

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042624\
 Data File : P0103262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Apr 2024 23:45
 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 27 01:04:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042224.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 02:20:10 2024
 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...	4.248	3.368	271.8E6	122.3E6	53.886	44.199
2) SA Decachlor...	9.760	8.216	150.3E6	93883096	51.773	54.682
Target Compounds						
3) L1 AR-1016-1	5.390	4.415	77882033	34307522	530.493	436.260
4) L1 AR-1016-2	5.412	4.433	117.1E6	56449729	542.467	481.017
5) L1 AR-1016-3	5.472	4.603	72349099	33011737	531.959	532.968
6) L1 AR-1016-4	5.570	4.645	58143052	25321336	538.600	478.011
7) L1 AR-1016-5	5.859	4.852	55221543	34816795	526.842	510.621
8) L2 AR-1221-1	4.449	3.572	8600571	3460617	148.073	110.661 #
9) L2 AR-1221-2	4.537	3.656	12347466	5652828	291.308	238.231
10) L2 AR-1221-3	4.610	3.729	43464788	20398116	341.103	287.591
11) L3 AR-1232-1	4.610	3.729	43464788	20398116	434.277	356.788
12) L3 AR-1232-2	5.128	4.433	64486684	56449729	1134.059	1034.236
13) L3 AR-1232-3	5.412	4.603	117.1E6	33011737	1189.334	1157.127
14) L3 AR-1232-4	5.570	4.684	58143052	31099601	1212.036	1148.443
15) L3 AR-1232-5	5.658	4.852	50717855	34816795	1260.959	1196.576
16) L4 AR-1242-1	5.390	4.415	77882033	34307522	638.545	517.507
17) L4 AR-1242-2	5.412	4.433	117.1E6	56449729	654.088	578.663
18) L4 AR-1242-3	5.472	4.603	72349099	33011737	639.881	615.867
19) L4 AR-1242-4	5.570	4.684	58143052	31099601	651.276	563.913
20) L4 AR-1242-5	6.294	5.194	16593596	32469523	198.551	513.051 #
21) L5 AR-1248-1	5.390	4.415	77882033	34307522	871.212	690.849
22) L5 AR-1248-2	5.658	4.645	50717855	25321336	367.634	336.412
23) L5 AR-1248-3	5.859	4.684	55221543	31099601	389.265	400.367
24) L5 AR-1248-4	6.255	4.852	19296196	34816795	136.128	388.222 #
25) L5 AR-1248-5	6.294	5.235	16593596	9962678	120.697	124.268
26) L6 AR-1254-1	6.229	5.194	50618916	32469523	318.908	241.395
27) L6 AR-1254-2	6.443	5.339	39736103	25232728	169.657	213.511 #
28) L6 AR-1254-3	6.807	5.747	18702840	43892378	80.718	250.663 #
29) L6 AR-1254-4	7.087	5.960	12454955	3644350	83.948	35.927 #
30) L6 AR-1254-5	7.501	6.368	115.6E6	74961069	694.846	497.555 #
31) L7 AR-1260-1	6.967	5.860	97072830	60491262	547.910	475.742
32) L7 AR-1260-2	7.220	6.047	107.5E6	83545091	541.770	543.973
33) L7 AR-1260-3	7.575	6.196	78208232	65578045	552.861	470.594
34) L7 AR-1260-4	7.798	6.658	78047717	57070461	502.066	518.826
35) L7 AR-1260-5	8.102	6.901	159.4E6	149.3E6	534.208	582.039
36) L8 AR-1262-1	7.501	6.368	115.6E6	74961069	847.130	925.434
37) L8 AR-1262-2	8.102	6.658	159.4E6	57070461	475.591	397.973
38) L8 AR-1262-3	8.408	7.176	87401426	34931361	395.325	287.835 #
39) L8 AR-1262-4	8.474	7.241	25423229	98146268	146.261	476.792 #
40) L8 AR-1262-5	9.081	7.731	41552042	30734533	353.920	349.307
41) L9 AR-1268-1	8.408	7.176	87401426	34931361	221.468	98.599 #

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 Acq On : 26 Apr 2024 23:45
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

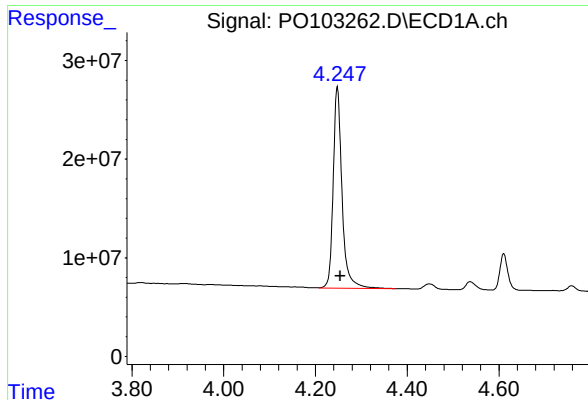
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 01:04:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042224.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	8.474	7.241	25423229	98146268	68.176	308.712 #
43) L9	AR-1268-3	8.685	7.439	2569028	1709698	7.756	6.297
44) L9	AR-1268-4	9.081	7.997	41552042	7760701	318.585	10.714 #
45) L9	AR-1268-5	9.458	8.216	9339467	93883096	8.894	302.851 #

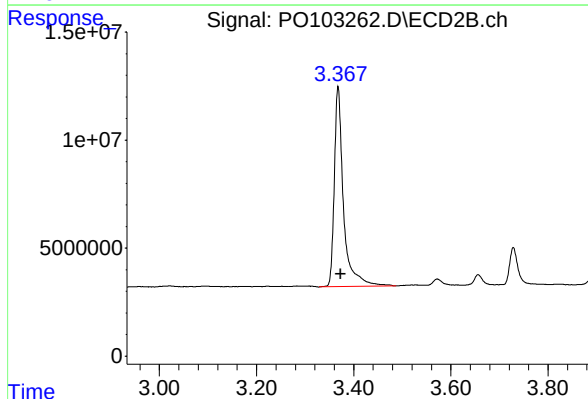
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

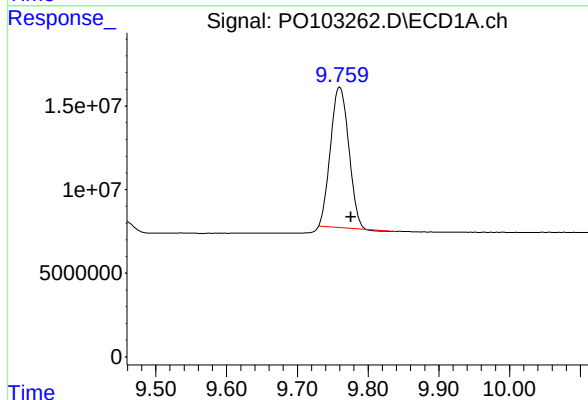
R.T.: 4.248 min
Delta R.T.: -0.006 min
Response: 271770277
Conc: 53.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



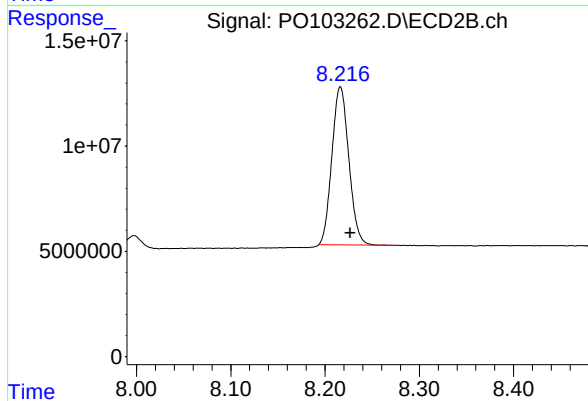
#1 Tetrachloro-m-xylene

R.T.: 3.368 min
Delta R.T.: -0.005 min
Response: 122324528
Conc: 44.20 ng/ml



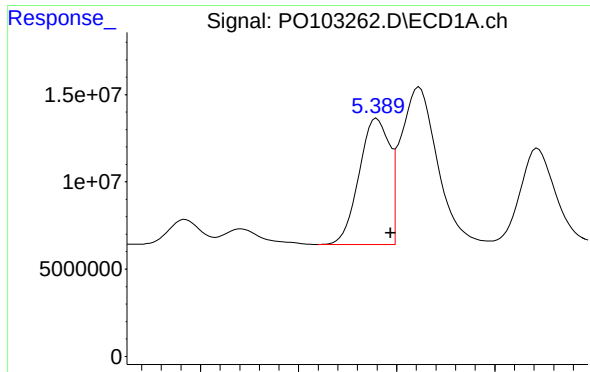
#2 Decachlorobiphenyl

R.T.: 9.760 min
Delta R.T.: -0.016 min
Response: 150336982
Conc: 51.77 ng/ml



#2 Decachlorobiphenyl

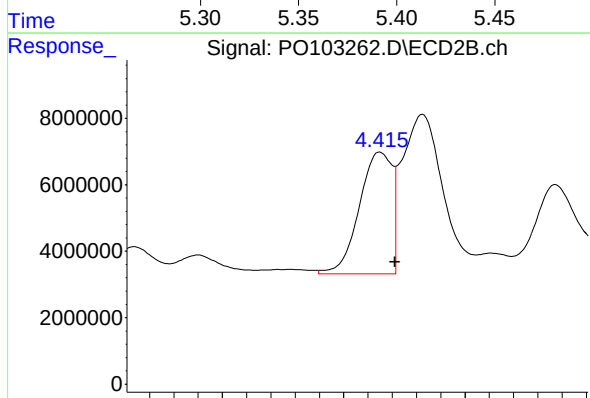
R.T.: 8.216 min
Delta R.T.: -0.011 min
Response: 93883096
Conc: 54.68 ng/ml



#3 AR-1016-1

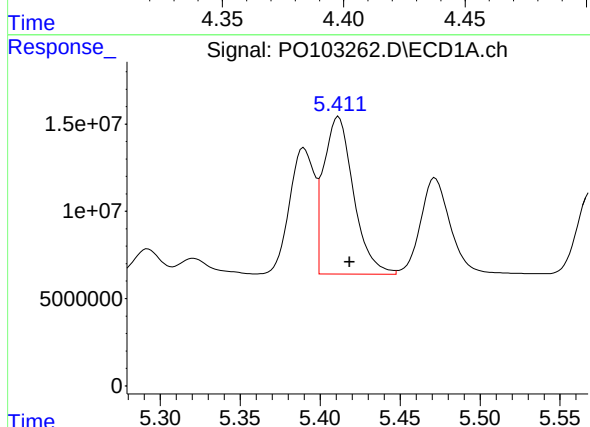
R.T.: 5.390 min
Delta R.T.: -0.007 min
Response: 77882033
Conc: 530.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



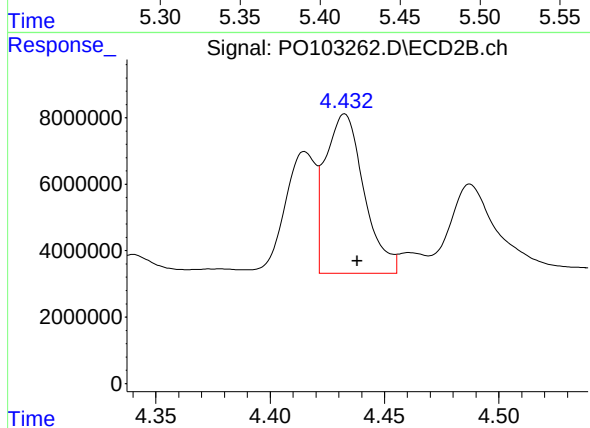
#3 AR-1016-1

R.T.: 4.415 min
Delta R.T.: -0.006 min
Response: 34307522
Conc: 436.26 ng/ml



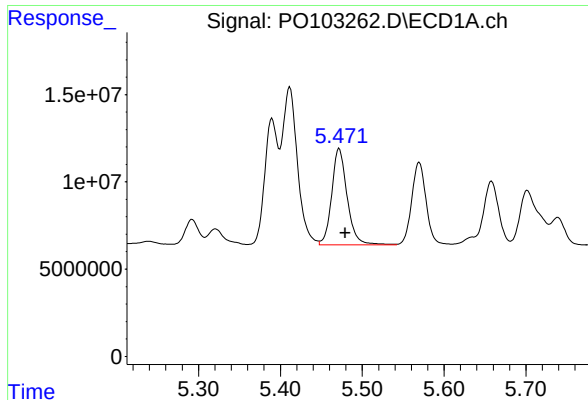
#4 AR-1016-2

R.T.: 5.412 min
Delta R.T.: -0.007 min
Response: 117143232
Conc: 542.47 ng/ml



#4 AR-1016-2

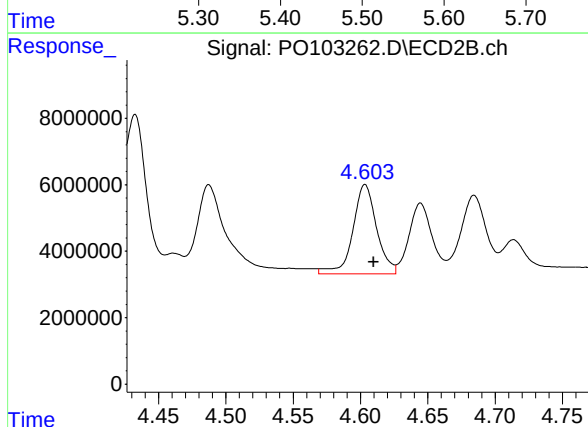
R.T.: 4.433 min
Delta R.T.: -0.006 min
Response: 56449729
Conc: 481.02 ng/ml



#5 AR-1016-3

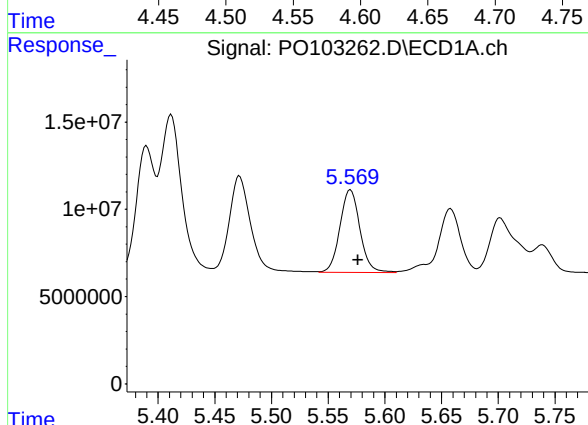
R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 72349099
Conc: 531.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



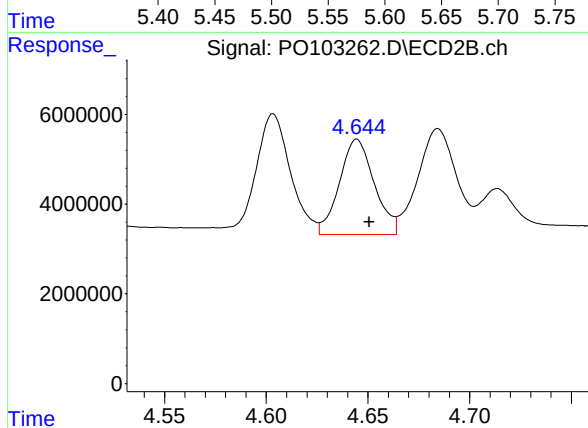
#5 AR-1016-3

R.T.: 4.603 min
Delta R.T.: -0.006 min
Response: 33011737
Conc: 532.97 ng/ml



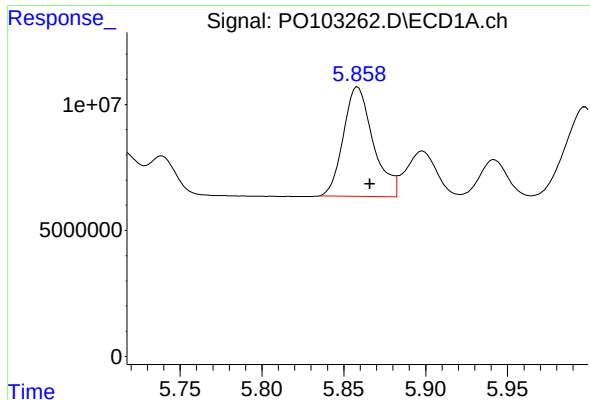
#6 AR-1016-4

R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 58143052
Conc: 538.60 ng/ml



#6 AR-1016-4

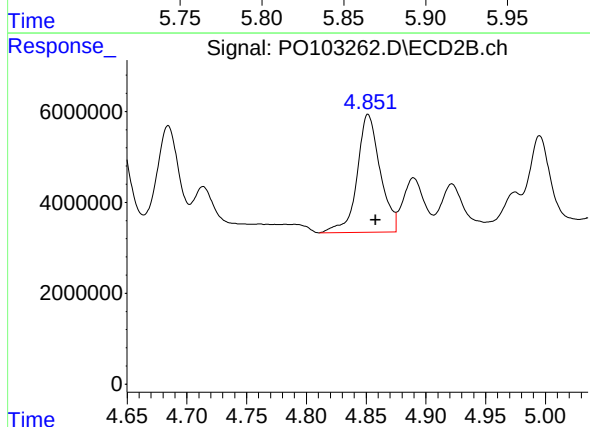
R.T.: 4.645 min
Delta R.T.: -0.006 min
Response: 25321336
Conc: 478.01 ng/ml



#7 AR-1016-5

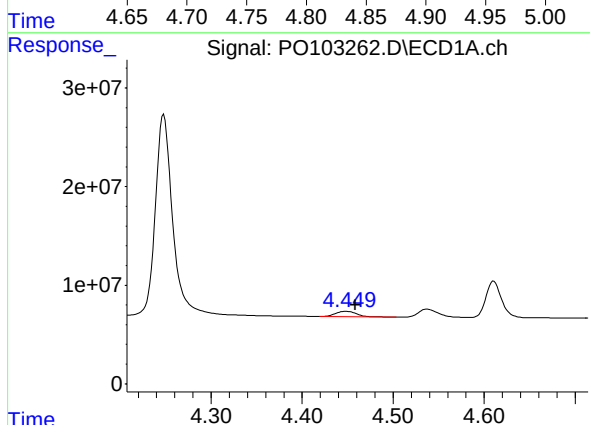
R.T.: 5.859 min
Delta R.T.: -0.008 min
Response: 55221543
Conc: 526.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



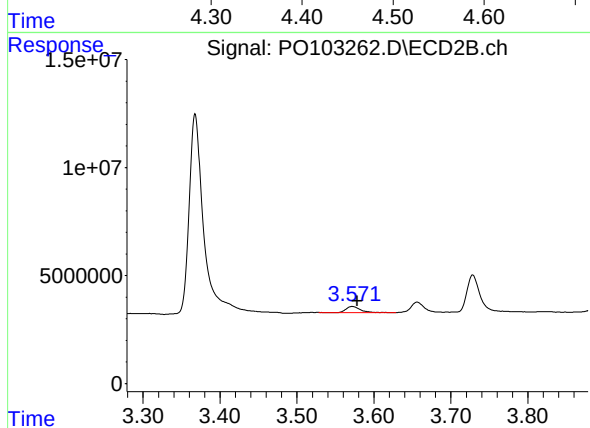
#7 AR-1016-5

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 34816795
Conc: 510.62 ng/ml



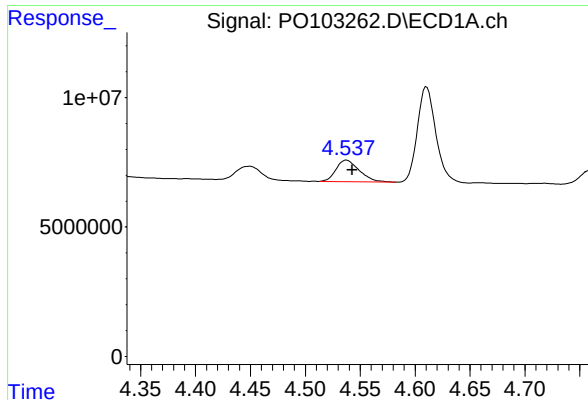
#8 AR-1221-1

R.T.: 4.449 min
Delta R.T.: -0.009 min
Response: 8600571
Conc: 148.07 ng/ml



#8 AR-1221-1

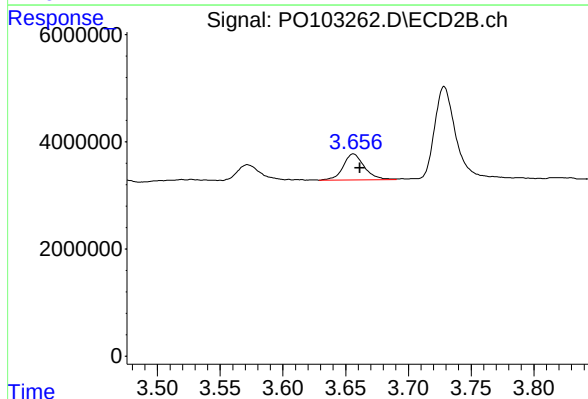
R.T.: 3.572 min
Delta R.T.: -0.007 min
Response: 3460617
Conc: 110.66 ng/ml



#9 AR-1221-2

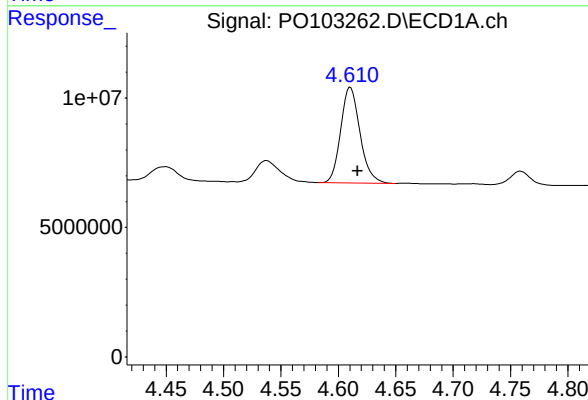
R.T.: 4.537 min
Delta R.T.: -0.006 min
Response: 12347466
Conc: 291.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



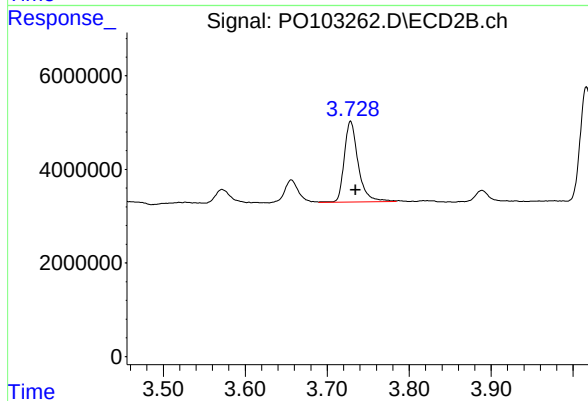
#9 AR-1221-2

R.T.: 3.656 min
Delta R.T.: -0.005 min
Response: 5652828
Conc: 238.23 ng/ml



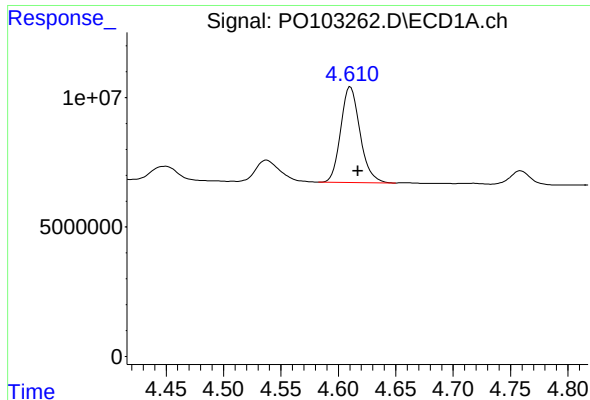
#10 AR-1221-3

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 43464788
Conc: 341.10 ng/ml



#10 AR-1221-3

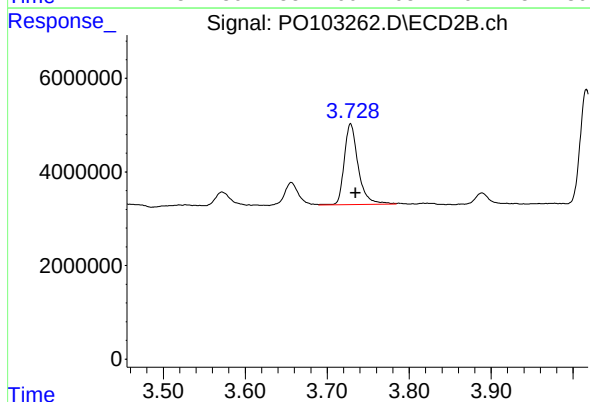
R.T.: 3.729 min
Delta R.T.: -0.006 min
Response: 20398116
Conc: 287.59 ng/ml



#11 AR-1232-1

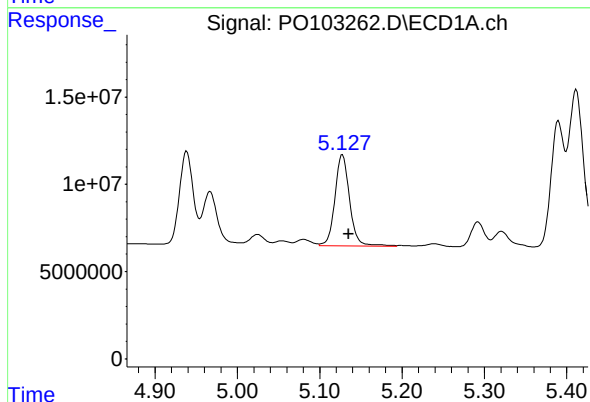
R.T.: 4.610 min
Delta R.T.: -0.007 min
Response: 43464788
Conc: 434.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



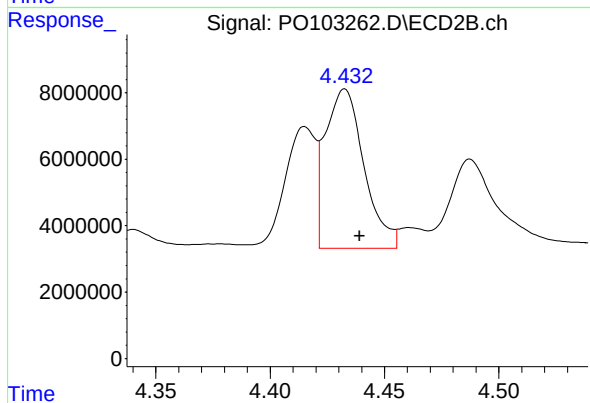
#11 AR-1232-1

R.T.: 3.729 min
Delta R.T.: -0.006 min
Response: 20398116
Conc: 356.79 ng/ml



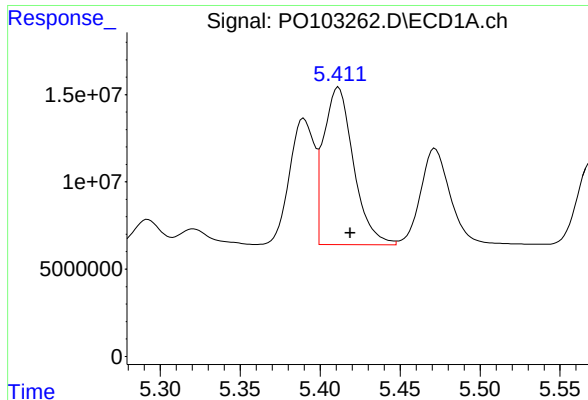
#12 AR-1232-2

R.T.: 5.128 min
Delta R.T.: -0.007 min
Response: 64486684
Conc: 1134.06 ng/ml



#12 AR-1232-2

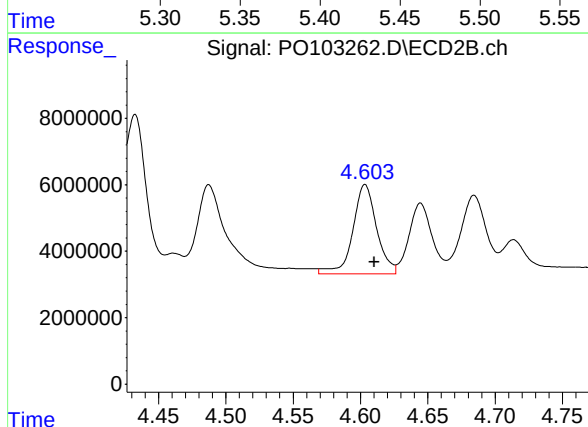
R.T.: 4.433 min
Delta R.T.: -0.007 min
Response: 56449729
Conc: 1034.24 ng/ml



#13 AR-1232-3

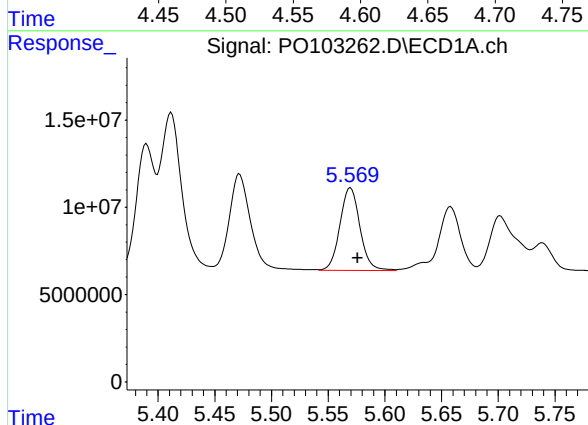
R.T.: 5.412 min
Delta R.T.: -0.007 min
Response: 117143232
Conc: 1189.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



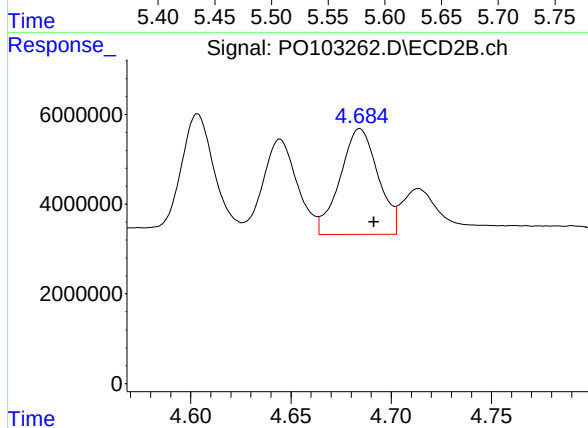
#13 AR-1232-3

R.T.: 4.603 min
Delta R.T.: -0.007 min
Response: 33011737
Conc: 1157.13 ng/ml



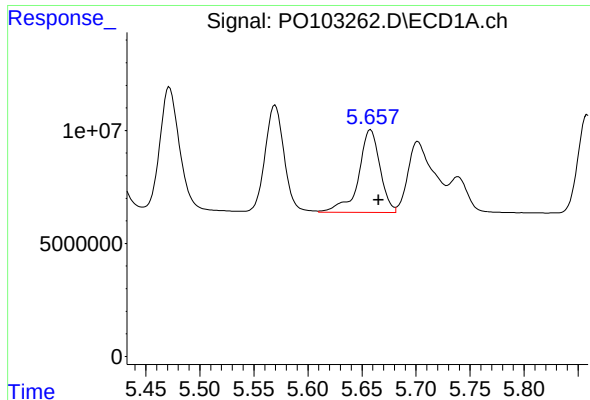
#14 AR-1232-4

R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 58143052
Conc: 1212.04 ng/ml



#14 AR-1232-4

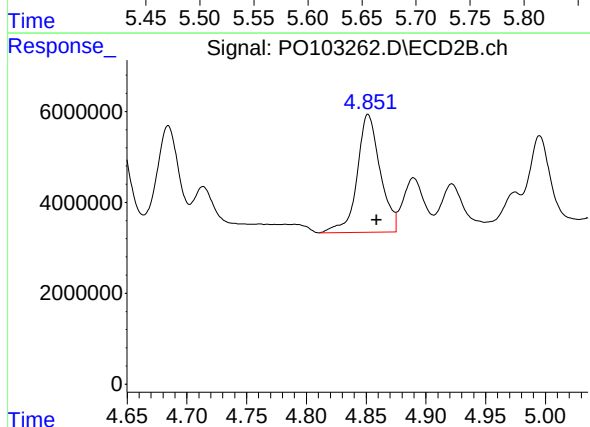
R.T.: 4.684 min
Delta R.T.: -0.007 min
Response: 31099601
Conc: 1148.44 ng/ml



#15 AR-1232-5

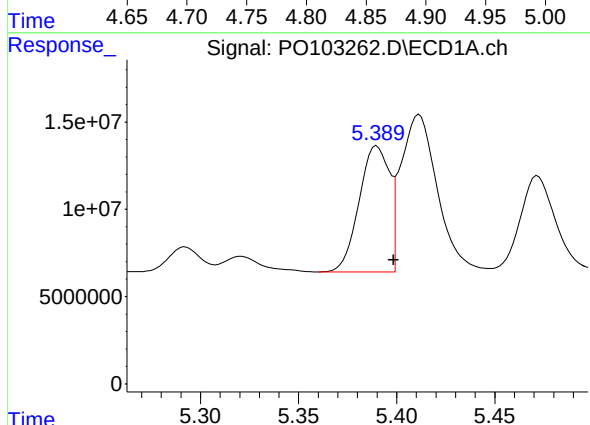
R.T.: 5.658 min
Delta R.T.: -0.008 min
Response: 50717855
Conc: 1260.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



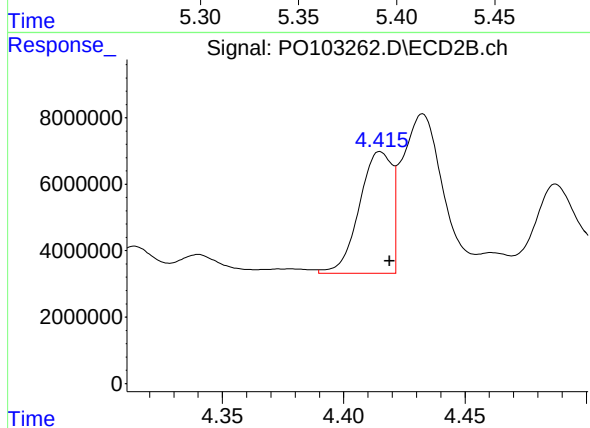
#15 AR-1232-5

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 34816795
Conc: 1196.58 ng/ml



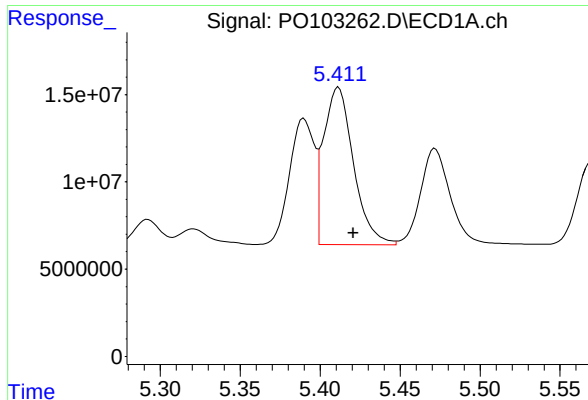
#16 AR-1242-1

R.T.: 5.390 min
Delta R.T.: -0.009 min
Response: 77882033
Conc: 638.54 ng/ml



#16 AR-1242-1

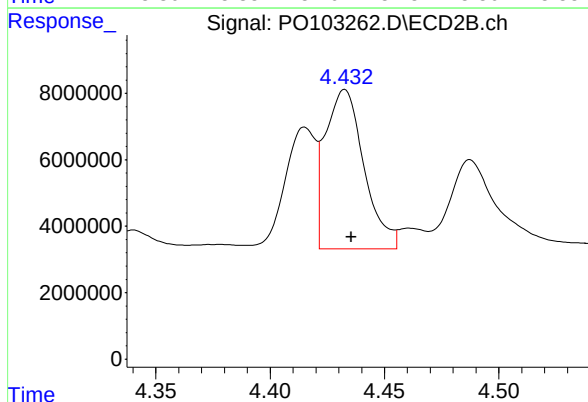
R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 34307522
Conc: 517.51 ng/ml



#17 AR-1242-2

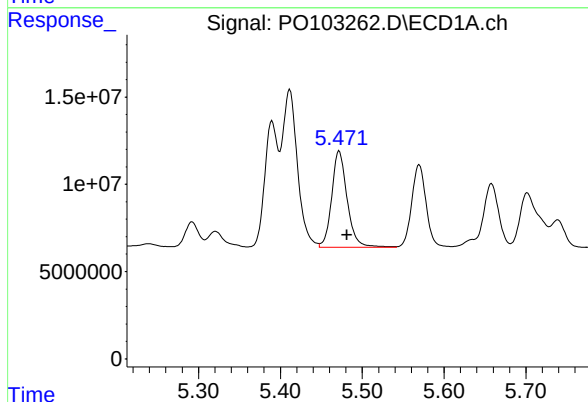
R.T.: 5.412 min
Delta R.T.: -0.009 min
Response: 117143232
Conc: 654.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



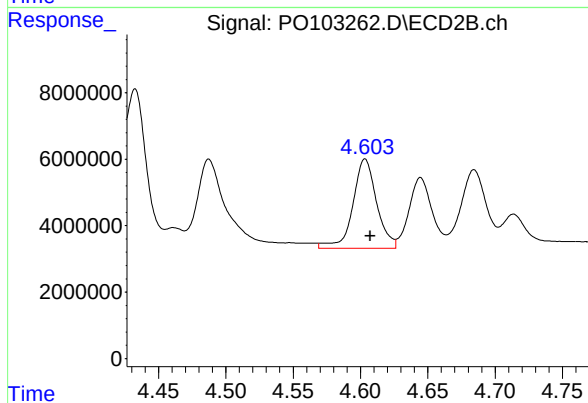
#17 AR-1242-2

R.T.: 4.433 min
Delta R.T.: -0.003 min
Response: 56449729
Conc: 578.66 ng/ml



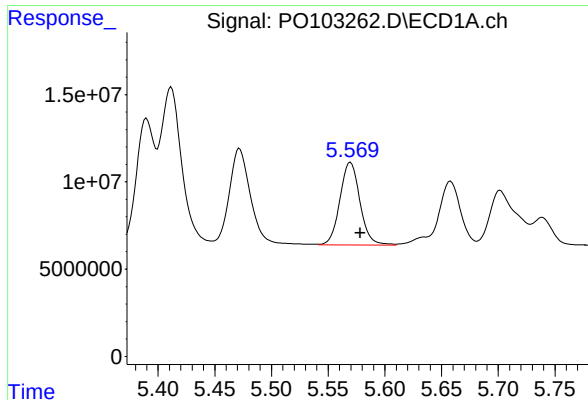
#18 AR-1242-3

R.T.: 5.472 min
Delta R.T.: -0.009 min
Response: 72349099
Conc: 639.88 ng/ml



#18 AR-1242-3

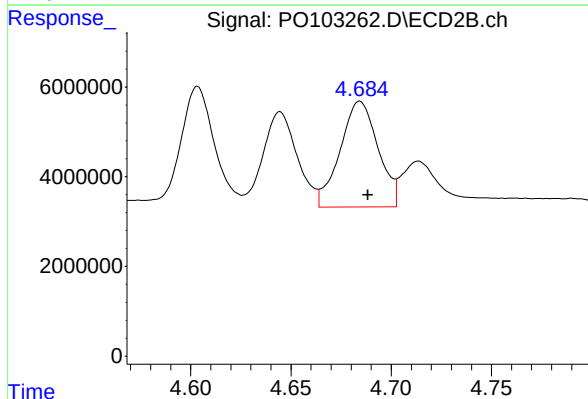
R.T.: 4.603 min
Delta R.T.: -0.004 min
Response: 33011737
Conc: 615.87 ng/ml



#19 AR-1242-4

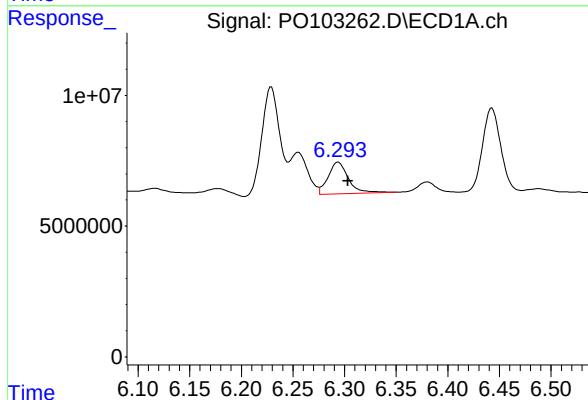
R.T.: 5.570 min
Delta R.T.: -0.009 min
Response: 58143052
Conc: 651.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



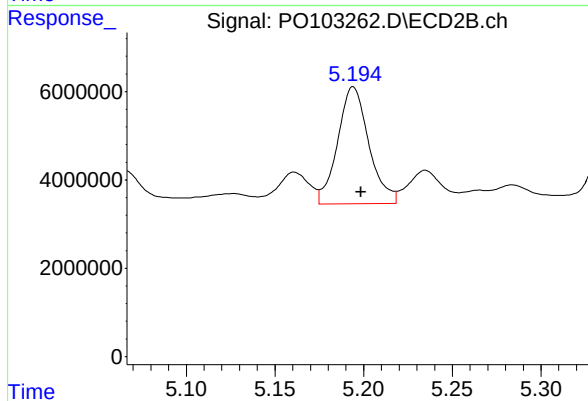
#19 AR-1242-4

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 31099601
Conc: 563.91 ng/ml



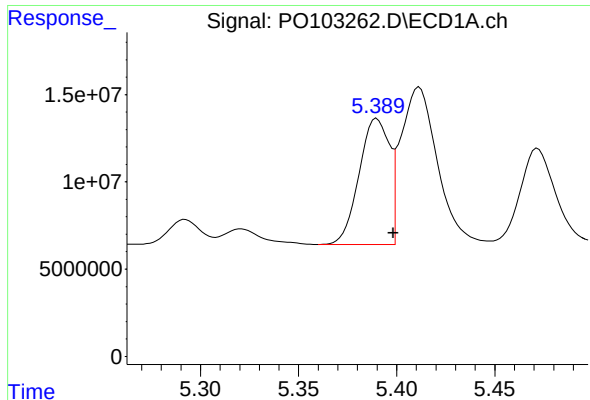
#20 AR-1242-5

R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 16593596
Conc: 198.55 ng/ml



#20 AR-1242-5

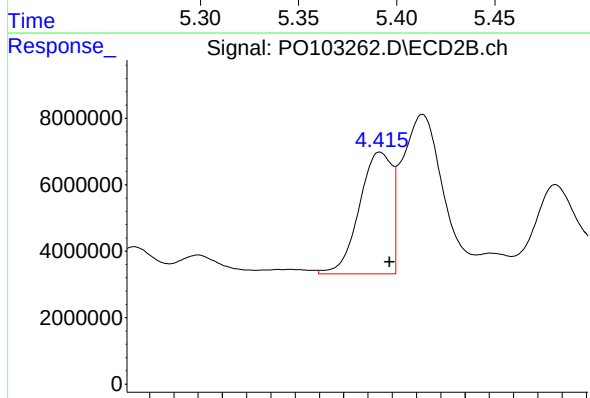
R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 32469523
Conc: 513.05 ng/ml



#21 AR-1248-1

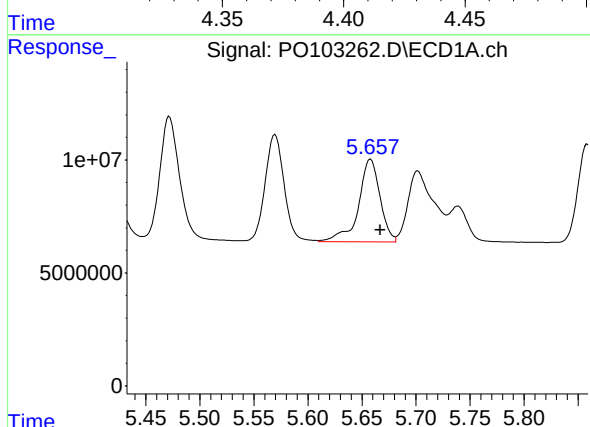
R.T.: 5.390 min
Delta R.T.: -0.008 min
Response: 77882033
Conc: 871.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



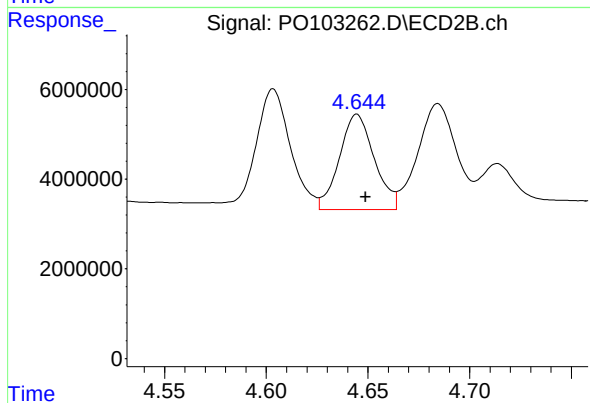
#21 AR-1248-1

R.T.: 4.415 min
Delta R.T.: -0.004 min
Response: 34307522
Conc: 690.85 ng/ml



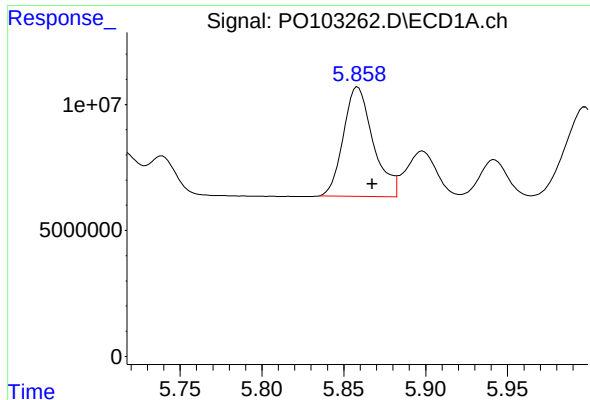
#22 AR-1248-2

R.T.: 5.658 min
Delta R.T.: -0.009 min
Response: 50717855
Conc: 367.63 ng/ml



#22 AR-1248-2

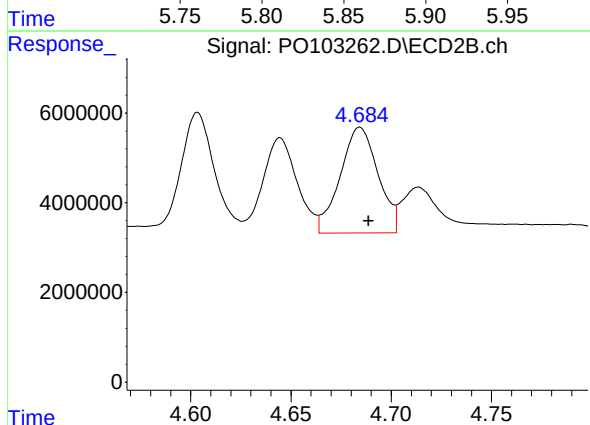
R.T.: 4.645 min
Delta R.T.: -0.004 min
Response: 25321336
Conc: 336.41 ng/ml



#23 AR-1248-3

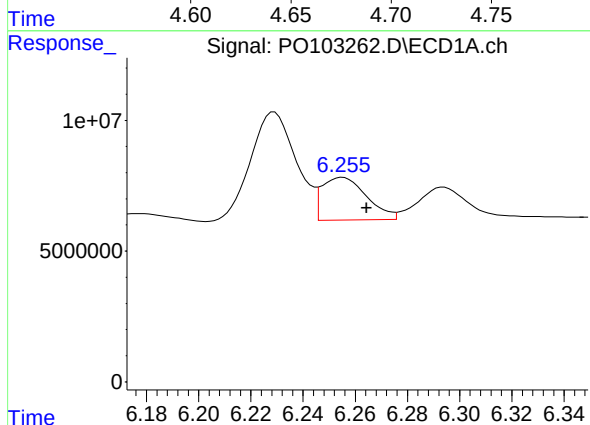
R.T.: 5.859 min
Delta R.T.: -0.009 min
Response: 55221543
Conc: 389.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



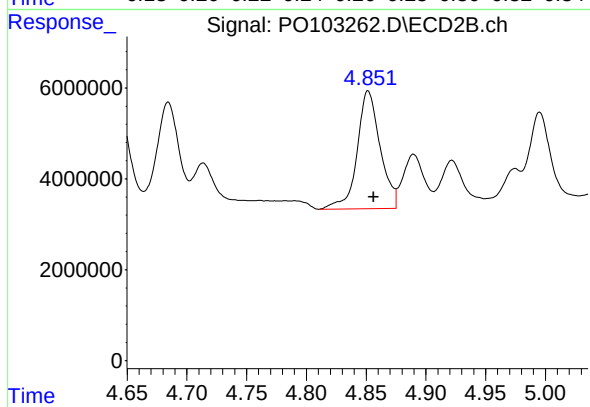
#23 AR-1248-3

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 31099601
Conc: 400.37 ng/ml



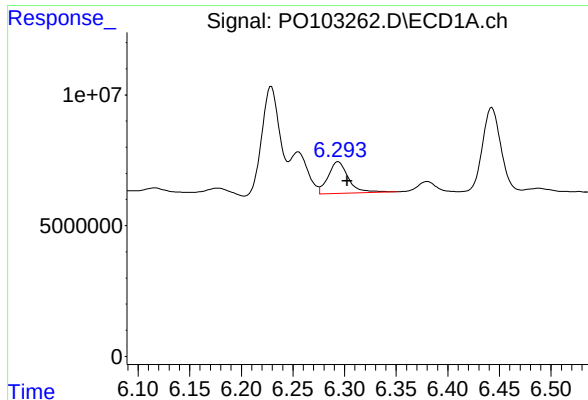
#24 AR-1248-4

R.T.: 6.255 min
Delta R.T.: -0.009 min
Response: 19296196
Conc: 136.13 ng/ml



#24 AR-1248-4

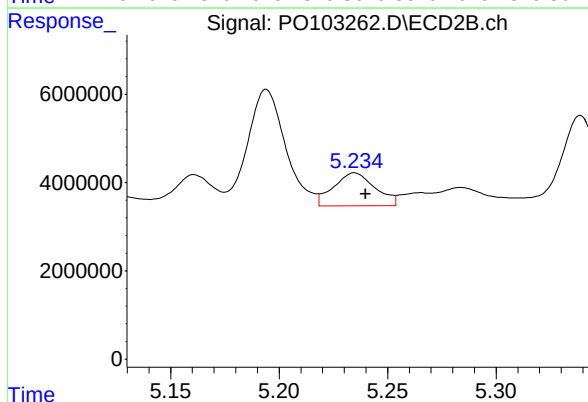
R.T.: 4.852 min
Delta R.T.: -0.005 min
Response: 34816795
Conc: 388.22 ng/ml



#25 AR-1248-5

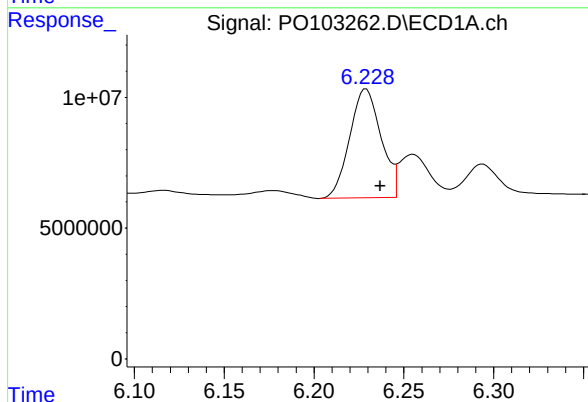
R.T.: 6.294 min
Delta R.T.: -0.009 min
Response: 16593596
Conc: 120.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



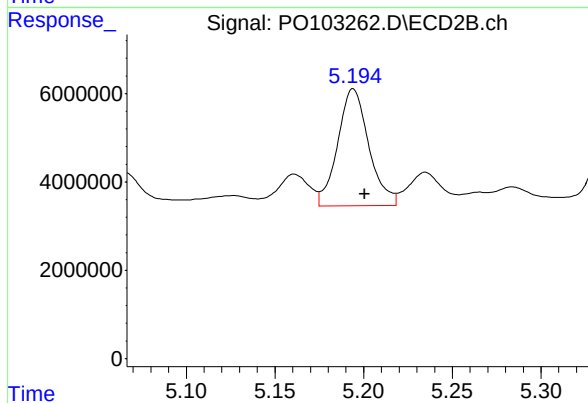
#25 AR-1248-5

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 9962678
Conc: 124.27 ng/ml



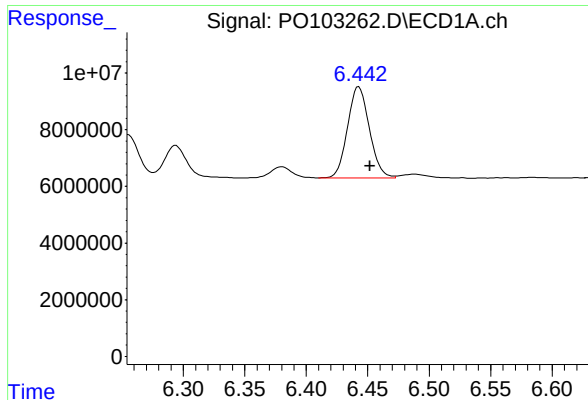
#26 AR-1254-1

R.T.: 6.229 min
Delta R.T.: -0.008 min
Response: 50618916
Conc: 318.91 ng/ml



#26 AR-1254-1

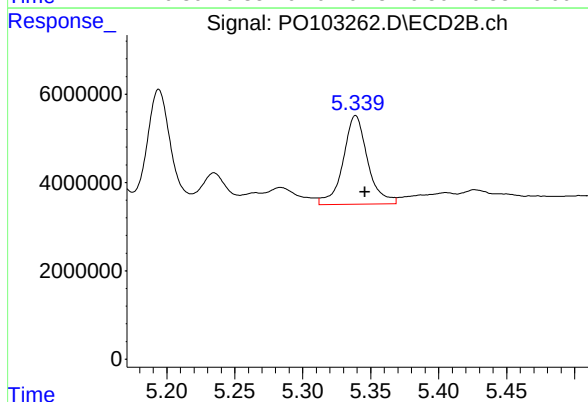
R.T.: 5.194 min
Delta R.T.: -0.006 min
Response: 32469523
Conc: 241.40 ng/ml



#27 AR-1254-2

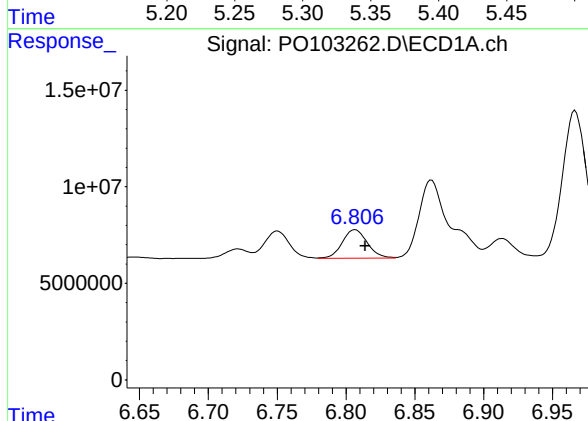
R.T.: 6.443 min
Delta R.T.: -0.009 min
Response: 39736103
Conc: 169.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



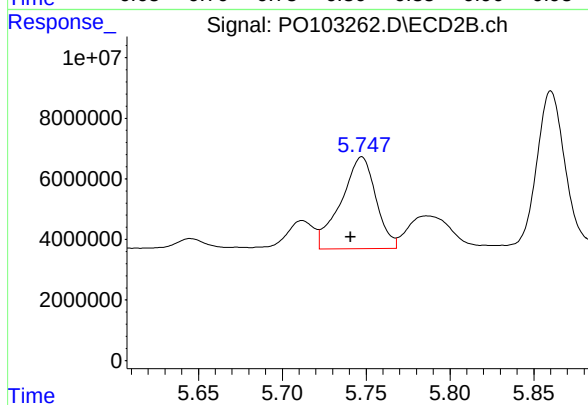
#27 AR-1254-2

R.T.: 5.339 min
Delta R.T.: -0.007 min
Response: 25232728
Conc: 213.51 ng/ml



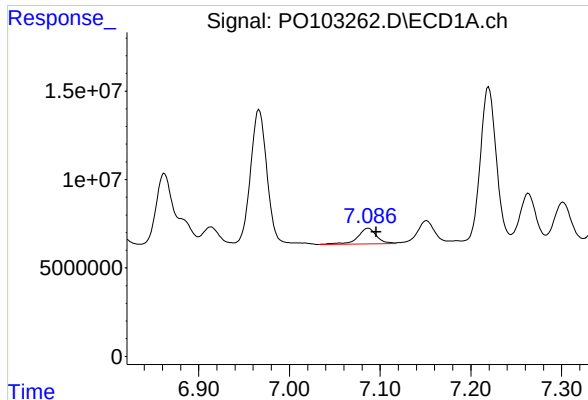
#28 AR-1254-3

R.T.: 6.807 min
Delta R.T.: -0.008 min
Response: 18702840
Conc: 80.72 ng/ml



#28 AR-1254-3

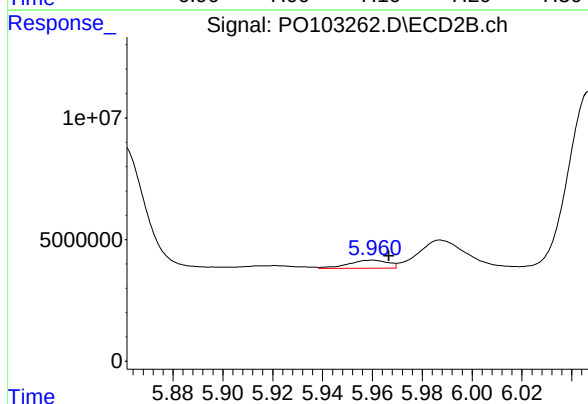
R.T.: 5.747 min
Delta R.T.: 0.007 min
Response: 43892378
Conc: 250.66 ng/ml



#29 AR-1254-4

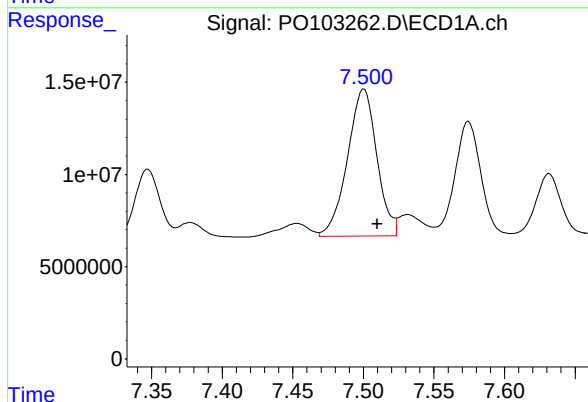
R.T.: 7.087 min
Delta R.T.: -0.009 min
Response: 12454955
Conc: 83.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



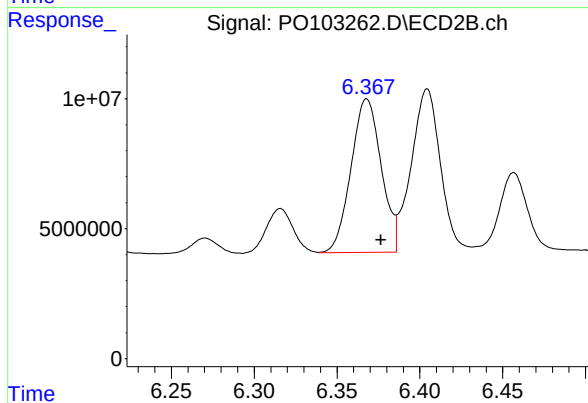
#29 AR-1254-4

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 3644350
Conc: 35.93 ng/ml



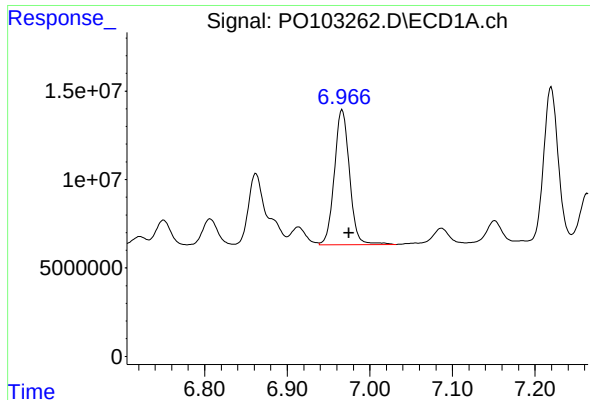
#30 AR-1254-5

R.T.: 7.501 min
Delta R.T.: -0.009 min
Response: 115563870
Conc: 694.85 ng/ml



#30 AR-1254-5

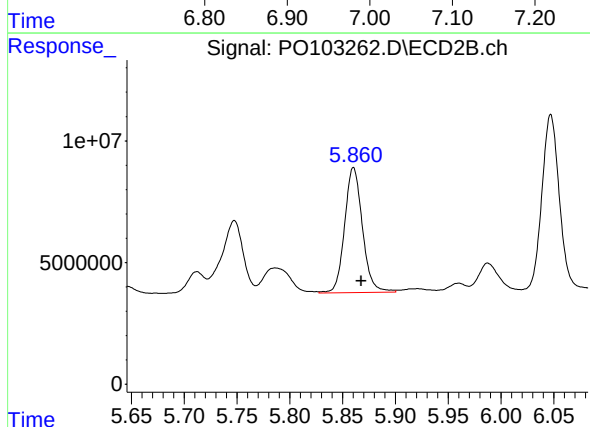
R.T.: 6.368 min
Delta R.T.: -0.008 min
Response: 74961069
Conc: 497.56 ng/ml



#31 AR-1260-1

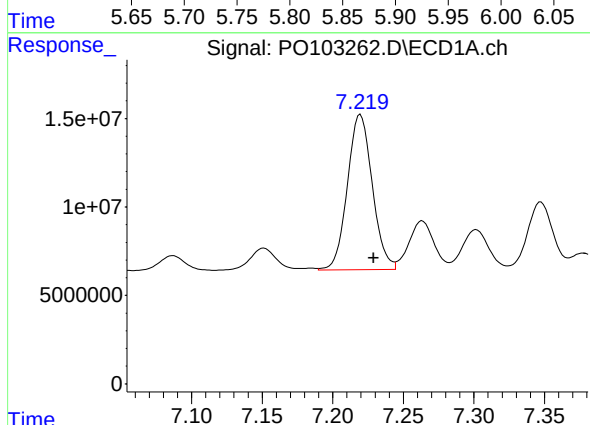
R.T.: 6.967 min
Delta R.T.: -0.008 min
Response: 97072830
Conc: 547.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



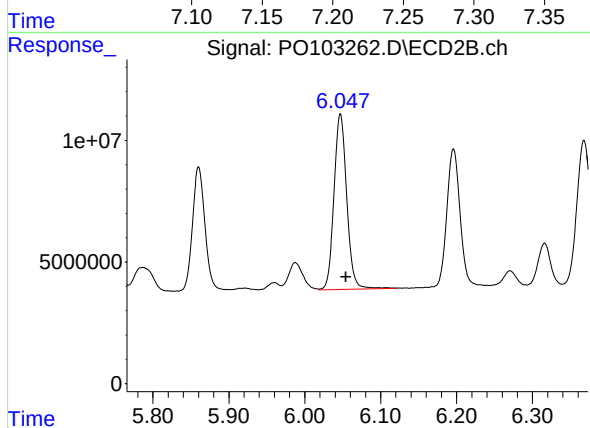
#31 AR-1260-1

R.T.: 5.860 min
Delta R.T.: -0.008 min
Response: 60491262
Conc: 475.74 ng/ml



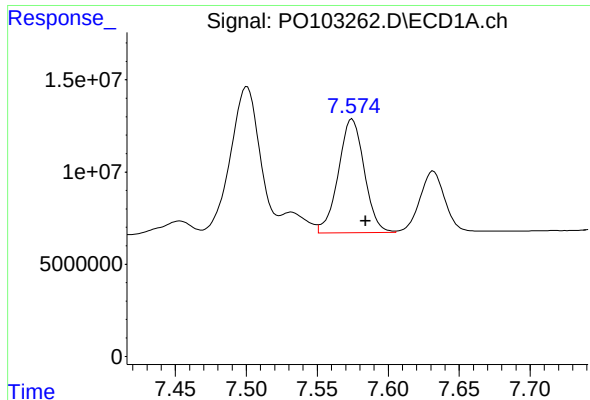
#32 AR-1260-2

R.T.: 7.220 min
Delta R.T.: -0.009 min
Response: 107454479
Conc: 541.77 ng/ml



#32 AR-1260-2

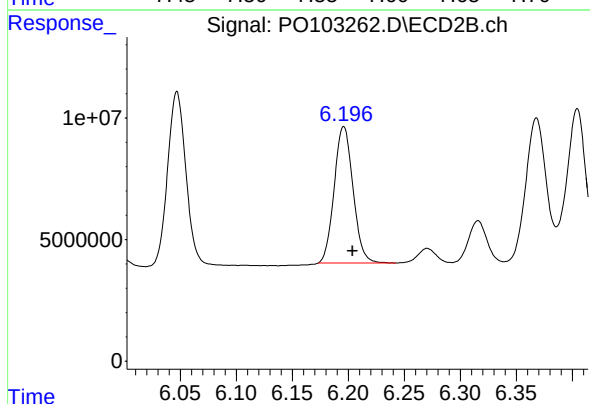
R.T.: 6.047 min
Delta R.T.: -0.007 min
Response: 83545091
Conc: 543.97 ng/ml



#33 AR-1260-3

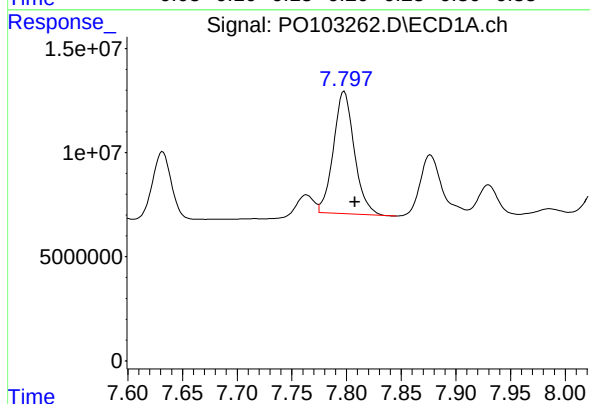
R.T.: 7.575 min
Delta R.T.: -0.009 min
Response: 78208232
Conc: 552.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



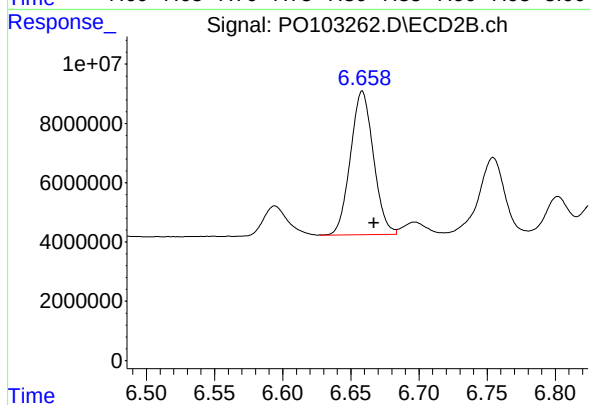
#33 AR-1260-3

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 65578045
Conc: 470.59 ng/ml



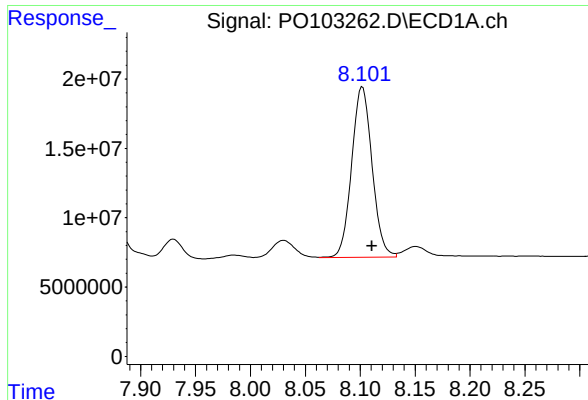
#34 AR-1260-4

R.T.: 7.798 min
Delta R.T.: -0.010 min
Response: 78047717
Conc: 502.07 ng/ml



#34 AR-1260-4

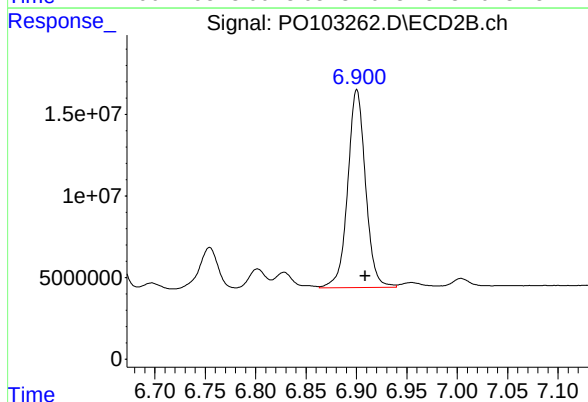
R.T.: 6.658 min
Delta R.T.: -0.009 min
Response: 57070461
Conc: 518.83 ng/ml



#35 AR-1260-5

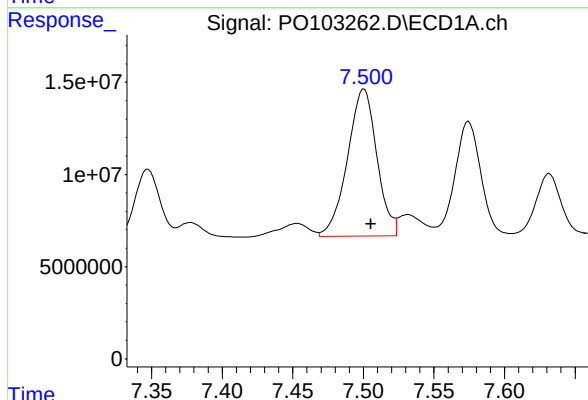
R.T.: 8.102 min
Delta R.T.: -0.009 min
Response: 159375392
Conc: 534.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



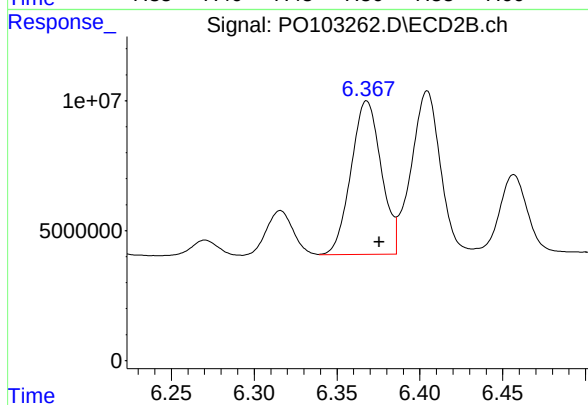
#35 AR-1260-5

R.T.: 6.901 min
Delta R.T.: -0.008 min
Response: 149327247
Conc: 582.04 ng/ml



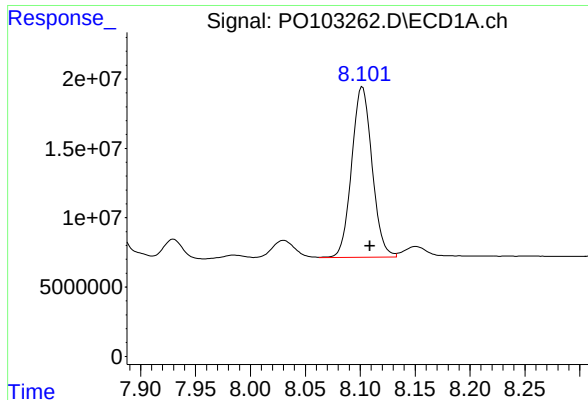
#36 AR-1262-1

R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 115563870
Conc: 847.13 ng/ml



#36 AR-1262-1

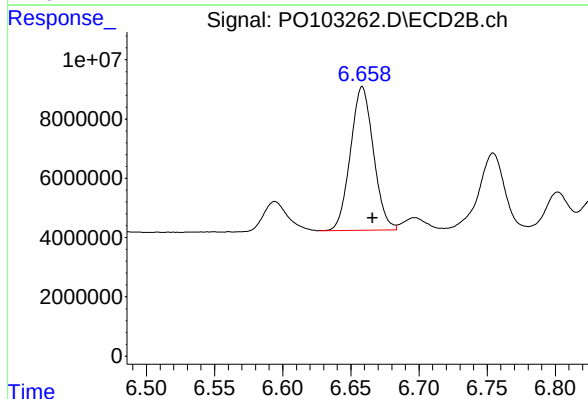
R.T.: 6.368 min
Delta R.T.: -0.008 min
Response: 74961069
Conc: 925.43 ng/ml



#37 AR-1262-2

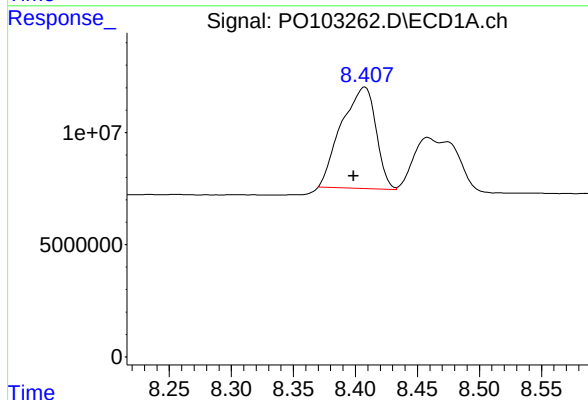
R.T.: 8.102 min
Delta R.T.: -0.007 min
Response: 159375392
Conc: 475.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



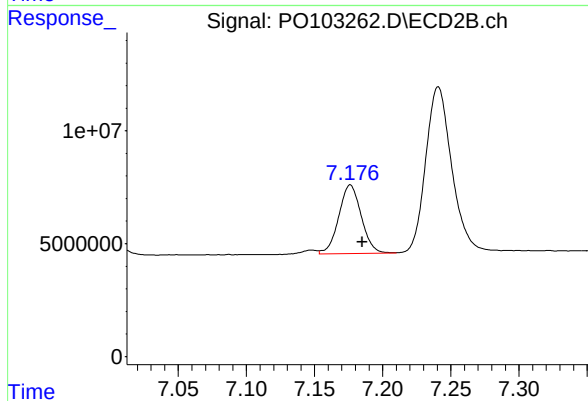
#37 AR-1262-2

R.T.: 6.658 min
Delta R.T.: -0.008 min
Response: 57070461
Conc: 397.97 ng/ml



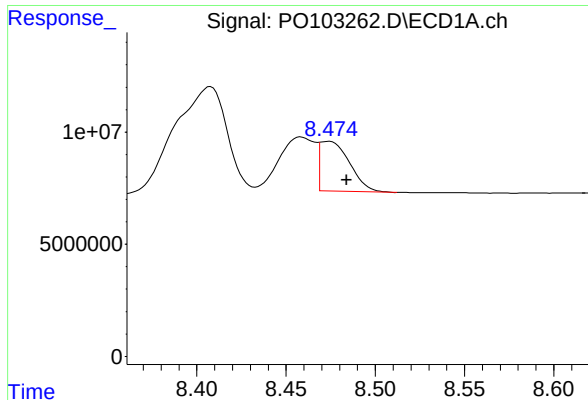
#38 AR-1262-3

R.T.: 8.408 min
Delta R.T.: 0.009 min
Response: 87401426
Conc: 395.32 ng/ml



#38 AR-1262-3

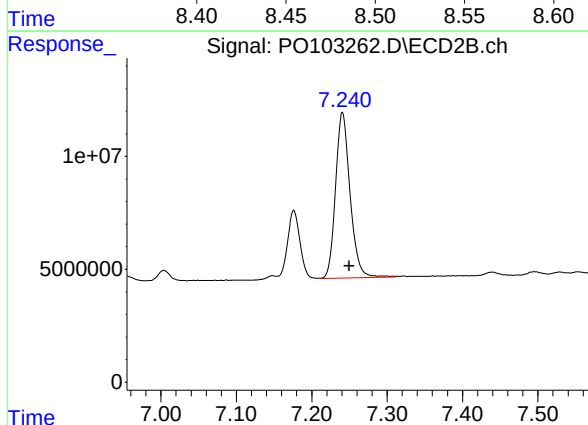
R.T.: 7.176 min
Delta R.T.: -0.009 min
Response: 34931361
Conc: 287.84 ng/ml



#39 AR-1262-4

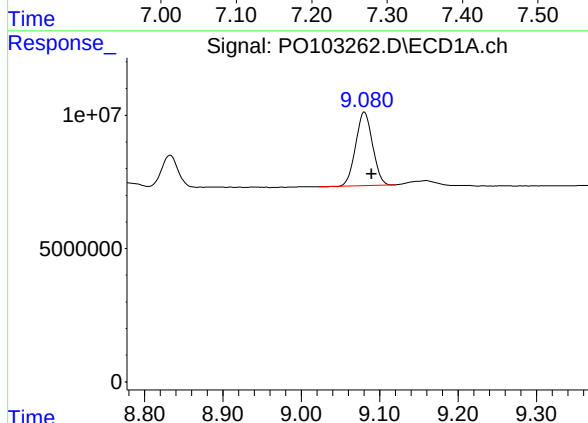
R.T.: 8.474 min
Delta R.T.: -0.010 min
Response: 25423229
Conc: 146.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



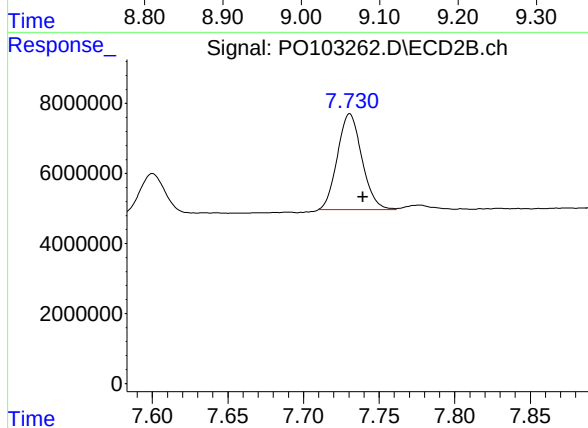
#39 AR-1262-4

R.T.: 7.241 min
Delta R.T.: -0.009 min
Response: 98146268
Conc: 476.79 ng/ml



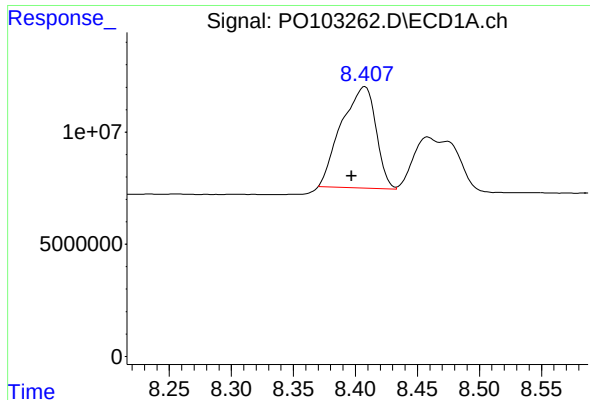
#40 AR-1262-5

R.T.: 9.081 min
Delta R.T.: -0.009 min
Response: 41552042
Conc: 353.92 ng/ml



#40 AR-1262-5

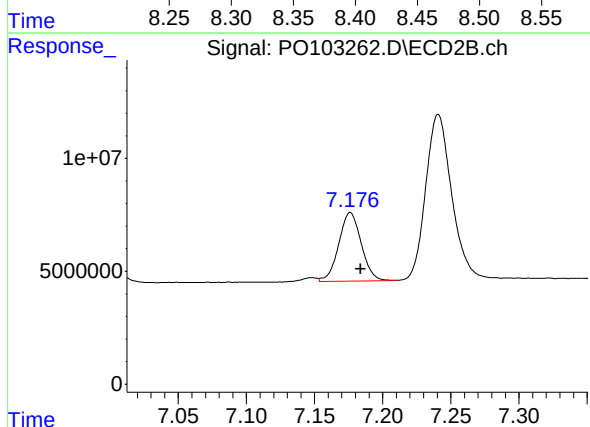
R.T.: 7.731 min
Delta R.T.: -0.009 min
Response: 30734533
Conc: 349.31 ng/ml



#41 AR-1268-1

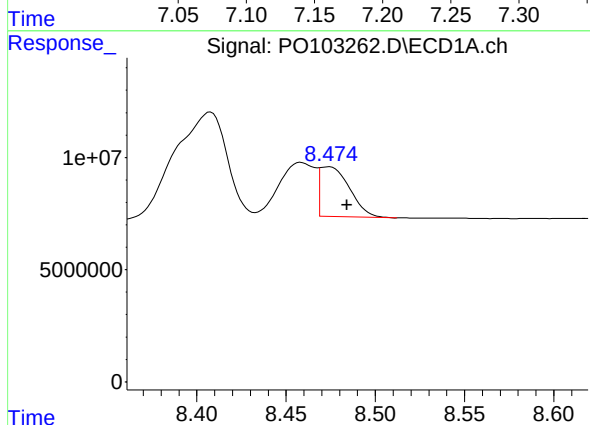
R.T.: 8.408 min
Delta R.T.: 0.011 min
Response: 87401426
Conc: 221.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



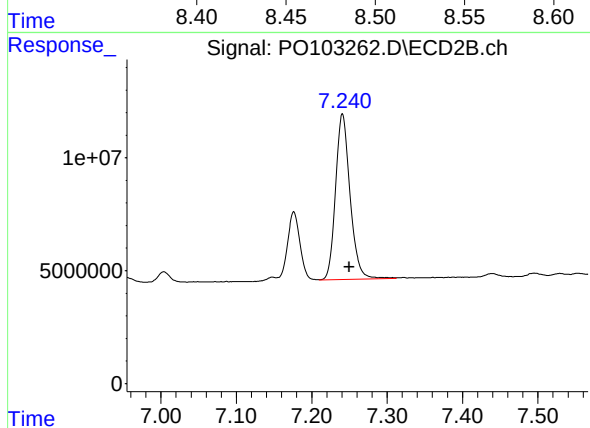
#41 AR-1268-1

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 34931361
Conc: 98.60 ng/ml



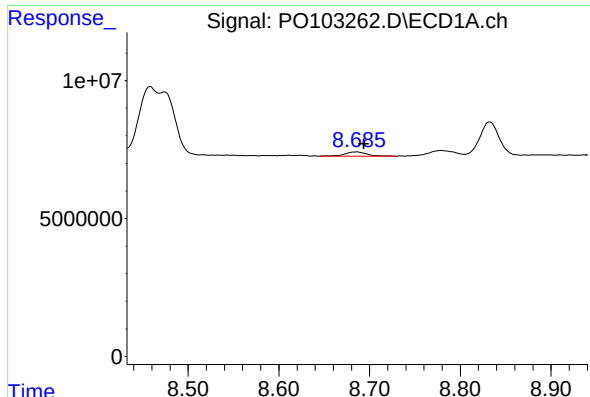
#42 AR-1268-2

R.T.: 8.474 min
Delta R.T.: -0.010 min
Response: 25423229
Conc: 68.18 ng/ml



#42 AR-1268-2

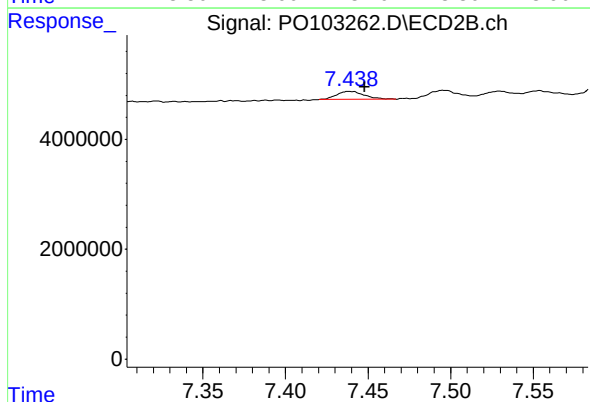
R.T.: 7.241 min
Delta R.T.: -0.009 min
Response: 98146268
Conc: 308.71 ng/ml



#43 AR-1268-3

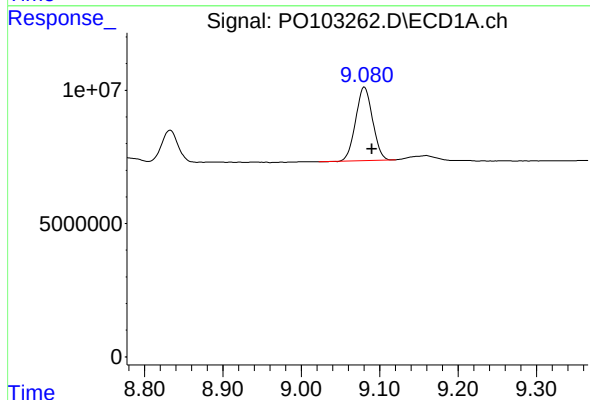
R.T.: 8.685 min
Delta R.T.: -0.009 min
Response: 2569028
Conc: 7.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



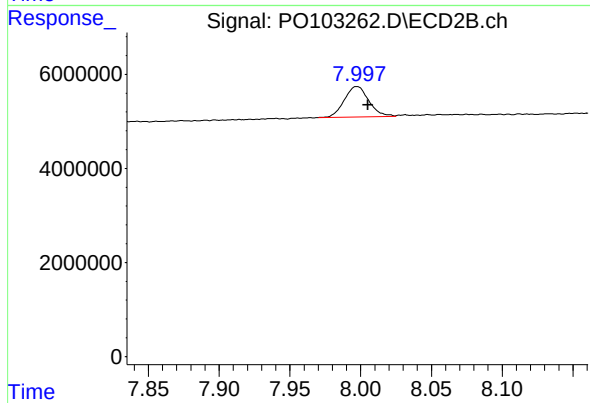
#43 AR-1268-3

R.T.: 7.439 min
Delta R.T.: -0.009 min
Response: 1709698
Conc: 6.30 ng/ml



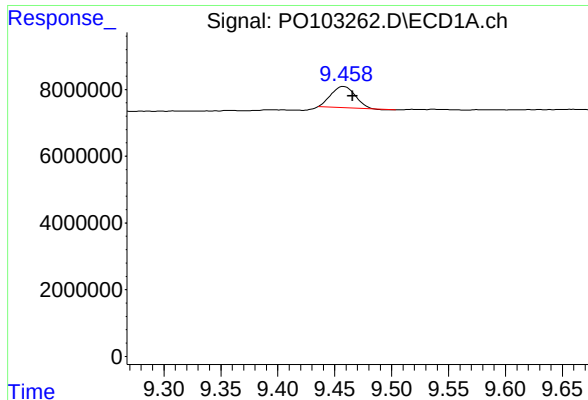
#44 AR-1268-4

R.T.: 9.081 min
Delta R.T.: -0.009 min
Response: 41552042
Conc: 318.59 ng/ml



#44 AR-1268-4

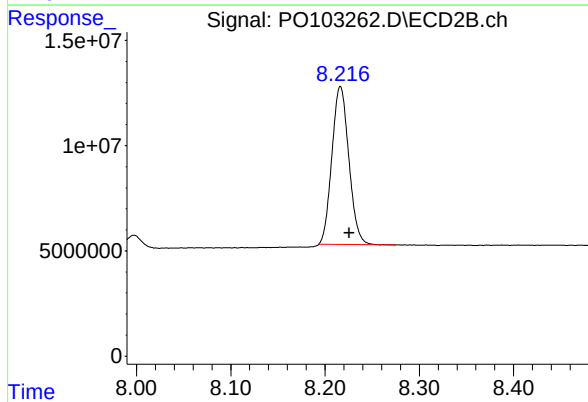
R.T.: 7.997 min
Delta R.T.: -0.008 min
Response: 7760701
Conc: 10.71 ng/ml



#45 AR-1268-5

R.T.: 9.458 min
Delta R.T.: -0.008 min
Response: 9339467
Conc: 8.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.216 min
Delta R.T.: -0.009 min
Response: 93883096
Conc: 302.85 ng/ml