

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031025\
 Data File : P0109758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 15:13
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 15:28:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 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...	3.695	3.692	477.2E6	279.8E6	50.421	53.454
2)	SA Decachlor...	8.750	8.702	352.1E6	142.0E6	40.933	44.592
Target Compounds							
3)	L1 AR-1016-1	4.788	4.774	5276763	3135123	17.116	20.075
4)	L1 AR-1016-2	4.807	4.794	4073927	2363032	9.676	10.918
5)	L1 AR-1016-3	4.864	4.970	3174867	1623356	10.733	13.590 #
6)	L1 AR-1016-4	4.986	5.011	2899701	57965788	12.511	556.985 #
7)	L1 AR-1016-5	5.242	5.224	69625679	40137082	269.627	294.576
8)	L2 AR-1221-1	3.909	3.899	333898	221810	2.532	3.238 #
9)	L2 AR-1221-2	3.997	3.991	7789230	4639421	78.917	90.367
10)	L2 AR-1221-3	4.070	4.064	1655907	970643	6.137	6.674
11)	L3 AR-1232-1	4.070	4.064	1655907	970643	7.926	8.708
12)	L3 AR-1232-2	4.564	4.794	2352073	2363032	20.262	22.872
13)	L3 AR-1232-3	4.807	4.970	4073927	1623356	20.174	28.594 #
14)	L3 AR-1232-4	4.986	5.052	2899701	19488291	26.072	355.013 #
15)	L3 AR-1232-5	5.027	5.224	101.1E6	40137082	1238.493	682.546 #
16)	L4 AR-1242-1	4.788	4.774	5276763	3135123	20.158	23.689
17)	L4 AR-1242-2	4.807	4.794	4073927	2363032	11.442	13.018
18)	L4 AR-1242-3	4.864	4.970	3174867	1623356	12.630	16.254 #
19)	L4 AR-1242-4	4.986	5.052	2899701	19488291	14.760	182.272 #
20)	L4 AR-1242-5	5.638	5.576	36989875	141.7E6	172.547	1127.607 #
21)	L5 AR-1248-1	4.788	4.774	5276763	3135123	26.449	31.187
22)	L5 AR-1248-2	5.027	5.011	101.1E6	57965788	363.454	398.446
23)	L5 AR-1248-3	5.242	5.052	69625679	19488291	199.288	125.724 #
24)	L5 AR-1248-4	5.598	5.224	250.9E6	40137082	525.809	222.001 #
25)	L5 AR-1248-5	5.638	5.616	36989875	21269359	107.997	123.512
26)	L6 AR-1254-1	5.598	5.576	250.9E6	141.7E6	486.535	541.972
27)	L6 AR-1254-2	5.746	5.724	217.9E6	124.0E6	483.923	528.609
28)	L6 AR-1254-3	6.152	6.127	348.9E6	191.7E6	487.379	537.315
29)	L6 AR-1254-4	6.382	6.354	213.8E6	110.5E6	510.629	572.024
30)	L6 AR-1254-5	6.802	6.772	301.2E6	154.7E6	482.749	521.368
31)	L7 AR-1260-1	6.284	6.258	173.0E6	95504665	371.105	403.110
32)	L7 AR-1260-2	6.473	6.444	142.5E6	74950473	252.165	272.378
33)	L7 AR-1260-3	6.872	6.597	25745868	73010586	54.126	286.237 #
34)	L7 AR-1260-4	7.101	7.069	15592280	8104932	36.127	39.308
35)	L7 AR-1260-5	7.343	7.309	33899718	17576516	34.108	39.252
36)	L8 AR-1262-1	6.872	6.841	25745868	13820307	38.667	43.568
37)	L8 AR-1262-2	7.343	7.309	33899718	17576516	30.007	35.250
38)	L8 AR-1262-3	7.628	7.594	1193889	615672	2.663	3.137
39)	L8 AR-1262-4	7.689	7.654	32729275	16631489	39.470	46.864
40)	L8 AR-1262-5	8.189	8.152	1466362	543726	3.928	3.799
41)	L9 AR-1268-1	7.628	7.594	1193889	615672	0.902	1.077

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 Operator : YP/AJ
 Sample : AR1254CCC500
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 ALS Vial : 6 Sample Multiplier: 1

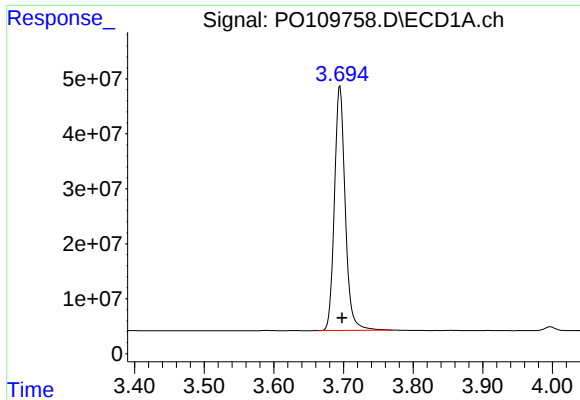
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 15:28:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
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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	7.689	7.654	32729275	16631489	27.069	31.682
43) L9	AR-1268-3	7.901	7.864	926549	828401	0.910	1.935 #
44) L9	AR-1268-4	8.189	8.152	1466362	543726	3.451	3.370
45) L9	AR-1268-5	8.487	8.443	2795575	1199484	0.926	1.097

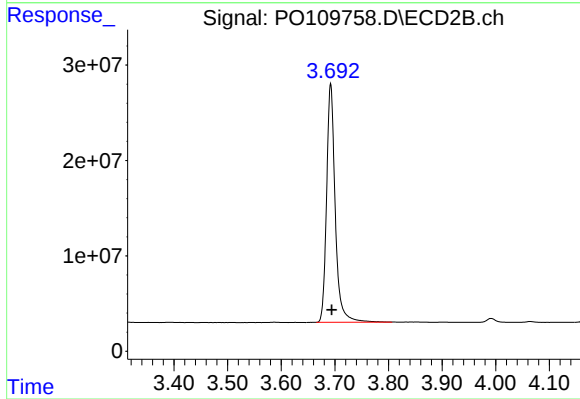
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

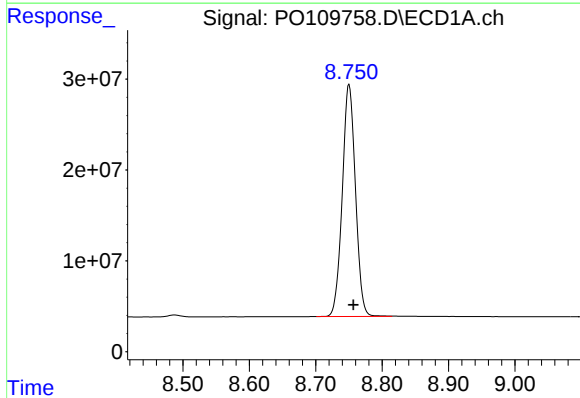
R.T.: 3.695 min
Delta R.T.: -0.003 min
Response: 477243394
Conc: 50.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



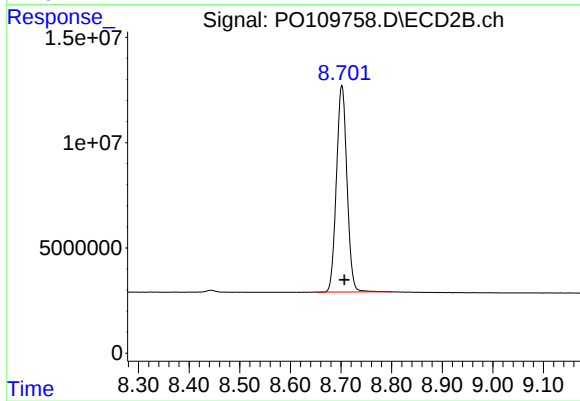
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: -0.002 min
Response: 279791739
Conc: 53.45 ng/ml



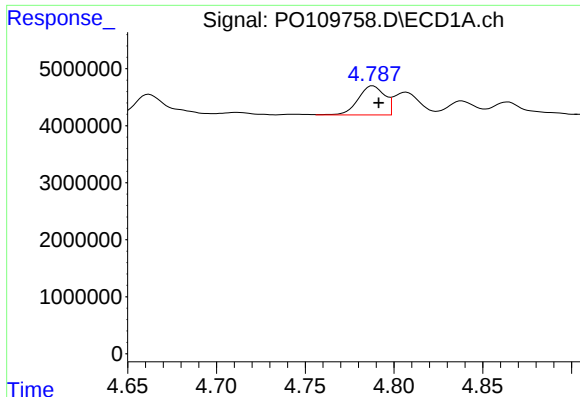
#2 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.006 min
Response: 352095697
Conc: 40.93 ng/ml



#2 Decachlorobiphenyl

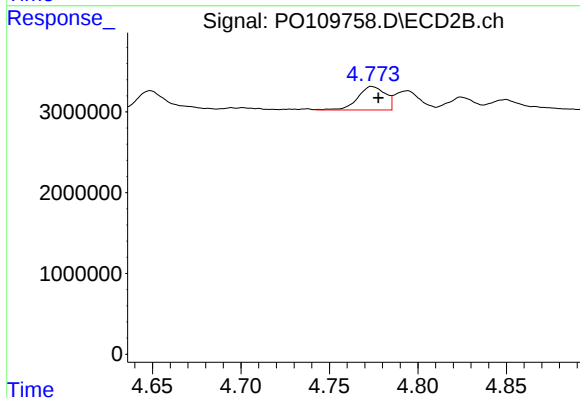
R.T.: 8.702 min
Delta R.T.: -0.005 min
Response: 141991931
Conc: 44.59 ng/ml



#3 AR-1016-1

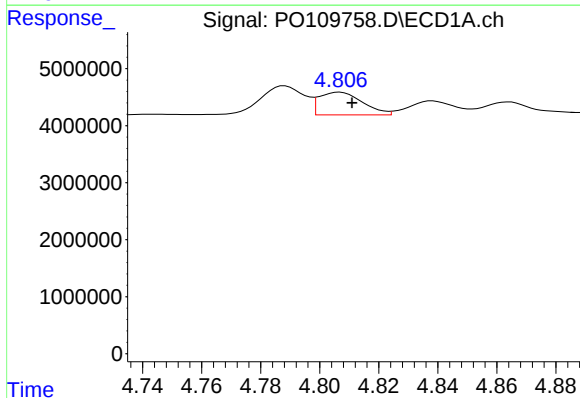
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 5276763
Conc: 17.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



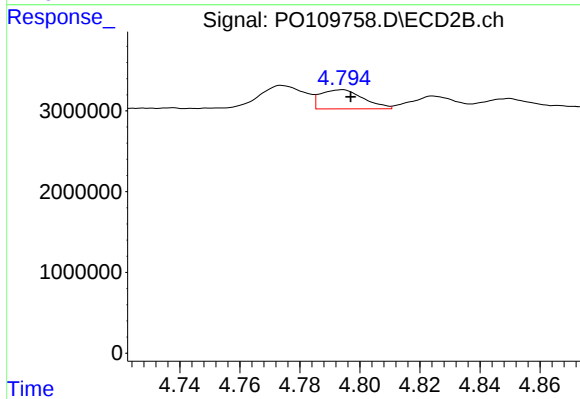
#3 AR-1016-1

R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 3135123
Conc: 20.07 ng/ml



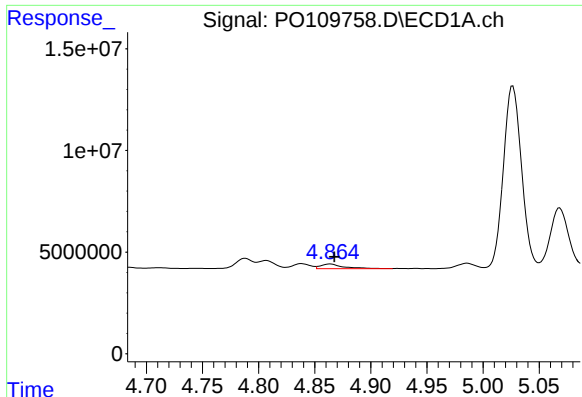
#4 AR-1016-2

R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 4073927
Conc: 9.68 ng/ml



#4 AR-1016-2

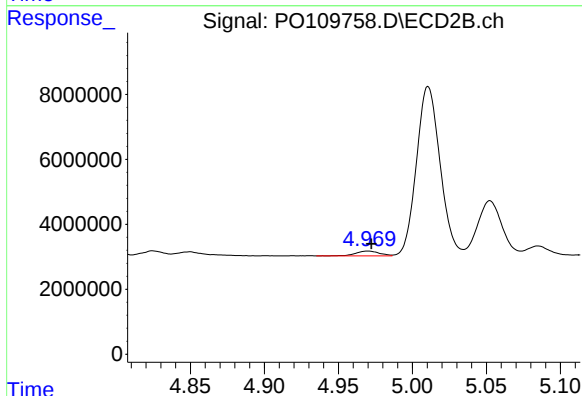
R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 2363032
Conc: 10.92 ng/ml



#5 AR-1016-3

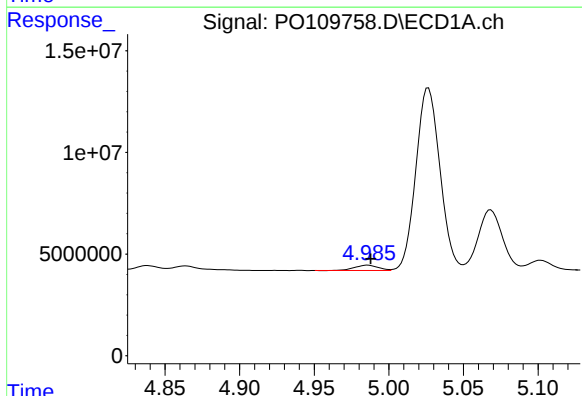
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 3174867
Conc: 10.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



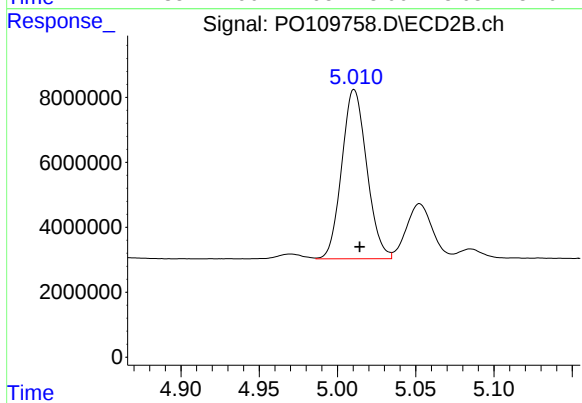
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1623356
Conc: 13.59 ng/ml



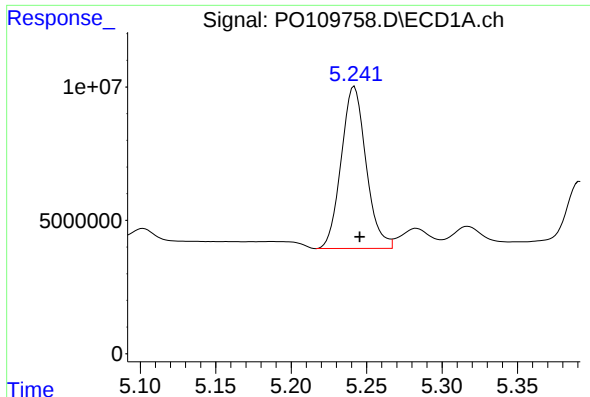
#6 AR-1016-4

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 2899701
Conc: 12.51 ng/ml



#6 AR-1016-4

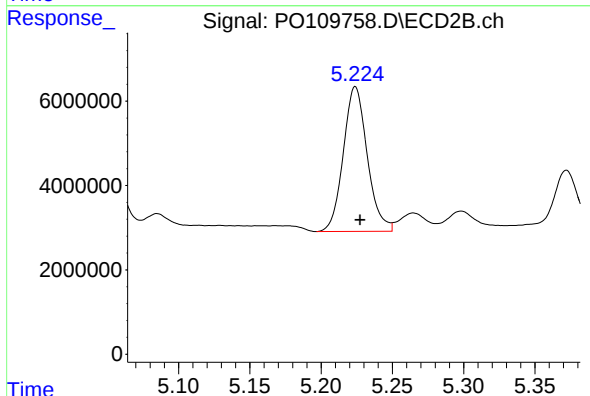
R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 57965788
Conc: 556.99 ng/ml



#7 AR-1016-5

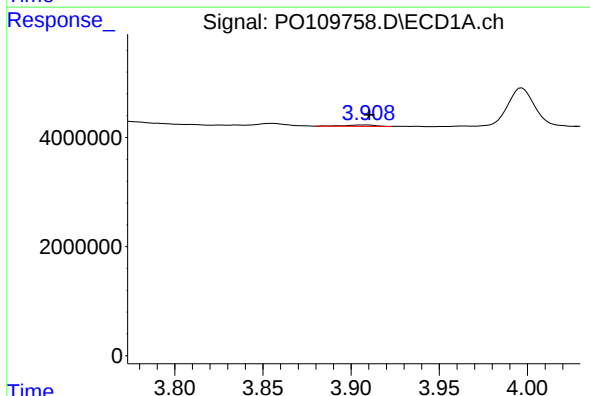
R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 69625679
Conc: 269.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



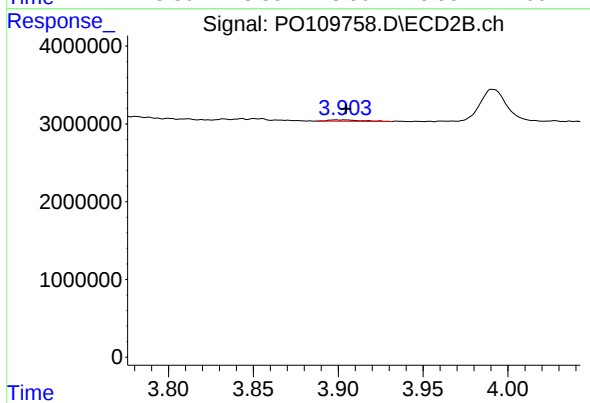
#7 AR-1016-5

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 40137082
Conc: 294.58 ng/ml



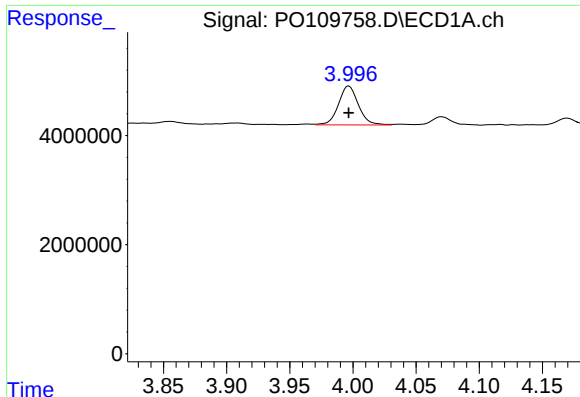
#8 AR-1221-1

R.T.: 3.909 min
Delta R.T.: -0.002 min
Response: 333898
Conc: 2.53 ng/ml



#8 AR-1221-1

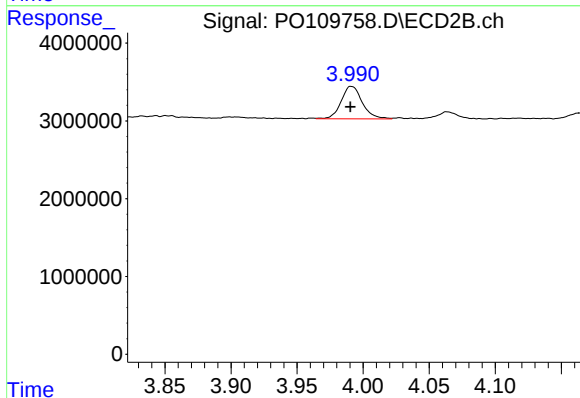
R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 221810
Conc: 3.24 ng/ml



#9 AR-1221-2

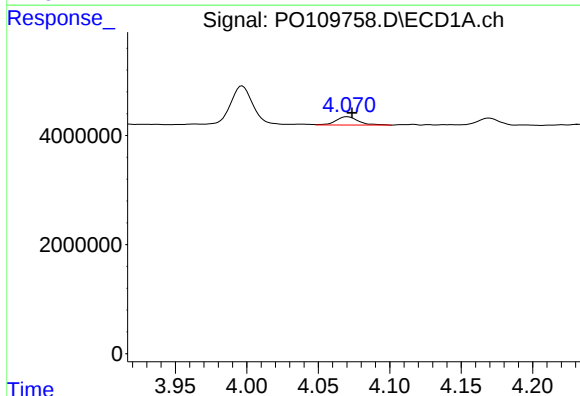
R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 7789230
Conc: 78.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



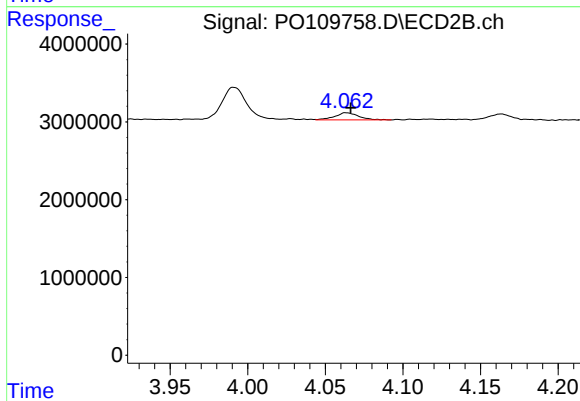
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 4639421
Conc: 90.37 ng/ml



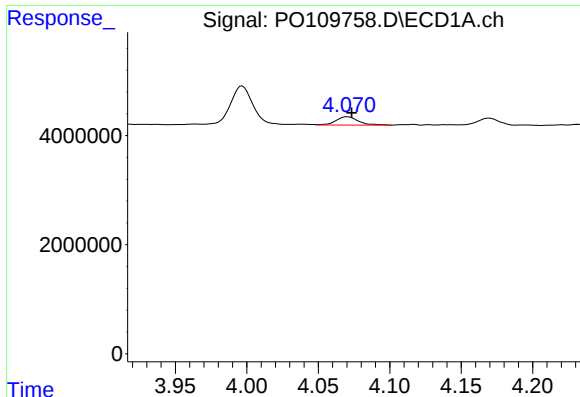
#10 AR-1221-3

R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 1655907
Conc: 6.14 ng/ml



#10 AR-1221-3

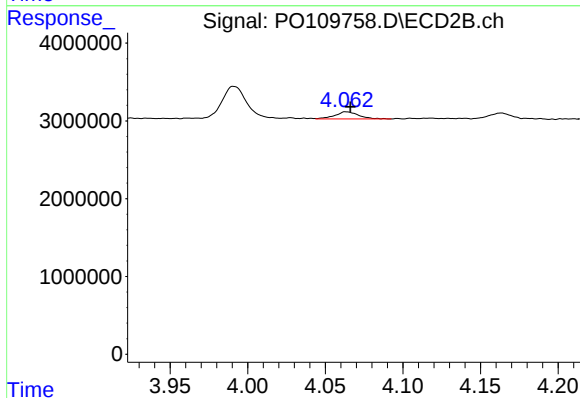
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 970643
Conc: 6.67 ng/ml



#11 AR-1232-1

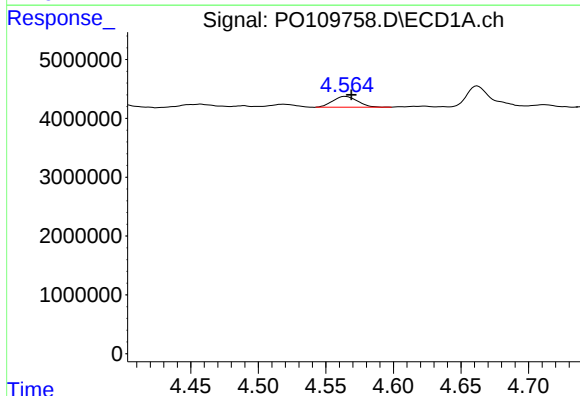
R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 1655907
Conc: 7.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



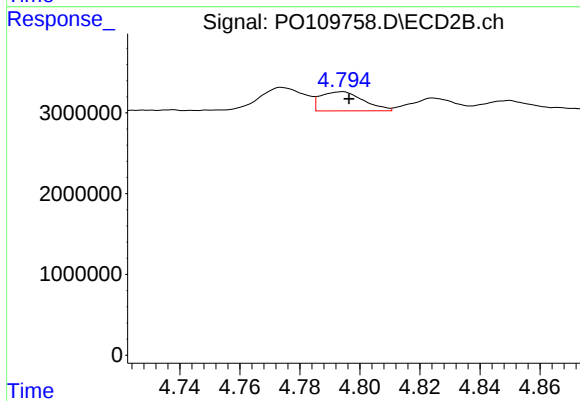
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 970643
Conc: 8.71 ng/ml



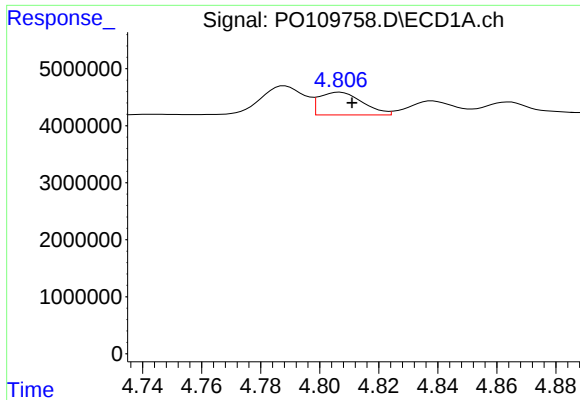
#12 AR-1232-2

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 2352073
Conc: 20.26 ng/ml



#12 AR-1232-2

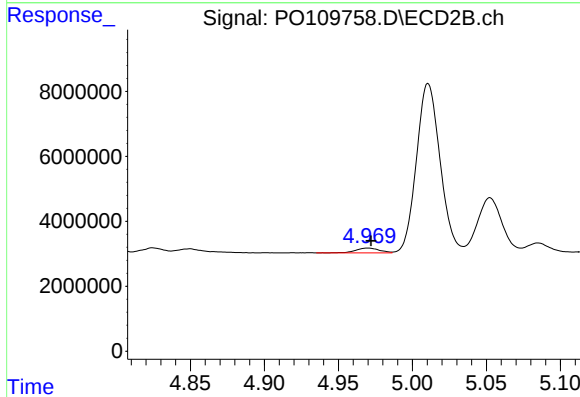
R.T.: 4.794 min
Delta R.T.: -0.002 min
Response: 2363032
Conc: 22.87 ng/ml



#13 AR-1232-3

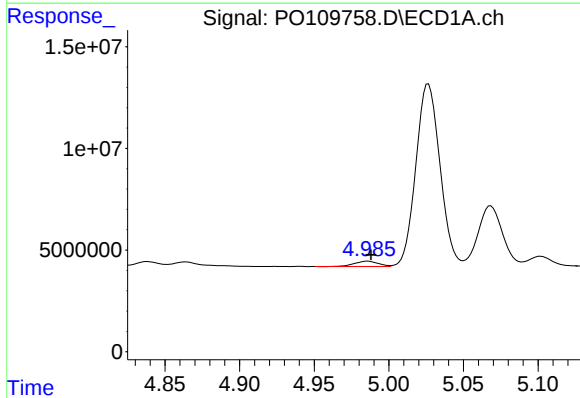
R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 4073927
Conc: 20.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



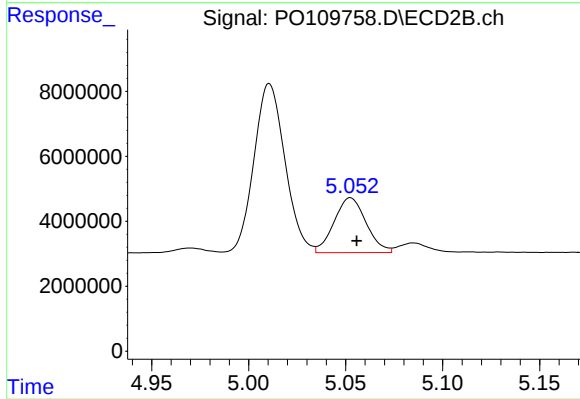
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1623356
Conc: 28.59 ng/ml



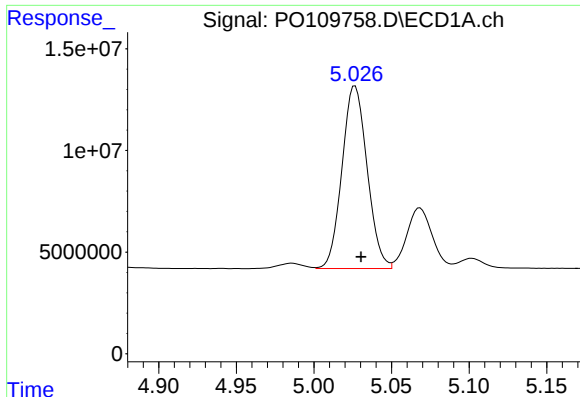
#14 AR-1232-4

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 2899701
Conc: 26.07 ng/ml



#14 AR-1232-4

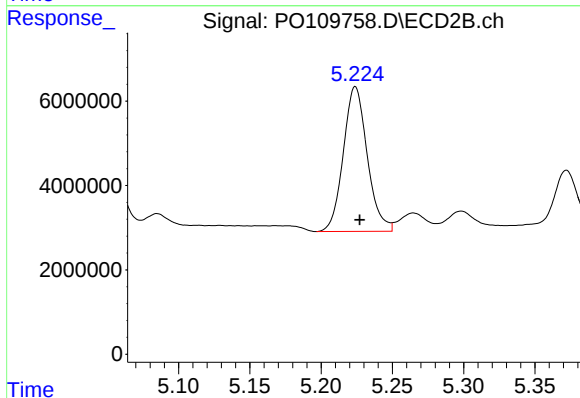
R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 19488291
Conc: 355.01 ng/ml



#15 AR-1232-5

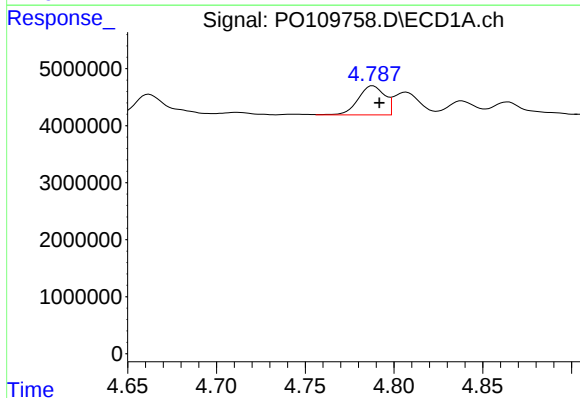
R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 101146005
Conc: 1238.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



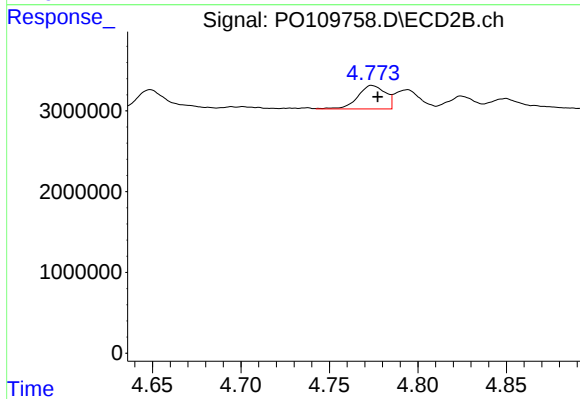
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 40137082
Conc: 682.55 ng/ml



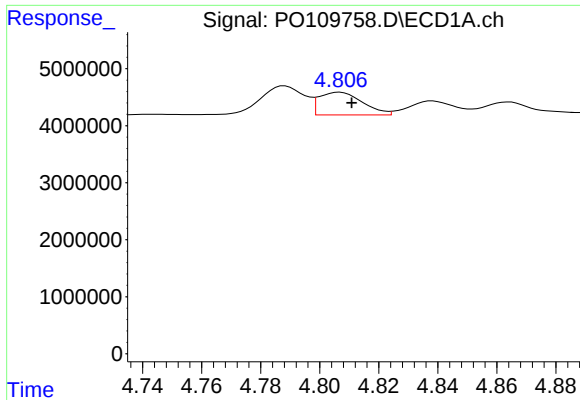
#16 AR-1242-1

R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 5276763
Conc: 20.16 ng/ml



#16 AR-1242-1

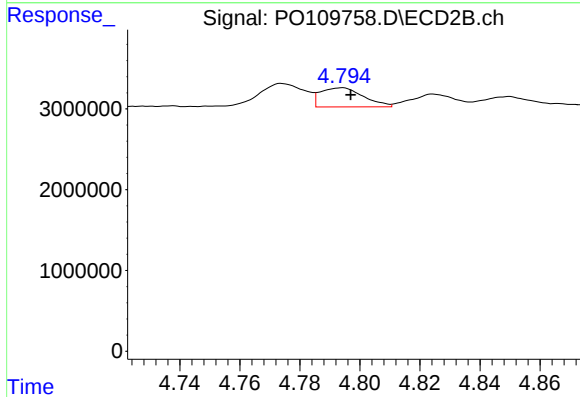
R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 3135123
Conc: 23.69 ng/ml



#17 AR-1242-2

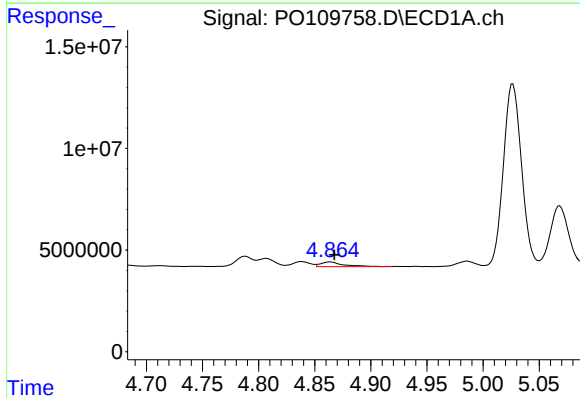
R.T.: 4.807 min
Delta R.T.: -0.004 min
Response: 4073927
Conc: 11.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



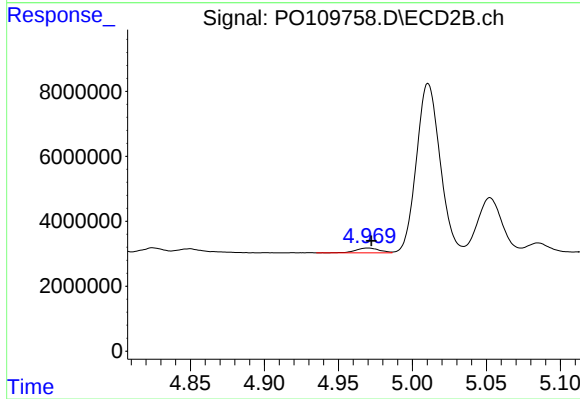
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: -0.003 min
Response: 2363032
Conc: 13.02 ng/ml



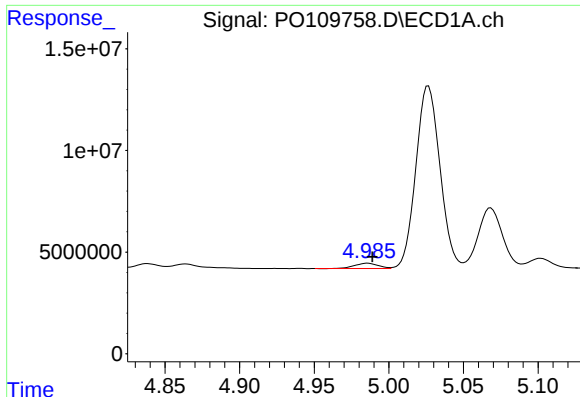
#18 AR-1242-3

R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 3174867
Conc: 12.63 ng/ml



#18 AR-1242-3

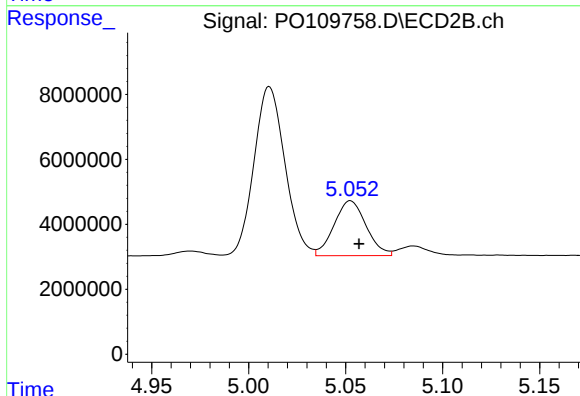
R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1623356
Conc: 16.25 ng/ml



#19 AR-1242-4

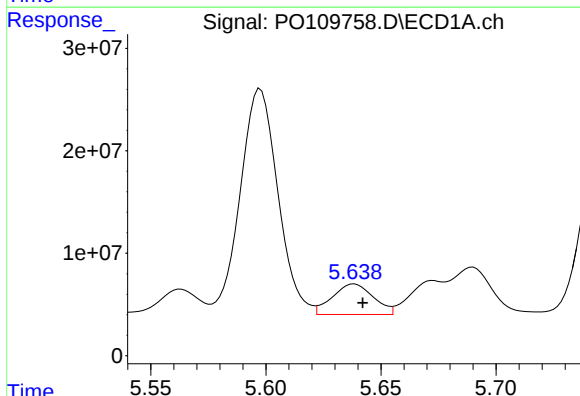
R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 2899701
Conc: 14.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



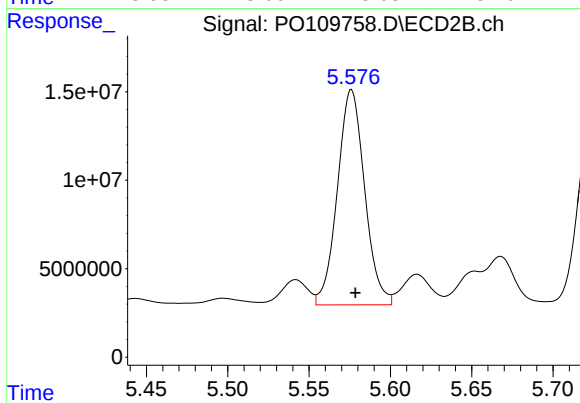
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 19488291
Conc: 182.27 ng/ml



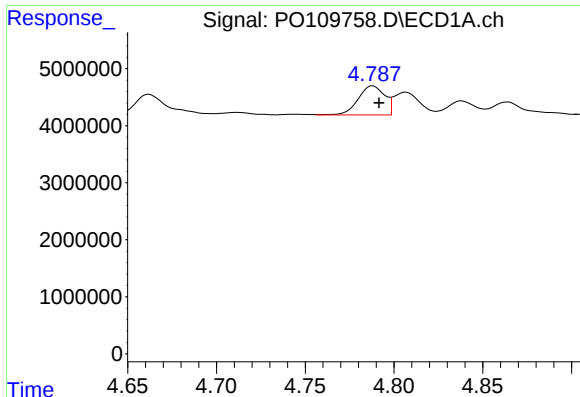
#20 AR-1242-5

R.T.: 5.638 min
Delta R.T.: -0.004 min
Response: 36989875
Conc: 172.55 ng/ml



#20 AR-1242-5

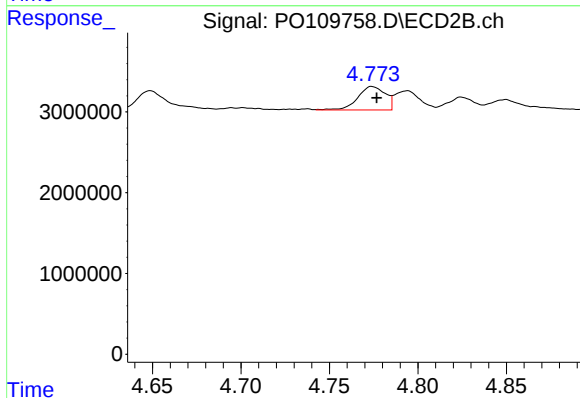
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 141746332
Conc: 1127.61 ng/ml



#21 AR-1248-1

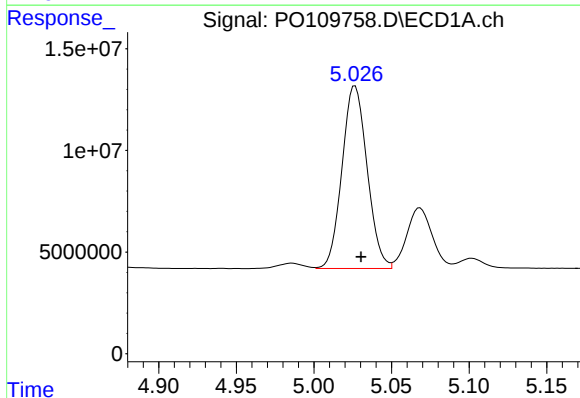
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 5276763
Conc: 26.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



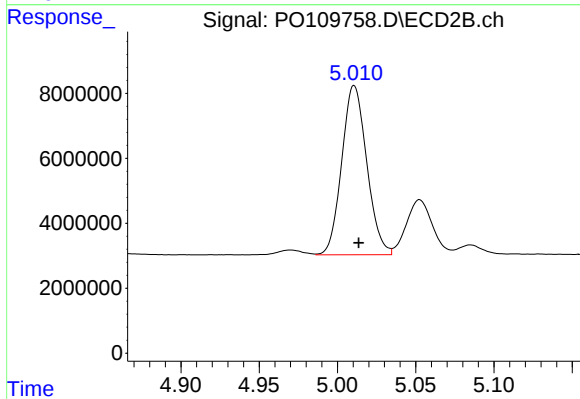
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 3135123
Conc: 31.19 ng/ml



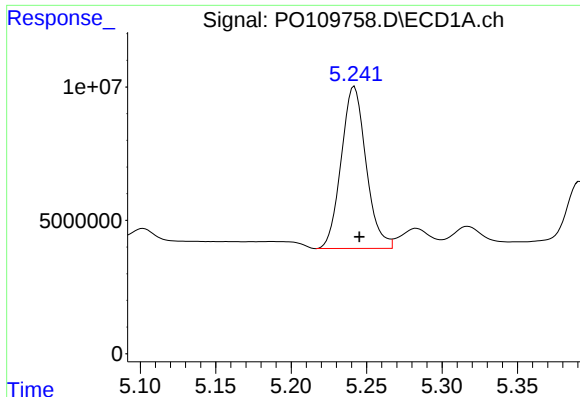
#22 AR-1248-2

R.T.: 5.027 min
Delta R.T.: -0.004 min
Response: 101146005
Conc: 363.45 ng/ml



#22 AR-1248-2

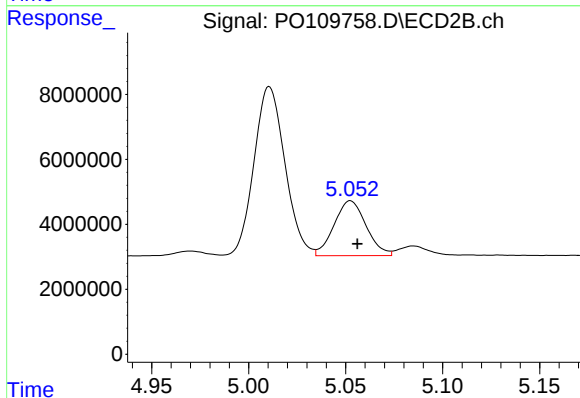
R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 57965788
Conc: 398.45 ng/ml



#23 AR-1248-3

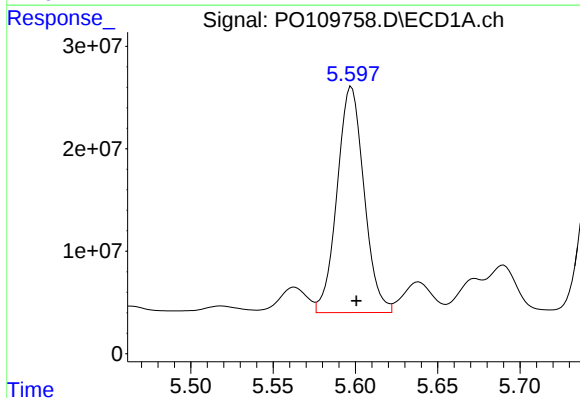
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 69625679
Conc: 199.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



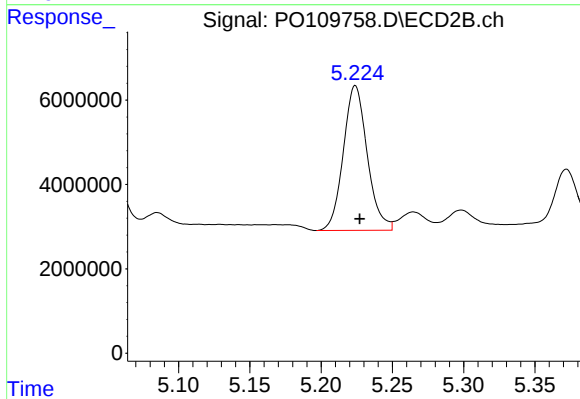
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 19488291
Conc: 125.72 ng/ml



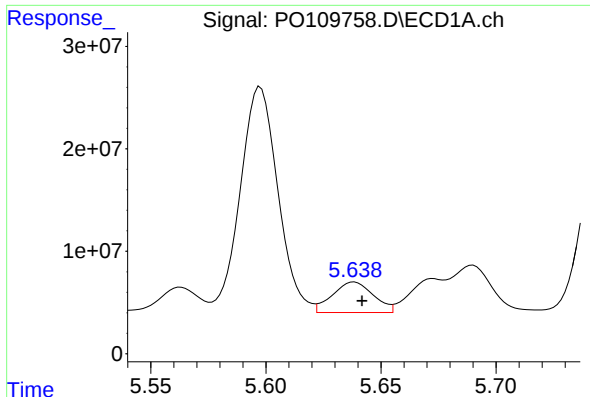
#24 AR-1248-4

R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 250860458
Conc: 525.81 ng/ml



#24 AR-1248-4

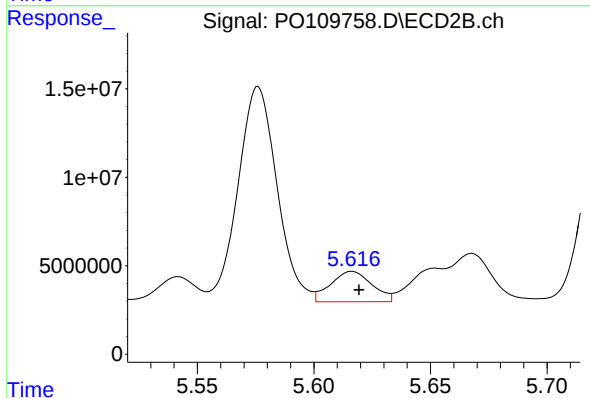
R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 40137082
Conc: 222.00 ng/ml



#25 AR-1248-5

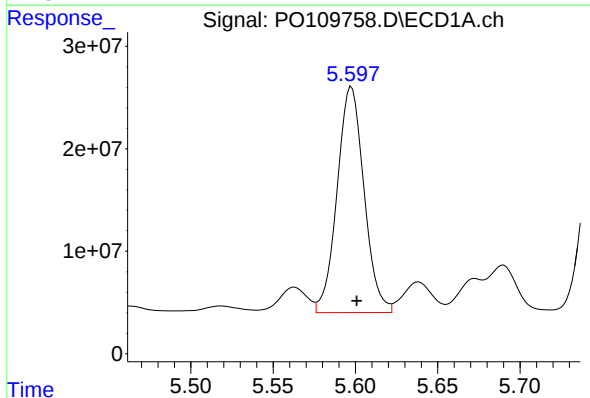
R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 36989875
Conc: 108.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



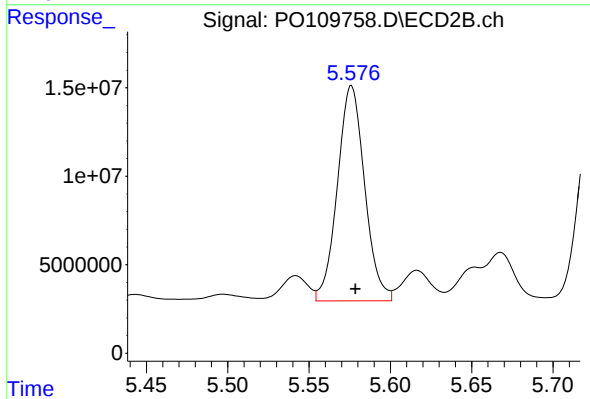
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 21269359
Conc: 123.51 ng/ml



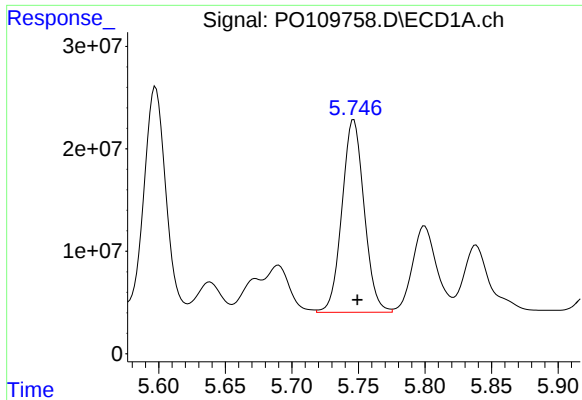
#26 AR-1254-1

R.T.: 5.598 min
Delta R.T.: -0.003 min
Response: 250860458
Conc: 486.53 ng/ml



#26 AR-1254-1

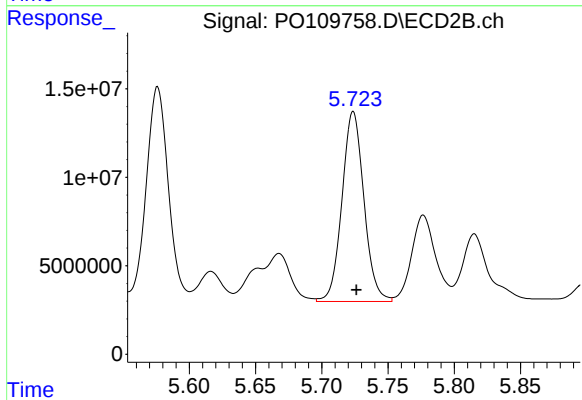
R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 141746332
Conc: 541.97 ng/ml



#27 AR-1254-2

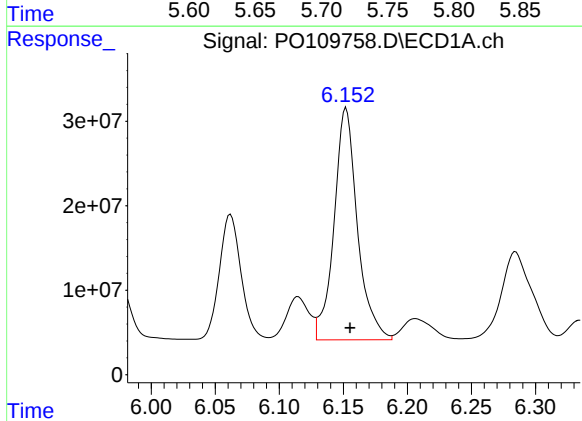
R.T.: 5.746 min
Delta R.T.: -0.003 min
Response: 217946519
Conc: 483.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



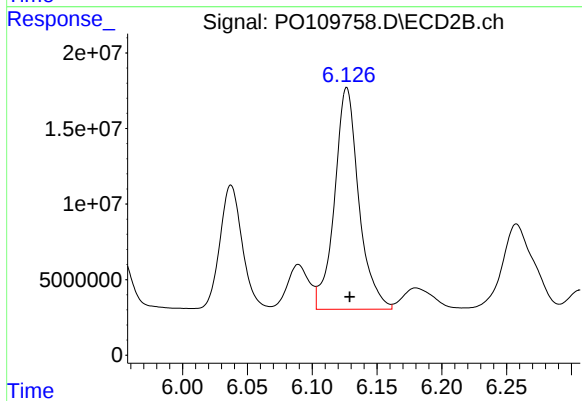
#27 AR-1254-2

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 123991341
Conc: 528.61 ng/ml



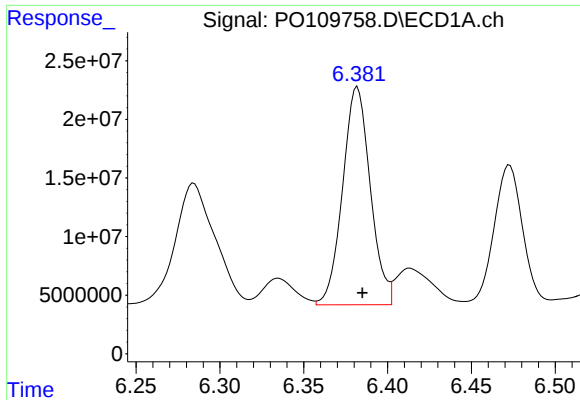
#28 AR-1254-3

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 348941967
Conc: 487.38 ng/ml



#28 AR-1254-3

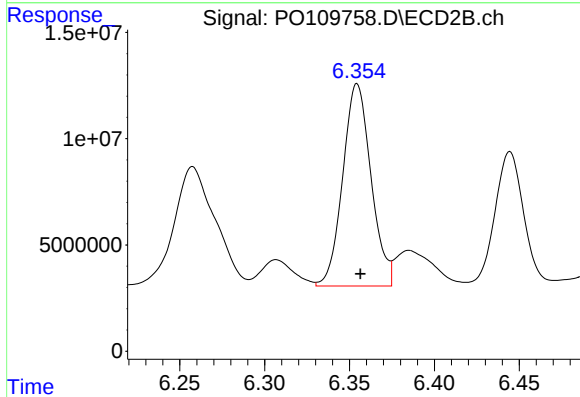
R.T.: 6.127 min
Delta R.T.: -0.002 min
Response: 191662792
Conc: 537.32 ng/ml



#29 AR-1254-4

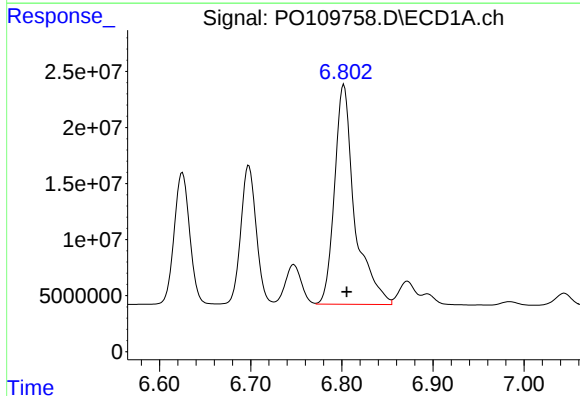
R.T.: 6.382 min
Delta R.T.: -0.003 min
Response: 213847196
Conc: 510.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



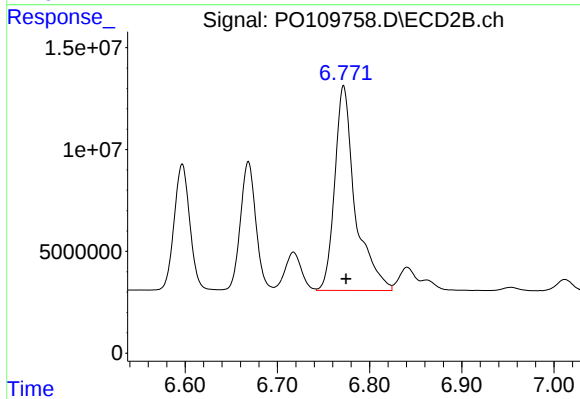
#29 AR-1254-4

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 110471190
Conc: 572.02 ng/ml



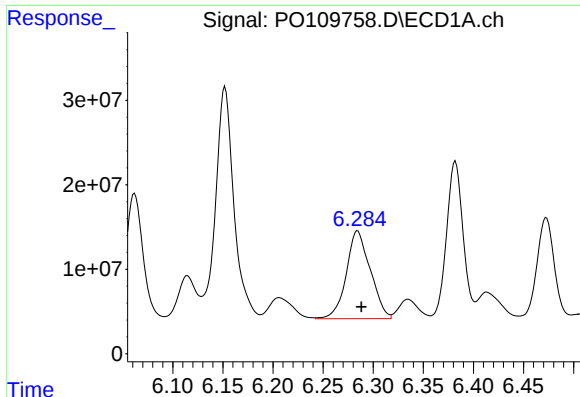
#30 AR-1254-5

R.T.: 6.802 min
Delta R.T.: -0.003 min
Response: 301188597
Conc: 482.75 ng/ml



#30 AR-1254-5

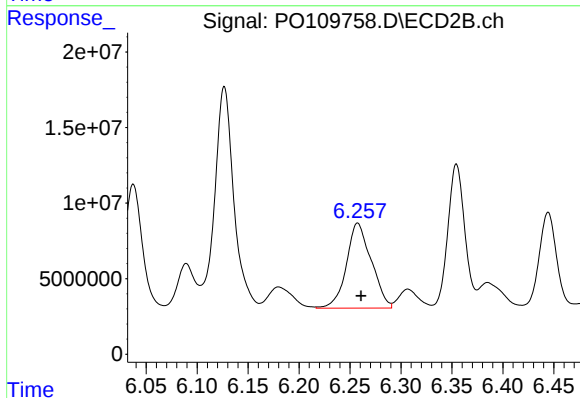
R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 154706658
Conc: 521.37 ng/ml



#31 AR-1260-1

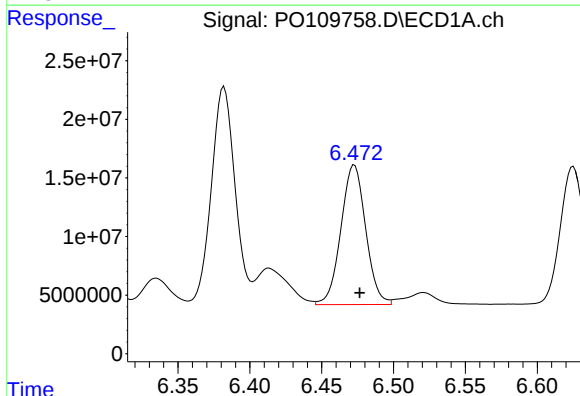
R.T.: 6.284 min
Delta R.T.: -0.004 min
Response: 172983652
Conc: 371.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



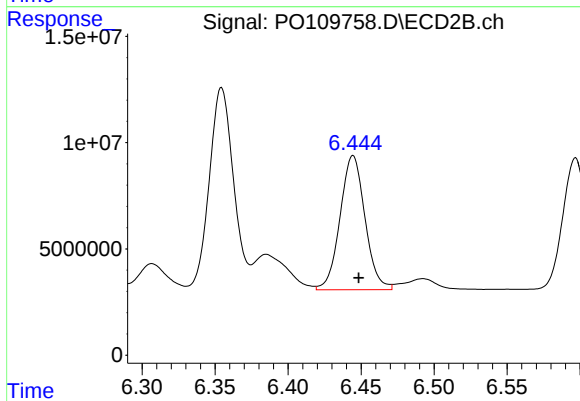
#31 AR-1260-1

R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 95504665
Conc: 403.11 ng/ml



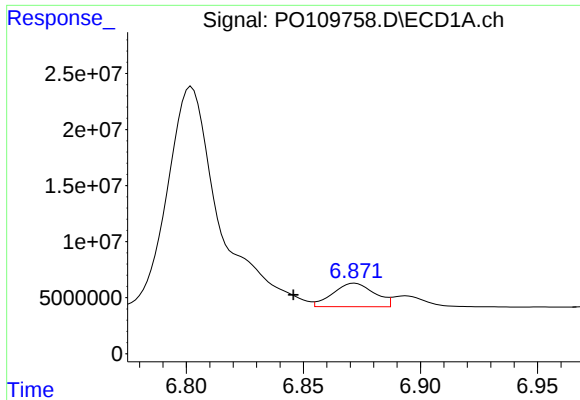
#32 AR-1260-2

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 142502929
Conc: 252.16 ng/ml



#32 AR-1260-2

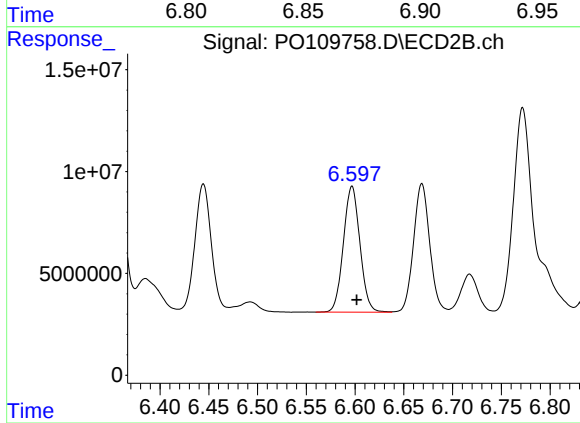
R.T.: 6.444 min
Delta R.T.: -0.004 min
Response: 74950473
Conc: 272.38 ng/ml



#33 AR-1260-3

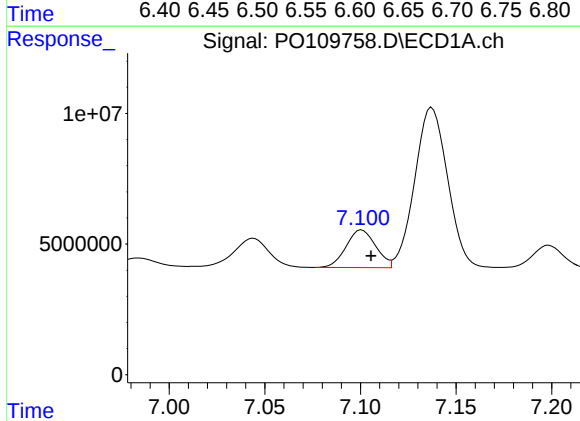
R.T.: 6.872 min
Delta R.T.: 0.026 min
Response: 25745868
Conc: 54.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



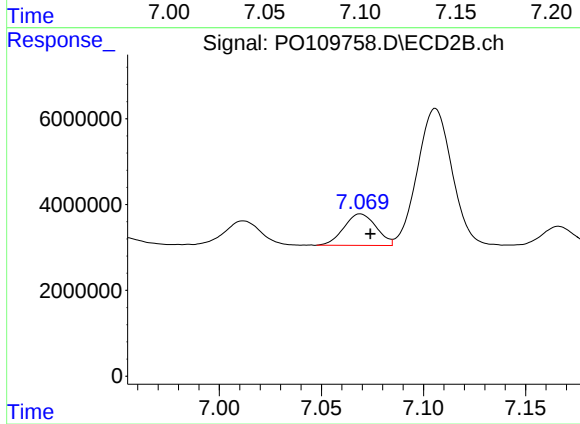
#33 AR-1260-3

R.T.: 6.597 min
Delta R.T.: -0.005 min
Response: 73010586
Conc: 286.24 ng/ml



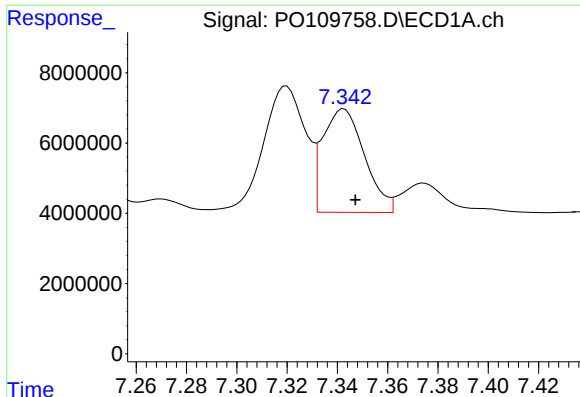
#34 AR-1260-4

R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 15592280
Conc: 36.13 ng/ml



#34 AR-1260-4

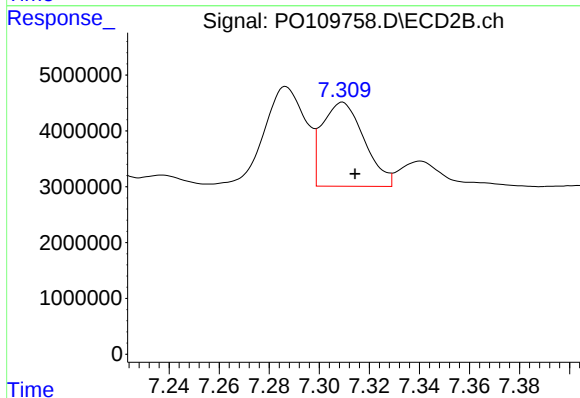
R.T.: 7.069 min
Delta R.T.: -0.005 min
Response: 8104932
Conc: 39.31 ng/ml



#35 AR-1260-5

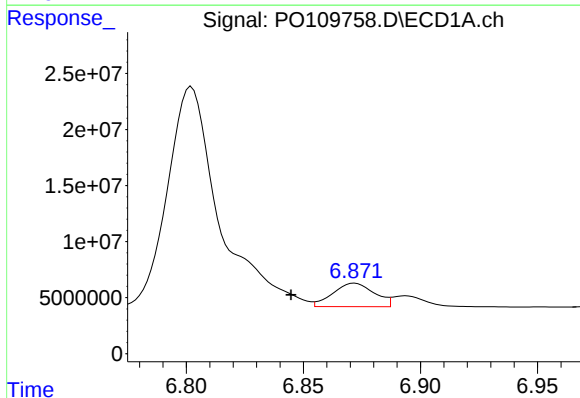
R.T.: 7.343 min
Delta R.T.: -0.005 min
Response: 33899718
Conc: 34.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



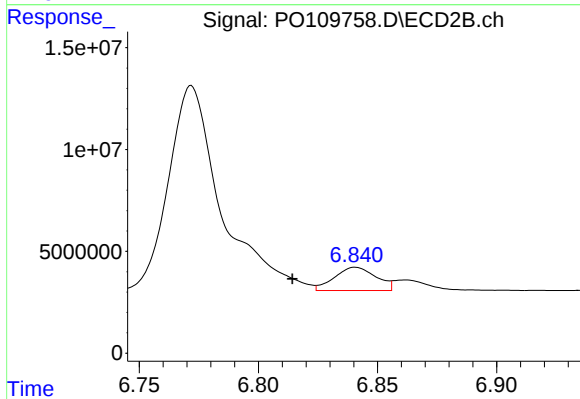
#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: -0.005 min
Response: 17576516
Conc: 39.25 ng/ml



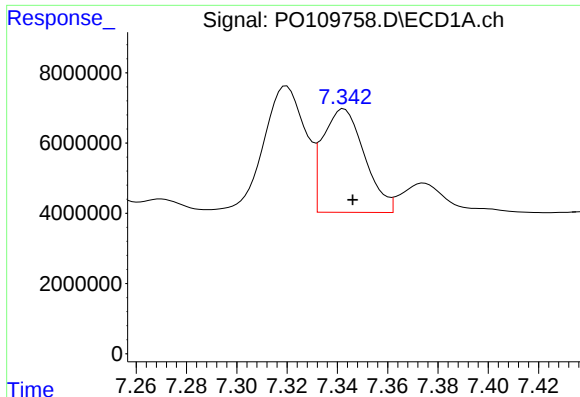
#36 AR-1262-1

R.T.: 6.872 min
Delta R.T.: 0.027 min
Response: 25745868
Conc: 38.67 ng/ml



#36 AR-1262-1

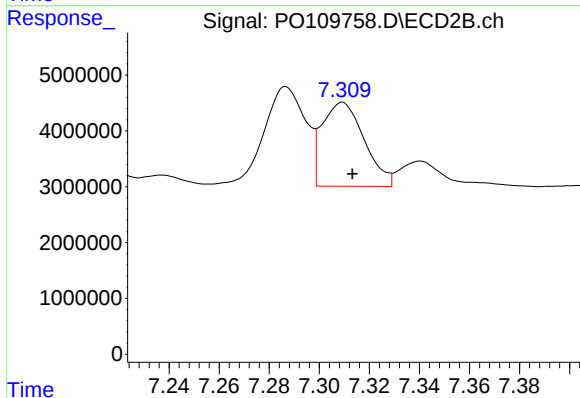
R.T.: 6.841 min
Delta R.T.: 0.027 min
Response: 13820307
Conc: 43.57 ng/ml



#37 AR-1262-2

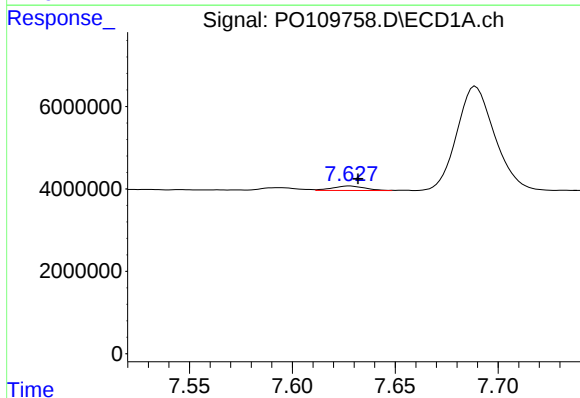
R.T.: 7.343 min
Delta R.T.: -0.003 min
Response: 33899718
Conc: 30.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



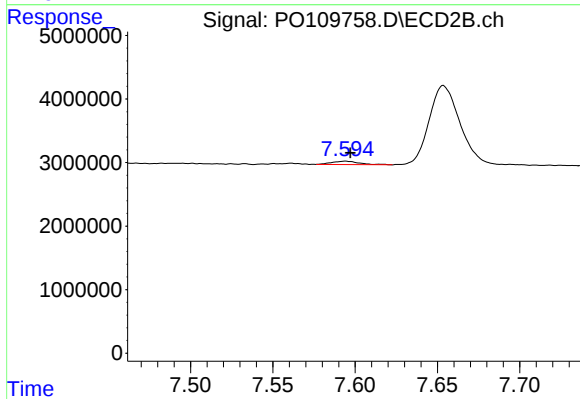
#37 AR-1262-2

R.T.: 7.309 min
Delta R.T.: -0.004 min
Response: 17576516
Conc: 35.25 ng/ml



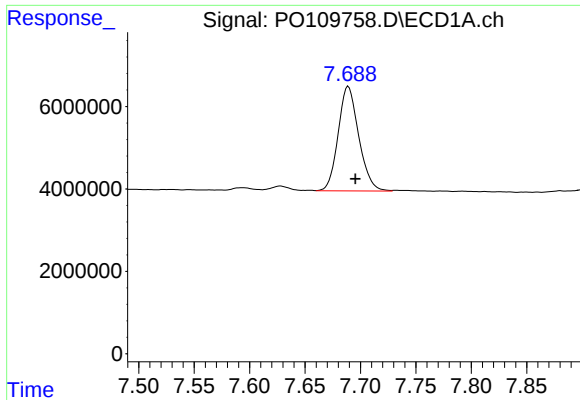
#38 AR-1262-3

R.T.: 7.628 min
Delta R.T.: -0.004 min
Response: 1193889
Conc: 2.66 ng/ml



#38 AR-1262-3

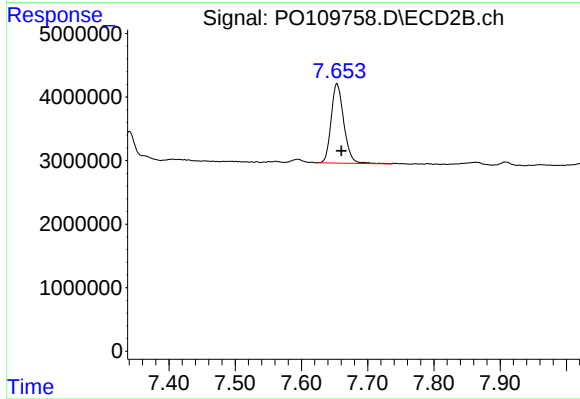
R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 615672
Conc: 3.14 ng/ml



#39 AR-1262-4

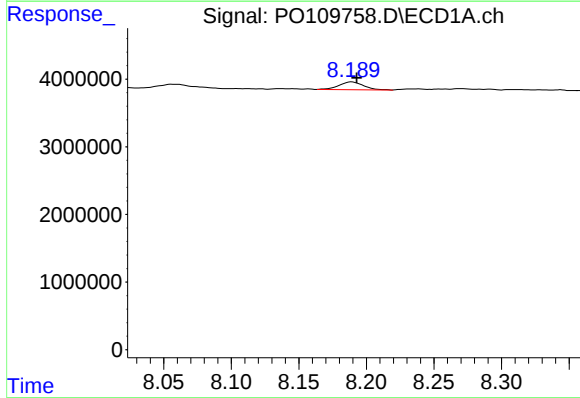
R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 32729275
Conc: 39.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



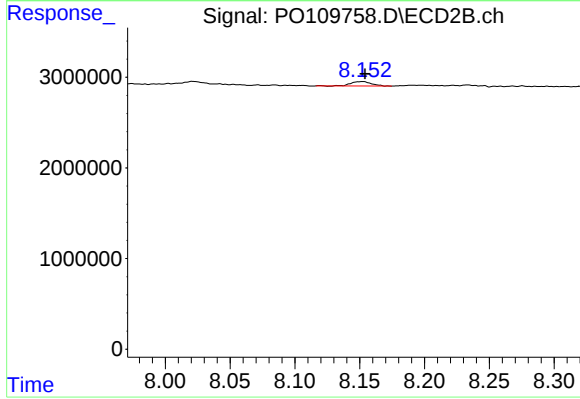
#39 AR-1262-4

R.T.: 7.654 min
Delta R.T.: -0.007 min
Response: 16631489
Conc: 46.86 ng/ml



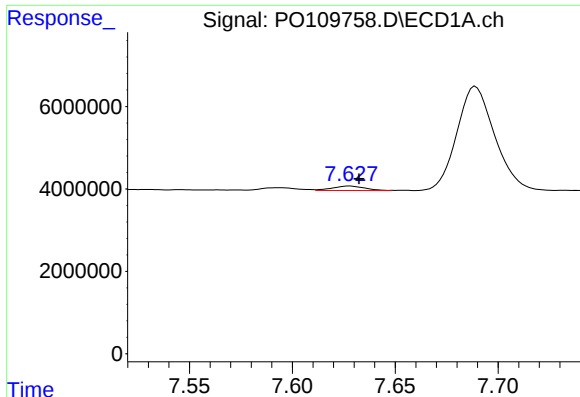
#40 AR-1262-5

R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 1466362
Conc: 3.93 ng/ml



#40 AR-1262-5

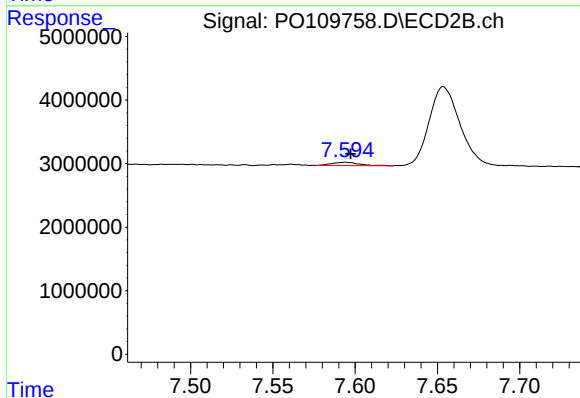
R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 543726
Conc: 3.80 ng/ml



#41 AR-1268-1

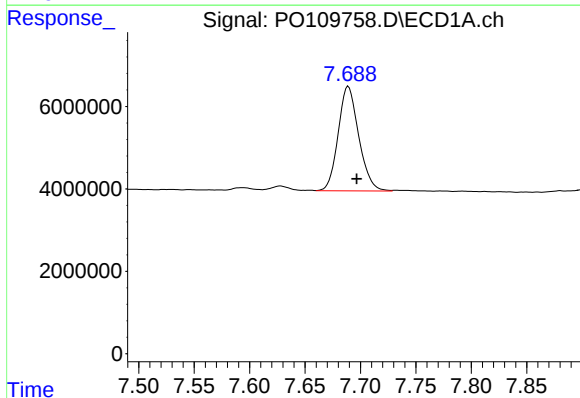
R.T.: 7.628 min
Delta R.T.: -0.005 min
Response: 1193889
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



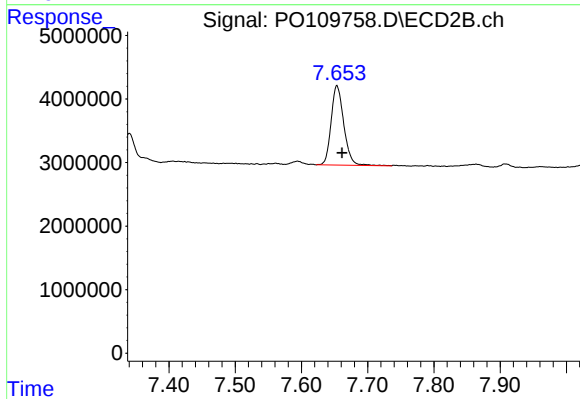
#41 AR-1268-1

R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 615672
Conc: 1.08 ng/ml



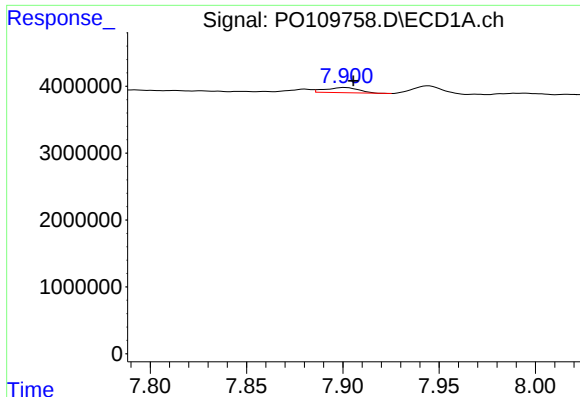
#42 AR-1268-2

R.T.: 7.689 min
Delta R.T.: -0.007 min
Response: 32729275
Conc: 27.07 ng/ml



#42 AR-1268-2

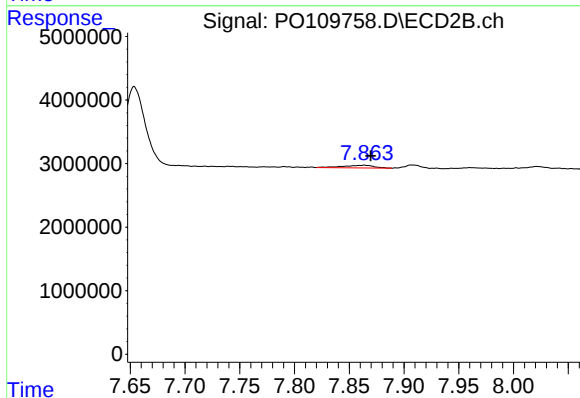
R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 16631489
Conc: 31.68 ng/ml



#43 AR-1268-3

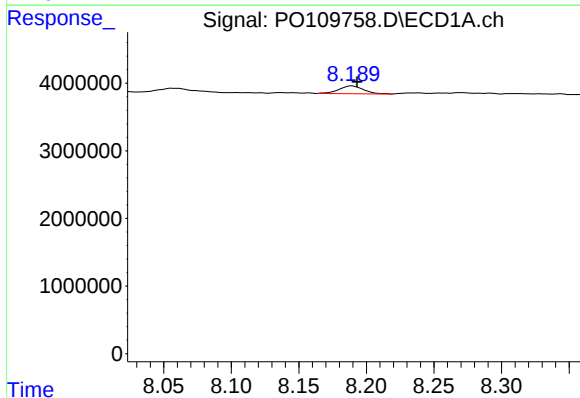
R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 926549
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



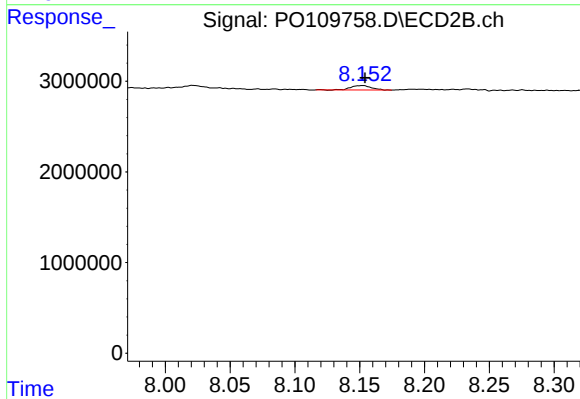
#43 AR-1268-3

R.T.: 7.864 min
Delta R.T.: -0.006 min
Response: 828401
Conc: 1.94 ng/ml



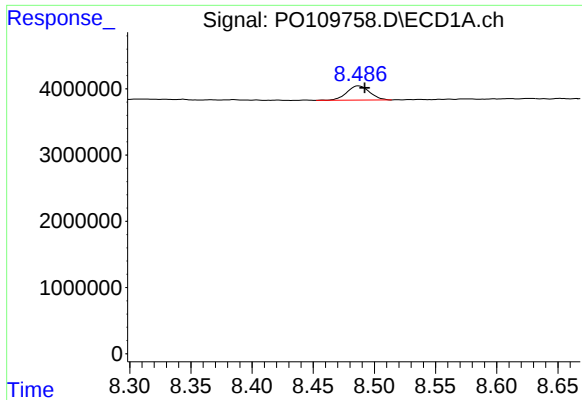
#44 AR-1268-4

R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 1466362
Conc: 3.45 ng/ml



#44 AR-1268-4

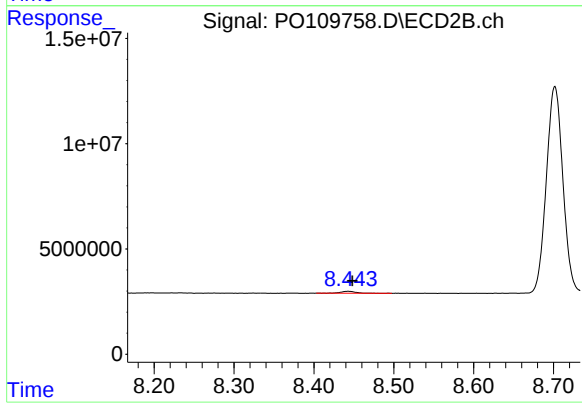
R.T.: 8.152 min
Delta R.T.: -0.002 min
Response: 543726
Conc: 3.37 ng/ml



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 2795575
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 1199484
Conc: 1.10 ng/ml