

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032323\
 Data File : P0093484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 15:42
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 17:48:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.425	3.630	172.4E6	60707904	55.040	53.826
2)	SA Decachlor...	10.254	8.657	120.2E6	51002025	55.542	52.089
Target Compounds							
3)	L1 AR-1016-1	5.601	4.714	52167452	19033767	545.959	531.733
4)	L1 AR-1016-2	5.624	4.732	77280481	28021667	541.210	539.956
5)	L1 AR-1016-3	5.686	4.909	49190897	15118035	542.146	546.461
6)	L1 AR-1016-4	5.785	4.951	37895420	13222948	559.332	531.815
7)	L1 AR-1016-5	6.082	5.164	40499210	16967038	540.911	536.103
8)	L2 AR-1221-1	4.630	3.842	6346807	2187428	157.012	148.759
9)	L2 AR-1221-2	4.722	3.928	9039748	3142259	298.294	287.735
10)	L2 AR-1221-3	4.798	4.004	33032722	12248691	361.323	359.544
11)	L3 AR-1232-1	4.798	4.004	33032722	12248691	452.449	433.672
12)	L3 AR-1232-2	5.331	4.732	42505378	28021667	1182.138	1137.230
13)	L3 AR-1232-3	5.624	4.909	77280481	15118035	1180.488	1194.935
14)	L3 AR-1232-4	5.785	4.992	37895420	16129273	1237.729	1259.347
15)	L3 AR-1232-5	5.878	5.164	35490895	16967038	1279.015	1209.847
16)	L4 AR-1242-1	5.601	4.714	52167452	19033767	636.473	626.385
17)	L4 AR-1242-2	5.624	4.732	77280481	28021667	643.880	631.150
18)	L4 AR-1242-3	5.686	4.909	49190897	15118035	640.938	646.632
19)	L4 AR-1242-4	5.785	4.992	37895420	16129273	661.242	619.163
20)	L4 AR-1242-5	6.529	5.517	10861487	16198635	173.812	567.038 #
21)	L5 AR-1248-1	5.601	4.714	52167452	19033767	839.192	817.894
22)	L5 AR-1248-2	5.878	4.951	35490895	13222948	371.594	364.866
23)	L5 AR-1248-3	6.082	4.992	40499210	16129273	389.194	429.809
24)	L5 AR-1248-4	6.489	5.164	12526282	16967038	123.010	394.385 #
25)	L5 AR-1248-5	6.529	5.558	10861487	3789286	106.111	103.033
26)	L6 AR-1254-1	6.464	5.517	34581242	16198635	295.920	258.089
27)	L6 AR-1254-2	6.684	5.666	29800724	11868737	174.408	210.619
28)	L6 AR-1254-3	7.054	6.086	13380577	21895595	80.491	254.322 #
29)	L6 AR-1254-4	7.341	6.300	8268843	1556596	77.570	34.038 #
30)	L6 AR-1254-5	7.763	6.719	88975480	38816387	657.088	525.597
31)	L7 AR-1260-1	7.220	6.201	72682773	32080801	561.029	527.658
32)	L7 AR-1260-2	7.479	6.390	79536360	37883301	538.773	523.997
33)	L7 AR-1260-3	7.842	6.544	62773258	35031703	558.080	523.888
34)	L7 AR-1260-4	8.069	7.018	68338771	29221669	532.906	530.999
35)	L7 AR-1260-5	8.397	7.262	124.3E6	63067679	556.098	535.694
36)	L8 AR-1262-1	7.763	6.719	88975480	38816387	895.093	1038.745
37)	L8 AR-1262-2	8.397	7.262	124.3E6	63067679	523.547	529.610
38)	L8 AR-1262-3	8.726	7.610	81936611	46529106	485.170	514.786
39)	L8 AR-1262-4	8.807	7.610	25797487	46529106	288.040	514.786 #
40)	L8 AR-1262-5	9.479	8.108	38367493	16715848	401.713	408.454
41)	L9 AR-1268-1	8.726	7.546	81936611	15235455	256.591	97.353 #

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 ALS Vial : 3 Sample Multiplier: 1

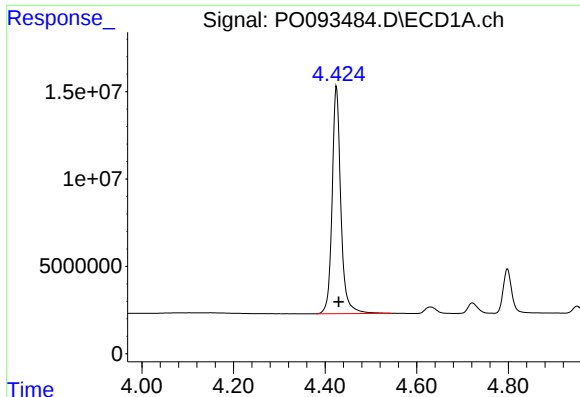
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 17:48:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.807	7.610	25797487	46529106	88.860	333.267 #
43) L9	AR-1268-3	9.043	7.818	2229589	816887	8.735	6.565
44) L9	AR-1268-4	9.479	8.108	38367493	16715848	359.265	338.977
45) L9	AR-1268-5	9.907	8.401	12090944	4929496	15.062	13.960

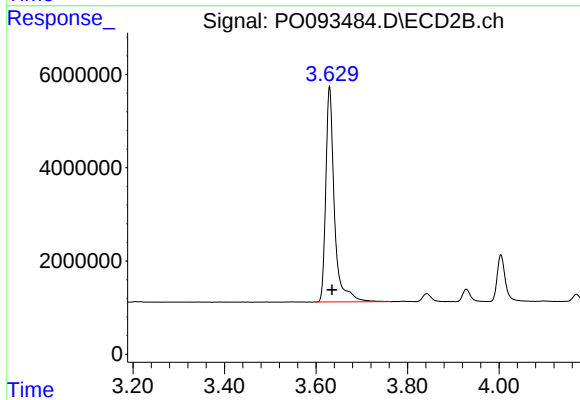
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

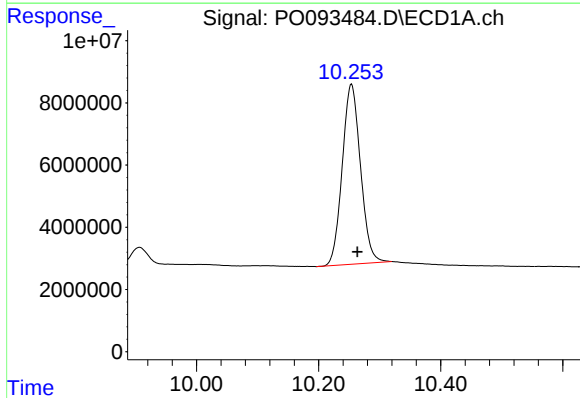
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 172357707
Conc: 55.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



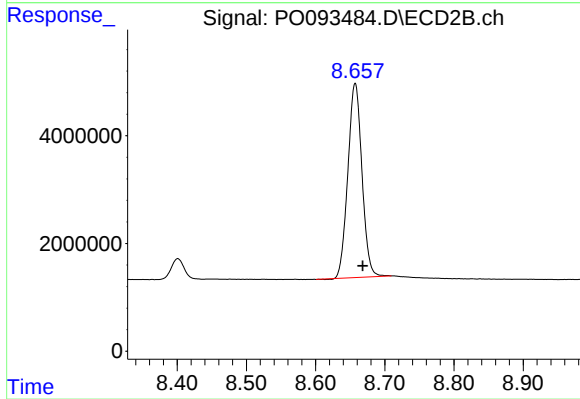
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.005 min
Response: 60707904
Conc: 53.83 ng/ml



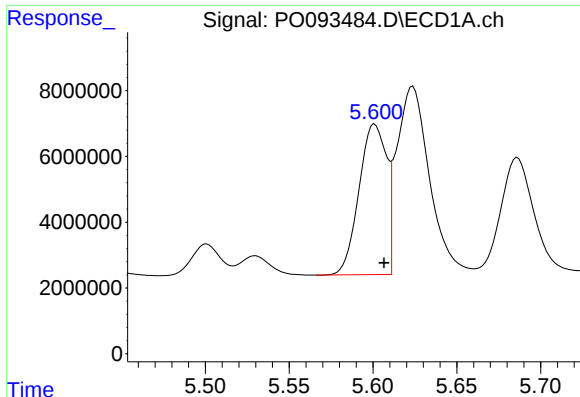
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.009 min
Response: 120208354
Conc: 55.54 ng/ml



#2 Decachlorobiphenyl

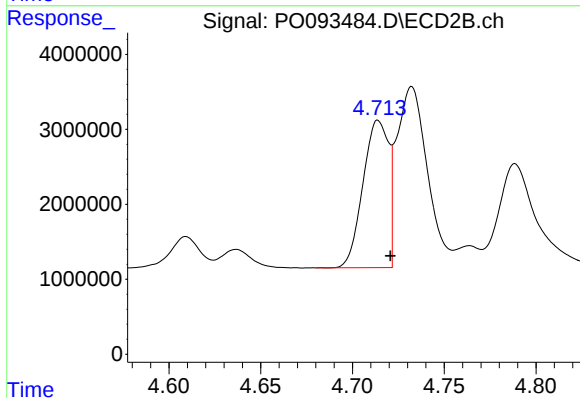
R.T.: 8.657 min
Delta R.T.: -0.011 min
Response: 51002025
Conc: 52.09 ng/ml



#3 AR-1016-1

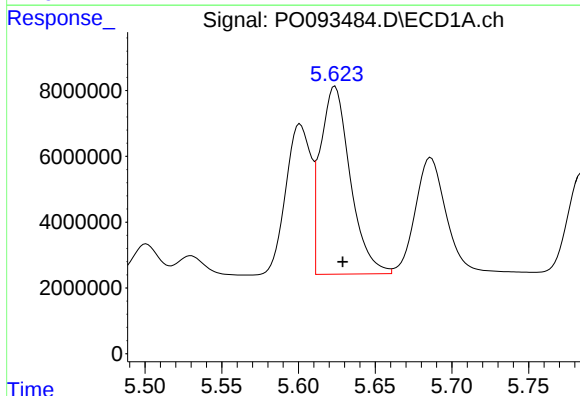
R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 52167452
Conc: 545.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



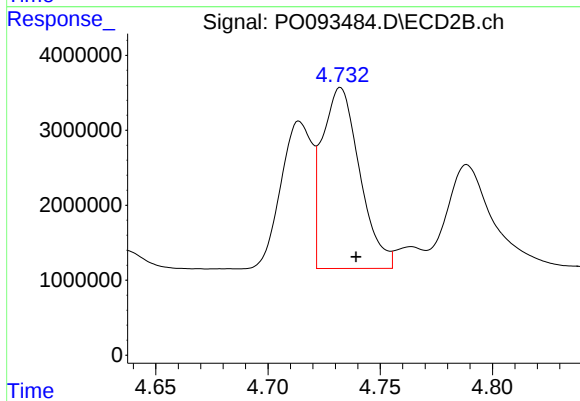
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 19033767
Conc: 531.73 ng/ml



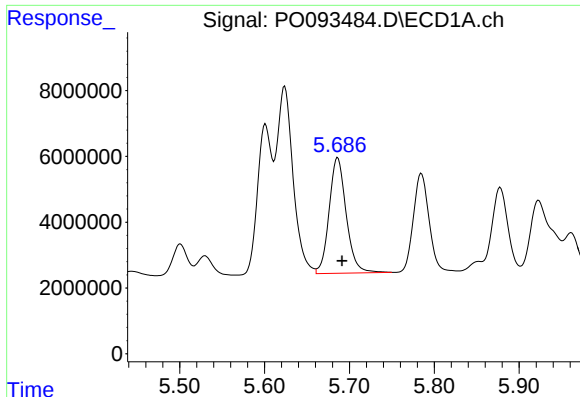
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 77280481
Conc: 541.21 ng/ml



#4 AR-1016-2

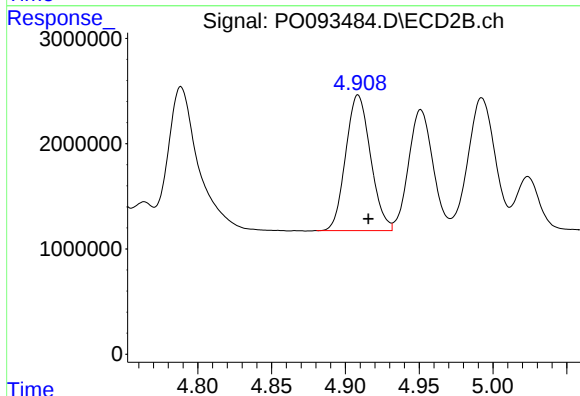
R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 28021667
Conc: 539.96 ng/ml



#5 AR-1016-3

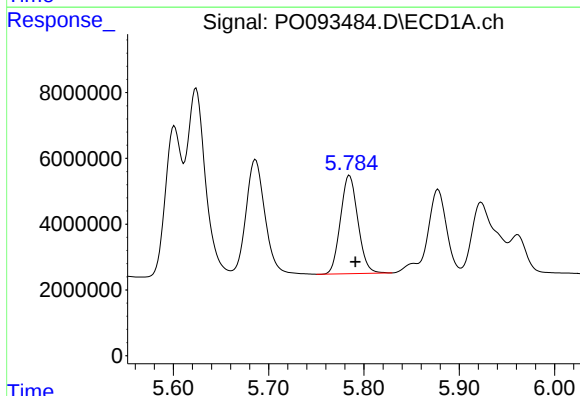
R.T.: 5.686 min
Delta R.T.: -0.005 min
Response: 49190897
Conc: 542.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



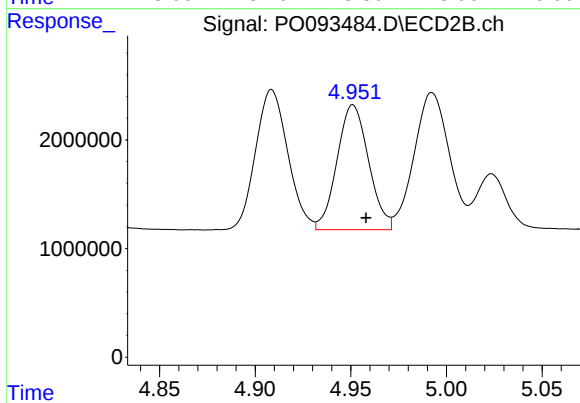
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.007 min
Response: 15118035
Conc: 546.46 ng/ml



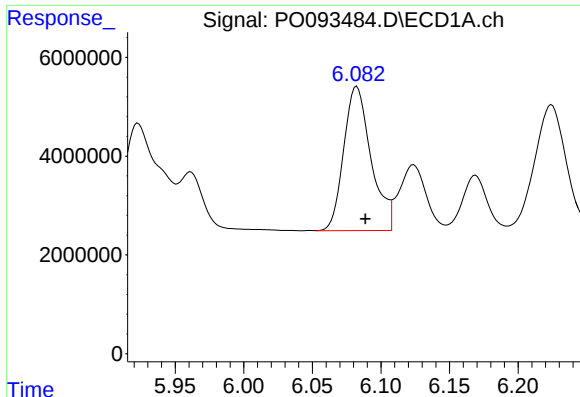
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 37895420
Conc: 559.33 ng/ml



#6 AR-1016-4

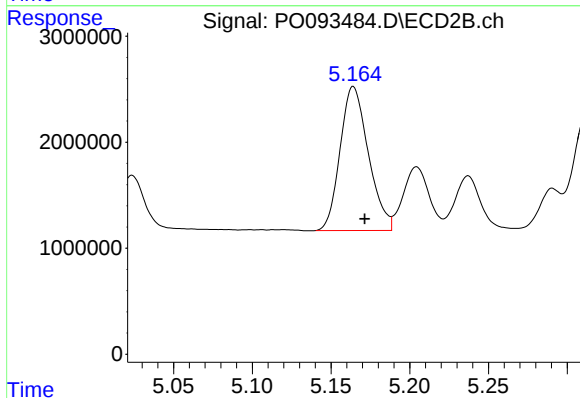
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 13222948
Conc: 531.82 ng/ml



#7 AR-1016-5

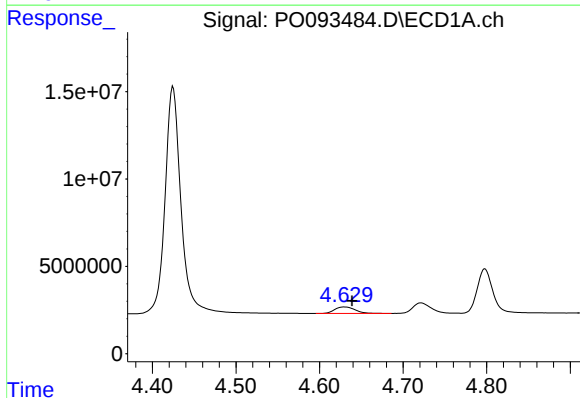
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 40499210
Conc: 540.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



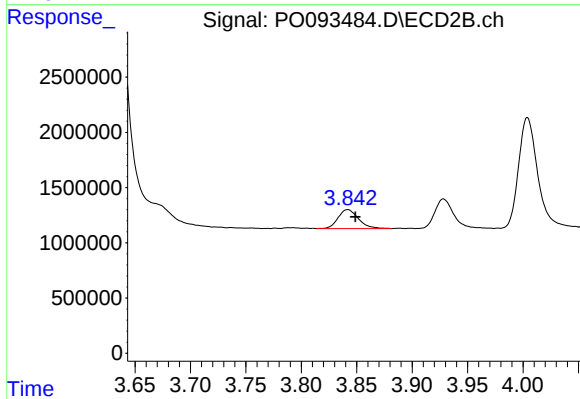
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 16967038
Conc: 536.10 ng/ml



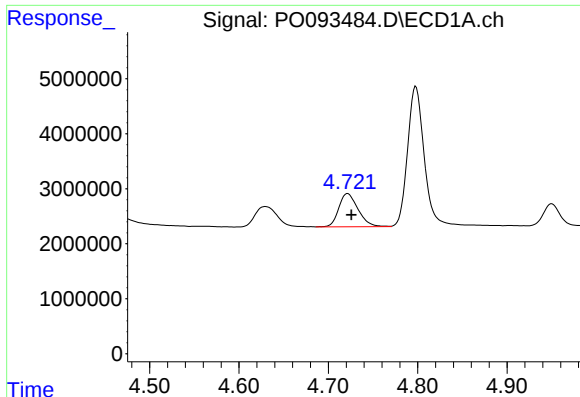
#8 AR-1221-1

R.T.: 4.630 min
Delta R.T.: -0.009 min
Response: 6346807
Conc: 157.01 ng/ml



#8 AR-1221-1

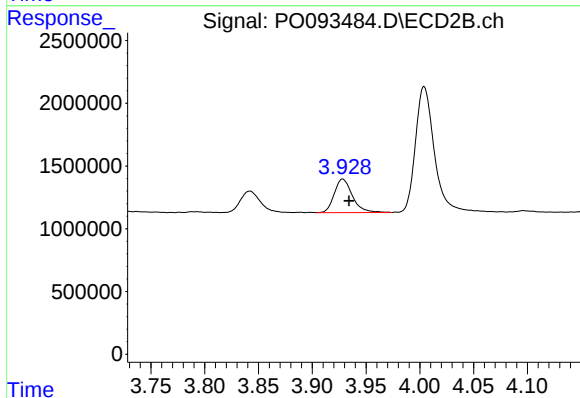
R.T.: 3.842 min
Delta R.T.: -0.007 min
Response: 2187428
Conc: 148.76 ng/ml



#9 AR-1221-2

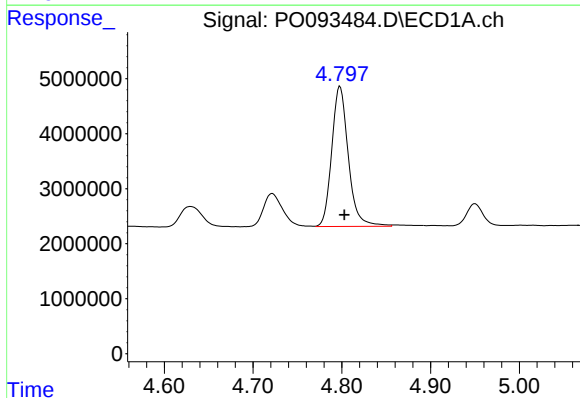
R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 9039748
Conc: 298.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



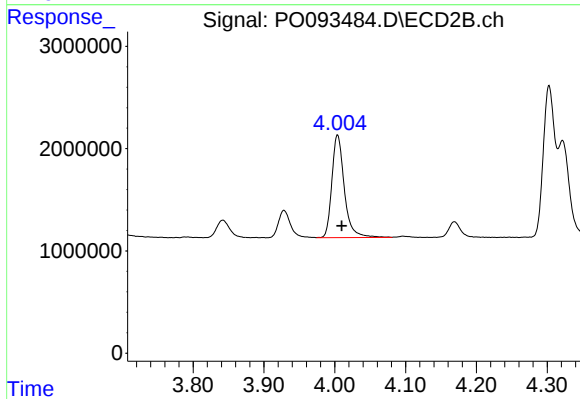
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 3142259
Conc: 287.73 ng/ml



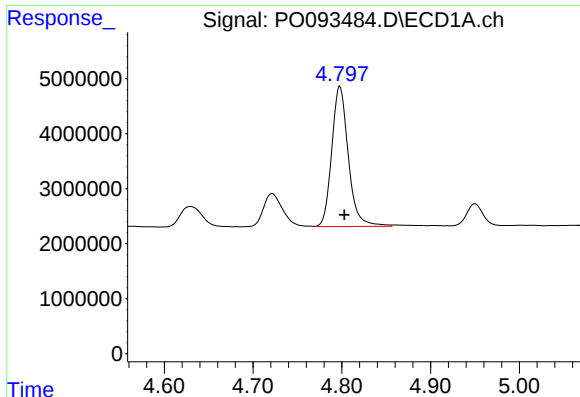
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: -0.005 min
Response: 33032722
Conc: 361.32 ng/ml



#10 AR-1221-3

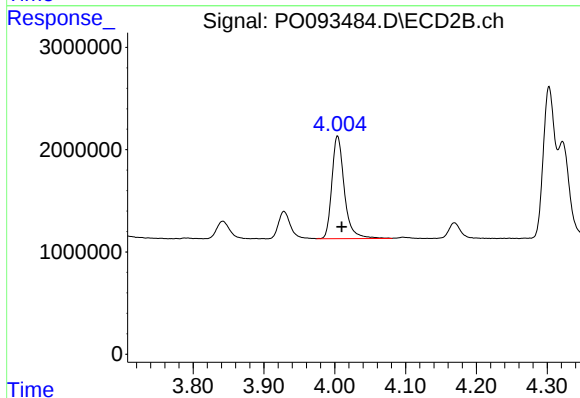
R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 12248691
Conc: 359.54 ng/ml



#11 AR-1232-1

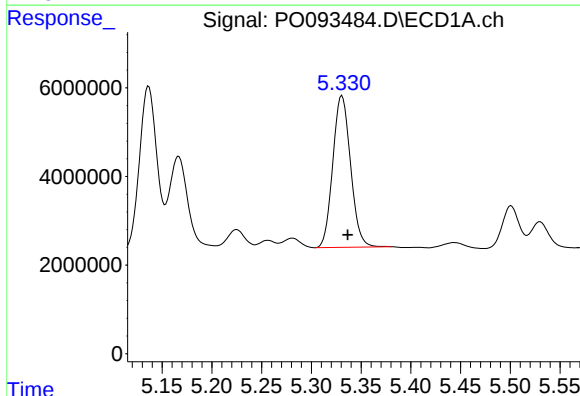
R.T.: 4.798 min
Delta R.T.: -0.005 min
Response: 33032722
Conc: 452.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



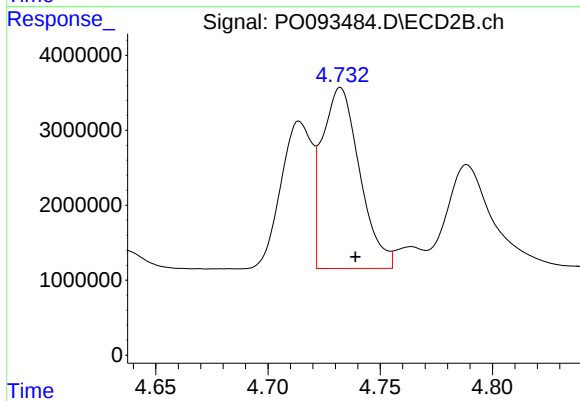
#11 AR-1232-1

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 12248691
Conc: 433.67 ng/ml



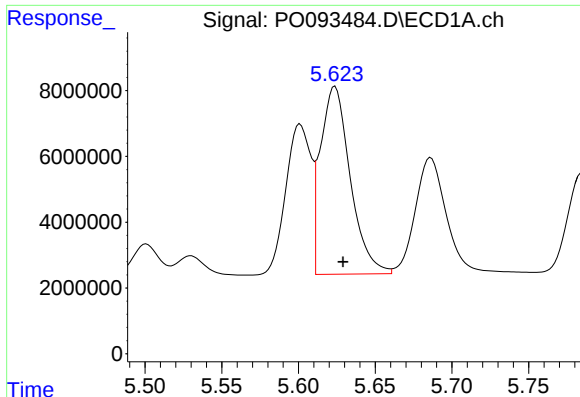
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: -0.006 min
Response: 42505378
Conc: 1182.14 ng/ml



#12 AR-1232-2

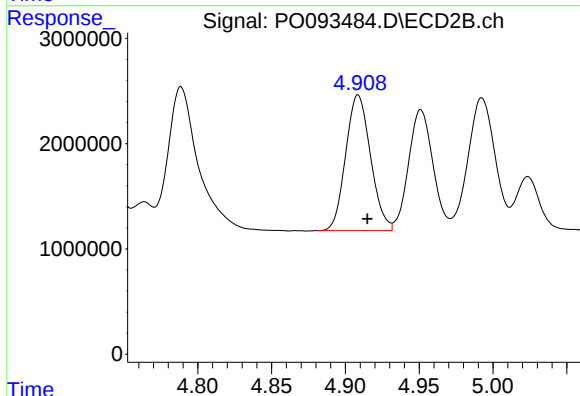
R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 28021667
Conc: 1137.23 ng/ml



#13 AR-1232-3

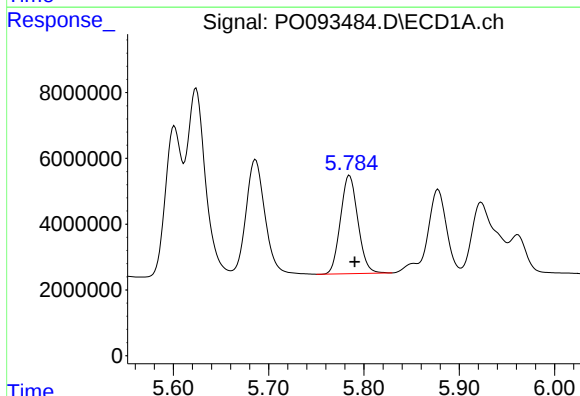
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 77280481
Conc: 1180.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



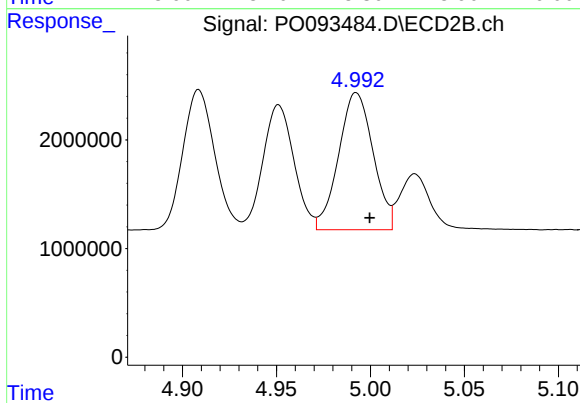
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.006 min
Response: 15118035
Conc: 1194.94 ng/ml



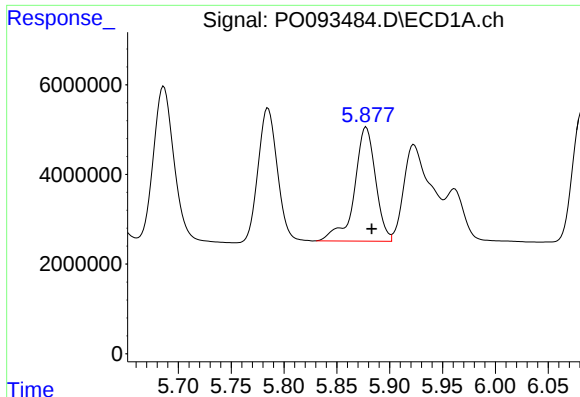
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 37895420
Conc: 1237.73 ng/ml



#14 AR-1232-4

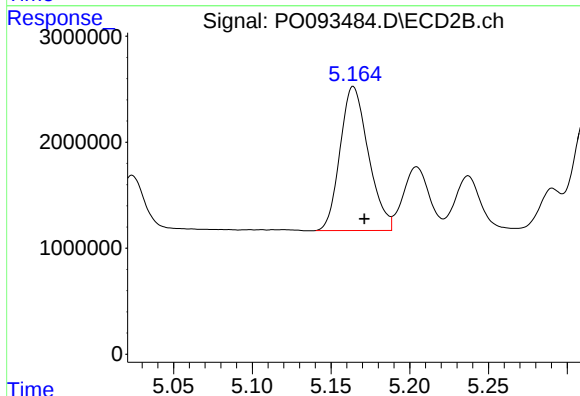
R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 16129273
Conc: 1259.35 ng/ml



#15 AR-1232-5

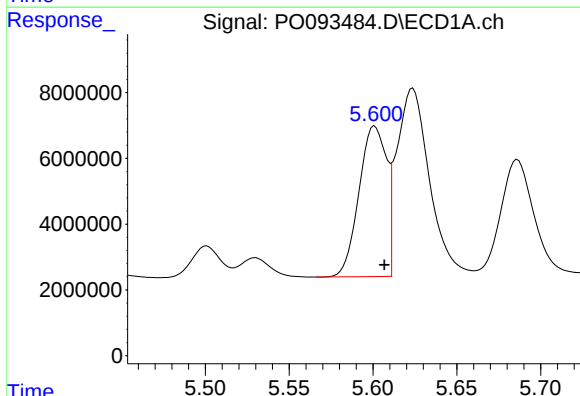
R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 35490895
Conc: 1279.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



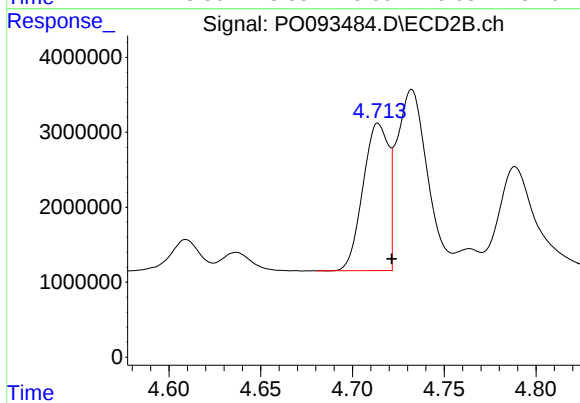
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 16967038
Conc: 1209.85 ng/ml



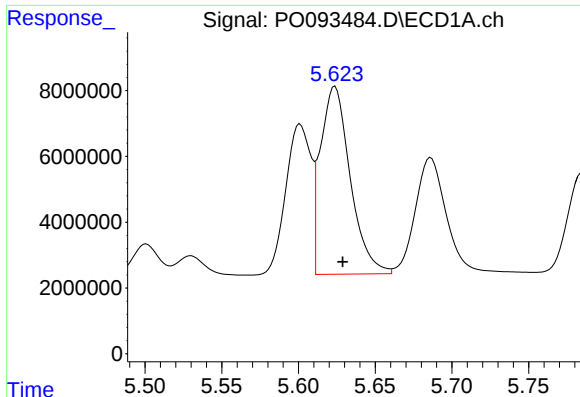
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 52167452
Conc: 636.47 ng/ml



#16 AR-1242-1

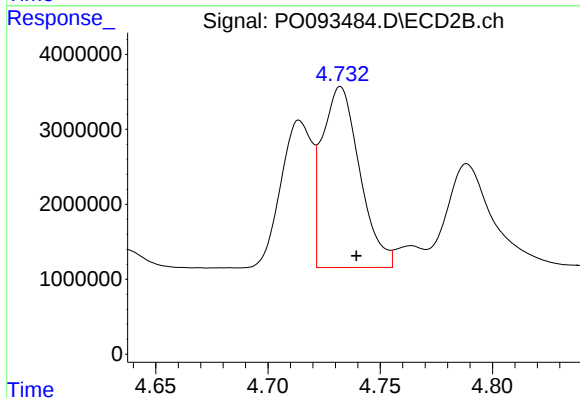
R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 19033767
Conc: 626.38 ng/ml



#17 AR-1242-2

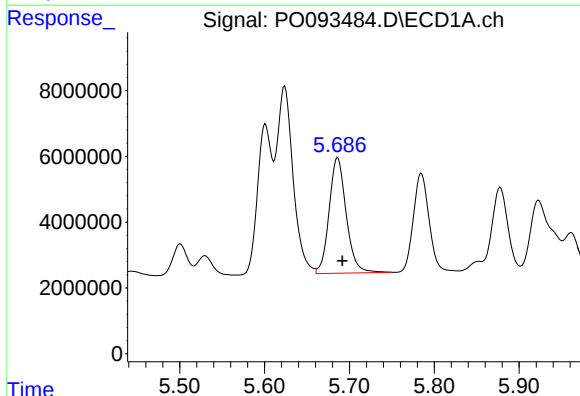
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 77280481
Conc: 643.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



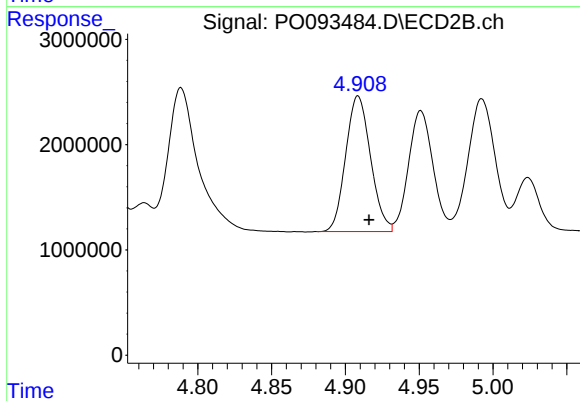
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 28021667
Conc: 631.15 ng/ml



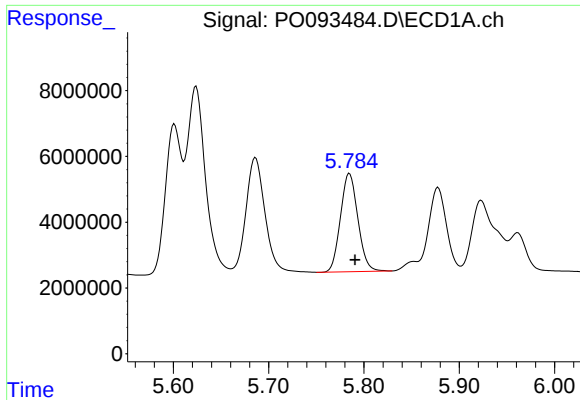
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 49190897
Conc: 640.94 ng/ml



#18 AR-1242-3

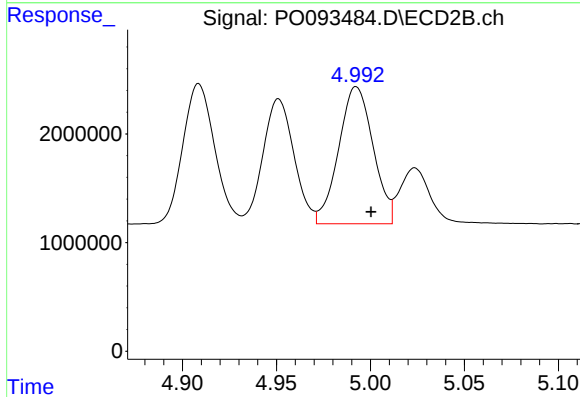
R.T.: 4.909 min
Delta R.T.: -0.007 min
Response: 15118035
Conc: 646.63 ng/ml



#19 AR-1242-4

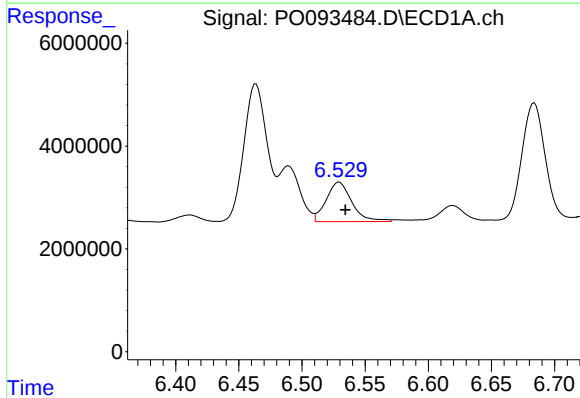
R.T.: 5.785 min
Delta R.T.: -0.006 min
Response: 37895420
Conc: 661.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



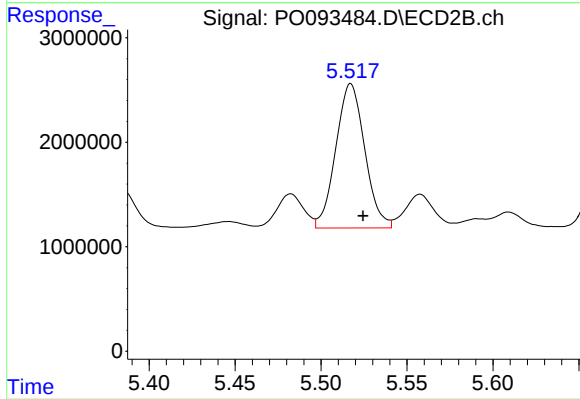
#19 AR-1242-4

R.T.: 4.992 min
Delta R.T.: -0.008 min
Response: 16129273
Conc: 619.16 ng/ml



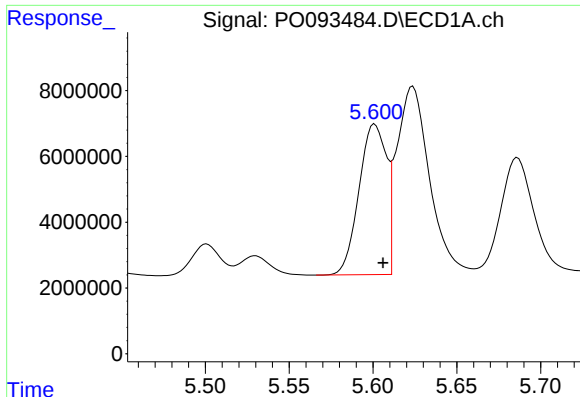
#20 AR-1242-5

R.T.: 6.529 min
Delta R.T.: -0.005 min
Response: 10861487
Conc: 173.81 ng/ml



#20 AR-1242-5

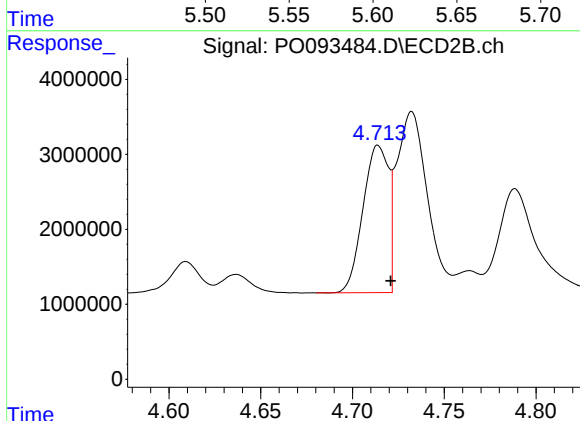
R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 16198635
Conc: 567.04 ng/ml



#21 AR-1248-1

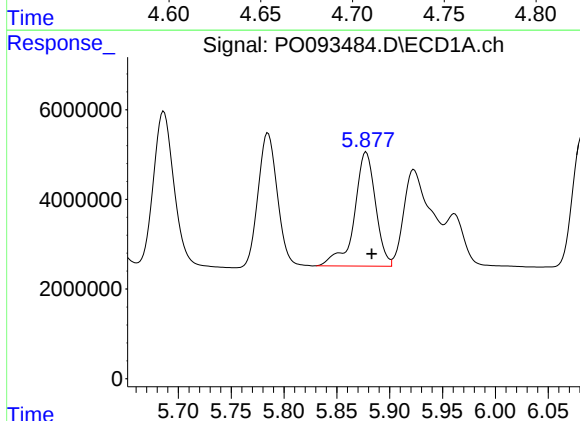
R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 52167452
Conc: 839.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



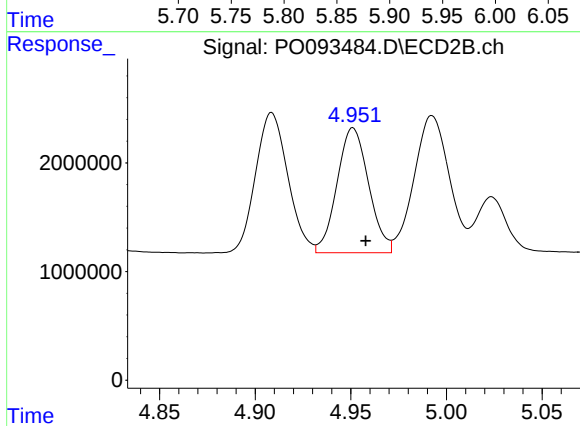
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 19033767
Conc: 817.89 ng/ml



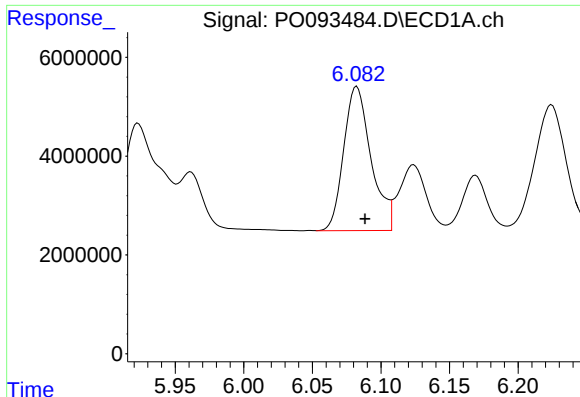
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 35490895
Conc: 371.59 ng/ml



#22 AR-1248-2

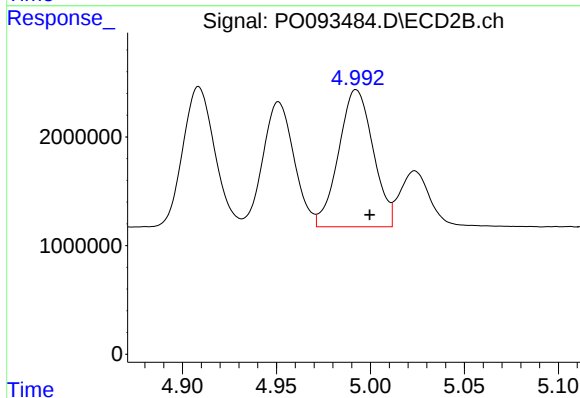
R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 13222948
Conc: 364.87 ng/ml



#23 AR-1248-3

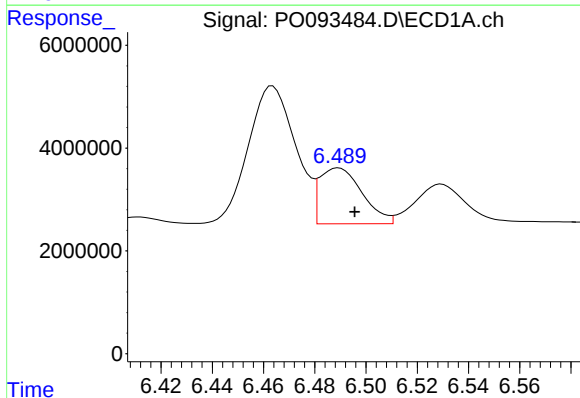
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 40499210
Conc: 389.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



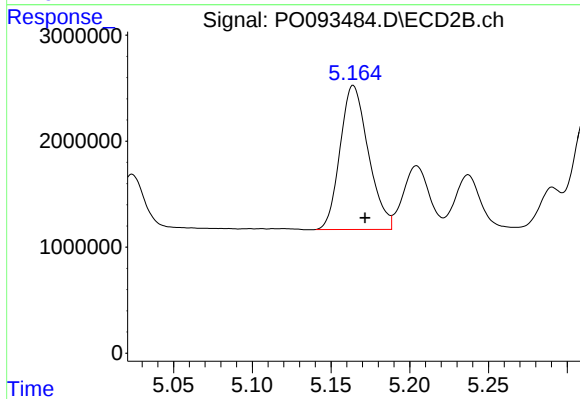
#23 AR-1248-3

R.T.: 4.992 min
Delta R.T.: -0.007 min
Response: 16129273
Conc: 429.81 ng/ml



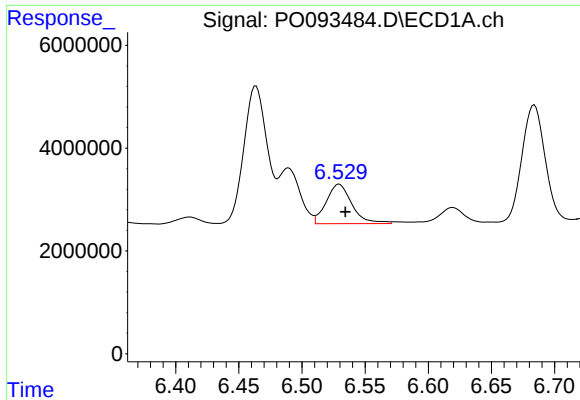
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: -0.006 min
Response: 12526282
Conc: 123.01 ng/ml



#24 AR-1248-4

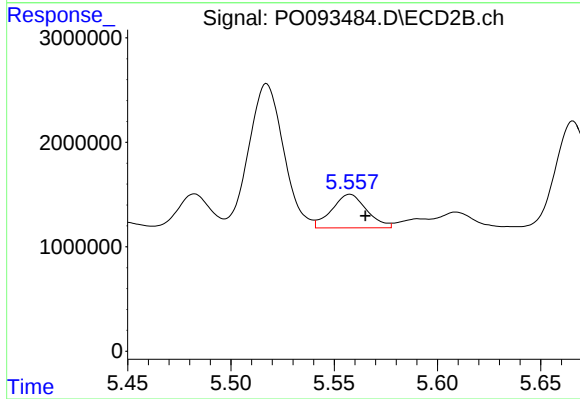
R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 16967038
Conc: 394.39 ng/ml



#25 AR-1248-5

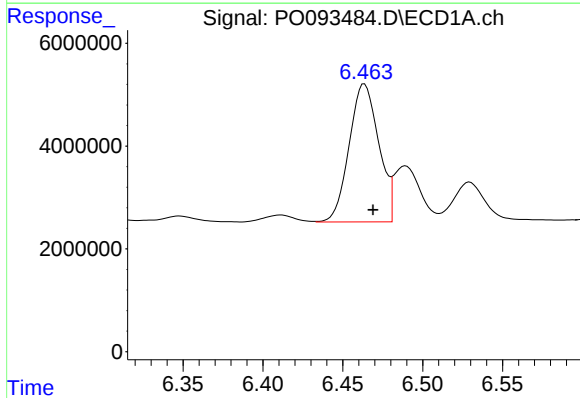
R.T.: 6.529 min
Delta R.T.: -0.005 min
Response: 10861487
Conc: 106.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



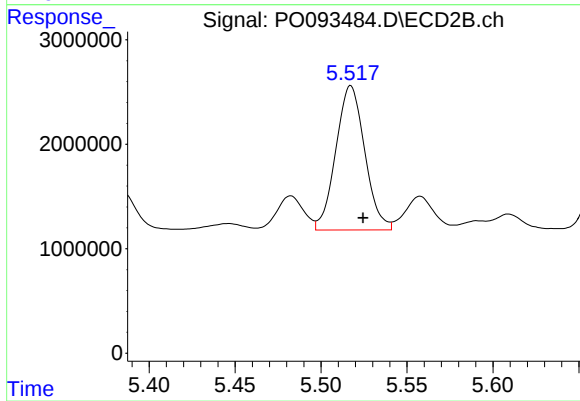
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.007 min
Response: 3789286
Conc: 103.03 ng/ml



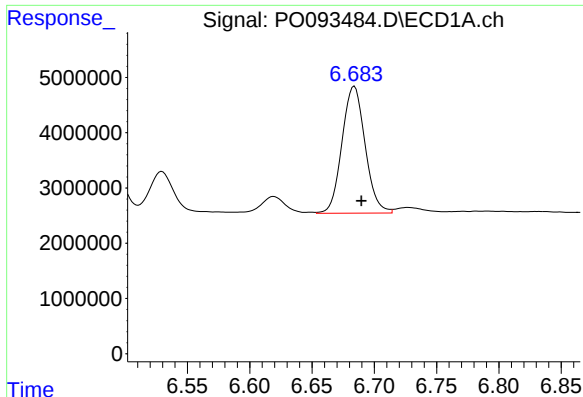
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 34581242
Conc: 295.92 ng/ml



#26 AR-1254-1

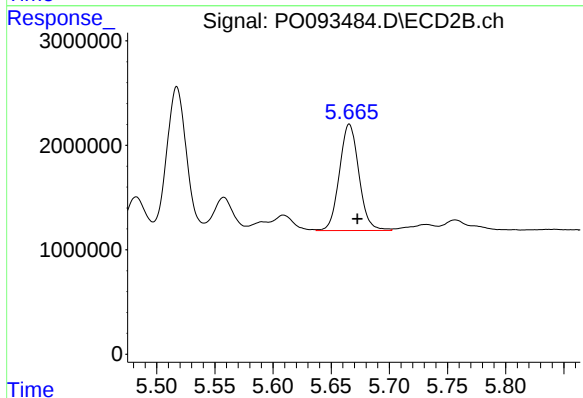
R.T.: 5.517 min
Delta R.T.: -0.007 min
Response: 16198635
Conc: 258.09 ng/ml



#27 AR-1254-2

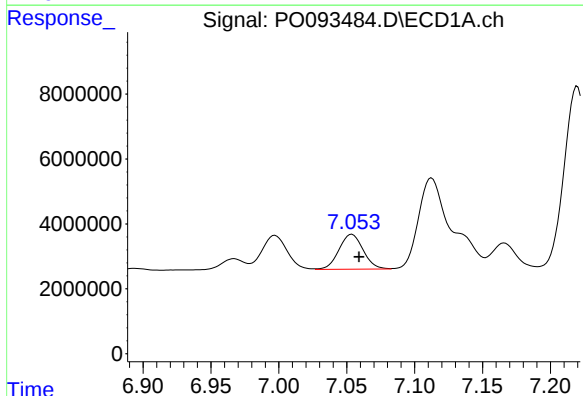
R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 29800724
Conc: 174.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



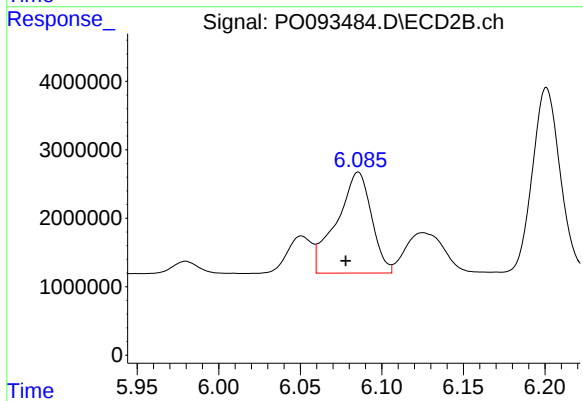
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.007 min
Response: 11868737
Conc: 210.62 ng/ml



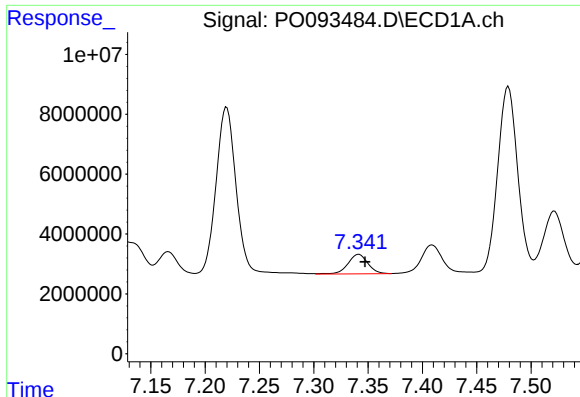
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: -0.005 min
Response: 13380577
Conc: 80.49 ng/ml



#28 AR-1254-3

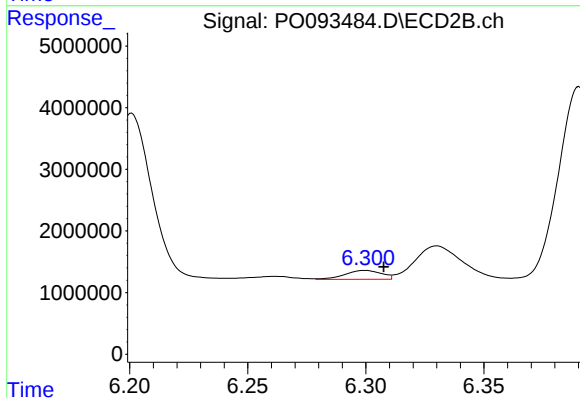
R.T.: 6.086 min
Delta R.T.: 0.008 min
Response: 21895595
Conc: 254.32 ng/ml



#29 AR-1254-4

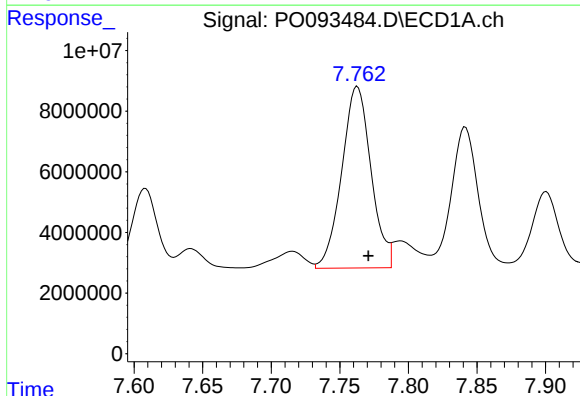
R.T.: 7.341 min
Delta R.T.: -0.006 min
Response: 8268843
Conc: 77.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



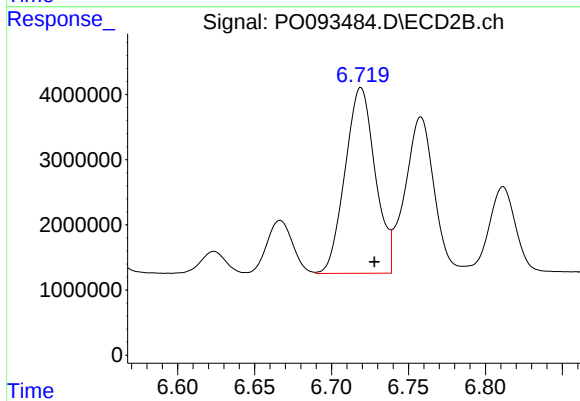
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.008 min
Response: 1556596
Conc: 34.04 ng/ml



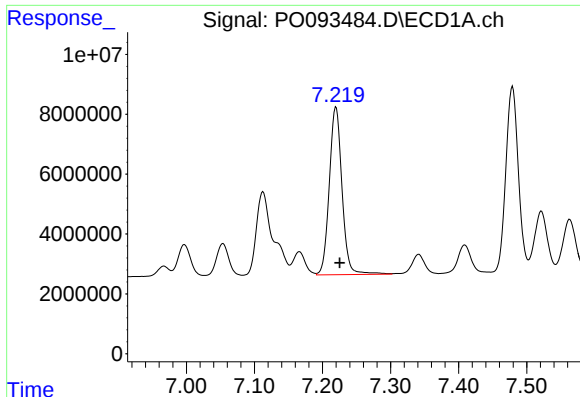
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.008 min
Response: 88975480
Conc: 657.09 ng/ml



#30 AR-1254-5

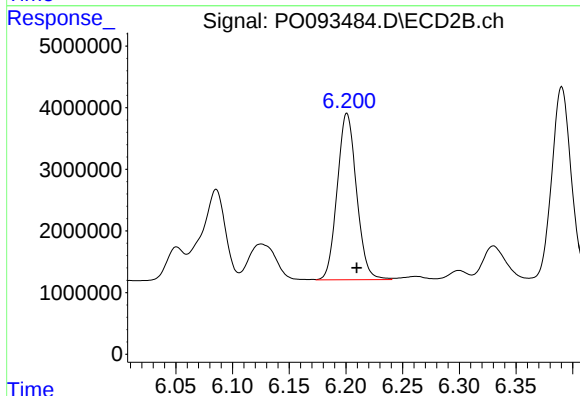
R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 38816387
Conc: 525.60 ng/ml



#31 AR-1260-1

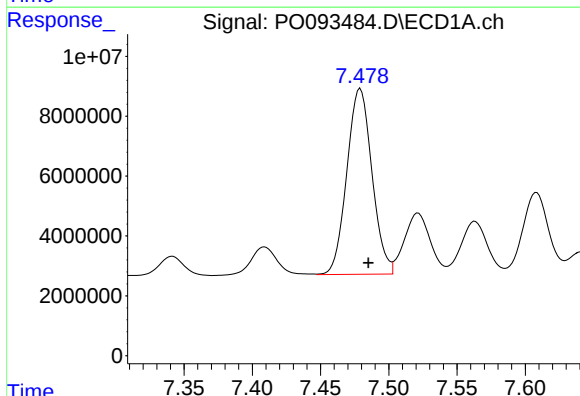
R.T.: 7.220 min
Delta R.T.: -0.006 min
Response: 72682773
Conc: 561.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



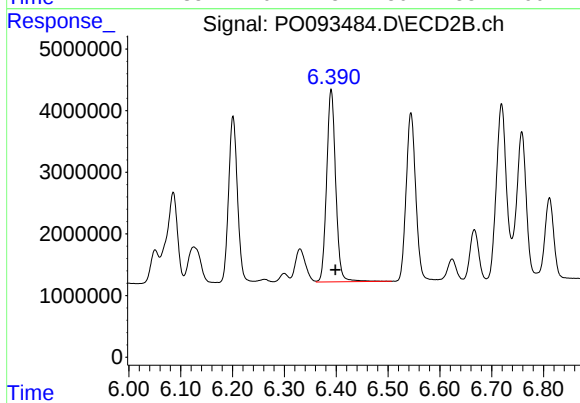
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 32080801
Conc: 527.66 ng/ml



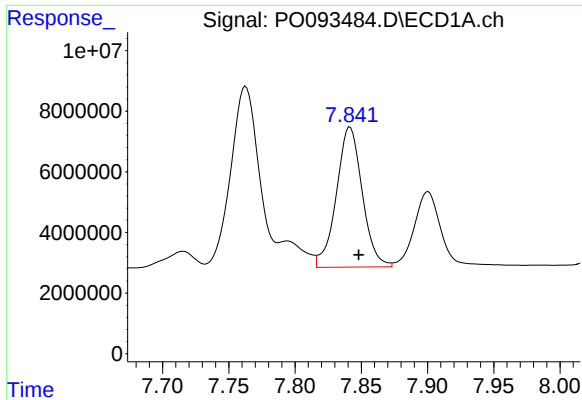
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 79536360
Conc: 538.77 ng/ml



#32 AR-1260-2

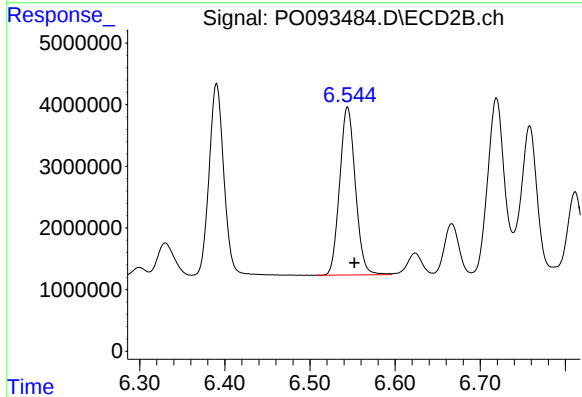
R.T.: 6.390 min
Delta R.T.: -0.008 min
Response: 37883301
Conc: 524.00 ng/ml



#33 AR-1260-3

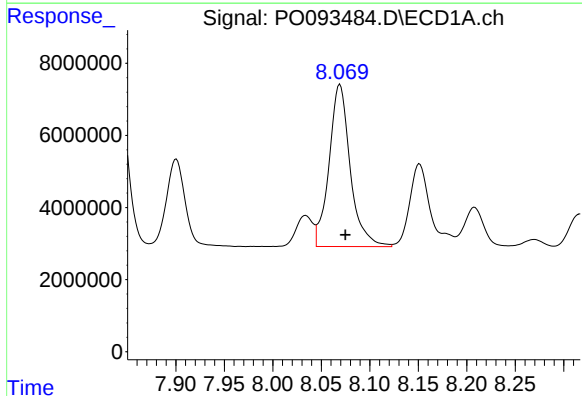
R.T.: 7.842 min
Delta R.T.: -0.007 min
Response: 62773258
Conc: 558.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



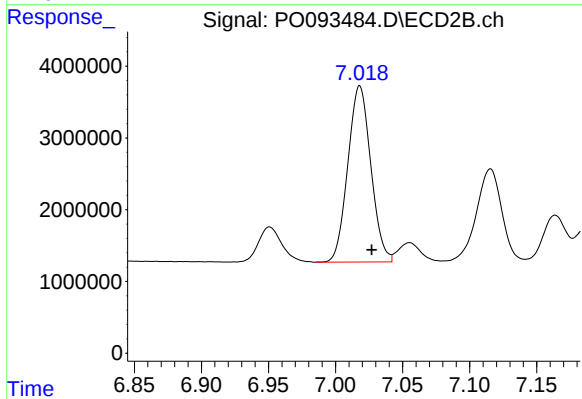
#33 AR-1260-3

R.T.: 6.544 min
Delta R.T.: -0.008 min
Response: 35031703
Conc: 523.89 ng/ml



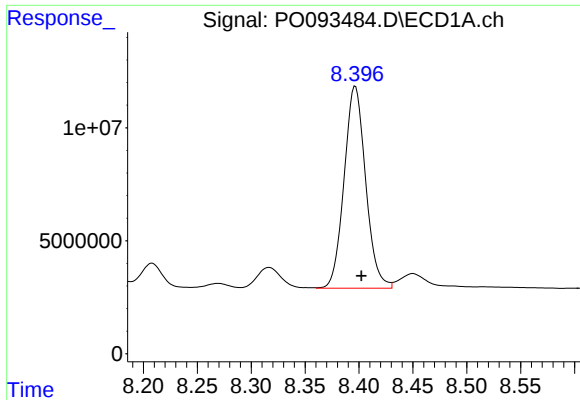
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 68338771
Conc: 532.91 ng/ml



#34 AR-1260-4

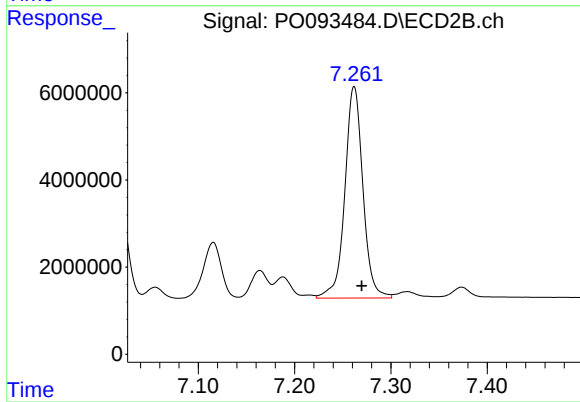
R.T.: 7.018 min
Delta R.T.: -0.009 min
Response: 29221669
Conc: 531.00 ng/ml



#35 AR-1260-5

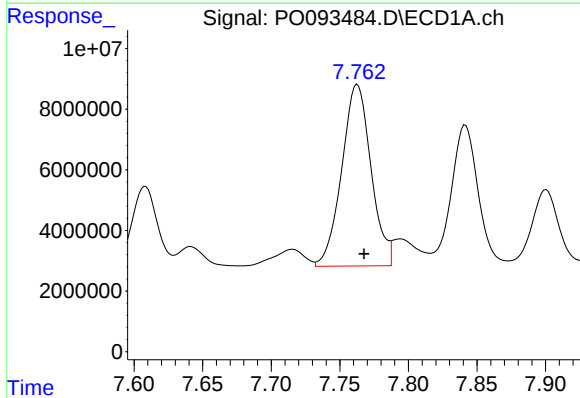
R.T.: 8.397 min
Delta R.T.: -0.006 min
Response: 124251905
Conc: 556.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



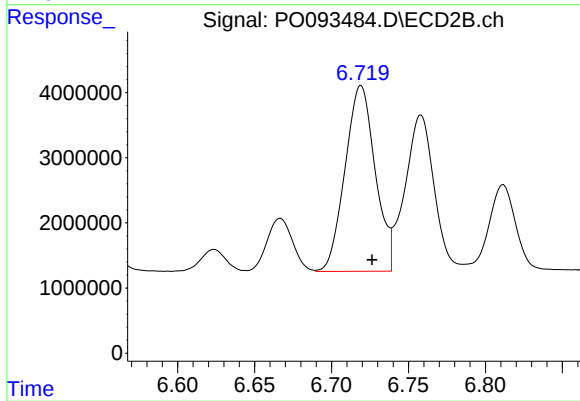
#35 AR-1260-5

R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 63067679
Conc: 535.69 ng/ml



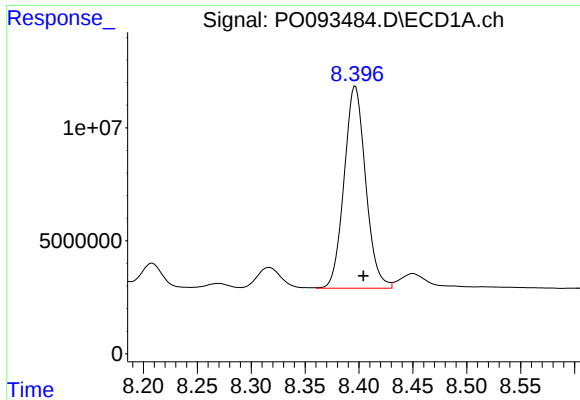
#36 AR-1262-1

R.T.: 7.763 min
Delta R.T.: -0.005 min
Response: 88975480
Conc: 895.09 ng/ml



#36 AR-1262-1

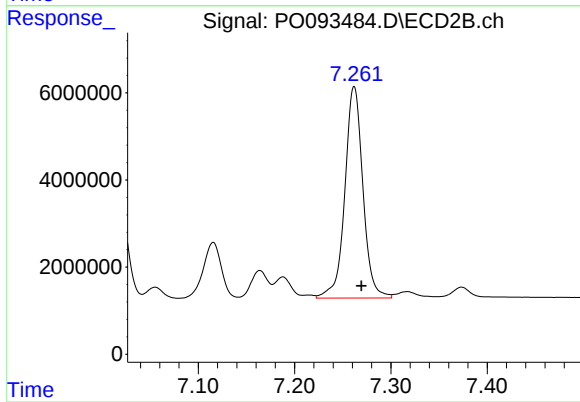
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 38816387
Conc: 1038.74 ng/ml



#37 AR-1262-2

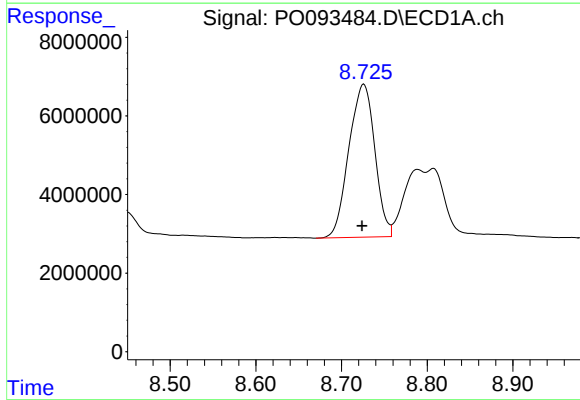
R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 124251905
Conc: 523.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



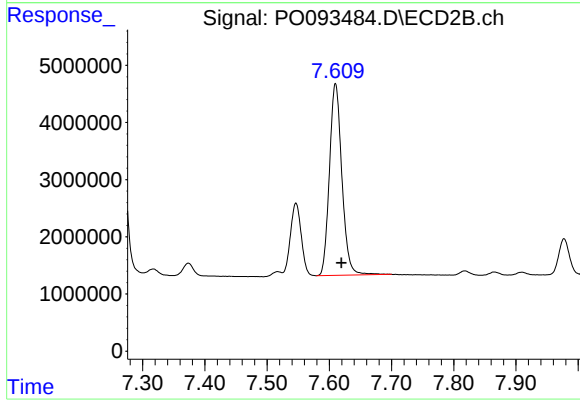
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: -0.008 min
Response: 63067679
Conc: 529.61 ng/ml



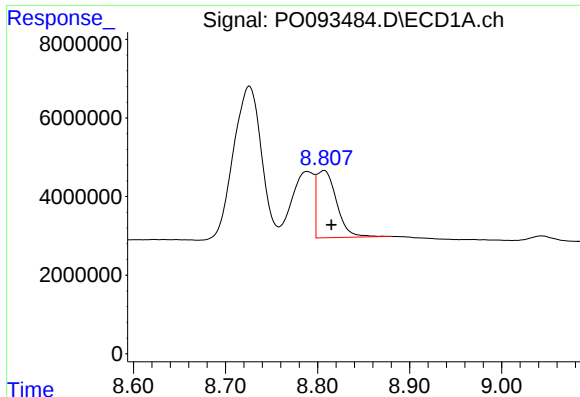
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 81936611
Conc: 485.17 ng/ml



#38 AR-1262-3

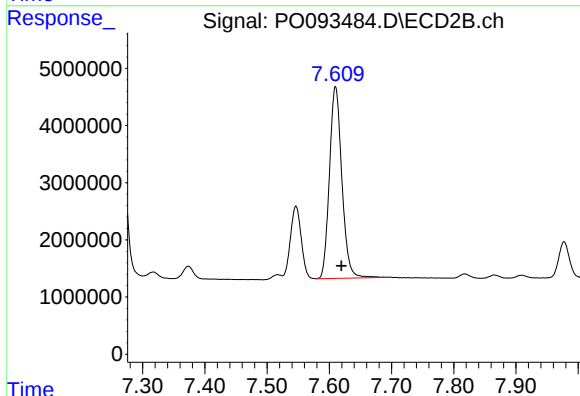
R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 46529106
Conc: 514.79 ng/ml



#39 AR-1262-4

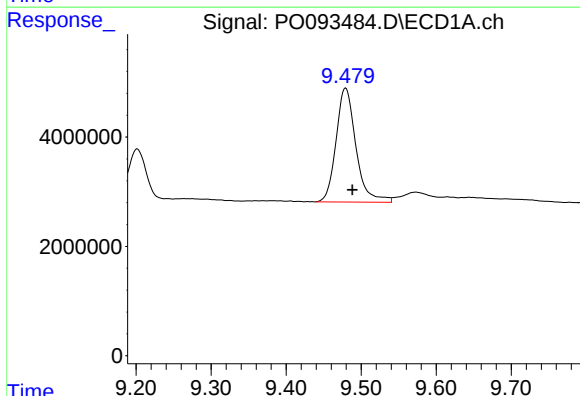
R.T.: 8.807 min
Delta R.T.: -0.008 min
Response: 25797487
Conc: 288.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



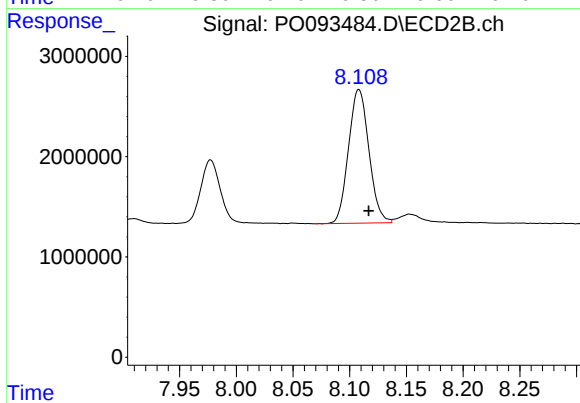
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 46529106
Conc: 514.79 ng/ml



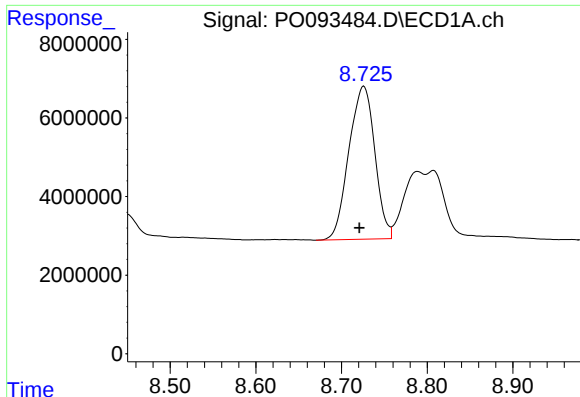
#40 AR-1262-5

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 38367493
Conc: 401.71 ng/ml



#40 AR-1262-5

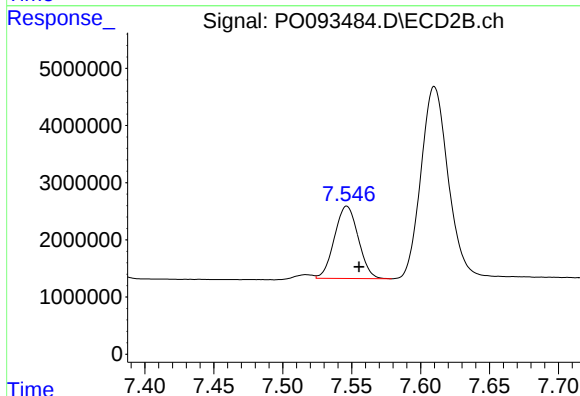
R.T.: 8.108 min
Delta R.T.: -0.009 min
Response: 16715848
Conc: 408.45 ng/ml



#41 AR-1268-1

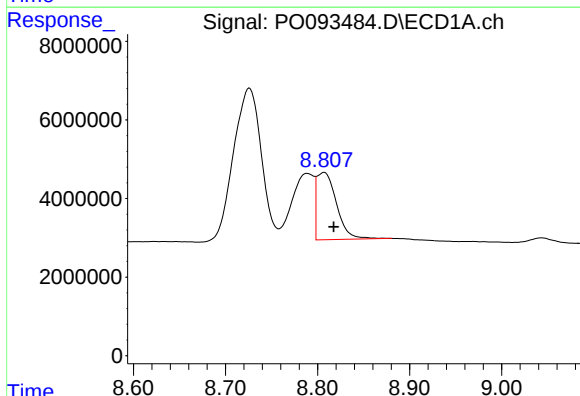
R.T.: 8.726 min
Delta R.T.: 0.005 min
Response: 81936611
Conc: 256.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



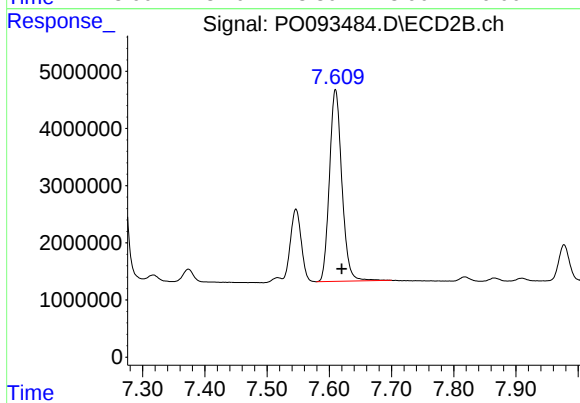
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.009 min
Response: 15235455
Conc: 97.35 ng/ml



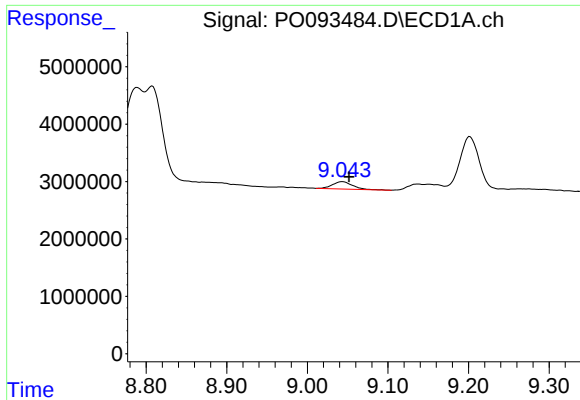
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.011 min
Response: 25797487
Conc: 88.86 ng/ml



#42 AR-1268-2

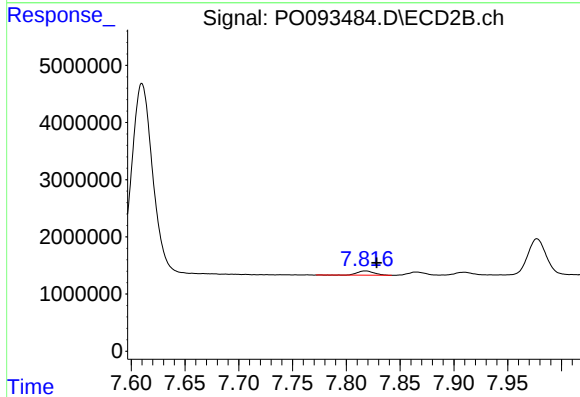
R.T.: 7.610 min
Delta R.T.: -0.010 min
Response: 46529106
Conc: 333.27 ng/ml



#43 AR-1268-3

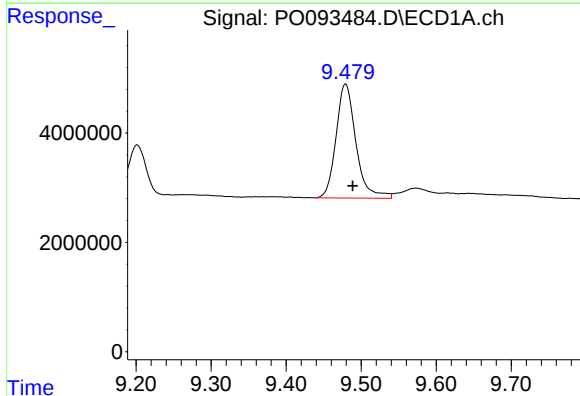
R.T.: 9.043 min
Delta R.T.: -0.009 min
Response: 2229589
Conc: 8.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



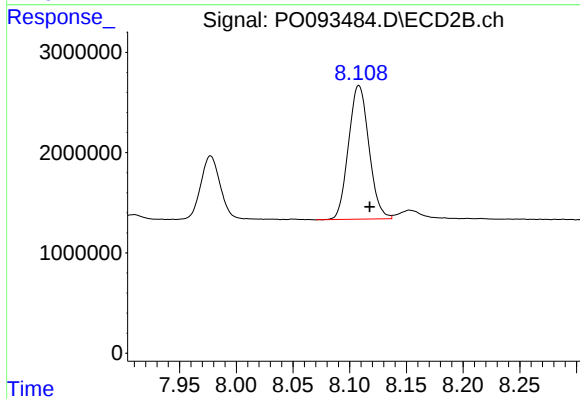
#43 AR-1268-3

R.T.: 7.818 min
Delta R.T.: -0.011 min
Response: 816887
Conc: 6.56 ng/ml



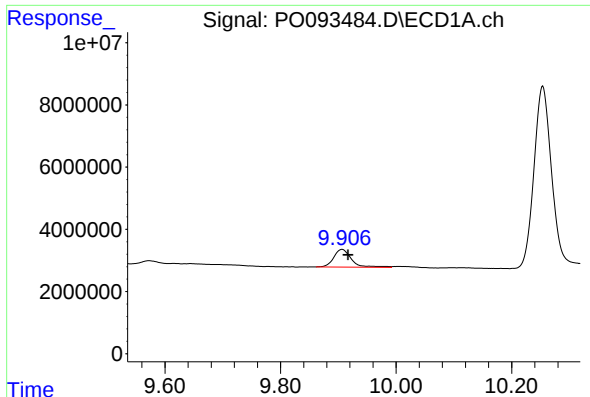
#44 AR-1268-4

R.T.: 9.479 min
Delta R.T.: -0.009 min
Response: 38367493
Conc: 359.27 ng/ml



#44 AR-1268-4

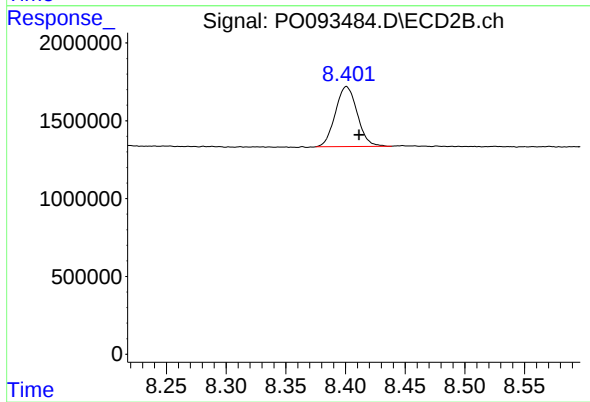
R.T.: 8.108 min
Delta R.T.: -0.010 min
Response: 16715848
Conc: 338.98 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.010 min
Response: 12090944
Conc: 15.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.401 min
Delta R.T.: -0.011 min
Response: 4929496
Conc: 13.96 ng/ml