

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083122\
 Data File : P0089174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 16:03
 Operator : YP/AJ
 Sample : N4433-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 16:22:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 29 17:48:02 2022
 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...	4.430	3.588	75762194	19676737	20.205	20.385
2)	SA Decachlor...	10.267	8.575	43764794	19219178	19.009	21.734
Target Compounds							
3)	L1 AR-1016-1	5.606	4.663	54050732	17495312	480.725	484.458
4)	L1 AR-1016-2	5.628	4.681	75755394	21676094	480.686	439.060
5)	L1 AR-1016-3	5.691	4.856	45046591	13247164	461.884	498.067
6)	L1 AR-1016-4	5.790	4.898	36789680	10989706	467.547	510.597
7)	L1 AR-1016-5	6.087	5.110	34970890	10767687	455.685	369.037
8)	L2 AR-1221-1	4.638	3.799	22551654	4467531	530.374	390.431 #
9)	L2 AR-1221-2	4.726	3.884	25104392	9013360	803.400	1030.467 #
10)	L2 AR-1221-3	4.803	3.958	44773315	12974604	482.281	466.124
11)	L3 AR-1232-1	4.803	3.958	44773315	12974604	608.689	564.893
12)	L3 AR-1232-2	5.141	4.681	56498919	21676094	1506.629	1024.776 #
13)	L3 AR-1232-3	5.628	4.856	75755394	13247164	1134.846	1188.415
14)	L3 AR-1232-4	5.790	4.941	36789680	11979985	1118.963	1173.428
15)	L3 AR-1232-5	5.883	5.110	28615057	10767687	1058.847	922.572
16)	L4 AR-1242-1	5.606	4.663	54050732	17495312	611.497	600.585
17)	L4 AR-1242-2	5.628	4.681	75755394	21676094	612.083	547.174
18)	L4 AR-1242-3	5.691	4.856	45046591	13247164	586.052	621.719
19)	L4 AR-1242-4	5.790	4.941	36789680	11979985	592.351	550.579
20)	L4 AR-1242-5	6.532	5.462	12777983	13491801	198.501	493.893 #
21)	L5 AR-1248-1	5.606	4.663	54050732	17495312	784.896	778.977
22)	L5 AR-1248-2	5.883	4.898	28615057	10989706	289.938	335.983
23)	L5 AR-1248-3	6.087	4.941	34970890	11979985	333.799	351.423
24)	L5 AR-1248-4	6.494	5.110	11586910	10767687	100.708	264.172 #
25)	L5 AR-1248-5	6.532	5.503	12777983	3365104	112.895	84.681
26)	L6 AR-1254-1	6.466	5.462	36268083	13491801	315.327	228.050 #
27)	L6 AR-1254-2	6.685	5.609	44216615	13006355	259.845	254.971
28)	L6 AR-1254-3	7.057	6.025	23713764	17407141	136.539	220.416 #
29)	L6 AR-1254-4	7.344	6.239	32203610	3992315	257.988	80.539 #
30)	L6 AR-1254-5	7.762	6.657	85174276	35999607	661.279	532.451
31)	L7 AR-1260-1	7.219	6.141	72423998	27344294	537.847	487.391
32)	L7 AR-1260-2	7.476	6.330	75454839	32158464	494.417	473.252
33)	L7 AR-1260-3	7.839	6.482	46442925	28331446	415.629	461.771
34)	L7 AR-1260-4	8.067	6.954	52595849	21593822	426.053	428.514
35)	L7 AR-1260-5	8.394	7.197	101.4E6	52144583	424.919	455.746
36)	L8 AR-1262-1	7.839	6.749	46442925	13262368	307.766	468.420 #
37)	L8 AR-1262-2	8.394	7.197	101.4E6	52144583	398.163	432.403
38)	L8 AR-1262-3	8.730	7.480	61210014	11994264	358.001	249.040 #
39)	L8 AR-1262-4	8.806	7.544	13594504	34787074	194.574	389.184 #
40)	L8 AR-1262-5	9.484	8.039	24939021	11573886	262.926	282.223
41)	L9 AR-1268-1	8.730	7.480	61210014	11994264	211.635	83.869 #

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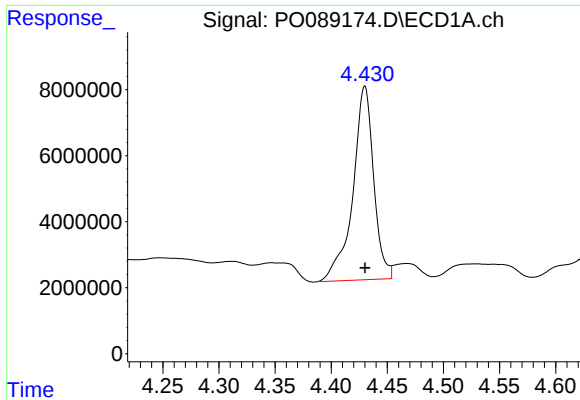
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 16:22:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082922.M
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 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	8.806	7.544	13594504	34787074	50.823	270.584 #
43) L9	AR-1268-3	9.045	7.748	1671845	906439	7.210	8.416
44) L9	AR-1268-4	9.484	8.039	24939021	11573886	252.445	253.924
45) L9	AR-1268-5	9.915	8.325	8868580	3614893	12.172	11.069

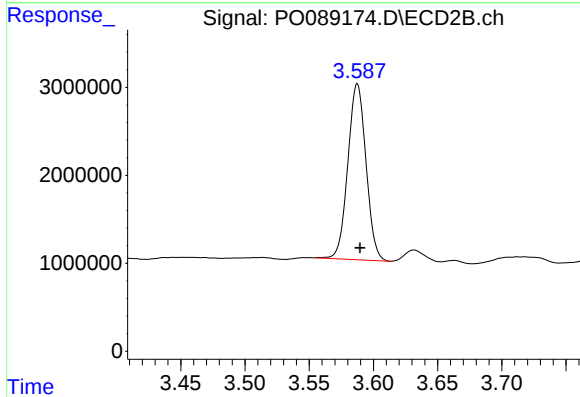
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

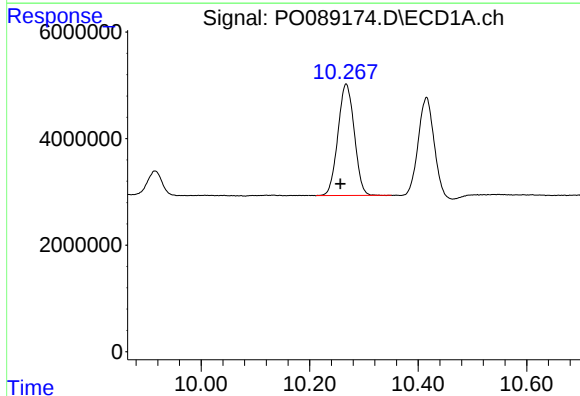
R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 75762194
Conc: 20.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



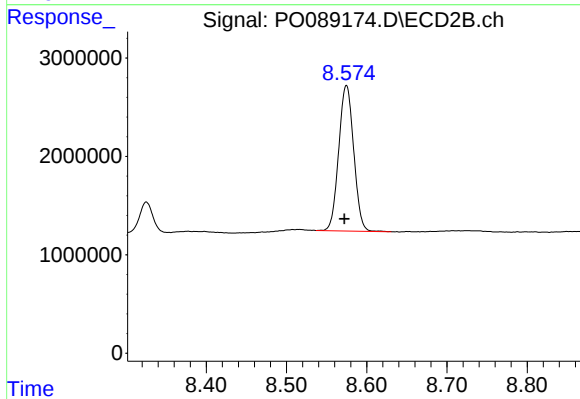
#1 Tetrachloro-m-xylene

R.T.: 3.588 min
Delta R.T.: -0.002 min
Response: 19676737
Conc: 20.38 ng/ml



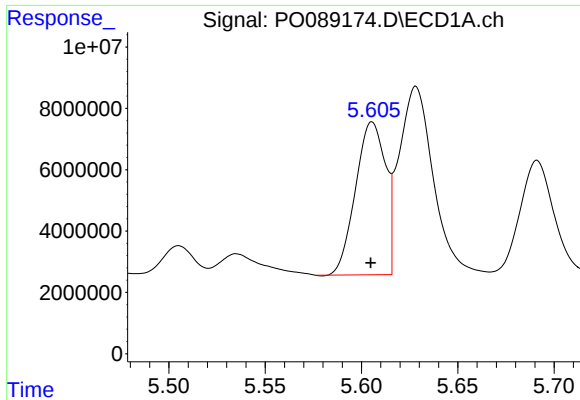
#2 Decachlorobiphenyl

R.T.: 10.267 min
Delta R.T.: 0.010 min
Response: 43764794
Conc: 19.01 ng/ml



#2 Decachlorobiphenyl

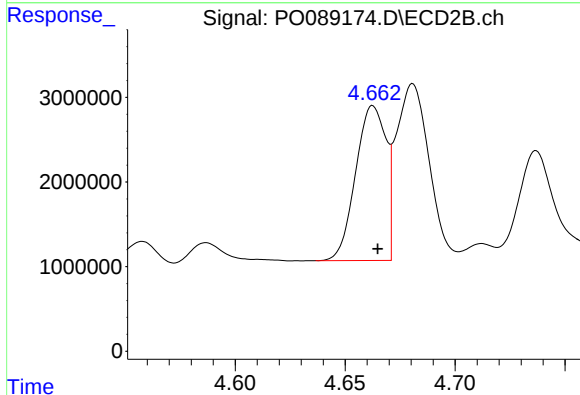
R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 19219178
Conc: 21.73 ng/ml



#3 AR-1016-1

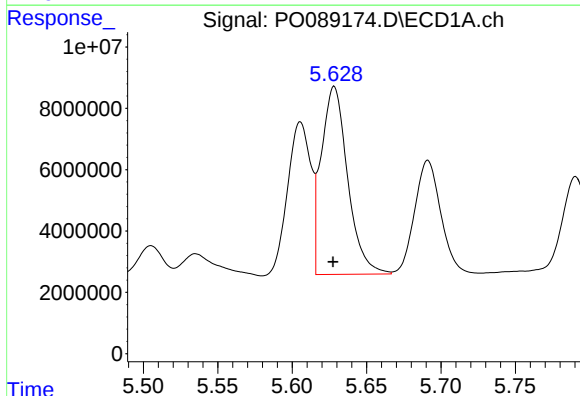
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 54050732
Conc: 480.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



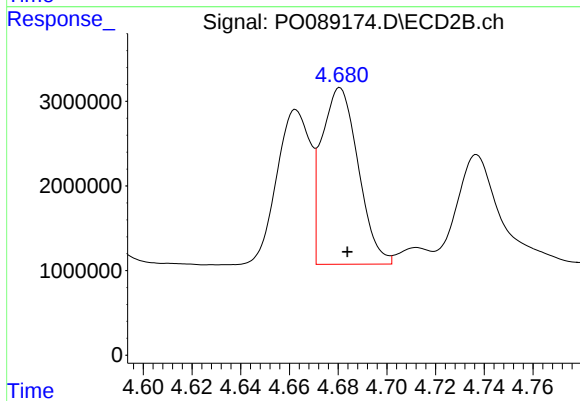
#3 AR-1016-1

R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 17495312
Conc: 484.46 ng/ml



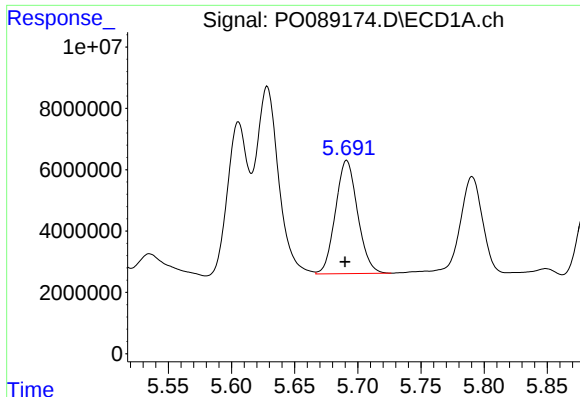
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 75755394
Conc: 480.69 ng/ml



#4 AR-1016-2

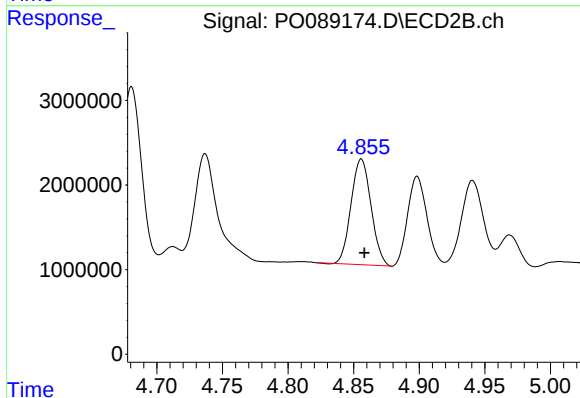
R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 21676094
Conc: 439.06 ng/ml



#5 AR-1016-3

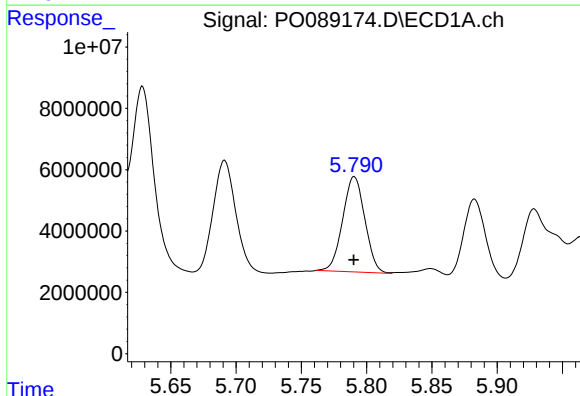
R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 45046591
Conc: 461.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



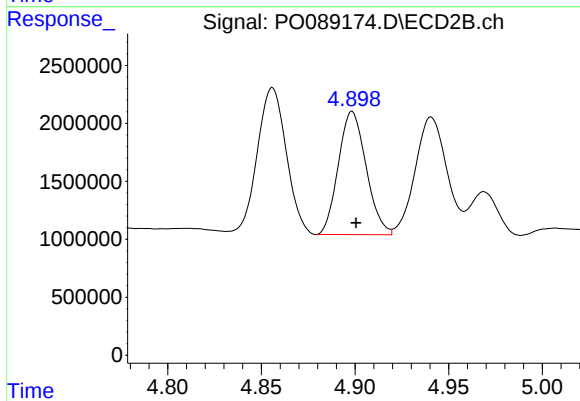
#5 AR-1016-3

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 13247164
Conc: 498.07 ng/ml



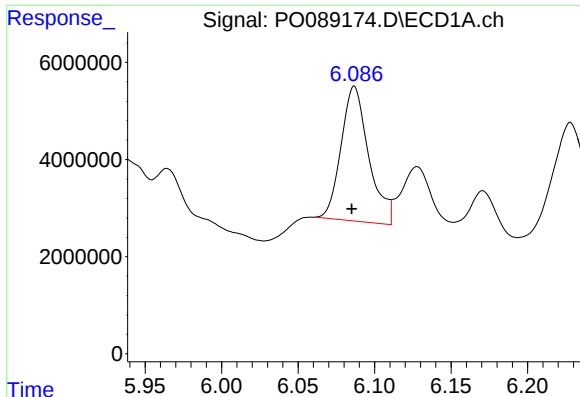
#6 AR-1016-4

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 36789680
Conc: 467.55 ng/ml



#6 AR-1016-4

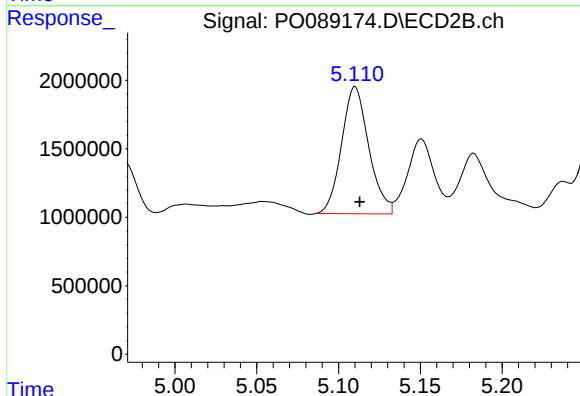
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 10989706
Conc: 510.60 ng/ml



#7 AR-1016-5

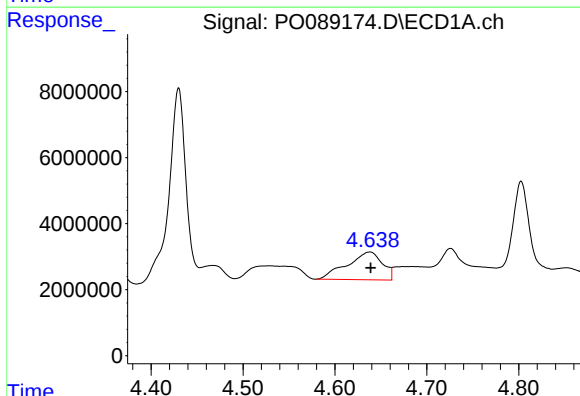
R.T.: 6.087 min
Delta R.T.: 0.002 min
Response: 34970890
Conc: 455.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



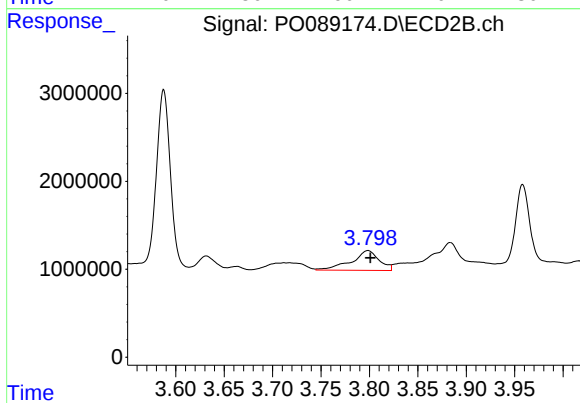
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 10767687
Conc: 369.04 ng/ml



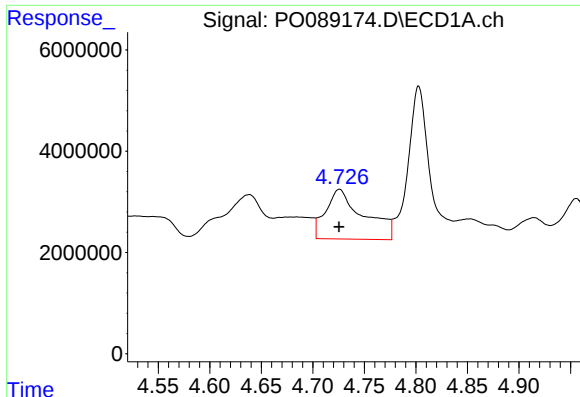
#8 AR-1221-1

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 22551654
Conc: 530.37 ng/ml



#8 AR-1221-1

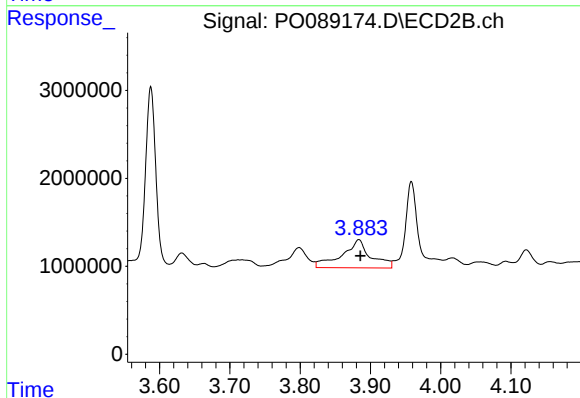
R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 4467531
Conc: 390.43 ng/ml



#9 AR-1221-2

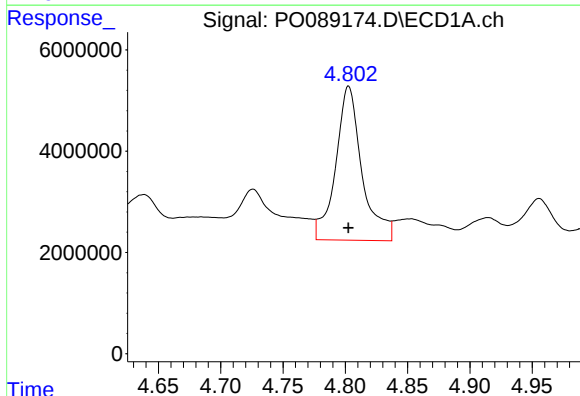
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 25104392
Conc: 803.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



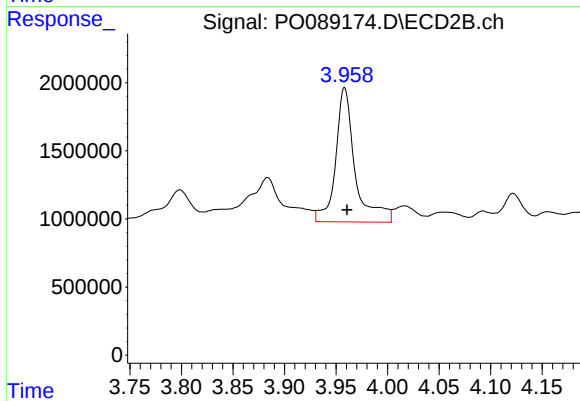
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.002 min
Response: 9013360
Conc: 1030.47 ng/ml



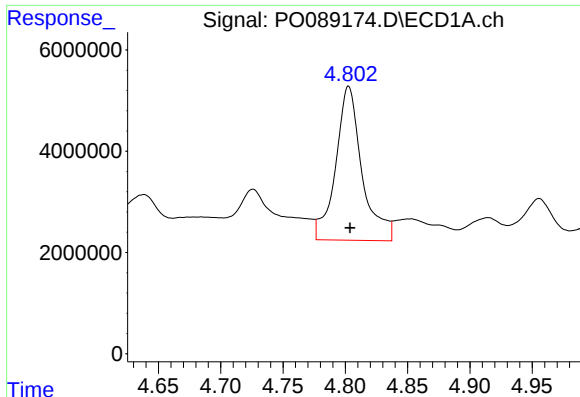
#10 AR-1221-3

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 44773315
Conc: 482.28 ng/ml



#10 AR-1221-3

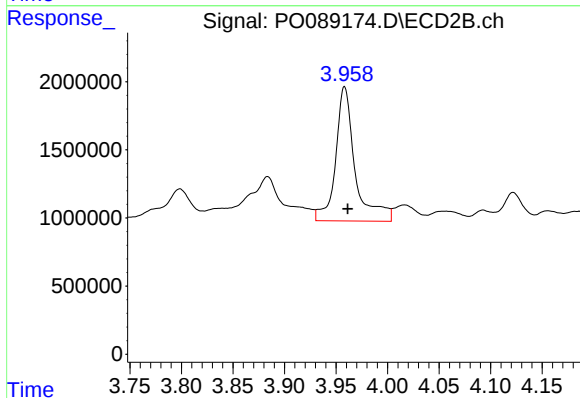
R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 12974604
Conc: 466.12 ng/ml



#11 AR-1232-1

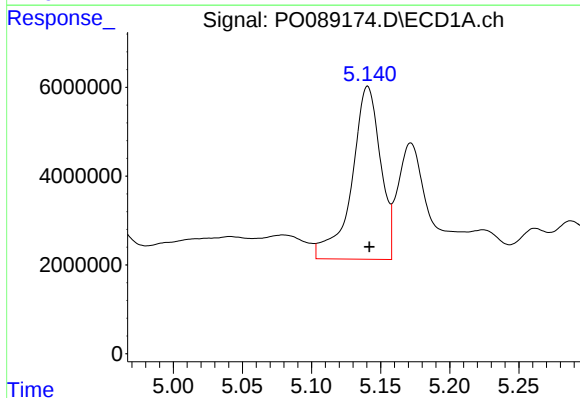
R.T.: 4.803 min
Delta R.T.: -0.001 min
Response: 44773315
Conc: 608.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



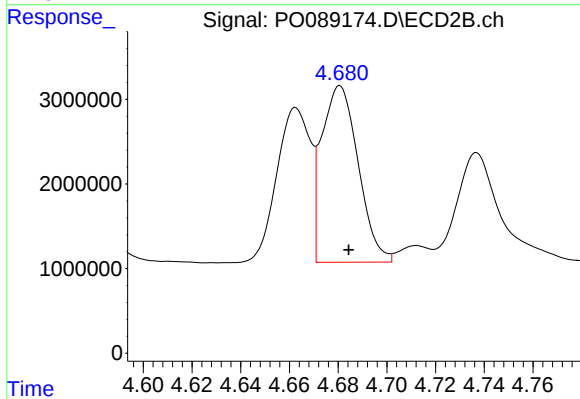
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 12974604
Conc: 564.89 ng/ml



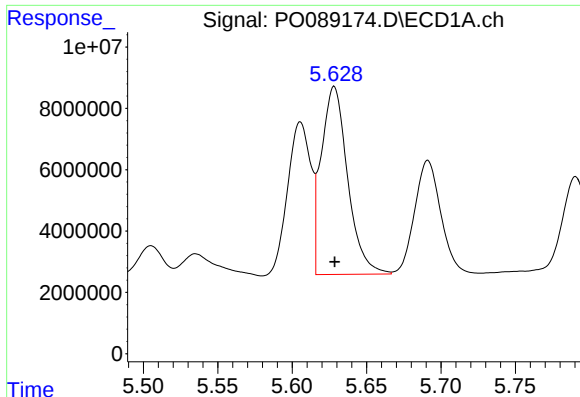
#12 AR-1232-2

R.T.: 5.141 min
Delta R.T.: -0.001 min
Response: 56498919
Conc: 1506.63 ng/ml



#12 AR-1232-2

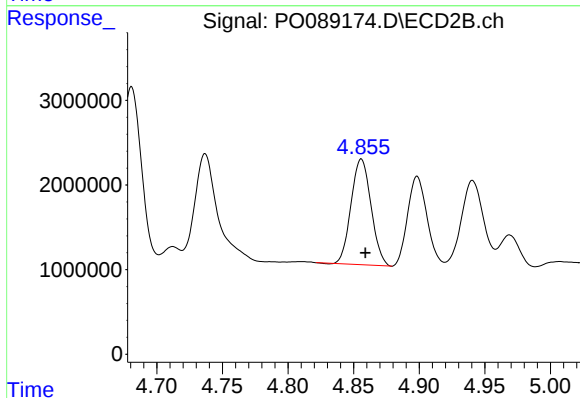
R.T.: 4.681 min
Delta R.T.: -0.004 min
Response: 21676094
Conc: 1024.78 ng/ml



#13 AR-1232-3

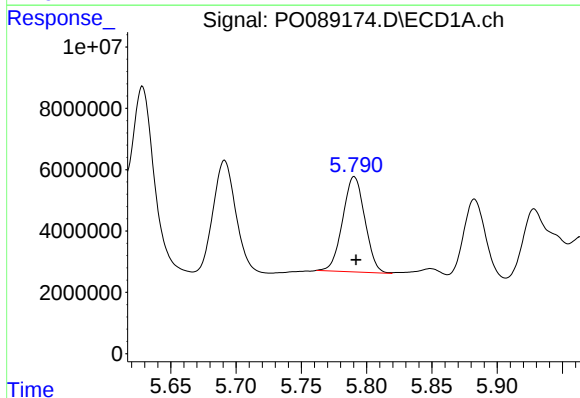
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 75755394
Conc: 1134.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



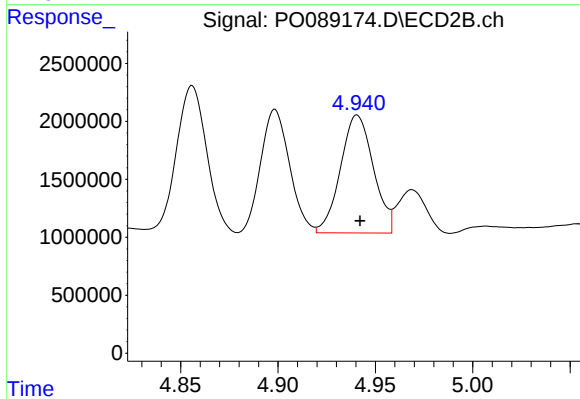
#13 AR-1232-3

R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 13247164
Conc: 1188.41 ng/ml



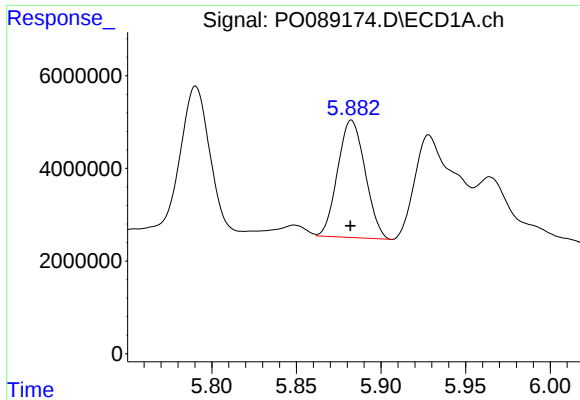
#14 AR-1232-4

R.T.: 5.790 min
Delta R.T.: -0.001 min
Response: 36789680
Conc: 1118.96 ng/ml



#14 AR-1232-4

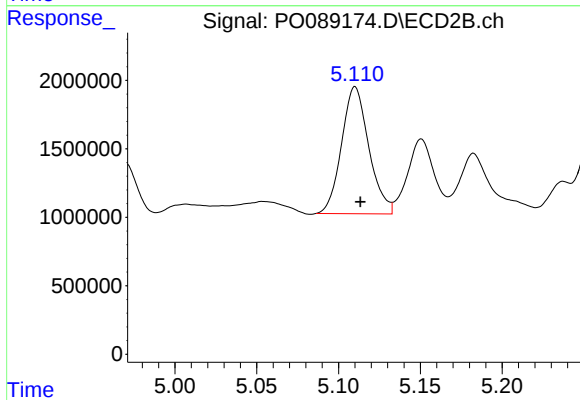
R.T.: 4.941 min
Delta R.T.: -0.001 min
Response: 11979985
Conc: 1173.43 ng/ml



#15 AR-1232-5

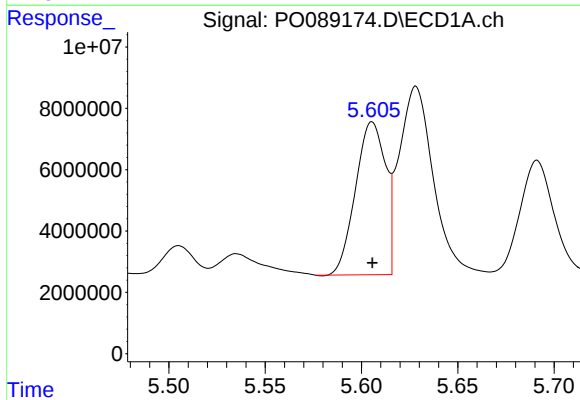
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 28615057
Conc: 1058.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



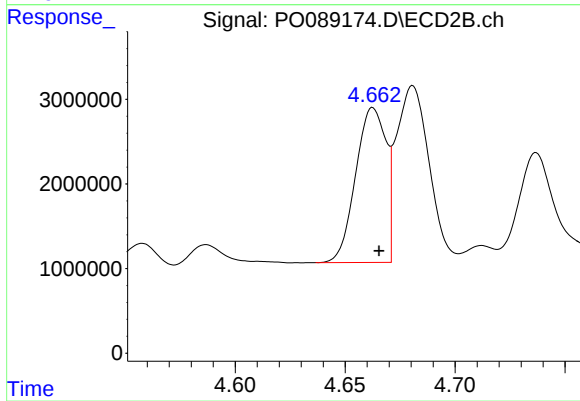
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 10767687
Conc: 922.57 ng/ml



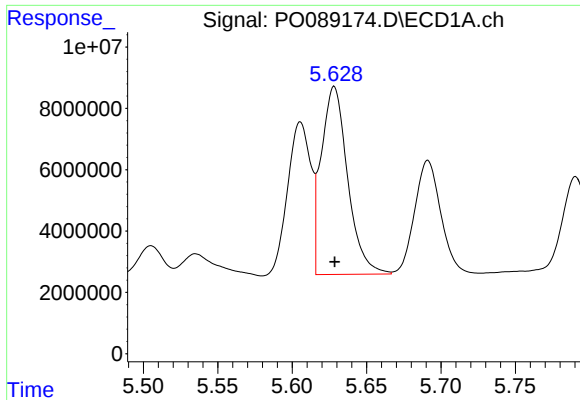
#16 AR-1242-1

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 54050732
Conc: 611.50 ng/ml



#16 AR-1242-1

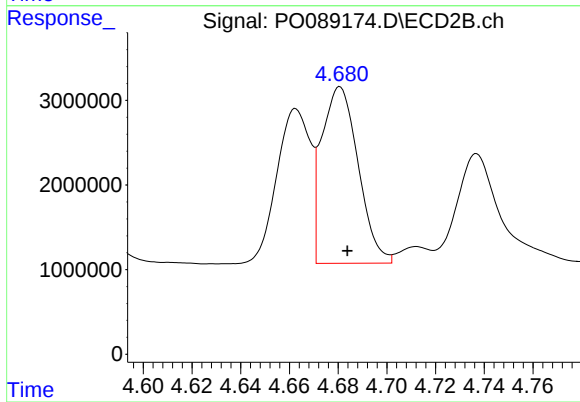
R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 17495312
Conc: 600.59 ng/ml



#17 AR-1242-2

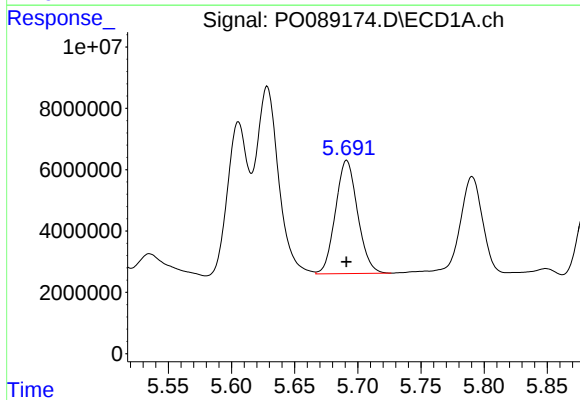
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 75755394
Conc: 612.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



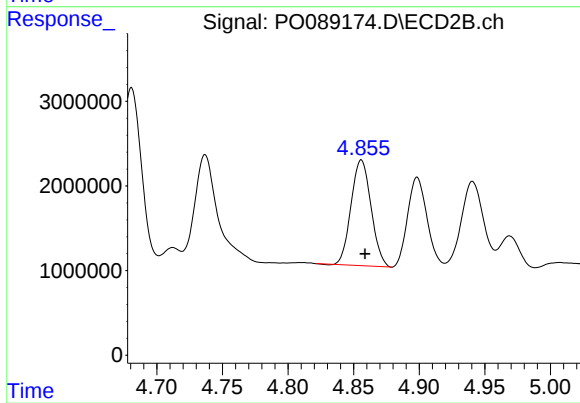
#17 AR-1242-2

R.T.: 4.681 min
Delta R.T.: -0.003 min
Response: 21676094
Conc: 547.17 ng/ml



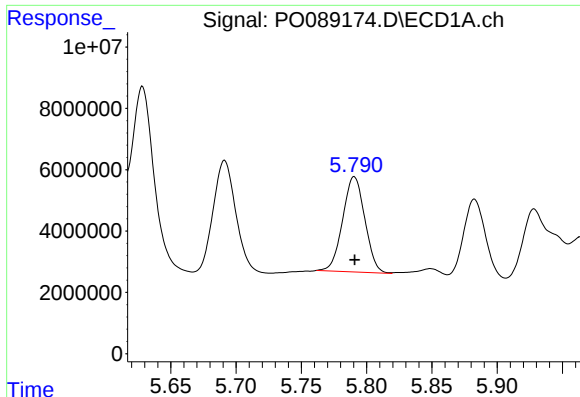
#18 AR-1242-3

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 45046591
Conc: 586.05 ng/ml



#18 AR-1242-3

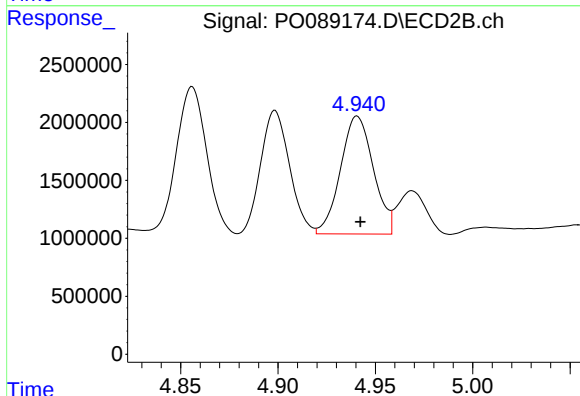
R.T.: 4.856 min
Delta R.T.: -0.003 min
Response: 13247164
Conc: 621.72 ng/ml



#19 AR-1242-4

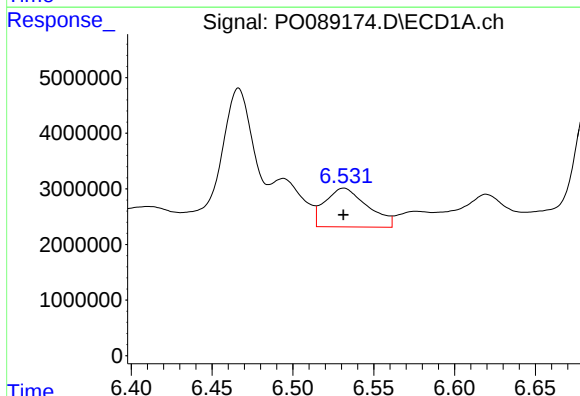
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 36789680
Conc: 592.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



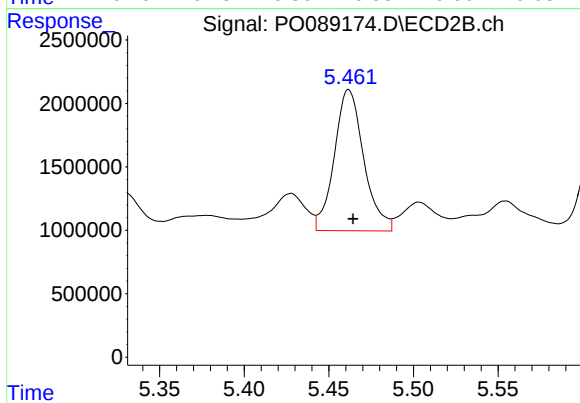
#19 AR-1242-4

R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 11979985
Conc: 550.58 ng/ml



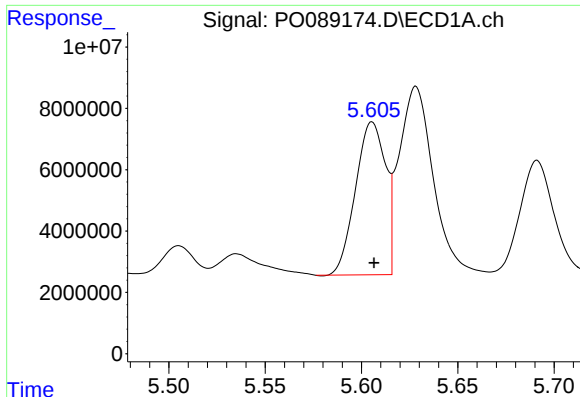
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 12777983
Conc: 198.50 ng/ml



#20 AR-1242-5

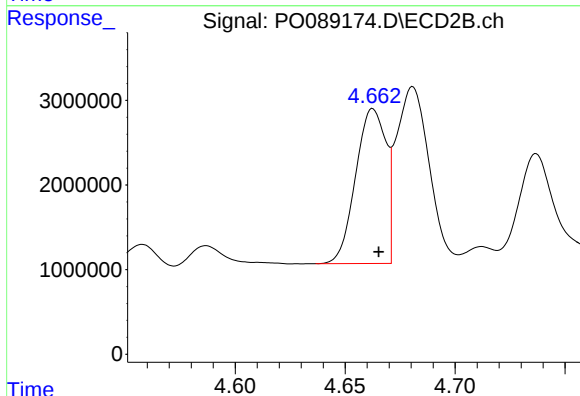
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 13491801
Conc: 493.89 ng/ml



#21 AR-1248-1

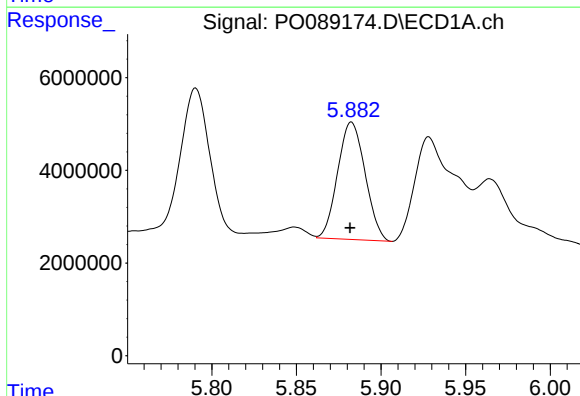
R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 54050732
Conc: 784.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



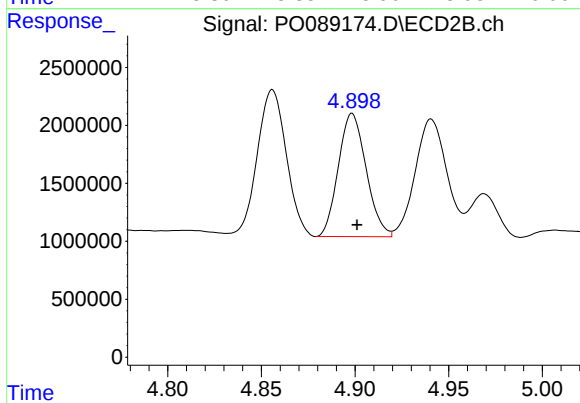
#21 AR-1248-1

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 17495312
Conc: 778.98 ng/ml



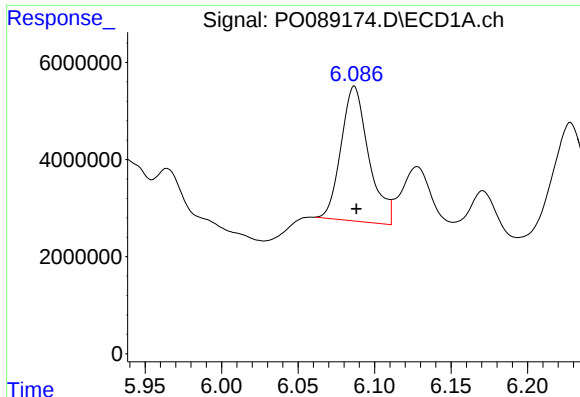
#22 AR-1248-2

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 28615057
Conc: 289.94 ng/ml



#22 AR-1248-2

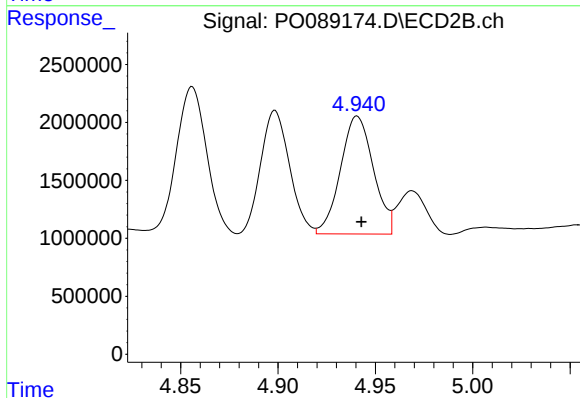
R.T.: 4.898 min
Delta R.T.: -0.003 min
Response: 10989706
Conc: 335.98 ng/ml



#23 AR-1248-3

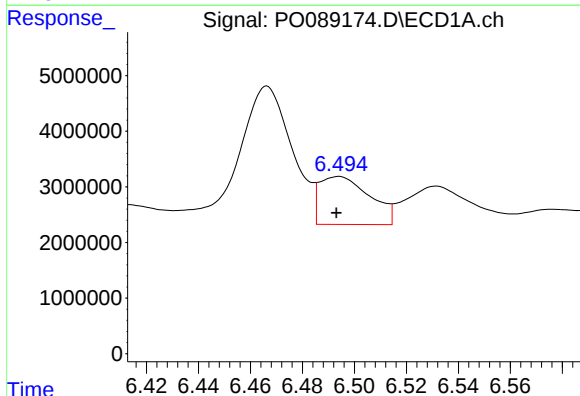
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 34970890
Conc: 333.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



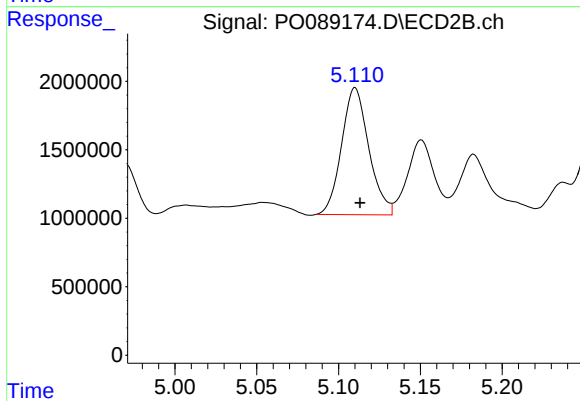
#23 AR-1248-3

R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 11979985
Conc: 351.42 ng/ml



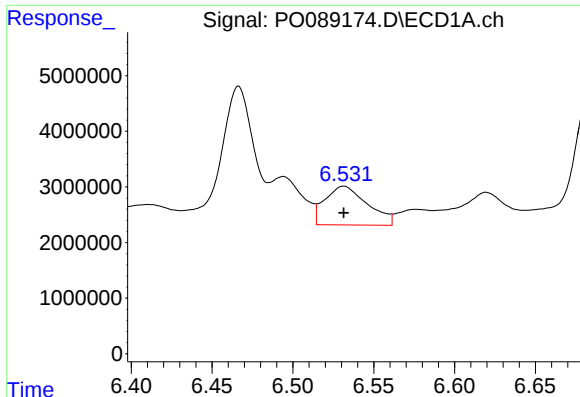
#24 AR-1248-4

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 11586910
Conc: 100.71 ng/ml



#24 AR-1248-4

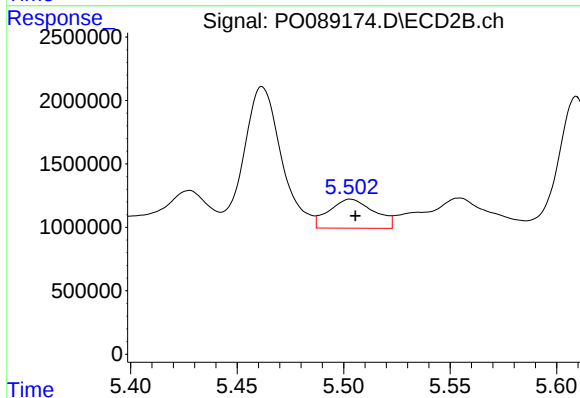
R.T.: 5.110 min
Delta R.T.: -0.003 min
Response: 10767687
Conc: 264.17 ng/ml



#25 AR-1248-5

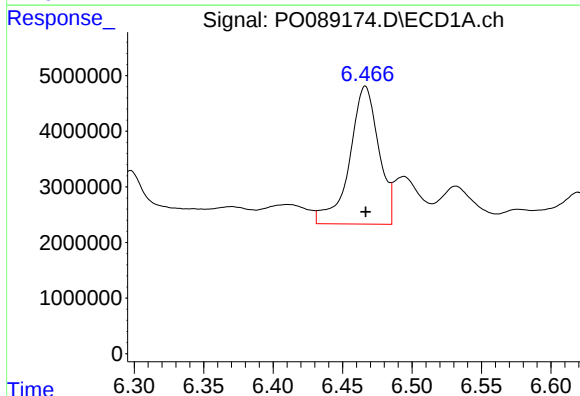
R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 12777983
Conc: 112.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



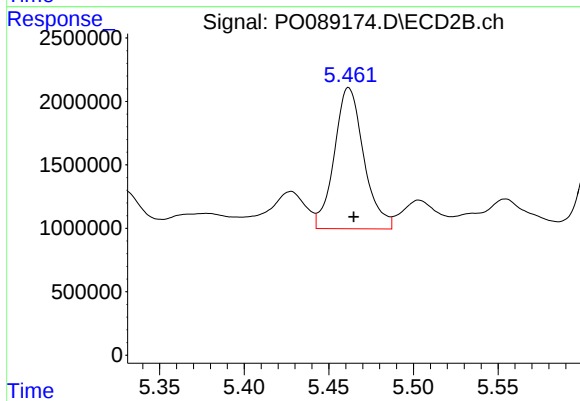
#25 AR-1248-5

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 3365104
Conc: 84.68 ng/ml



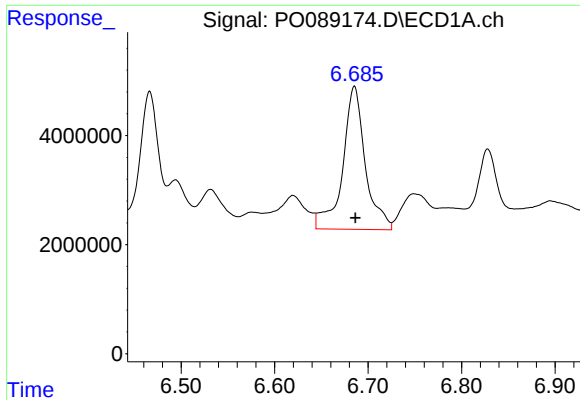
#26 AR-1254-1

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 36268083
Conc: 315.33 ng/ml



#26 AR-1254-1

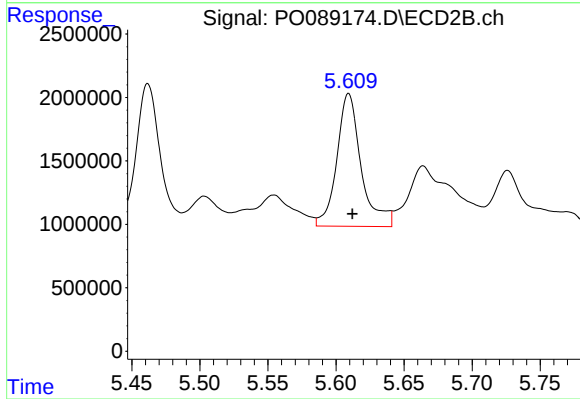
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 13491801
Conc: 228.05 ng/ml



#27 AR-1254-2

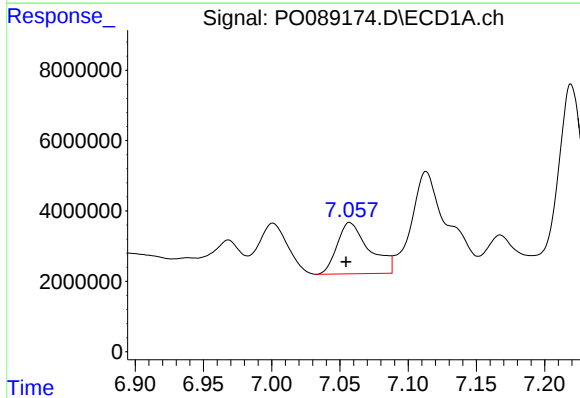
R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 44216615
Conc: 259.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



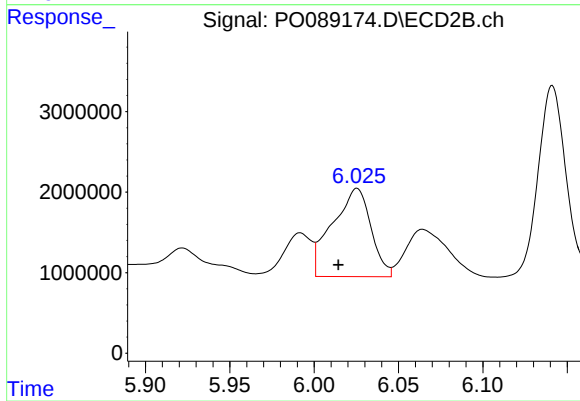
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.003 min
Response: 13006355
Conc: 254.97 ng/ml



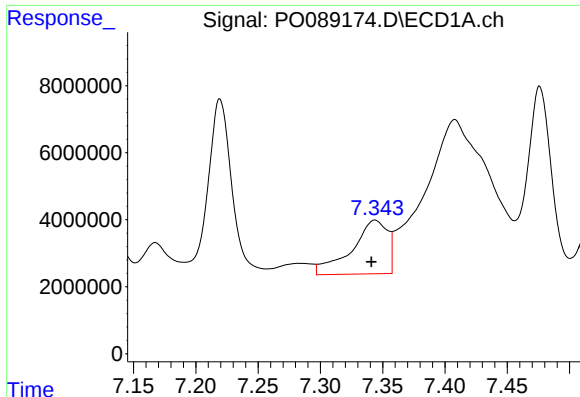
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: 0.003 min
Response: 23713764
Conc: 136.54 ng/ml



#28 AR-1254-3

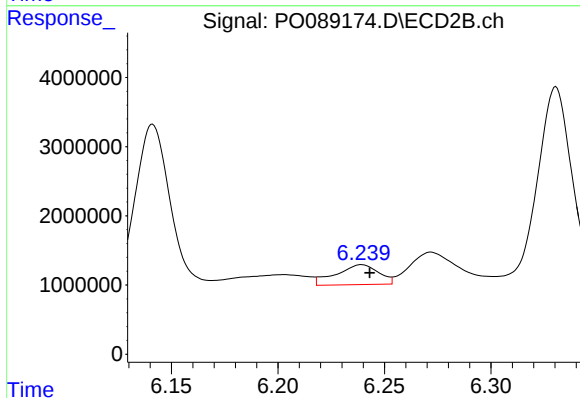
R.T.: 6.025 min
Delta R.T.: 0.011 min
Response: 17407141
Conc: 220.42 ng/ml



#29 AR-1254-4

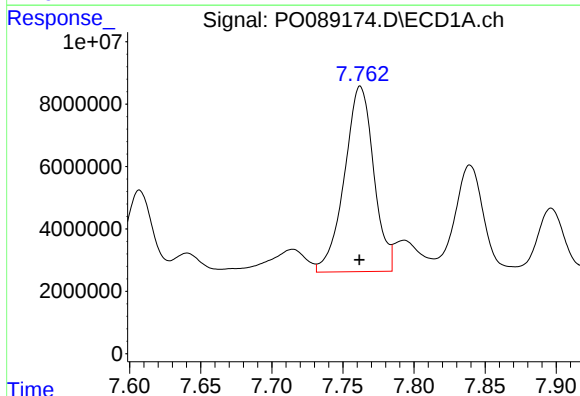
R.T.: 7.344 min
Delta R.T.: 0.003 min
Response: 32203610
Conc: 257.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



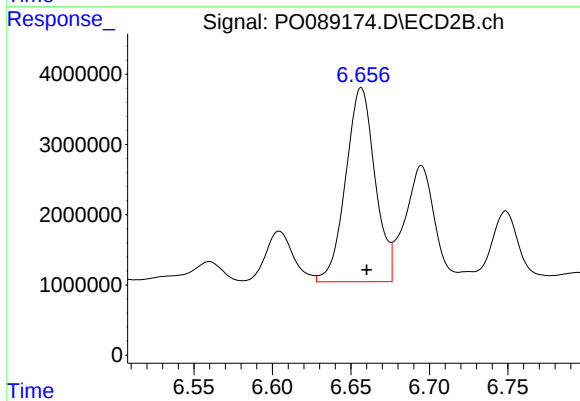
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 3992315
Conc: 80.54 ng/ml



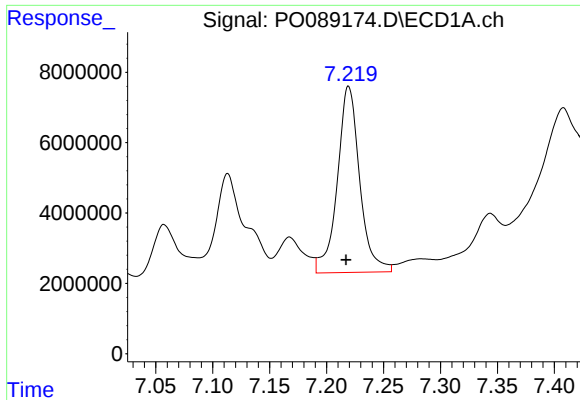
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 85174276
Conc: 661.28 ng/ml



#30 AR-1254-5

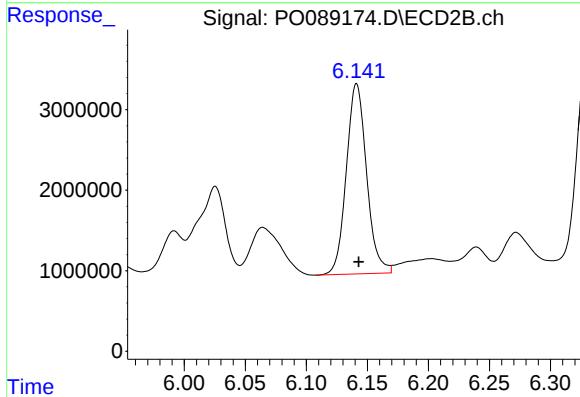
R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 35999607
Conc: 532.45 ng/ml



#31 AR-1260-1

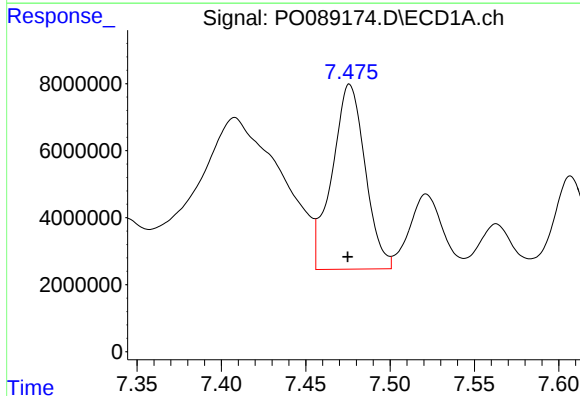
R.T.: 7.219 min
Delta R.T.: 0.002 min
Response: 72423998
Conc: 537.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



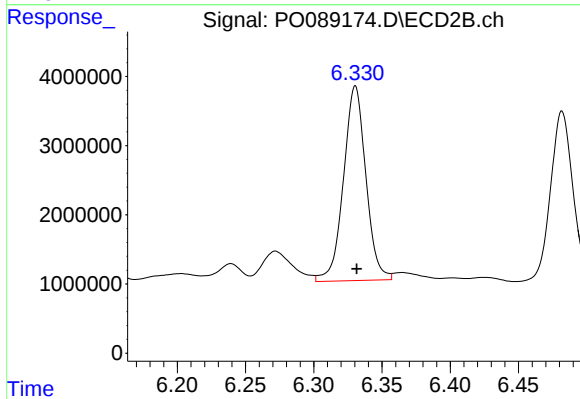
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 27344294
Conc: 487.39 ng/ml



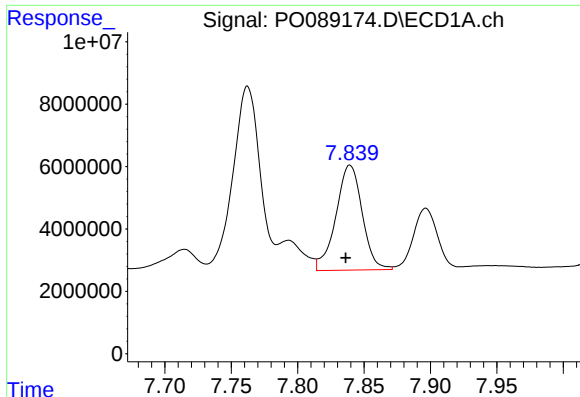
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: 0.001 min
Response: 75454839
Conc: 494.42 ng/ml



#32 AR-1260-2

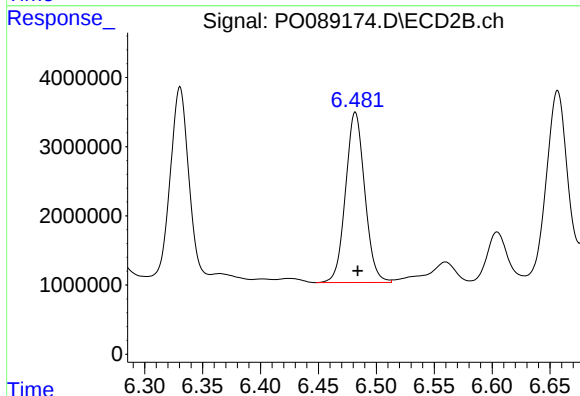
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 32158464
Conc: 473.25 ng/ml



#33 AR-1260-3

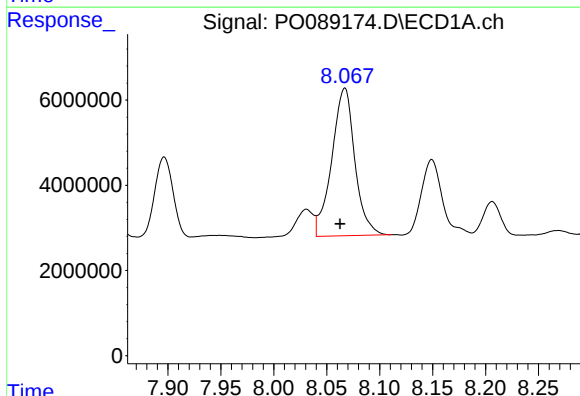
R.T.: 7.839 min
Delta R.T.: 0.003 min
Response: 46442925
Conc: 415.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



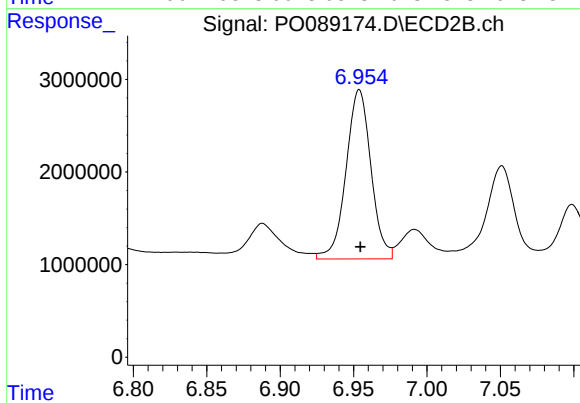
#33 AR-1260-3

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 28331446
Conc: 461.77 ng/ml



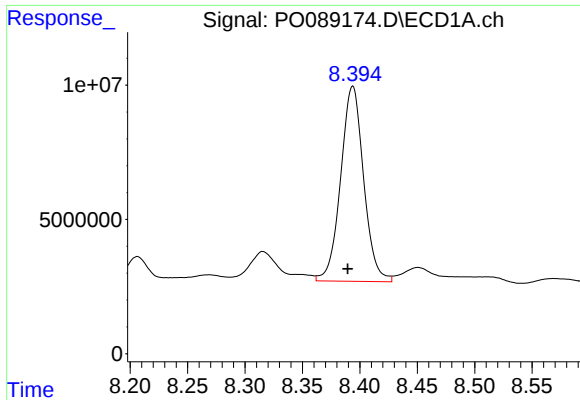
#34 AR-1260-4

R.T.: 8.067 min
Delta R.T.: 0.005 min
Response: 52595849
Conc: 426.05 ng/ml



#34 AR-1260-4

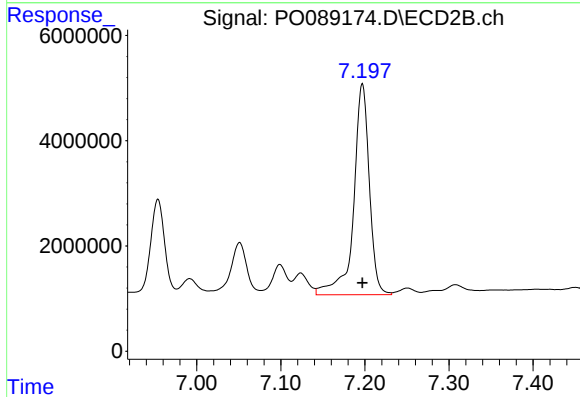
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 21593822
Conc: 428.51 ng/ml



#35 AR-1260-5

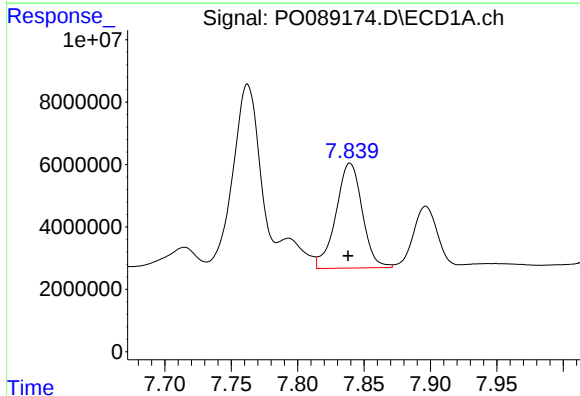
R.T.: 8.394 min
Delta R.T.: 0.004 min
Response: 101368029
Conc: 424.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



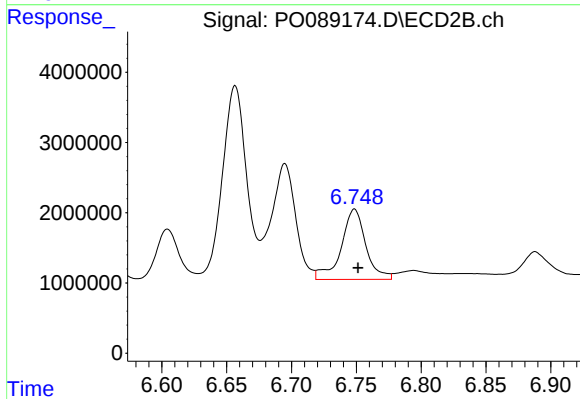
#35 AR-1260-5

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 52144583
Conc: 455.75 ng/ml



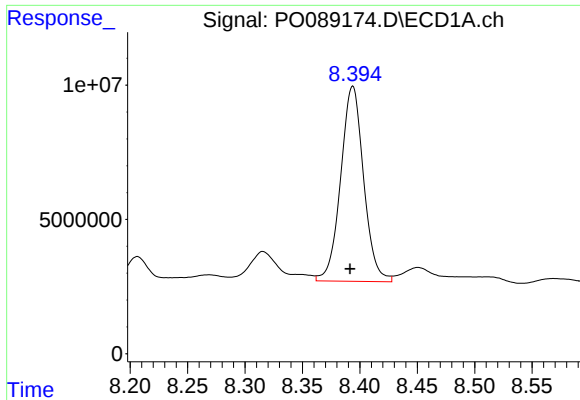
#36 AR-1262-1

R.T.: 7.839 min
Delta R.T.: 0.001 min
Response: 46442925
Conc: 307.77 ng/ml



#36 AR-1262-1

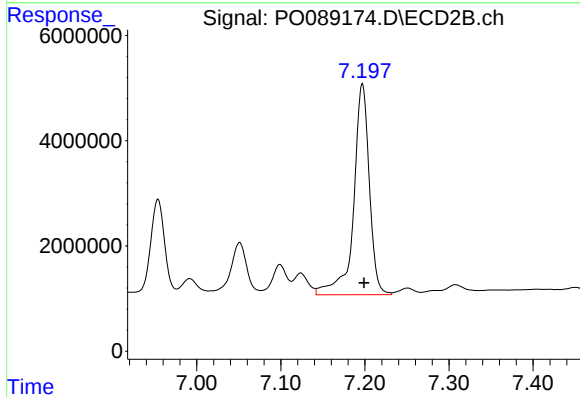
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 13262368
Conc: 468.42 ng/ml



#37 AR-1262-2

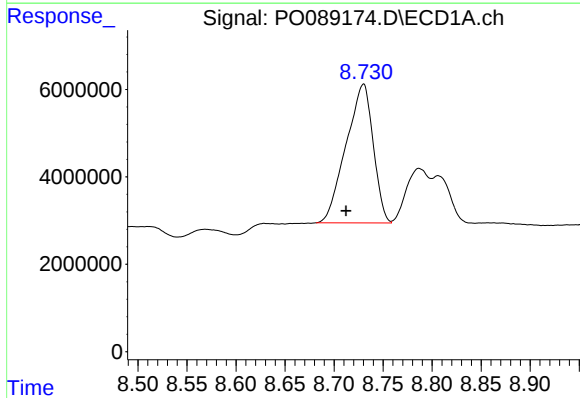
R.T.: 8.394 min
Delta R.T.: 0.002 min
Response: 101368029
Conc: 398.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



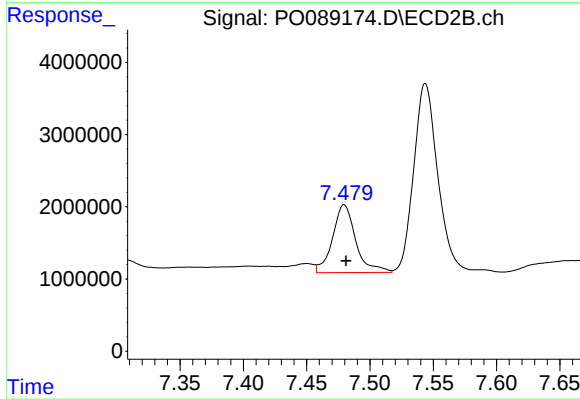
#37 AR-1262-2

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 52144583
Conc: 432.40 ng/ml



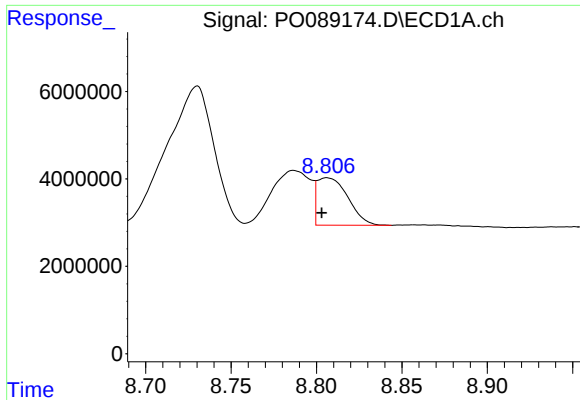
#38 AR-1262-3

R.T.: 8.730 min
Delta R.T.: 0.018 min
Response: 61210014
Conc: 358.00 ng/ml



#38 AR-1262-3

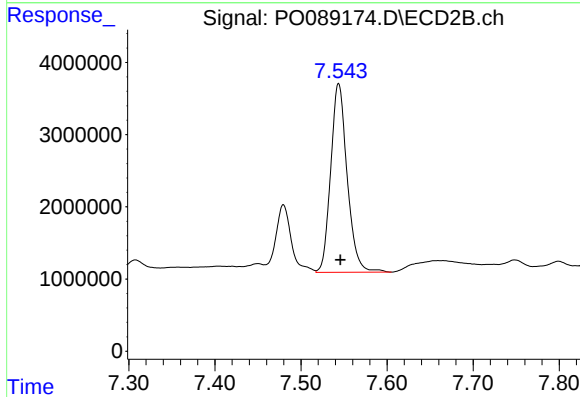
R.T.: 7.480 min
Delta R.T.: -0.002 min
Response: 11994264
Conc: 249.04 ng/ml



#39 AR-1262-4

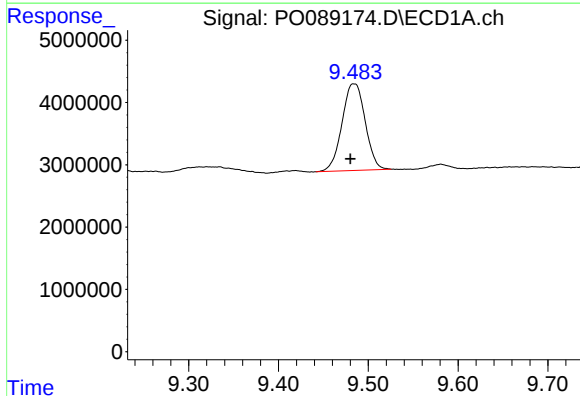
R.T.: 8.806 min
Delta R.T.: 0.003 min
Response: 13594504
Conc: 194.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



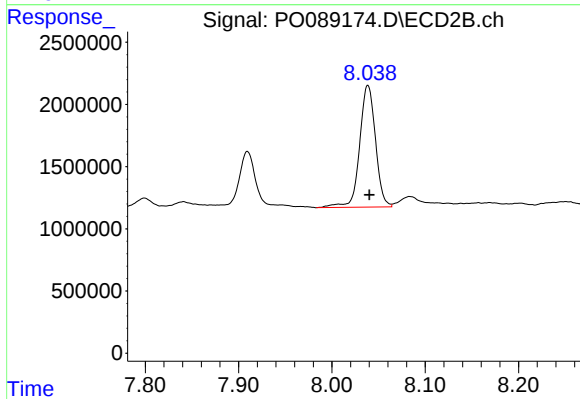
#39 AR-1262-4

R.T.: 7.544 min
Delta R.T.: -0.002 min
Response: 34787074
Conc: 389.18 ng/ml



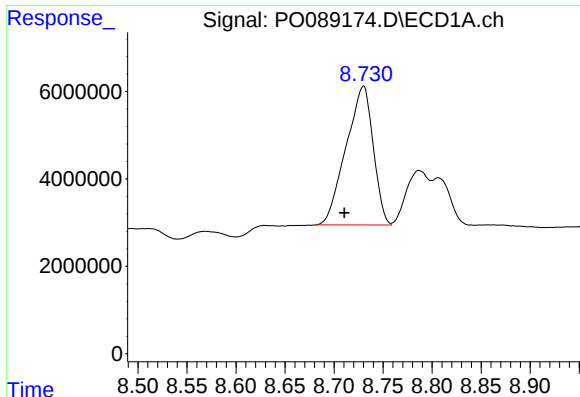
#40 AR-1262-5

R.T.: 9.484 min
Delta R.T.: 0.004 min
Response: 24939021
Conc: 262.93 ng/ml



#40 AR-1262-5

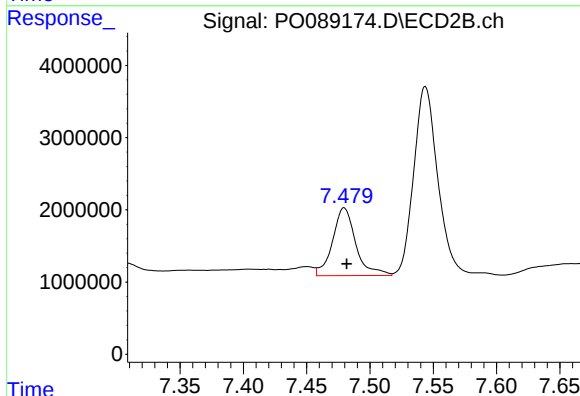
R.T.: 8.039 min
Delta R.T.: -0.001 min
Response: 11573886
Conc: 282.22 ng/ml



#41 AR-1268-1

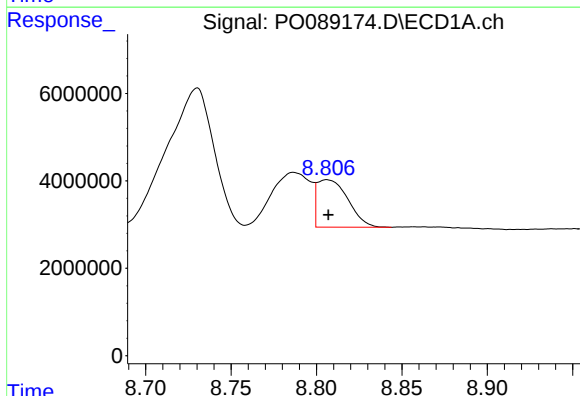
R.T.: 8.730 min
Delta R.T.: 0.020 min
Response: 61210014
Conc: 211.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



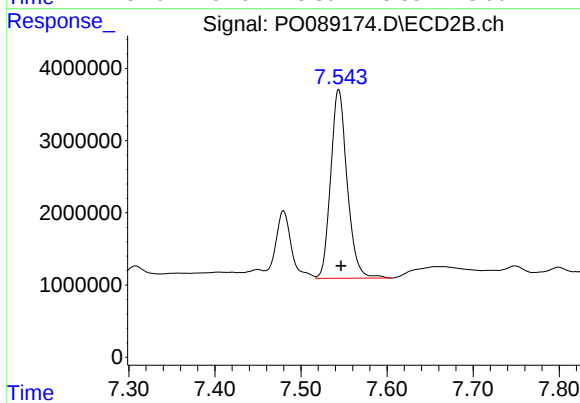
#41 AR-1268-1

R.T.: 7.480 min
Delta R.T.: -0.002 min
Response: 11994264
Conc: 83.87 ng/ml



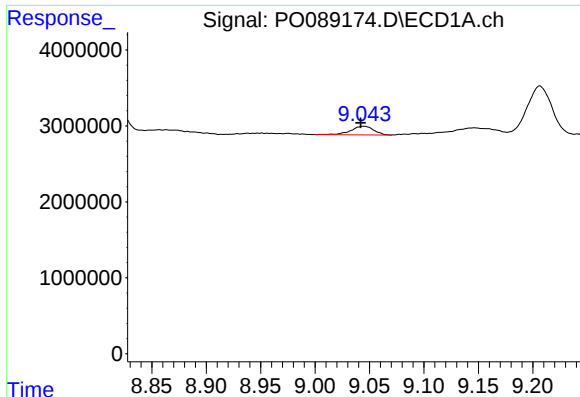
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 13594504
Conc: 50.82 ng/ml



#42 AR-1268-2

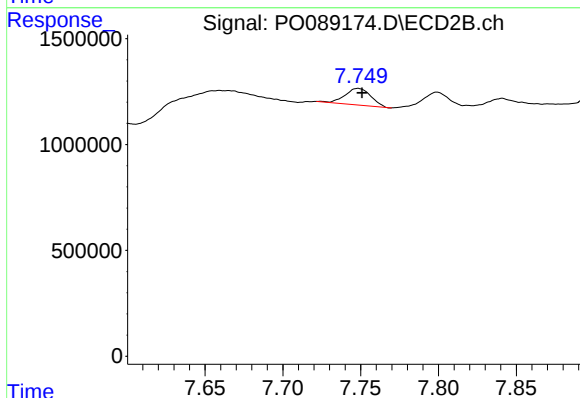
R.T.: 7.544 min
Delta R.T.: -0.003 min
Response: 34787074
Conc: 270.58 ng/ml



#43 AR-1268-3

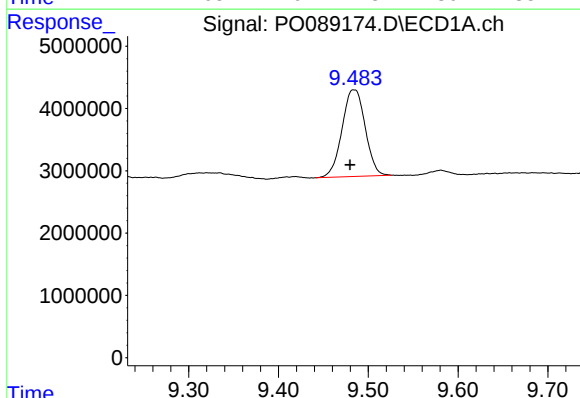
R.T.: 9.045 min
Delta R.T.: 0.003 min
Response: 1671845
Conc: 7.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



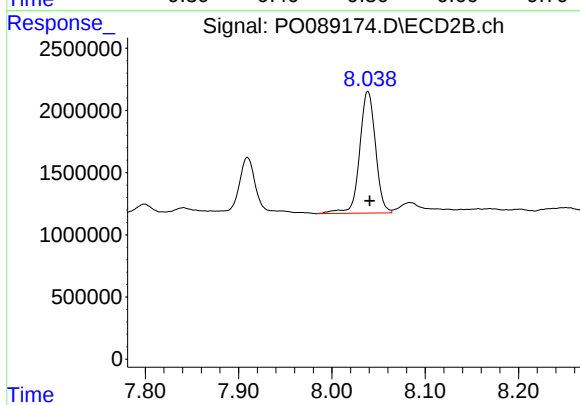
#43 AR-1268-3

R.T.: 7.748 min
Delta R.T.: -0.002 min
Response: 906439
Conc: 8.42 ng/ml



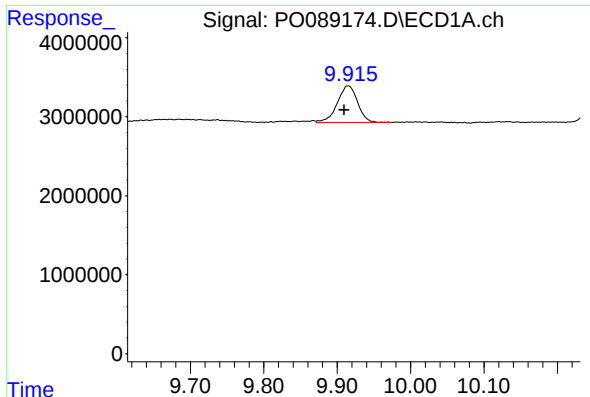
#44 AR-1268-4

R.T.: 9.484 min
Delta R.T.: 0.004 min
Response: 24939021
Conc: 252.44 ng/ml



#44 AR-1268-4

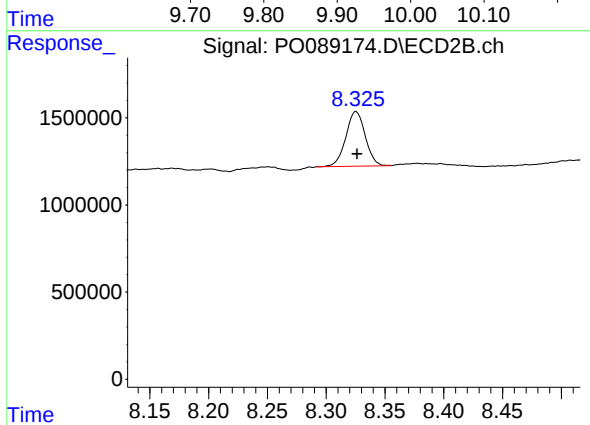
R.T.: 8.039 min
Delta R.T.: -0.002 min
Response: 11573886
Conc: 253.92 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.006 min
Response: 8868580
Conc: 12.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.325 min
Delta R.T.: -0.001 min
Response: 3614893
Conc: 11.07 ng/ml