

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091123\
 Data File : P0097881.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2023 13:41
 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: Sep 11 15:54:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 07 02:56:18 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...	4.442	3.622	184.7E6	48321626	46.355	50.457
2)	SA Decachlor...	10.289	8.655	91849094	43285092	49.158	50.662
Target Compounds							
3)	L1 AR-1016-1	5.619	4.711	50988872	16276812	472.206	506.057
4)	L1 AR-1016-2	5.642	4.730	74445897	22932613	460.031	504.839
5)	L1 AR-1016-3	5.705	4.907	44033868	12424073	442.225	510.295
6)	L1 AR-1016-4	5.803	4.950	44040830	10456777	558.505	497.729
7)	L1 AR-1016-5	6.101	5.164	36951496	13550827	450.109	487.573
8)	L2 AR-1221-1	4.648	3.836	7545040	1770403	158.365	146.618
9)	L2 AR-1221-2	4.739	3.923	10157373	2470186	285.868	289.584
10)	L2 AR-1221-3	4.815	3.999	33519182	8791221	323.540	328.072
11)	L3 AR-1232-1	4.815	3.999	33519182	8791221	390.365	398.557
12)	L3 AR-1232-2	5.349	4.730	43826249	22932613	1002.957	1117.783
13)	L3 AR-1232-3	5.642	4.907	74445897	12424073	1027.185	1142.639
14)	L3 AR-1232-4	5.803	4.991	44040830	12747109	1277.130	1174.075
15)	L3 AR-1232-5	5.896	5.164	88132018	13550827	2821.211	1117.737 #
16)	L4 AR-1242-1	5.619	4.711	50988872	16276812	547.431	580.007
17)	L4 AR-1242-2	5.642	4.730	74445897	22932613	530.624	577.814
18)	L4 AR-1242-3	5.705	4.907	44033868	12424073	508.793	587.928
19)	L4 AR-1242-4	5.803	4.991	44040830	12747109	649.370	556.192
20)	L4 AR-1242-5	6.547	5.518	10599291	12982449	150.628	498.342 #
21)	L5 AR-1248-1	5.619	4.711	50988872	16276812	751.454	792.347
22)	L5 AR-1248-2	5.896	4.950	88132018	10456777	814.957	343.209 #
23)	L5 AR-1248-3	6.101	4.991	36951496	12747109	329.227	400.260
24)	L5 AR-1248-4	6.507	5.164	10779178	13550827	104.268	362.104 #
25)	L5 AR-1248-5	6.547	5.558	10599291	3509039	95.084	105.306
26)	L6 AR-1254-1	6.481	5.518	32131269	12982449	262.087	238.811
27)	L6 AR-1254-2	6.701	5.665	27601729	9635111	153.869	200.087 #
28)	L6 AR-1254-3	7.071	6.086	13232338	17284832	74.722	233.954 #
29)	L6 AR-1254-4	7.360	6.300	8162977	1363862	75.837	34.413 #
30)	L6 AR-1254-5	7.783	6.719	75594034	31603724	628.727	513.128
31)	L7 AR-1260-1	7.238	6.202	63531059	26063798	449.557	489.878
32)	L7 AR-1260-2	7.497	6.391	71304816	31164538	471.730	497.684
33)	L7 AR-1260-3	7.861	6.545	52703164	27990838	465.251	485.408
34)	L7 AR-1260-4	8.088	7.019	56936982	23022857	478.965	490.776
35)	L7 AR-1260-5	8.417	7.261	99252907	50842001	484.826	512.903
36)	L8 AR-1262-1	7.861	6.812	52703164	12562776	346.643	463.629 #
37)	L8 AR-1262-2	8.417	7.019	99252907	23022857	454.738	395.060
38)	L8 AR-1262-3	8.749	7.546	63863100	11634598	412.777	266.716 #
39)	L8 AR-1262-4	8.827	7.609	17896116	36415717	213.019	478.605 #
40)	L8 AR-1262-5	9.507	8.106	26000184	12163508	360.769	387.684
41)	L9 AR-1268-1	8.749	7.546	63863100	11634598	225.024	88.377 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

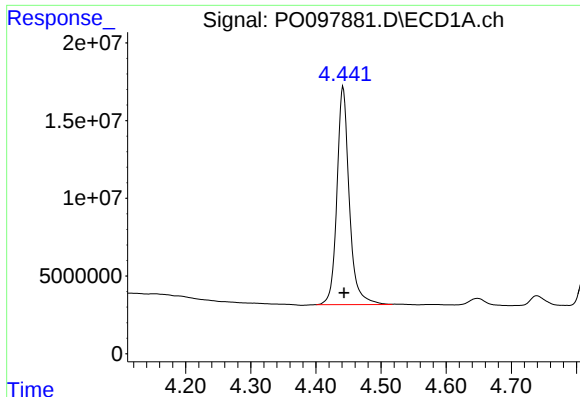
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 15:54:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090623.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.827	7.609	17896116	36415717	70.065	315.967 #
43) L9	AR-1268-3	9.068	7.910	1161705	495651	5.199	17.929 #
44) L9	AR-1268-4	9.507	8.106	26000184	12163508	318.161	345.306
45) L9	AR-1268-5	9.936	8.399	6938185	3885428	10.460	12.393

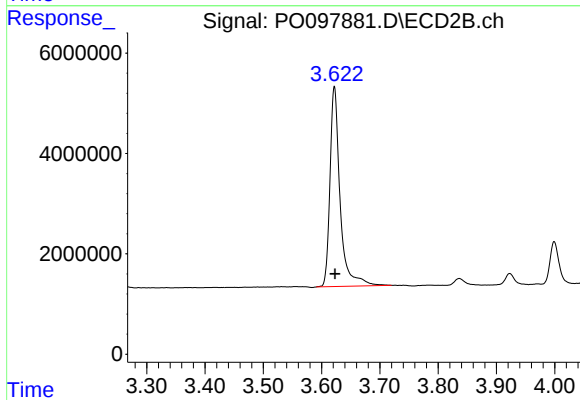
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

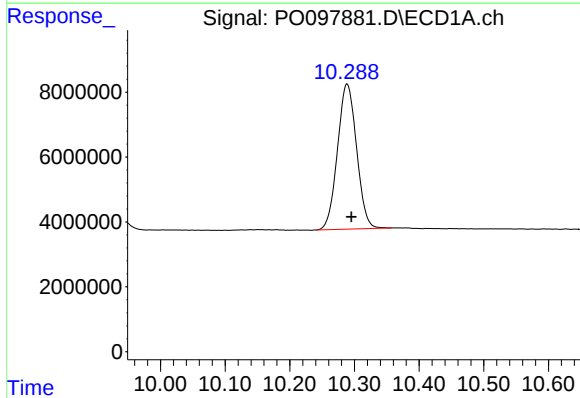
R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 184683508
Conc: 46.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



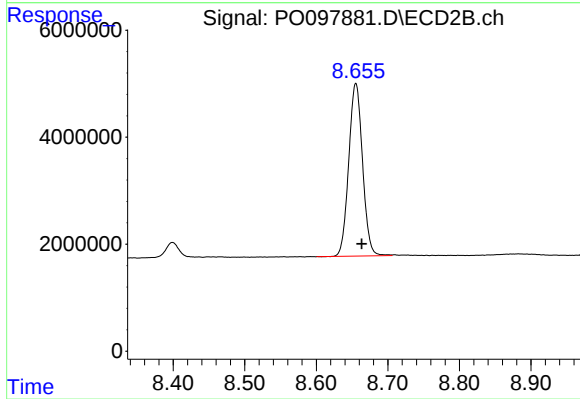
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: 0.000 min
Response: 48321626
Conc: 50.46 ng/ml



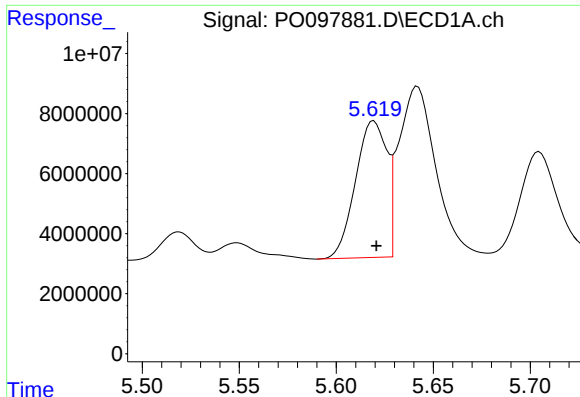
#2 Decachlorobiphenyl

R.T.: 10.289 min
Delta R.T.: -0.006 min
Response: 91849094
Conc: 49.16 ng/ml



#2 Decachlorobiphenyl

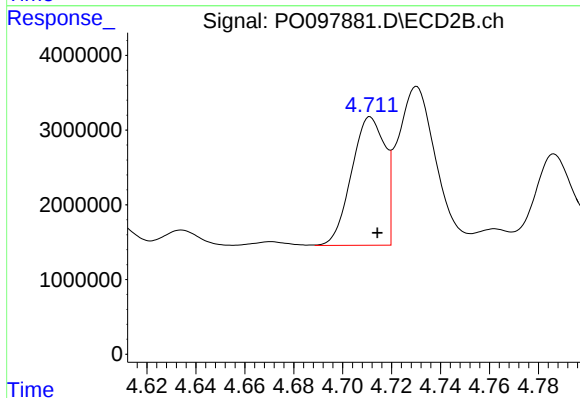
R.T.: 8.655 min
Delta R.T.: -0.008 min
Response: 43285092
Conc: 50.66 ng/ml



#3 AR-1016-1

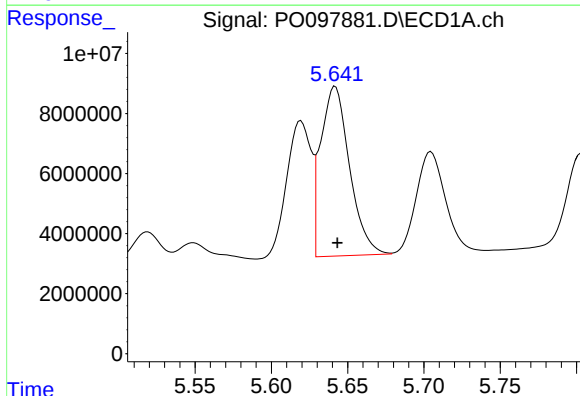
R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 50988872
Conc: 472.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



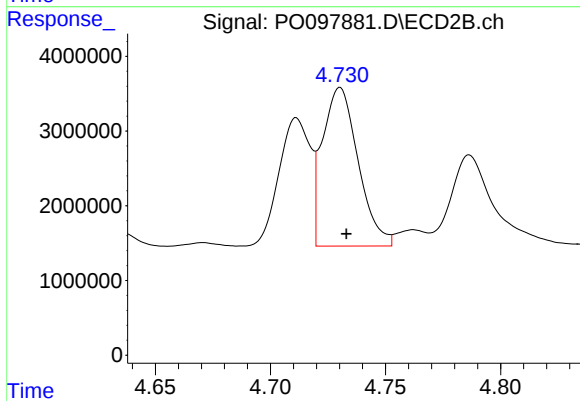
#3 AR-1016-1

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 16276812
Conc: 506.06 ng/ml



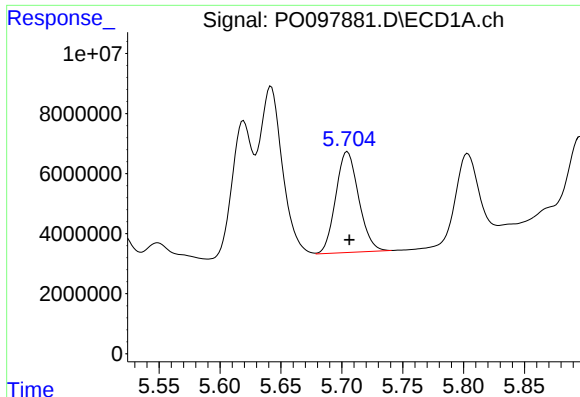
#4 AR-1016-2

R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 74445897
Conc: 460.03 ng/ml



#4 AR-1016-2

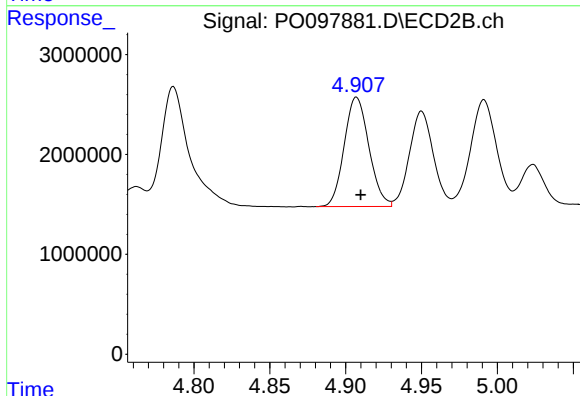
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 22932613
Conc: 504.84 ng/ml



#5 AR-1016-3

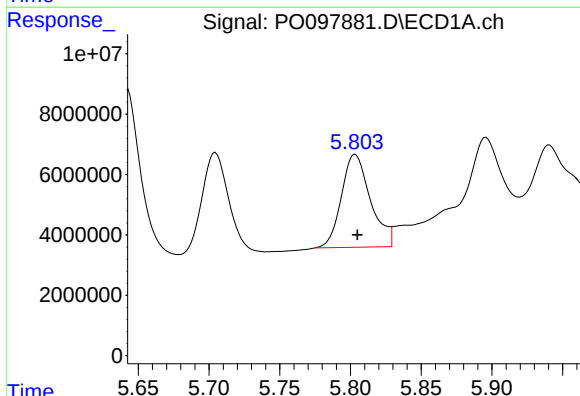
R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 44033868
Conc: 442.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



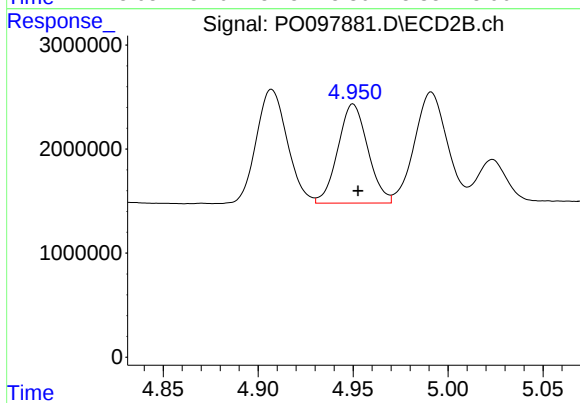
#5 AR-1016-3

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 12424073
Conc: 510.29 ng/ml



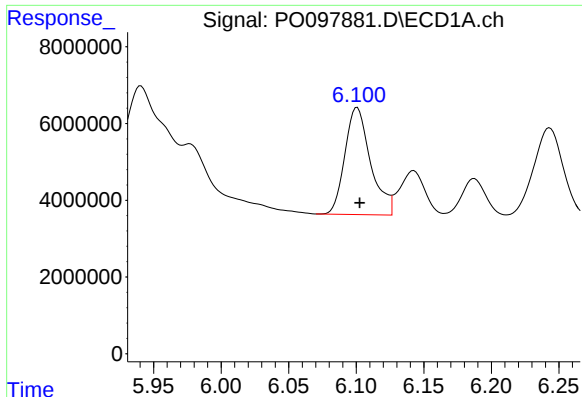
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 44040830
Conc: 558.50 ng/ml



#6 AR-1016-4

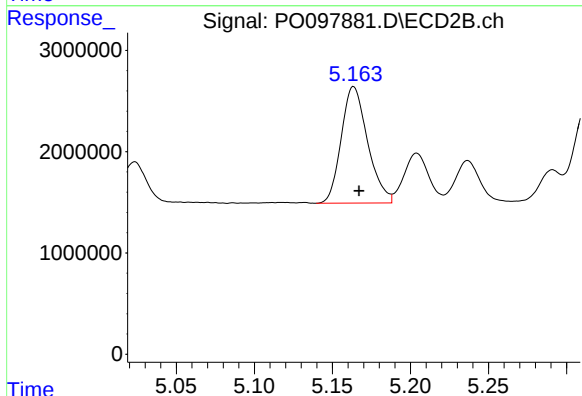
R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 10456777
Conc: 497.73 ng/ml



#7 AR-1016-5

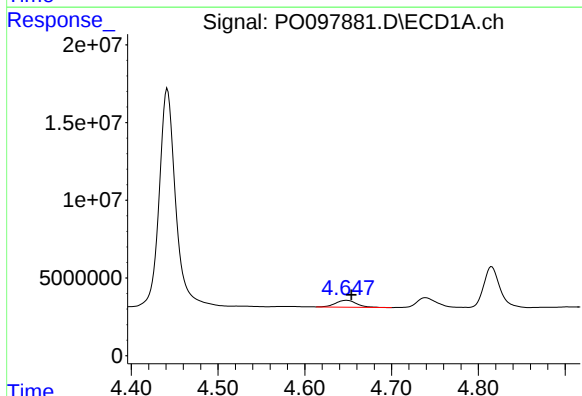
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 36951496
Conc: 450.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



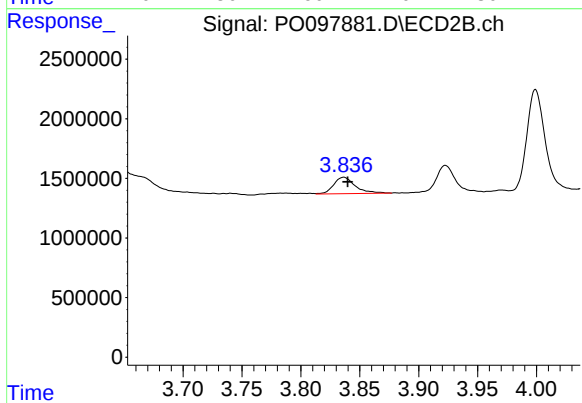
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 13550827
Conc: 487.57 ng/ml



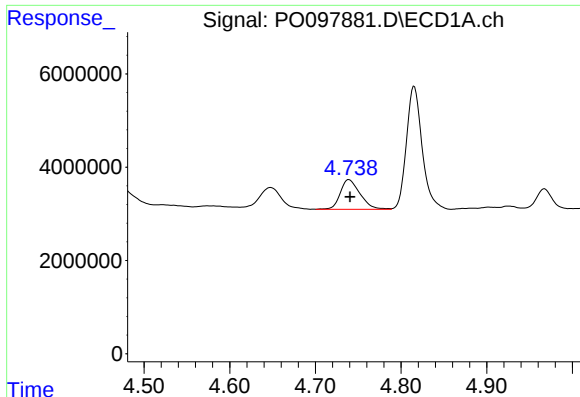
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.006 min
Response: 7545040
Conc: 158.36 ng/ml



#8 AR-1221-1

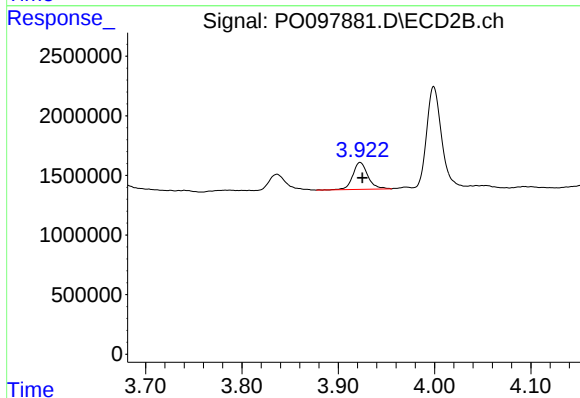
R.T.: 3.836 min
Delta R.T.: -0.003 min
Response: 1770403
Conc: 146.62 ng/ml



#9 AR-1221-2

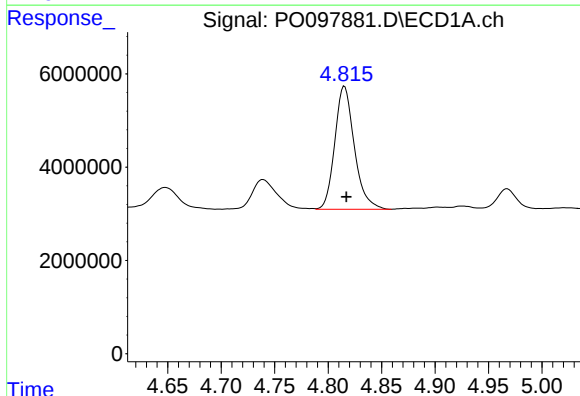
R.T.: 4.739 min
Delta R.T.: -0.001 min
Response: 10157373
Conc: 285.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



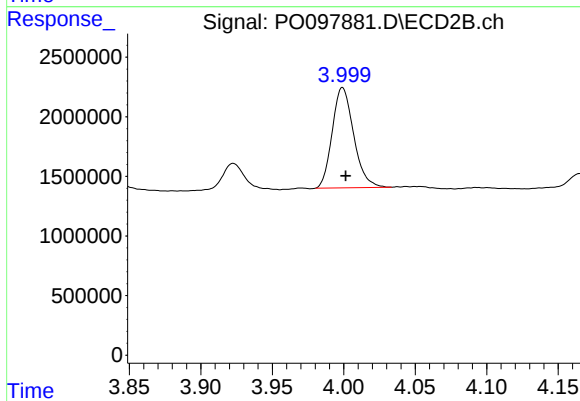
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: -0.002 min
Response: 2470186
Conc: 289.58 ng/ml



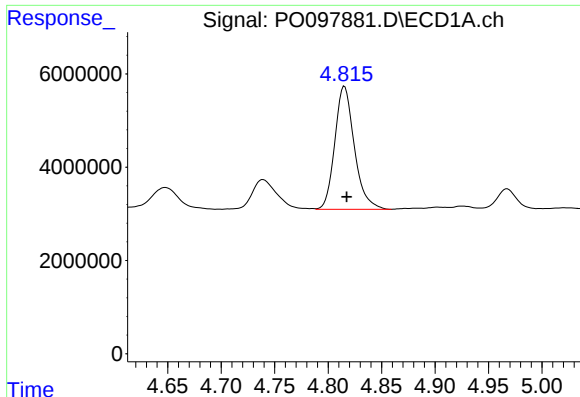
#10 AR-1221-3

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 33519182
Conc: 323.54 ng/ml



#10 AR-1221-3

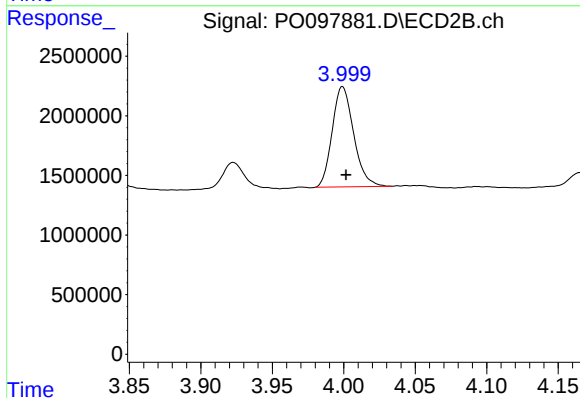
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 8791221
Conc: 328.07 ng/ml



#11 AR-1232-1

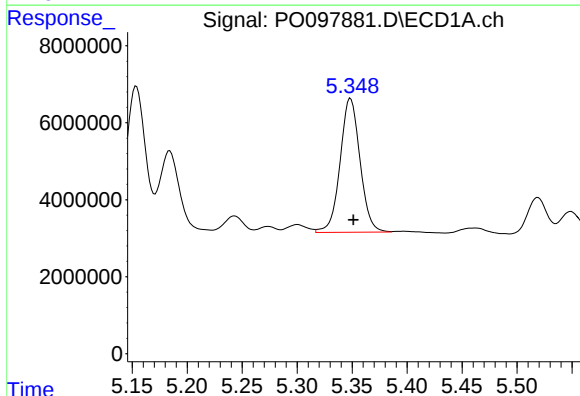
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 33519182
Conc: 390.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



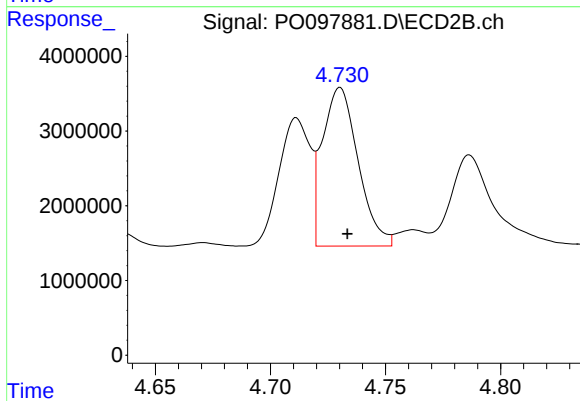
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 8791221
Conc: 398.56 ng/ml



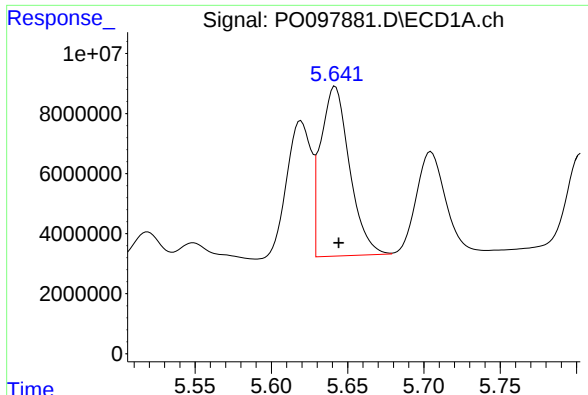
#12 AR-1232-2

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 43826249
Conc: 1002.96 ng/ml



#12 AR-1232-2

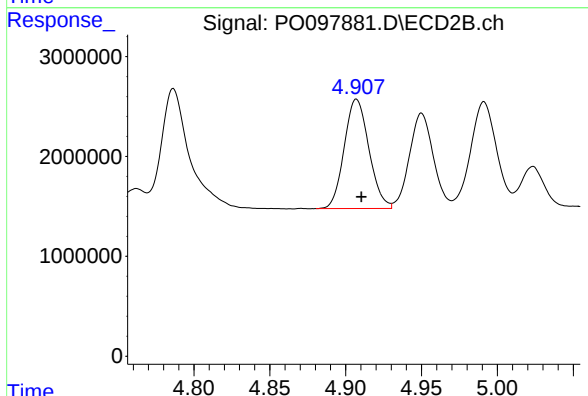
R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 22932613
Conc: 1117.78 ng/ml



#13 AR-1232-3

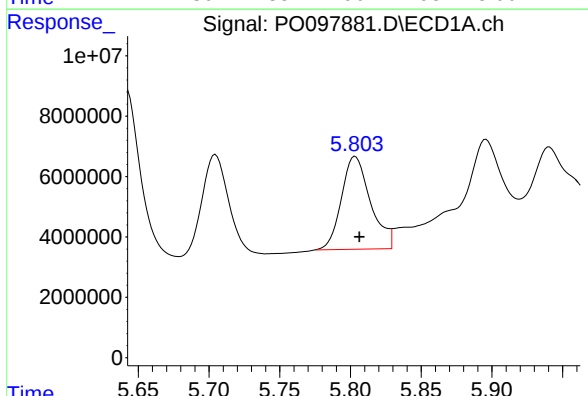
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 74445897
Conc: 1027.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



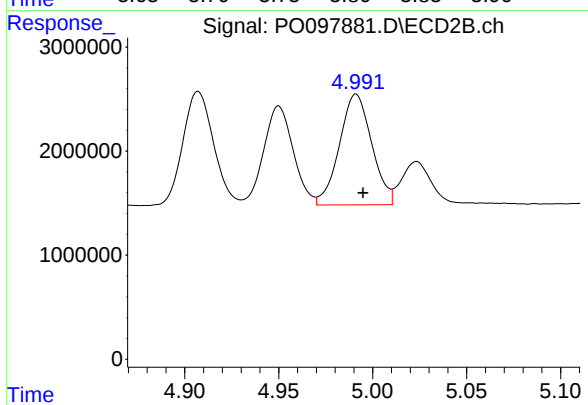
#13 AR-1232-3

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 12424073
Conc: 1142.64 ng/ml



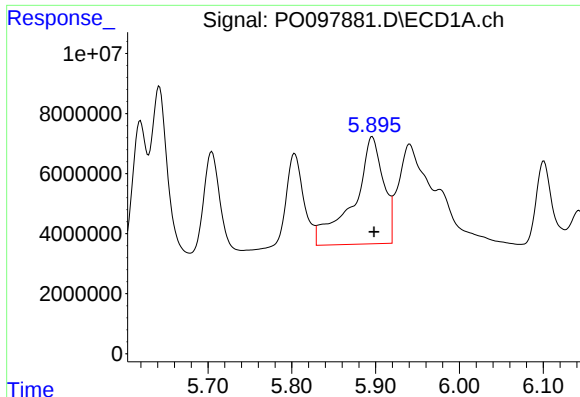
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 44040830
Conc: 1277.13 ng/ml



#14 AR-1232-4

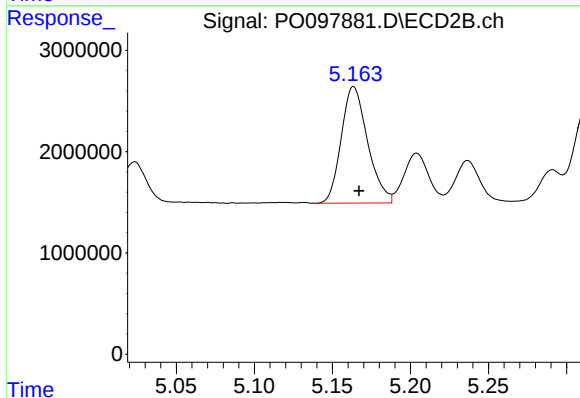
R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 12747109
Conc: 1174.07 ng/ml



#15 AR-1232-5

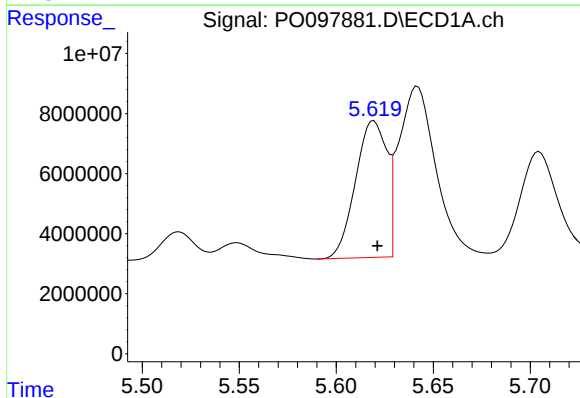
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 88132018
Conc: 2821.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



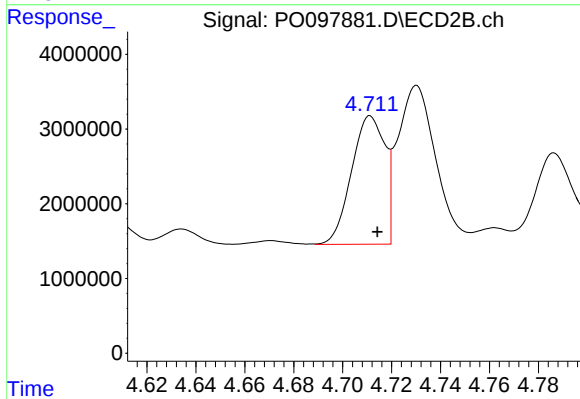
#15 AR-1232-5

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 13550827
Conc: 1117.74 ng/ml



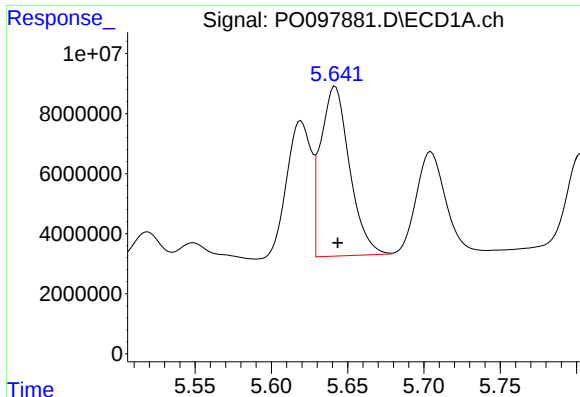
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 50988872
Conc: 547.43 ng/ml



#16 AR-1242-1

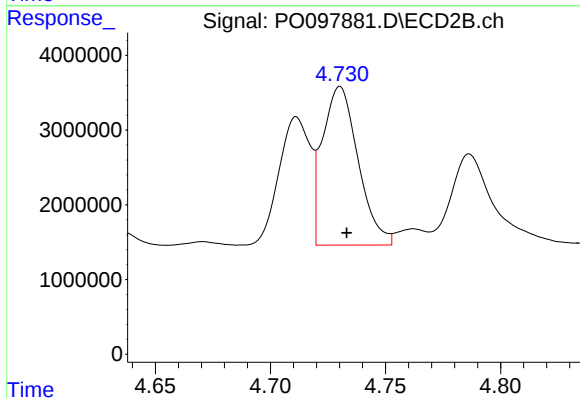
R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 16276812
Conc: 580.01 ng/ml



#17 AR-1242-2

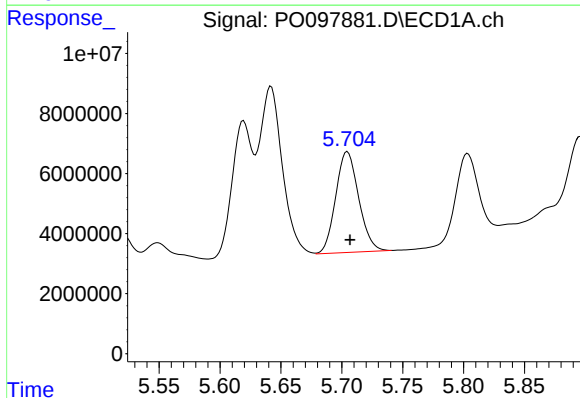
R.T.: 5.642 min
Delta R.T.: -0.002 min
Response: 74445897
Conc: 530.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



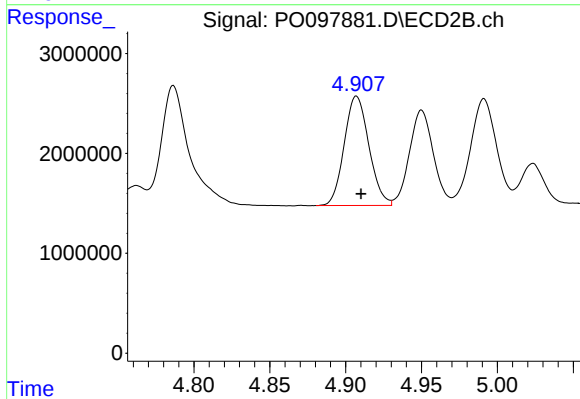
#17 AR-1242-2

R.T.: 4.730 min
Delta R.T.: -0.003 min
Response: 22932613
Conc: 577.81 ng/ml



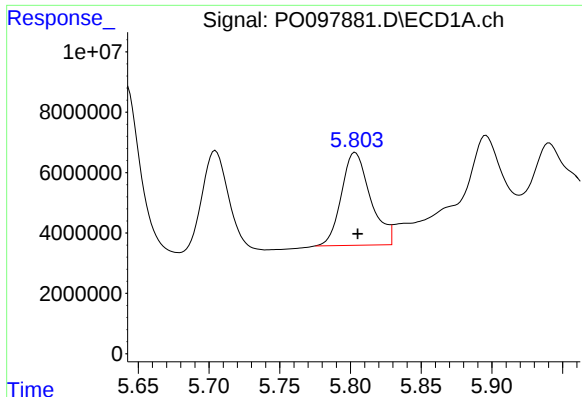
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 44033868
Conc: 508.79 ng/ml



#18 AR-1242-3

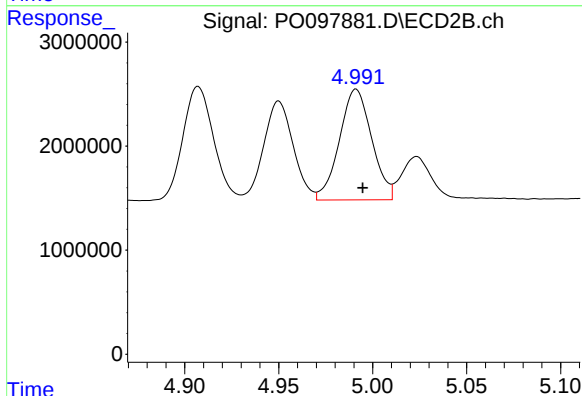
R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 12424073
Conc: 587.93 ng/ml



#19 AR-1242-4

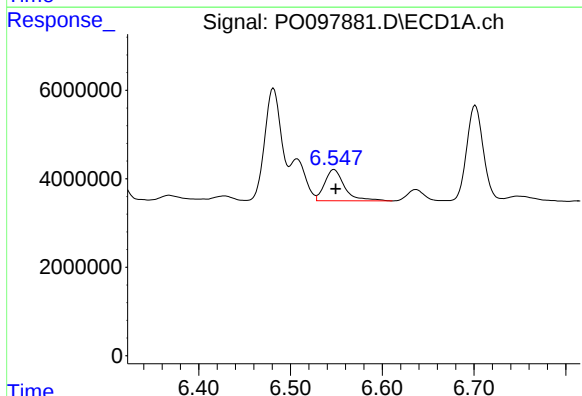
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 44040830
Conc: 649.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



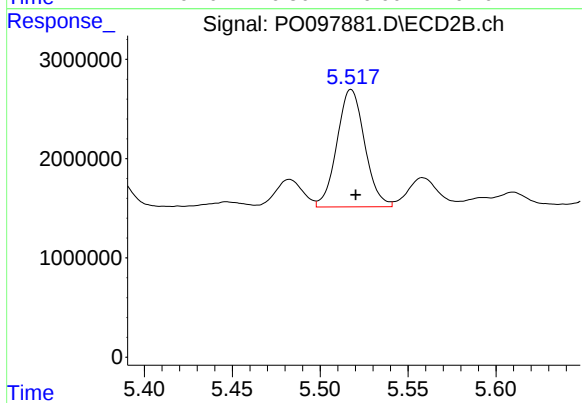
#19 AR-1242-4

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 12747109
Conc: 556.19 ng/ml



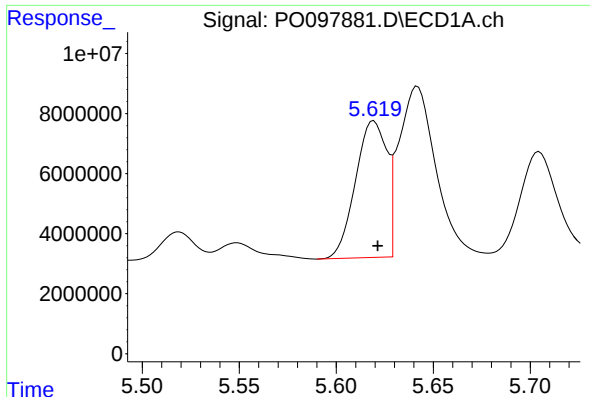
#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: -0.002 min
Response: 10599291
Conc: 150.63 ng/ml



#20 AR-1242-5

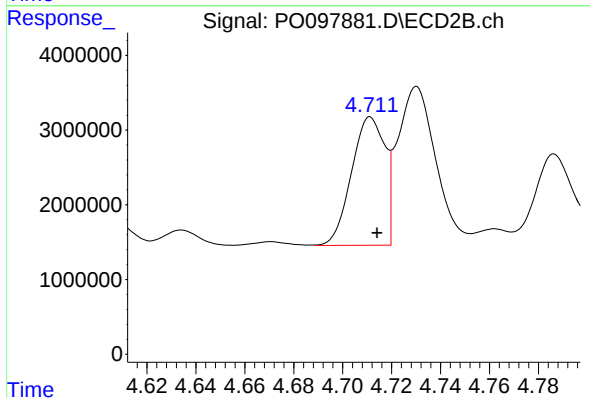
R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 12982449
Conc: 498.34 ng/ml



#21 AR-1248-1

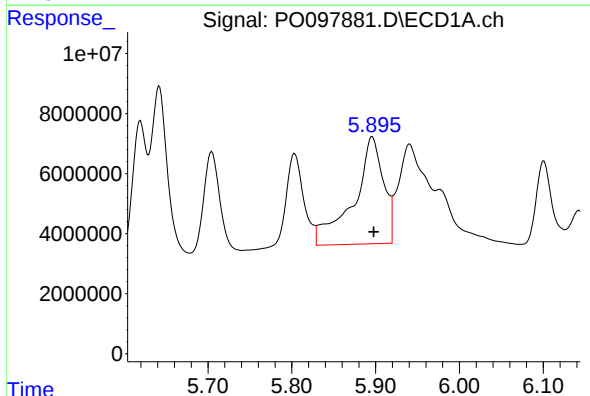
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 50988872
Conc: 751.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



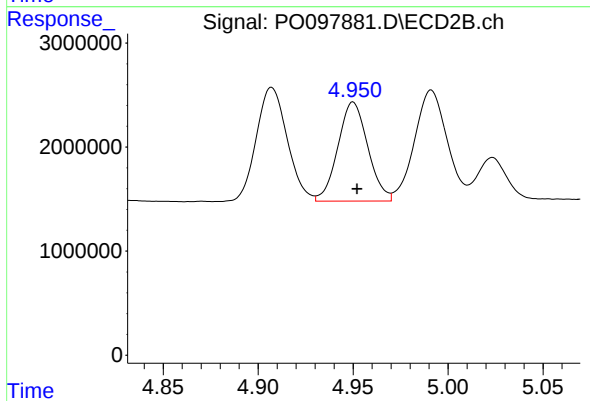
#21 AR-1248-1

R.T.: 4.711 min
Delta R.T.: -0.003 min
Response: 16276812
Conc: 792.35 ng/ml



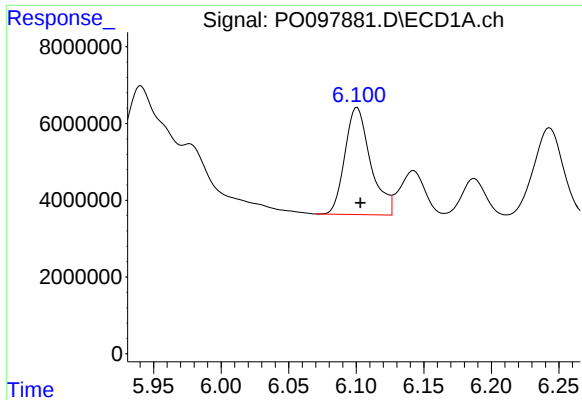
#22 AR-1248-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 88132018
Conc: 814.96 ng/ml



#22 AR-1248-2

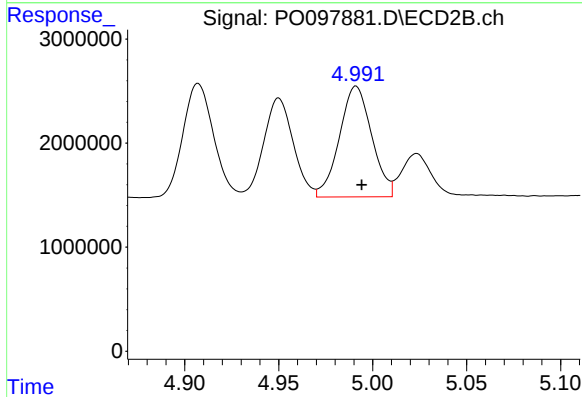
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 10456777
Conc: 343.21 ng/ml



#23 AR-1248-3

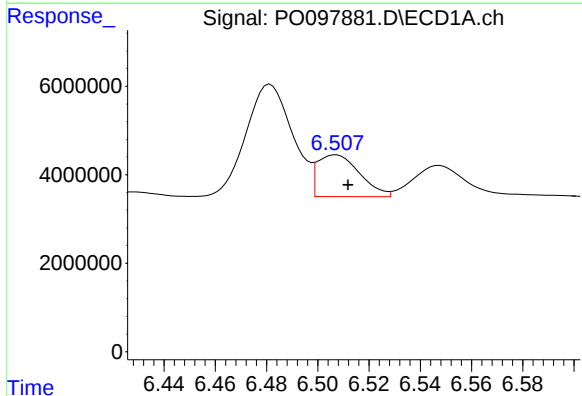
R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 36951496
Conc: 329.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



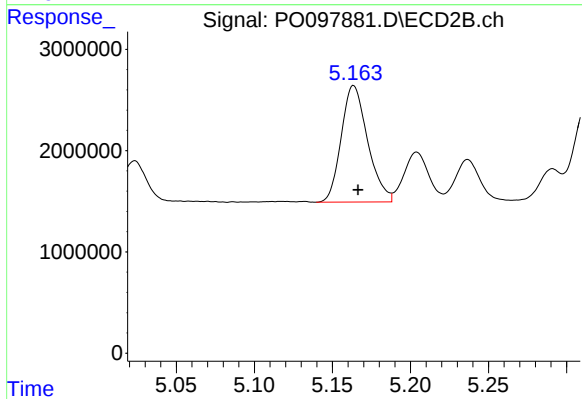
#23 AR-1248-3

R.T.: 4.991 min
Delta R.T.: -0.003 min
Response: 12747109
Conc: 400.26 ng/ml



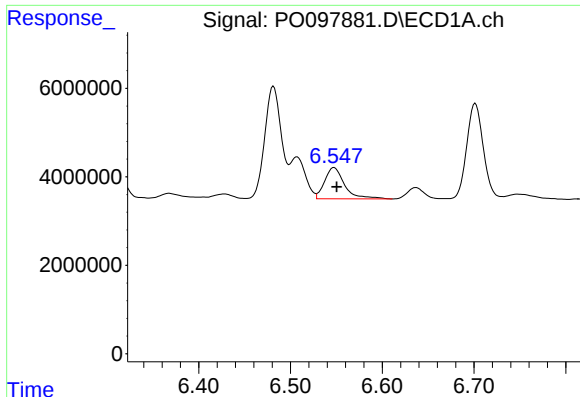
#24 AR-1248-4

R.T.: 6.507 min
Delta R.T.: -0.005 min
Response: 10779178
Conc: 104.27 ng/ml



#24 AR-1248-4

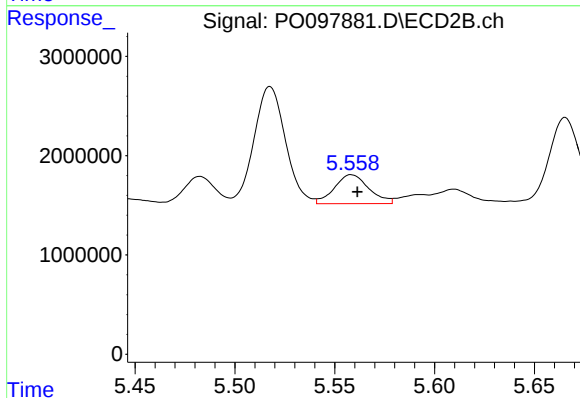
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 13550827
Conc: 362.10 ng/ml



#25 AR-1248-5

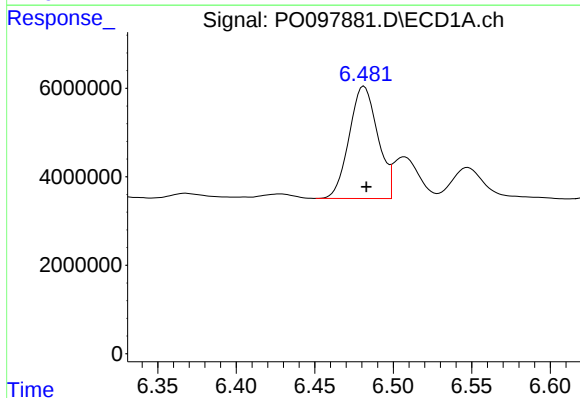
R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 10599291
Conc: 95.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



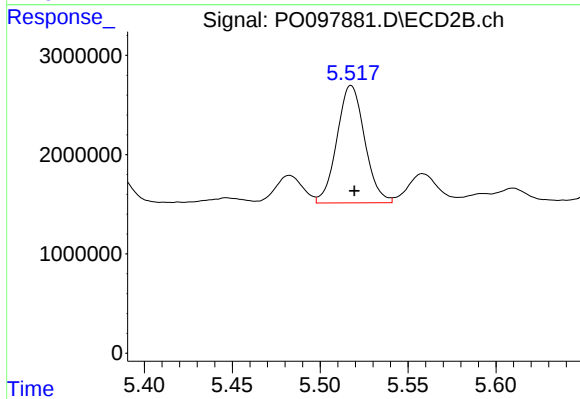
#25 AR-1248-5

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 3509039
Conc: 105.31 ng/ml



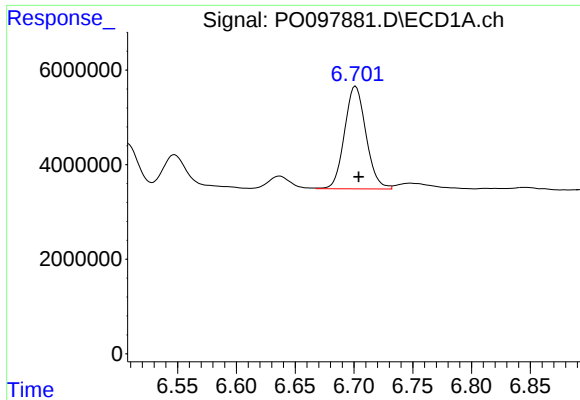
#26 AR-1254-1

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 32131269
Conc: 262.09 ng/ml



#26 AR-1254-1

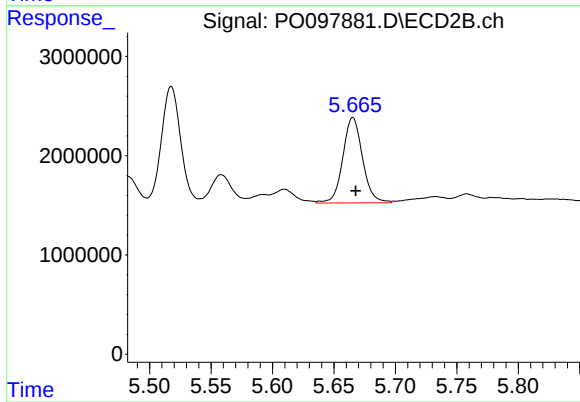
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 12982449
Conc: 238.81 ng/ml



#27 AR-1254-2

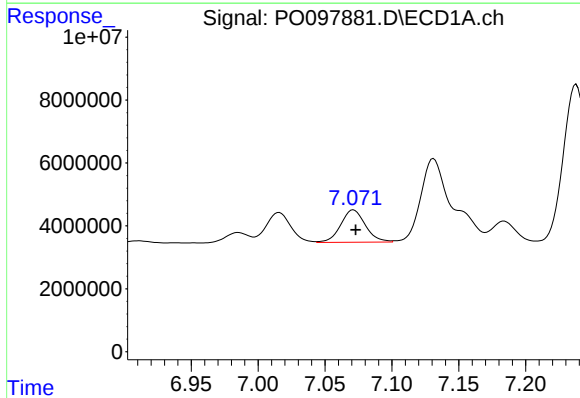
R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 27601729
Conc: 153.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



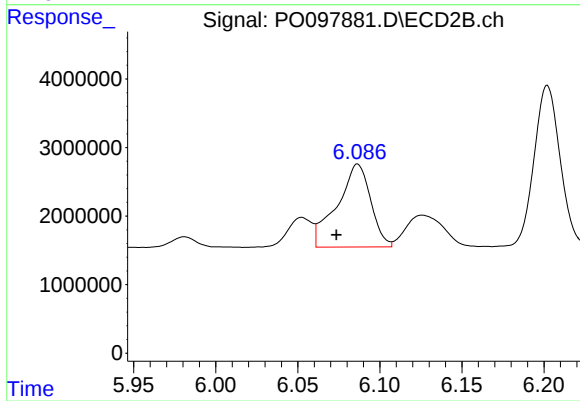
#27 AR-1254-2

R.T.: 5.665 min
Delta R.T.: -0.002 min
Response: 9635111
Conc: 200.09 ng/ml



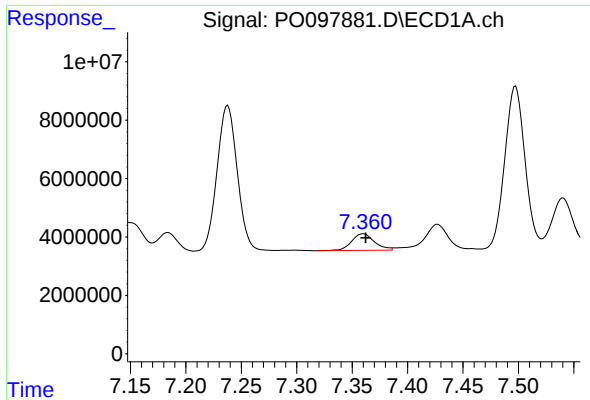
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 13232338
Conc: 74.72 ng/ml



#28 AR-1254-3

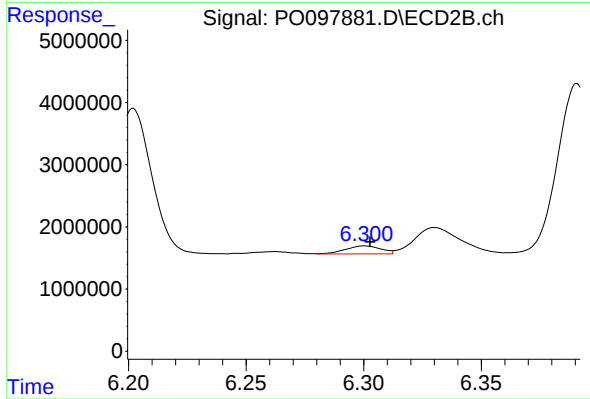
R.T.: 6.086 min
Delta R.T.: 0.013 min
Response: 17284832
Conc: 233.95 ng/ml



#29 AR-1254-4

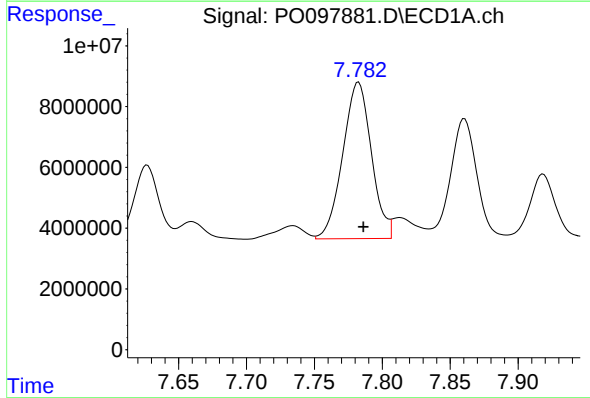
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 8162977
Conc: 75.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



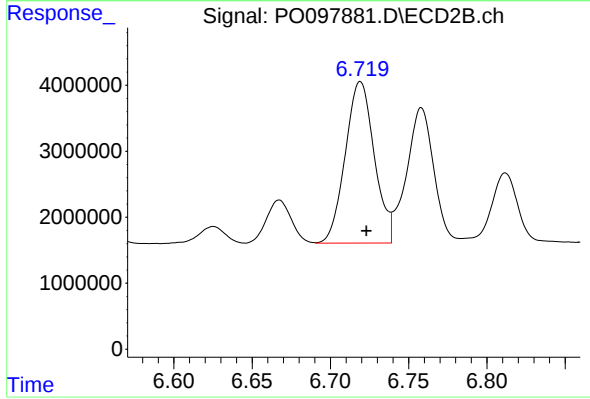
#29 AR-1254-4

R.T.: 6.300 min
Delta R.T.: -0.002 min
Response: 1363862
Conc: 34.41 ng/ml



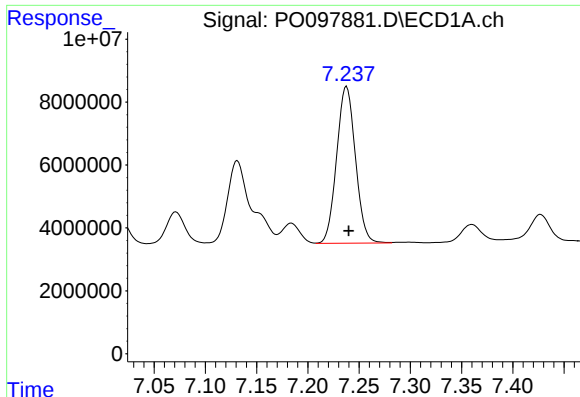
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.004 min
Response: 75594034
Conc: 628.73 ng/ml



#30 AR-1254-5

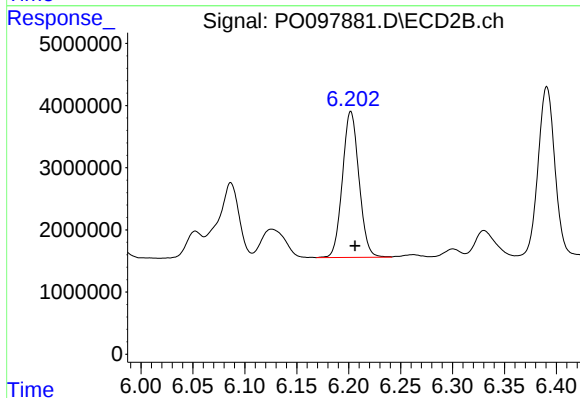
R.T.: 6.719 min
Delta R.T.: -0.004 min
Response: 31603724
Conc: 513.13 ng/ml



#31 AR-1260-1

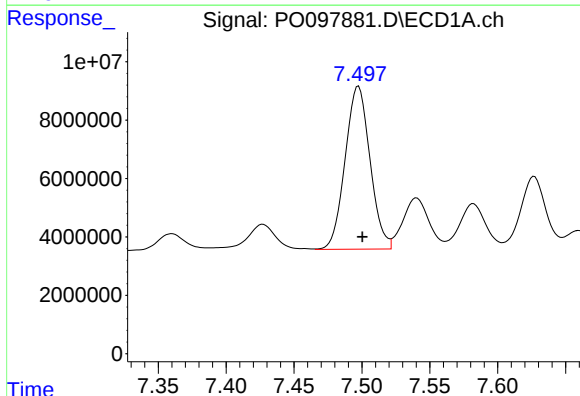
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 63531059
Conc: 449.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



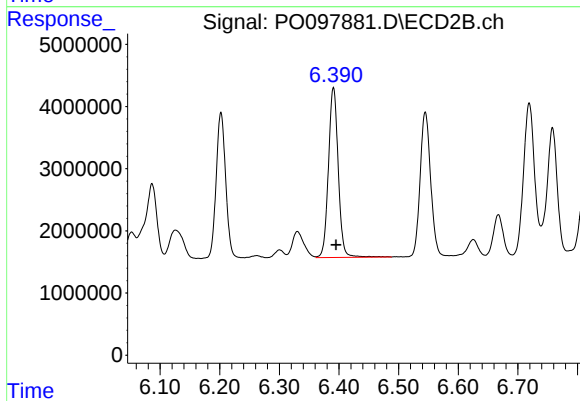
#31 AR-1260-1

R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 26063798
Conc: 489.88 ng/ml



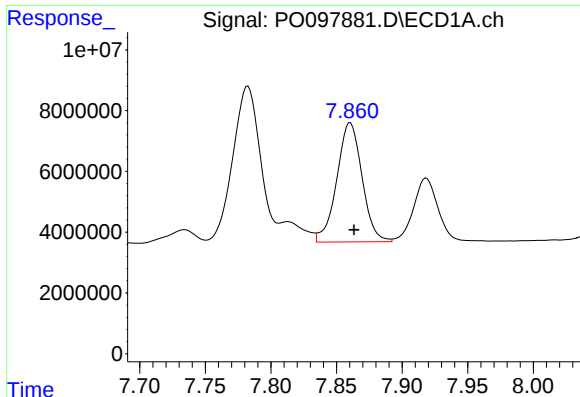
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 71304816
Conc: 471.73 ng/ml



#32 AR-1260-2

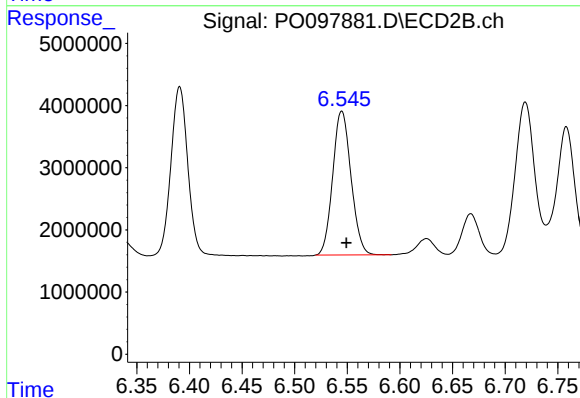
R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 31164538
Conc: 497.68 ng/ml



#33 AR-1260-3

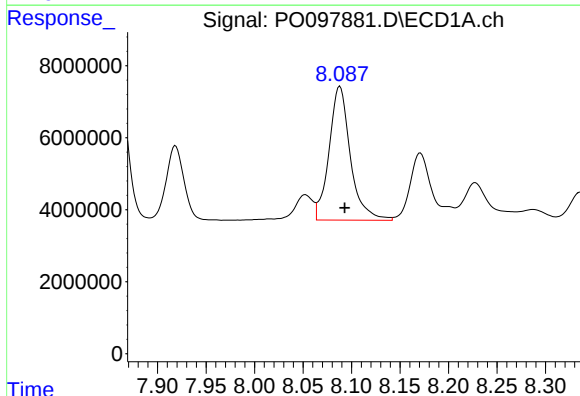
R.T.: 7.861 min
Delta R.T.: -0.003 min
Response: 52703164
Conc: 465.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



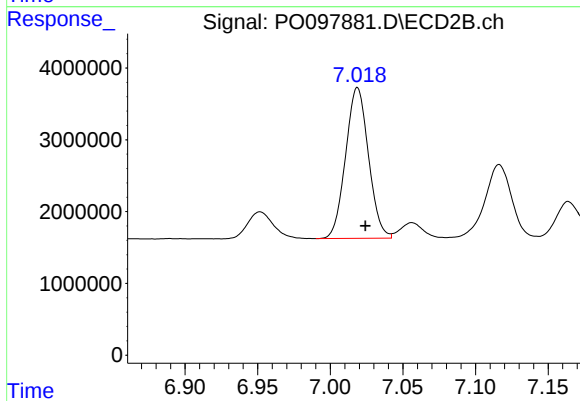
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 27990838
Conc: 485.41 ng/ml



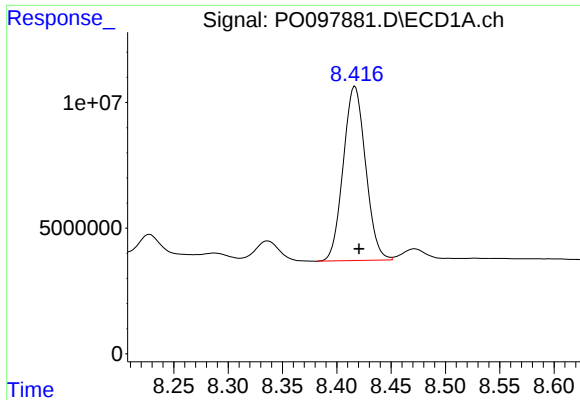
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.005 min
Response: 56936982
Conc: 478.96 ng/ml



#34 AR-1260-4

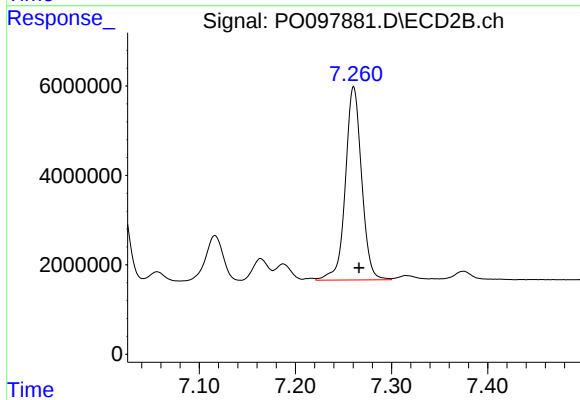
R.T.: 7.019 min
Delta R.T.: -0.006 min
Response: 23022857
Conc: 490.78 ng/ml



#35 AR-1260-5

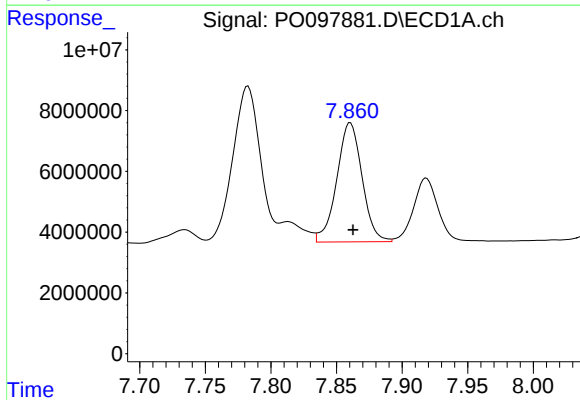
R.T.: 8.417 min
Delta R.T.: -0.004 min
Response: 99252907
Conc: 484.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



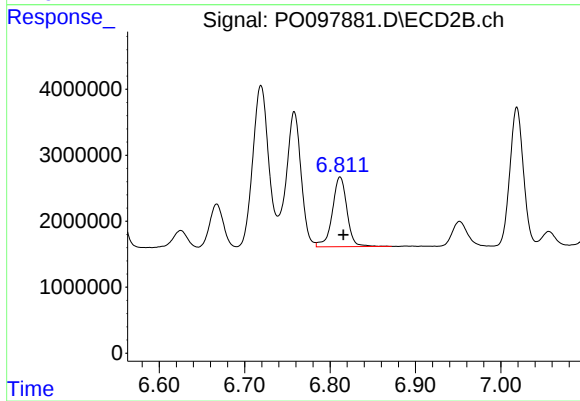
#35 AR-1260-5

R.T.: 7.261 min
Delta R.T.: -0.005 min
Response: 50842001
Conc: 512.90 ng/ml



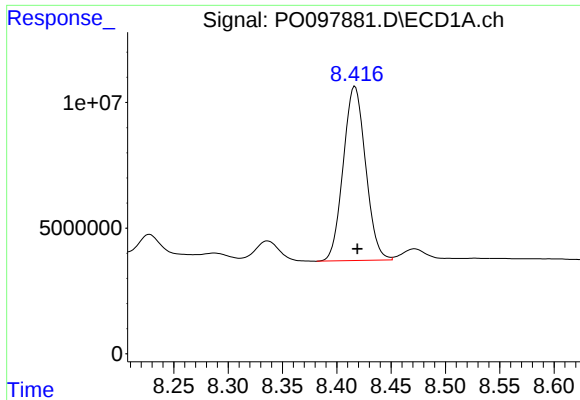
#36 AR-1262-1

R.T.: 7.861 min
Delta R.T.: -0.002 min
Response: 52703164
Conc: 346.64 ng/ml



#36 AR-1262-1

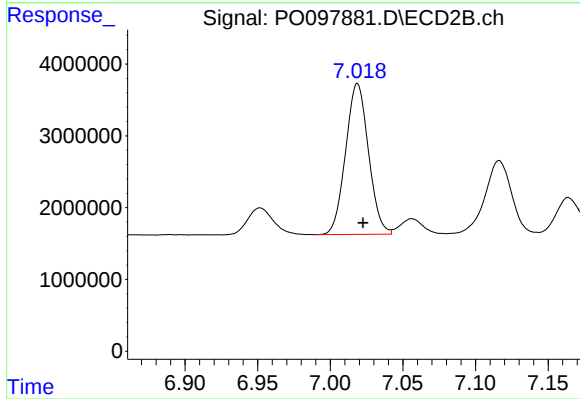
R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 12562776
Conc: 463.63 ng/ml



#37 AR-1262-2

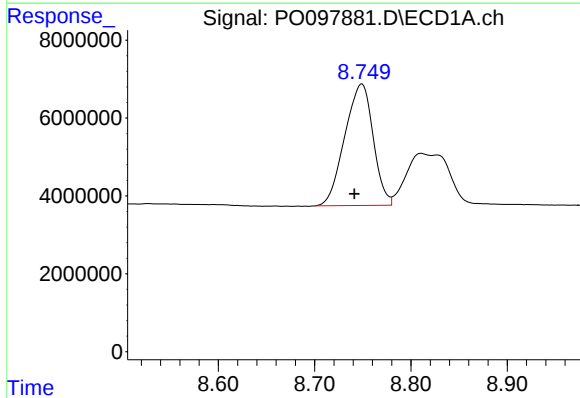
R.T.: 8.417 min
Delta R.T.: -0.002 min
Response: 99252907
Conc: 454.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



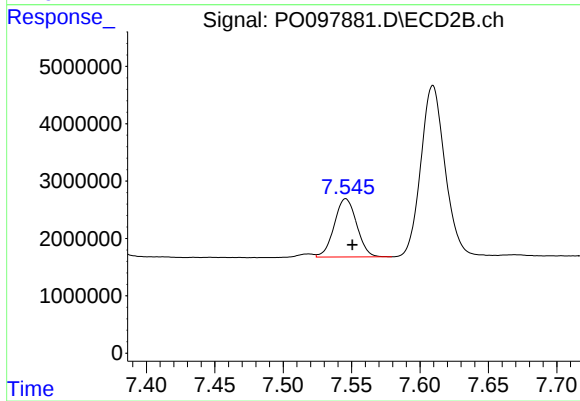
#37 AR-1262-2

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 23022857
Conc: 395.06 ng/ml



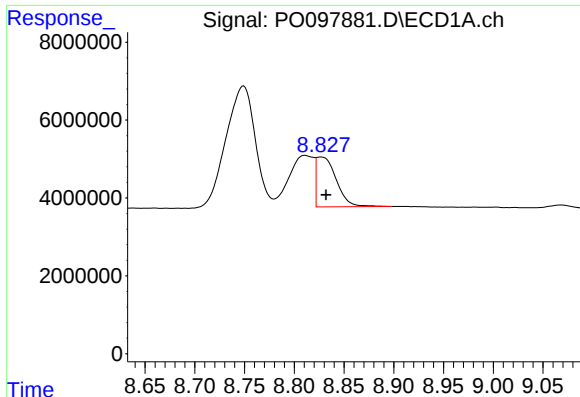
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.008 min
Response: 63863100
Conc: 412.78 ng/ml



#38 AR-1262-3

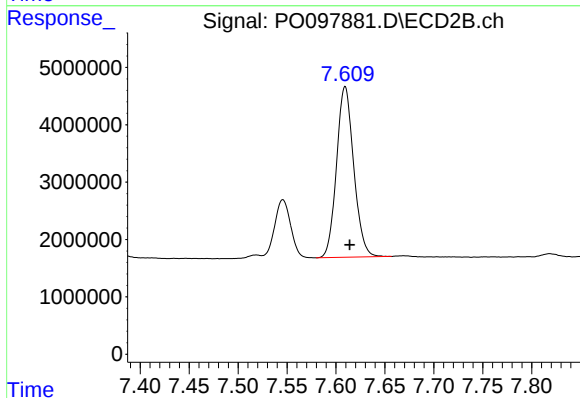
R.T.: 7.546 min
Delta R.T.: -0.005 min
Response: 11634598
Conc: 266.72 ng/ml



#39 AR-1262-4

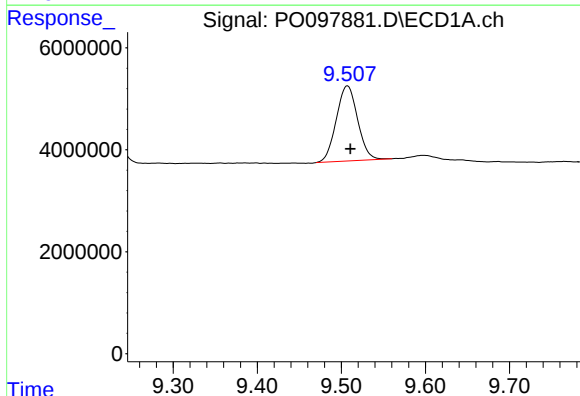
R.T.: 8.827 min
Delta R.T.: -0.005 min
Response: 17896116
Conc: 213.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



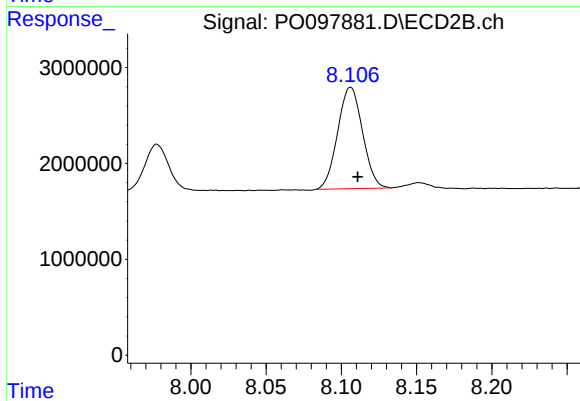
#39 AR-1262-4

R.T.: 7.609 min
Delta R.T.: -0.005 min
Response: 36415717
Conc: 478.61 ng/ml



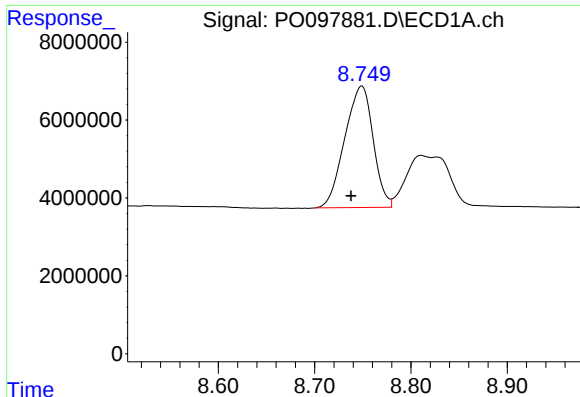
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 26000184
Conc: 360.77 ng/ml



#40 AR-1262-5

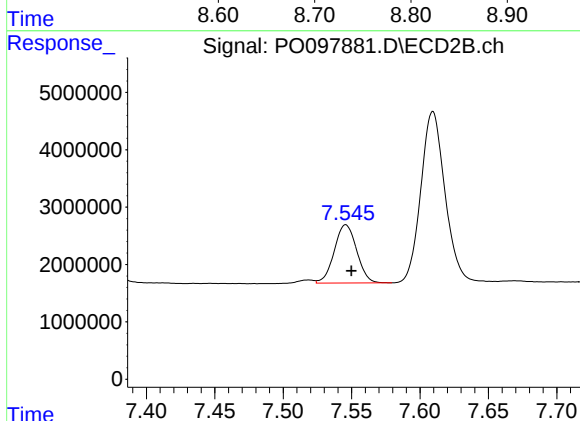
R.T.: 8.106 min
Delta R.T.: -0.005 min
Response: 12163508
Conc: 387.68 ng/ml



#41 AR-1268-1

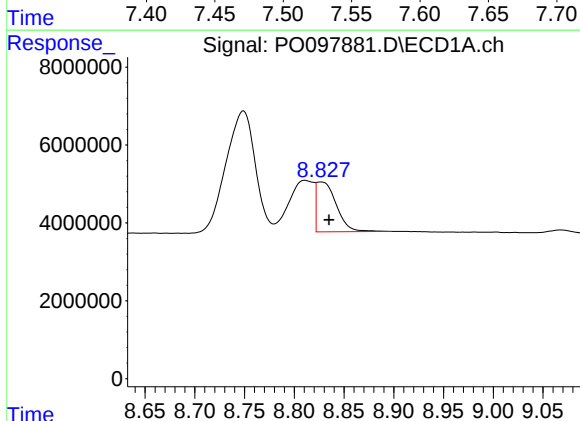
R.T.: 8.749 min
Delta R.T.: 0.011 min
Response: 63863100
Conc: 225.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



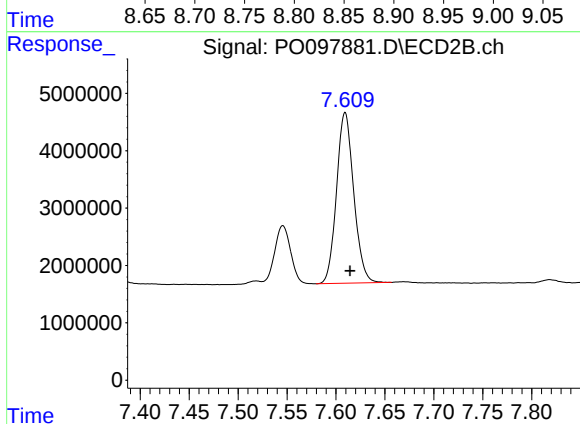
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 11634598
Conc: 88.38 ng/ml



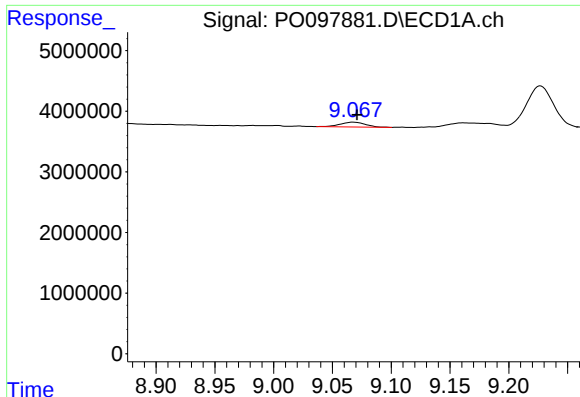
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.008 min
Response: 17896116
Conc: 70.07 ng/ml



#42 AR-1268-2

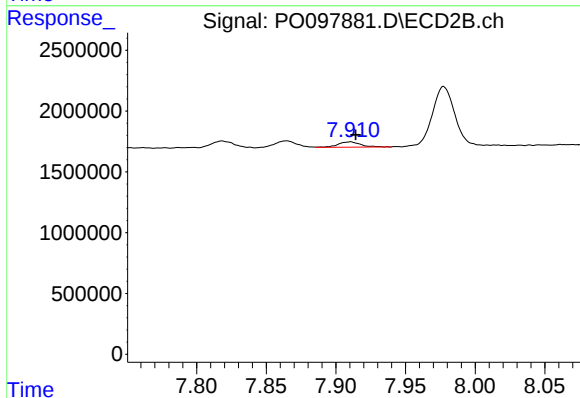
R.T.: 7.609 min
Delta R.T.: -0.005 min
Response: 36415717
Conc: 315.97 ng/ml



#43 AR-1268-3

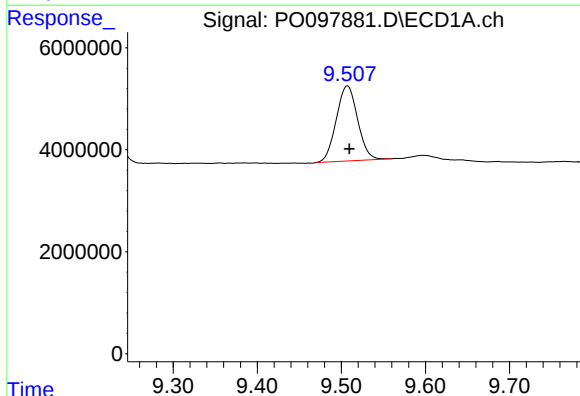
R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 1161705
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



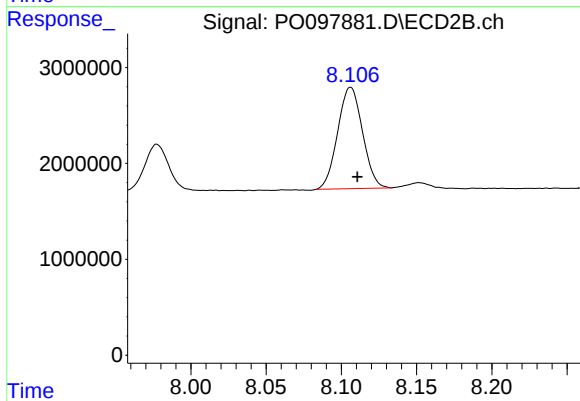
#43 AR-1268-3

R.T.: 7.910 min
Delta R.T.: -0.004 min
Response: 495651
Conc: 17.93 ng/ml



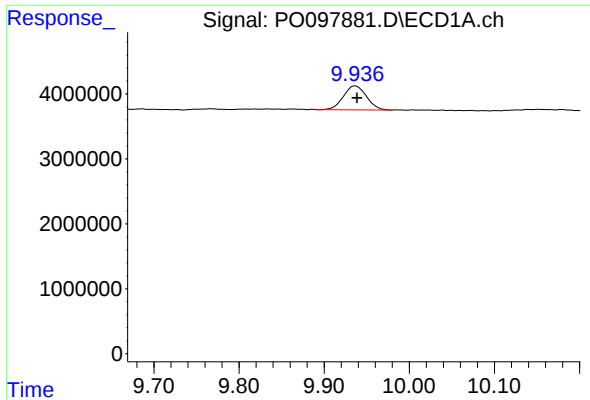
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 26000184
Conc: 318.16 ng/ml



#44 AR-1268-4

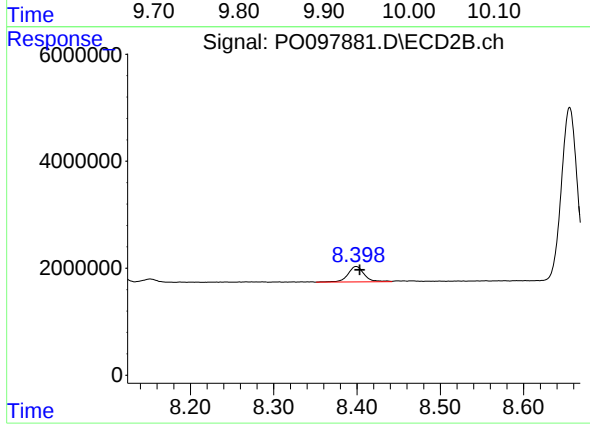
R.T.: 8.106 min
Delta R.T.: -0.005 min
Response: 12163508
Conc: 345.31 ng/ml



#45 AR-1268-5

R.T.: 9.936 min
Delta R.T.: -0.002 min
Response: 6938185
Conc: 10.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: -0.004 min
Response: 3885428
Conc: 12.39 ng/ml