

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0033123\
 Data File : P0093703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 22:42
 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: Apr 01 04:56:46 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...	4.424	3.630	155.6E6	53865920	49.678	47.759
2)	SA Decachlor...	10.252	8.653	105.4E6	43128237	48.693	44.047
Target Compounds							
3)	L1 AR-1016-1	5.600	4.713	43478809	17148044	455.028	479.053
4)	L1 AR-1016-2	5.622	4.731	64254864	25238865	449.989	486.334
5)	L1 AR-1016-3	5.685	4.907	40239032	13477435	443.485	487.160
6)	L1 AR-1016-4	5.784	4.950	30643833	12033282	452.299	483.968
7)	L1 AR-1016-5	6.081	5.162	33693776	14859563	450.017	469.514
8)	L2 AR-1221-1	4.629	3.841	5522279	1887304	136.614	128.348
9)	L2 AR-1221-2	4.721	3.928	7987479	2731013	263.571	250.077
10)	L2 AR-1221-3	4.797	4.003	28921856	10204243	316.357	299.532
11)	L3 AR-1232-1	4.797	4.003	28921856	10204243	396.142	361.287
12)	L3 AR-1232-2	5.330	4.731	36277379	25238865	1008.928	1024.293
13)	L3 AR-1232-3	5.622	4.907	64254864	13477435	981.517	1065.262
14)	L3 AR-1232-4	5.784	4.991	30643833	14706032	1000.880	1148.223
15)	L3 AR-1232-5	5.876	5.162	29737835	14859563	1071.687	1059.572
16)	L4 AR-1242-1	5.600	4.713	43478809	17148044	530.467	564.327
17)	L4 AR-1242-2	5.622	4.731	64254864	25238865	535.354	568.471
18)	L4 AR-1242-3	5.685	4.907	40239032	13477435	524.299	576.460
19)	L4 AR-1242-4	5.784	4.991	30643833	14706032	534.708	564.529
20)	L4 AR-1242-5	6.528	5.515	7050350	11879511	112.824	415.846 #
21)	L5 AR-1248-1	5.600	4.713	43478809	17148044	699.422	736.863
22)	L5 AR-1248-2	5.876	4.950	29737835	12033282	311.359	332.039
23)	L5 AR-1248-3	6.081	4.991	33693776	14706032	323.795	391.883
24)	L5 AR-1248-4	6.528	5.162	7050350	14859563	69.236	345.399 #
25)	L5 AR-1248-5	6.528	5.555	7050350	1750518	68.878	47.598 #
26)	L6 AR-1254-1	6.462	5.515	33739577	11879511	288.717	189.274 #
27)	L6 AR-1254-2	6.682	5.663	28176154	11391088	164.900	202.143
28)	L6 AR-1254-3	7.052	6.083	13055756	19297467	78.537	224.144 #
29)	L6 AR-1254-4	7.340	6.297	8086064	1970331	75.855	43.085 #
30)	L6 AR-1254-5	7.762	6.716	75527383	35149397	557.773	475.944
31)	L7 AR-1260-1	7.218	6.198	57864198	27450110	446.646	451.493
32)	L7 AR-1260-2	7.477	6.387	63836035	32251351	432.420	446.097
33)	L7 AR-1260-3	7.840	6.541	43245971	29605730	384.474	442.745
34)	L7 AR-1260-4	8.067	7.015	50258937	21538637	391.919	391.387
35)	L7 AR-1260-5	8.395	7.258	90789817	46921822	406.336	398.552
36)	L8 AR-1262-1	7.762	6.716	75527383	35149397	759.805	940.614
37)	L8 AR-1262-2	8.395	7.258	90789817	46921822	382.551	394.026
38)	L8 AR-1262-3	8.726	7.607	61185029	34158732	362.294	377.924
39)	L8 AR-1262-4	8.804	7.607	15220013	34158732	169.938	377.924 #
40)	L8 AR-1262-5	9.478	8.105	24529324	10530736	256.825	257.320
41)	L9 AR-1268-1	8.726	7.543	61185029	9289614	191.606	59.360 #

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 ALS Vial : 3 Sample Multiplier: 1

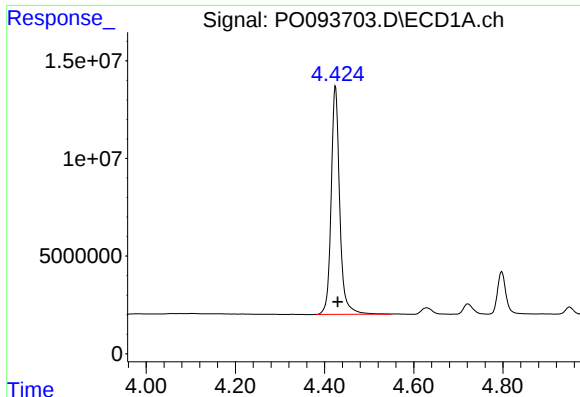
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 04:56:46 2023
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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	8.804	7.607	15220013	34158732	52.426	244.664 #
43) L9	AR-1268-3	9.042	7.815	1939421	890875	7.598	7.159
44) L9	AR-1268-4	9.478	8.105	24529324	10530736	229.688	213.550
45) L9	AR-1268-5	9.903	8.398	8211406	3349392	10.229	9.485

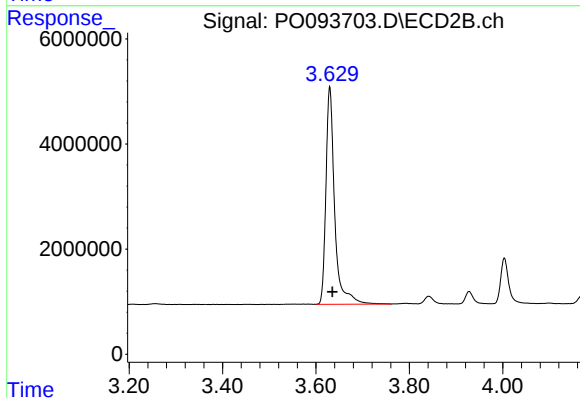
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

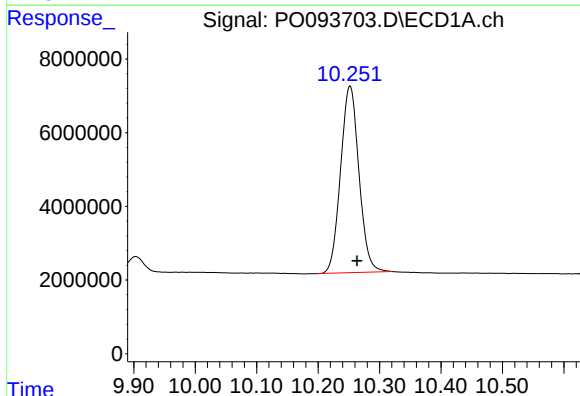
R.T.: 4.424 min
Delta R.T.: -0.006 min
Response: 155566669
Conc: 49.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



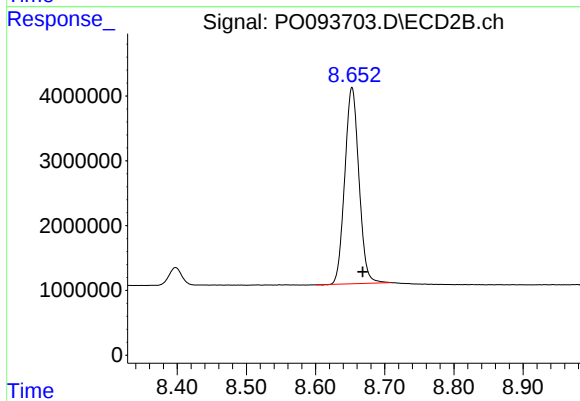
#1 Tetrachloro-m-xylene

R.T.: 3.630 min
Delta R.T.: -0.005 min
Response: 53865920
Conc: 47.76 ng/ml



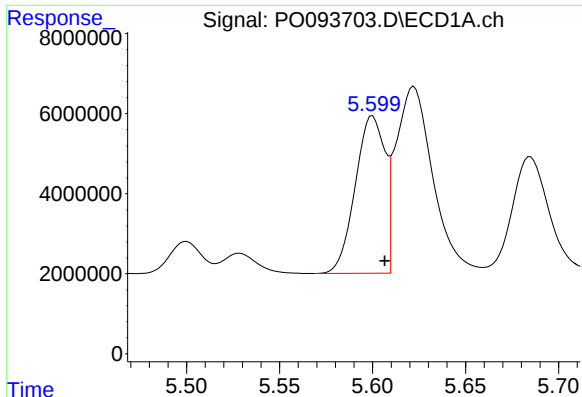
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.011 min
Response: 105386639
Conc: 48.69 ng/ml



#2 Decachlorobiphenyl

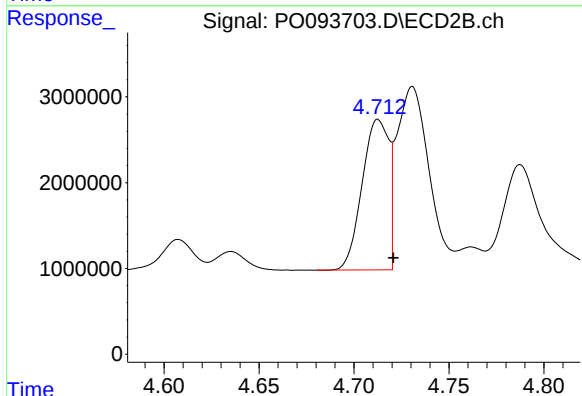
R.T.: 8.653 min
Delta R.T.: -0.015 min
Response: 43128237
Conc: 44.05 ng/ml



#3 AR-1016-1

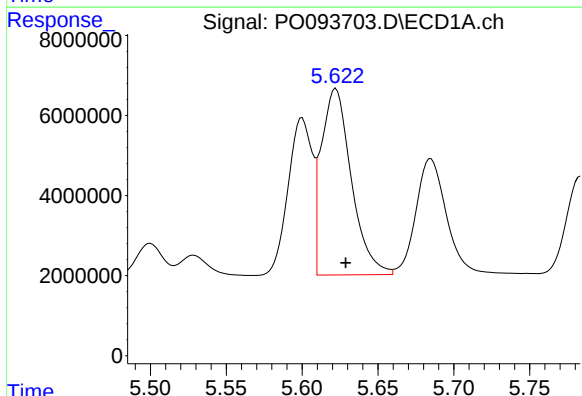
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 43478809
Conc: 455.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



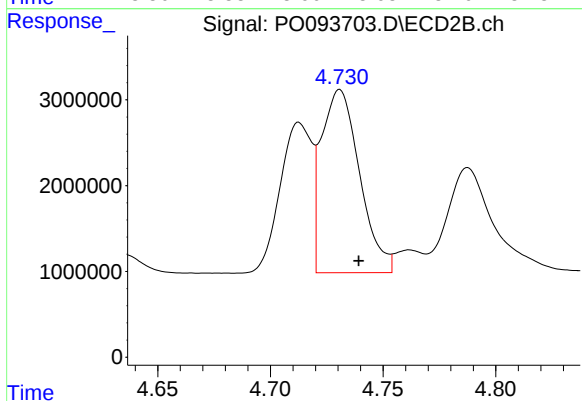
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: -0.008 min
Response: 17148044
Conc: 479.05 ng/ml



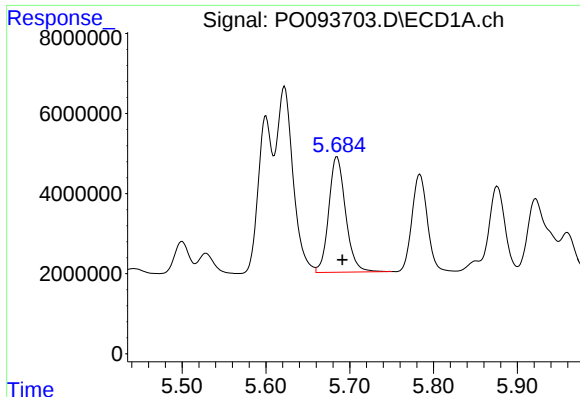
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 64254864
Conc: 449.99 ng/ml



#4 AR-1016-2

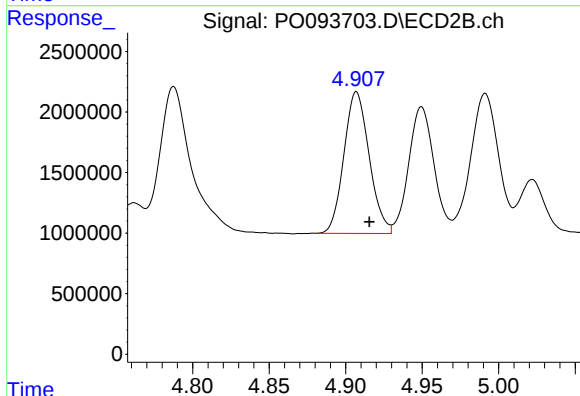
R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 25238865
Conc: 486.33 ng/ml



#5 AR-1016-3

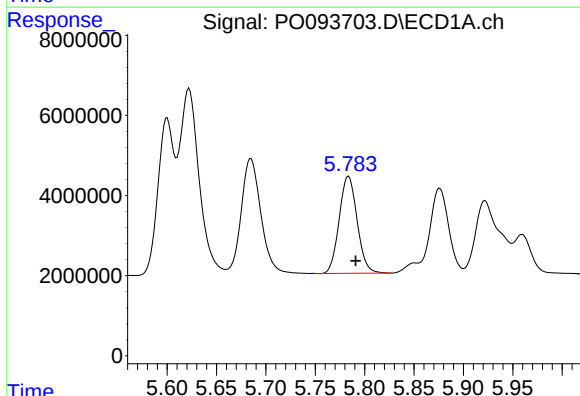
R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 40239032
Conc: 443.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



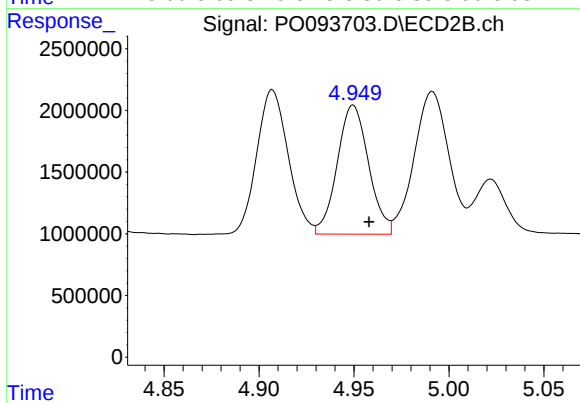
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 13477435
Conc: 487.16 ng/ml



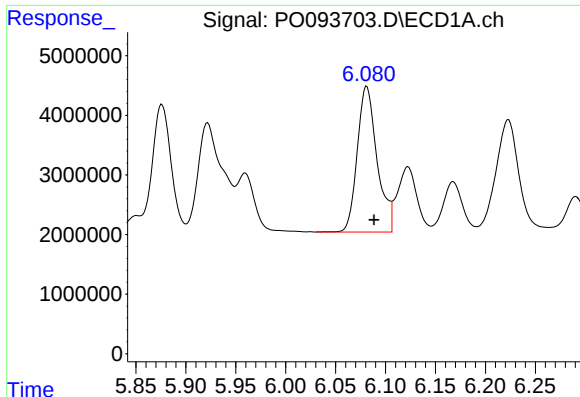
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 30643833
Conc: 452.30 ng/ml



#6 AR-1016-4

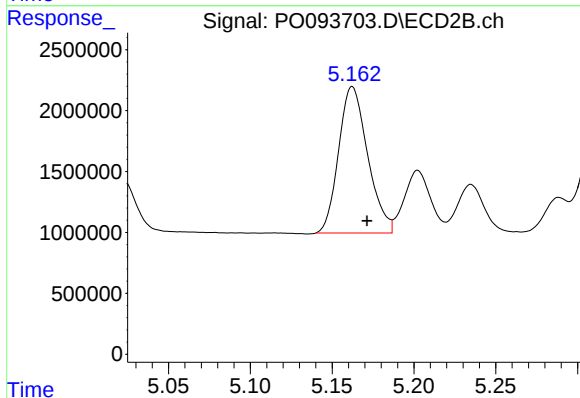
R.T.: 4.950 min
Delta R.T.: -0.008 min
Response: 12033282
Conc: 483.97 ng/ml



#7 AR-1016-5

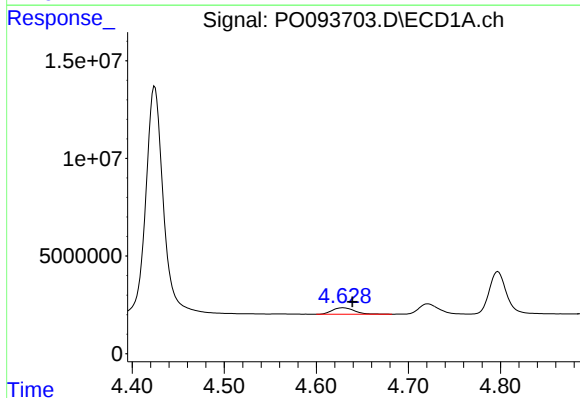
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 33693776
Conc: 450.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



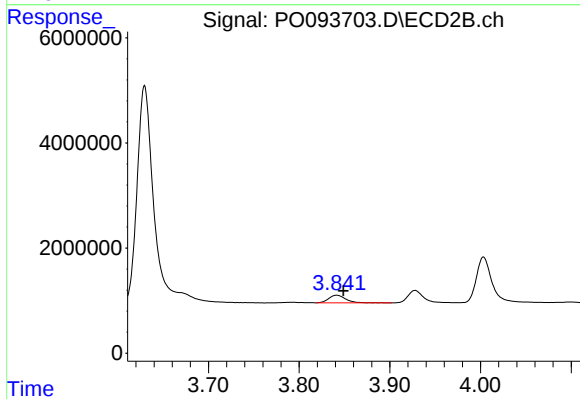
#7 AR-1016-5

R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 14859563
Conc: 469.51 ng/ml



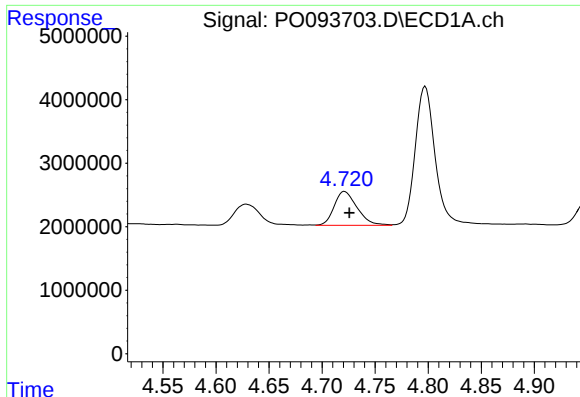
#8 AR-1221-1

R.T.: 4.629 min
Delta R.T.: -0.010 min
Response: 5522279
Conc: 136.61 ng/ml



#8 AR-1221-1

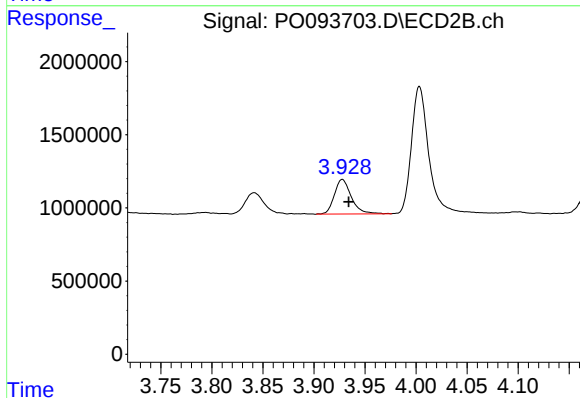
R.T.: 3.841 min
Delta R.T.: -0.007 min
Response: 1887304
Conc: 128.35 ng/ml



#9 AR-1221-2

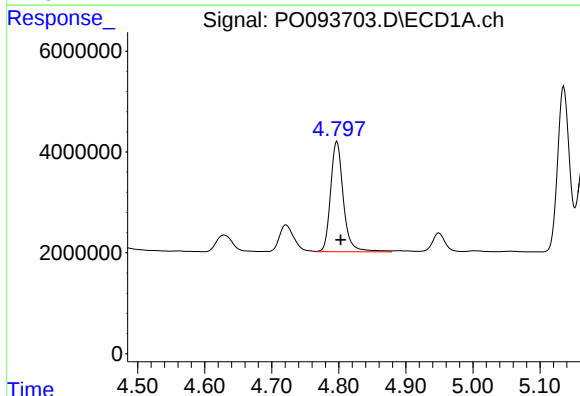
R.T.: 4.721 min
Delta R.T.: -0.005 min
Response: 7987479
Conc: 263.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



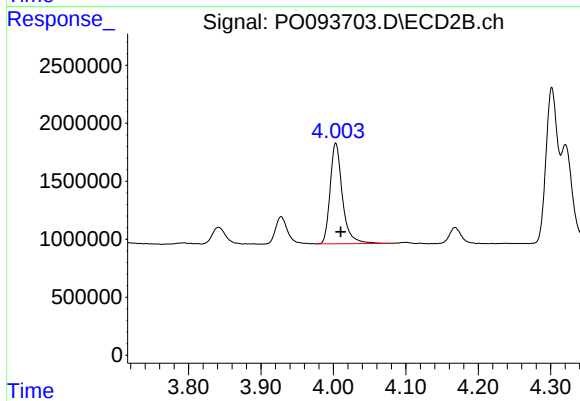
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 2731013
Conc: 250.08 ng/ml



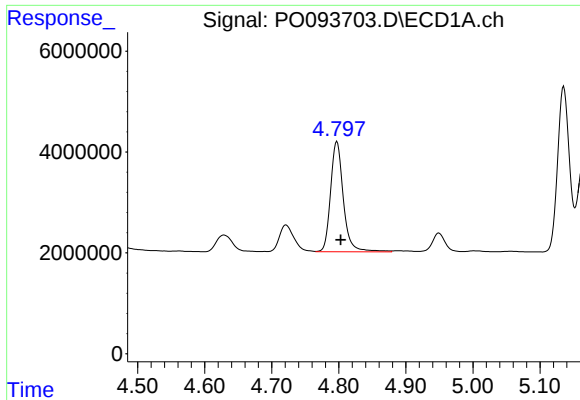
#10 AR-1221-3

R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 28921856
Conc: 316.36 ng/ml



#10 AR-1221-3

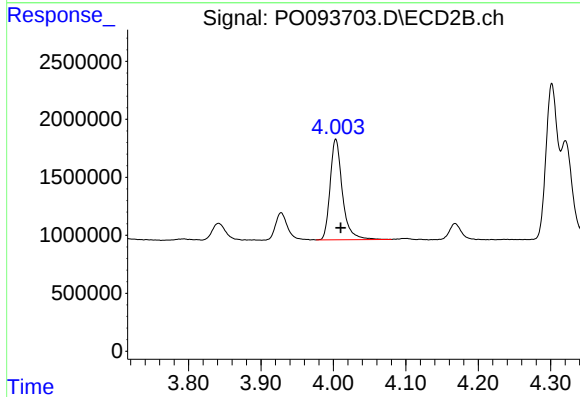
R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 10204243
Conc: 299.53 ng/ml



#11 AR-1232-1

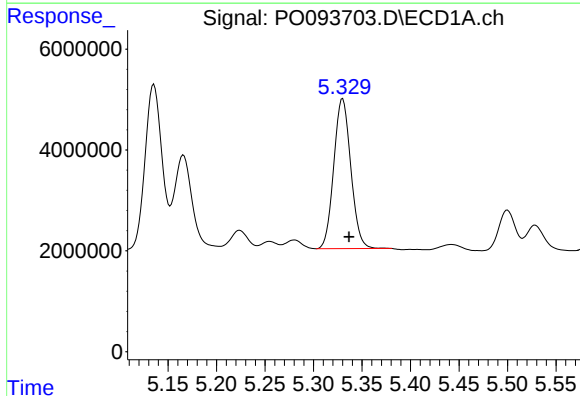
R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 28921856
Conc: 396.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



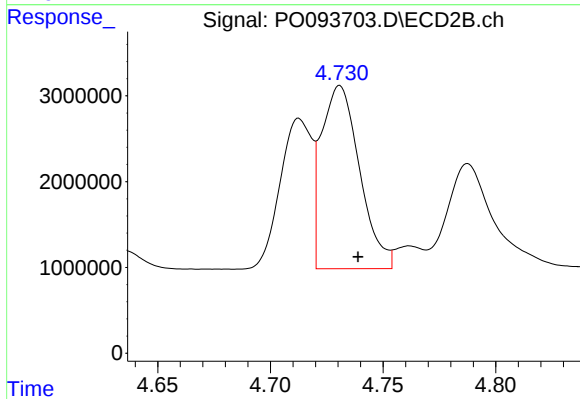
#11 AR-1232-1

R.T.: 4.003 min
Delta R.T.: -0.007 min
Response: 10204243
Conc: 361.29 ng/ml



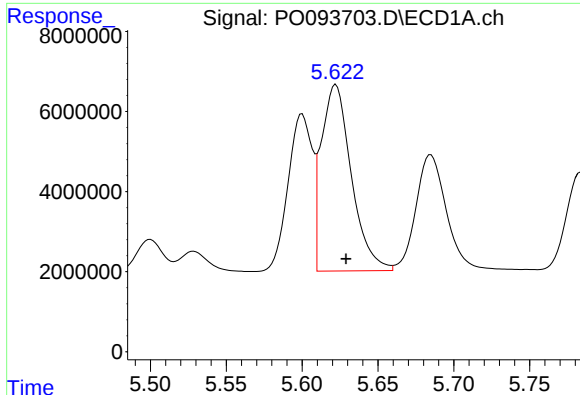
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 36277379
Conc: 1008.93 ng/ml



#12 AR-1232-2

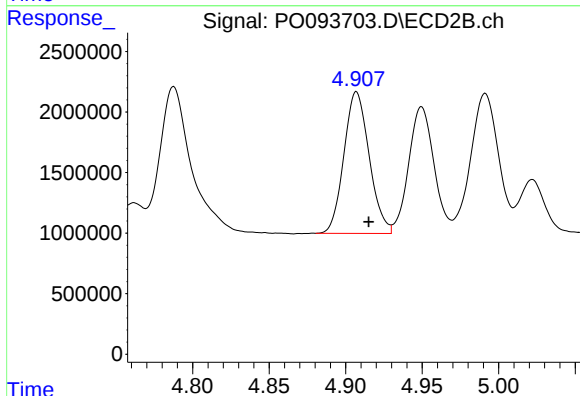
R.T.: 4.731 min
Delta R.T.: -0.008 min
Response: 25238865
Conc: 1024.29 ng/ml



#13 AR-1232-3

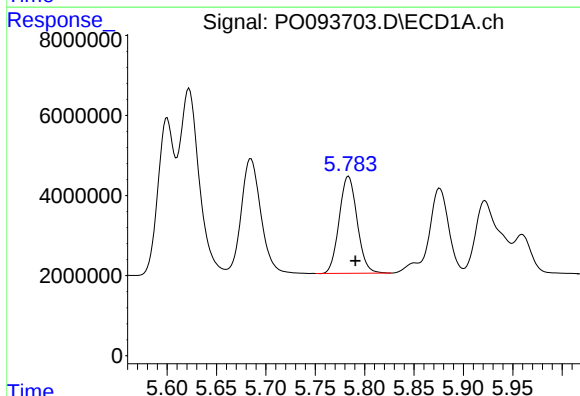
R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 64254864
Conc: 981.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



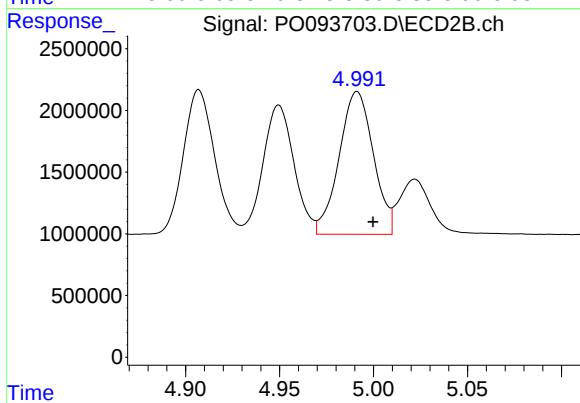
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.008 min
Response: 13477435
Conc: 1065.26 ng/ml



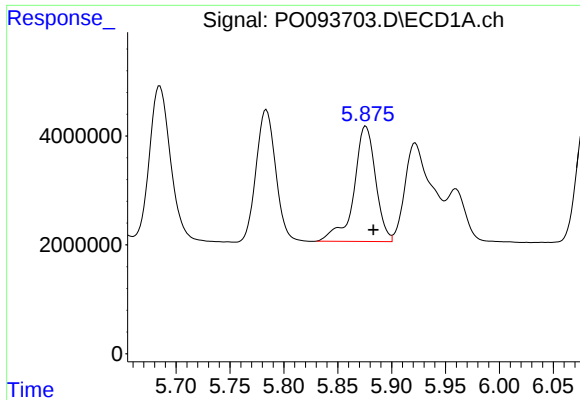
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 30643833
Conc: 1000.88 ng/ml



#14 AR-1232-4

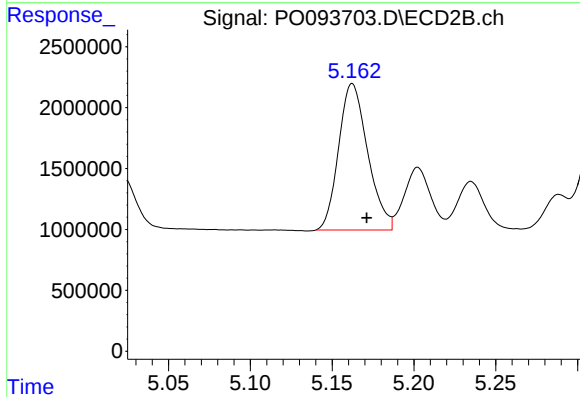
R.T.: 4.991 min
Delta R.T.: -0.008 min
Response: 14706032
Conc: 1148.22 ng/ml



#15 AR-1232-5

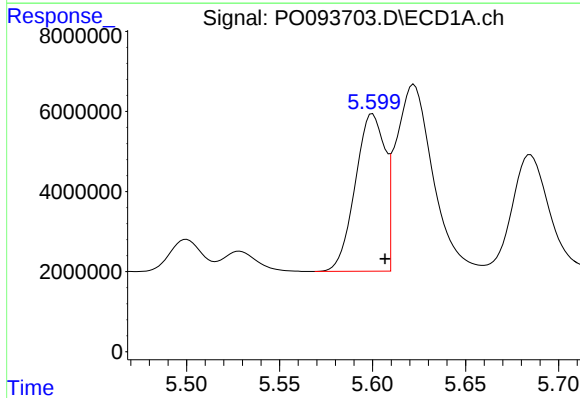
R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 29737835
Conc: 1071.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



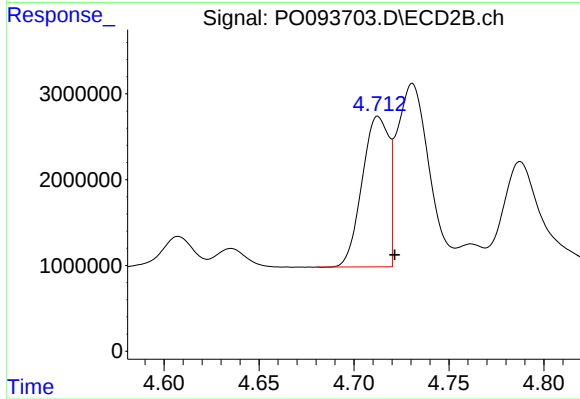
#15 AR-1232-5

R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 14859563
Conc: 1059.57 ng/ml



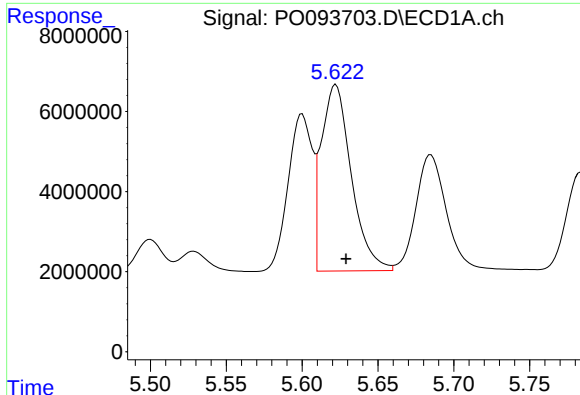
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: -0.007 min
Response: 43478809
Conc: 530.47 ng/ml



#16 AR-1242-1

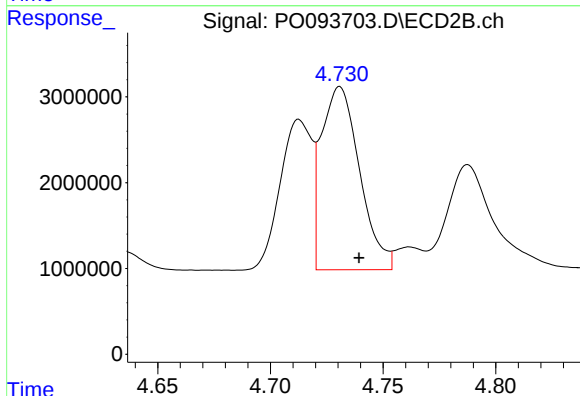
R.T.: 4.713 min
Delta R.T.: -0.009 min
Response: 17148044
Conc: 564.33 ng/ml



#17 AR-1242-2

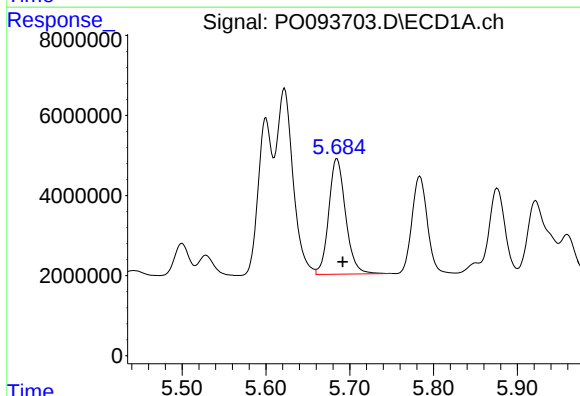
R.T.: 5.622 min
Delta R.T.: -0.007 min
Response: 64254864
Conc: 535.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



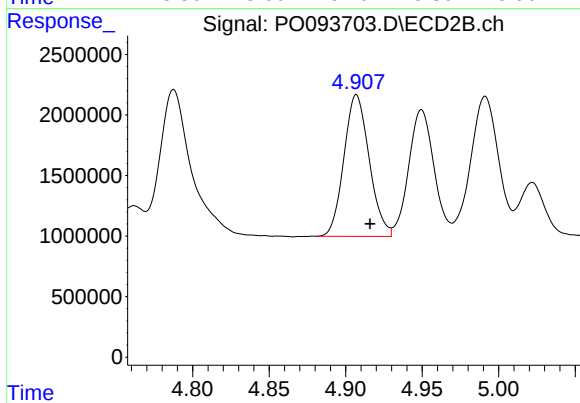
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.009 min
Response: 25238865
Conc: 568.47 ng/ml



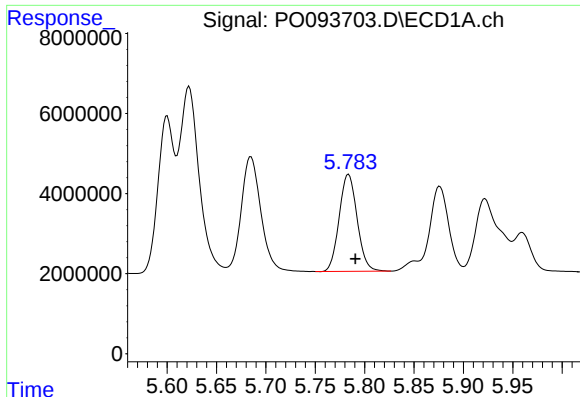
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: -0.007 min
Response: 40239032
Conc: 524.30 ng/ml



#18 AR-1242-3

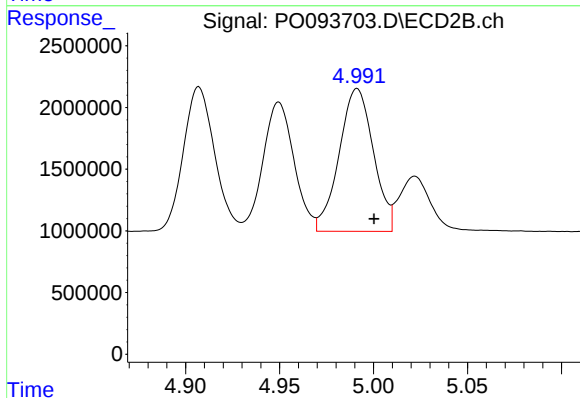
R.T.: 4.907 min
Delta R.T.: -0.009 min
Response: 13477435
Conc: 576.46 ng/ml



#19 AR-1242-4

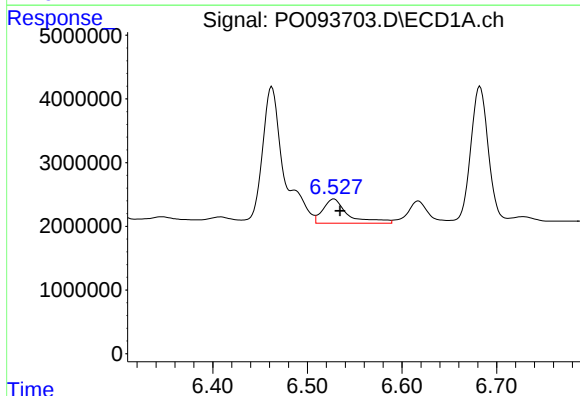
R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 30643833
Conc: 534.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



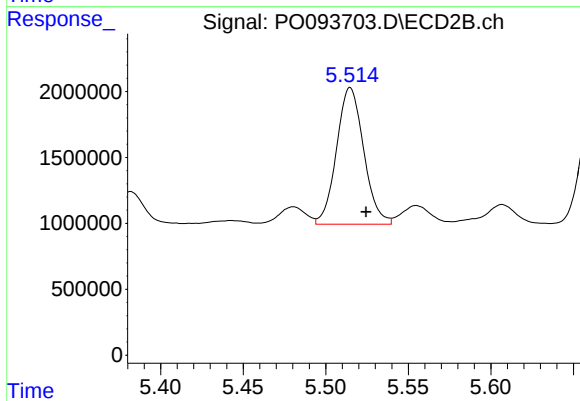
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: -0.009 min
Response: 14706032
Conc: 564.53 ng/ml



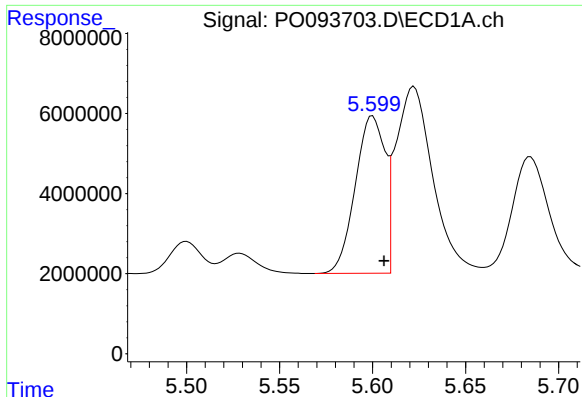
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: -0.006 min
Response: 7050350
Conc: 112.82 ng/ml



#20 AR-1242-5

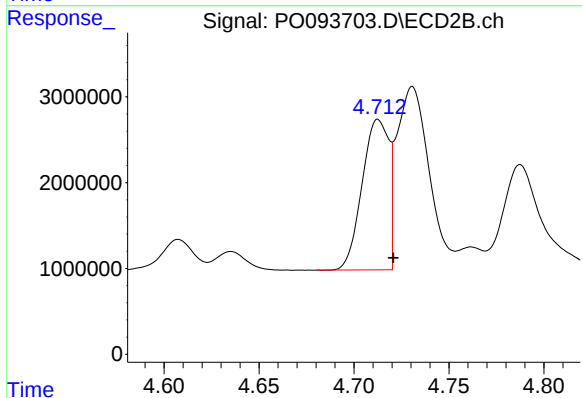
R.T.: 5.515 min
Delta R.T.: -0.010 min
Response: 11879511
Conc: 415.85 ng/ml



#21 AR-1248-1

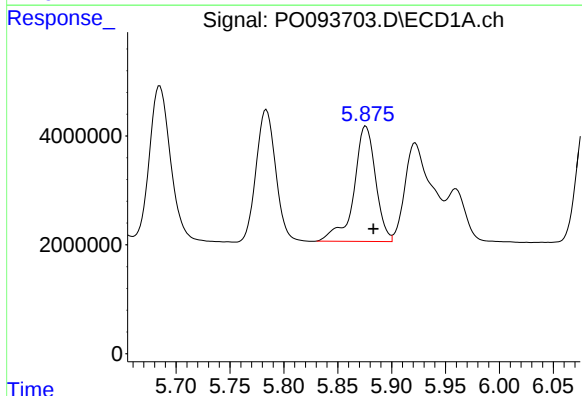
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 43478809
Conc: 699.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



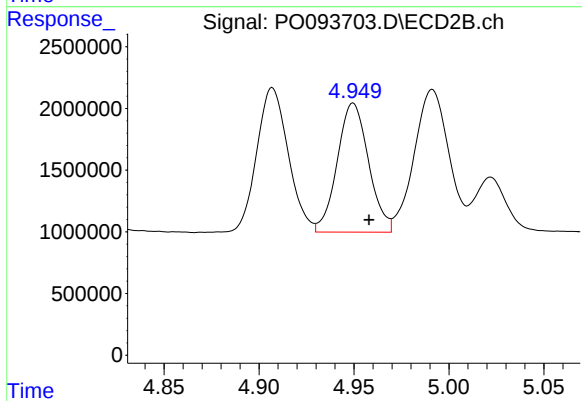
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: -0.008 min
Response: 17148044
Conc: 736.86 ng/ml



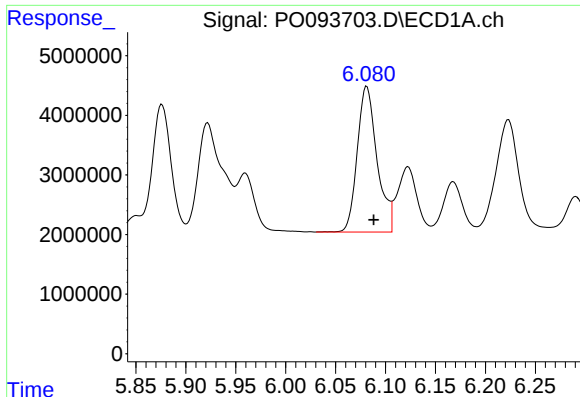
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: -0.007 min
Response: 29737835
Conc: 311.36 ng/ml



#22 AR-1248-2

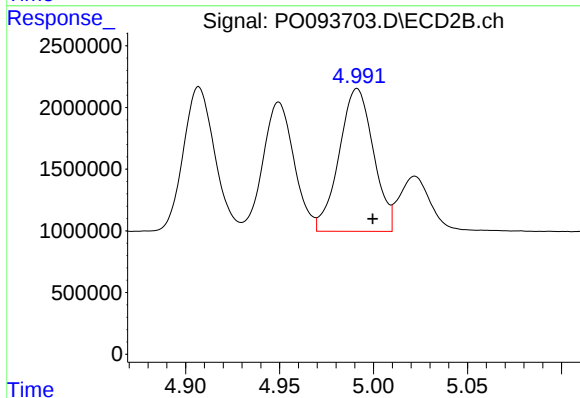
R.T.: 4.950 min
Delta R.T.: -0.008 min
Response: 12033282
Conc: 332.04 ng/ml



#23 AR-1248-3

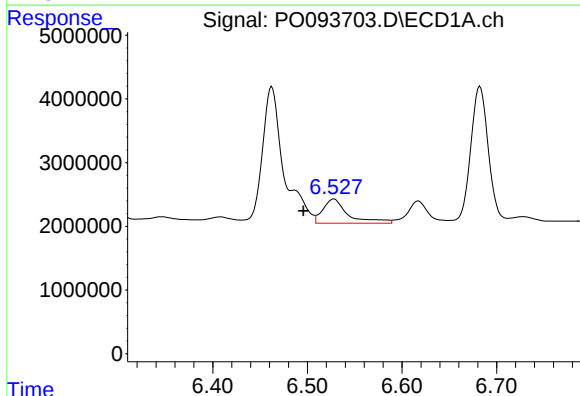
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 33693776
Conc: 323.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



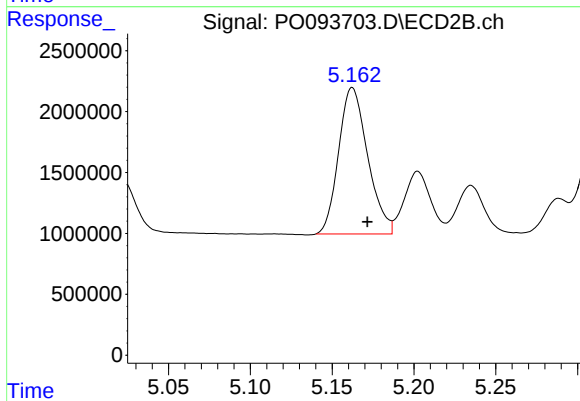
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: -0.008 min
Response: 14706032
Conc: 391.88 ng/ml



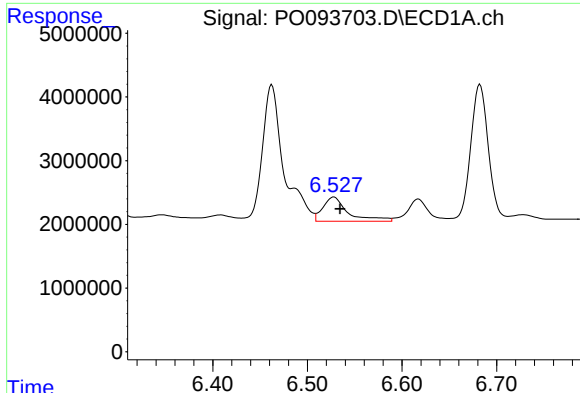
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: 0.032 min
Response: 7050350
Conc: 69.24 ng/ml



#24 AR-1248-4

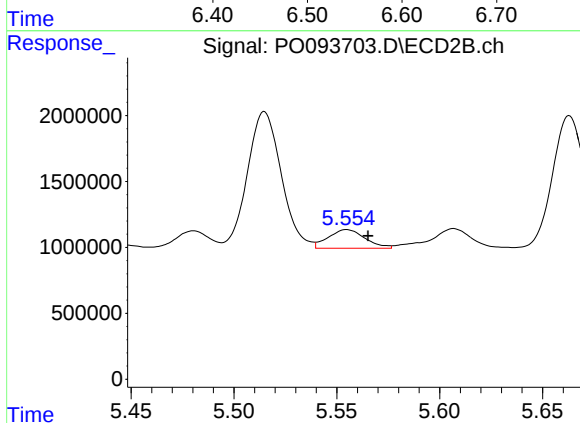
R.T.: 5.162 min
Delta R.T.: -0.009 min
Response: 14859563
Conc: 345.40 ng/ml



#25 AR-1248-5

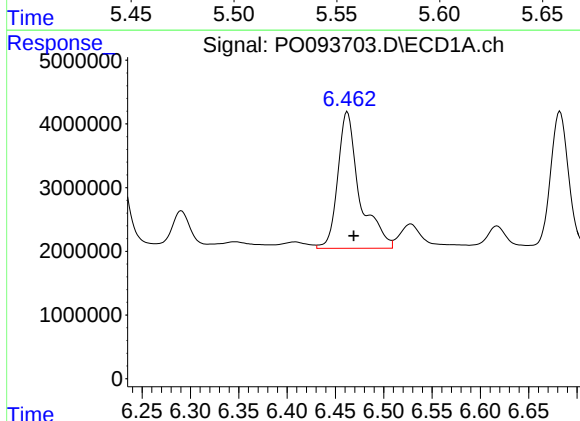
R.T.: 6.528 min
Delta R.T.: -0.006 min
Response: 7050350
Conc: 68.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



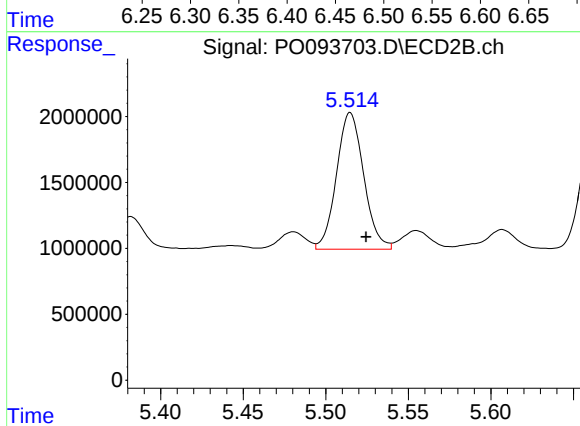
#25 AR-1248-5

R.T.: 5.555 min
Delta R.T.: -0.010 min
Response: 1750518
Conc: 47.60 ng/ml



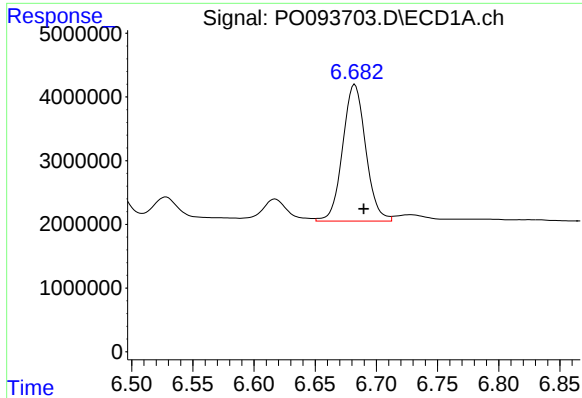
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.007 min
Response: 33739577
Conc: 288.72 ng/ml



#26 AR-1254-1

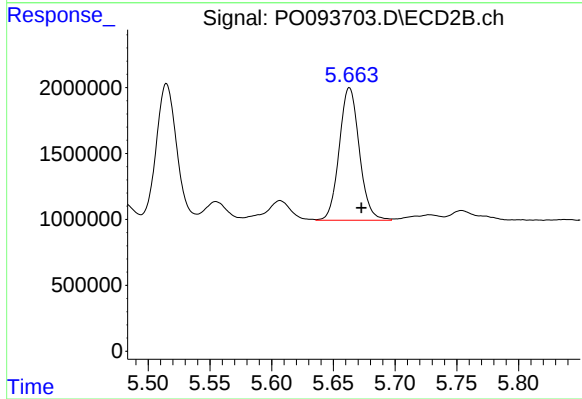
R.T.: 5.515 min
Delta R.T.: -0.010 min
Response: 11879511
Conc: 189.27 ng/ml



#27 AR-1254-2

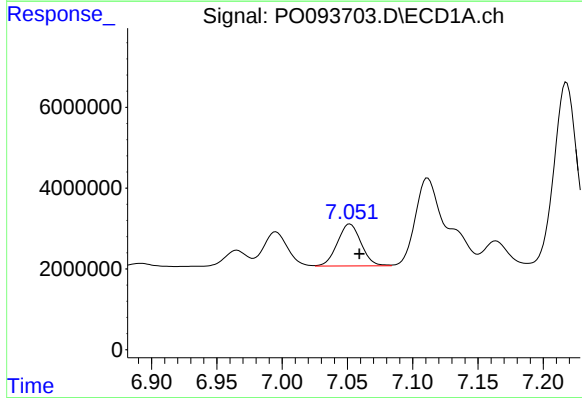
R.T.: 6.682 min
Delta R.T.: -0.007 min
Response: 28176154
Conc: 164.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



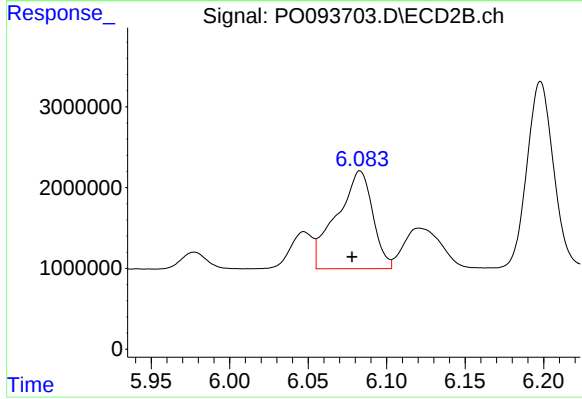
#27 AR-1254-2

R.T.: 5.663 min
Delta R.T.: -0.010 min
Response: 11391088
Conc: 202.14 ng/ml



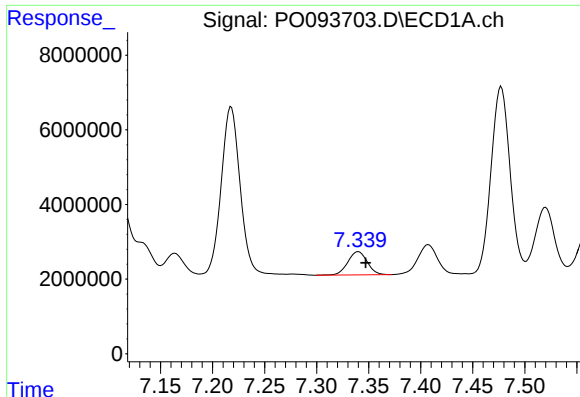
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: -0.007 min
Response: 13055756
Conc: 78.54 ng/ml



#28 AR-1254-3

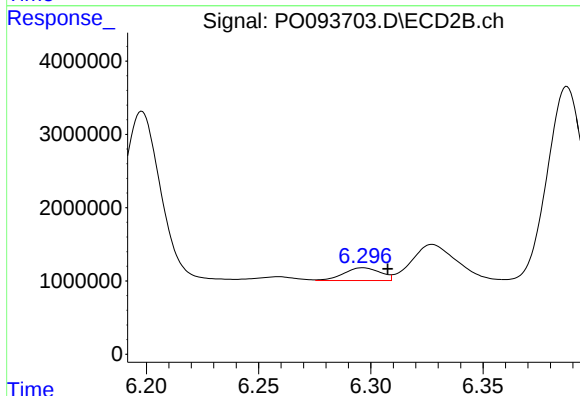
R.T.: 6.083 min
Delta R.T.: 0.005 min
Response: 19297467
Conc: 224.14 ng/ml



#29 AR-1254-4

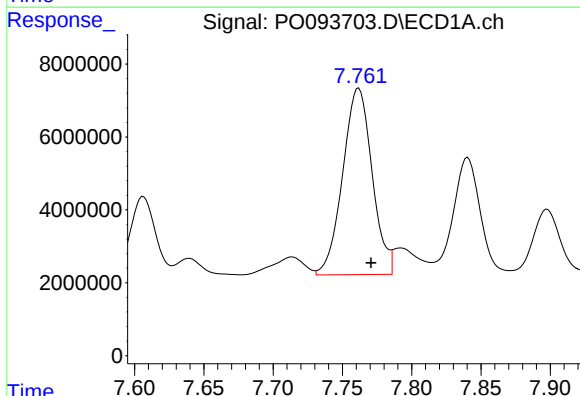
R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 8086064
Conc: 75.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



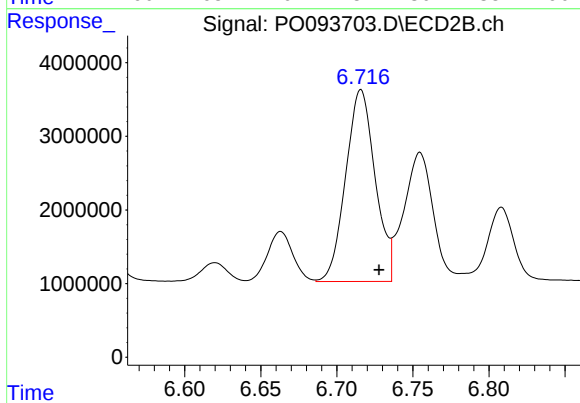
#29 AR-1254-4

R.T.: 6.297 min
Delta R.T.: -0.011 min
Response: 1970331
Conc: 43.09 ng/ml



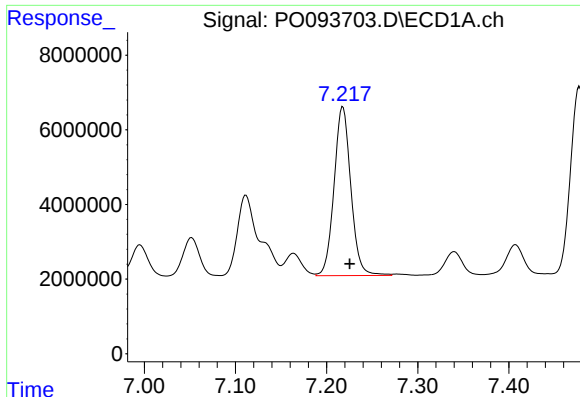
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: -0.009 min
Response: 75527383
Conc: 557.77 ng/ml



#30 AR-1254-5

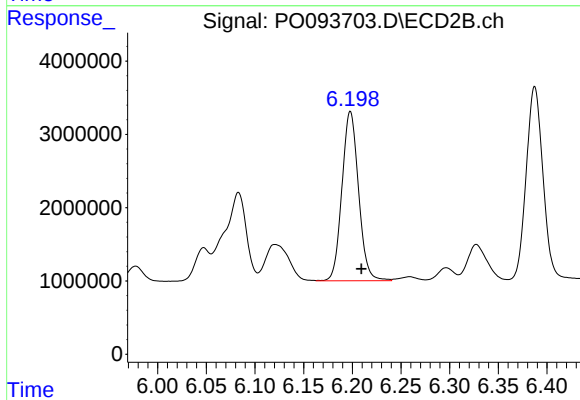
R.T.: 6.716 min
Delta R.T.: -0.012 min
Response: 35149397
Conc: 475.94 ng/ml



#31 AR-1260-1

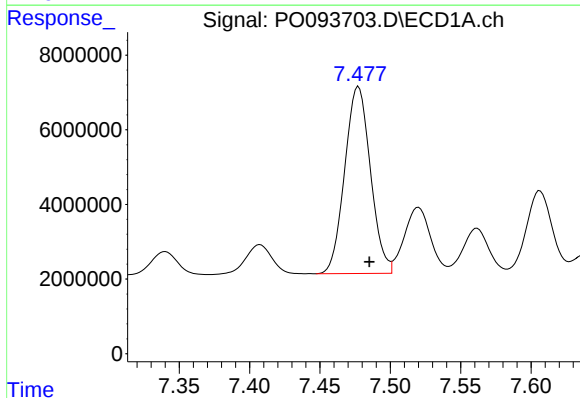
R.T.: 7.218 min
Delta R.T.: -0.008 min
Response: 57864198
Conc: 446.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



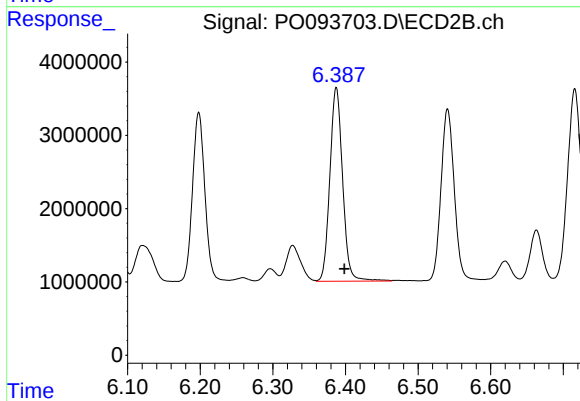
#31 AR-1260-1

R.T.: 6.198 min
Delta R.T.: -0.012 min
Response: 27450110
Conc: 451.49 ng/ml



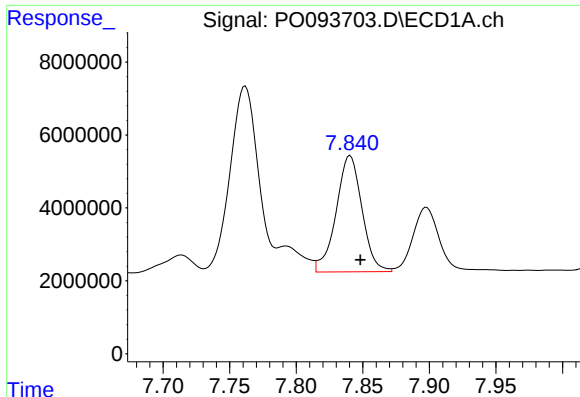
#32 AR-1260-2

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 63836035
Conc: 432.42 ng/ml



#32 AR-1260-2

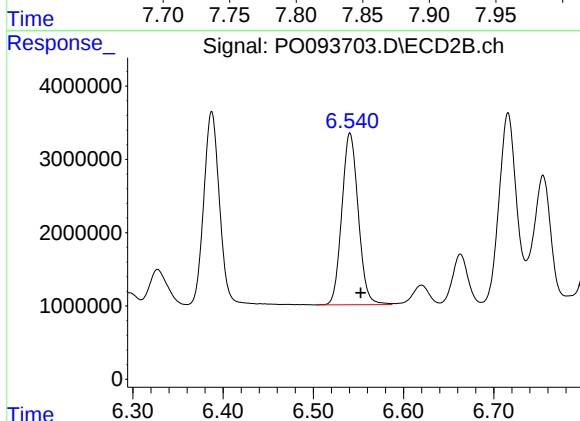
R.T.: 6.387 min
Delta R.T.: -0.011 min
Response: 32251351
Conc: 446.10 ng/ml



#33 AR-1260-3

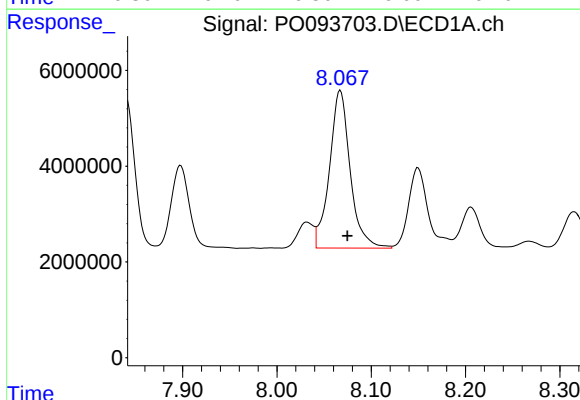
R.T.: 7.840 min
Delta R.T.: -0.008 min
Response: 43245971
Conc: 384.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



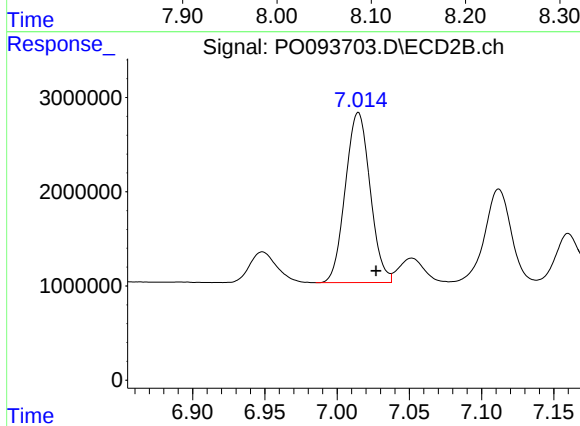
#33 AR-1260-3

R.T.: 6.541 min
Delta R.T.: -0.012 min
Response: 29605730
Conc: 442.74 ng/ml



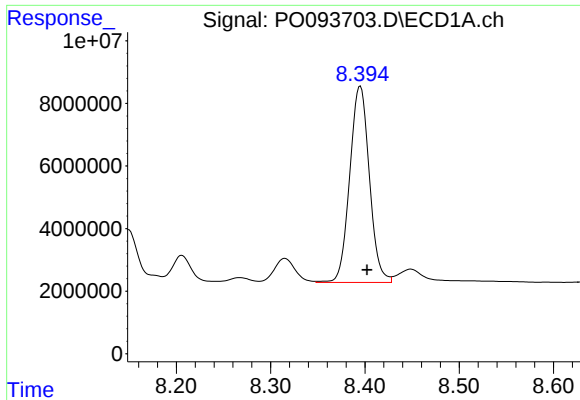
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 50258937
Conc: 391.92 ng/ml



#34 AR-1260-4

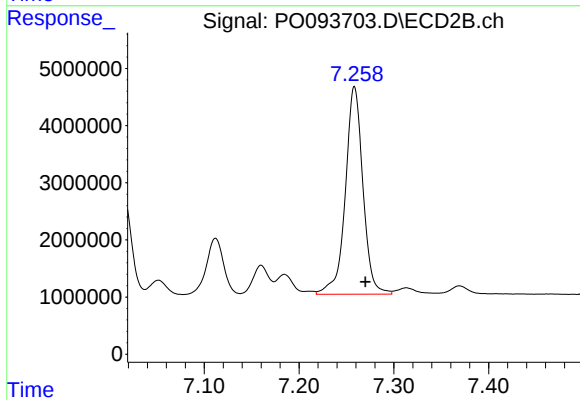
R.T.: 7.015 min
Delta R.T.: -0.012 min
Response: 21538637
Conc: 391.39 ng/ml



#35 AR-1260-5

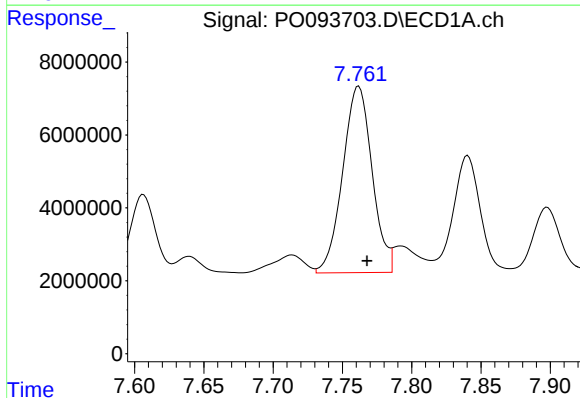
R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 90789817
Conc: 406.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



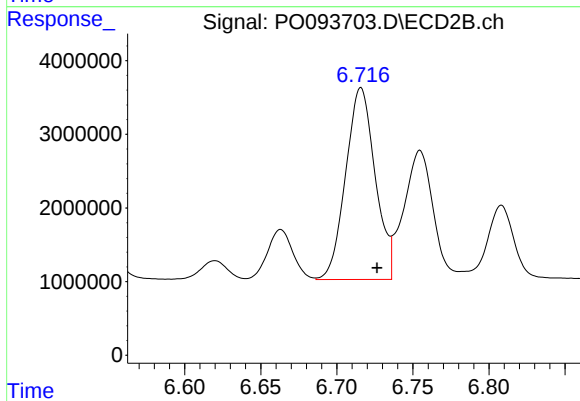
#35 AR-1260-5

R.T.: 7.258 min
Delta R.T.: -0.011 min
Response: 46921822
Conc: 398.55 ng/ml



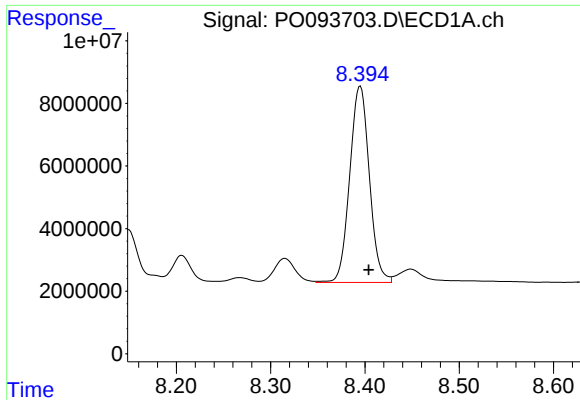
#36 AR-1262-1

R.T.: 7.762 min
Delta R.T.: -0.006 min
Response: 75527383
Conc: 759.80 ng/ml



#36 AR-1262-1

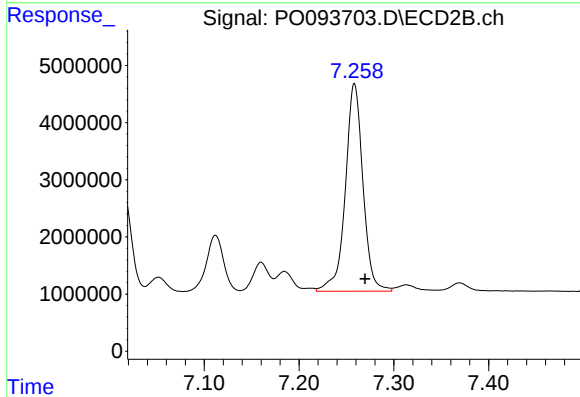
R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 35149397
Conc: 940.61 ng/ml



#37 AR-1262-2

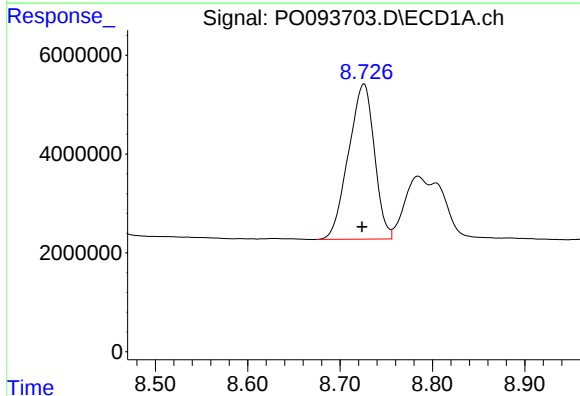
R.T.: 8.395 min
Delta R.T.: -0.009 min
Response: 90789817
Conc: 382.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



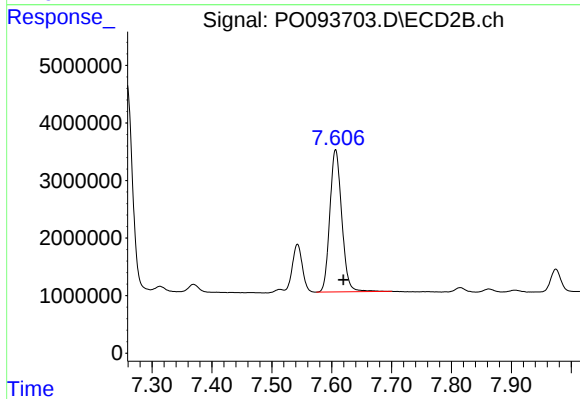
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: -0.011 min
Response: 46921822
Conc: 394.03 ng/ml



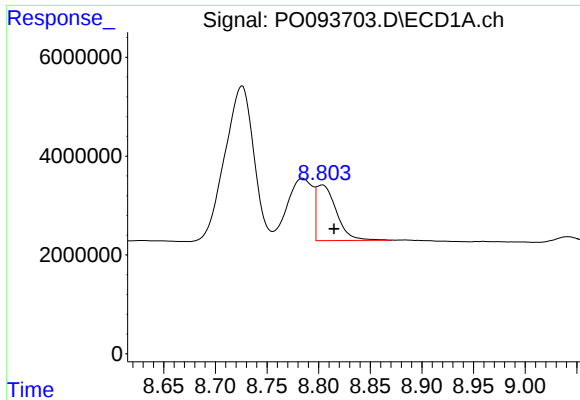
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 61185029
Conc: 362.29 ng/ml



#38 AR-1262-3

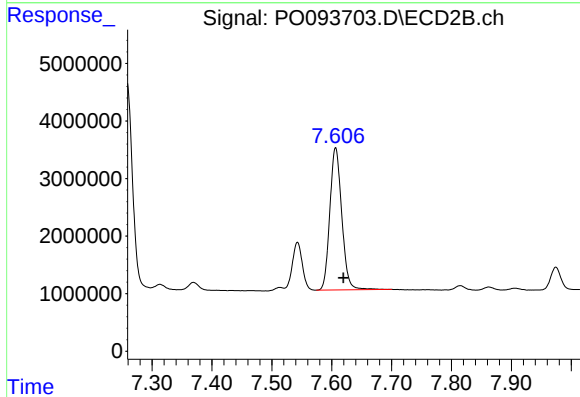
R.T.: 7.607 min
Delta R.T.: -0.013 min
Response: 34158732
Conc: 377.92 ng/ml



#39 AR-1262-4

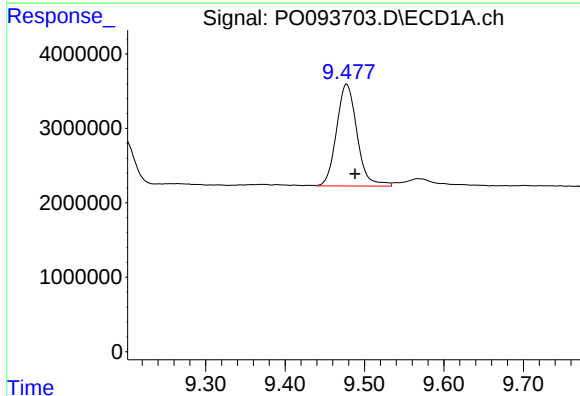
R.T.: 8.804 min
Delta R.T.: -0.011 min
Response: 15220013
Conc: 169.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



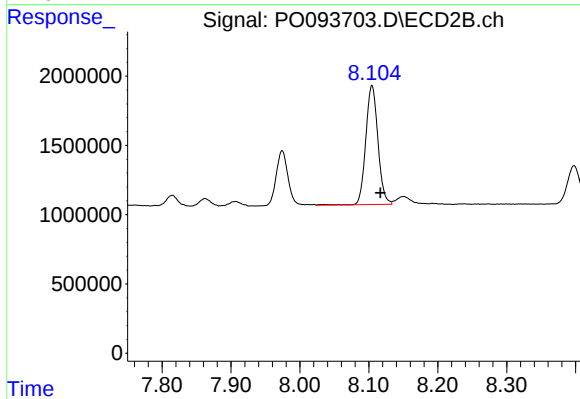
#39 AR-1262-4

R.T.: 7.607 min
Delta R.T.: -0.013 min
Response: 34158732
Conc: 377.92 ng/ml



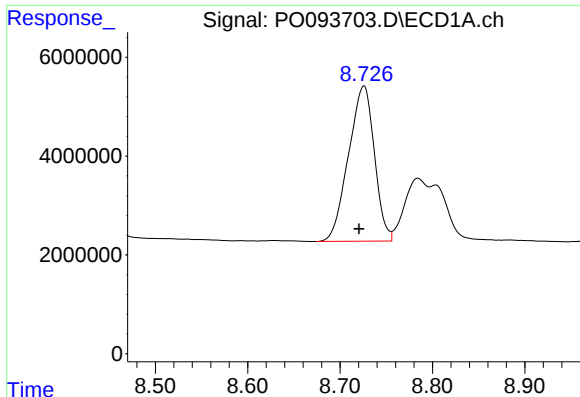
#40 AR-1262-5

R.T.: 9.478 min
Delta R.T.: -0.011 min
Response: 24529324
Conc: 256.83 ng/ml



#40 AR-1262-5

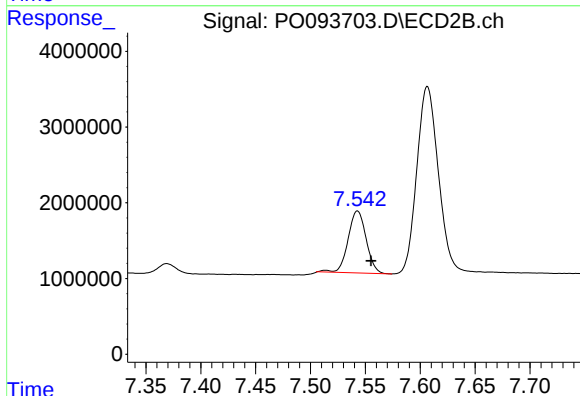
R.T.: 8.105 min
Delta R.T.: -0.012 min
Response: 10530736
Conc: 257.32 ng/ml



#41 AR-1268-1

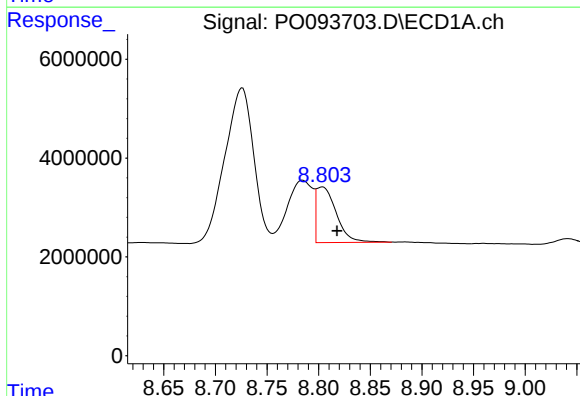
R.T.: 8.726 min
Delta R.T.: 0.005 min
Response: 61185029
Conc: 191.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



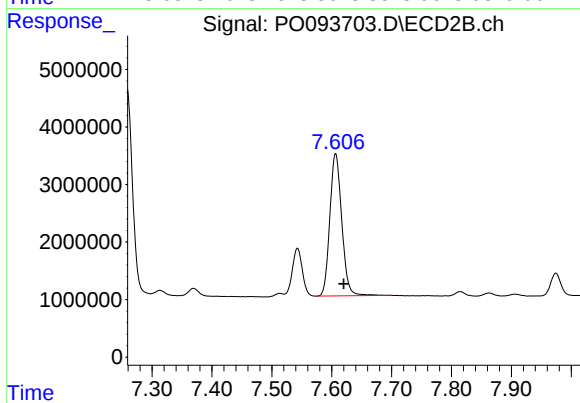
#41 AR-1268-1

R.T.: 7.543 min
Delta R.T.: -0.012 min
Response: 9289614
Conc: 59.36 ng/ml



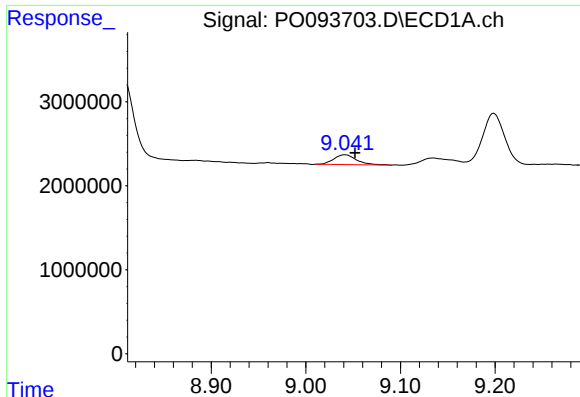
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: -0.014 min
Response: 15220013
Conc: 52.43 ng/ml



#42 AR-1268-2

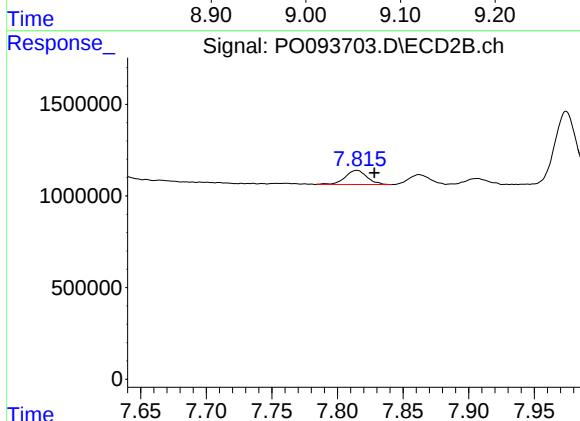
R.T.: 7.607 min
Delta R.T.: -0.014 min
Response: 34158732
Conc: 244.66 ng/ml



#43 AR-1268-3

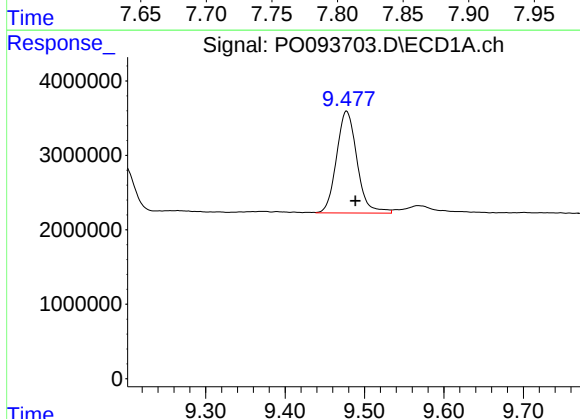
R.T.: 9.042 min
Delta R.T.: -0.010 min
Response: 1939421
Conc: 7.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



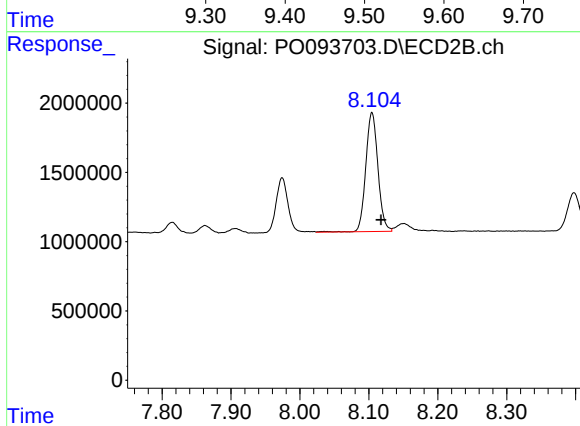
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: -0.013 min
Response: 890875
Conc: 7.16 ng/ml



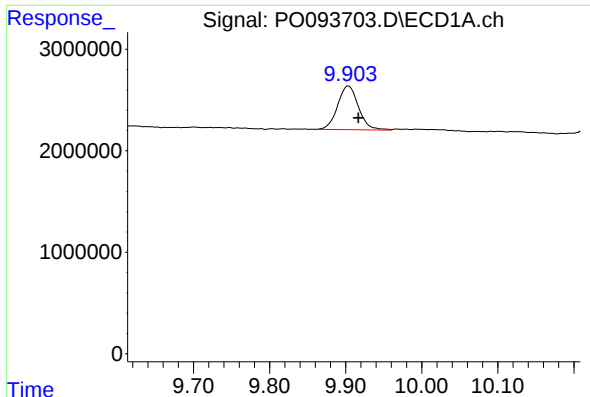
#44 AR-1268-4

R.T.: 9.478 min
Delta R.T.: -0.011 min
Response: 24529324
Conc: 229.69 ng/ml



#44 AR-1268-4

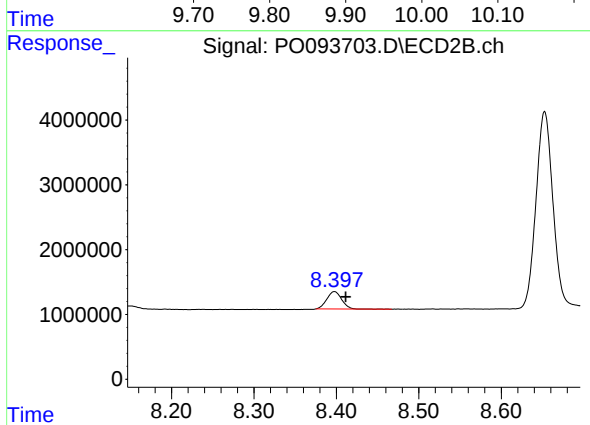
R.T.: 8.105 min
Delta R.T.: -0.013 min
Response: 10530736
Conc: 213.55 ng/ml



#45 AR-1268-5

R.T.: 9.903 min
Delta R.T.: -0.013 min
Response: 8211406
Conc: 10.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: -0.014 min
Response: 3349392
Conc: 9.49 ng/ml