

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012023\
 Data File : P0092185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 10:39
 Operator : YP/AJ
 Sample : AR166CCC500
 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: Jan 20 21:09:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 11 04:41:00 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...	4.452	3.648	125.3E6	59180959	44.915	42.626
2)	SA Decachlor...	10.383	8.696	102.1E6	49631956	52.151	55.974
Target Compounds							
3)	L1 AR-1016-1	5.639	4.736	40467041	19299313	476.117	442.048
4)	L1 AR-1016-2	5.661	4.755	60071965	27570660	477.600	437.935
5)	L1 AR-1016-3	5.725	4.932	37965619	15072651	477.301	449.548
6)	L1 AR-1016-4	5.824	4.974	29751500	13125203	484.192	441.847
7)	L1 AR-1016-5	6.125	5.188	30659995	16765312	471.316	454.909
8)	L2 AR-1221-1	4.658	3.861	4787401	2295831	135.475	129.719
9)	L2 AR-1221-2	4.751	3.948	6632242	3216728	261.119	246.279
10)	L2 AR-1221-3	4.827	4.024	25010966	12155040	322.287	313.458
11)	L3 AR-1232-1	4.827	4.024	25010966	12155040	373.236	356.096
12)	L3 AR-1232-2	5.366	4.755	35110317	27570660	1081.852	952.655
13)	L3 AR-1232-3	5.661	4.932	60071965	15072651	1048.052	998.616
14)	L3 AR-1232-4	5.824	5.016	29751500	16139490	1100.839	1071.213
15)	L3 AR-1232-5	5.919	5.188	28308179	16765312	1179.951	1025.199
16)	L4 AR-1242-1	5.639	4.736	40467041	19299313	567.089	516.983
17)	L4 AR-1242-2	5.661	4.755	60071965	27570660	568.525	518.751
18)	L4 AR-1242-3	5.725	4.932	37965619	15072651	563.293	526.781
19)	L4 AR-1242-4	5.824	5.016	29751500	16139490	573.954	525.051
20)	L4 AR-1242-5	6.578	5.542	8062263	16437325	159.237	498.425 #
21)	L5 AR-1248-1	5.639	4.736	40467041	19299313	739.389	676.733
22)	L5 AR-1248-2	5.919	4.974	28308179	13125203	327.269	295.915
23)	L5 AR-1248-3	6.125	5.016	30659995	16139490	333.255	354.260
24)	L5 AR-1248-4	6.538	5.188	9226700	16765312	103.731	321.532 #
25)	L5 AR-1248-5	6.578	5.582	8062263	4180357	93.195	94.518
26)	L6 AR-1254-1	6.511	5.542	27911541	16437325	269.777	222.640
27)	L6 AR-1254-2	6.735	5.690	24255209	12177376	160.015	186.355
28)	L6 AR-1254-3	7.108	6.112	10574503	21820032	70.716	224.806 #
29)	L6 AR-1254-4	7.401	6.326	6722779	1514112	70.734	31.241 #
30)	L6 AR-1254-5	7.829	6.746	83076612	37636872	669.687	488.766 #
31)	L7 AR-1260-1	7.278	6.228	60232540	31431582	501.666	483.370
32)	L7 AR-1260-2	7.542	6.417	66169317	36359215	515.095	496.376
33)	L7 AR-1260-3	7.910	6.572	52832830	34559340	506.665	483.204
34)	L7 AR-1260-4	8.140	7.047	57817206	28222113	500.770	523.803
35)	L7 AR-1260-5	8.476	7.290	102.3E6	60795205	512.072	541.805
36)	L8 AR-1262-1	7.910	6.787	52832830	30663559	409.872	400.259
37)	L8 AR-1262-2	8.476	7.290	102.3E6	60795205	527.074	525.113
38)	L8 AR-1262-3	8.811	7.577	67204919	13670371	476.461	305.716 #
39)	L8 AR-1262-4	8.879	7.640	44706670	43467013	530.444	523.463
40)	L8 AR-1262-5	9.586	8.140	29903182	18496010	416.701	507.620
41)	L9 AR-1268-1	8.811	7.577	67204919	13670371	234.206	89.692 #

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 Sample : AR166CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

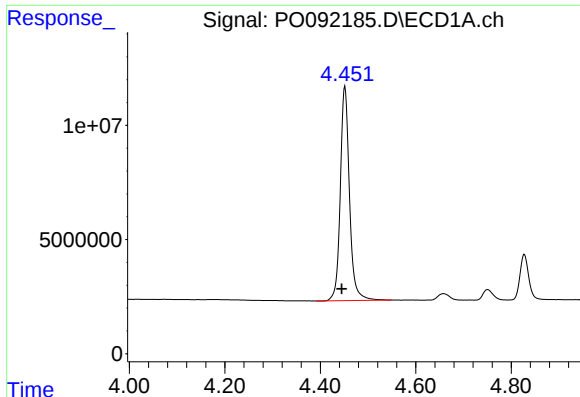
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 21:09:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0011023.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	8.879	7.640	44706670	43467013	153.797	317.612 #
43) L9	AR-1268-3	9.136	7.850	1328345	862899	5.602	6.794
44) L9	AR-1268-4	9.586	8.140	29903182	18496010	332.072	390.519
45) L9	AR-1268-5	10.024	8.436	8486355	4659948	11.540	12.500

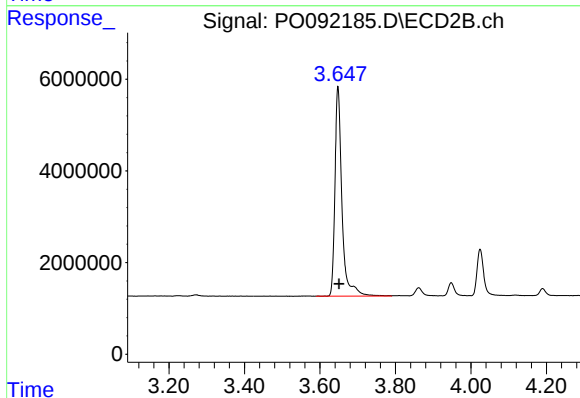
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

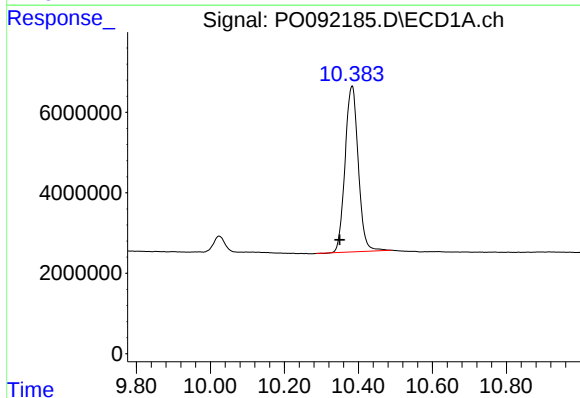
R.T.: 4.452 min
Delta R.T.: 0.007 min
Response: 125277972
Conc: 44.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



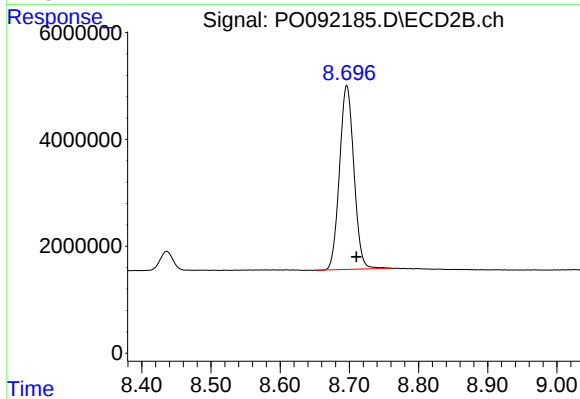
#1 Tetrachloro-m-xylene

R.T.: 3.648 min
Delta R.T.: -0.003 min
Response: 59180959
Conc: 42.63 ng/ml



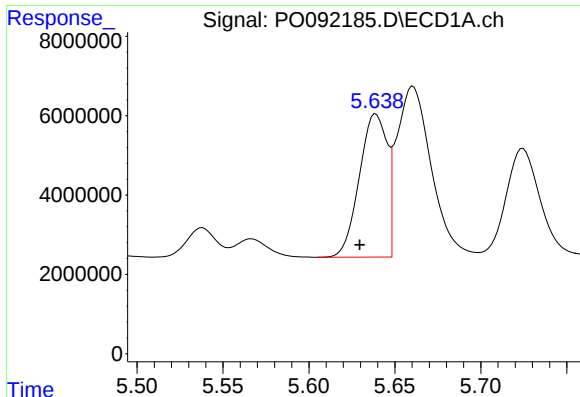
#2 Decachlorobiphenyl

R.T.: 10.383 min
Delta R.T.: 0.034 min
Response: 102094694
Conc: 52.15 ng/ml



#2 Decachlorobiphenyl

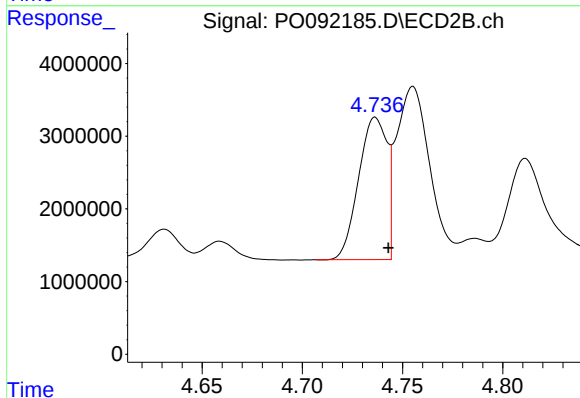
R.T.: 8.696 min
Delta R.T.: -0.014 min
Response: 49631956
Conc: 55.97 ng/ml



#3 AR-1016-1

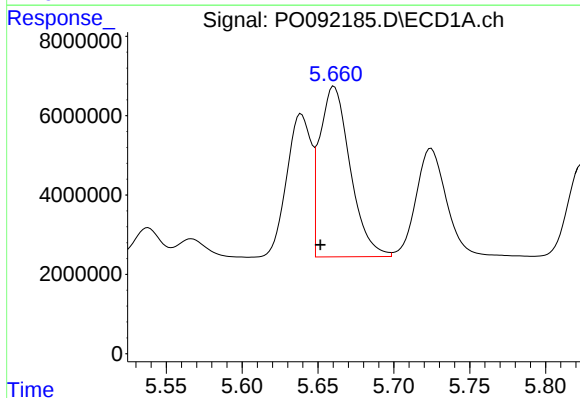
R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 40467041
Conc: 476.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



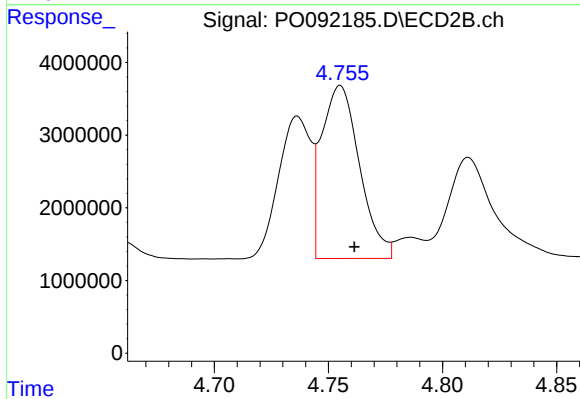
#3 AR-1016-1

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 19299313
Conc: 442.05 ng/ml



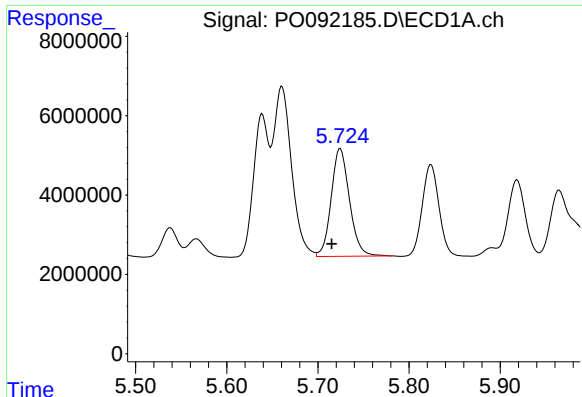
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.009 min
Response: 60071965
Conc: 477.60 ng/ml



#4 AR-1016-2

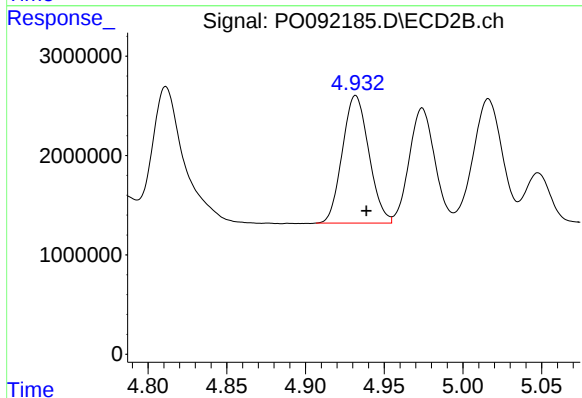
R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 27570660
Conc: 437.93 ng/ml



#5 AR-1016-3

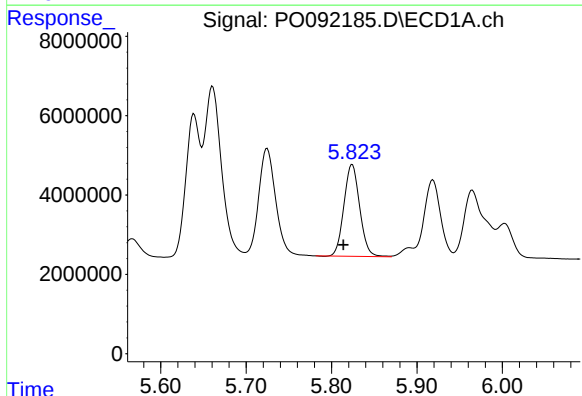
R.T.: 5.725 min
Delta R.T.: 0.009 min
Response: 37965619
Conc: 477.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



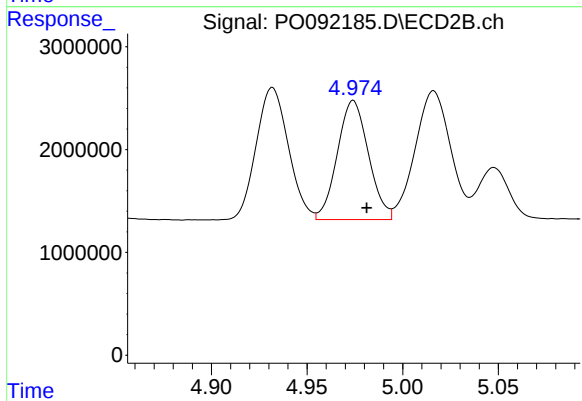
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.007 min
Response: 15072651
Conc: 449.55 ng/ml



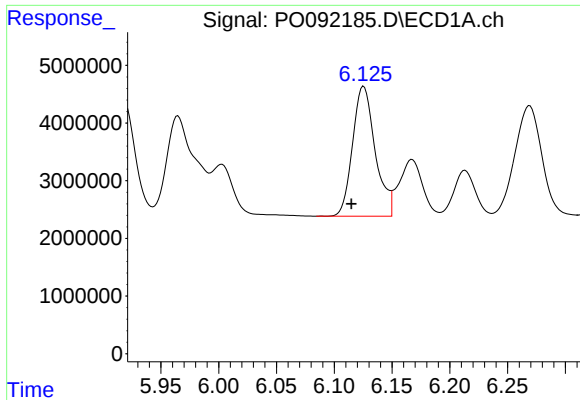
#6 AR-1016-4

R.T.: 5.824 min
Delta R.T.: 0.010 min
Response: 29751500
Conc: 484.19 ng/ml



#6 AR-1016-4

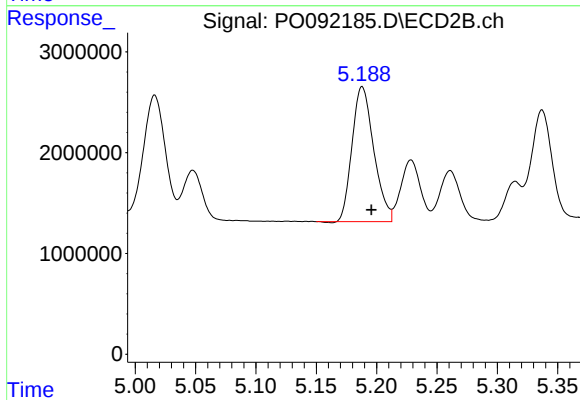
R.T.: 4.974 min
Delta R.T.: -0.007 min
Response: 13125203
Conc: 441.85 ng/ml



#7 AR-1016-5

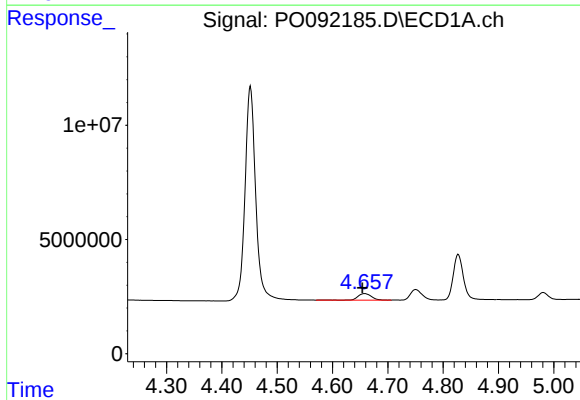
R.T.: 6.125 min
Delta R.T.: 0.011 min
Response: 30659995
Conc: 471.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



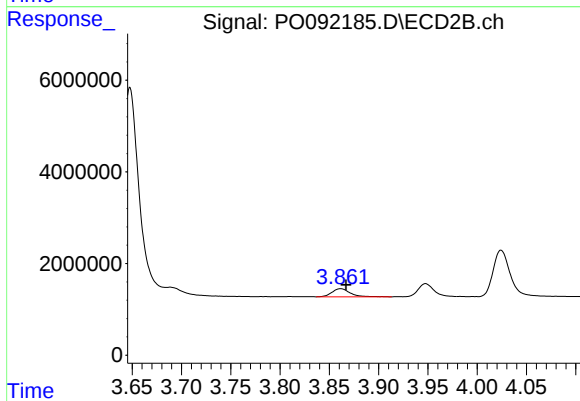
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 16765312
Conc: 454.91 ng/ml



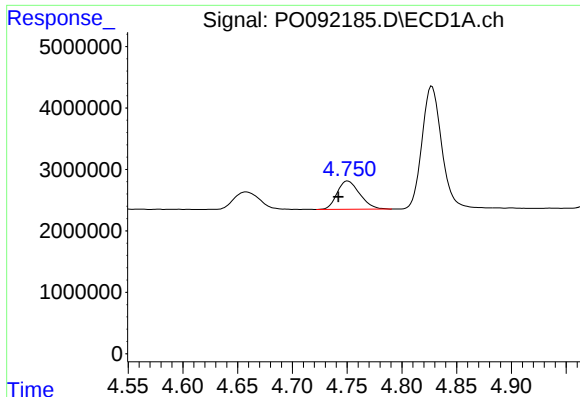
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: 0.004 min
Response: 4787401
Conc: 135.48 ng/ml



#8 AR-1221-1

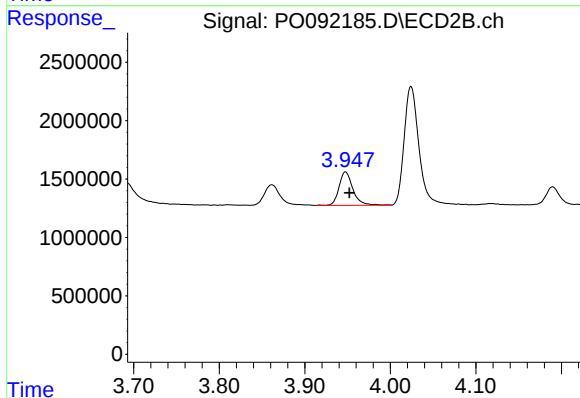
R.T.: 3.861 min
Delta R.T.: -0.006 min
Response: 2295831
Conc: 129.72 ng/ml



#9 AR-1221-2

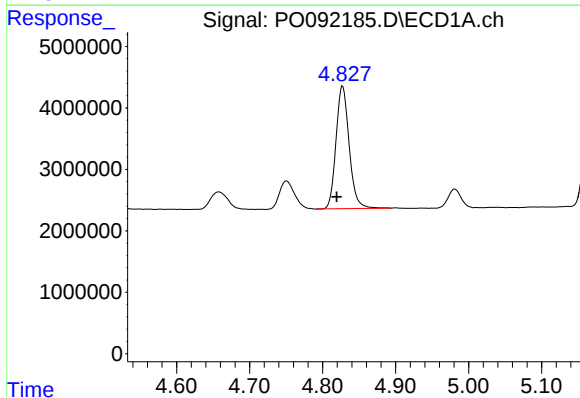
R.T.: 4.751 min
Delta R.T.: 0.008 min
Response: 6632242
Conc: 261.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



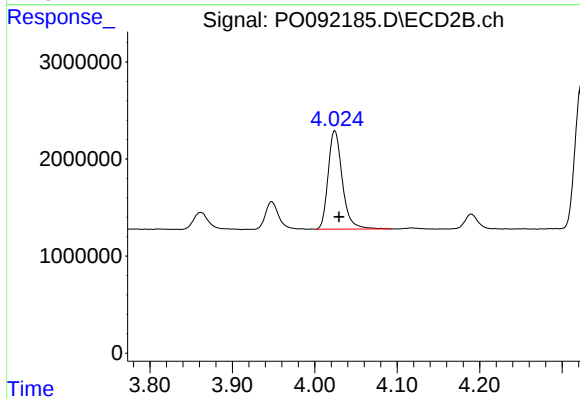
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 3216728
Conc: 246.28 ng/ml



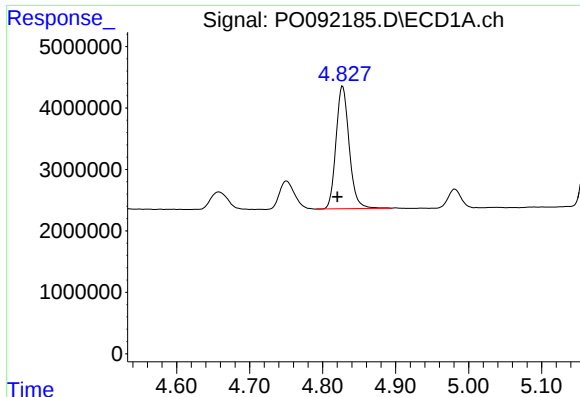
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: 0.008 min
Response: 25010966
Conc: 322.29 ng/ml



#10 AR-1221-3

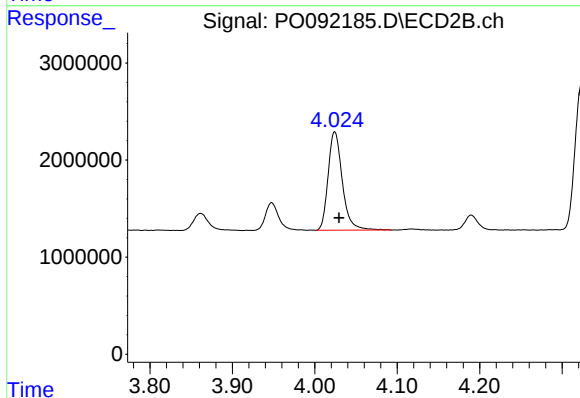
R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 12155040
Conc: 313.46 ng/ml



#11 AR-1232-1

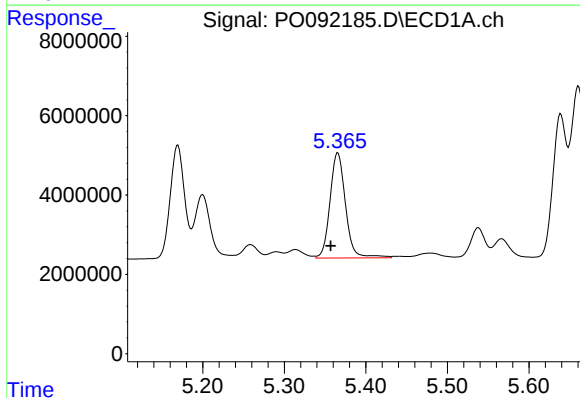
R.T.: 4.827 min
Delta R.T.: 0.007 min
Response: 25010966
Conc: 373.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



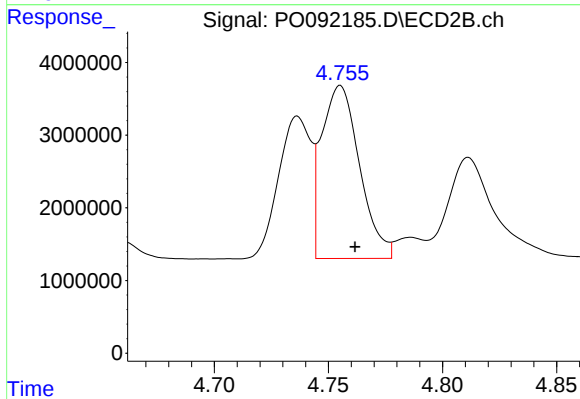
#11 AR-1232-1

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 12155040
Conc: 356.10 ng/ml



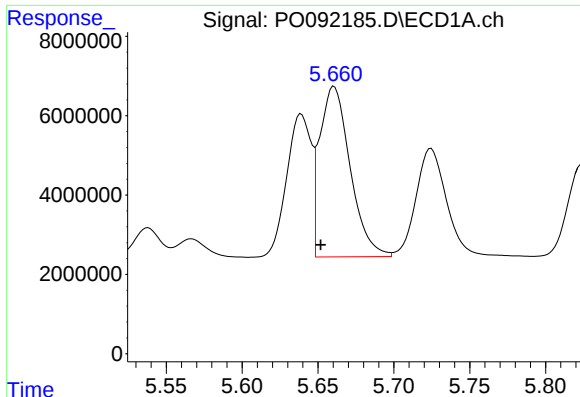
#12 AR-1232-2

R.T.: 5.366 min
Delta R.T.: 0.009 min
Response: 35110317
Conc: 1081.85 ng/ml



#12 AR-1232-2

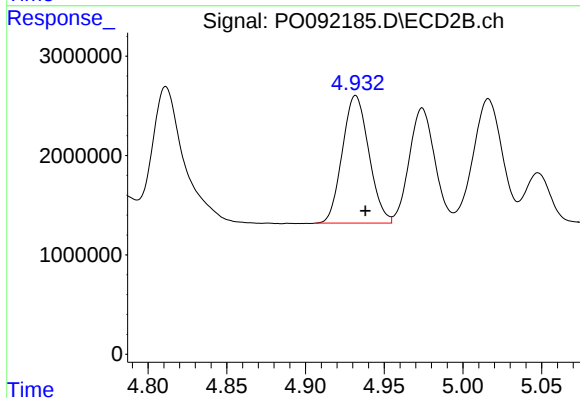
R.T.: 4.755 min
Delta R.T.: -0.007 min
Response: 27570660
Conc: 952.65 ng/ml



#13 AR-1232-3

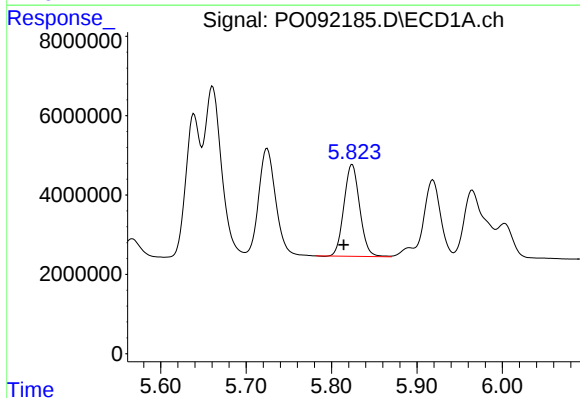
R.T.: 5.661 min
Delta R.T.: 0.009 min
Response: 60071965
Conc: 1048.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



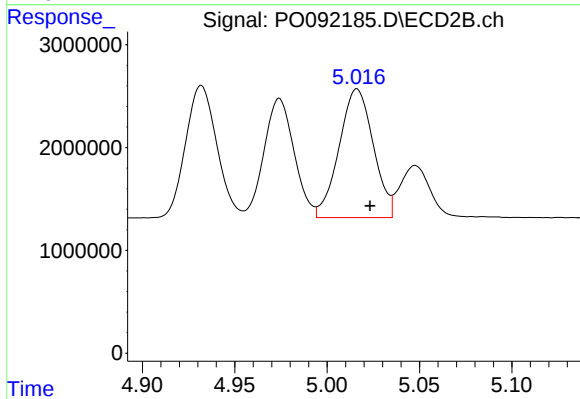
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 15072651
Conc: 998.62 ng/ml



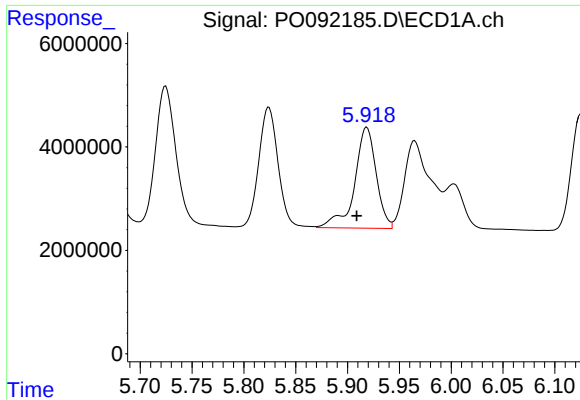
#14 AR-1232-4

R.T.: 5.824 min
Delta R.T.: 0.010 min
Response: 29751500
Conc: 1100.84 ng/ml



#14 AR-1232-4

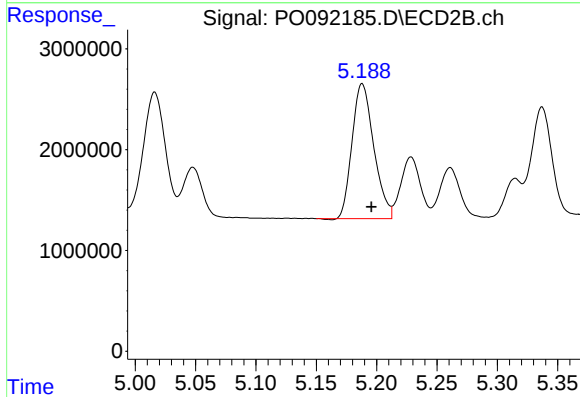
R.T.: 5.016 min
Delta R.T.: -0.007 min
Response: 16139490
Conc: 1071.21 ng/ml



#15 AR-1232-5

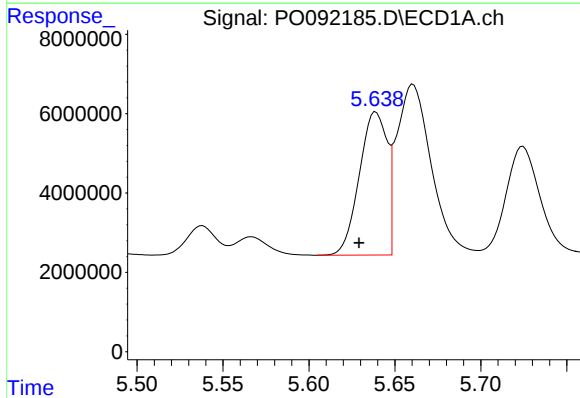
R.T.: 5.919 min
Delta R.T.: 0.010 min
Response: 28308179
Conc: 1179.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



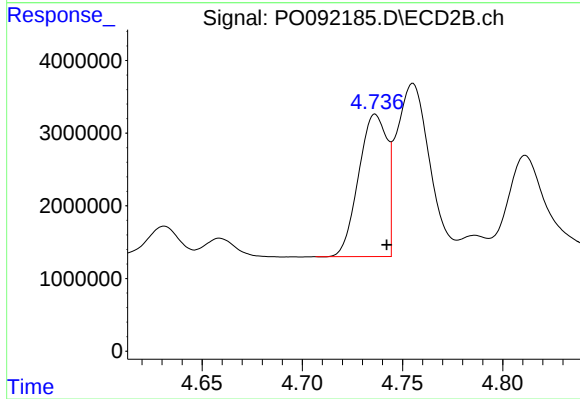
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: -0.008 min
Response: 16765312
Conc: 1025.20 ng/ml



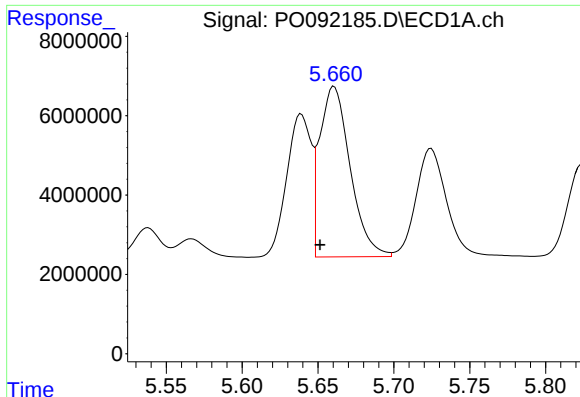
#16 AR-1242-1

R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 40467041
Conc: 567.09 ng/ml



#16 AR-1242-1

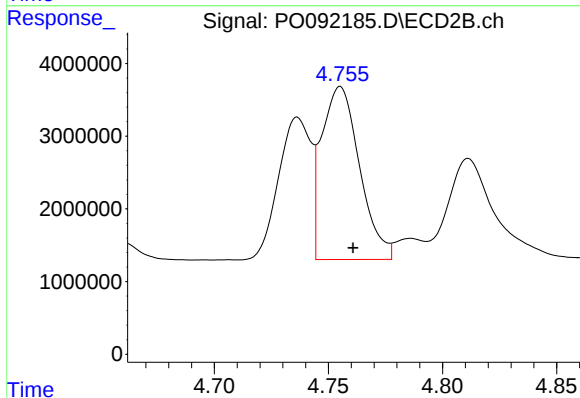
R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 19299313
Conc: 516.98 ng/ml



#17 AR-1242-2

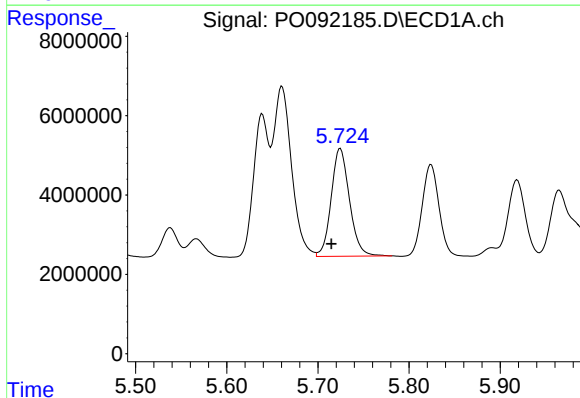
R.T.: 5.661 min
Delta R.T.: 0.009 min
Response: 60071965
Conc: 568.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



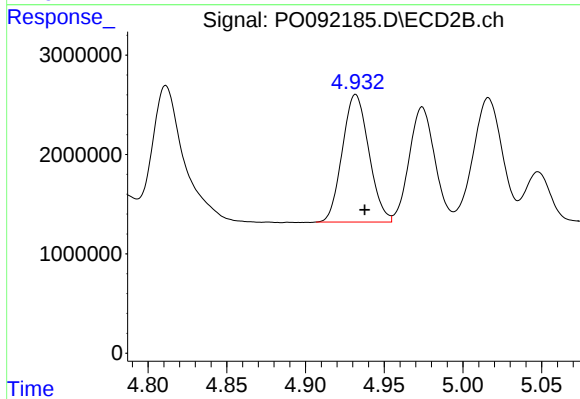
#17 AR-1242-2

R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 27570660
Conc: 518.75 ng/ml



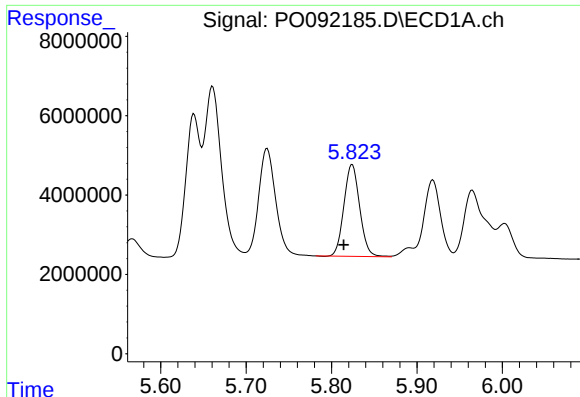
#18 AR-1242-3

R.T.: 5.725 min
Delta R.T.: 0.010 min
Response: 37965619
Conc: 563.29 ng/ml



#18 AR-1242-3

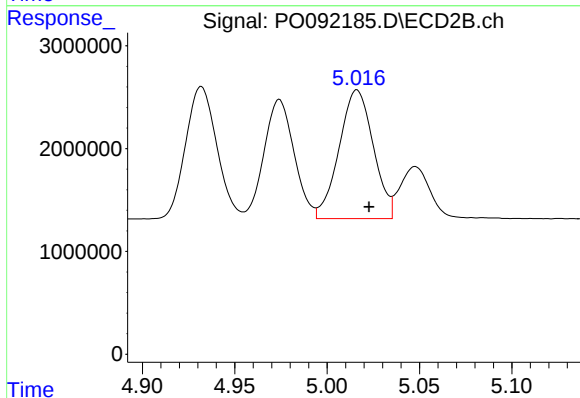
R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 15072651
Conc: 526.78 ng/ml



#19 AR-1242-4

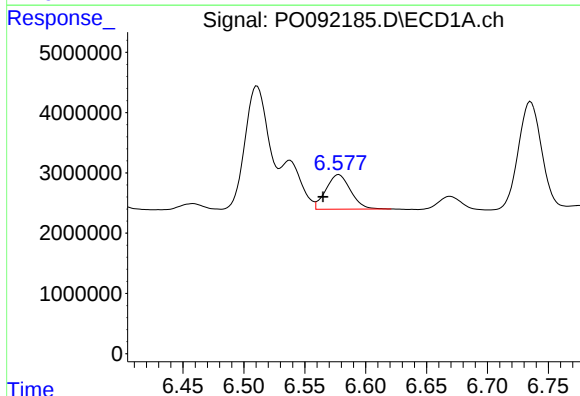
R.T.: 5.824 min
Delta R.T.: 0.010 min
Response: 29751500
Conc: 573.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



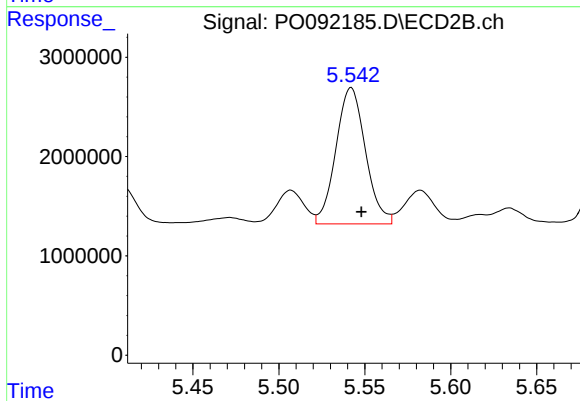
#19 AR-1242-4

R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 16139490
Conc: 525.05 ng/ml



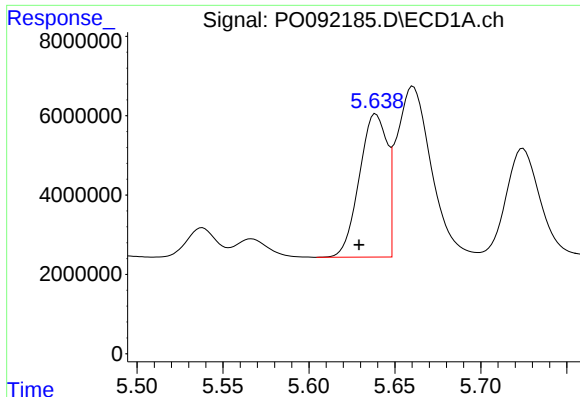
#20 AR-1242-5

R.T.: 6.578 min
Delta R.T.: 0.013 min
Response: 8062263
Conc: 159.24 ng/ml



#20 AR-1242-5

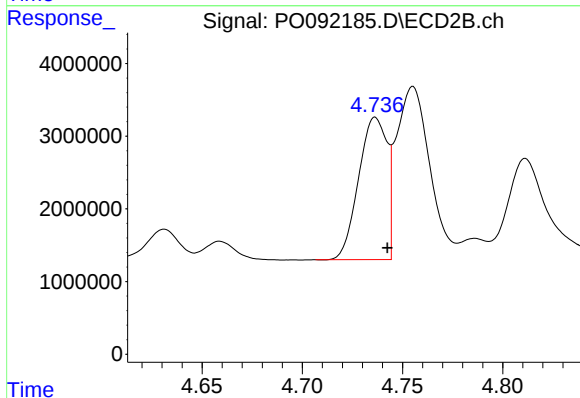
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 16437325
Conc: 498.42 ng/ml



#21 AR-1248-1

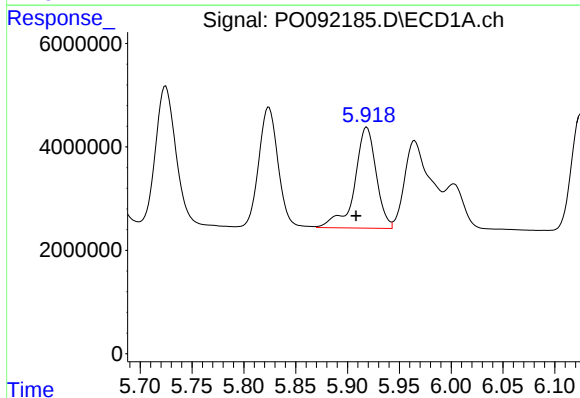
R.T.: 5.639 min
Delta R.T.: 0.010 min
Response: 40467041
Conc: 739.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



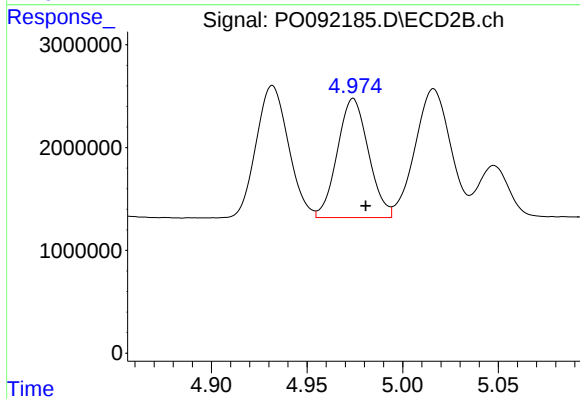
#21 AR-1248-1

R.T.: 4.736 min
Delta R.T.: -0.006 min
Response: 19299313
Conc: 676.73 ng/ml



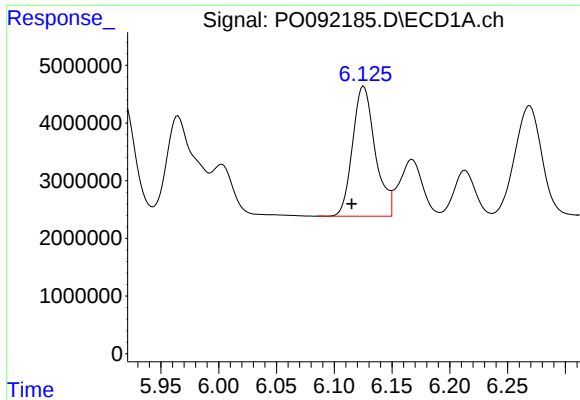
#22 AR-1248-2

R.T.: 5.919 min
Delta R.T.: 0.010 min
Response: 28308179
Conc: 327.27 ng/ml



#22 AR-1248-2

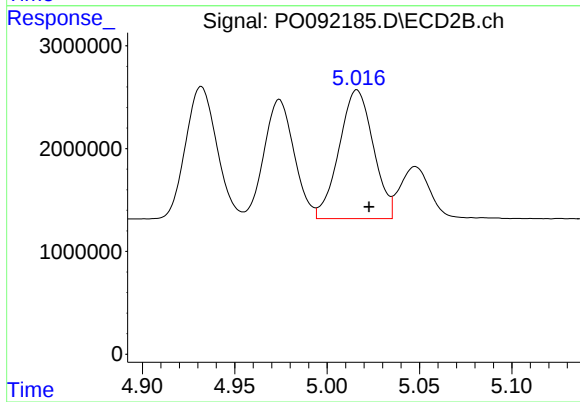
R.T.: 4.974 min
Delta R.T.: -0.006 min
Response: 13125203
Conc: 295.92 ng/ml



#23 AR-1248-3

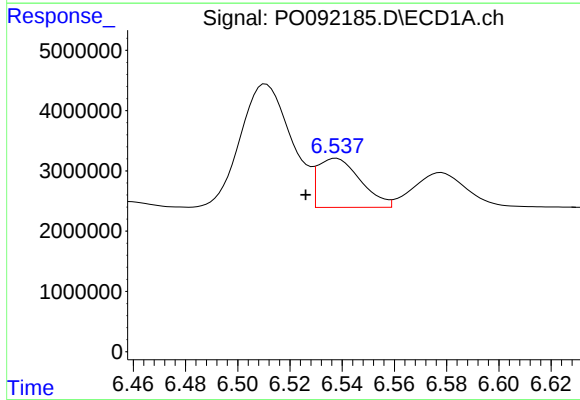
R.T.: 6.125 min
Delta R.T.: 0.010 min
Response: 30659995
Conc: 333.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



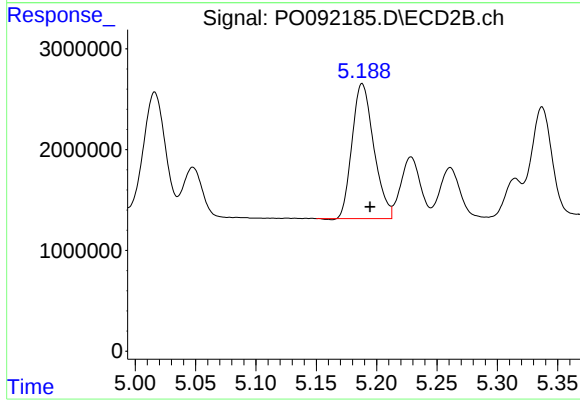
#23 AR-1248-3

R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 16139490
Conc: 354.26 ng/ml



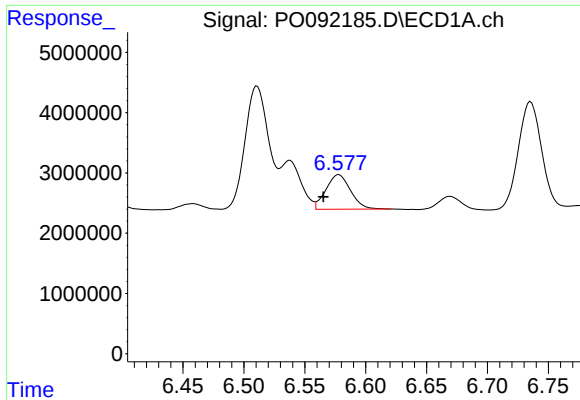
#24 AR-1248-4

R.T.: 6.538 min
Delta R.T.: 0.011 min
Response: 9226700
Conc: 103.73 ng/ml



#24 AR-1248-4

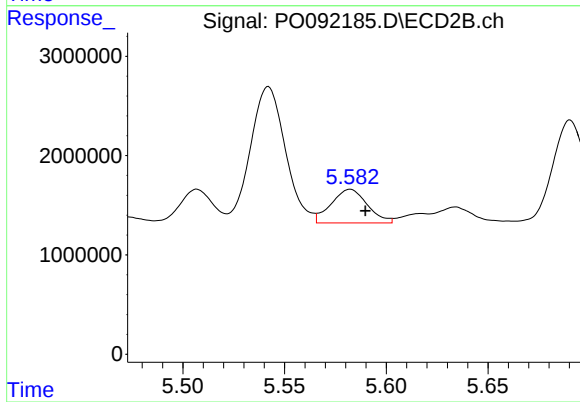
R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 16765312
Conc: 321.53 ng/ml



#25 AR-1248-5

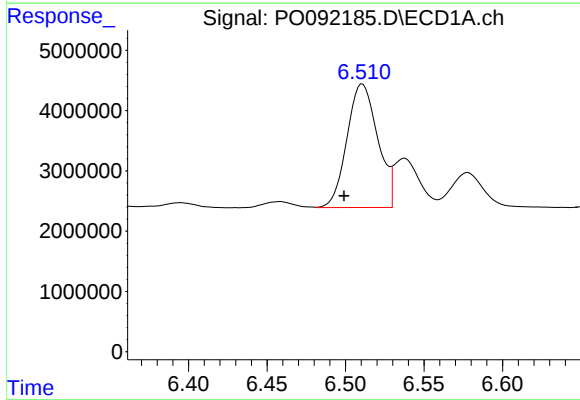
R.T.: 6.578 min
Delta R.T.: 0.013 min
Response: 8062263
Conc: 93.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



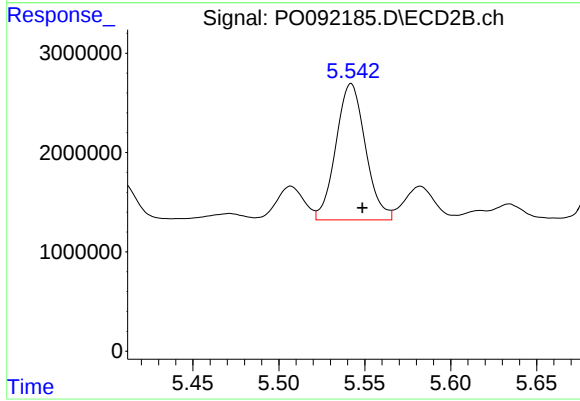
#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: -0.007 min
Response: 4180357
Conc: 94.52 ng/ml



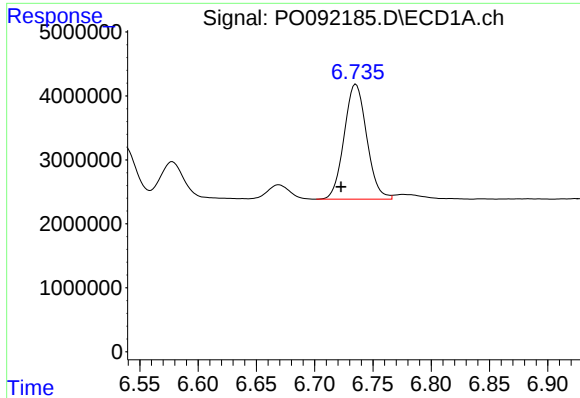
#26 AR-1254-1

R.T.: 6.511 min
Delta R.T.: 0.012 min
Response: 27911541
Conc: 269.78 ng/ml



#26 AR-1254-1

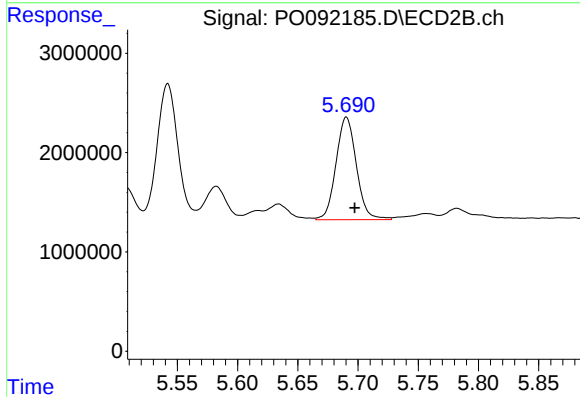
R.T.: 5.542 min
Delta R.T.: -0.007 min
Response: 16437325
Conc: 222.64 ng/ml



#27 AR-1254-2

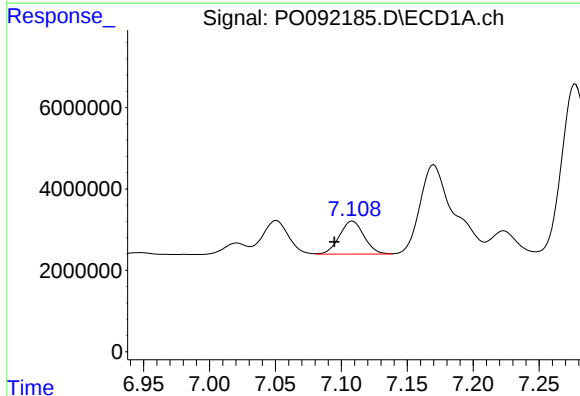
R.T.: 6.735 min
Delta R.T.: 0.013 min
Response: 24255209
Conc: 160.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



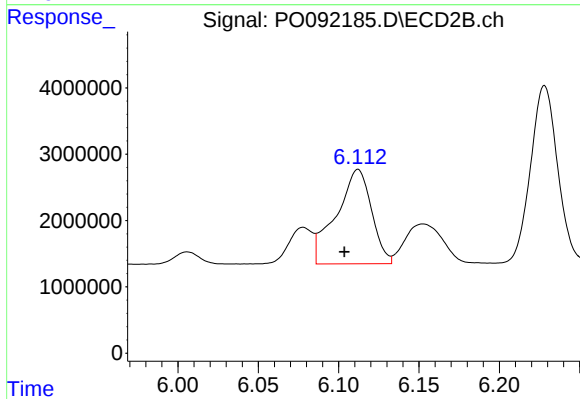
#27 AR-1254-2

R.T.: 5.690 min
Delta R.T.: -0.007 min
Response: 12177376
Conc: 186.36 ng/ml



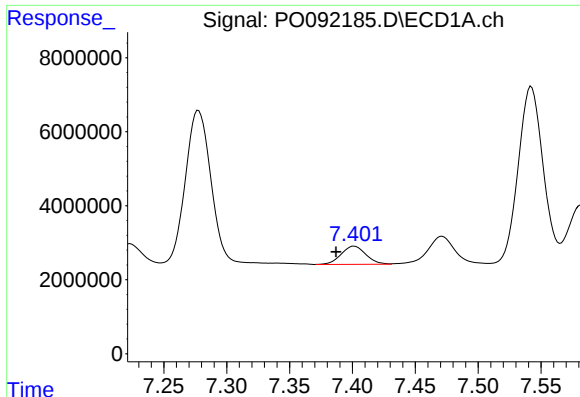
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: 0.014 min
Response: 10574503
Conc: 70.72 ng/ml



#28 AR-1254-3

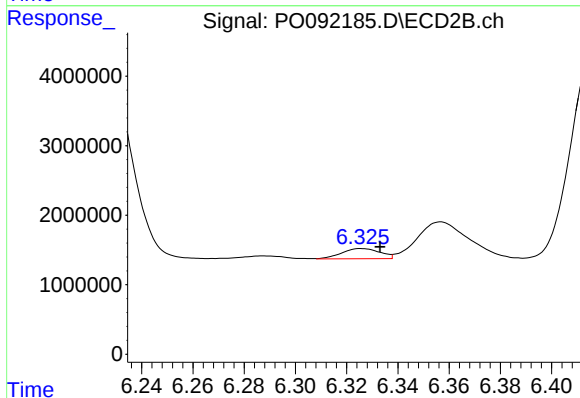
R.T.: 6.112 min
Delta R.T.: 0.009 min
Response: 21820032
Conc: 224.81 ng/ml



#29 AR-1254-4

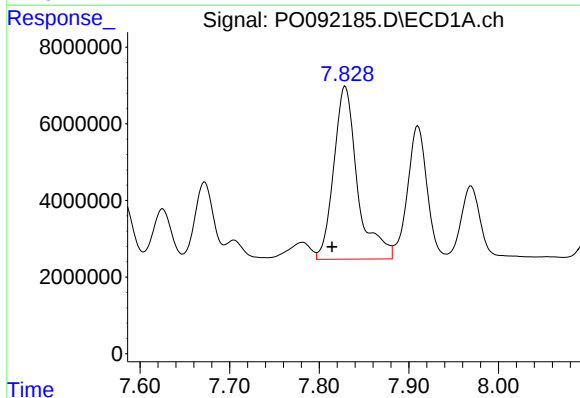
R.T.: 7.401 min
Delta R.T.: 0.014 min
Response: 6722779
Conc: 70.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



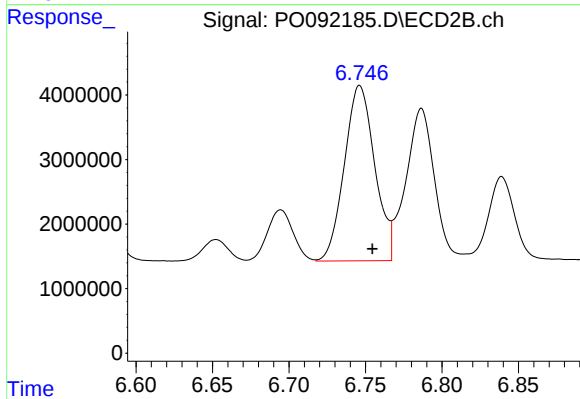
#29 AR-1254-4

R.T.: 6.326 min
Delta R.T.: -0.007 min
Response: 1514112
Conc: 31.24 ng/ml



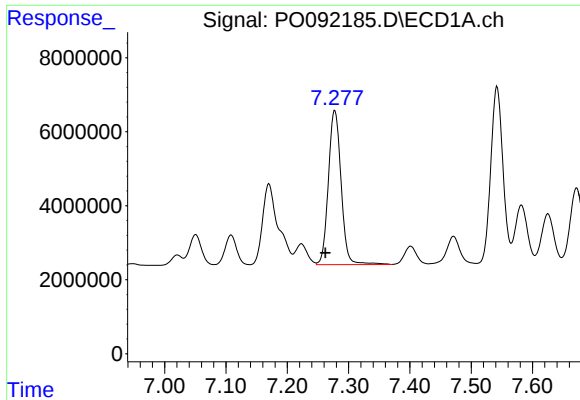
#30 AR-1254-5

R.T.: 7.829 min
Delta R.T.: 0.015 min
Response: 83076612
Conc: 669.69 ng/ml



#30 AR-1254-5

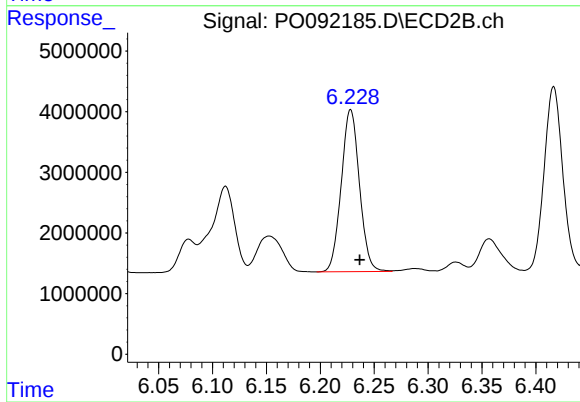
R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 37636872
Conc: 488.77 ng/ml



#31 AR-1260-1

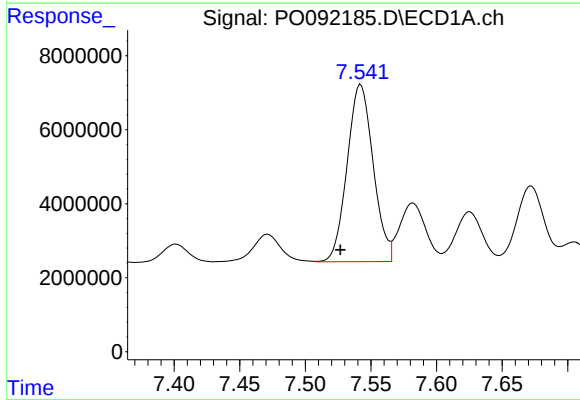
R.T.: 7.278 min
Delta R.T.: 0.015 min
Response: 60232540
Conc: 501.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



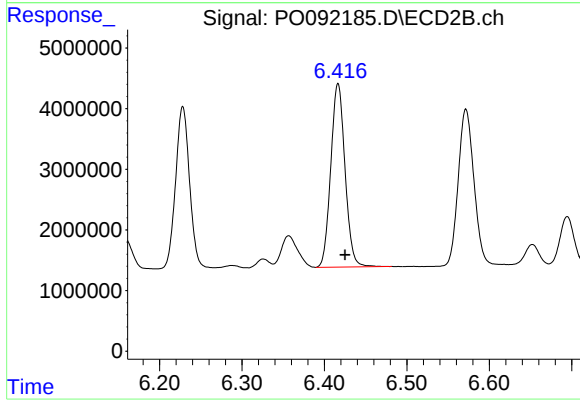
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: -0.008 min
Response: 31431582
Conc: 483.37 ng/ml



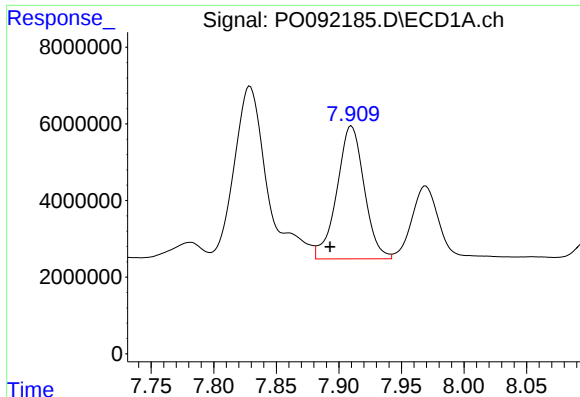
#32 AR-1260-2

R.T.: 7.542 min
Delta R.T.: 0.016 min
Response: 66169317
Conc: 515.09 ng/ml



#32 AR-1260-2

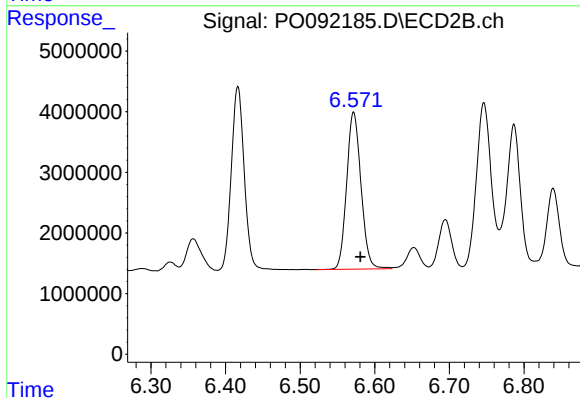
R.T.: 6.417 min
Delta R.T.: -0.009 min
Response: 36359215
Conc: 496.38 ng/ml



#33 AR-1260-3

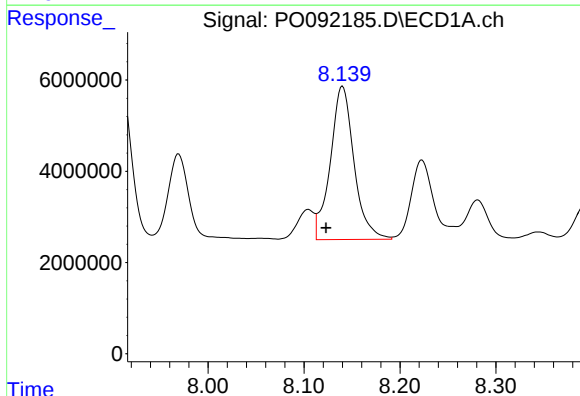
R.T.: 7.910 min
Delta R.T.: 0.017 min
Response: 52832830
Conc: 506.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



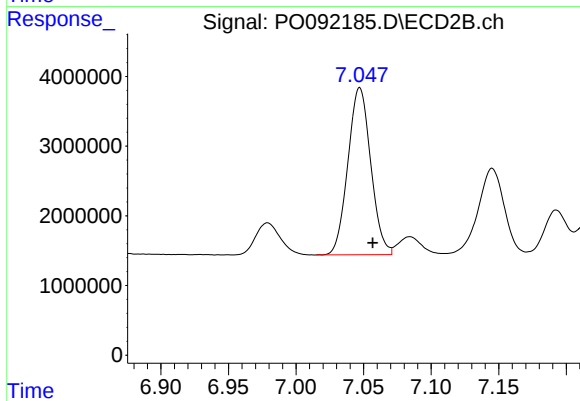
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: -0.009 min
Response: 34559340
Conc: 483.20 ng/ml



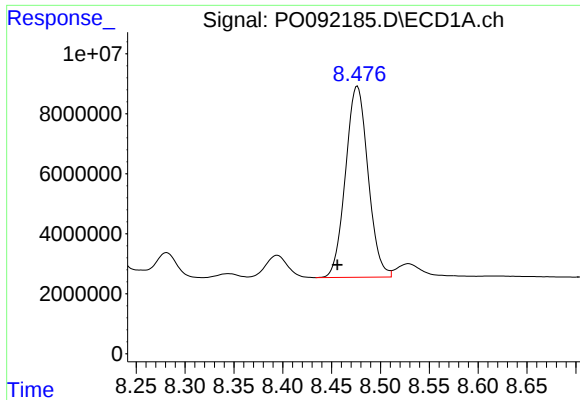
#34 AR-1260-4

R.T.: 8.140 min
Delta R.T.: 0.017 min
Response: 57817206
Conc: 500.77 ng/ml



#34 AR-1260-4

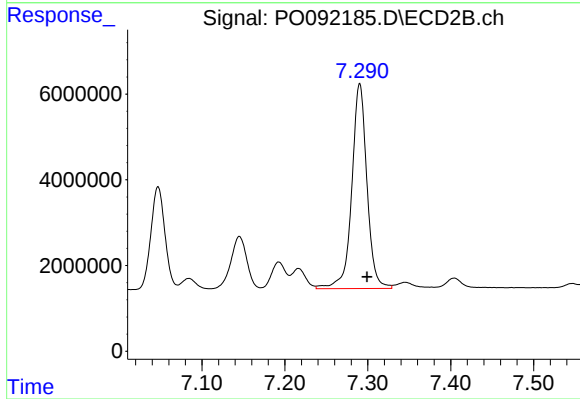
R.T.: 7.047 min
Delta R.T.: -0.010 min
Response: 28222113
Conc: 523.80 ng/ml



#35 AR-1260-5

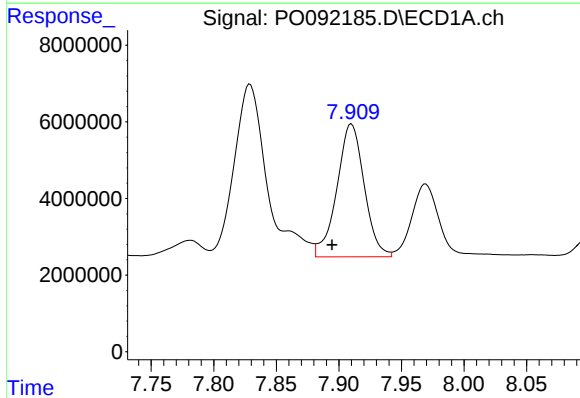
R.T.: 8.476 min
Delta R.T.: 0.020 min
Response: 102288591
Conc: 512.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



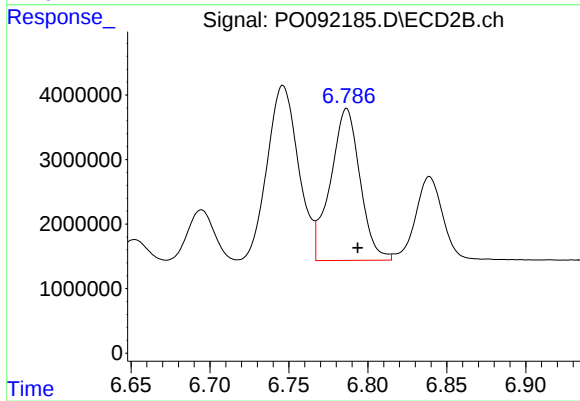
#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.009 min
Response: 60795205
Conc: 541.80 ng/ml



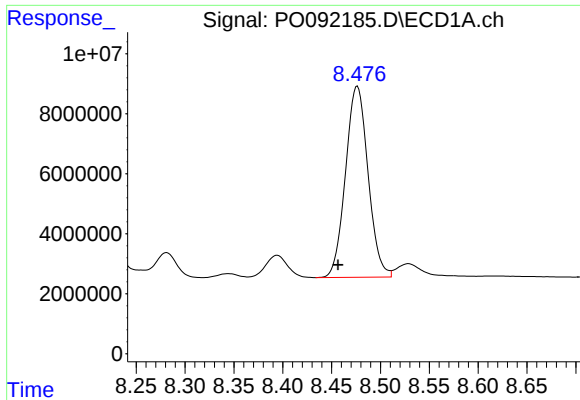
#36 AR-1262-1

R.T.: 7.910 min
Delta R.T.: 0.016 min
Response: 52832830
Conc: 409.87 ng/ml



#36 AR-1262-1

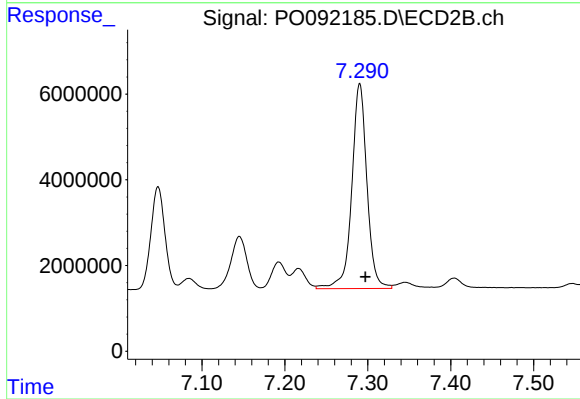
R.T.: 6.787 min
Delta R.T.: -0.007 min
Response: 30663559
Conc: 400.26 ng/ml



#37 AR-1262-2

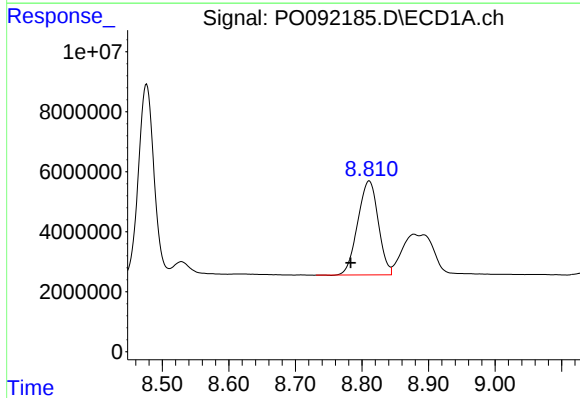
R.T.: 8.476 min
Delta R.T.: 0.020 min
Response: 102288591
Conc: 527.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



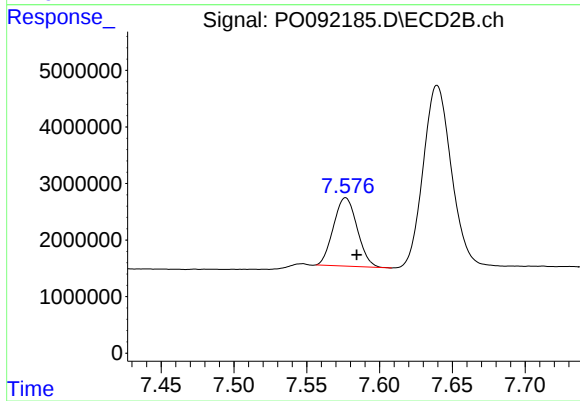
#37 AR-1262-2

R.T.: 7.290 min
Delta R.T.: -0.007 min
Response: 60795205
Conc: 525.11 ng/ml



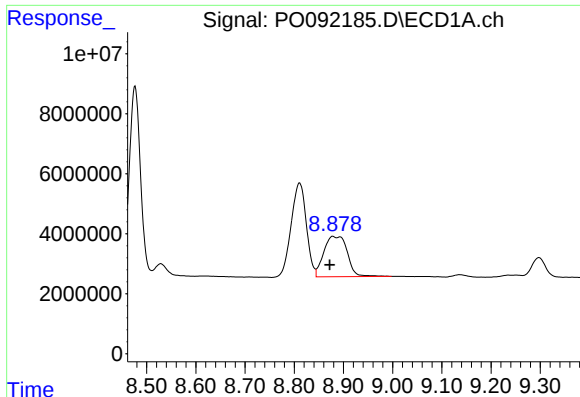
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.028 min
Response: 67204919
Conc: 476.46 ng/ml



#38 AR-1262-3

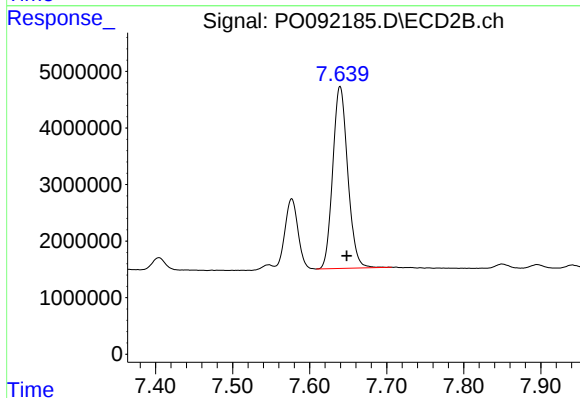
R.T.: 7.577 min
Delta R.T.: -0.007 min
Response: 13670371
Conc: 305.72 ng/ml



#39 AR-1262-4

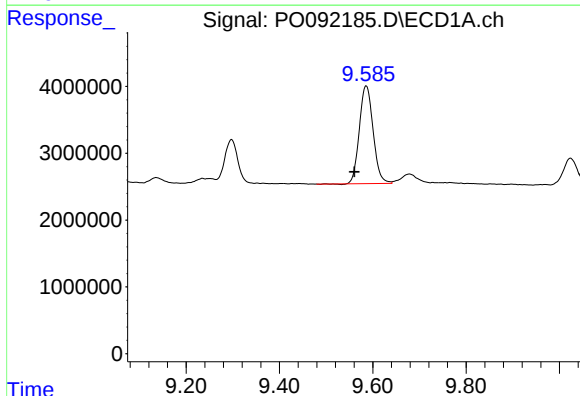
R.T.: 8.879 min
Delta R.T.: 0.006 min
Response: 44706670
Conc: 530.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



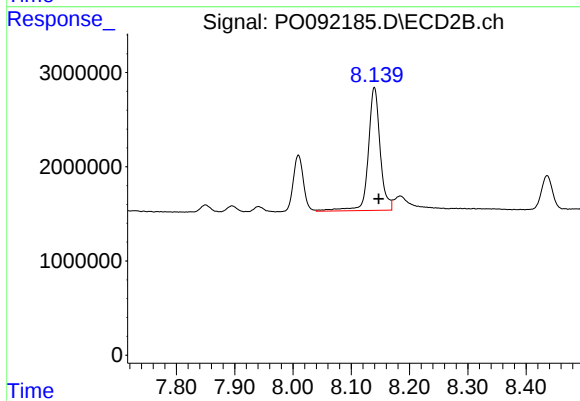
#39 AR-1262-4

R.T.: 7.640 min
Delta R.T.: -0.008 min
Response: 43467013
Conc: 523.46 ng/ml



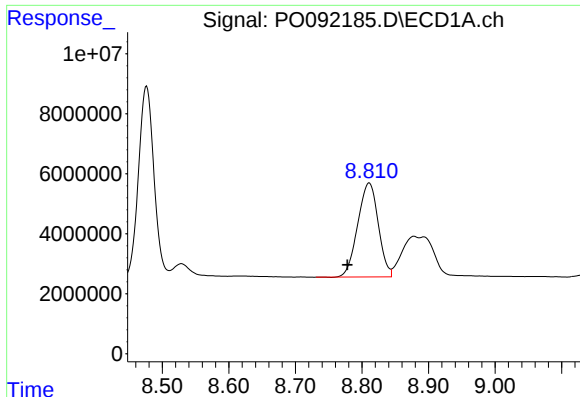
#40 AR-1262-5

R.T.: 9.586 min
Delta R.T.: 0.026 min
Response: 29903182
Conc: 416.70 ng/ml



#40 AR-1262-5

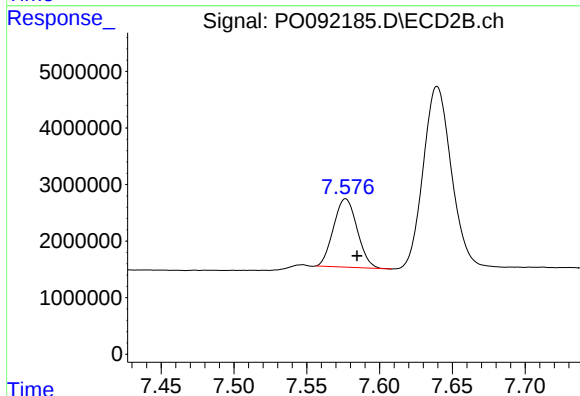
R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 18496010
Conc: 507.62 ng/ml



#41 AR-1268-1

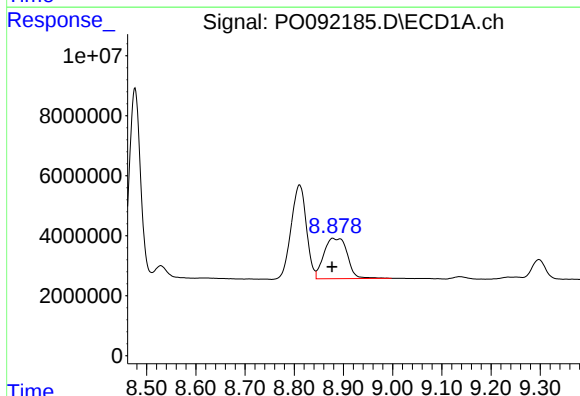
R.T.: 8.811 min
Delta R.T.: 0.033 min
Response: 67204919
Conc: 234.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



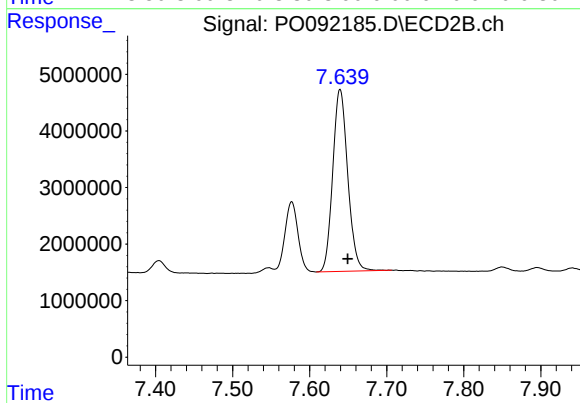
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: -0.008 min
Response: 13670371
Conc: 89.69 ng/ml



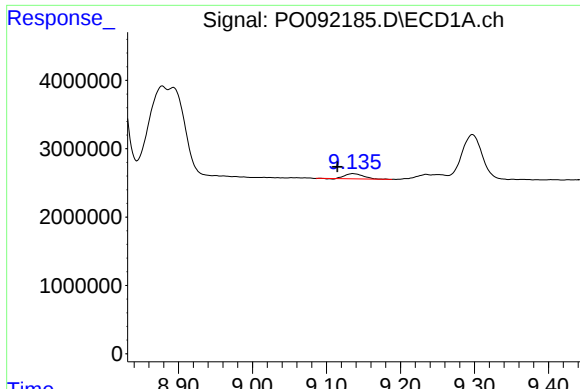
#42 AR-1268-2

R.T.: 8.879 min
Delta R.T.: 0.002 min
Response: 44706670
Conc: 153.80 ng/ml



#42 AR-1268-2

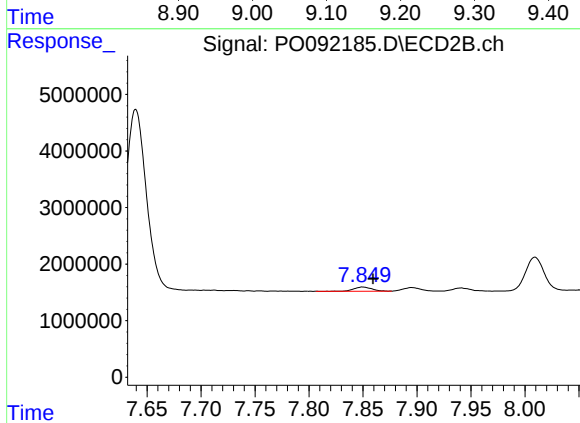
R.T.: 7.640 min
Delta R.T.: -0.010 min
Response: 43467013
Conc: 317.61 ng/ml



#43 AR-1268-3

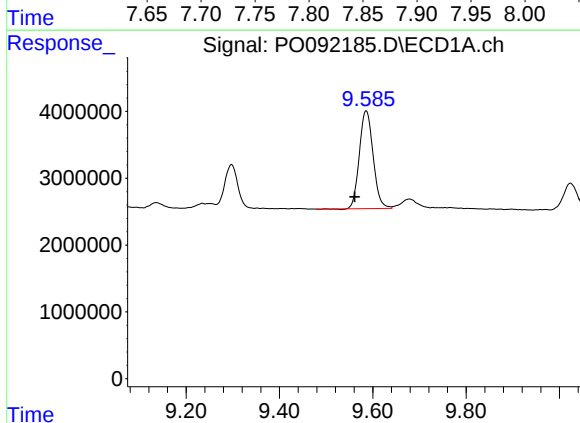
R.T.: 9.136 min
Delta R.T.: 0.021 min
Response: 1328345
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



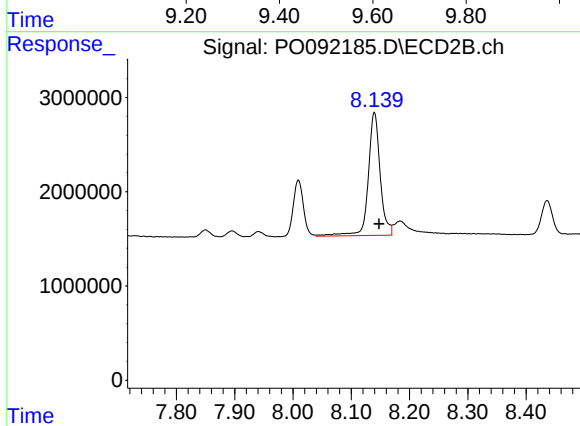
#43 AR-1268-3

R.T.: 7.850 min
Delta R.T.: -0.010 min
Response: 862899
Conc: 6.79 ng/ml



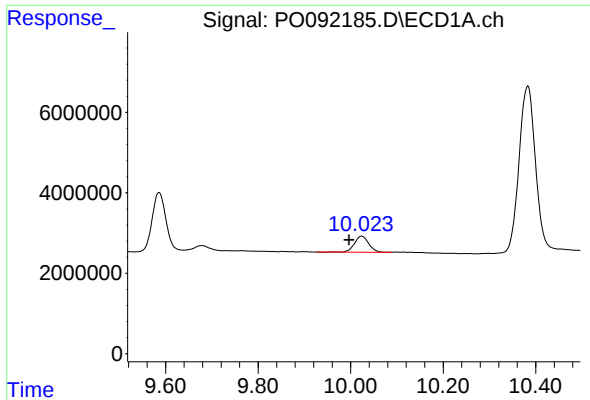
#44 AR-1268-4

R.T.: 9.586 min
Delta R.T.: 0.024 min
Response: 29903182
Conc: 332.07 ng/ml



#44 AR-1268-4

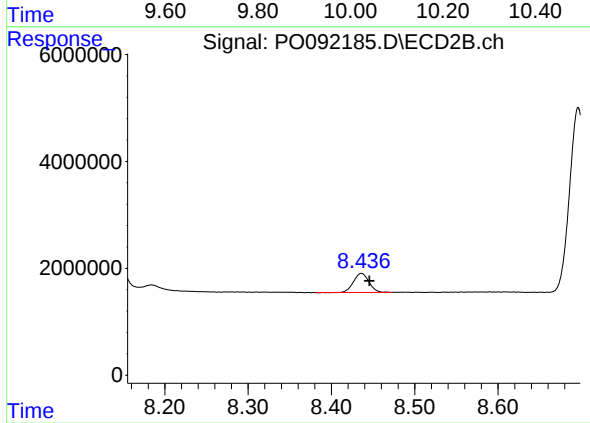
R.T.: 8.140 min
Delta R.T.: -0.008 min
Response: 18496010
Conc: 390.52 ng/ml



#45 AR-1268-5

R.T.: 10.024 min
Delta R.T.: 0.027 min
Response: 8486355
Conc: 11.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.436 min
Delta R.T.: -0.010 min
Response: 4659948
Conc: 12.50 ng/ml