

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051725\
 Data File : P0111140.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 14:50
 Operator : YP/AJ
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 15:11:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 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...	3.680	3.678	104.3E6	89872670	17.736	16.486
2)	SA Decachlor...	8.723	8.674	81939873	29449673	15.871	15.917
Target Compounds							
3)	L1 AR-1016-1	4.770	4.758	117.2E6	91498451	520.676	479.232
4)	L1 AR-1016-2	4.790	4.777	159.8E6	130.1E6	500.968	469.305
5)	L1 AR-1016-3	4.847	4.952	124.6E6	68256822	574.040	467.272
6)	L1 AR-1016-4	4.966	4.994	91137350	53638540	523.332	446.657
7)	L1 AR-1016-5	5.224	5.207	80642907	67857044	458.221	439.488
8)	L2 AR-1221-1	3.891	3.887	12148504	9555833	139.468	129.407
9)	L2 AR-1221-2	3.979	3.974	18291647	13575110	287.136	249.478
10)	L2 AR-1221-3	4.055	4.049	58357738	49522865	303.429	296.365
11)	L3 AR-1232-1	4.055	4.049	58357738	49522865	380.991	379.210
12)	L3 AR-1232-2	4.549	4.777	94508998	130.1E6	1153.302	991.580
13)	L3 AR-1232-3	4.790	4.952	159.8E6	68256822	1044.785	1002.720
14)	L3 AR-1232-4	4.966	5.037	91137350	65316562	1108.034	1059.021
15)	L3 AR-1232-5	5.009	5.207	67176642	67857044	1238.067	1032.320
16)	L4 AR-1242-1	4.770	4.758	117.2E6	91498451	612.872	567.937
17)	L4 AR-1242-2	4.790	4.777	159.8E6	130.1E6	587.379	554.359
18)	L4 AR-1242-3	4.847	4.952	124.6E6	68256822	670.144	552.156
19)	L4 AR-1242-4	4.966	5.037	91137350	65316562	616.625	528.386
20)	L4 AR-1242-5	5.619	5.558	15730940	56467358	101.136	371.528 #
21)	L5 AR-1248-1	4.770	4.758	117.2E6	91498451	765.060	705.310
22)	L5 AR-1248-2	5.009	4.994	67176642	53638540	335.016	304.952
23)	L5 AR-1248-3	5.224	5.037	80642907	65316562	315.005	348.143
24)	L5 AR-1248-4	5.578	5.207	70349751	67857044	194.239	308.666 #
25)	L5 AR-1248-5	5.619	5.598	15730940	11371775	60.029	52.086
26)	L6 AR-1254-1	5.578	5.558	70349751	56467358	185.338	174.261
27)	L6 AR-1254-2	5.727	5.705	69129132	57228925	211.549	202.048
28)	L6 AR-1254-3	6.148	6.123	117.4E6	88631922	223.213	205.427
29)	L6 AR-1254-4	6.361	6.335	13867181	9766209	41.262	39.484
30)	L6 AR-1254-5	6.781	6.751	197.7E6	142.7E6	416.593	412.403
31)	L7 AR-1260-1	6.264	6.238	149.6E6	116.4E6	490.553	465.673
32)	L7 AR-1260-2	6.453	6.425	174.9E6	129.5E6	456.704	439.999
33)	L7 AR-1260-3	6.820	6.578	131.9E6	121.3E6	378.480	423.231
34)	L7 AR-1260-4	7.080	7.049	115.1E6	78995409	411.182	393.475
35)	L7 AR-1260-5	7.324	7.290	282.9E6	170.6E6	392.925	371.095
36)	L8 AR-1262-1	6.820	6.790	131.9E6	91008213	271.098	267.058
37)	L8 AR-1262-2	7.324	7.290	282.9E6	170.6E6	349.870	339.175
38)	L8 AR-1262-3	7.607	7.573	56626972	30774142	167.405	164.011
39)	L8 AR-1262-4	7.669	7.636	193.7E6	104.0E6	327.995	314.958
40)	L8 AR-1262-5	8.168	8.129	64458188	23249112	225.997	207.016
41)	L9 AR-1268-1	7.607	7.573	56626972	30774142	58.402	58.054

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 Operator : YP/AJ
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

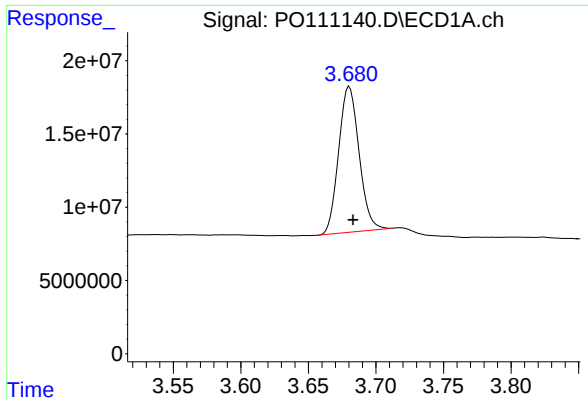
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 15:11:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.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	7.669	7.636	193.7E6	104.0E6	216.976	215.636
43) L9	AR-1268-3	7.879	7.842	5445249	2566455	7.176	7.365
44) L9	AR-1268-4	8.168	8.129	64458188	23249112	197.374	182.677
45) L9	AR-1268-5	8.463	8.420	21119039	7675485	9.784	10.196

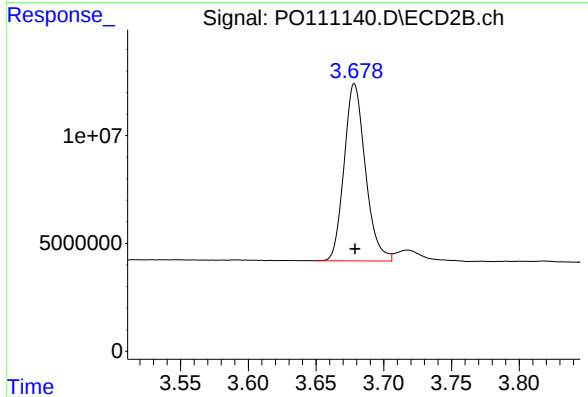
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

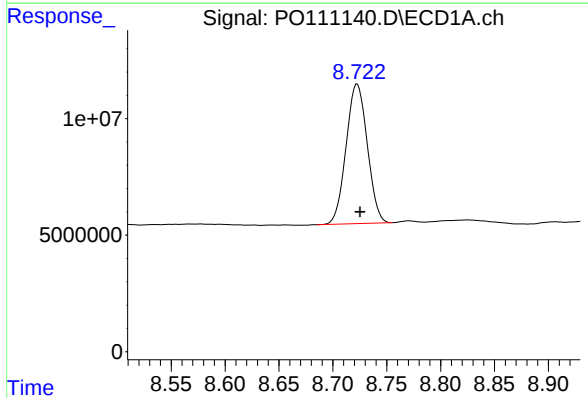
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 104346958
Conc: 17.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



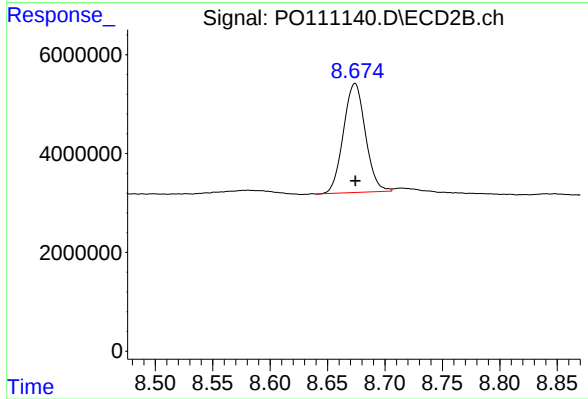
#1 Tetrachloro-m-xylene

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 89872670
Conc: 16.49 ng/ml



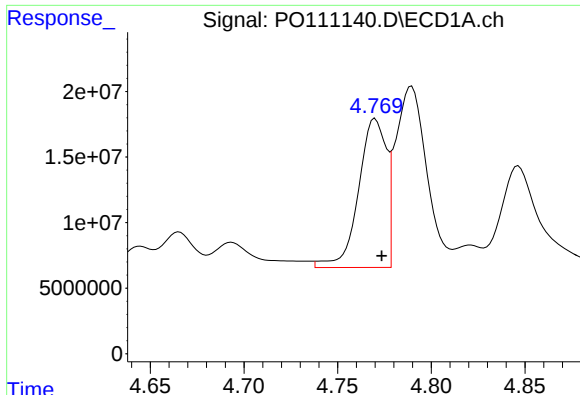
#2 Decachlorobiphenyl

R.T.: 8.723 min
Delta R.T.: -0.002 min
Response: 81939873
Conc: 15.87 ng/ml



#2 Decachlorobiphenyl

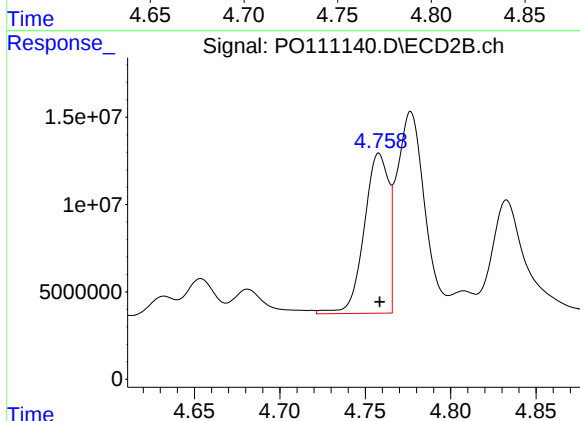
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 29449673
Conc: 15.92 ng/ml



#3 AR-1016-1

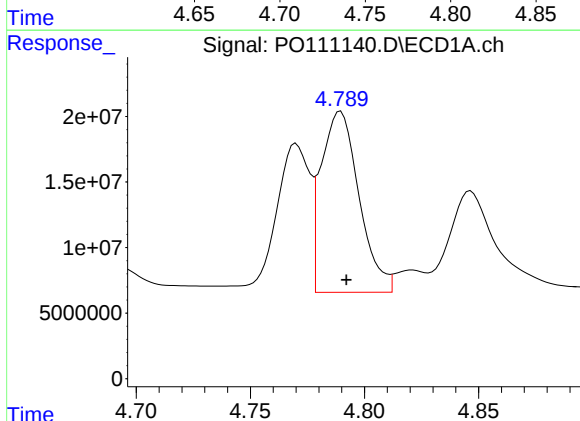
R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 117181049
Conc: 520.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



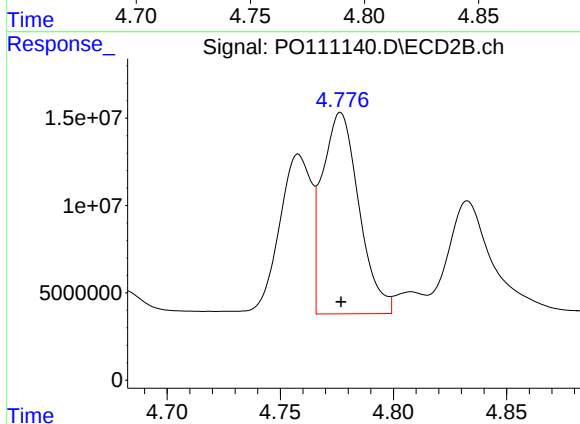
#3 AR-1016-1

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 91498451
Conc: 479.23 ng/ml



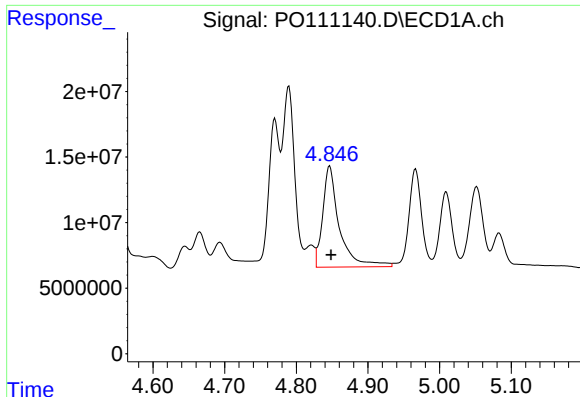
#4 AR-1016-2

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 159775774
Conc: 500.97 ng/ml



#4 AR-1016-2

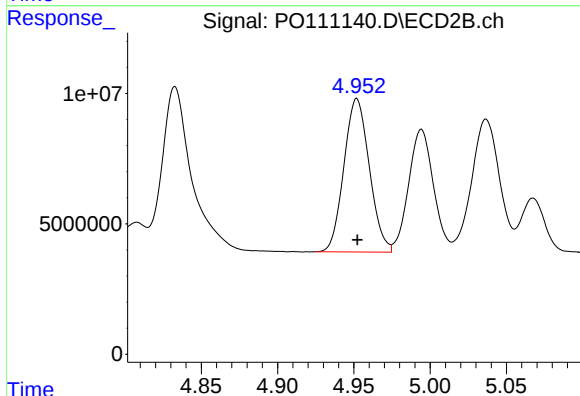
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 130055976
Conc: 469.30 ng/ml



#5 AR-1016-3

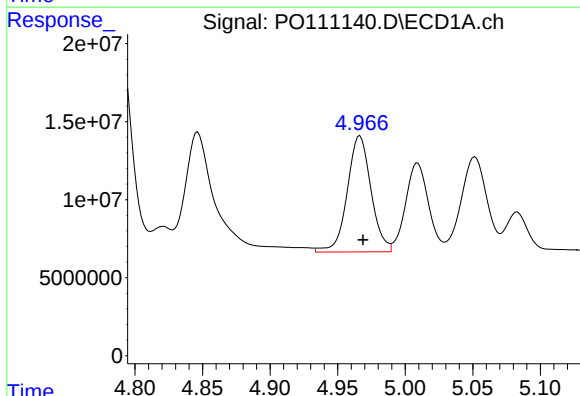
R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 124637936
Conc: 574.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



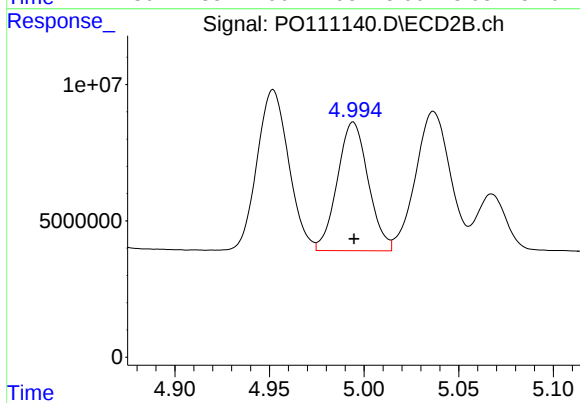
#5 AR-1016-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 68256822
Conc: 467.27 ng/ml



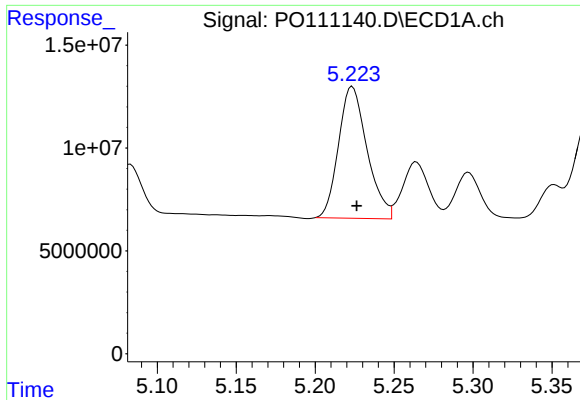
#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 91137350
Conc: 523.33 ng/ml



#6 AR-1016-4

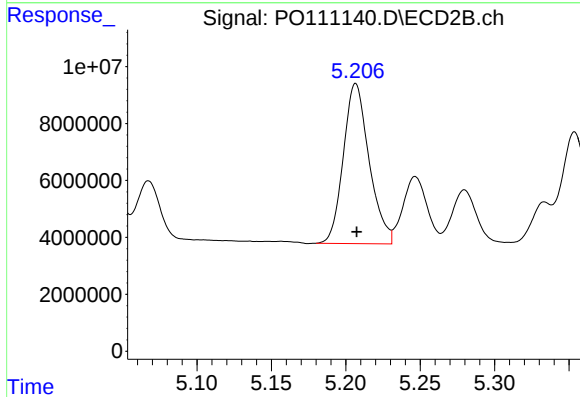
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 53638540
Conc: 446.66 ng/ml



#7 AR-1016-5

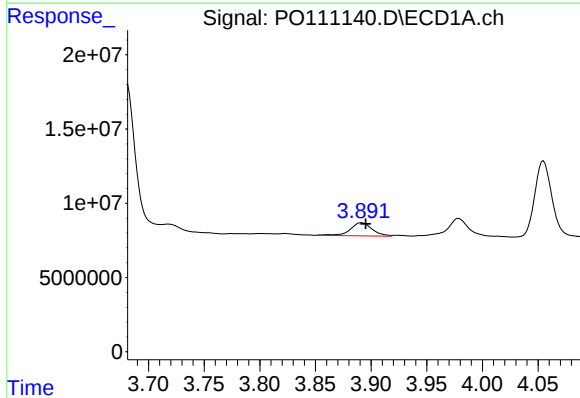
R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 80642907
Conc: 458.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



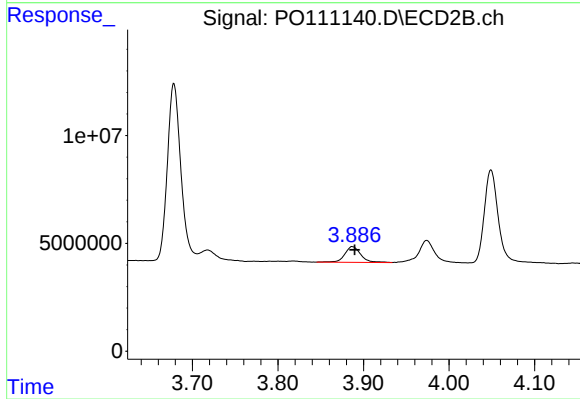
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 67857044
Conc: 439.49 ng/ml



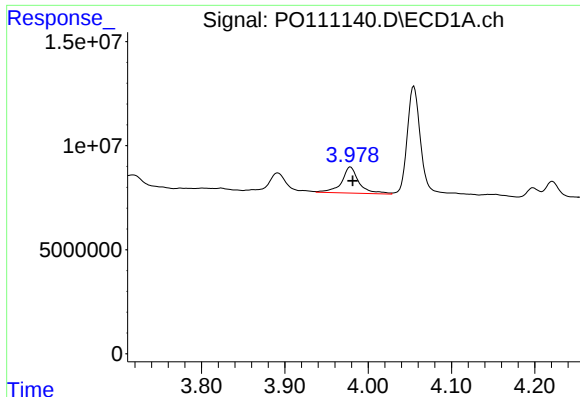
#8 AR-1221-1

R.T.: 3.891 min
Delta R.T.: -0.004 min
Response: 12148504
Conc: 139.47 ng/ml



#8 AR-1221-1

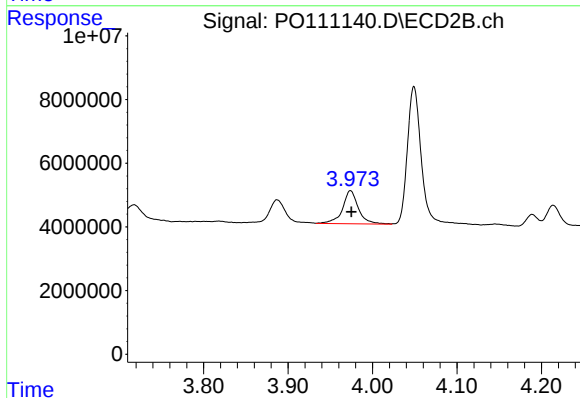
R.T.: 3.887 min
Delta R.T.: -0.003 min
Response: 9555833
Conc: 129.41 ng/ml



#9 AR-1221-2

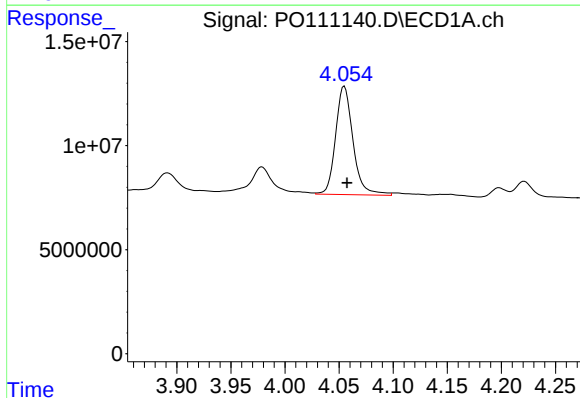
R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 18291647
Conc: 287.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



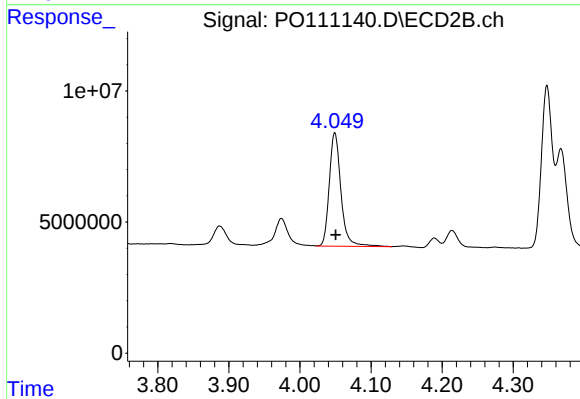
#9 AR-1221-2

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 13575110
Conc: 249.48 ng/ml



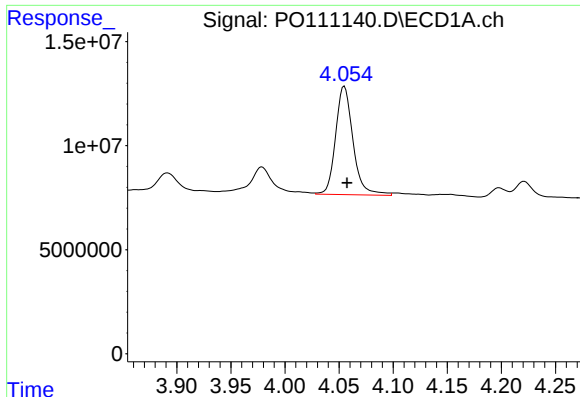
#10 AR-1221-3

R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 58357738
Conc: 303.43 ng/ml



#10 AR-1221-3

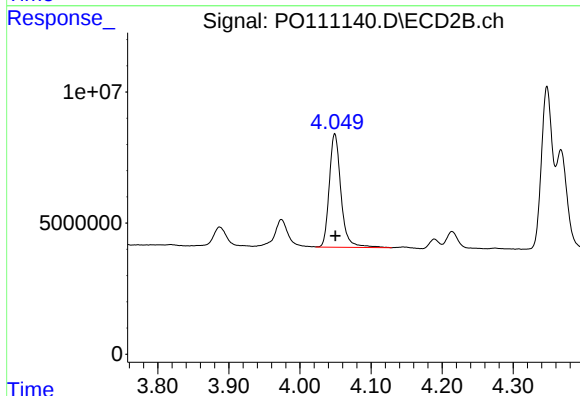
R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 49522865
Conc: 296.37 ng/ml



#11 AR-1232-1

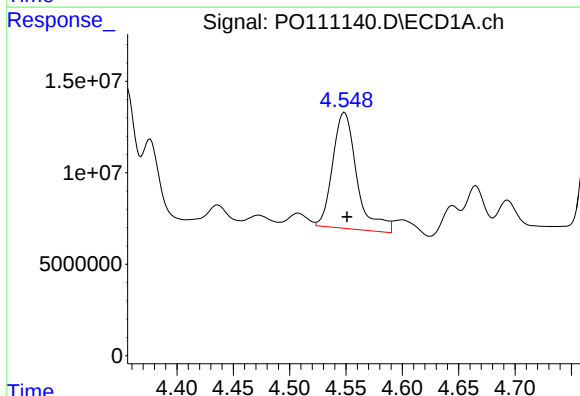
R.T.: 4.055 min
Delta R.T.: -0.003 min
Response: 58357738
Conc: 380.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



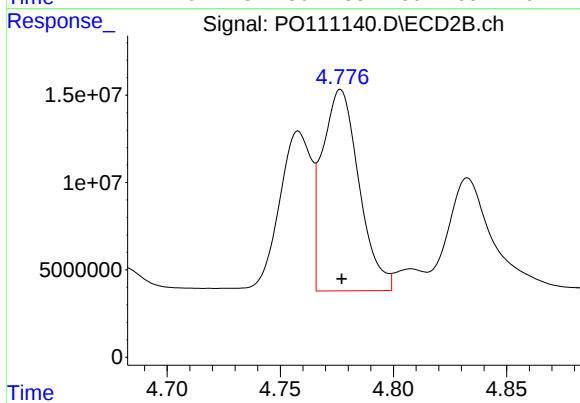
#11 AR-1232-1

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 49522865
Conc: 379.21 ng/ml



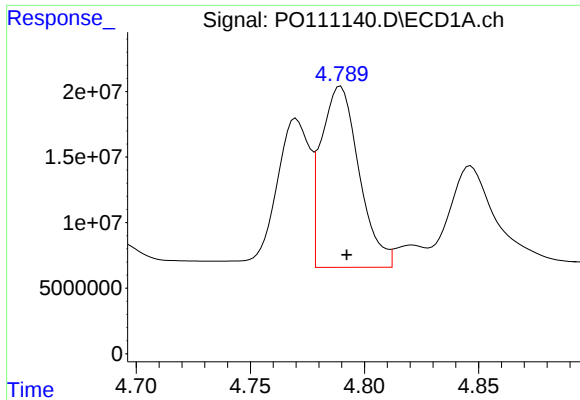
#12 AR-1232-2

R.T.: 4.549 min
Delta R.T.: -0.002 min
Response: 94508998
Conc: 1153.30 ng/ml



#12 AR-1232-2

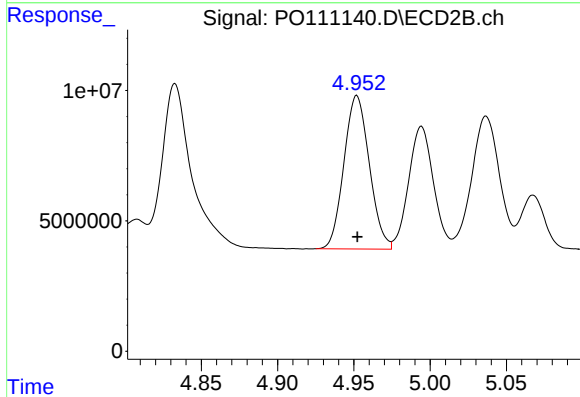
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 130055976
Conc: 991.58 ng/ml



#13 AR-1232-3

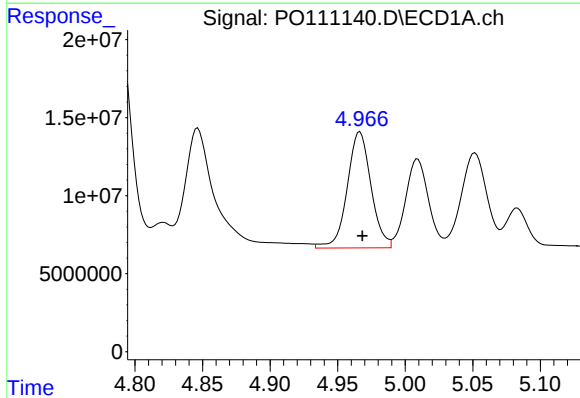
R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 159775774
Conc: 1044.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



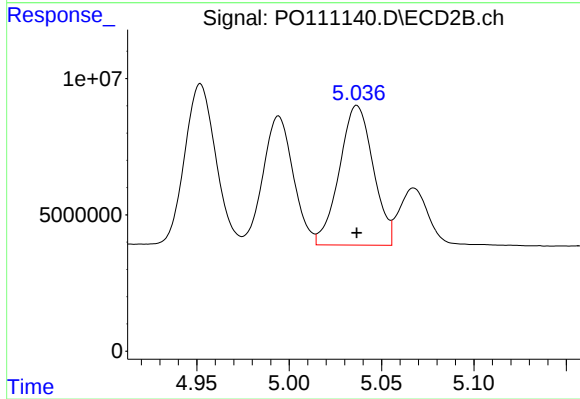
#13 AR-1232-3

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 68256822
Conc: 1002.72 ng/ml



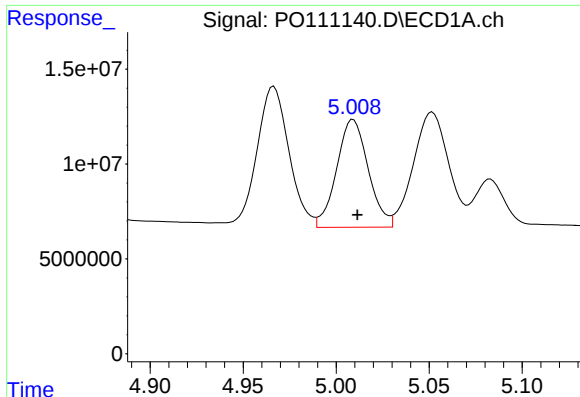
#14 AR-1232-4

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 91137350
Conc: 1108.03 ng/ml



#14 AR-1232-4

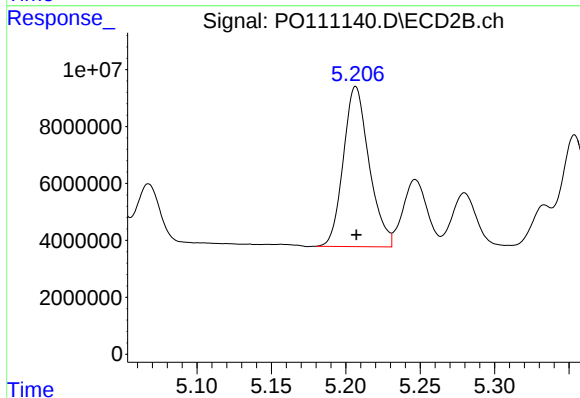
R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 65316562
Conc: 1059.02 ng/ml



#15 AR-1232-5

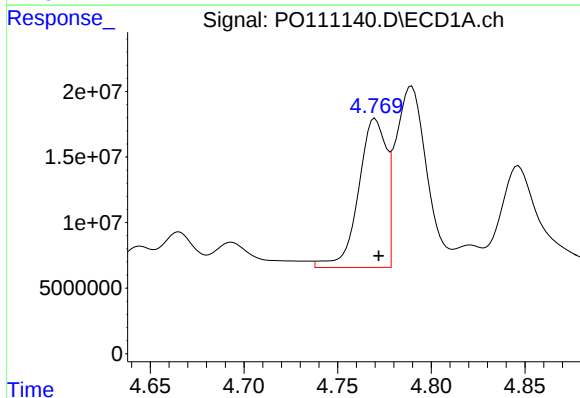
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 67176642
Conc: 1238.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



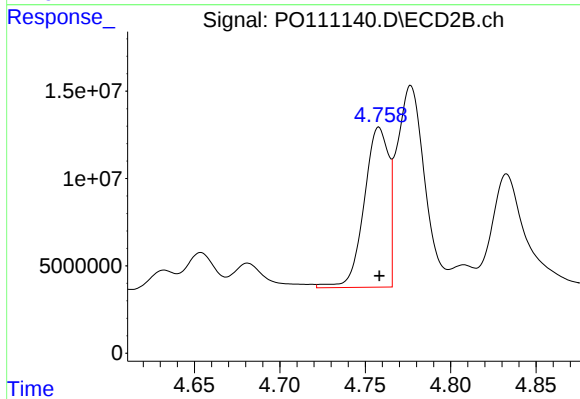
#15 AR-1232-5

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 67857044
Conc: 1032.32 ng/ml



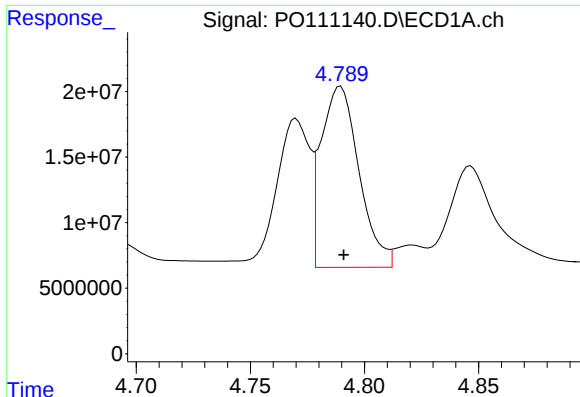
#16 AR-1242-1

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 117181049
Conc: 612.87 ng/ml



#16 AR-1242-1

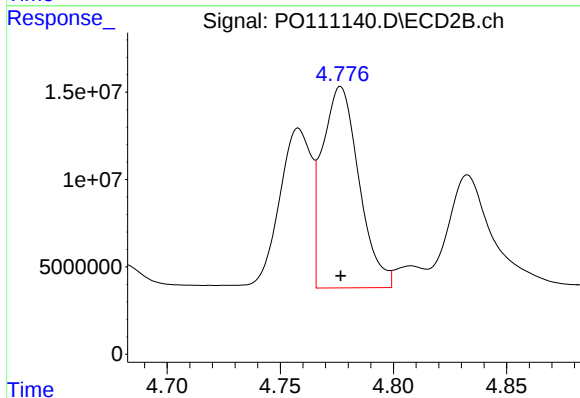
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 91498451
Conc: 567.94 ng/ml



#17 AR-1242-2

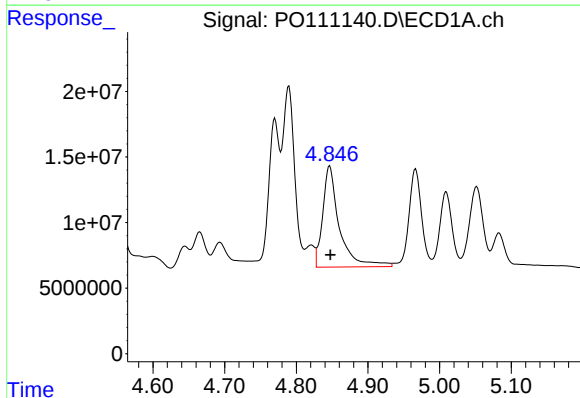
R.T.: 4.790 min
Delta R.T.: -0.001 min
Response: 159775774
Conc: 587.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



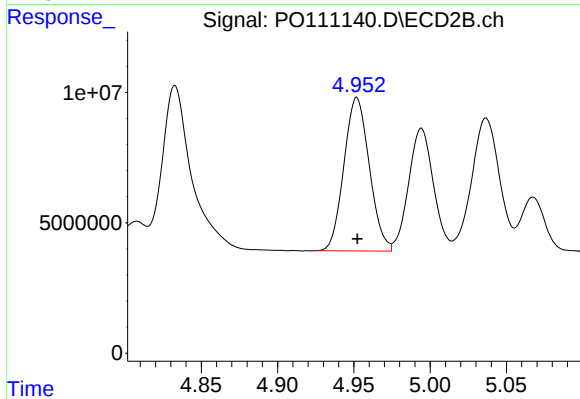
#17 AR-1242-2

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 130055976
Conc: 554.36 ng/ml



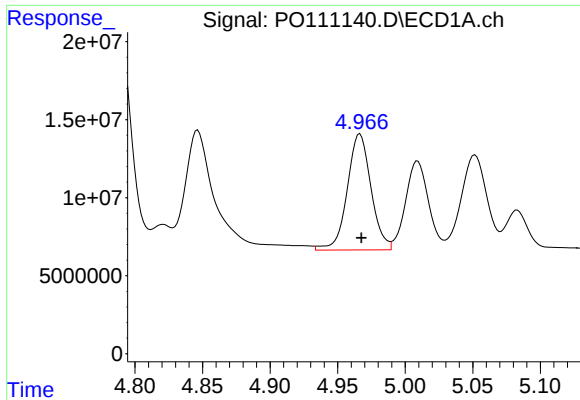
#18 AR-1242-3

R.T.: 4.847 min
Delta R.T.: -0.001 min
Response: 124637936
Conc: 670.14 ng/ml



#18 AR-1242-3

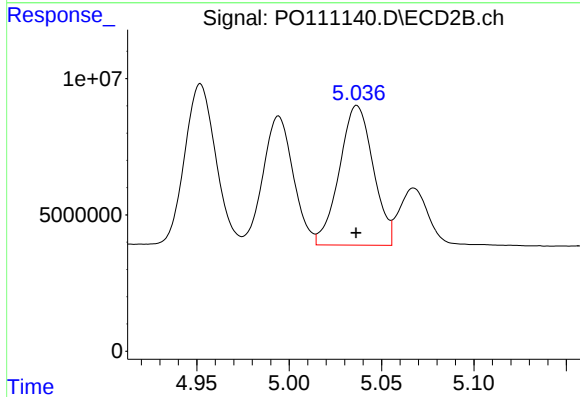
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 68256822
Conc: 552.16 ng/ml



#19 AR-1242-4

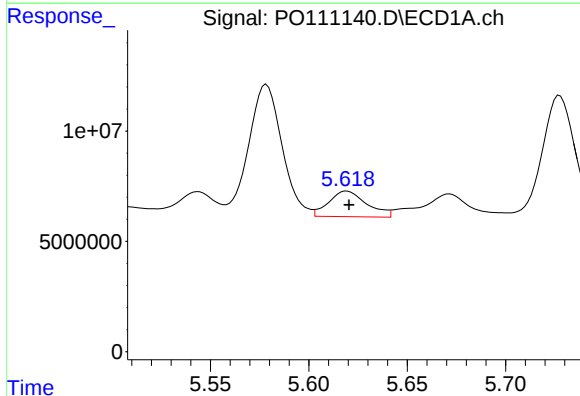
R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 91137350
Conc: 616.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



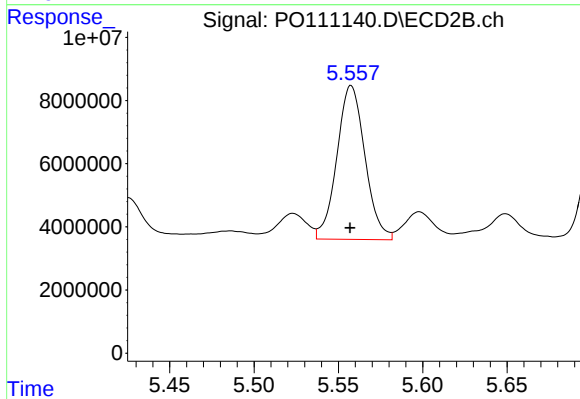
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 65316562
Conc: 528.39 ng/ml



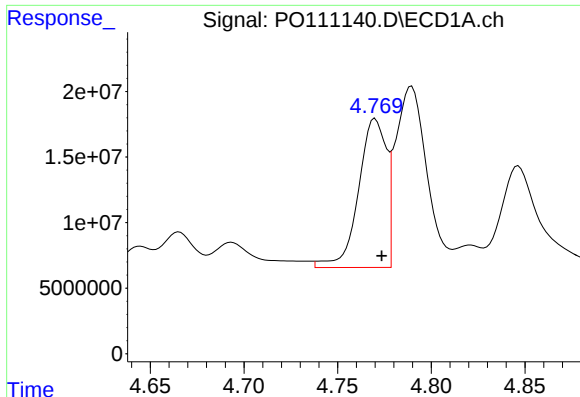
#20 AR-1242-5

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 15730940
Conc: 101.14 ng/ml



#20 AR-1242-5

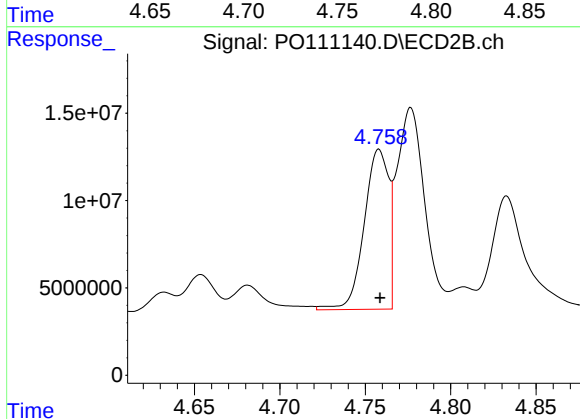
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 56467358
Conc: 371.53 ng/ml



#21 AR-1248-1

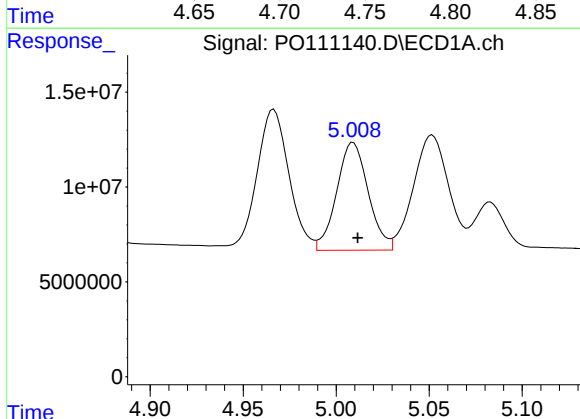
R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 117181049
Conc: 765.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



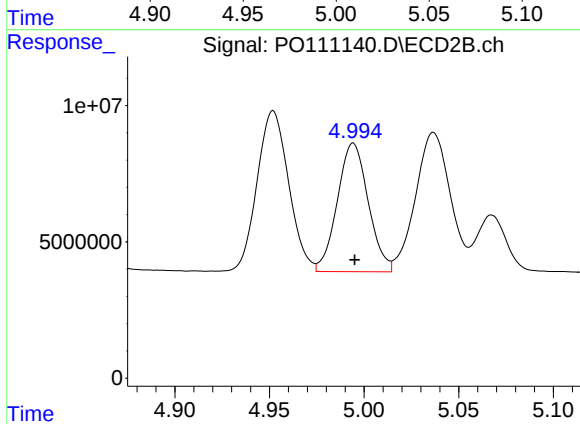
#21 AR-1248-1

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 91498451
Conc: 705.31 ng/ml



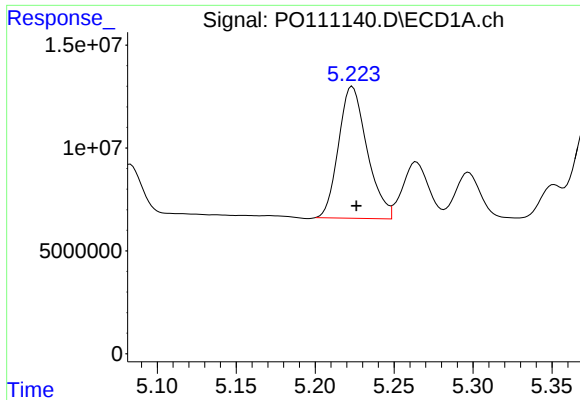
#22 AR-1248-2

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 67176642
Conc: 335.02 ng/ml



#22 AR-1248-2

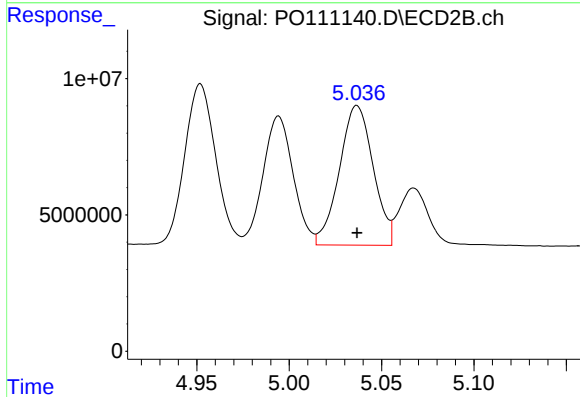
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 53638540
Conc: 304.95 ng/ml



#23 AR-1248-3

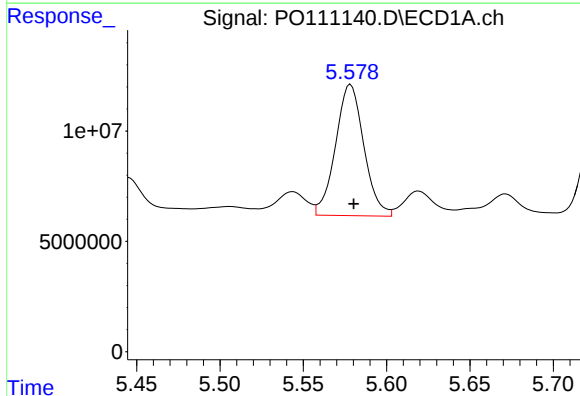
R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 80642907
Conc: 315.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



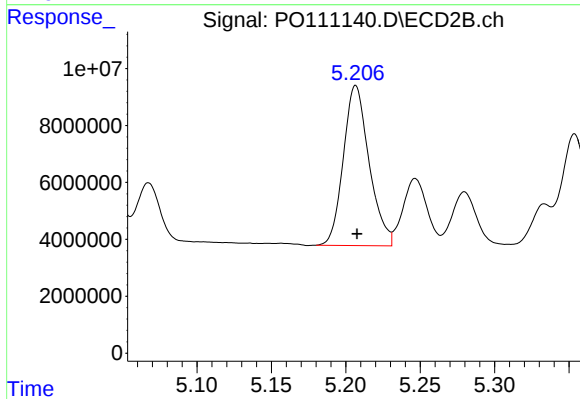
#23 AR-1248-3

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 65316562
Conc: 348.14 ng/ml



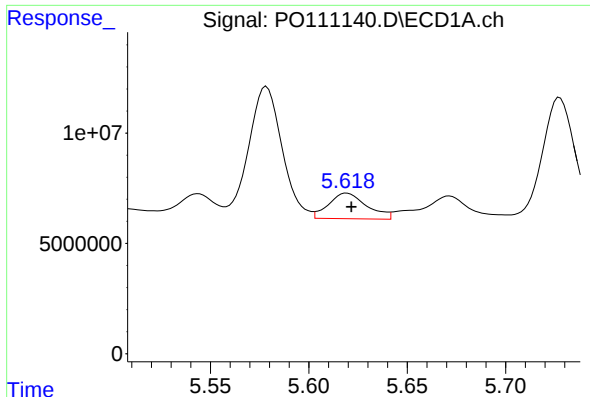
#24 AR-1248-4

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 70349751
Conc: 194.24 ng/ml



#24 AR-1248-4

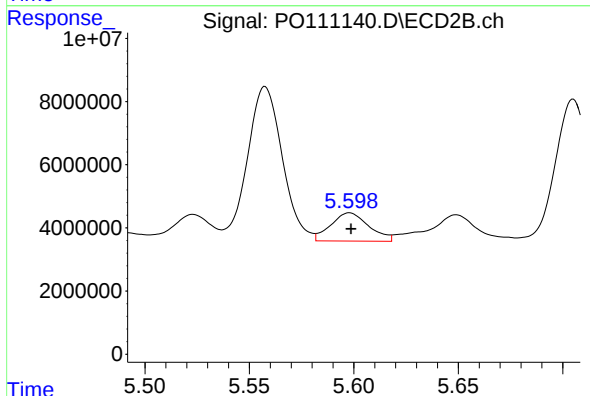
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 67857044
Conc: 308.67 ng/ml



#25 AR-1248-5

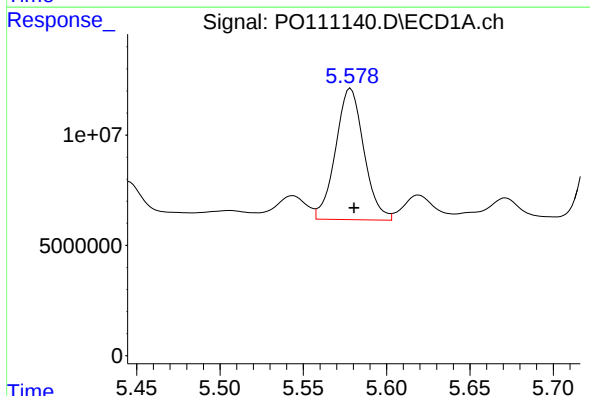
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 15730940
Conc: 60.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



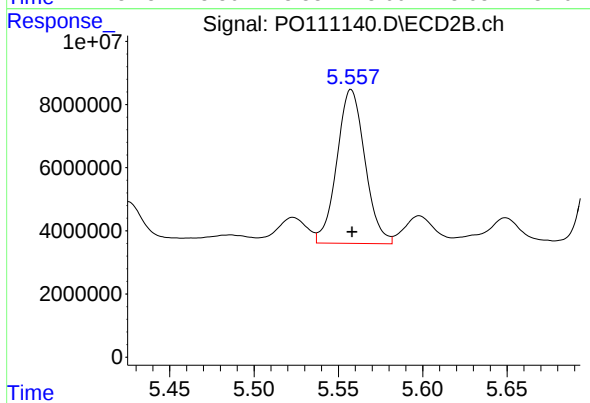
#25 AR-1248-5

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 11371775
Conc: 52.09 ng/ml



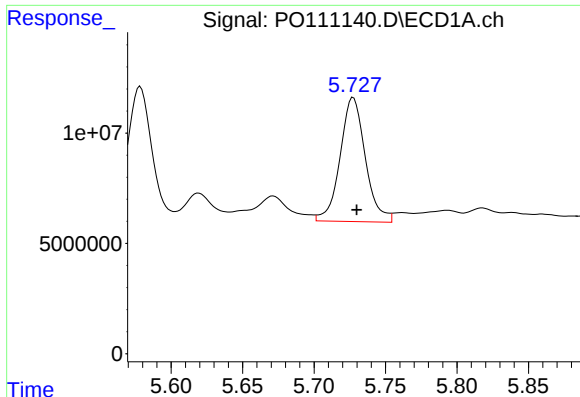
#26 AR-1254-1

R.T.: 5.578 min
Delta R.T.: -0.002 min
Response: 70349751
Conc: 185.34 ng/ml



#26 AR-1254-1

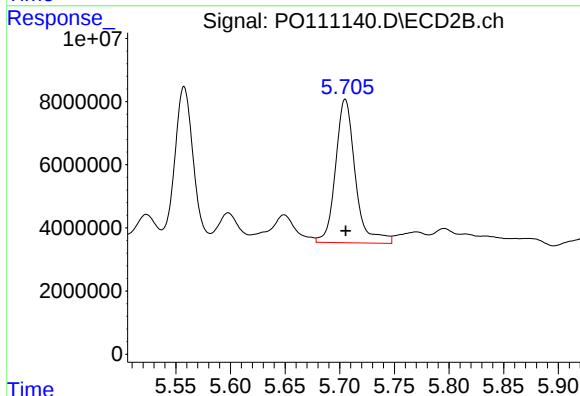
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 56467358
Conc: 174.26 ng/ml



#27 AR-1254-2

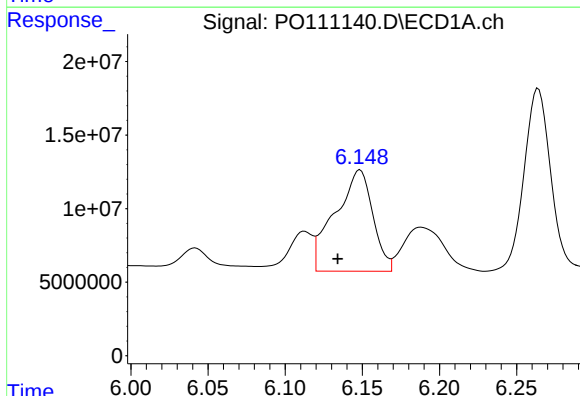
R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 69129132
Conc: 211.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



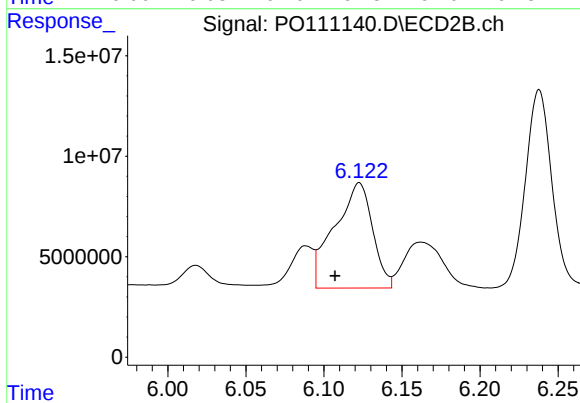
#27 AR-1254-2

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 57228925
Conc: 202.05 ng/ml



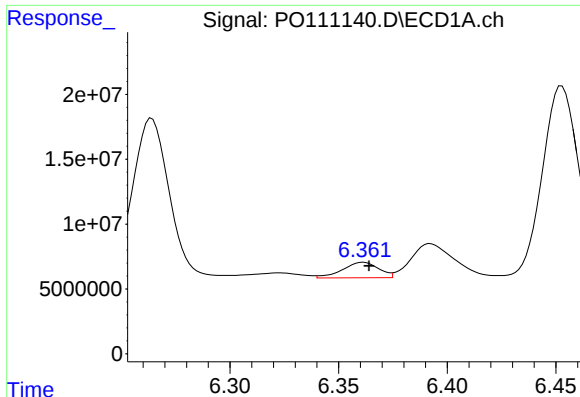
#28 AR-1254-3

R.T.: 6.148 min
Delta R.T.: 0.014 min
Response: 117442128
Conc: 223.21 ng/ml



#28 AR-1254-3

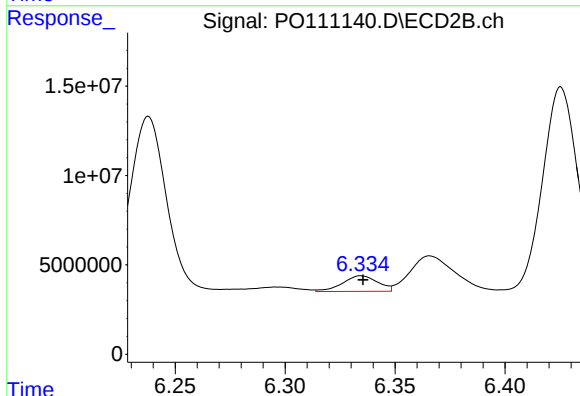
R.T.: 6.123 min
Delta R.T.: 0.015 min
Response: 88631922
Conc: 205.43 ng/ml



#29 AR-1254-4

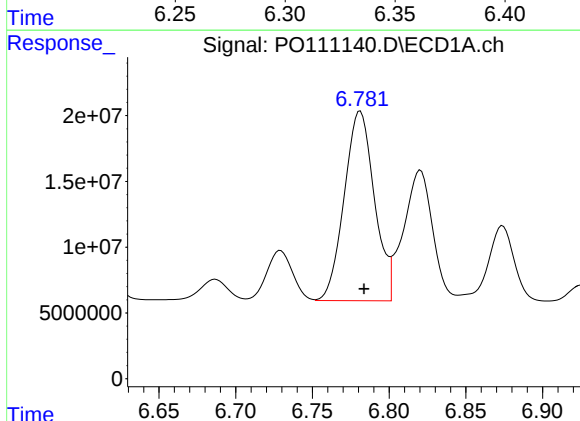
R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 13867181
Conc: 41.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



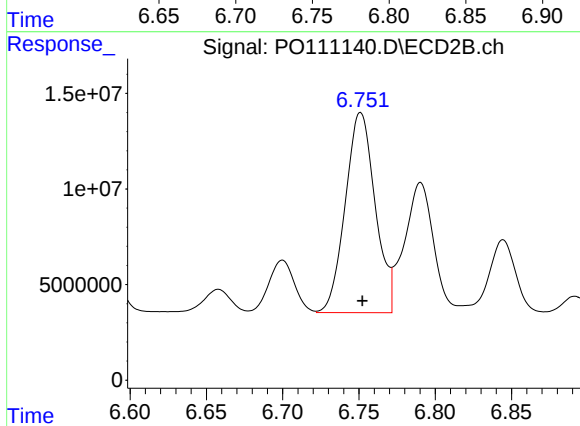
#29 AR-1254-4

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 9766209
Conc: 39.48 ng/ml



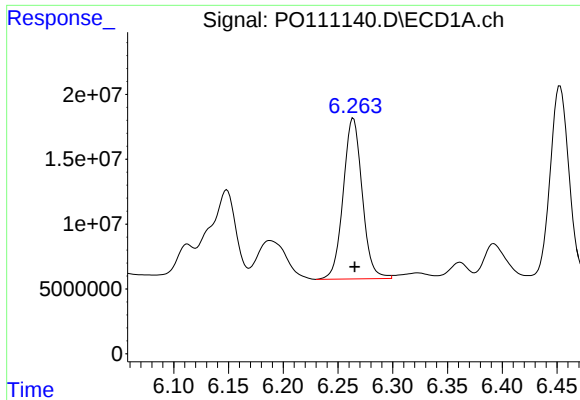
#30 AR-1254-5

R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 197654477
Conc: 416.59 ng/ml



#30 AR-1254-5

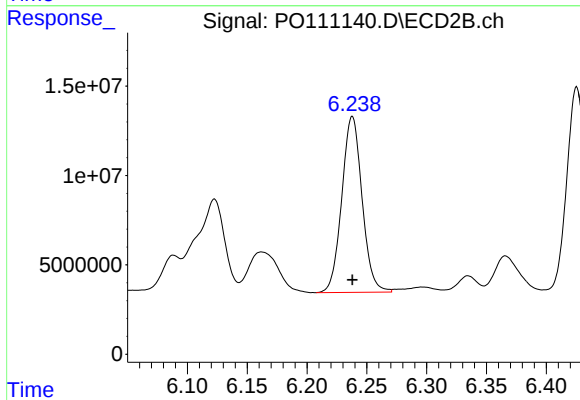
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 142666733
Conc: 412.40 ng/ml



#31 AR-1260-1

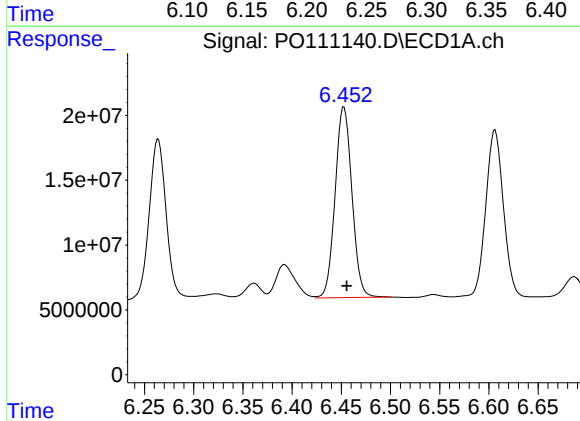
R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 149602893
Conc: 490.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



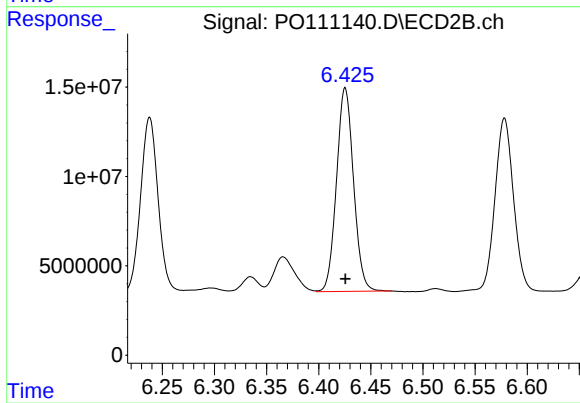
#31 AR-1260-1

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 116366363
Conc: 465.67 ng/ml



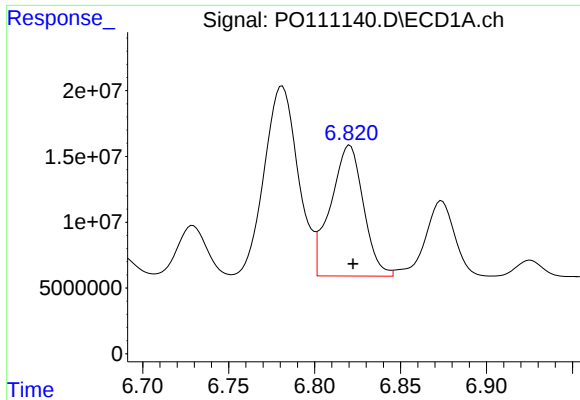
#32 AR-1260-2

R.T.: 6.453 min
Delta R.T.: -0.003 min
Response: 174894769
Conc: 456.70 ng/ml



#32 AR-1260-2

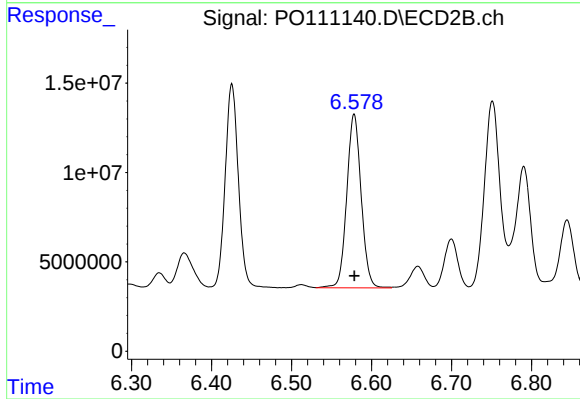
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 129486187
Conc: 440.00 ng/ml



#33 AR-1260-3

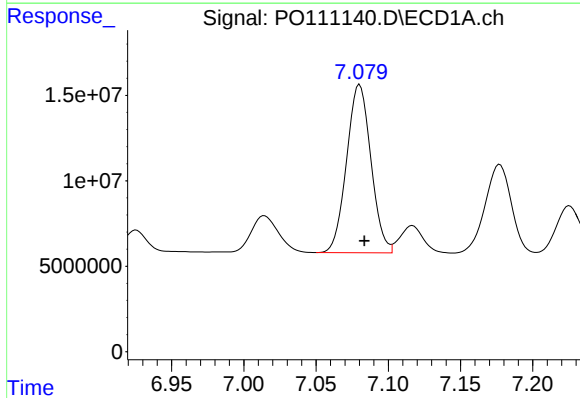
R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 131933768
Conc: 378.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



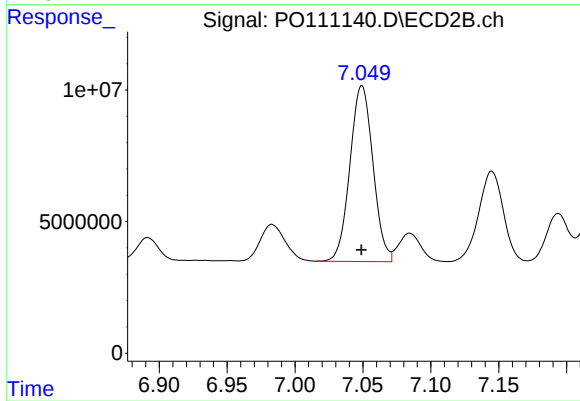
#33 AR-1260-3

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 121348219
Conc: 423.23 ng/ml



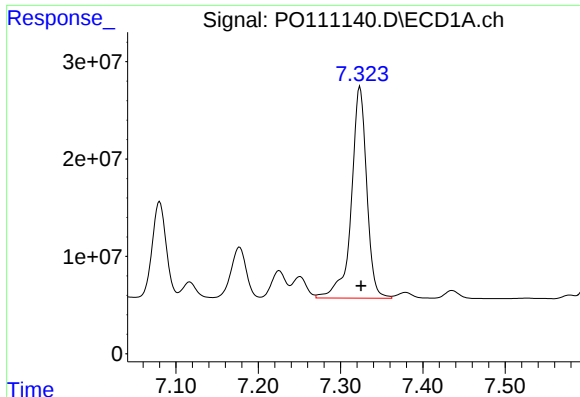
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 115115146
Conc: 411.18 ng/ml



#34 AR-1260-4

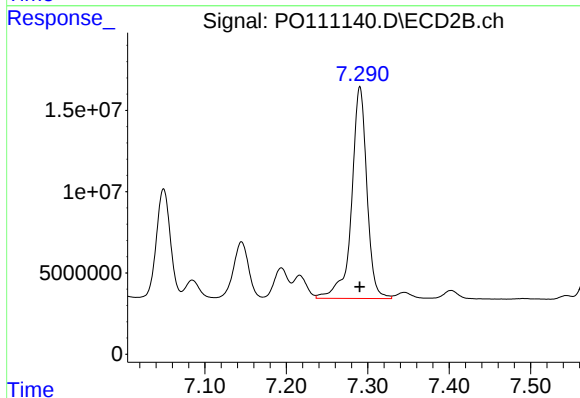
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 78995409
Conc: 393.48 ng/ml



#35 AR-1260-5

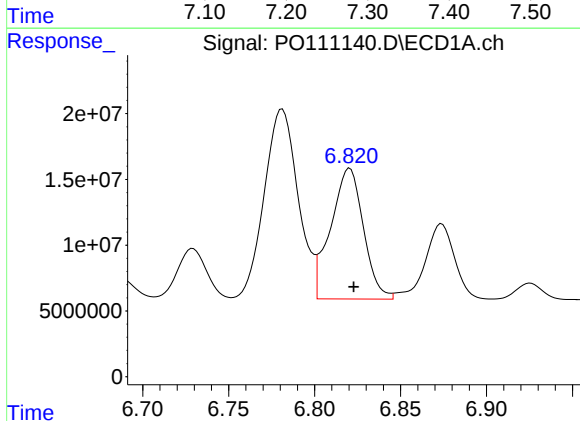
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 282867384
Conc: 392.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



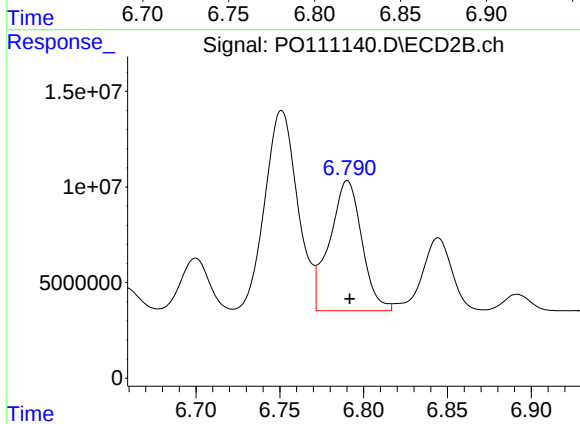
#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 170558074
Conc: 371.09 ng/ml



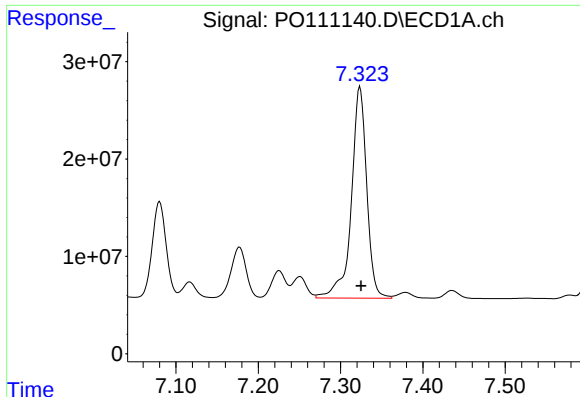
#36 AR-1262-1

R.T.: 6.820 min
Delta R.T.: -0.002 min
Response: 131933768
Conc: 271.10 ng/ml



#36 AR-1262-1

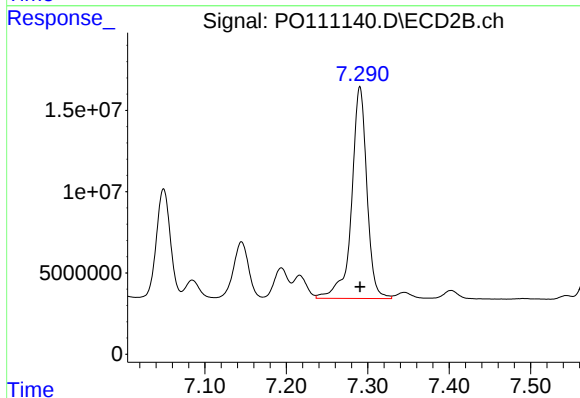
R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 91008213
Conc: 267.06 ng/ml



#37 AR-1262-2

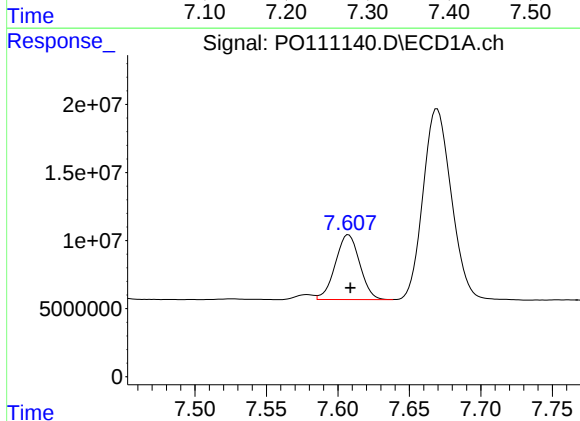
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 282867384
Conc: 349.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



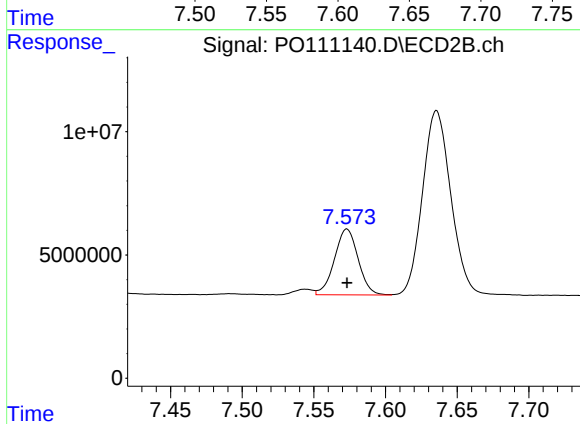
#37 AR-1262-2

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 170558074
Conc: 339.17 ng/ml



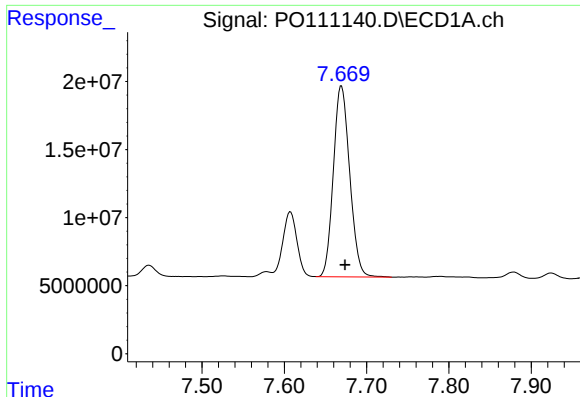
#38 AR-1262-3

R.T.: 7.607 min
Delta R.T.: -0.001 min
Response: 56626972
Conc: 167.40 ng/ml



#38 AR-1262-3

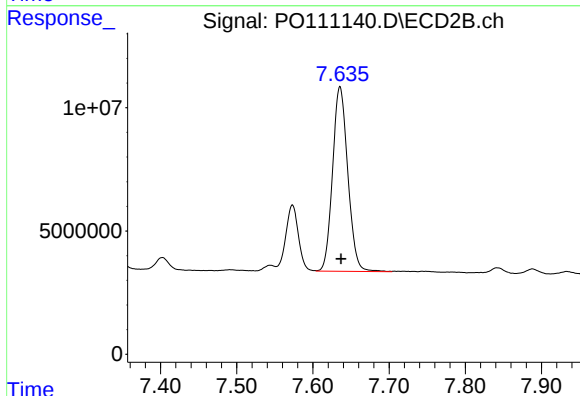
R.T.: 7.573 min
Delta R.T.: 0.000 min
Response: 30774142
Conc: 164.01 ng/ml



#39 AR-1262-4

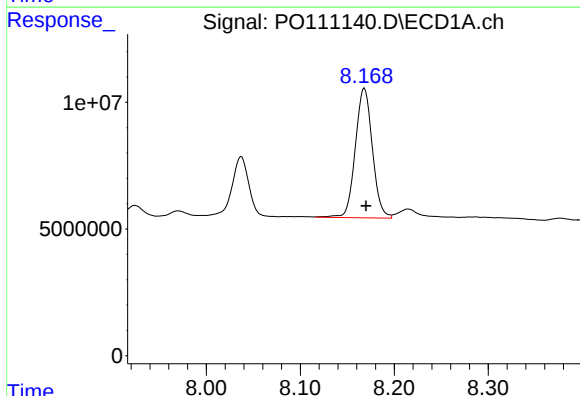
R.T.: 7.669 min
Delta R.T.: -0.004 min
Response: 193653237
Conc: 328.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



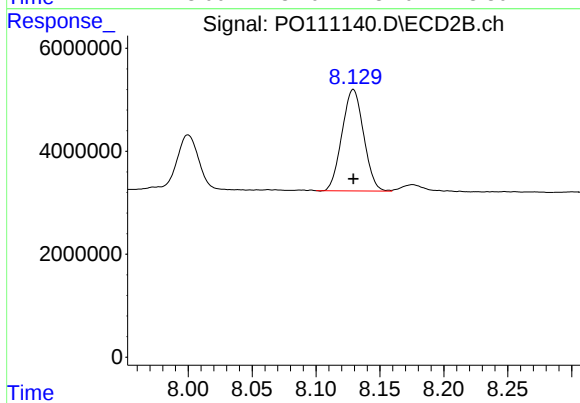
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: -0.002 min
Response: 104008890
Conc: 314.96 ng/ml



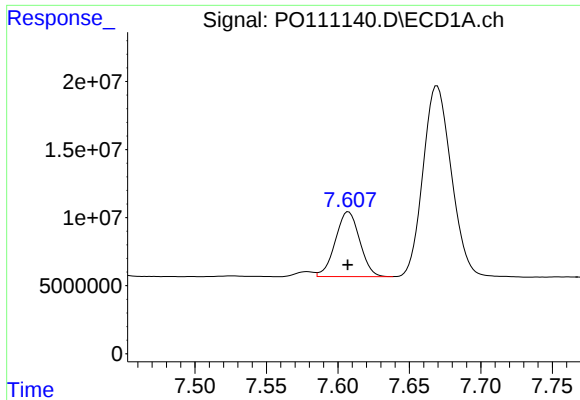
#40 AR-1262-5

R.T.: 8.168 min
Delta R.T.: -0.002 min
Response: 64458188
Conc: 226.00 ng/ml



#40 AR-1262-5

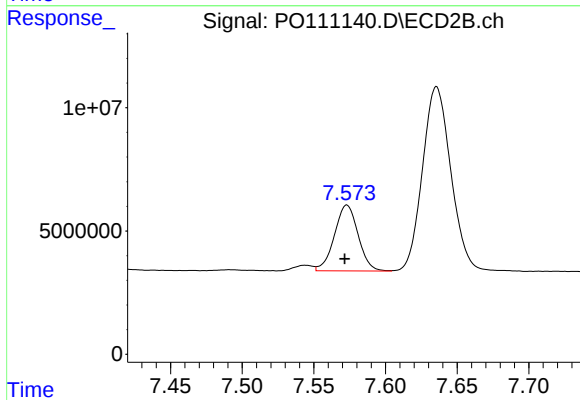
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 23249112
Conc: 207.02 ng/ml



#41 AR-1268-1

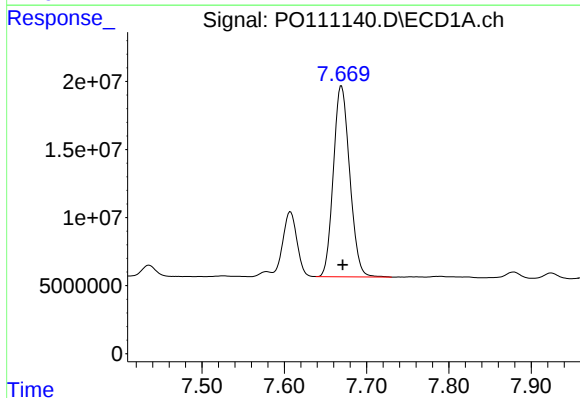
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 56626972
Conc: 58.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



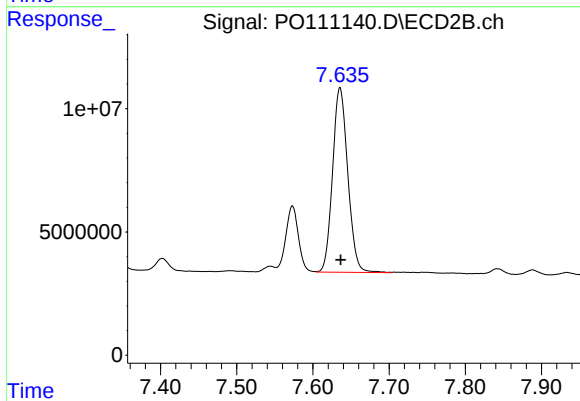
#41 AR-1268-1

R.T.: 7.573 min
Delta R.T.: 0.002 min
Response: 30774142
Conc: 58.05 ng/ml



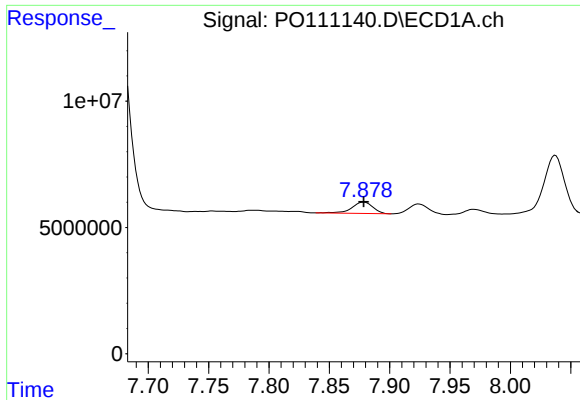
#42 AR-1268-2

R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 193653237
Conc: 216.98 ng/ml



#42 AR-1268-2

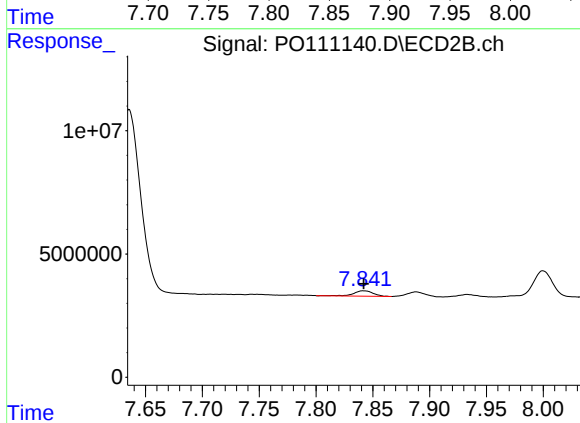
R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 104008890
Conc: 215.64 ng/ml



#43 AR-1268-3

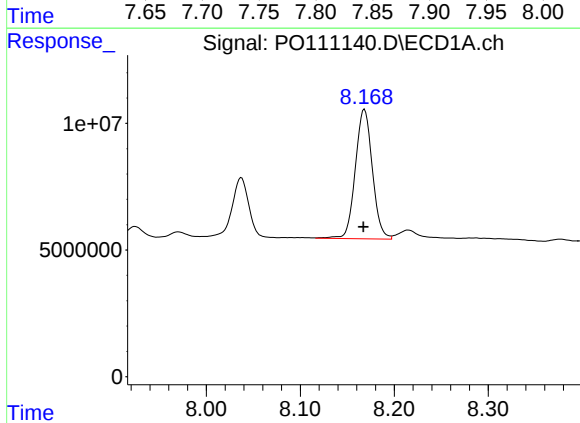
R.T.: 7.879 min
Delta R.T.: 0.000 min
Response: 5445249
Conc: 7.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



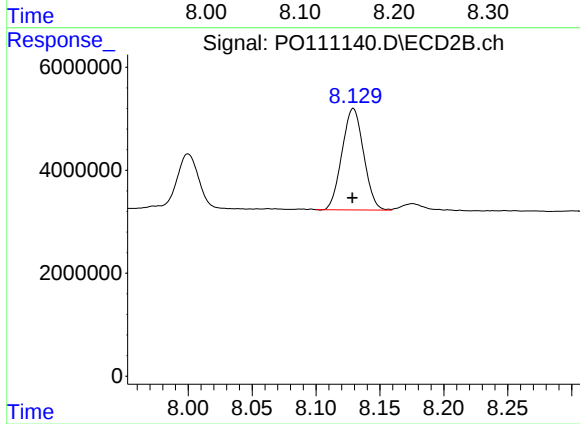
#43 AR-1268-3

R.T.: 7.842 min
Delta R.T.: 0.000 min
Response: 2566455
Conc: 7.37 ng/ml



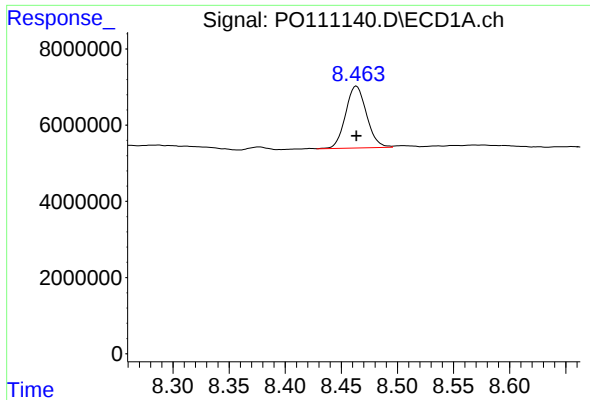
#44 AR-1268-4

R.T.: 8.168 min
Delta R.T.: 0.001 min
Response: 64458188
Conc: 197.37 ng/ml



#44 AR-1268-4

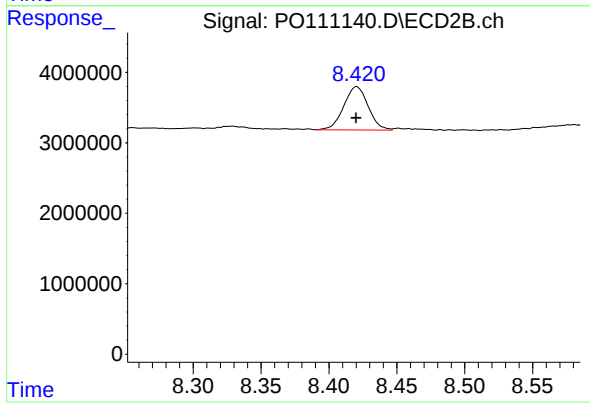
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 23249112
Conc: 182.68 ng/ml



#45 AR-1268-5

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 21119039
Conc: 9.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 7675485
Conc: 10.20 ng/ml