

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0042325\
 Data File : P0110652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 16:20
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 22:12:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0041025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 11 02:12:41 2025
 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...	3.686	3.684	493.2E6	273.3E6	56.372	54.771
2)	SA Decachlor...	8.729	8.681	367.1E6	90713486	46.500	47.124
Target Compounds							
3)	L1 AR-1016-1	4.776	4.763	182.1E6	92756735	554.872	528.500
4)	L1 AR-1016-2	4.795	4.782	253.7E6	132.2E6	557.706	525.702
5)	L1 AR-1016-3	4.852	4.957	175.3E6	70389404	543.560	518.672
6)	L1 AR-1016-4	4.972	5.000	137.6E6	48131763	552.401	420.850
7)	L1 AR-1016-5	5.229	5.212	172.7E6	89592608	642.134	600.995
8)	L2 AR-1221-1	3.897	3.892	20567941	10801764	174.253	161.770
9)	L2 AR-1221-2	3.984	3.979	28631451	15467413	324.092	308.754
10)	L2 AR-1221-3	4.061	4.054	98913610	53992072	375.919	361.949
11)	L3 AR-1232-1	4.061	4.054	98913610	53992072	482.921	469.399
12)	L3 AR-1232-2	4.554	4.782	132.9E6	132.2E6	1244.987	1192.367
13)	L3 AR-1232-3	4.795	4.957	253.7E6	70389404	1270.024	1230.517
14)	L3 AR-1232-4	4.972	5.041	137.6E6	70897139	1345.463	1314.045
15)	L3 AR-1232-5	5.014	5.212	88000646	89592608	1277.179	1568.062
16)	L4 AR-1242-1	4.776	4.763	182.1E6	92756735	656.057	620.436
17)	L4 AR-1242-2	4.795	4.782	253.7E6	132.2E6	657.710	619.580
18)	L4 AR-1242-3	4.852	4.957	175.3E6	70389404	630.165	608.998
19)	L4 AR-1242-4	4.972	5.041	137.6E6	70897139	651.182	590.321
20)	L4 AR-1242-5	5.625	5.563	58360124	84465619	257.782	582.133 #
21)	L5 AR-1248-1	4.776	4.763	182.1E6	92756735	855.482	805.656
22)	L5 AR-1248-2	5.014	5.000	88000646	48131763	297.375	295.500
23)	L5 AR-1248-3	5.229	5.041	172.7E6	70897139	466.918	403.154
24)	L5 AR-1248-4	5.584	5.212	165.2E6	89592608	317.639	439.872 #
25)	L5 AR-1248-5	5.625	5.603	58360124	28890055	157.975	146.356
26)	L6 AR-1254-1	5.584	5.563	165.2E6	84465619	296.031	280.152
27)	L6 AR-1254-2	5.733	5.710	133.3E6	66472469	274.429	251.138
28)	L6 AR-1254-3	6.154	6.129	208.4E6	100.9E6	266.094	250.087
29)	L6 AR-1254-4	6.367	6.340	32148564	15358599	65.932	66.860
30)	L6 AR-1254-5	6.786	6.757	327.4E6	151.1E6	467.164	454.643
31)	L7 AR-1260-1	6.269	6.243	268.3E6	130.1E6	567.994	528.930
32)	L7 AR-1260-2	6.458	6.431	310.5E6	147.8E6	529.561	506.734
33)	L7 AR-1260-3	6.825	6.584	255.3E6	132.8E6	518.020	490.179
34)	L7 AR-1260-4	7.086	7.055	217.2E6	98883635	511.831	492.841
35)	L7 AR-1260-5	7.328	7.296	530.5E6	224.9E6	508.429	490.203
36)	L8 AR-1262-1	6.825	6.796	255.3E6	117.5E6	363.981	356.783
37)	L8 AR-1262-2	7.328	7.296	530.5E6	224.9E6	439.277	442.384
38)	L8 AR-1262-3	7.613	7.579	119.1E6	49771737	233.951	257.045
39)	L8 AR-1262-4	7.675	7.642	373.1E6	150.2E6	416.276	432.829
40)	L8 AR-1262-5	8.174	8.135	130.6E6	43546139	324.057	349.501
41)	L9 AR-1268-1	7.613	7.579	119.1E6	49771737	84.823	90.867

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042325\
Data File : P0110652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 16:20
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

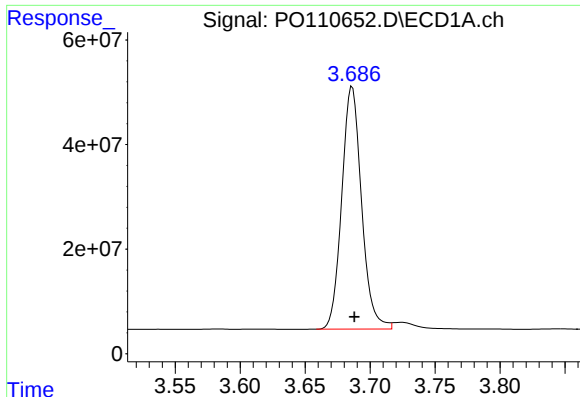
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 22:12:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 11 02:12:41 2025
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
42) L9	AR-1268-2	7.675	7.642	373.1E6	150.2E6	291.540	301.945
43) L9	AR-1268-3	7.884	7.848	6022855	2530798	5.775	6.811
44) L9	AR-1268-4	8.174	8.135	130.6E6	43546139	294.025	308.535
45) L9	AR-1268-5	8.469	8.426	38485664	11181290	11.953	14.204

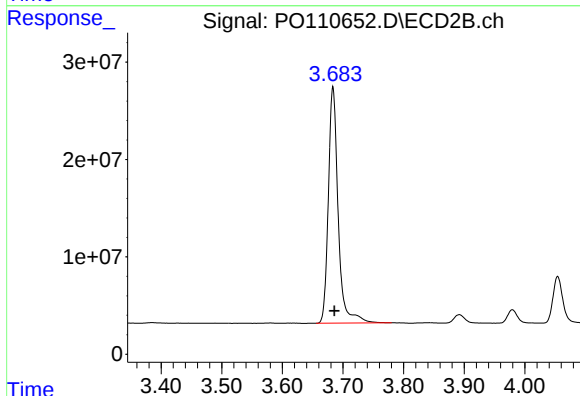
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

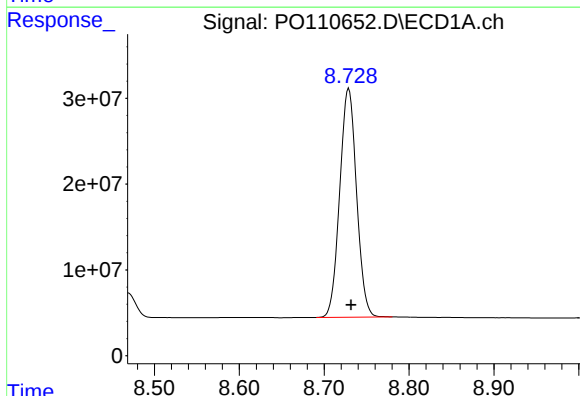
R.T.: 3.686 min
Delta R.T.: -0.002 min
Response: 493199360
Conc: 56.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



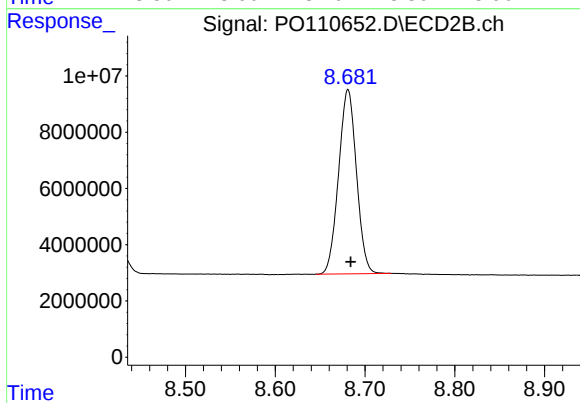
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 273293425
Conc: 54.77 ng/ml



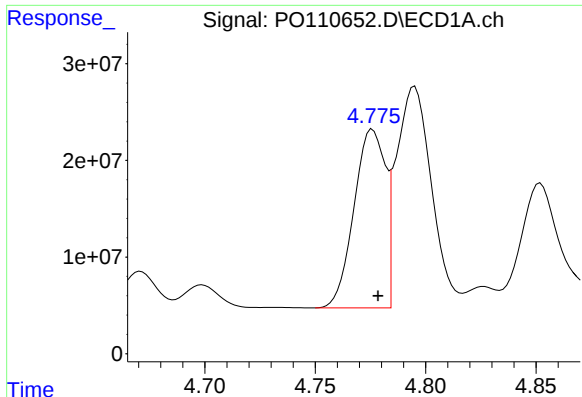
#2 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 367114253
Conc: 46.50 ng/ml



#2 Decachlorobiphenyl

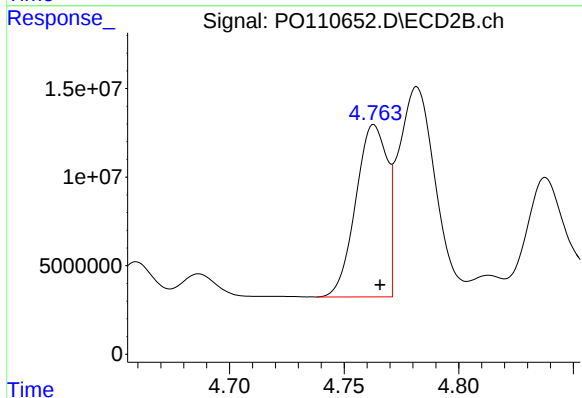
R.T.: 8.681 min
Delta R.T.: -0.003 min
Response: 90713486
Conc: 47.12 ng/ml



#3 AR-1016-1

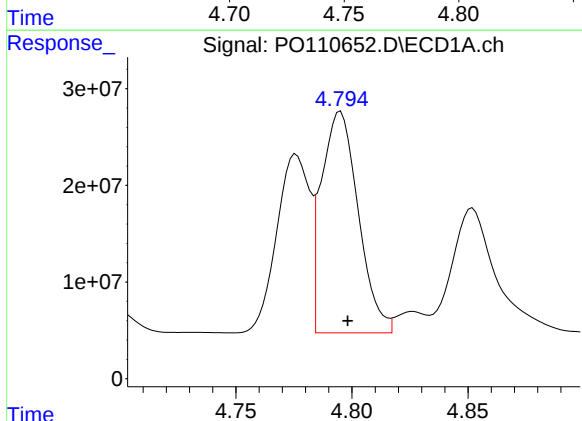
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 182077729
Conc: 554.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



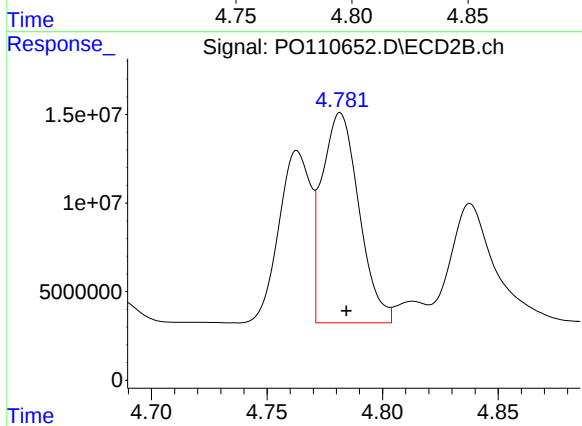
#3 AR-1016-1

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 92756735
Conc: 528.50 ng/ml



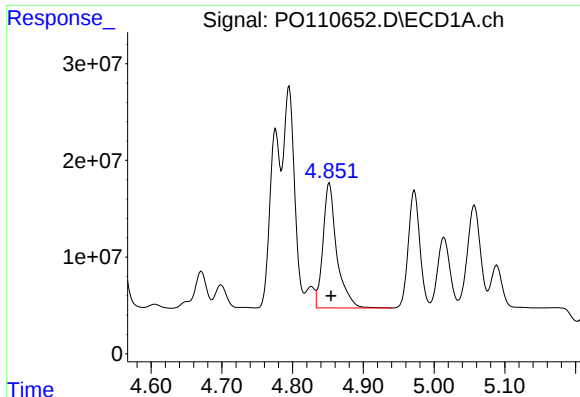
#4 AR-1016-2

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 253727265
Conc: 557.71 ng/ml



#4 AR-1016-2

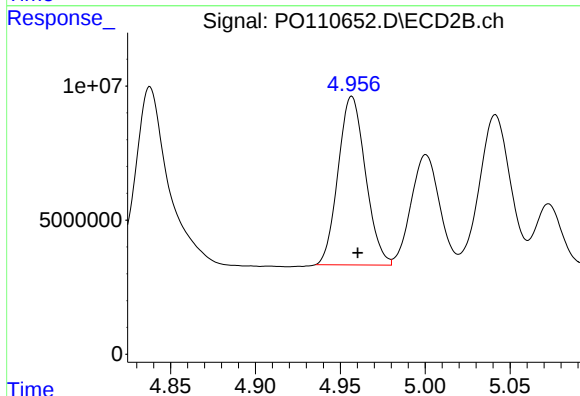
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 132195508
Conc: 525.70 ng/ml



#5 AR-1016-3

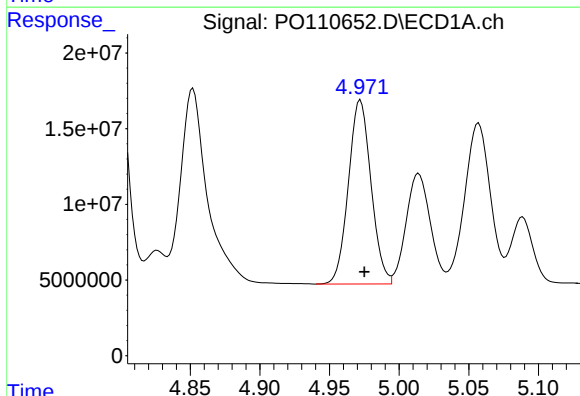
R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 175313142
Conc: 543.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



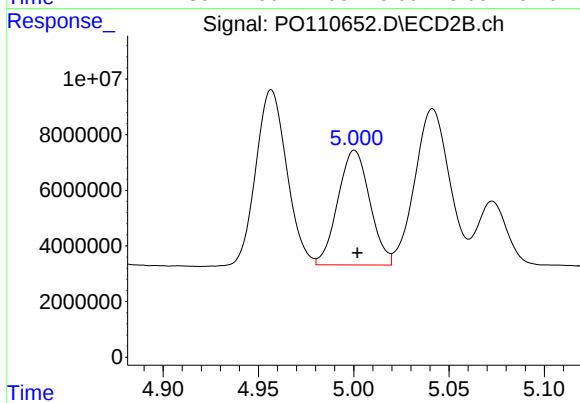
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 70389404
Conc: 518.67 ng/ml



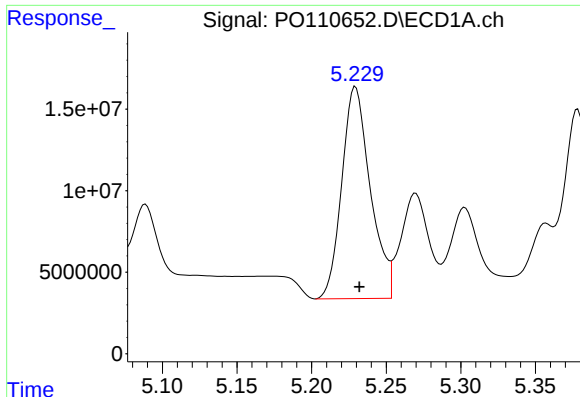
#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 137638692
Conc: 552.40 ng/ml



#6 AR-1016-4

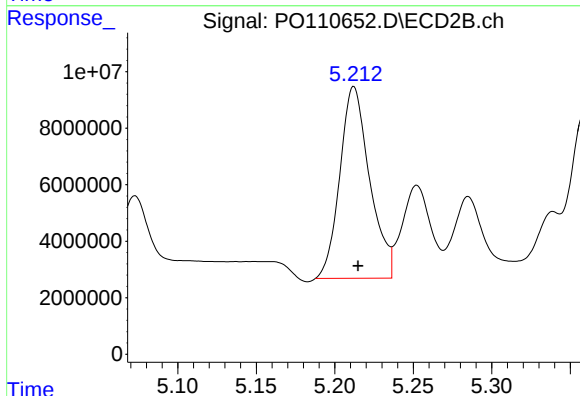
R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 48131763
Conc: 420.85 ng/ml



#7 AR-1016-5

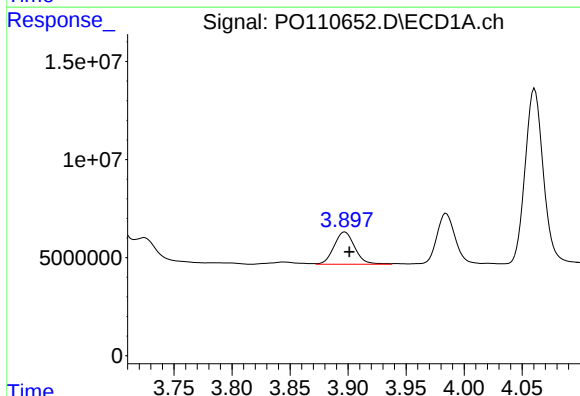
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 172741529
Conc: 642.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



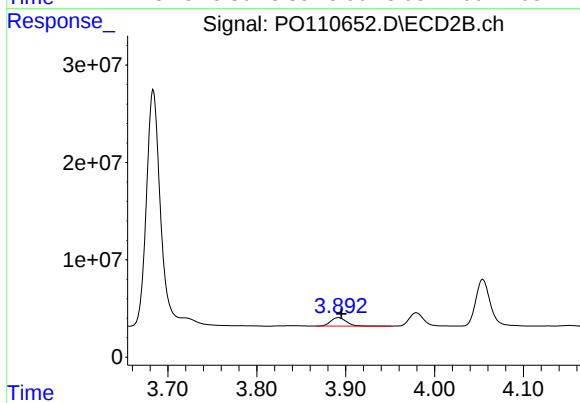
#7 AR-1016-5

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 89592608
Conc: 600.99 ng/ml



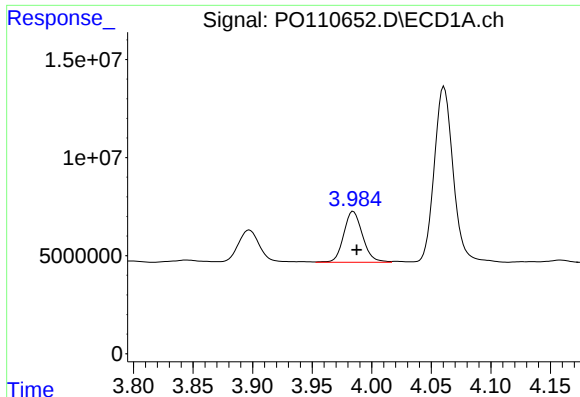
#8 AR-1221-1

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 20567941
Conc: 174.25 ng/ml



#8 AR-1221-1

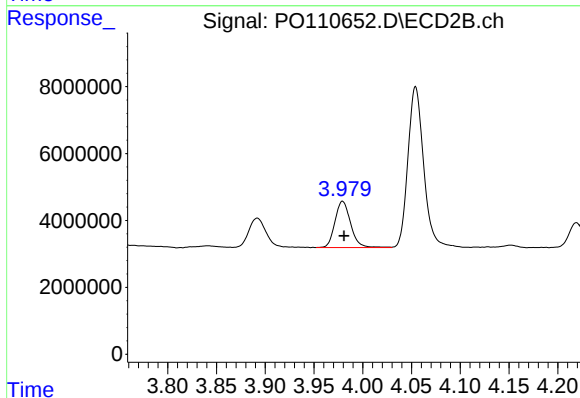
R.T.: 3.892 min
Delta R.T.: -0.004 min
Response: 10801764
Conc: 161.77 ng/ml



#9 AR-1221-2

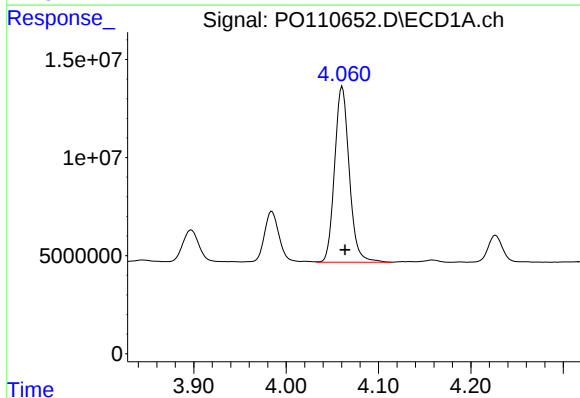
R.T.: 3.984 min
Delta R.T.: -0.003 min
Response: 28631451
Conc: 324.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



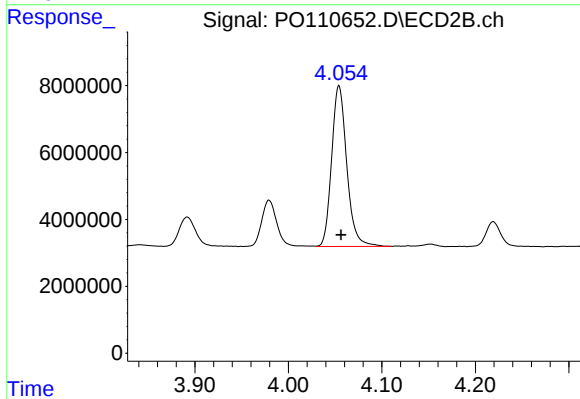
#9 AR-1221-2

R.T.: 3.979 min
Delta R.T.: -0.002 min
Response: 15467413
Conc: 308.75 ng/ml



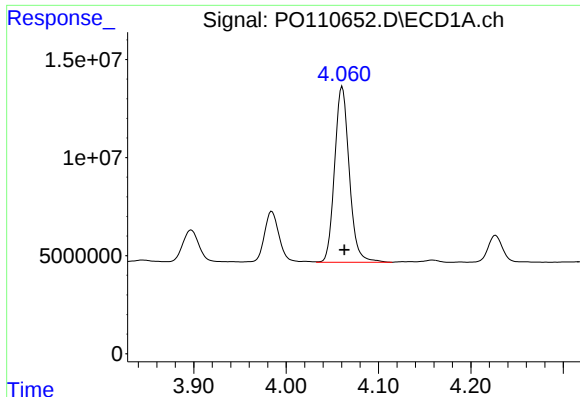
#10 AR-1221-3

R.T.: 4.061 min
Delta R.T.: -0.003 min
Response: 98913610
Conc: 375.92 ng/ml



#10 AR-1221-3

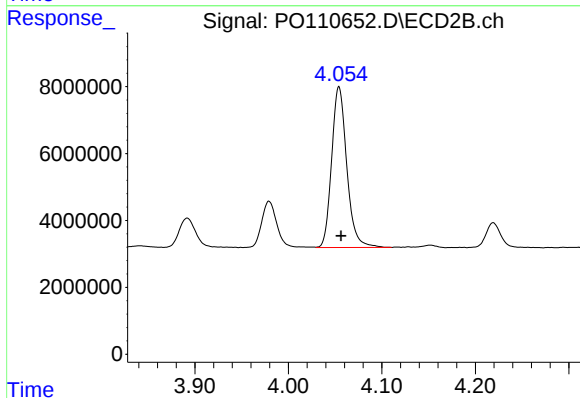
R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 53992072
Conc: 361.95 ng/ml



#11 AR-1232-1

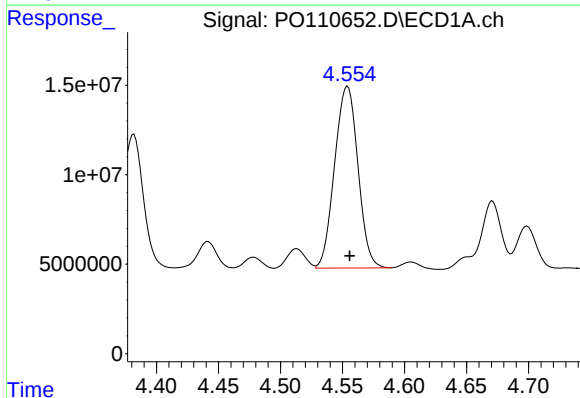
R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 98913610
Conc: 482.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



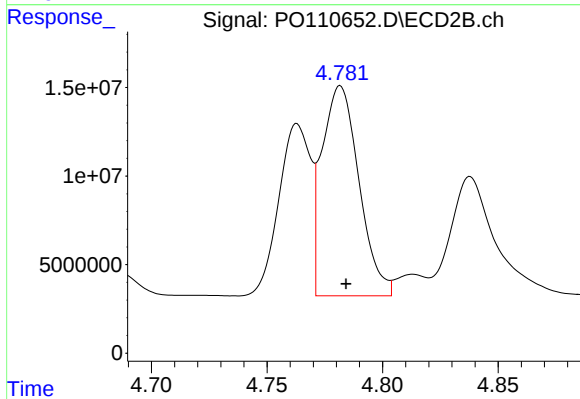
#11 AR-1232-1

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 53992072
Conc: 469.40 ng/ml



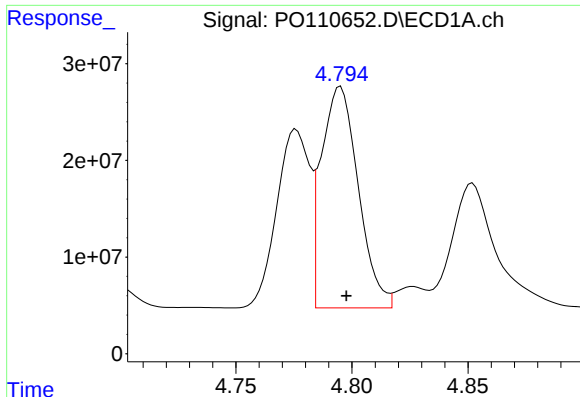
#12 AR-1232-2

R.T.: 4.554 min
Delta R.T.: -0.002 min
Response: 132850811
Conc: 1244.99 ng/ml



#12 AR-1232-2

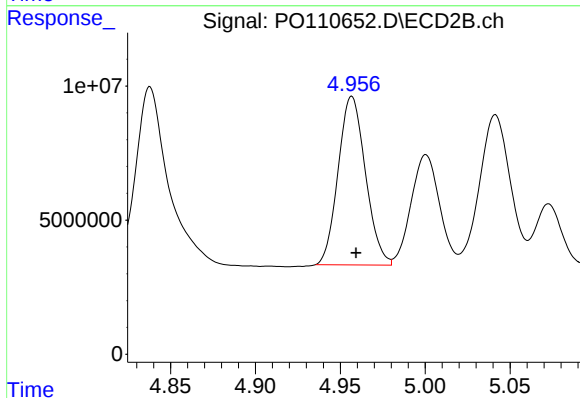
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 132195508
Conc: 1192.37 ng/ml



#13 AR-1232-3

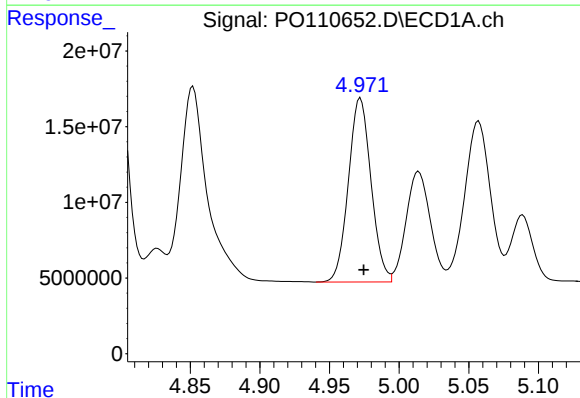
R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 253727265
Conc: 1270.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



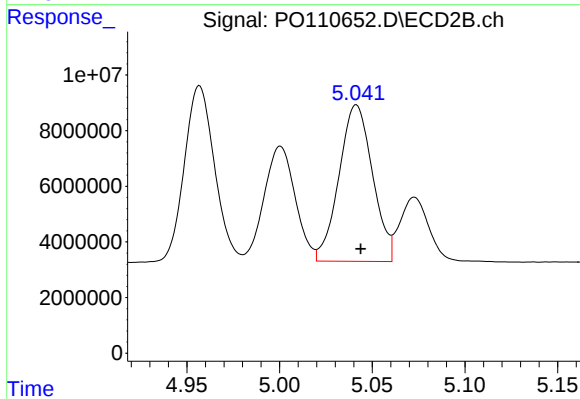
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 70389404
Conc: 1230.52 ng/ml



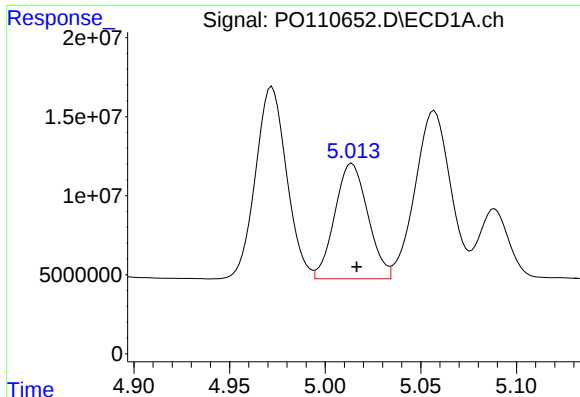
#14 AR-1232-4

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 137638692
Conc: 1345.46 ng/ml



#14 AR-1232-4

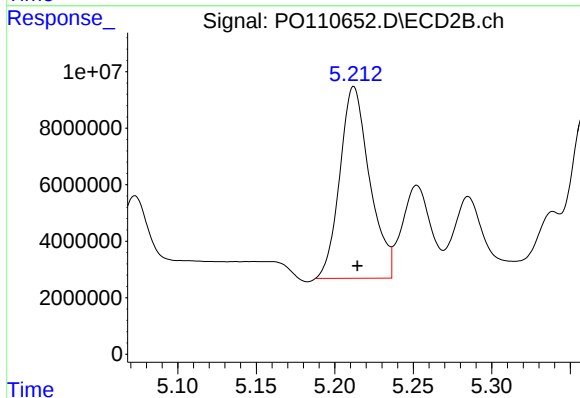
R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 70897139
Conc: 1314.04 ng/ml



#15 AR-1232-5

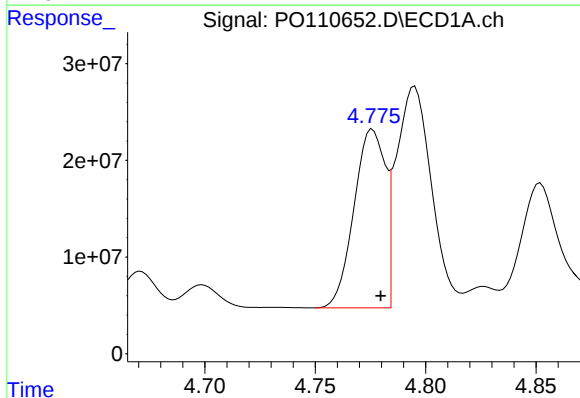
R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 88000646
Conc: 1277.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



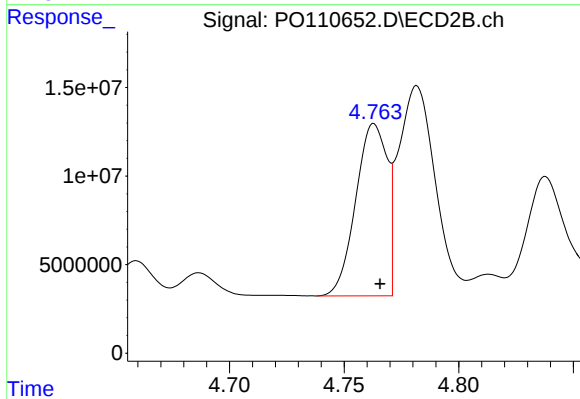
#15 AR-1232-5

R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 89592608
Conc: 1568.06 ng/ml



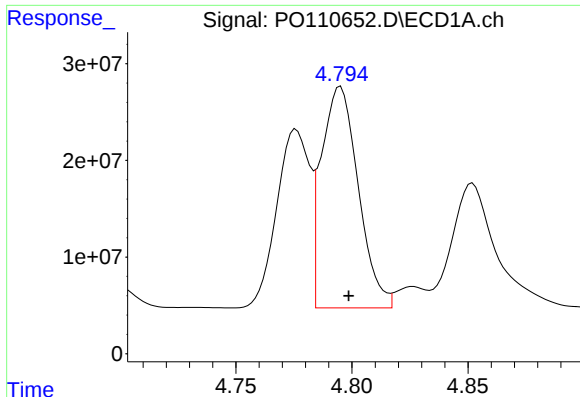
#16 AR-1242-1

R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 182077729
Conc: 656.06 ng/ml



#16 AR-1242-1

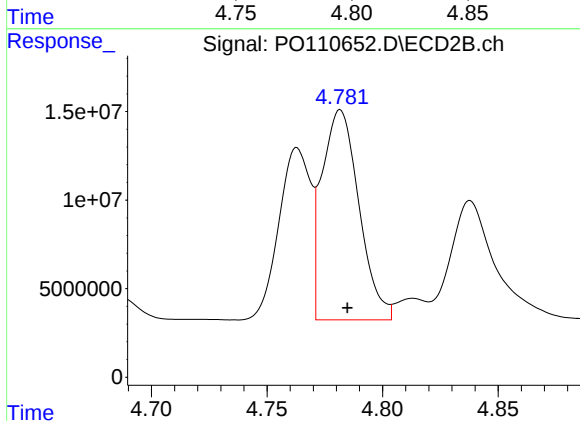
R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 92756735
Conc: 620.44 ng/ml



#17 AR-1242-2

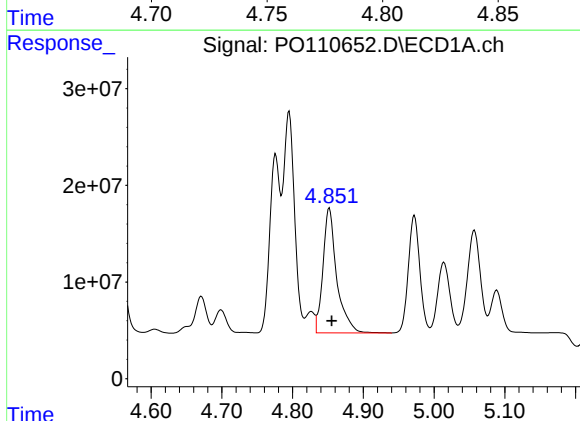
R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 253727265
Conc: 657.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



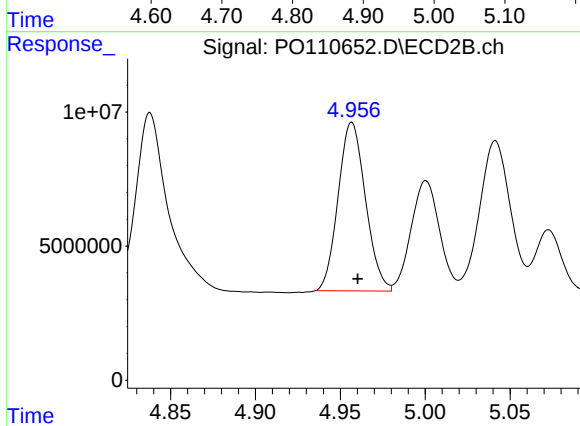
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 132195508
Conc: 619.58 ng/ml



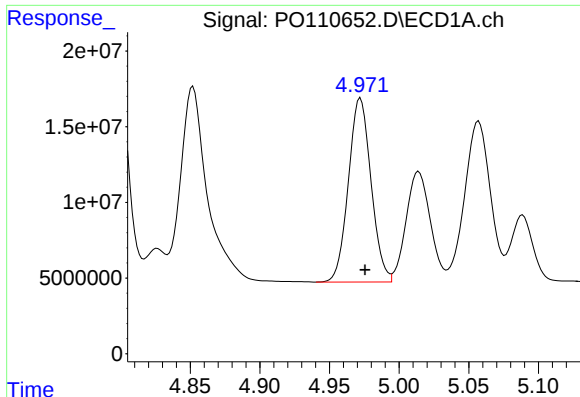
#18 AR-1242-3

R.T.: 4.852 min
Delta R.T.: -0.003 min
Response: 175313142
Conc: 630.17 ng/ml



#18 AR-1242-3

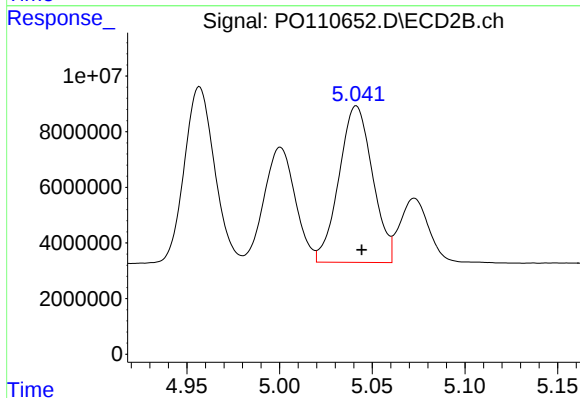
R.T.: 4.957 min
Delta R.T.: -0.004 min
Response: 70389404
Conc: 609.00 ng/ml



#19 AR-1242-4

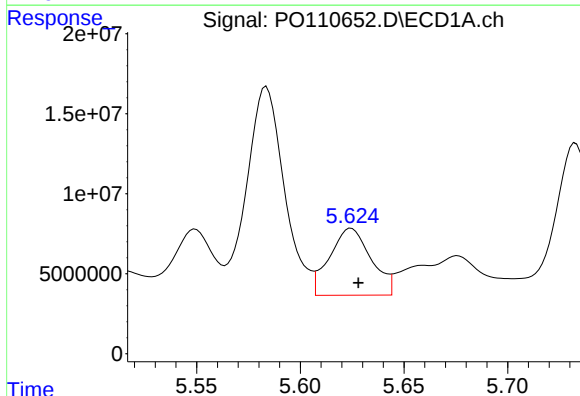
R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 137638692
Conc: 651.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



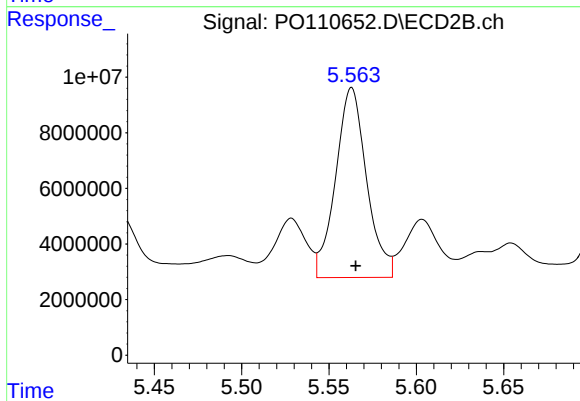
#19 AR-1242-4

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 70897139
Conc: 590.32 ng/ml



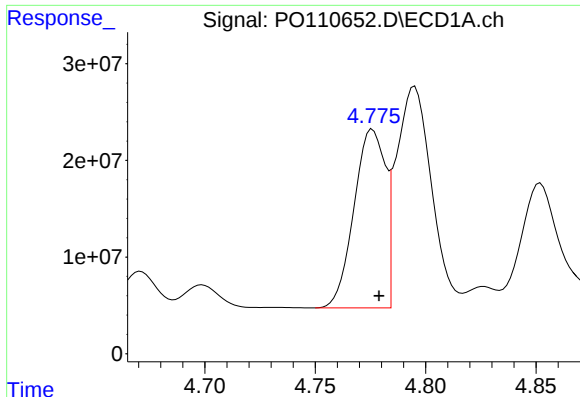
#20 AR-1242-5

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 58360124
Conc: 257.78 ng/ml



#20 AR-1242-5

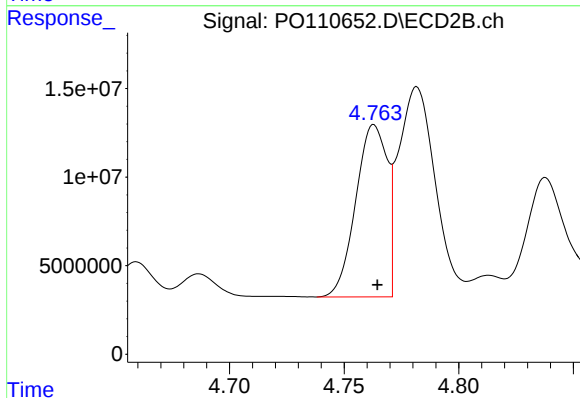
R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 84465619
Conc: 582.13 ng/ml



#21 AR-1248-1

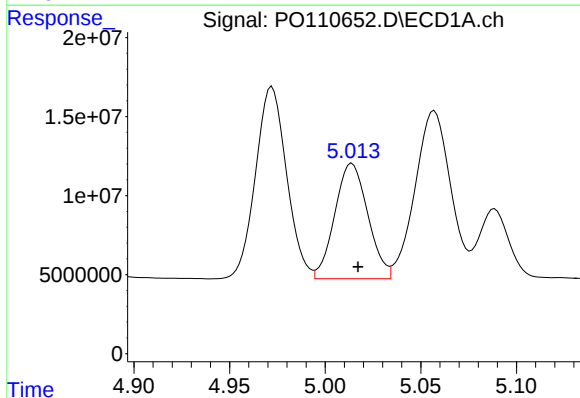
R.T.: 4.776 min
Delta R.T.: -0.003 min
Response: 182077729
Conc: 855.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



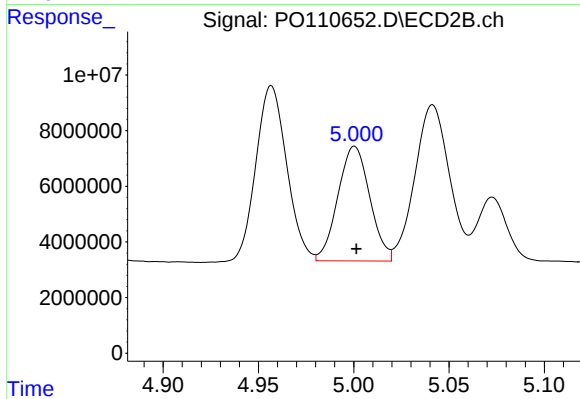
#21 AR-1248-1

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 92756735
Conc: 805.66 ng/ml



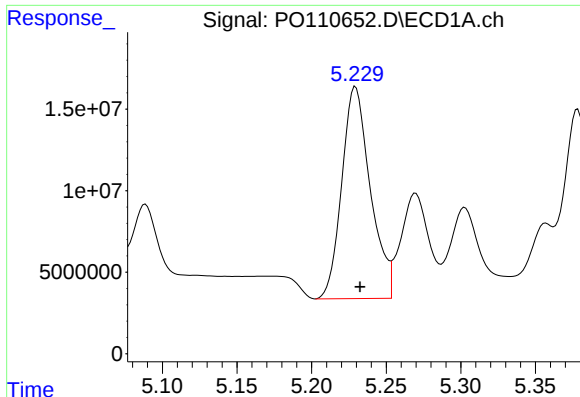
#22 AR-1248-2

R.T.: 5.014 min
Delta R.T.: -0.003 min
Response: 88000646
Conc: 297.37 ng/ml



#22 AR-1248-2

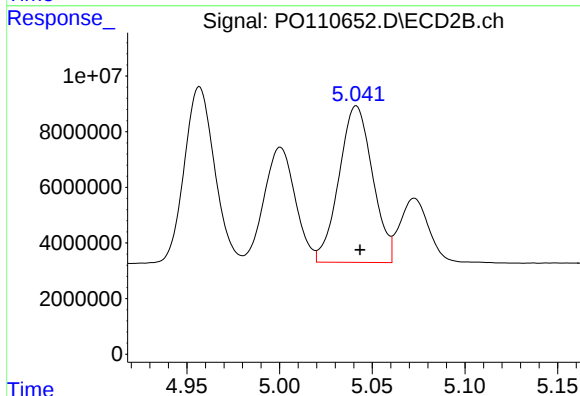
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 48131763
Conc: 295.50 ng/ml



#23 AR-1248-3

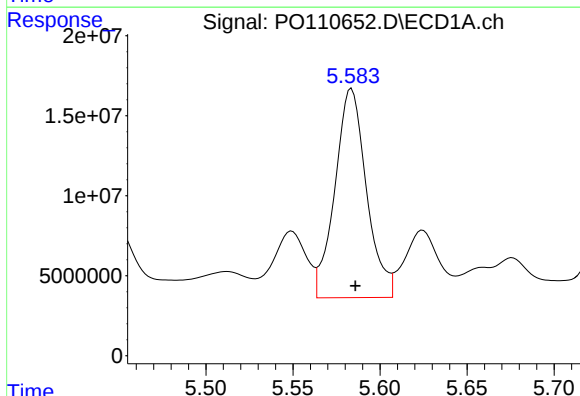
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 172741529
Conc: 466.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



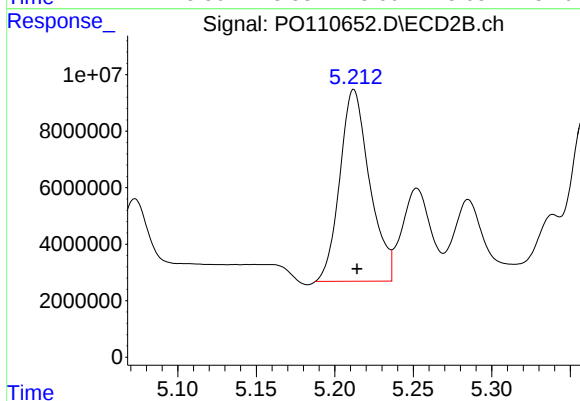
#23 AR-1248-3

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 70897139
Conc: 403.15 ng/ml



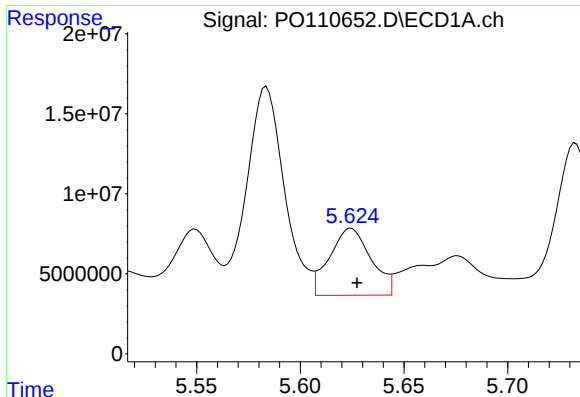
#24 AR-1248-4

R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 165182209
Conc: 317.64 ng/ml



#24 AR-1248-4

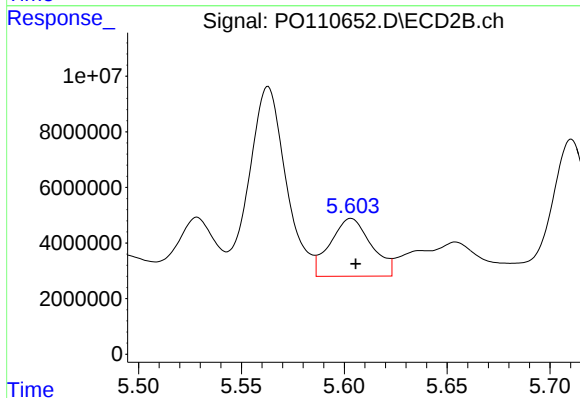
R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 89592608
Conc: 439.87 ng/ml



#25 AR-1248-5

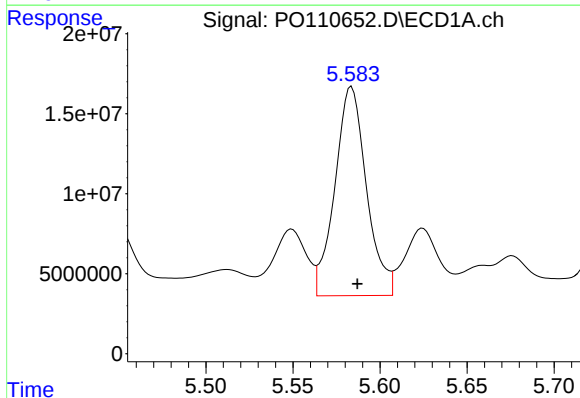
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 58360124
Conc: 157.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



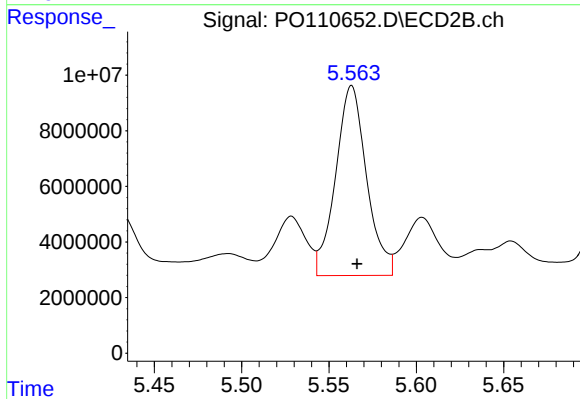
#25 AR-1248-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 28890055
Conc: 146.36 ng/ml



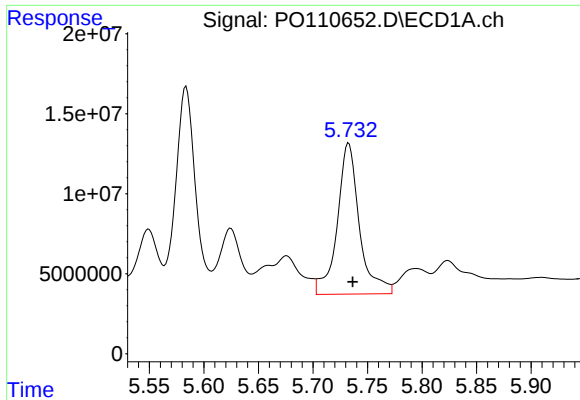
#26 AR-1254-1

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 165182209
Conc: 296.03 ng/ml



#26 AR-1254-1

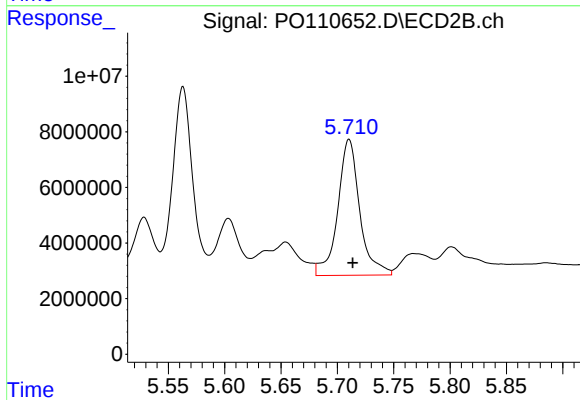
R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 84465619
Conc: 280.15 ng/ml



#27 AR-1254-2

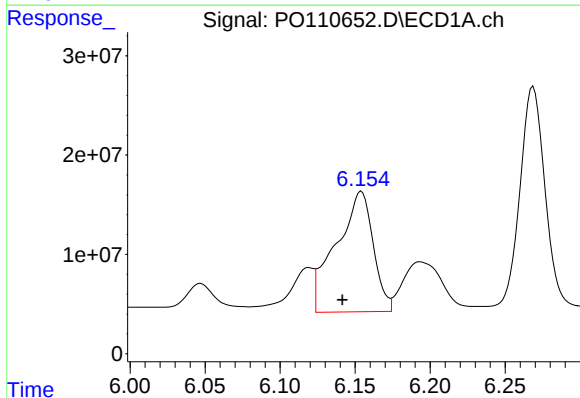
R.T.: 5.733 min
Delta R.T.: -0.004 min
Response: 133290846
Conc: 274.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



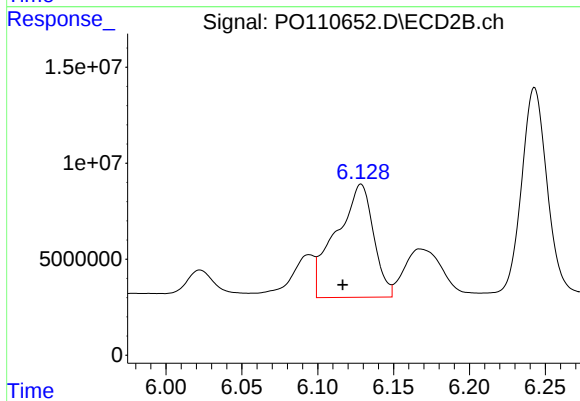
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 66472469
Conc: 251.14 ng/ml



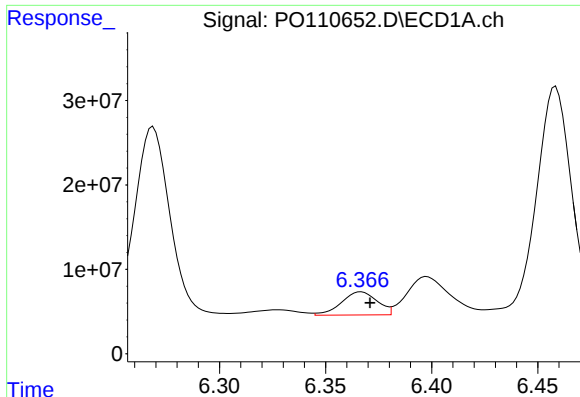
#28 AR-1254-3

R.T.: 6.154 min
Delta R.T.: 0.013 min
Response: 208410635
Conc: 266.09 ng/ml



#28 AR-1254-3

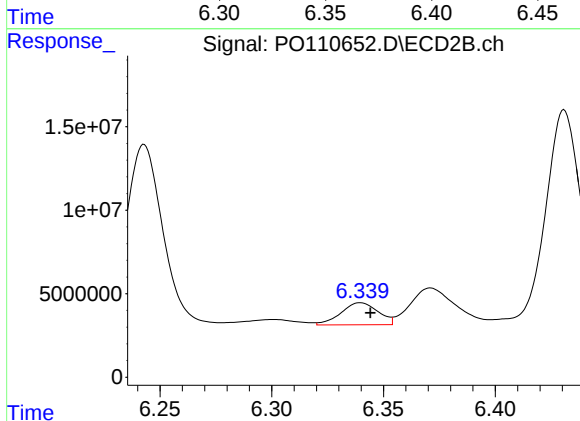
R.T.: 6.129 min
Delta R.T.: 0.012 min
Response: 100889046
Conc: 250.09 ng/ml



#29 AR-1254-4

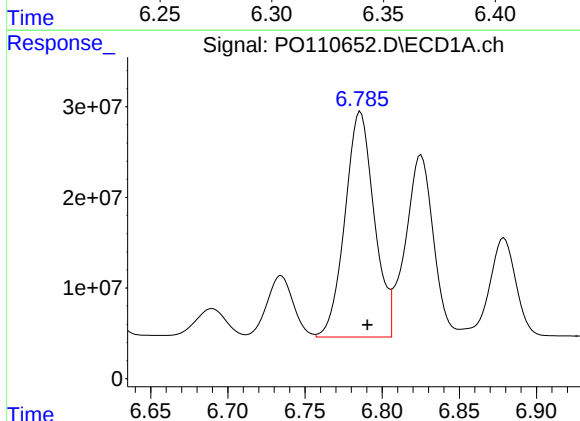
R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 32148564
Conc: 65.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



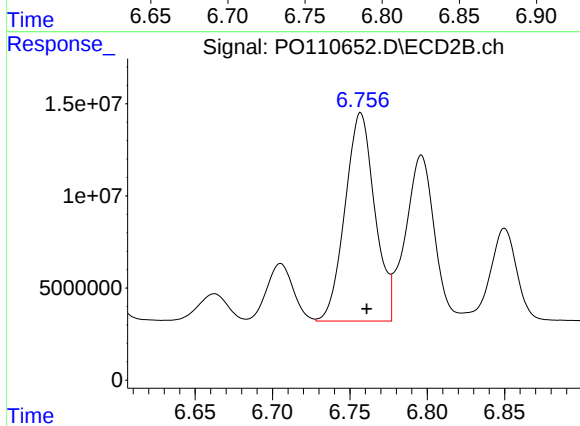
#29 AR-1254-4

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 15358599
Conc: 66.86 ng/ml



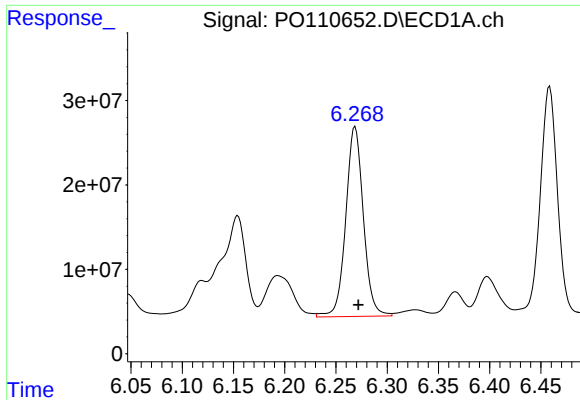
#30 AR-1254-5

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 327434866
Conc: 467.16 ng/ml



#30 AR-1254-5

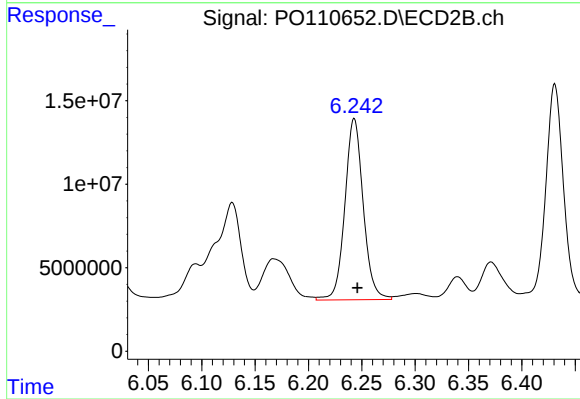
R.T.: 6.757 min
Delta R.T.: -0.004 min
Response: 151074121
Conc: 454.64 ng/ml



#31 AR-1260-1

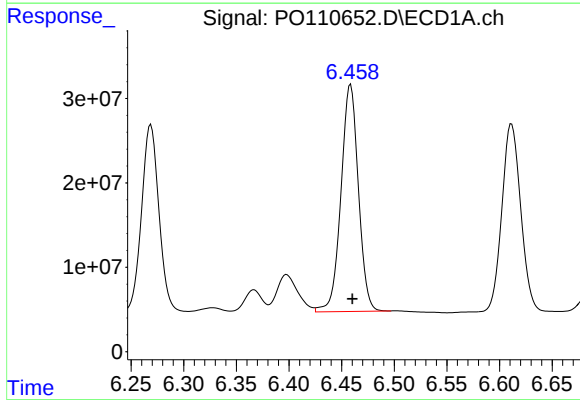
R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 268346043
Conc: 567.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



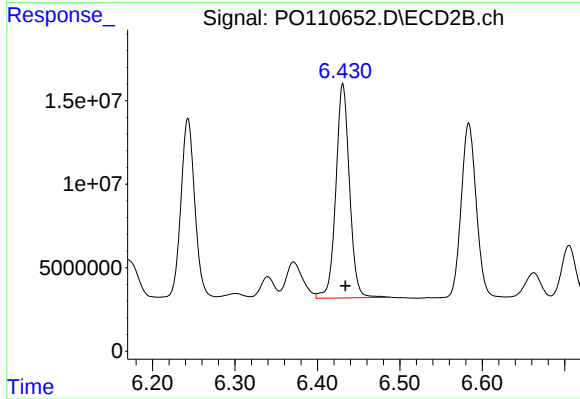
#31 AR-1260-1

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 130097613
Conc: 528.93 ng/ml



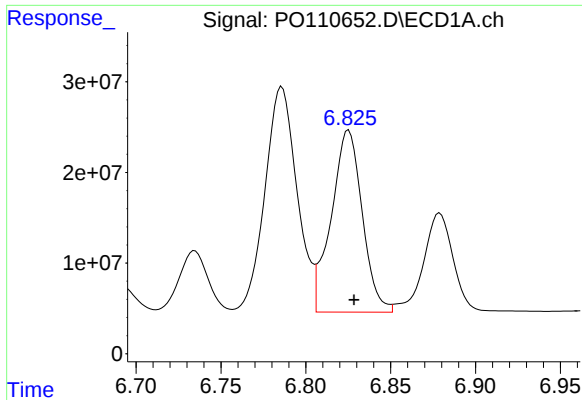
#32 AR-1260-2

R.T.: 6.458 min
Delta R.T.: -0.002 min
Response: 310547482
Conc: 529.56 ng/ml



#32 AR-1260-2

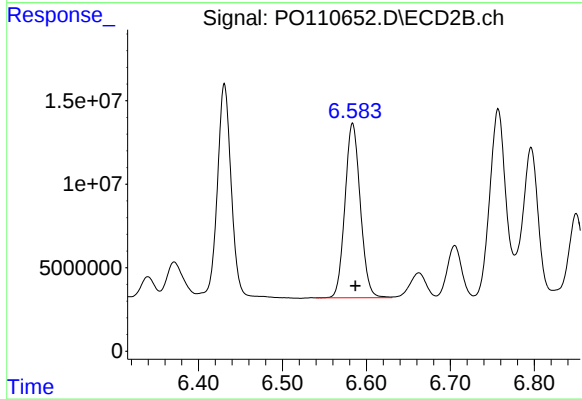
R.T.: 6.431 min
Delta R.T.: -0.003 min
Response: 147840010
Conc: 506.73 ng/ml



#33 AR-1260-3

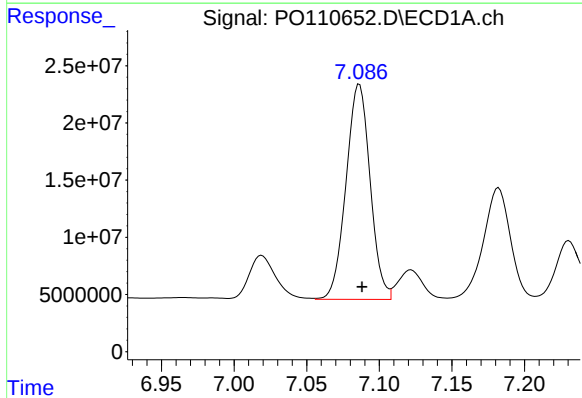
R.T.: 6.825 min
Delta R.T.: -0.003 min
Response: 255317689
Conc: 518.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



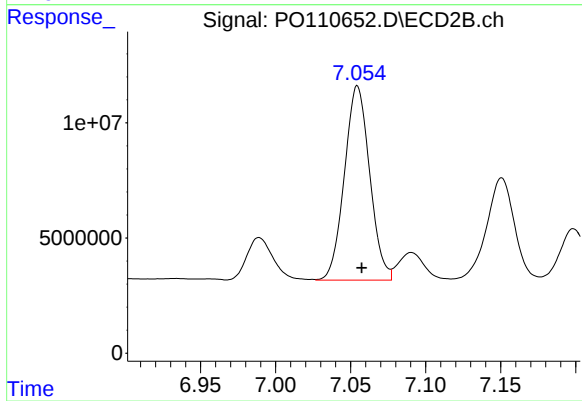
#33 AR-1260-3

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 132781586
Conc: 490.18 ng/ml



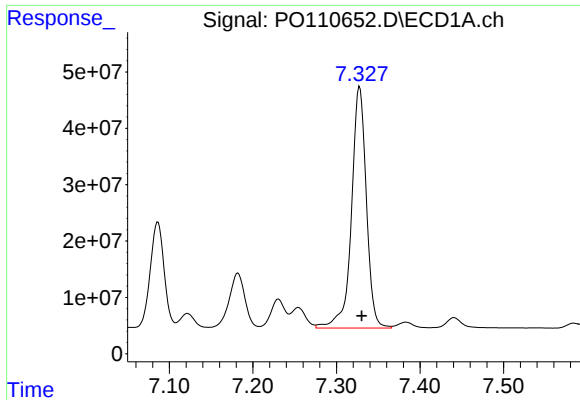
#34 AR-1260-4

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 217232848
Conc: 511.83 ng/ml



#34 AR-1260-4

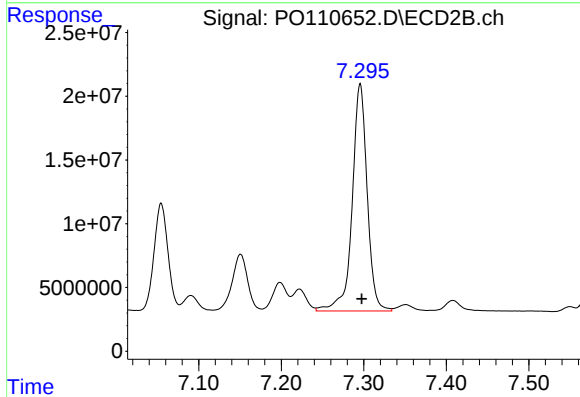
R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 98883635
Conc: 492.84 ng/ml



#35 AR-1260-5

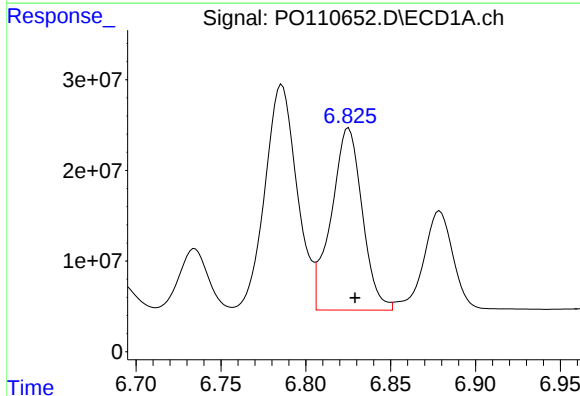
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 530531226
Conc: 508.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



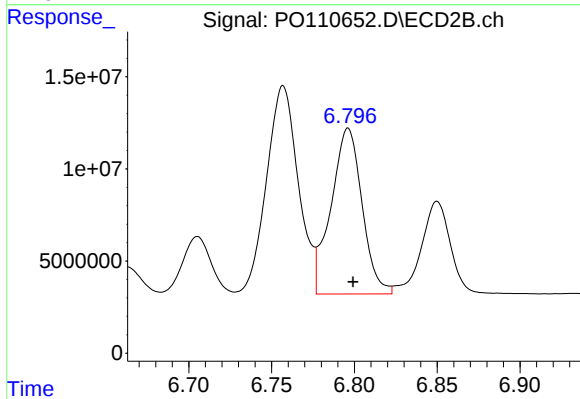
#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 224933186
Conc: 490.20 ng/ml



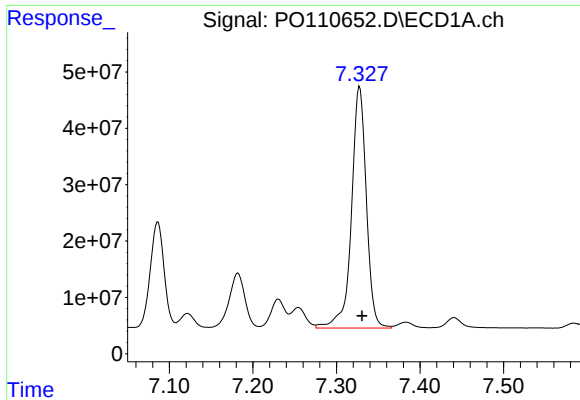
#36 AR-1262-1

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 255317689
Conc: 363.98 ng/ml



#36 AR-1262-1

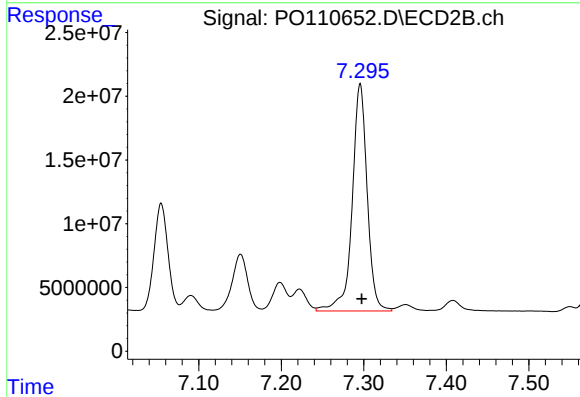
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 117502562
Conc: 356.78 ng/ml



#37 AR-1262-2

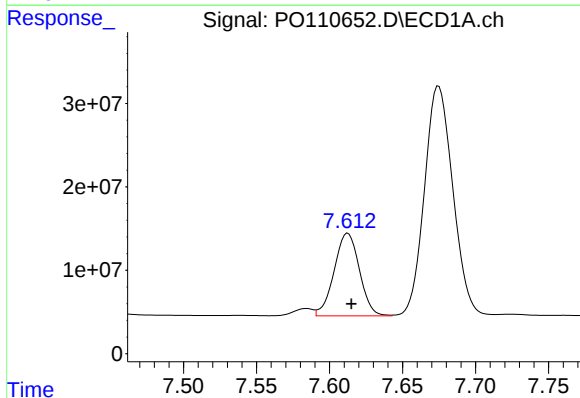
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 530531226
Conc: 439.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



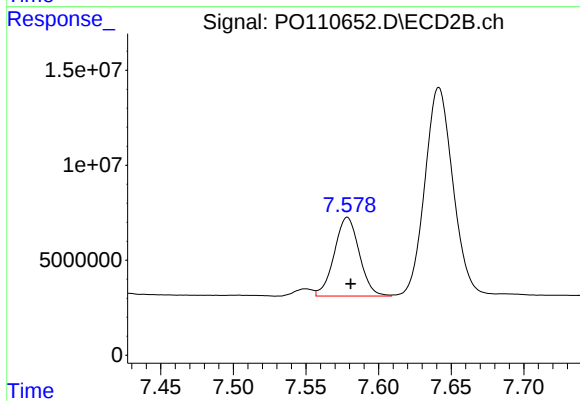
#37 AR-1262-2

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 224933186
Conc: 442.38 ng/ml



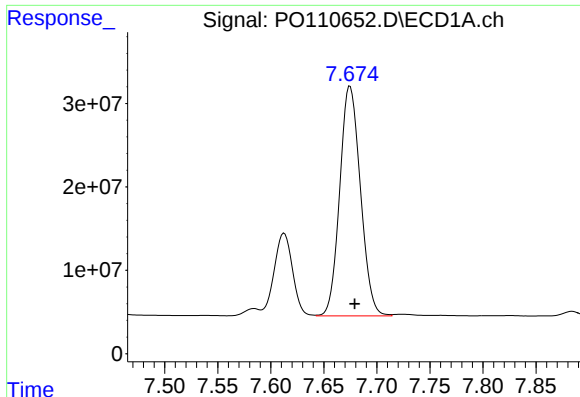
#38 AR-1262-3

R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 119105409
Conc: 233.95 ng/ml



#38 AR-1262-3

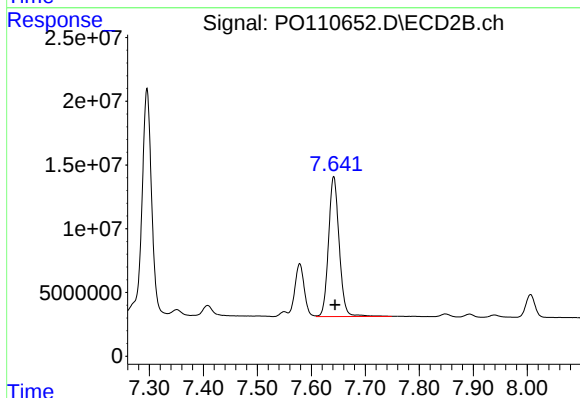
R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 49771737
Conc: 257.05 ng/ml



#39 AR-1262-4

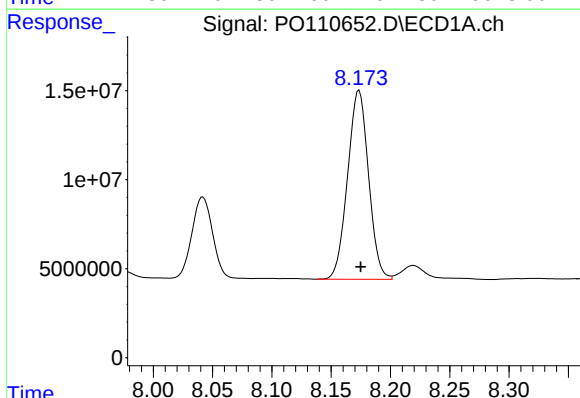
R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 373097131
Conc: 416.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



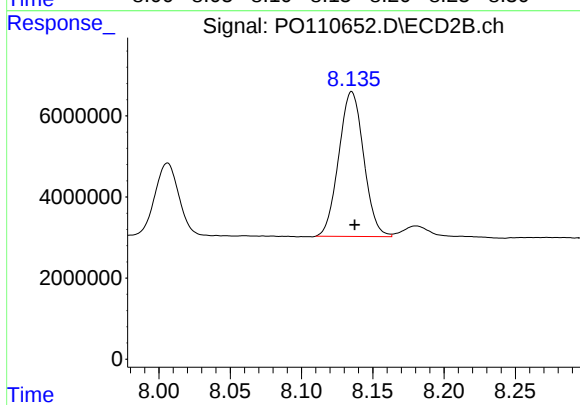
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 150214612
Conc: 432.83 ng/ml



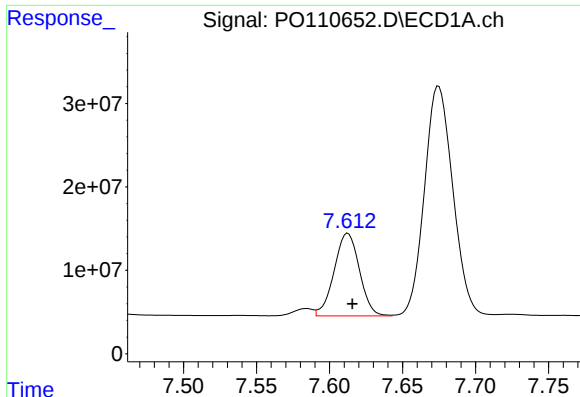
#40 AR-1262-5

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 130593324
Conc: 324.06 ng/ml



#40 AR-1262-5

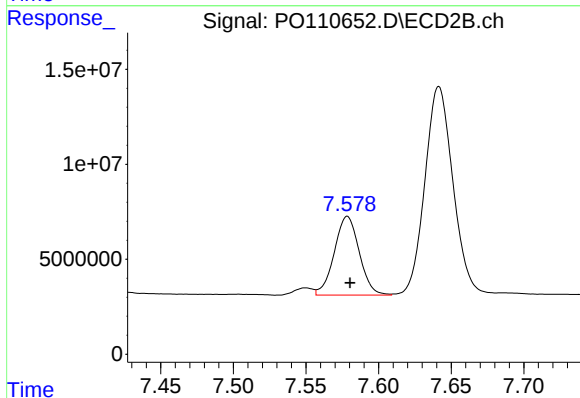
R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 43546139
Conc: 349.50 ng/ml



#41 AR-1268-1

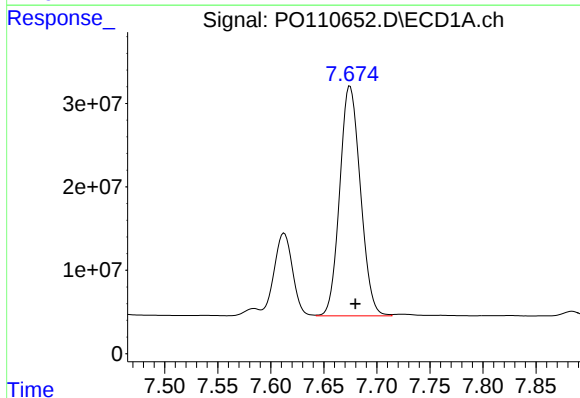
R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 119105409
Conc: 84.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



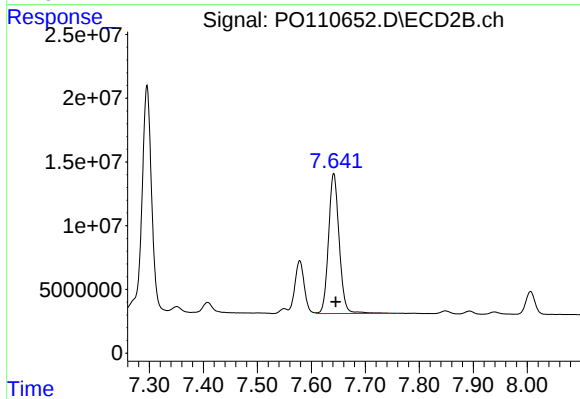
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: -0.002 min
Response: 49771737
Conc: 90.87 ng/ml



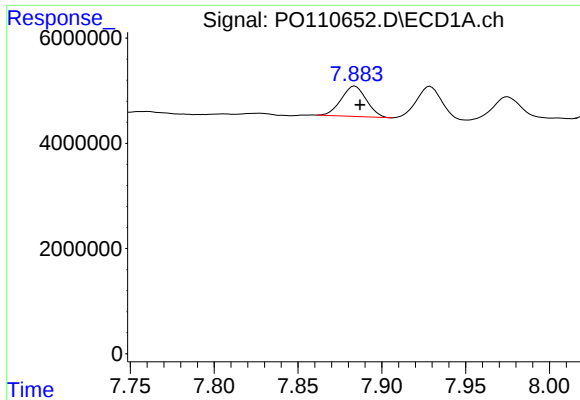
#42 AR-1268-2

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 373097131
Conc: 291.54 ng/ml



#42 AR-1268-2

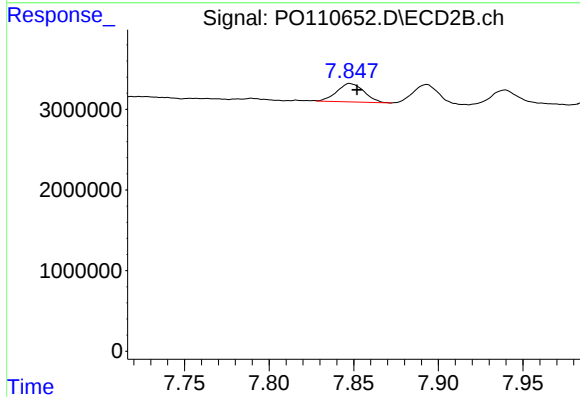
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 150214612
Conc: 301.95 ng/ml



#43 AR-1268-3

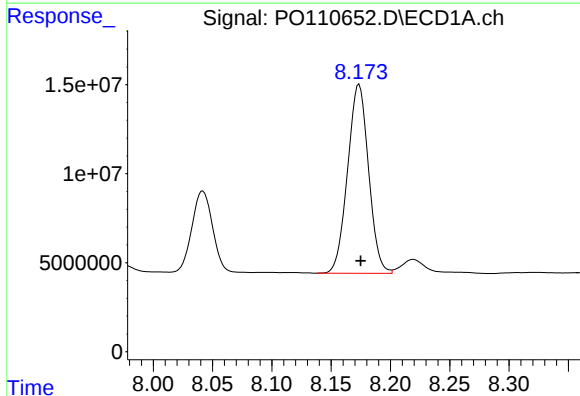
R.T.: 7.884 min
Delta R.T.: -0.003 min
Response: 6022855
Conc: 5.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



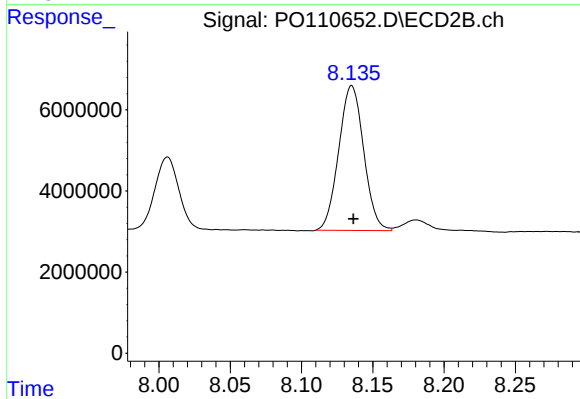
#43 AR-1268-3

R.T.: 7.848 min
Delta R.T.: -0.004 min
Response: 2530798
Conc: 6.81 ng/ml



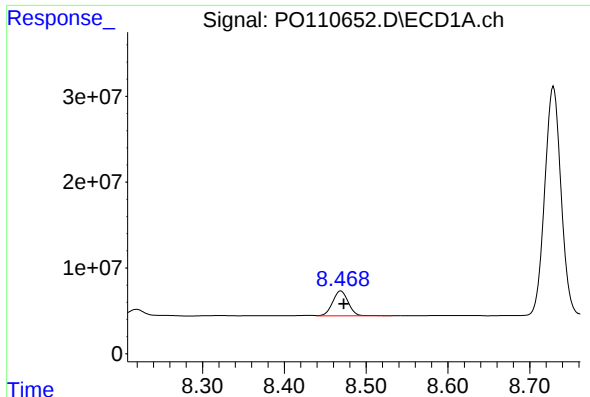
#44 AR-1268-4

R.T.: 8.174 min
Delta R.T.: -0.001 min
Response: 130593324
Conc: 294.02 ng/ml



#44 AR-1268-4

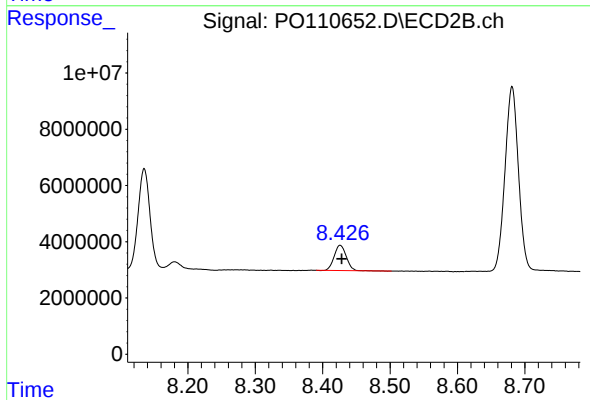
R.T.: 8.135 min
Delta R.T.: -0.001 min
Response: 43546139
Conc: 308.54 ng/ml



#45 AR-1268-5

R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 38485664
Conc: 11.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.002 min
Response: 11181290
Conc: 14.20 ng/ml