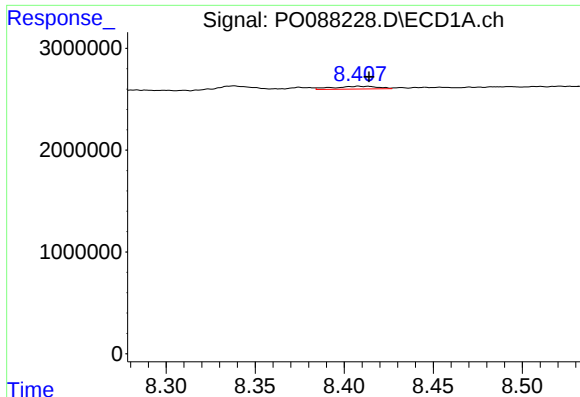
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.015 min
Response: 1297166
Conc: 12.01 ng/ml



#34 AR-1260-4

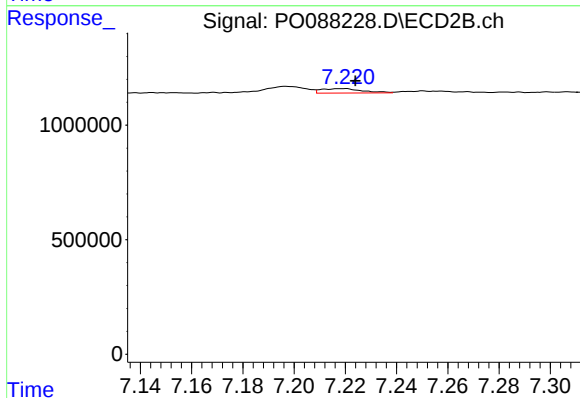
R.T.: 7.014 min
Delta R.T.: 0.033 min
Response: 554968
Conc: 11.73 ng/ml



#35 AR-1260-5

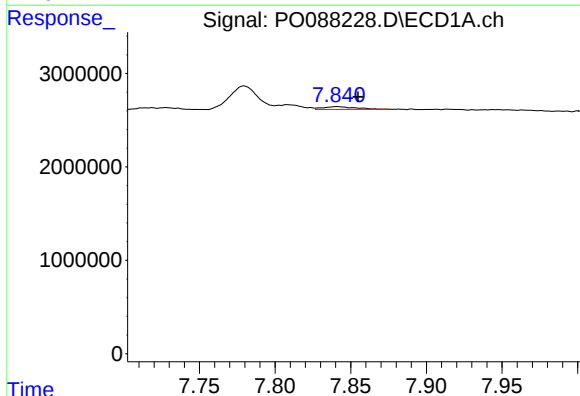
R.T.: 8.408 min
Delta R.T.: -0.006 min
Response: 461572
Conc: 2.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



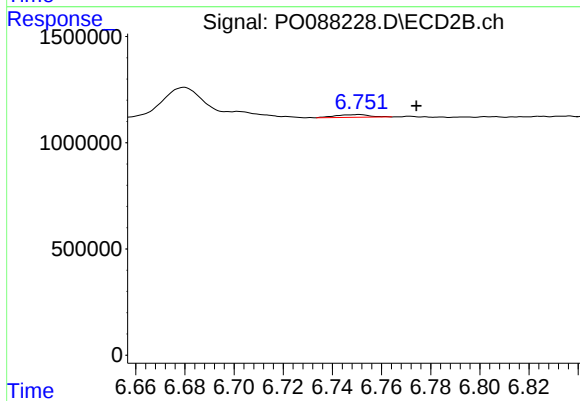
#35 AR-1260-5

R.T.: 7.219 min
Delta R.T.: -0.005 min
Response: 214986
Conc: 1.88 ng/ml



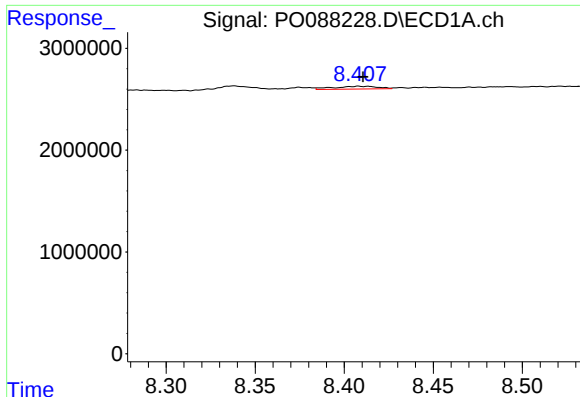
#36 AR-1262-1

R.T.: 7.841 min
Delta R.T.: -0.014 min
Response: 453060
Conc: 3.30 ng/ml



#36 AR-1262-1

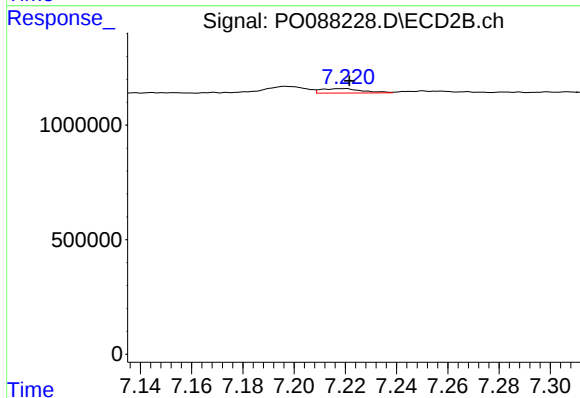
R.T.: 6.751 min
Delta R.T.: -0.023 min
Response: 124096
Conc: 4.09 ng/ml



#37 AR-1262-2

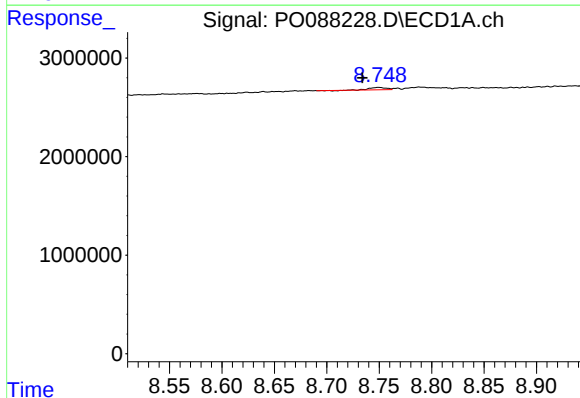
R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 461572
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



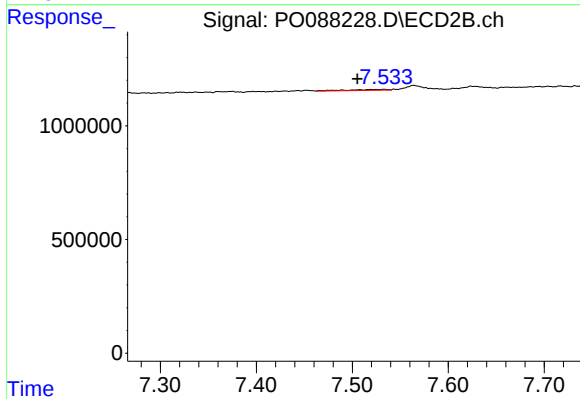
#37 AR-1262-2

R.T.: 7.219 min
Delta R.T.: -0.002 min
Response: 214986
Conc: 1.60 ng/ml



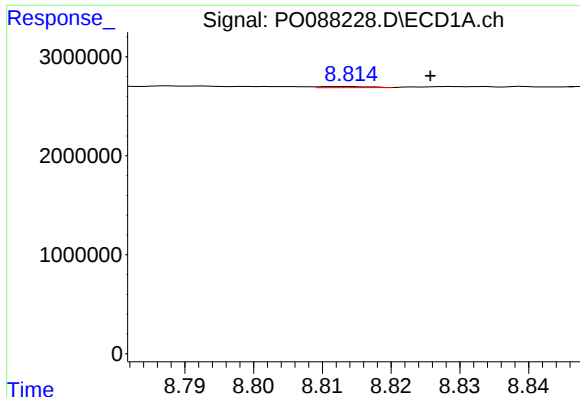
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.015 min
Response: 252646
Conc: 1.52 ng/ml



#38 AR-1262-3

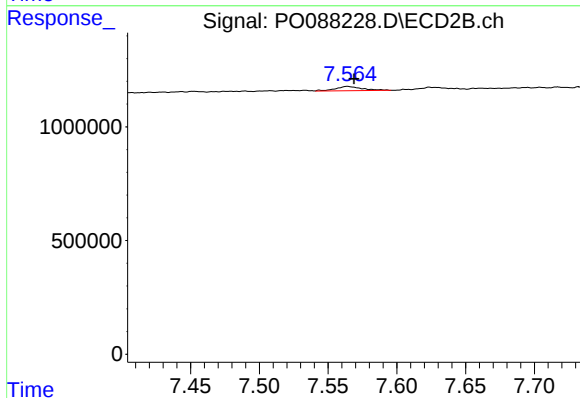
R.T.: 7.533 min
Delta R.T.: 0.028 min
Response: 118703
Conc: 2.18 ng/ml



#39 AR-1262-4

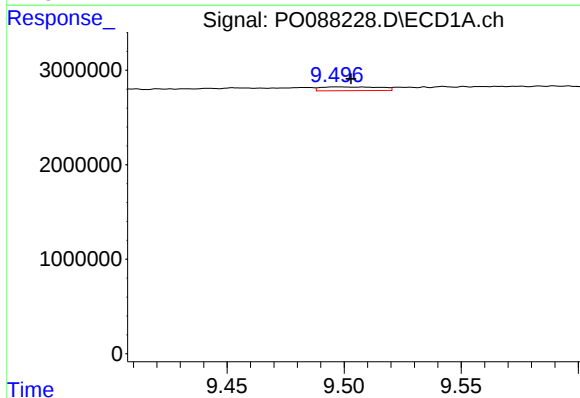
R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 59844
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



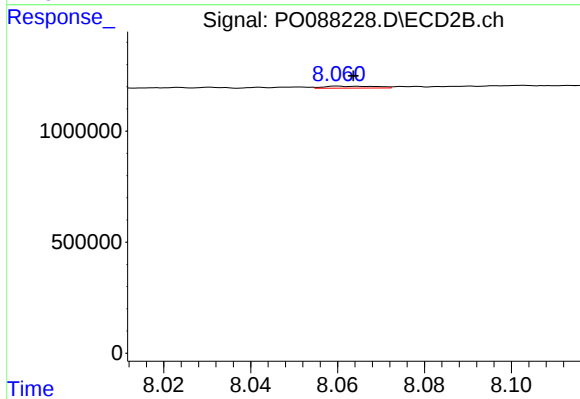
#39 AR-1262-4

R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 260587
Conc: 2.58 ng/ml



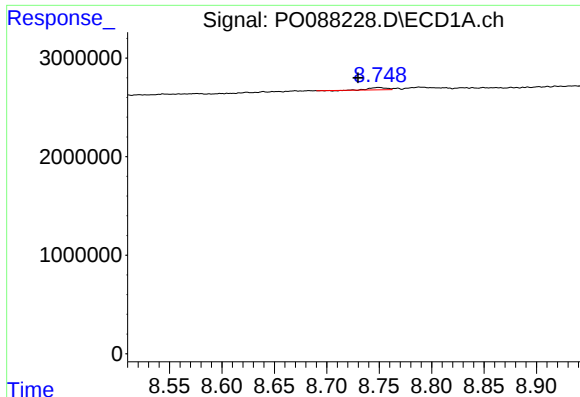
#40 AR-1262-5

R.T.: 9.497 min
Delta R.T.: -0.006 min
Response: 705967
Conc: 7.92 ng/ml



#40 AR-1262-5

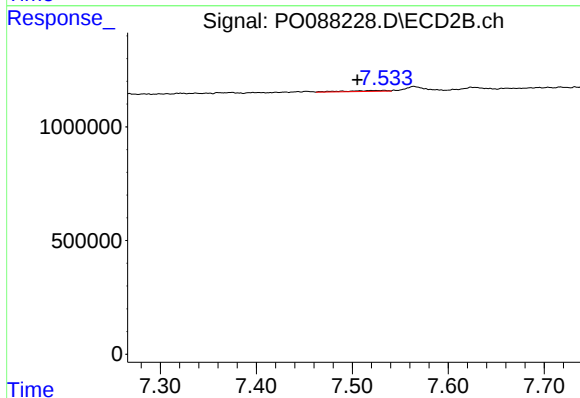
R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 74747
Conc: 1.52 ng/ml



#41 AR-1268-1

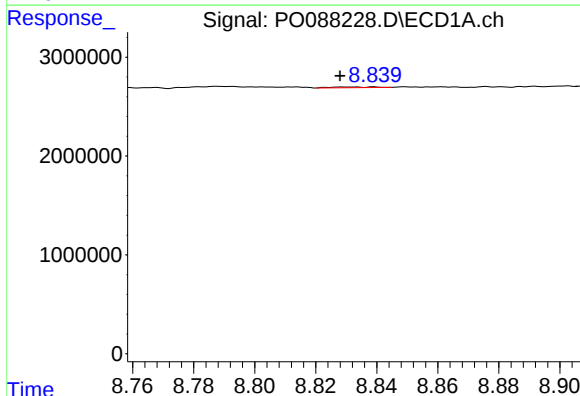
R.T.: 8.749 min
Delta R.T.: 0.019 min
Response: 252646
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



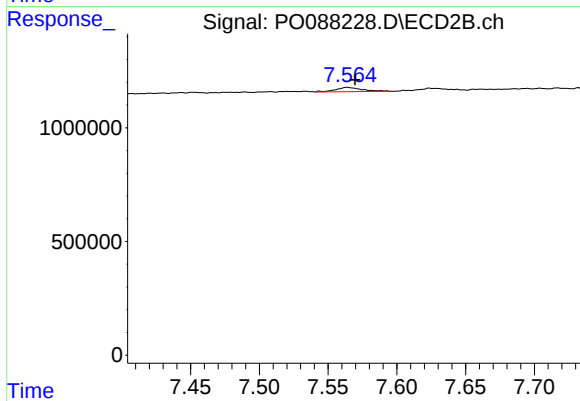
#41 AR-1268-1

R.T.: 7.533 min
Delta R.T.: 0.028 min
Response: 118703
Conc: 0.75 ng/ml



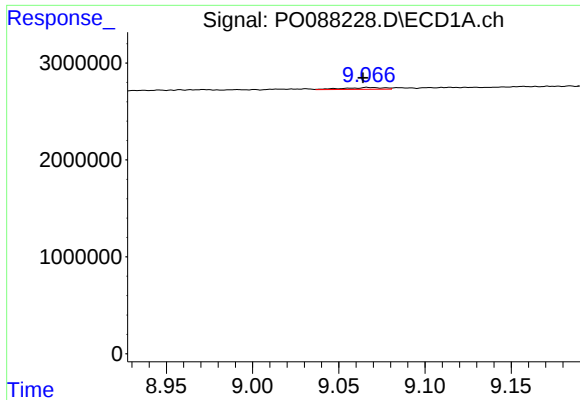
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.011 min
Response: 78925
Conc: 0.30 ng/ml



#42 AR-1268-2

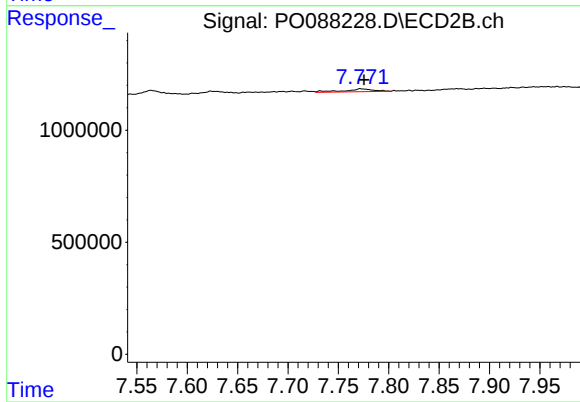
R.T.: 7.564 min
Delta R.T.: -0.005 min
Response: 260587
Conc: 1.81 ng/ml



#43 AR-1268-3

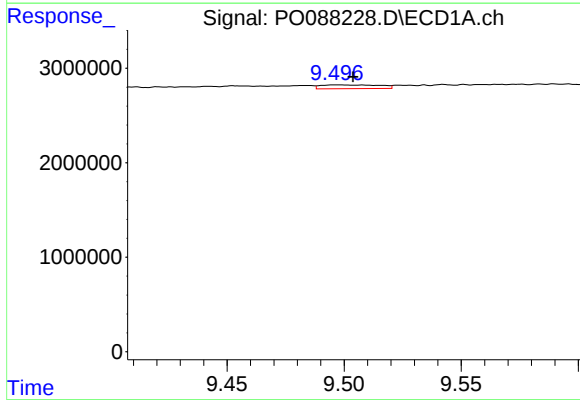
R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 306178
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



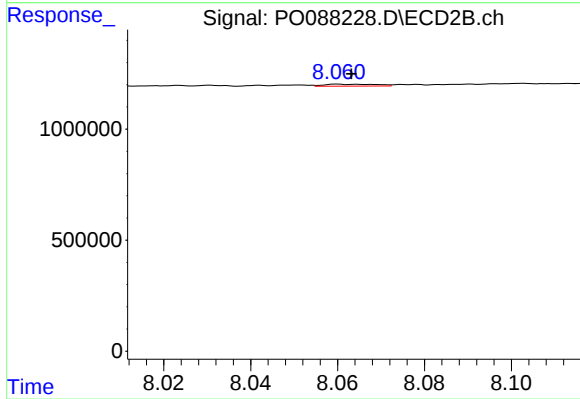
#43 AR-1268-3

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 263694
Conc: 2.12 ng/ml



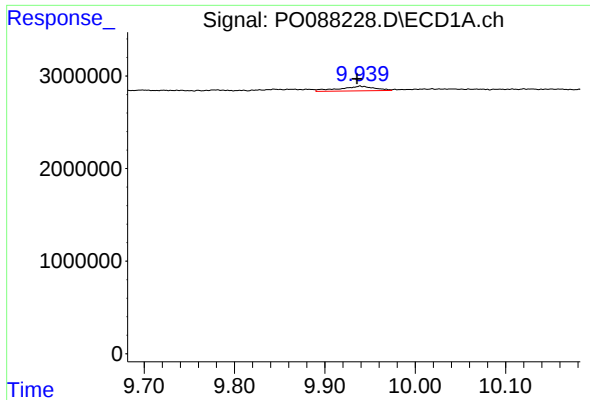
#44 AR-1268-4

R.T.: 9.497 min
Delta R.T.: -0.007 min
Response: 705967
Conc: 7.20 ng/ml



#44 AR-1268-4

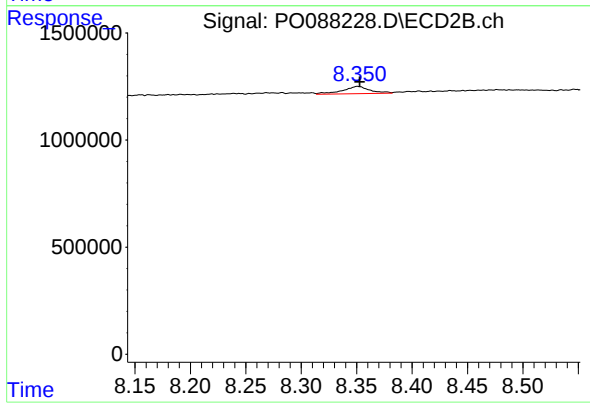
R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 74747
Conc: 1.39 ng/ml



#45 AR-1268-5

R.T.: 9.939 min
Delta R.T.: 0.003 min
Response: 1377286
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.002 min
Response: 592344
Conc: 1.53 ng/ml