

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041125\
 Data File : P0110398.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 16:07
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:17:51 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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.688	3.685	454.7E6	262.8E6	51.970	52.677
2)	SA Decachlor...	8.732	8.684	406.0E6	96033025	51.424	49.888
Target Compounds							
3)	L1 AR-1016-1	4.779	4.765	172.8E6	90969768	526.516	518.318
4)	L1 AR-1016-2	4.798	4.784	238.2E6	129.6E6	523.612	515.493
5)	L1 AR-1016-3	4.855	4.960	167.3E6	69955700	518.675	515.476
6)	L1 AR-1016-4	4.975	5.002	131.1E6	56868877	526.098	497.245
7)	L1 AR-1016-5	5.232	5.215	147.1E6	80189314	546.724	537.917
8)	L2 AR-1221-1	3.899	3.893	18357853	10389965	155.529	155.603
9)	L2 AR-1221-2	3.987	3.981	26778849	15192450	303.122	303.265
10)	L2 AR-1221-3	4.063	4.056	92939153	52450109	353.214	351.612
11)	L3 AR-1232-1	4.063	4.056	92939153	52450109	453.752	455.993
12)	L3 AR-1232-2	4.557	4.784	127.1E6	129.6E6	1191.101	1169.213
13)	L3 AR-1232-3	4.798	4.960	238.2E6	69955700	1192.386	1222.935
14)	L3 AR-1232-4	4.975	5.044	131.1E6	71123848	1281.398	1318.247
15)	L3 AR-1232-5	5.017	5.215	104.2E6	80189314	1512.860	1403.484
16)	L4 AR-1242-1	4.779	4.765	172.8E6	90969768	622.530	608.483
17)	L4 AR-1242-2	4.798	4.784	238.2E6	129.6E6	617.504	607.548
18)	L4 AR-1242-3	4.855	4.960	167.3E6	69955700	601.316	605.246
19)	L4 AR-1242-4	4.975	5.044	131.1E6	71123848	620.176	592.209
20)	L4 AR-1242-5	5.628	5.566	39437702	75978606	174.200	523.641 #
21)	L5 AR-1248-1	4.779	4.765	172.8E6	90969768	811.764	790.135
22)	L5 AR-1248-2	5.017	5.002	104.2E6	56868877	352.250	349.140
23)	L5 AR-1248-3	5.232	5.044	147.1E6	71123848	397.542	404.443
24)	L5 AR-1248-4	5.587	5.215	141.6E6	80189314	272.353	393.705 #
25)	L5 AR-1248-5	5.628	5.606	39437702	21244501	106.754	107.624
26)	L6 AR-1254-1	5.587	5.566	141.6E6	75978606	253.826	252.003
27)	L6 AR-1254-2	5.736	5.713	102.9E6	55665551	211.937	210.308
28)	L6 AR-1254-3	6.157	6.131	186.2E6	96198583	237.694	238.460
29)	L6 AR-1254-4	6.370	6.343	27030903	13595899	55.436	59.186
30)	L6 AR-1254-5	6.789	6.759	329.6E6	154.8E6	470.298	465.934
31)	L7 AR-1260-1	6.272	6.246	246.1E6	126.4E6	520.815	514.032
32)	L7 AR-1260-2	6.462	6.434	299.5E6	147.9E6	510.744	506.877
33)	L7 AR-1260-3	6.829	6.587	255.8E6	136.9E6	518.958	505.316
34)	L7 AR-1260-4	7.089	7.058	223.9E6	101.9E6	527.524	508.014
35)	L7 AR-1260-5	7.331	7.298	557.4E6	233.3E6	534.143	508.411
36)	L8 AR-1262-1	6.829	6.798	255.8E6	121.9E6	364.640	370.044
37)	L8 AR-1262-2	7.331	7.298	557.4E6	233.3E6	461.494	458.816
38)	L8 AR-1262-3	7.615	7.581	125.2E6	51971297	245.849	268.405
39)	L8 AR-1262-4	7.678	7.643	392.2E6	155.7E6	437.590	448.762
40)	L8 AR-1262-5	8.175	8.137	143.1E6	46100399	355.115	370.002
41)	L9 AR-1268-1	7.615	7.581	125.2E6	51971297	89.137	94.883

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041125\
Data File : P0110398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 16:07
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

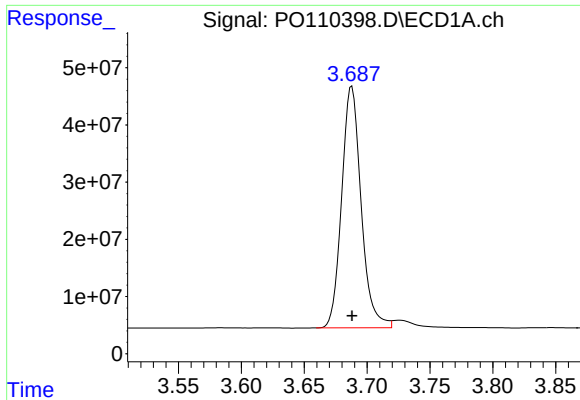
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:17:51 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	7.678	7.643	392.2E6	155.7E6	306.468	313.060
43)	L9 AR-1268-3	7.887	7.851	6632285	2711305	6.359	7.297
44)	L9 AR-1268-4	8.175	8.137	143.1E6	46100399	322.204	326.633
45)	L9 AR-1268-5	8.472	8.429	42739643	11891398	13.274	15.106

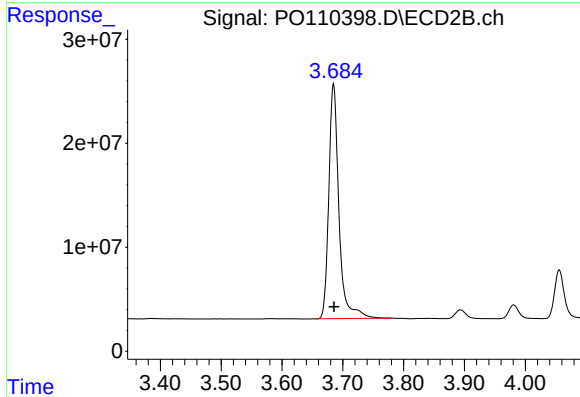
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

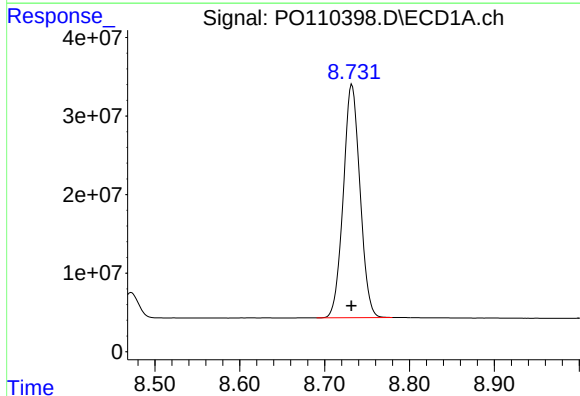
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 454692388
Conc: 51.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



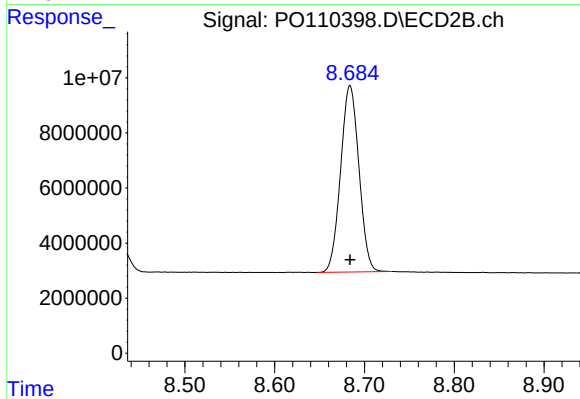
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: -0.001 min
Response: 262848817
Conc: 52.68 ng/ml



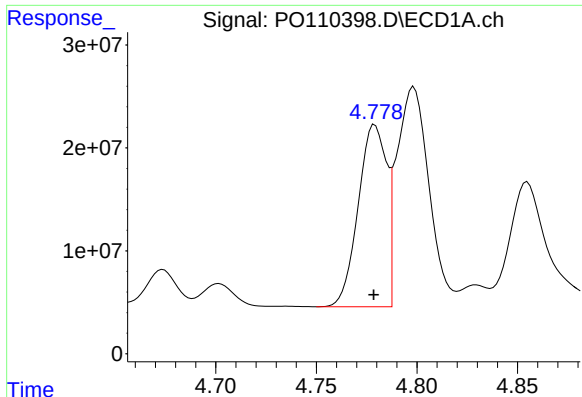
#2 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 405993420
Conc: 51.42 ng/ml



#2 Decachlorobiphenyl

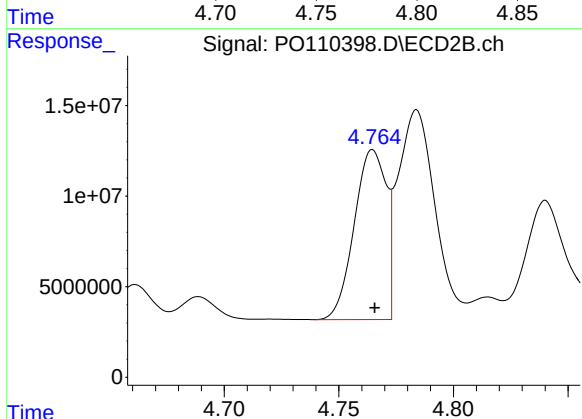
R.T.: 8.684 min
Delta R.T.: 0.000 min
Response: 96033025
Conc: 49.89 ng/ml



#3 AR-1016-1

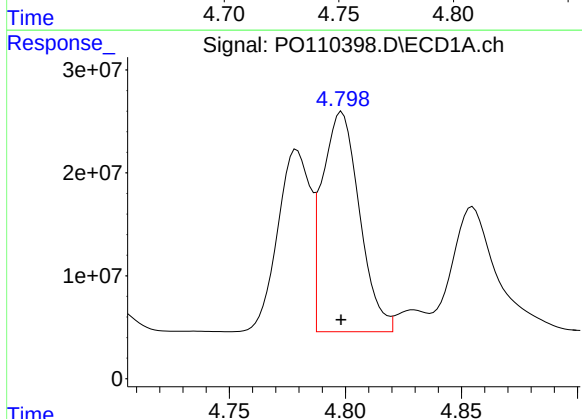
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 172772793
Conc: 526.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



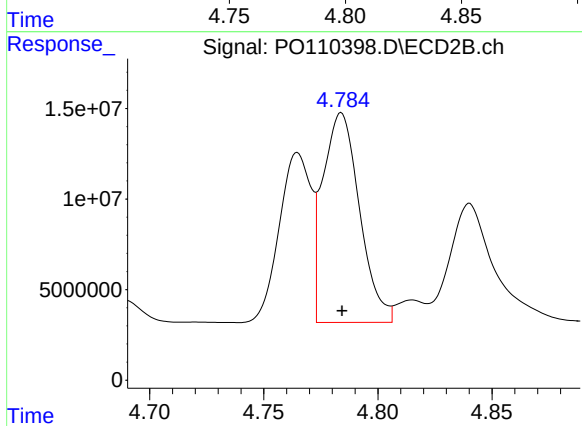
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 90969768
Conc: 518.32 ng/ml



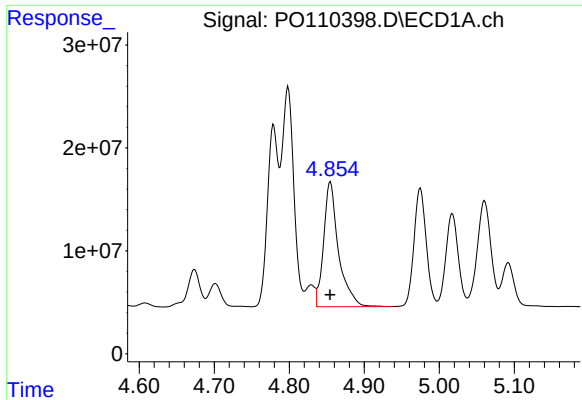
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 238216593
Conc: 523.61 ng/ml



#4 AR-1016-2

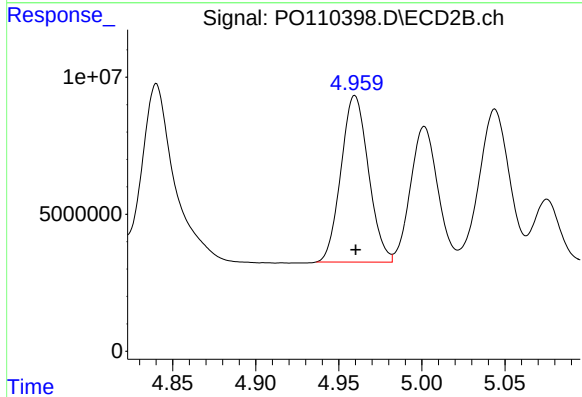
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 129628436
Conc: 515.49 ng/ml



#5 AR-1016-3

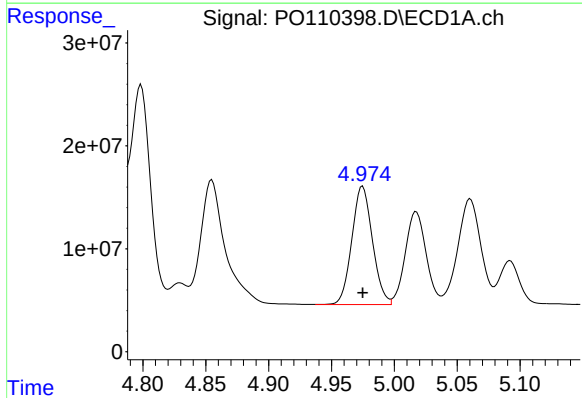
R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 167287122
Conc: 518.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



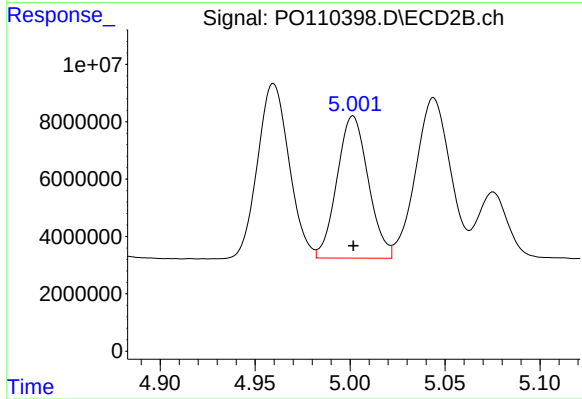
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 69955700
Conc: 515.48 ng/ml



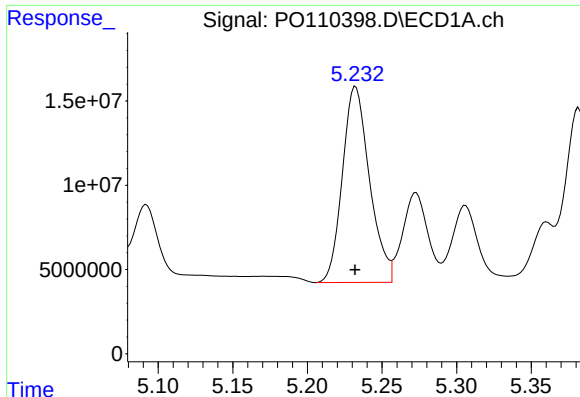
#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 131084989
Conc: 526.10 ng/ml



#6 AR-1016-4

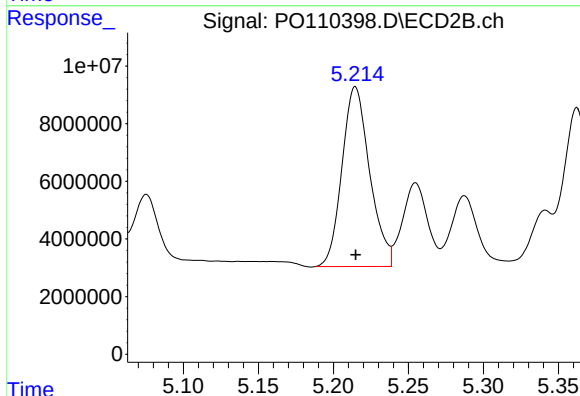
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 56868877
Conc: 497.25 ng/ml



#7 AR-1016-5

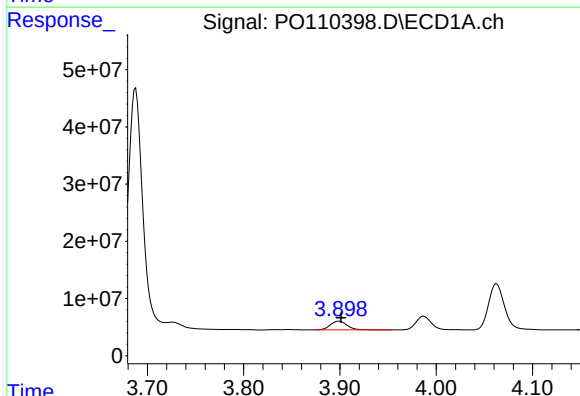
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 147075045
Conc: 546.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



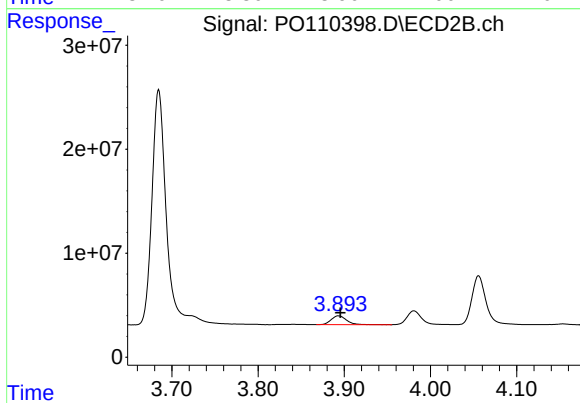
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 80189314
Conc: 537.92 ng/ml



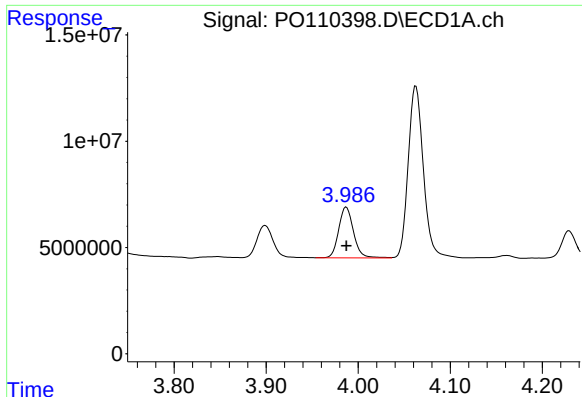
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 18357853
Conc: 155.53 ng/ml



#8 AR-1221-1

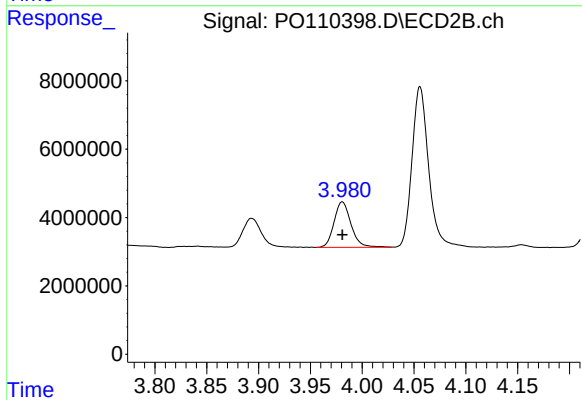
R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 10389965
Conc: 155.60 ng/ml



#9 AR-1221-2

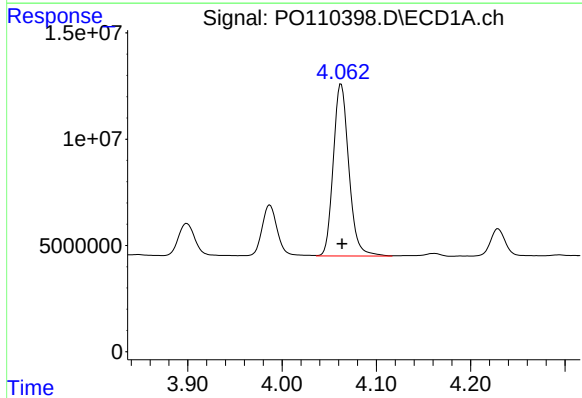
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 26778849
Conc: 303.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



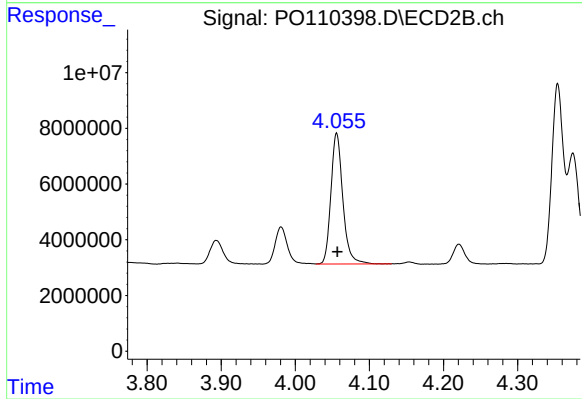
#9 AR-1221-2

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 15192450
Conc: 303.27 ng/ml



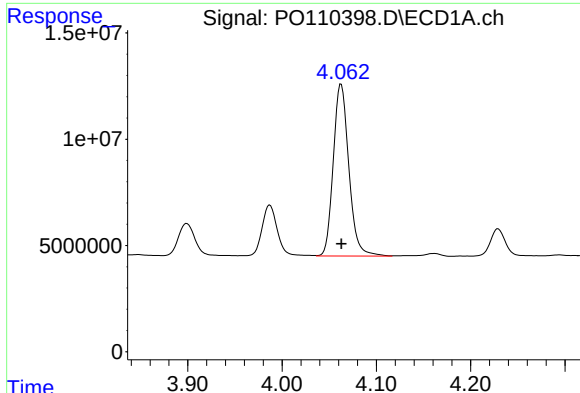
#10 AR-1221-3

R.T.: 4.063 min
Delta R.T.: -0.001 min
Response: 92939153
Conc: 353.21 ng/ml



#10 AR-1221-3

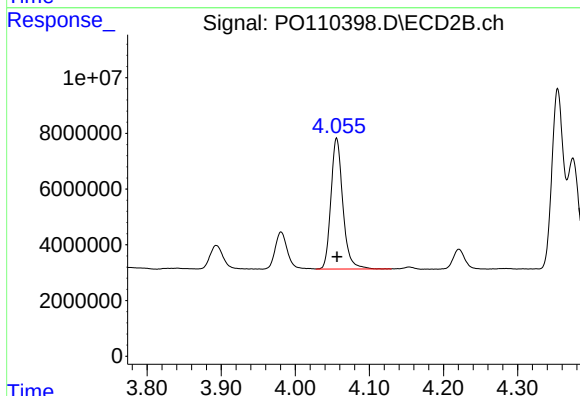
R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 52450109
Conc: 351.61 ng/ml



#11 AR-1232-1

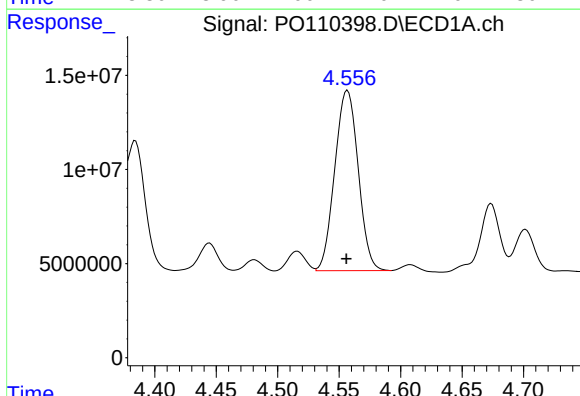
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 92939153
Conc: 453.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



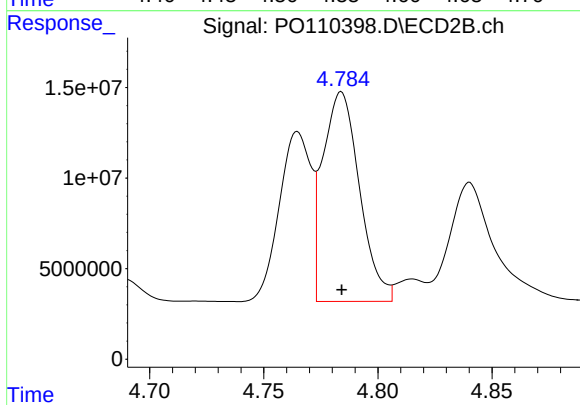
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 52450109
Conc: 455.99 ng/ml



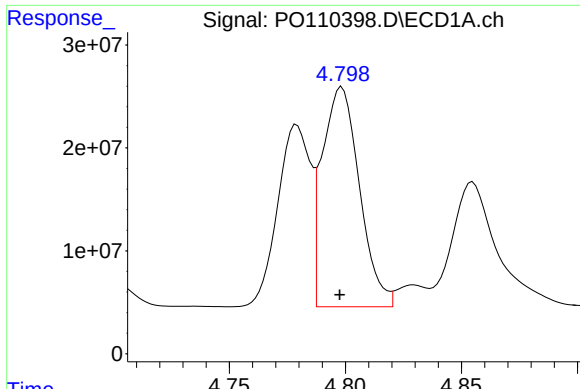
#12 AR-1232-2

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 127100702
Conc: 1191.10 ng/ml



#12 AR-1232-2

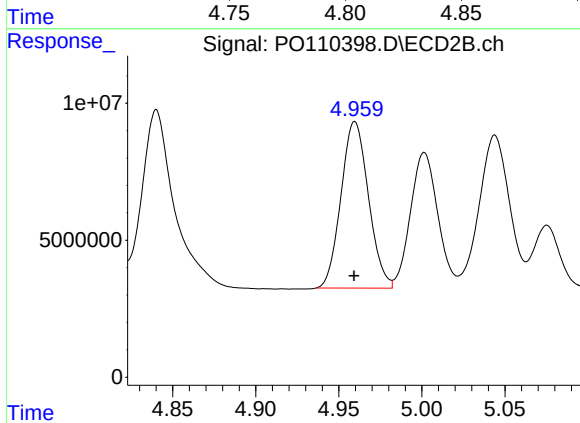
R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 129628436
Conc: 1169.21 ng/ml



#13 AR-1232-3

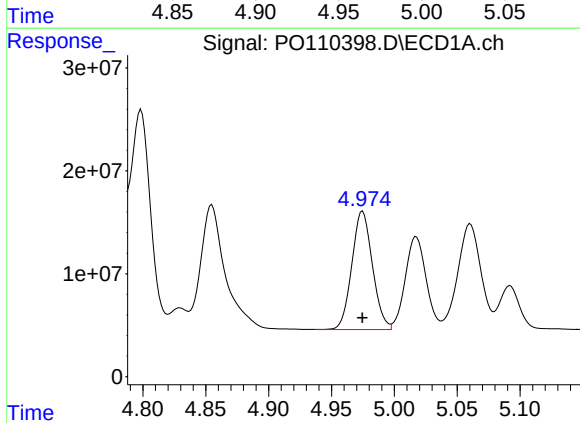
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 238216593
Conc: 1192.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



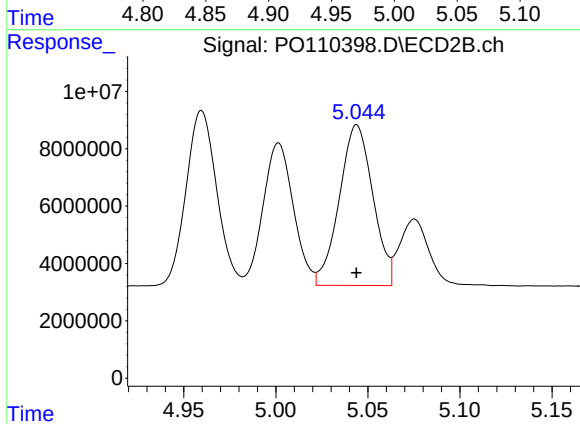
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 69955700
Conc: 1222.94 ng/ml



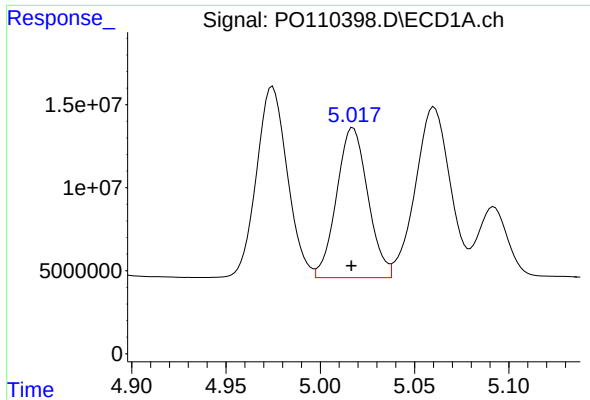
#14 AR-1232-4

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 131084989
Conc: 1281.40 ng/ml



#14 AR-1232-4

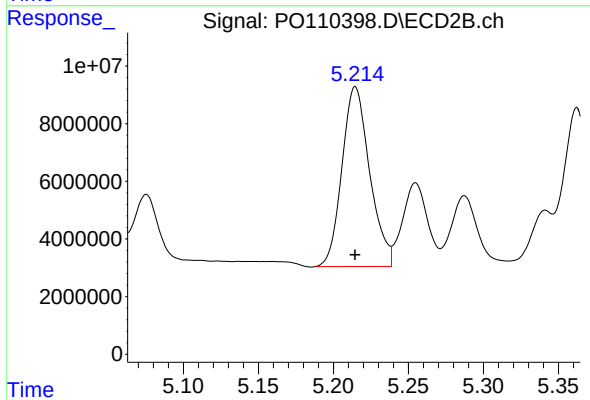
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 71123848
Conc: 1318.25 ng/ml



#15 AR-1232-5

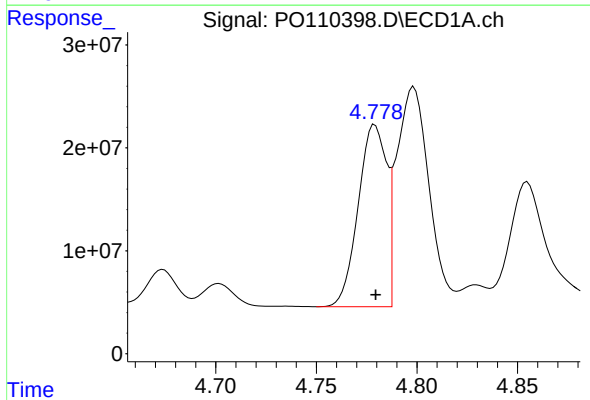
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 104239667
Conc: 1512.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



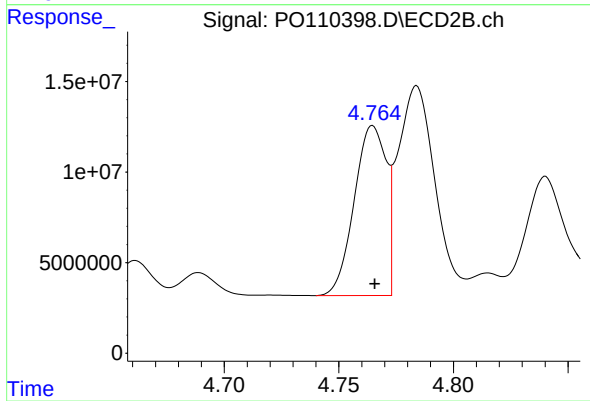
#15 AR-1232-5

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 80189314
Conc: 1403.48 ng/ml



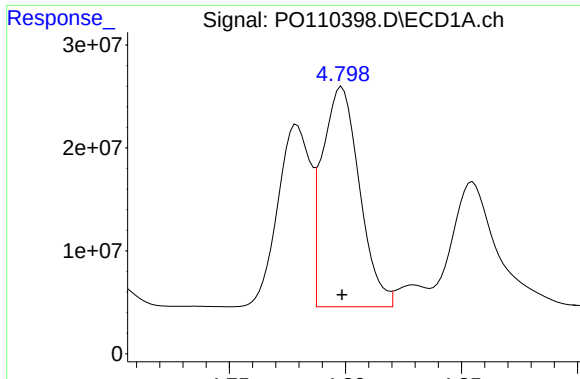
#16 AR-1242-1

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 172772793
Conc: 622.53 ng/ml



#16 AR-1242-1

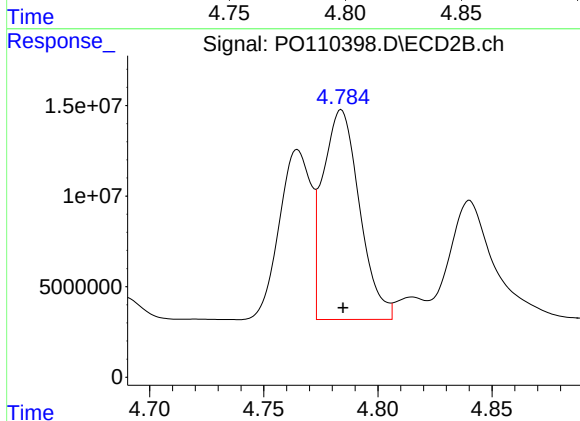
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 90969768
Conc: 608.48 ng/ml



#17 AR-1242-2

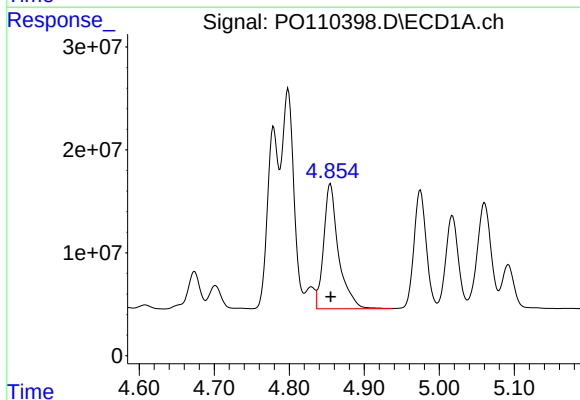
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 238216593
Conc: 617.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



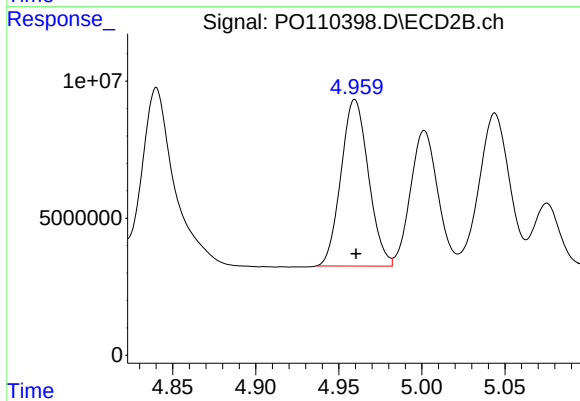
#17 AR-1242-2

R.T.: 4.784 min
Delta R.T.: 0.000 min
Response: 129628436
Conc: 607.55 ng/ml



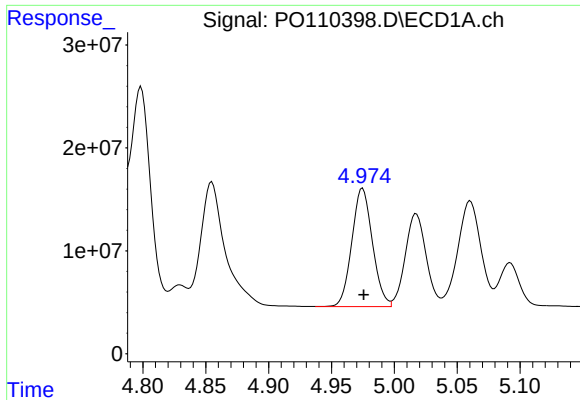
#18 AR-1242-3

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 167287122
Conc: 601.32 ng/ml



#18 AR-1242-3

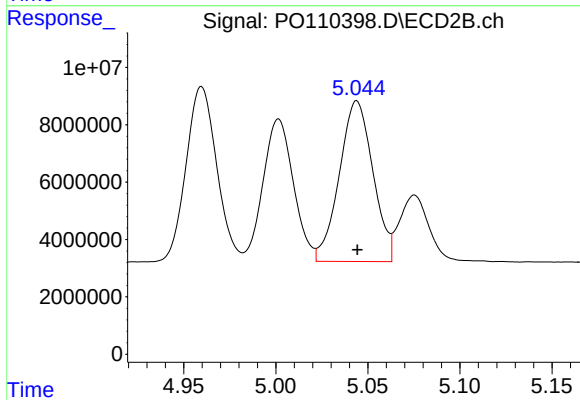
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 69955700
Conc: 605.25 ng/ml



#19 AR-1242-4

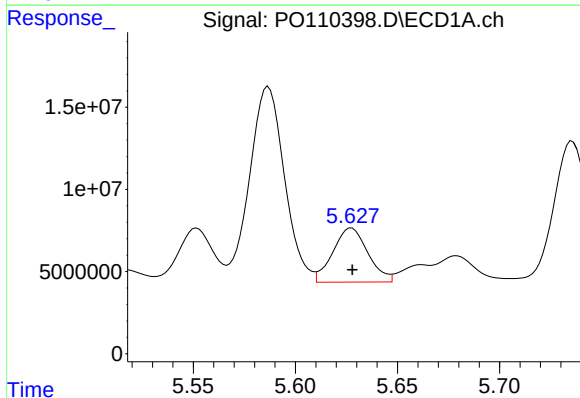
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 131084989
Conc: 620.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



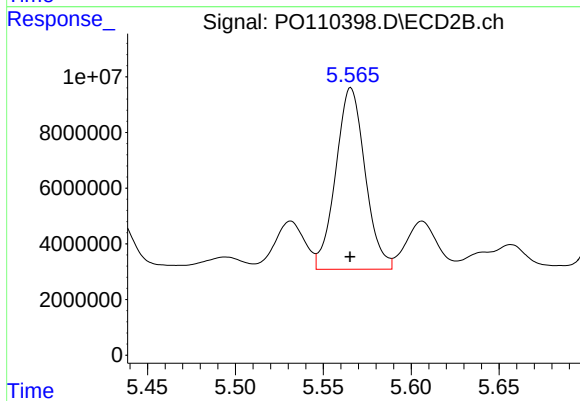
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 71123848
Conc: 592.21 ng/ml



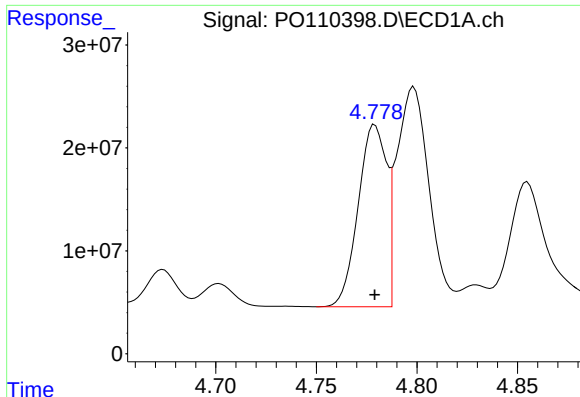
#20 AR-1242-5

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 39437702
Conc: 174.20 ng/ml



#20 AR-1242-5

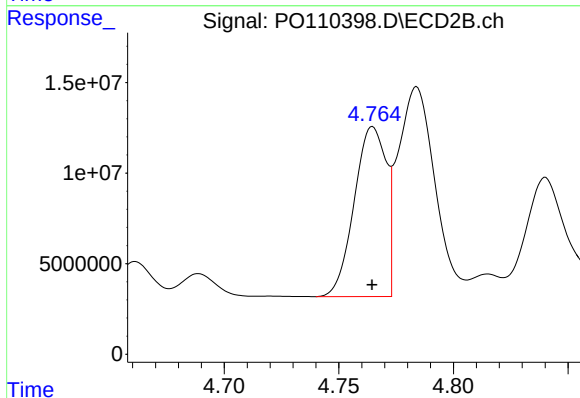
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 75978606
Conc: 523.64 ng/ml



#21 AR-1248-1

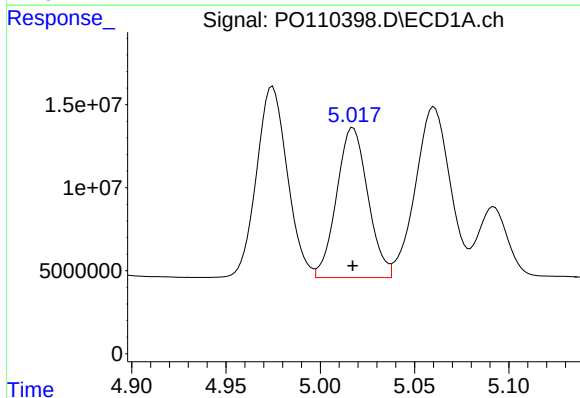
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 172772793
Conc: 811.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



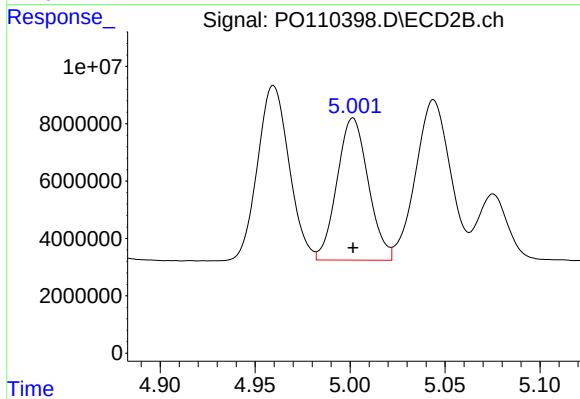
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 90969768
Conc: 790.13 ng/ml



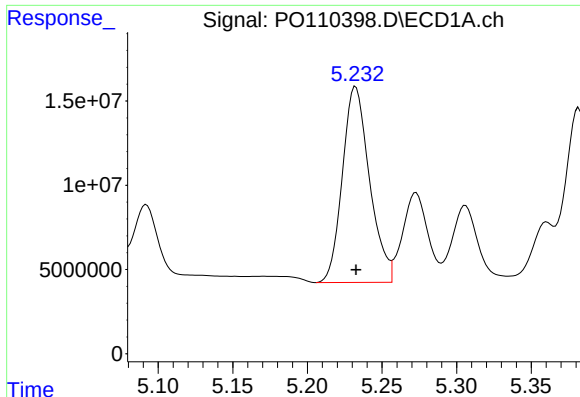
#22 AR-1248-2

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 104239667
Conc: 352.25 ng/ml



#22 AR-1248-2

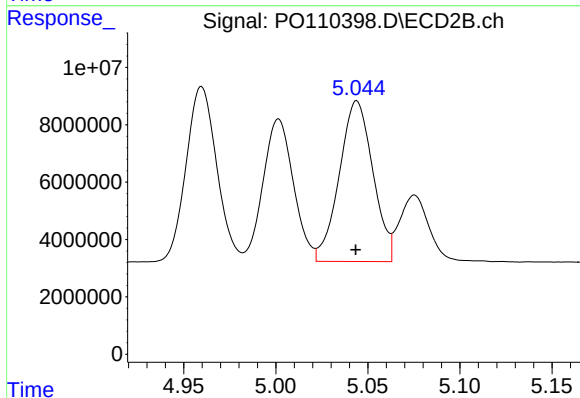
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 56868877
Conc: 349.14 ng/ml



#23 AR-1248-3

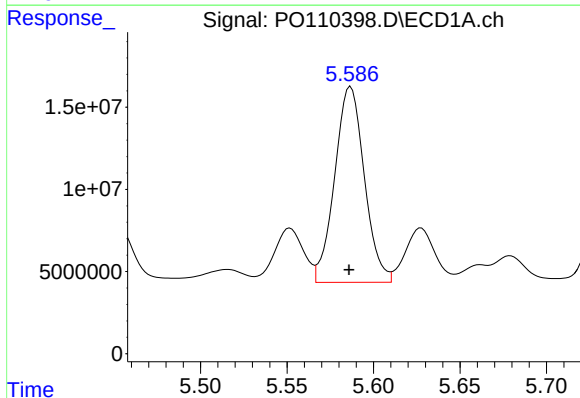
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 147075045
Conc: 397.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



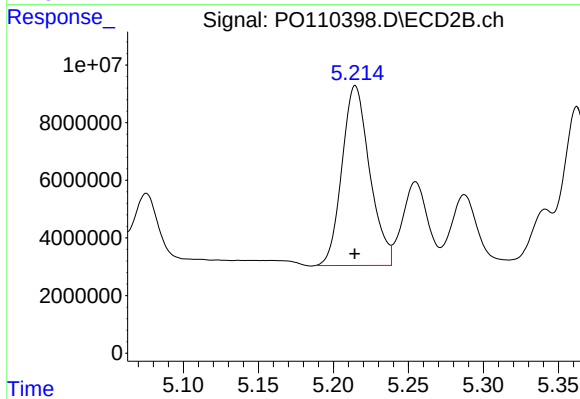
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 71123848
Conc: 404.44 ng/ml



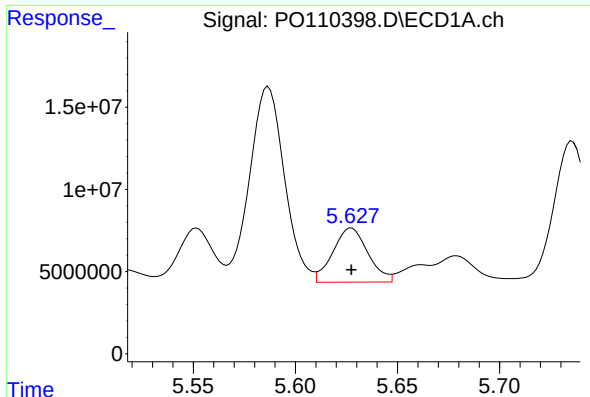
#24 AR-1248-4

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 141632079
Conc: 272.35 ng/ml



#24 AR-1248-4

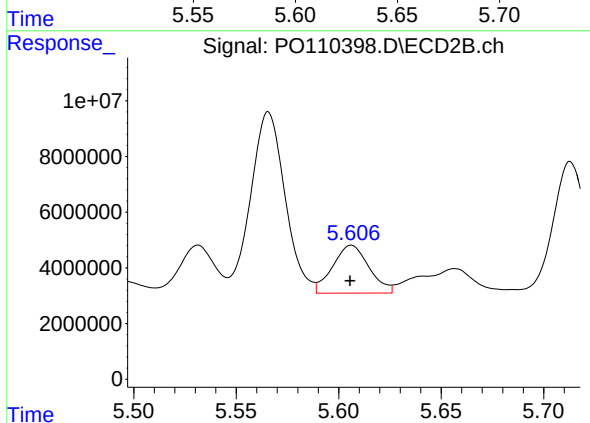
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 80189314
Conc: 393.70 ng/ml



#25 AR-1248-5

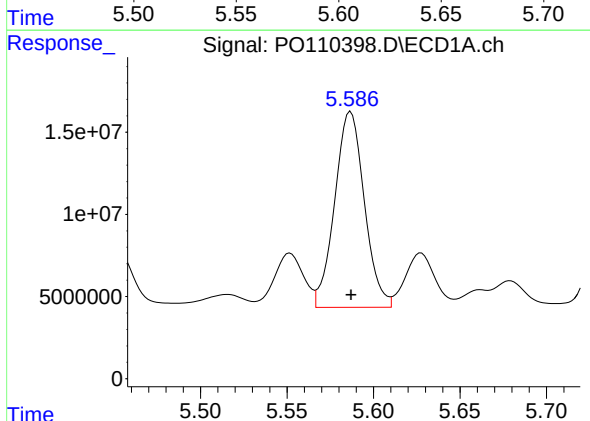
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 39437702
Conc: 106.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



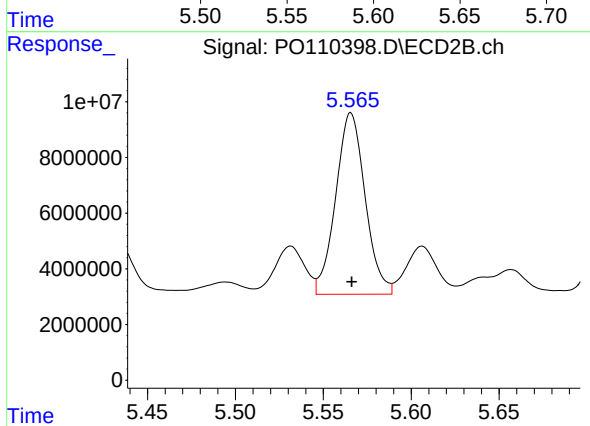
#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 21244501
Conc: 107.62 ng/ml



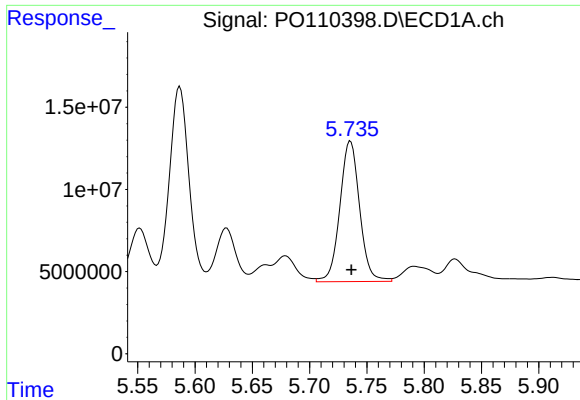
#26 AR-1254-1

R.T.: 5.587 min
Delta R.T.: 0.000 min
Response: 141632079
Conc: 253.83 ng/ml



#26 AR-1254-1

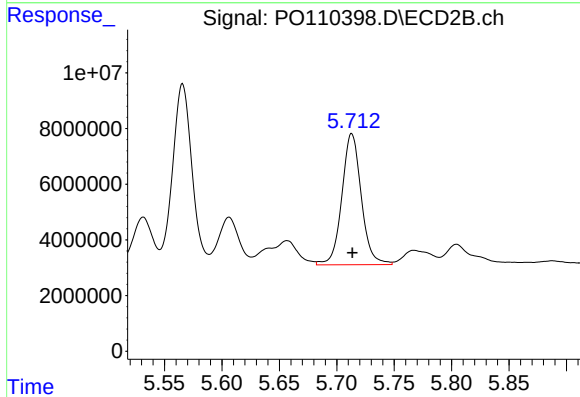
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 75978606
Conc: 252.00 ng/ml



#27 AR-1254-2

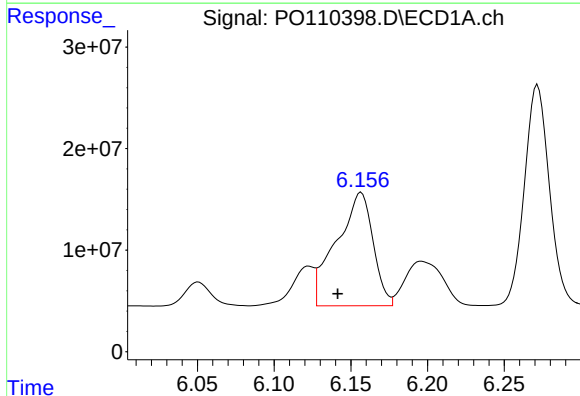
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 102938209
Conc: 211.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



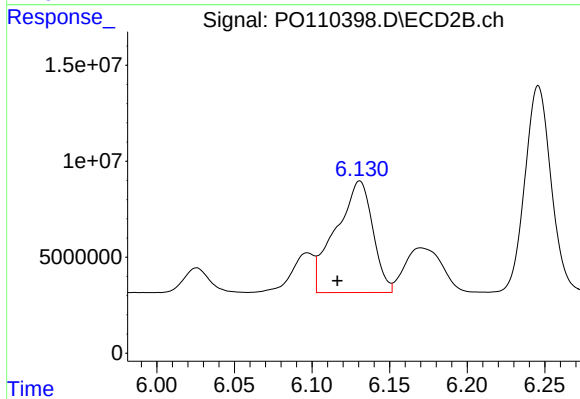
#27 AR-1254-2

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 55665551
Conc: 210.31 ng/ml



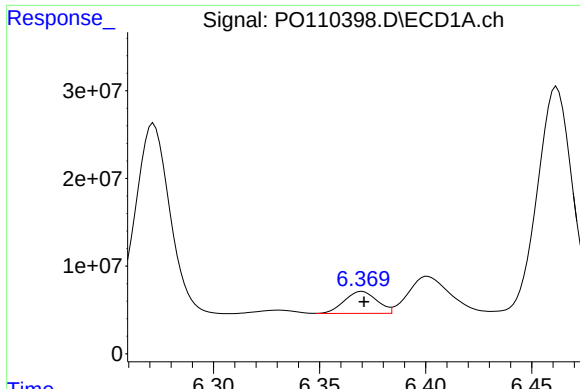
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.015 min
Response: 186167471
Conc: 237.69 ng/ml



#28 AR-1254-3

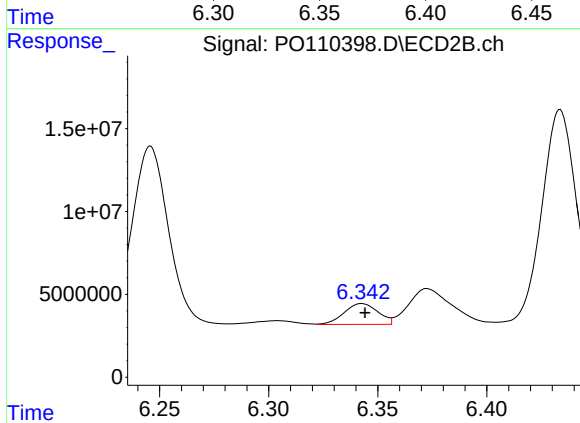
R.T.: 6.131 min
Delta R.T.: 0.014 min
Response: 96198583
Conc: 238.46 ng/ml



#29 AR-1254-4

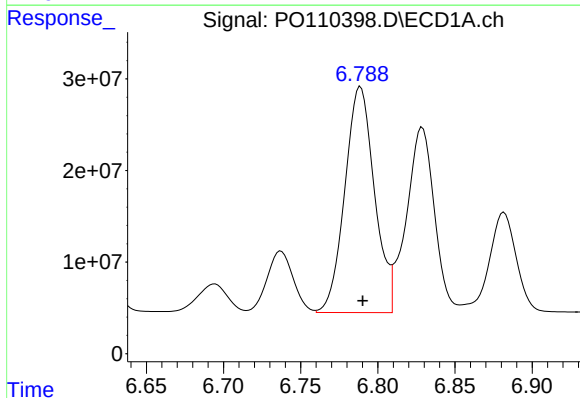
R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 27030903
Conc: 55.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



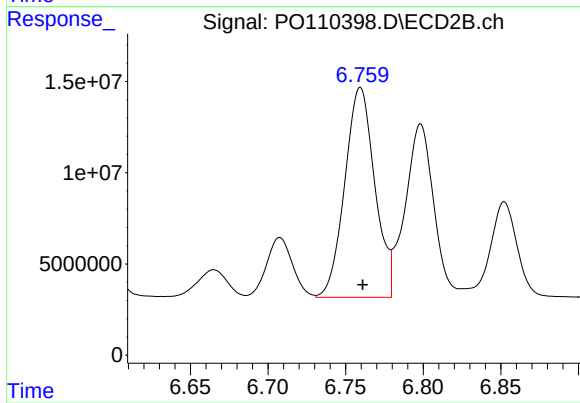
#29 AR-1254-4

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 13595899
Conc: 59.19 ng/ml



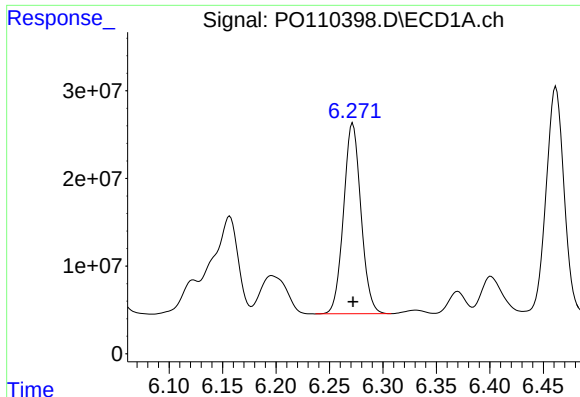
#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: -0.002 min
Response: 329631996
Conc: 470.30 ng/ml



#30 AR-1254-5

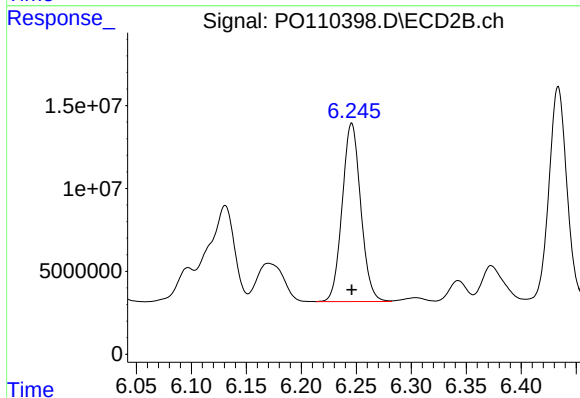
R.T.: 6.759 min
Delta R.T.: -0.001 min
Response: 154826167
Conc: 465.93 ng/ml



#31 AR-1260-1

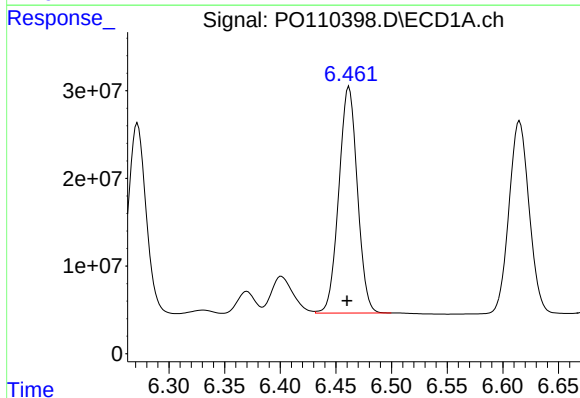
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 246056489
Conc: 520.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



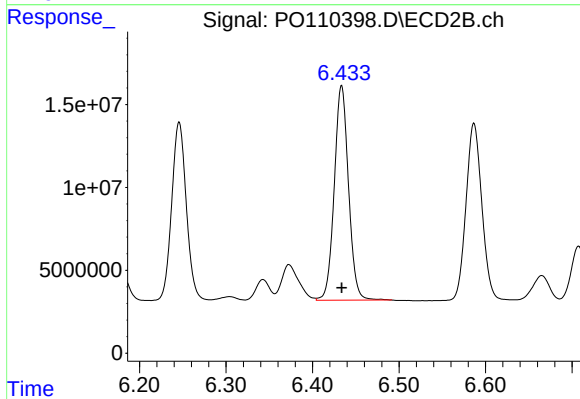
#31 AR-1260-1

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 126433131
Conc: 514.03 ng/ml



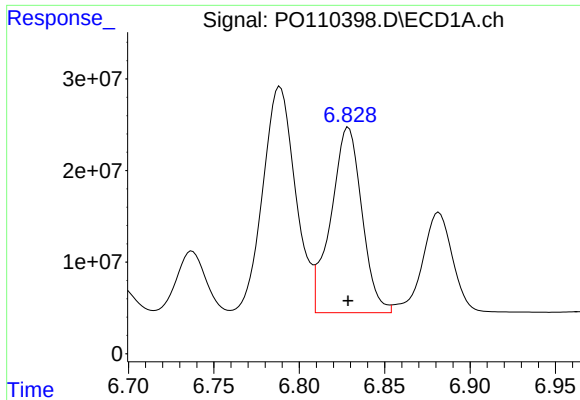
#32 AR-1260-2

R.T.: 6.462 min
Delta R.T.: 0.002 min
Response: 299512745
Conc: 510.74 ng/ml



#32 AR-1260-2

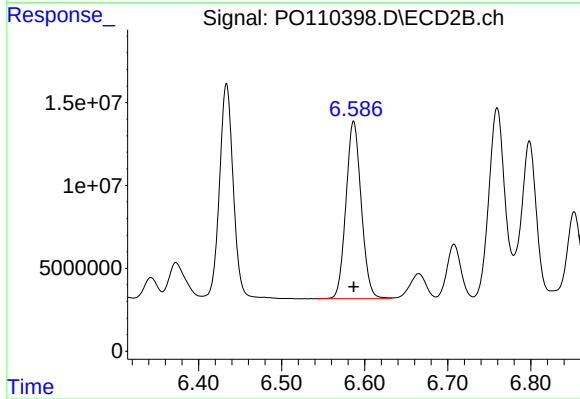
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 147881618
Conc: 506.88 ng/ml



#33 AR-1260-3

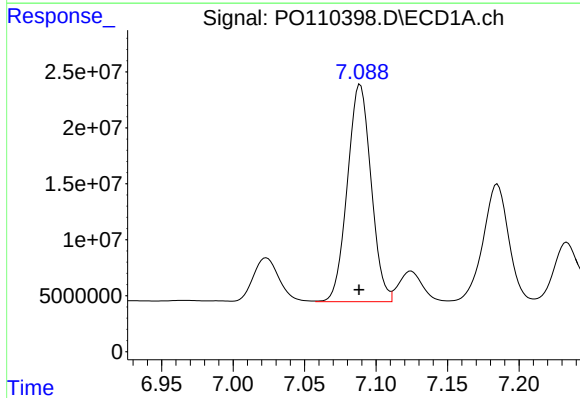
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 255779882
Conc: 518.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



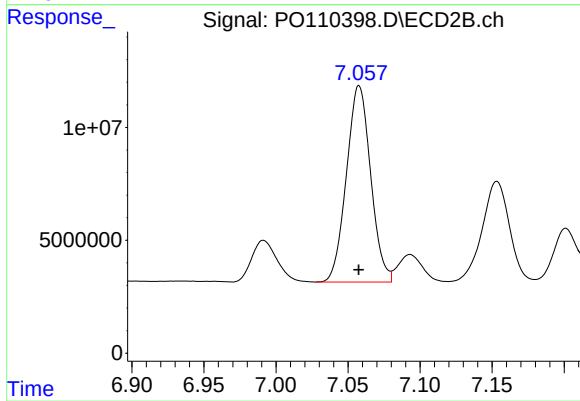
#33 AR-1260-3

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 136882070
Conc: 505.32 ng/ml



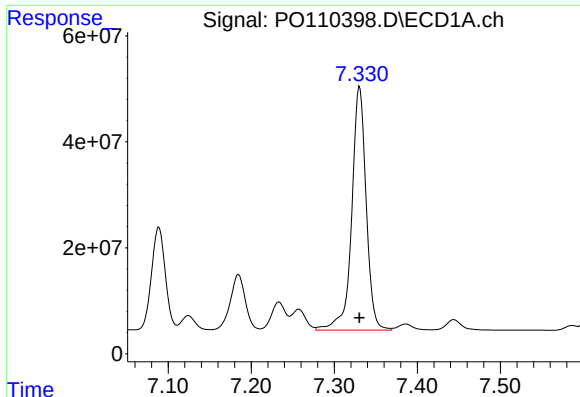
#34 AR-1260-4

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 223893155
Conc: 527.52 ng/ml



#34 AR-1260-4

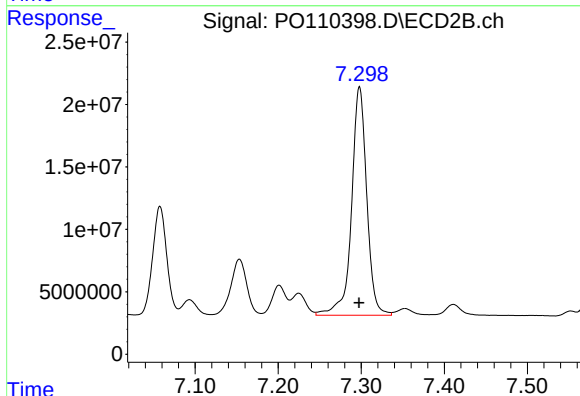
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 101928033
Conc: 508.01 ng/ml



#35 AR-1260-5

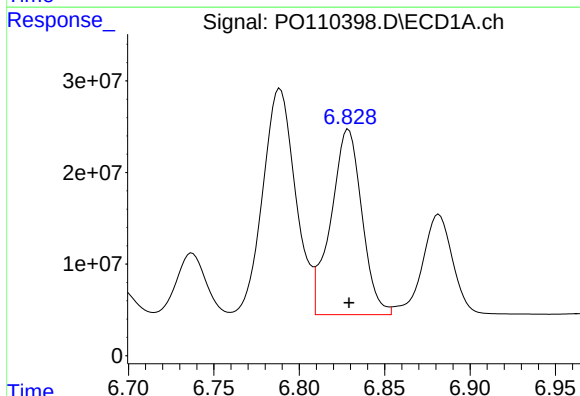
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 557363027
Conc: 534.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



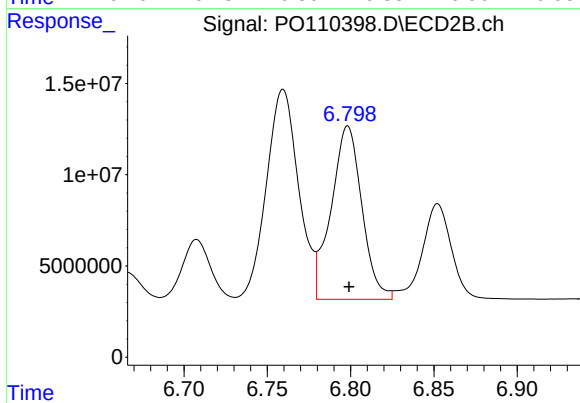
#35 AR-1260-5

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 233288339
Conc: 508.41 ng/ml



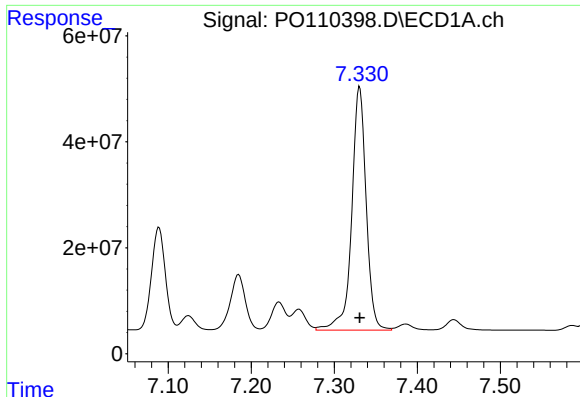
#36 AR-1262-1

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 255779882
Conc: 364.64 ng/ml



#36 AR-1262-1

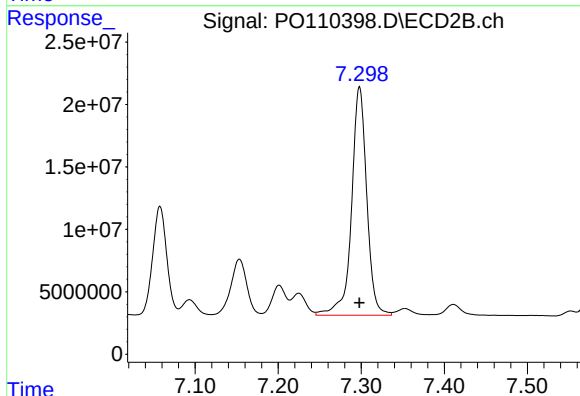
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 121870247
Conc: 370.04 ng/ml



#37 AR-1262-2

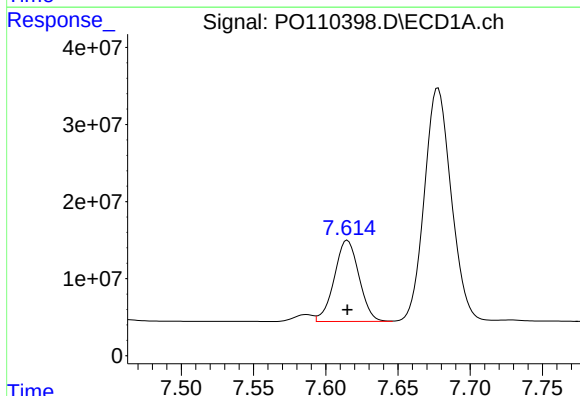
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 557363027
Conc: 461.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



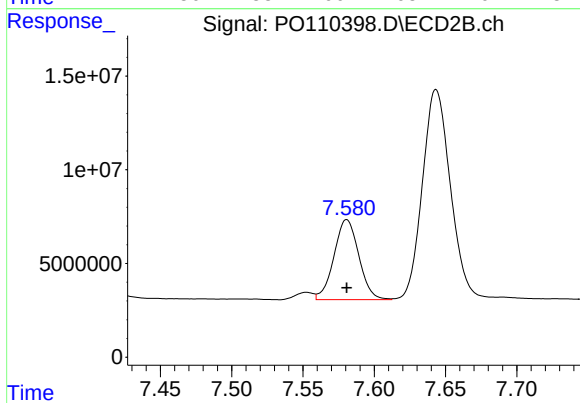
#37 AR-1262-2

R.T.: 7.298 min
Delta R.T.: 0.000 min
Response: 233288339
Conc: 458.82 ng/ml



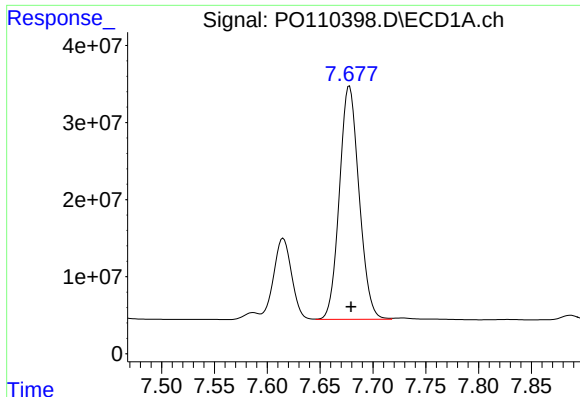
#38 AR-1262-3

R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 125162806
Conc: 245.85 ng/ml



#38 AR-1262-3

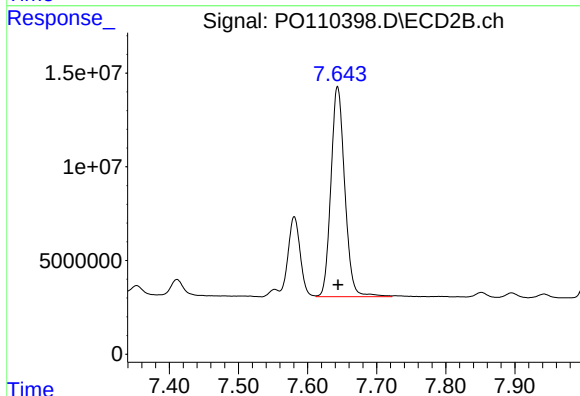
R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 51971297
Conc: 268.40 ng/ml



#39 AR-1262-4

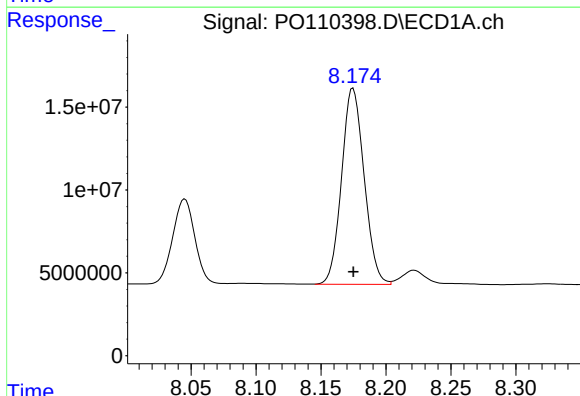
R.T.: 7.678 min
Delta R.T.: -0.001 min
Response: 392200155
Conc: 437.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



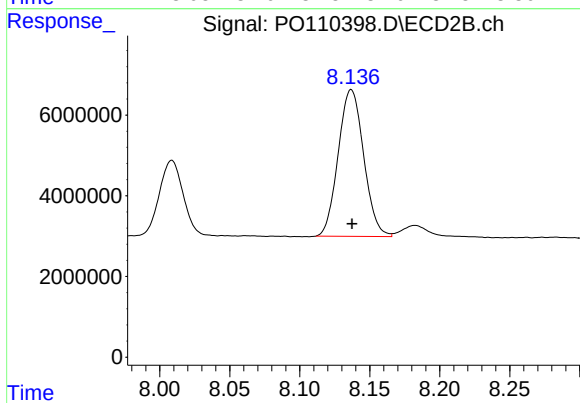
#39 AR-1262-4

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 155744170
Conc: 448.76 ng/ml



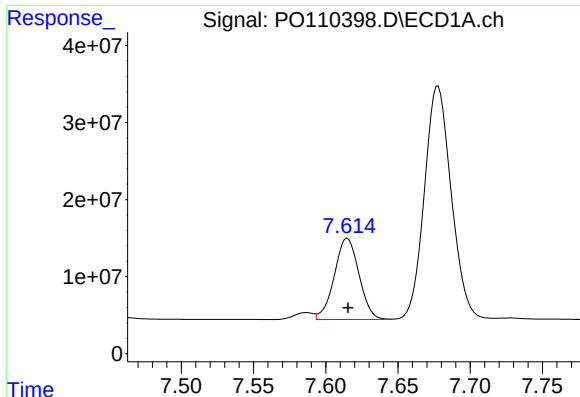
#40 AR-1262-5

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 143109417
Conc: 355.11 ng/ml



#40 AR-1262-5

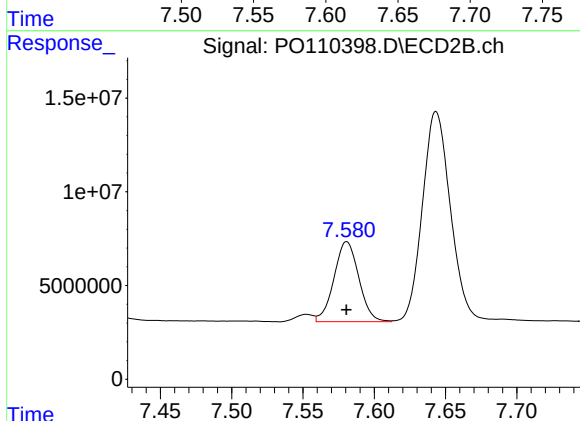
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 46100399
Conc: 370.00 ng/ml



#41 AR-1268-1

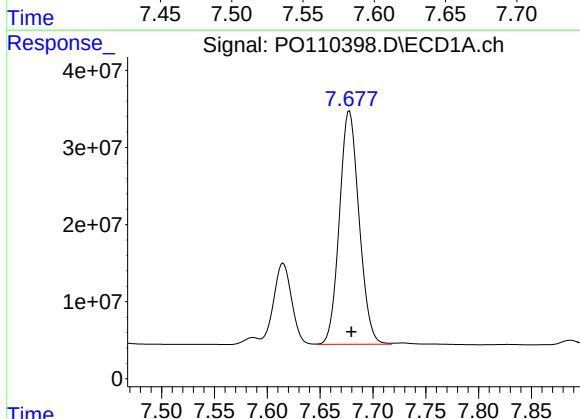
R.T.: 7.615 min
Delta R.T.: 0.000 min
Response: 125162806
Conc: 89.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



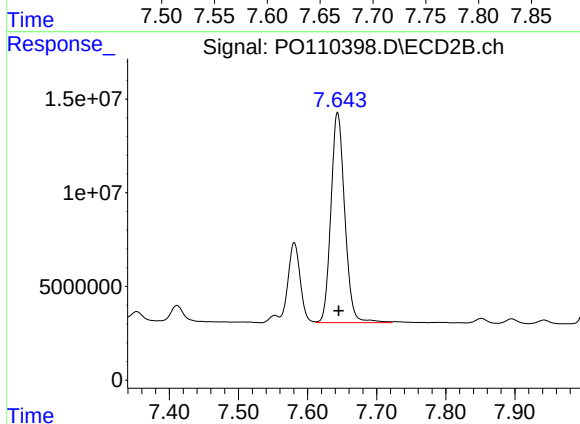
#41 AR-1268-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 51971297
Conc: 94.88 ng/ml



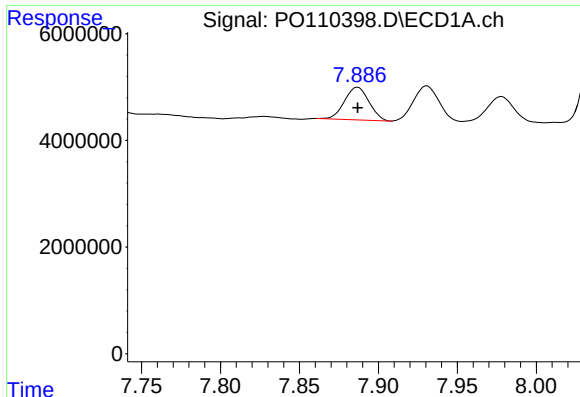
#42 AR-1268-2

R.T.: 7.678 min
Delta R.T.: -0.002 min
Response: 392200155
Conc: 306.47 ng/ml



#42 AR-1268-2

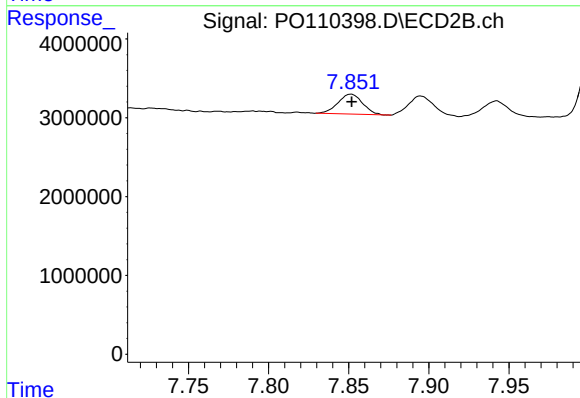
R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 155744170
Conc: 313.06 ng/ml



#43 AR-1268-3

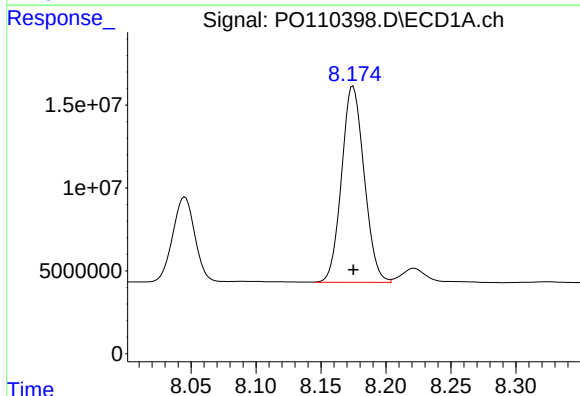
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 6632285
Conc: 6.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



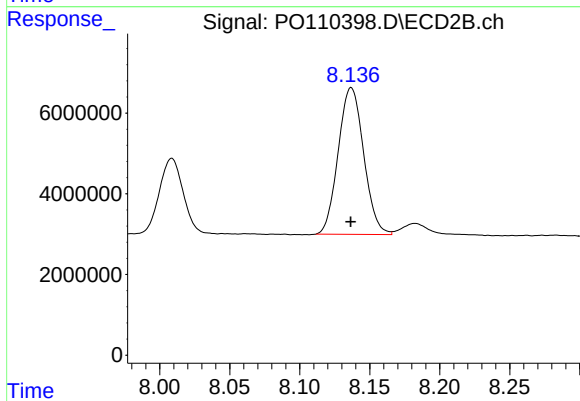
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.000 min
Response: 2711305
Conc: 7.30 ng/ml



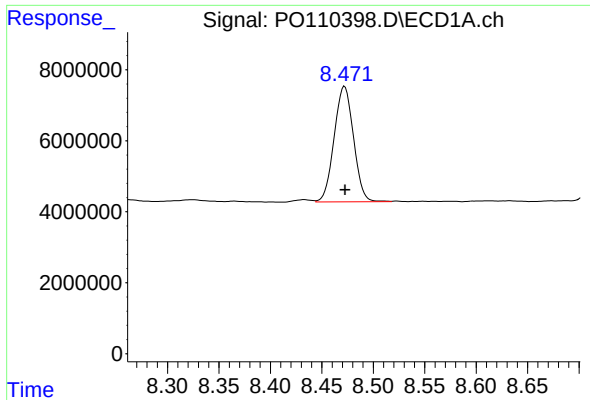
#44 AR-1268-4

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 143109417
Conc: 322.20 ng/ml



#44 AR-1268-4

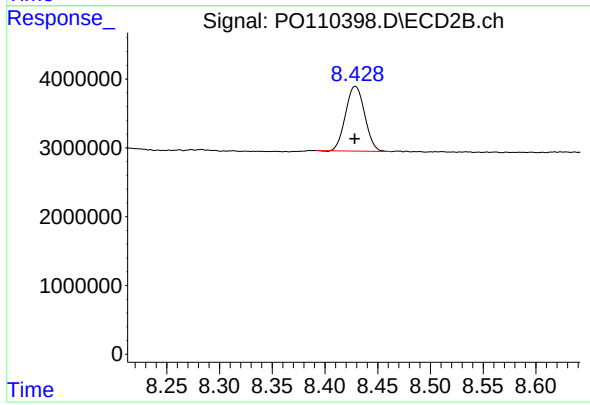
R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 46100399
Conc: 326.63 ng/ml



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 42739643
Conc: 13.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 11891398
Conc: 15.11 ng/ml