

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
 Data File : P0109211.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 07:56
 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: Jan 29 08:15:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 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...	3.699	3.697	408.3E6	294.8E6	54.038	55.003
2)	SA Decachlor...	8.765	8.715	366.6E6	172.7E6	52.919	50.216
Target Compounds							
3)	L1 AR-1016-1	4.795	4.801	136.4E6	125.3E6	540.689	773.937 #
4)	L1 AR-1016-2	4.815	4.832	184.7E6	10347765	535.652	43.435 #
5)	L1 AR-1016-3	4.871	5.018	130.9E6	53927721	536.296	413.627
6)	L1 AR-1016-4	4.992	5.018	102.7E6	53927721	538.280	487.952
7)	L1 AR-1016-5	5.250	5.273	125.7E6	40818650	602.061	284.365 #
8)	L2 AR-1221-1	3.912	3.907	15448977	10374929	154.334	158.420
9)	L2 AR-1221-2	4.000	3.994	21789220	15354482	292.837	310.897
10)	L2 AR-1221-3	4.076	4.070	74122353	51521165	356.332	354.926
11)	L3 AR-1232-1	4.076	4.070	74122353	51521165	448.895	446.040
12)	L3 AR-1232-2	4.572	4.801	99686758	125.3E6	1095.681	1150.589
13)	L3 AR-1232-3	4.815	4.977	184.7E6	70854362	1153.519	1181.557
14)	L3 AR-1232-4	4.992	5.061	102.7E6	76209721	1167.250	1330.897
15)	L3 AR-1232-5	5.034	5.233	73075842	87213742	1127.396	1437.464 #
16)	L4 AR-1242-1	4.795	4.782	136.4E6	89374286	642.101	625.381
17)	L4 AR-1242-2	4.815	4.801	184.7E6	125.3E6	644.302	635.412
18)	L4 AR-1242-3	4.871	4.977	130.9E6	70854362	639.534	649.784
19)	L4 AR-1242-4	4.992	5.061	102.7E6	76209721	646.567	670.601
20)	L4 AR-1242-5	5.646	5.585	37649823	85064092	225.406	621.874 #
21)	L5 AR-1248-1	4.795	4.782	136.4E6	89374286	854.844	832.785
22)	L5 AR-1248-2	5.034	5.018	73075842	53927721	326.977	350.233
23)	L5 AR-1248-3	5.250	5.061	125.7E6	76209721	458.947	460.832
24)	L5 AR-1248-4	5.606	5.233	120.9E6	87213742	314.321	455.410 #
25)	L5 AR-1248-5	5.646	5.625	37649823	28919149	141.717	157.845
26)	L6 AR-1254-1	5.606	5.585	120.9E6	85064092	292.290	302.630
27)	L6 AR-1254-2	5.755	5.732	87368052	67337010	241.464	269.066
28)	L6 AR-1254-3	6.144	6.152	30966747	130.4E6	54.894	332.035 #
29)	L6 AR-1254-4	6.390	6.364	23622002	16030757	68.545	72.751
30)	L6 AR-1254-5	6.811	6.781	263.0E6	163.6E6	512.639	500.673
31)	L7 AR-1260-1	6.293	6.267	201.2E6	136.8E6	527.813	542.844
32)	L7 AR-1260-2	6.482	6.454	250.4E6	159.5E6	533.310	530.101
33)	L7 AR-1260-3	6.851	6.608	206.6E6	144.9E6	527.691	520.505
34)	L7 AR-1260-4	7.111	7.116	188.9E6	14621606	527.769	64.797 #
35)	L7 AR-1260-5	7.353	7.320	442.9E6	258.8E6	530.619	516.956
36)	L8 AR-1262-1	6.851	6.821	206.6E6	129.0E6	386.925	379.158
37)	L8 AR-1262-2	7.353	7.320	442.9E6	258.8E6	481.641	466.693
38)	L8 AR-1262-3	7.639	7.605	101.8E6	59016368	279.190	275.211
39)	L8 AR-1262-4	7.702	7.667	318.3E6	180.0E6	462.969	459.406
40)	L8 AR-1262-5	8.201	8.161	116.8E6	59055667	386.644	370.344
41)	L9 AR-1268-1	7.639	7.605	101.8E6	59016368	95.598	93.751

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
Data File : P0109211.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jan 2025 07:56
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

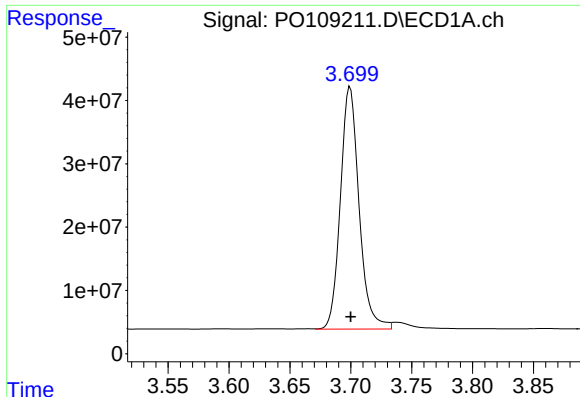
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 08:15:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 22 03:46:11 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	7.702	7.667	318.3E6	180.0E6	328.496	315.230
43)	L9 AR-1268-3	7.912	7.877	6708859	3921919	8.328	8.515
44)	L9 AR-1268-4	8.201	8.161	116.8E6	59055667	340.988	327.156
45)	L9 AR-1268-5	8.501	8.455	34647627	16559319	14.489	13.838

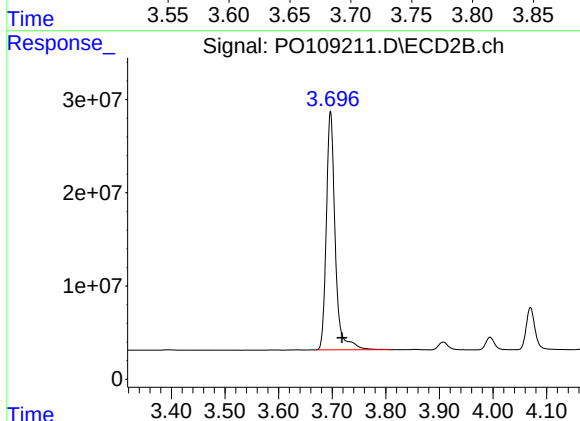
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

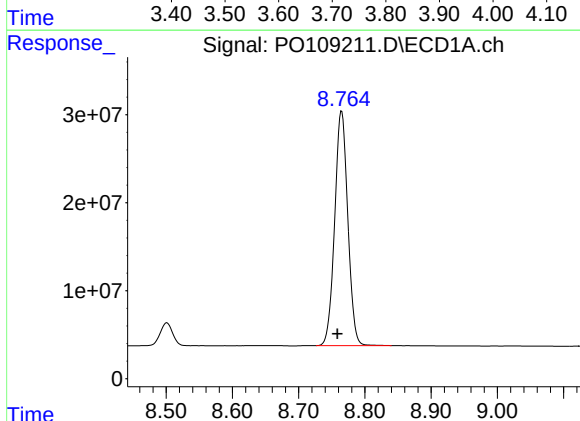
R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 408337288
Conc: 54.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



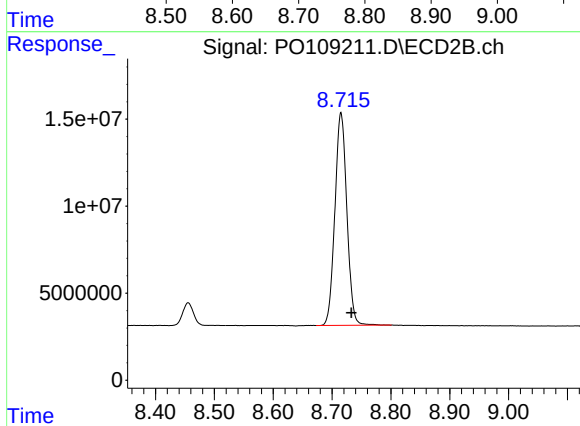
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.022 min
Response: 294834050
Conc: 55.00 ng/ml



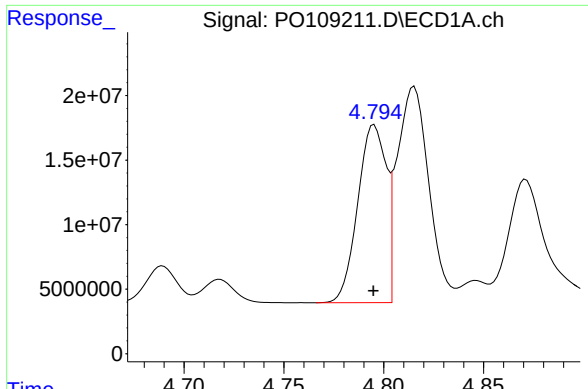
#2 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.007 min
Response: 366612453
Conc: 52.92 ng/ml



#2 Decachlorobiphenyl

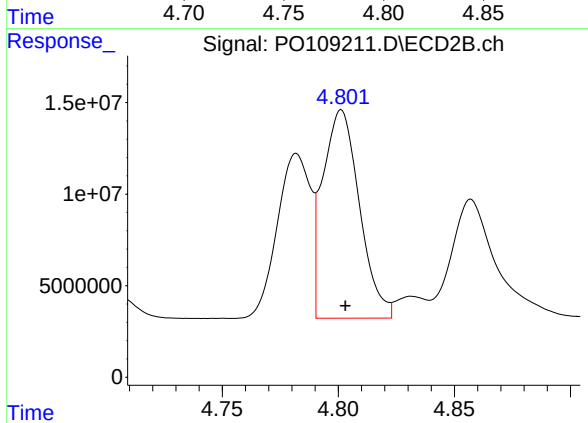
R.T.: 8.715 min
Delta R.T.: -0.018 min
Response: 172680198
Conc: 50.22 ng/ml



#3 AR-1016-1

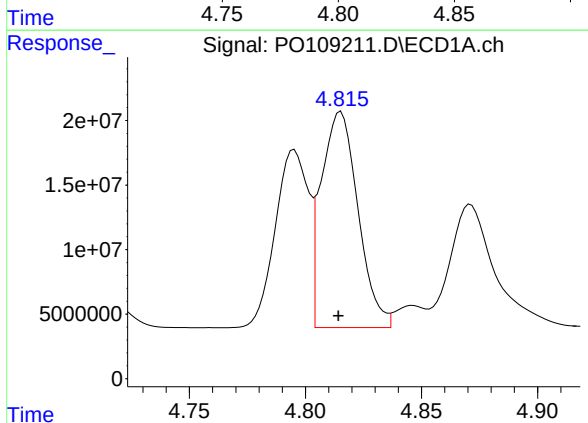
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 136408583
Conc: 540.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



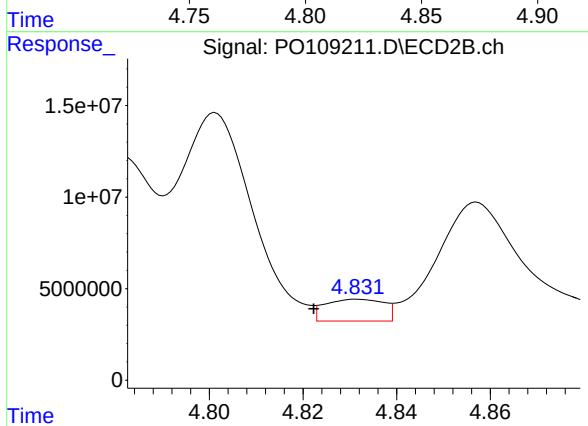
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 125314279
Conc: 773.94 ng/ml



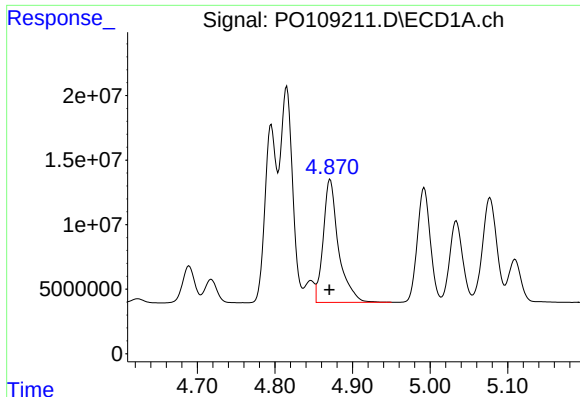
#4 AR-1016-2

R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 184738131
Conc: 535.65 ng/ml



#4 AR-1016-2

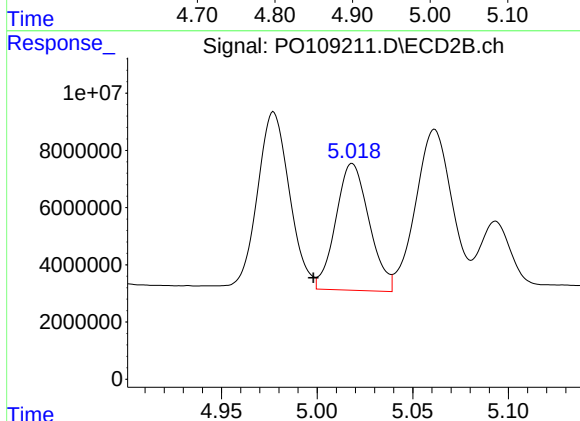
R.T.: 4.832 min
Delta R.T.: 0.009 min
Response: 10347765
Conc: 43.43 ng/ml



#5 AR-1016-3

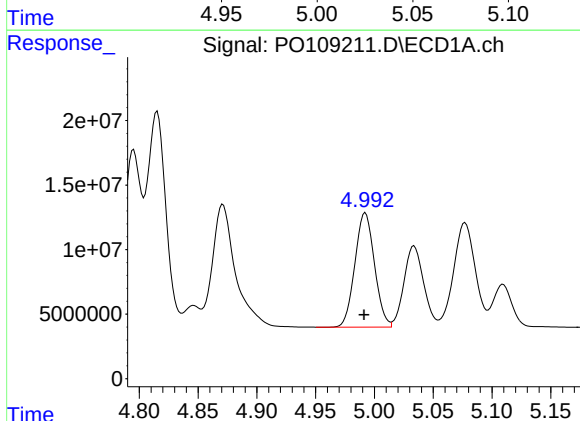
R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 130918658
Conc: 536.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



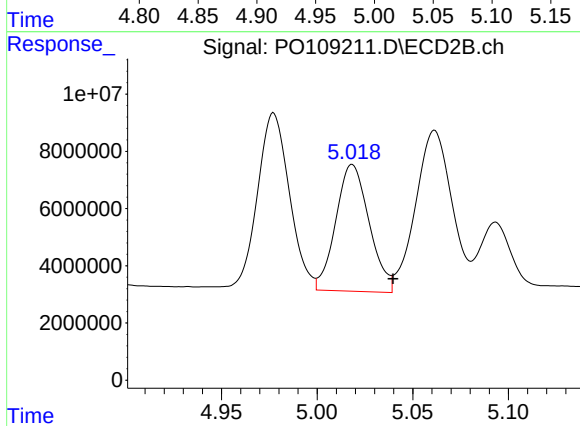
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: 0.020 min
Response: 53927721
Conc: 413.63 ng/ml



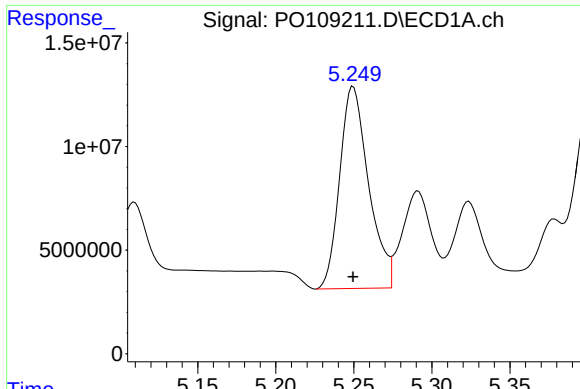
#6 AR-1016-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 102719638
Conc: 538.28 ng/ml



#6 AR-1016-4

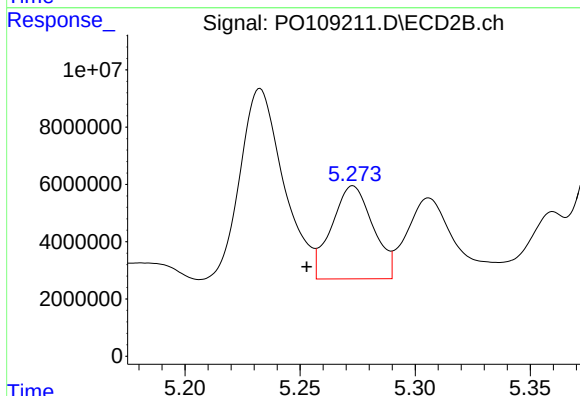
R.T.: 5.018 min
Delta R.T.: -0.021 min
Response: 53927721
Conc: 487.95 ng/ml



#7 AR-1016-5

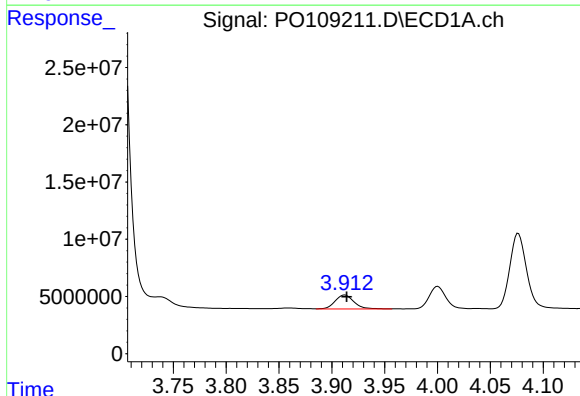
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 125687122
Conc: 602.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



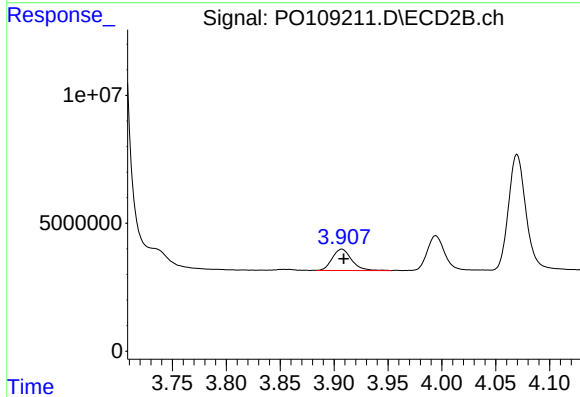
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.020 min
Response: 40818650
Conc: 284.37 ng/ml



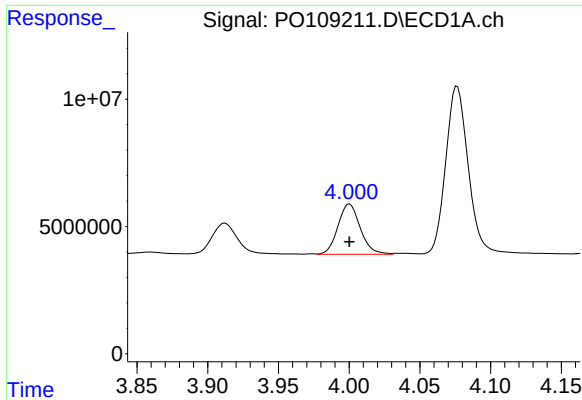
#8 AR-1221-1

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 15448977
Conc: 154.33 ng/ml



#8 AR-1221-1

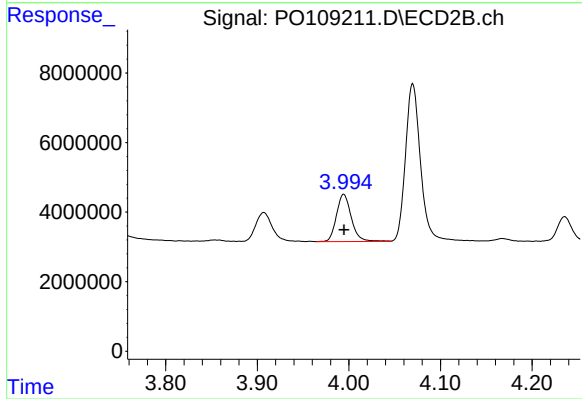
R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 10374929
Conc: 158.42 ng/ml



#9 AR-1221-2

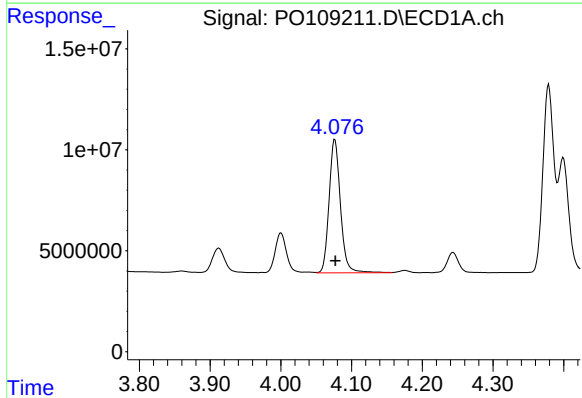
R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 21789220
Conc: 292.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



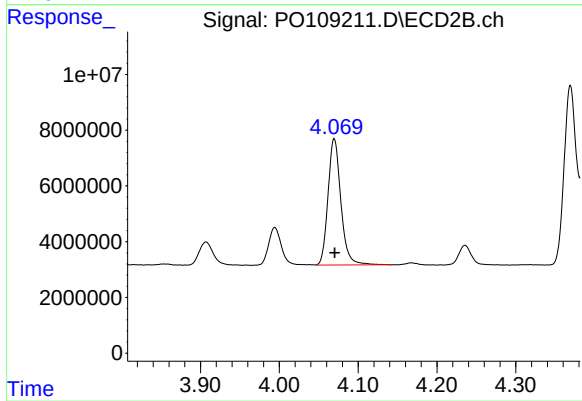
#9 AR-1221-2

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 15354482
Conc: 310.90 ng/ml



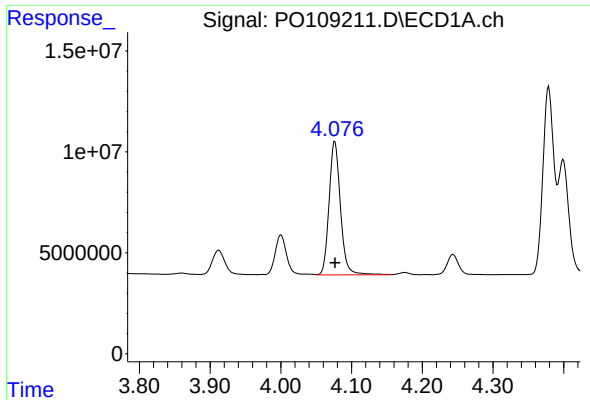
#10 AR-1221-3

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 74122353
Conc: 356.33 ng/ml



#10 AR-1221-3

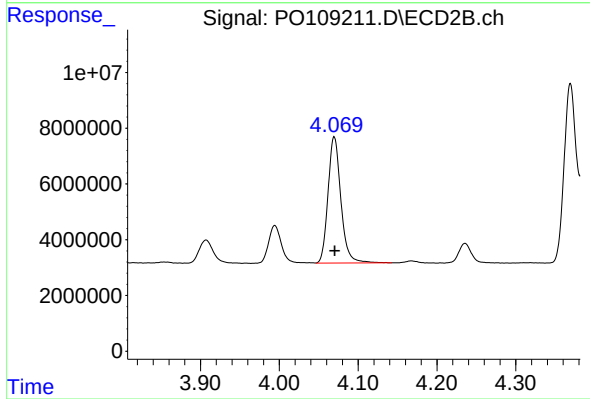
R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 51521165
Conc: 354.93 ng/ml



#11 AR-1232-1

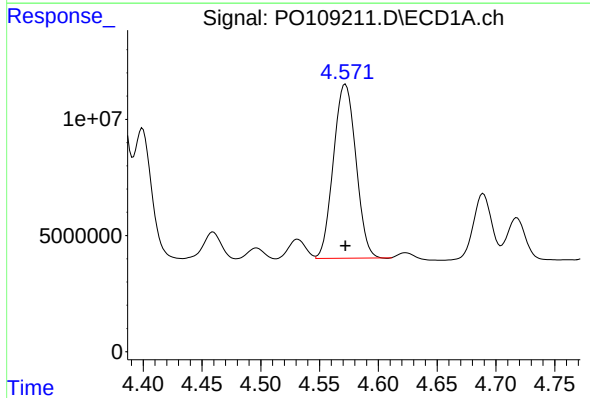
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 74122353
Conc: 448.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



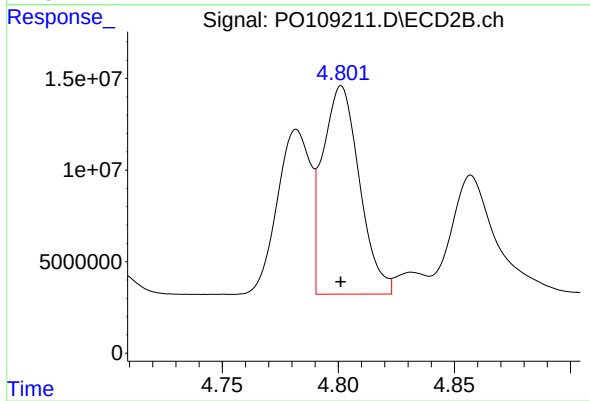
#11 AR-1232-1

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 51521165
Conc: 446.04 ng/ml



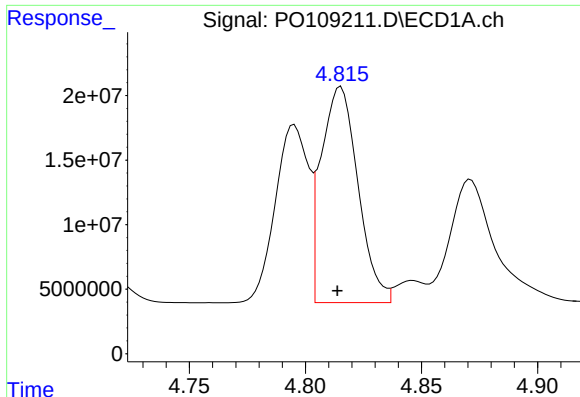
#12 AR-1232-2

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 99686758
Conc: 1095.68 ng/ml



#12 AR-1232-2

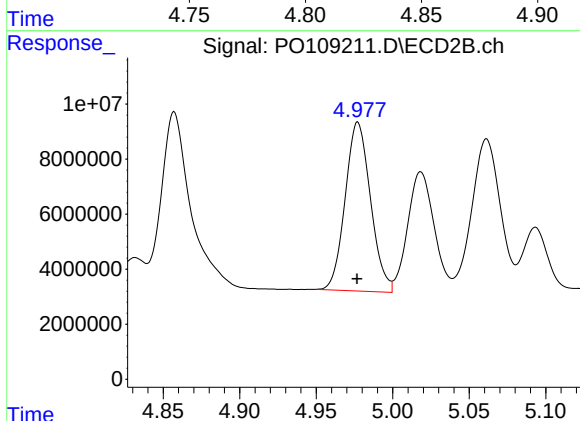
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 125314279
Conc: 1150.59 ng/ml



#13 AR-1232-3

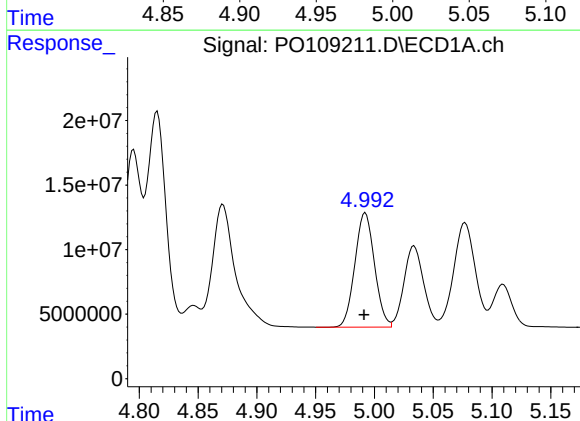
R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 184738131
Conc: 1153.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



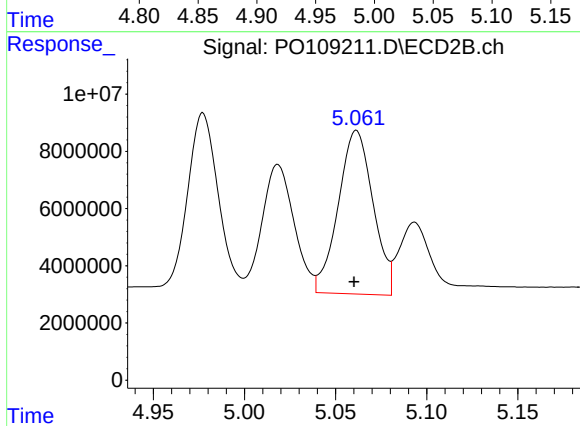
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 70854362
Conc: 1181.56 ng/ml



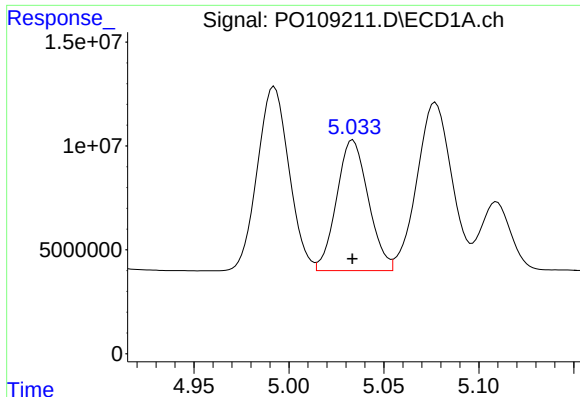
#14 AR-1232-4

R.T.: 4.992 min
Delta R.T.: 0.001 min
Response: 102719638
Conc: 1167.25 ng/ml



#14 AR-1232-4

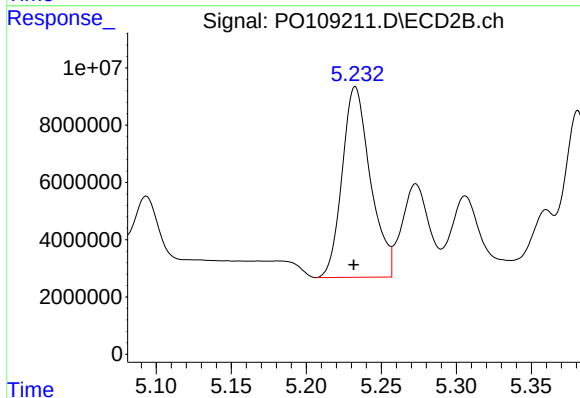
R.T.: 5.061 min
Delta R.T.: 0.001 min
Response: 76209721
Conc: 1330.90 ng/ml



#15 AR-1232-5

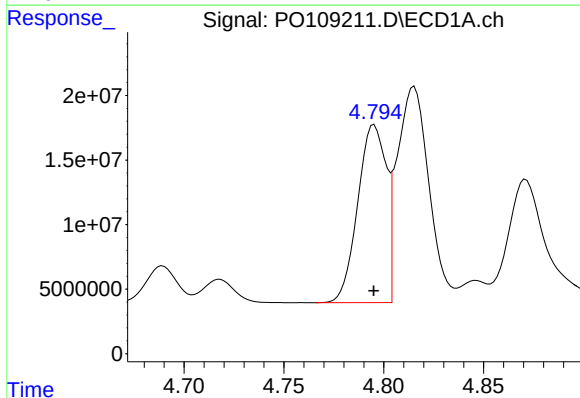
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 73075842
Conc: 1127.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



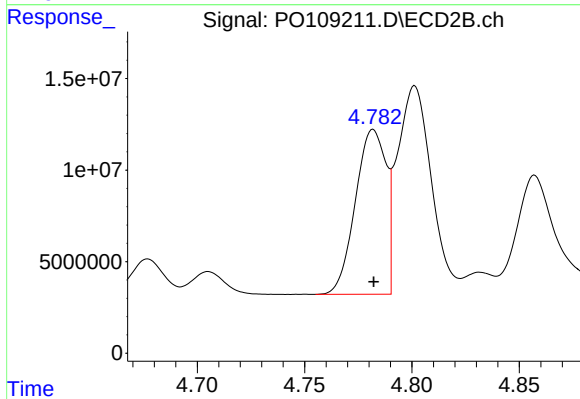
#15 AR-1232-5

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 87213742
Conc: 1437.46 ng/ml



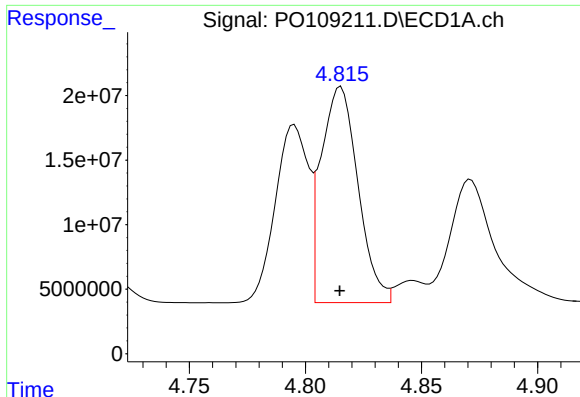
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 136408583
Conc: 642.10 ng/ml



#16 AR-1242-1

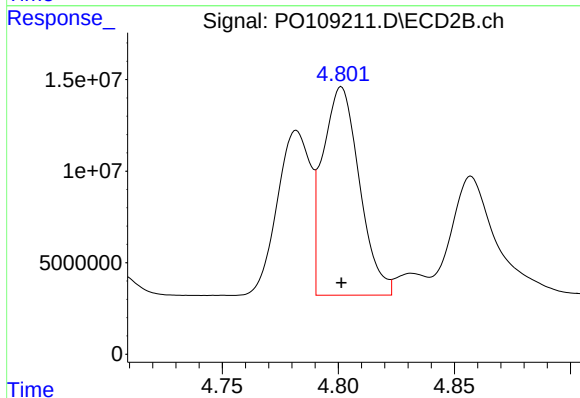
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 89374286
Conc: 625.38 ng/ml



#17 AR-1242-2

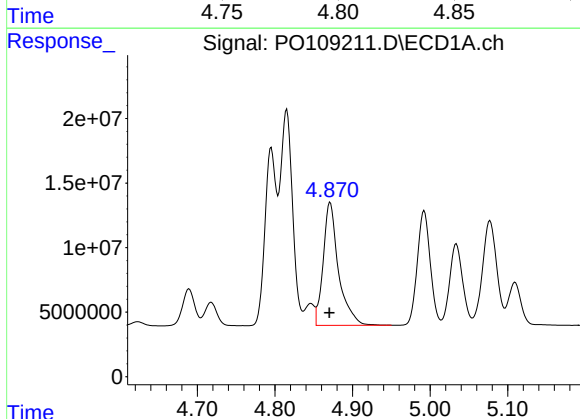
R.T.: 4.815 min
Delta R.T.: 0.000 min
Response: 184738131
Conc: 644.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



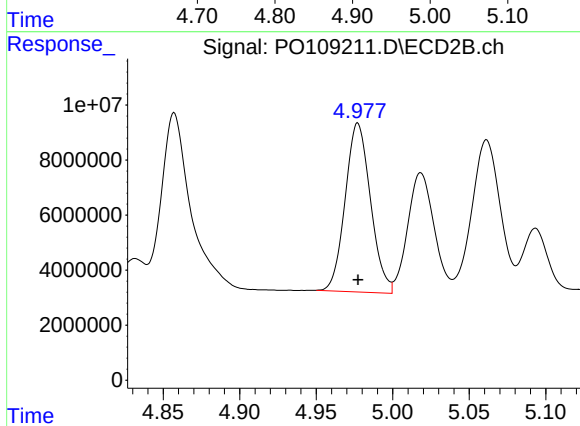
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 125314279
Conc: 635.41 ng/ml



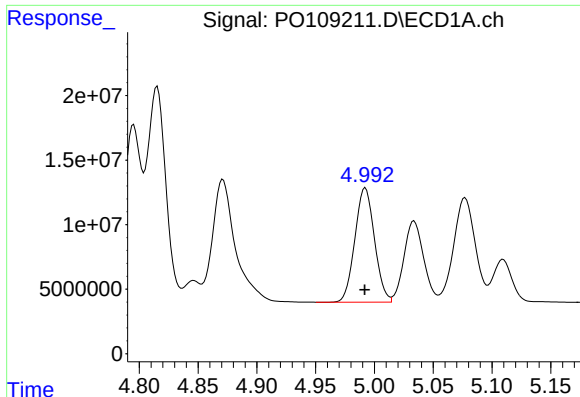
#18 AR-1242-3

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 130918658
Conc: 639.53 ng/ml



#18 AR-1242-3

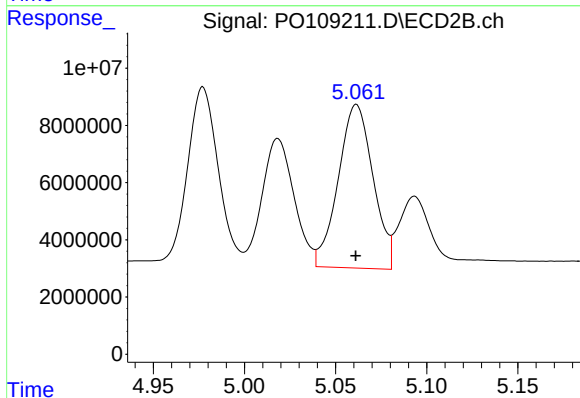
R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 70854362
Conc: 649.78 ng/ml



#19 AR-1242-4

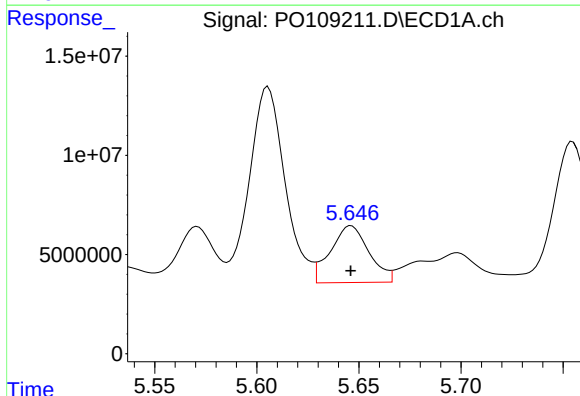
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 102719638
Conc: 646.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



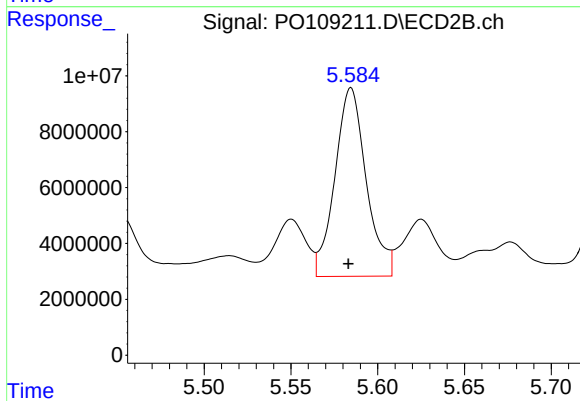
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 76209721
Conc: 670.60 ng/ml



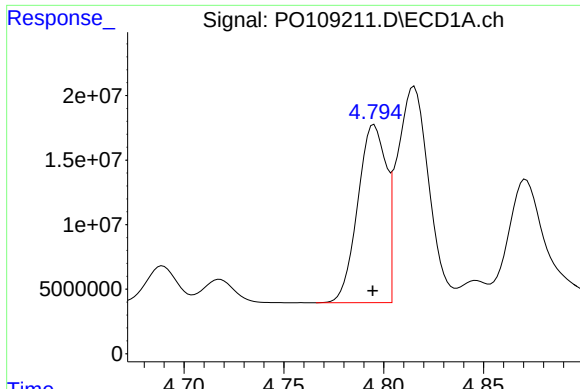
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 37649823
Conc: 225.41 ng/ml



#20 AR-1242-5

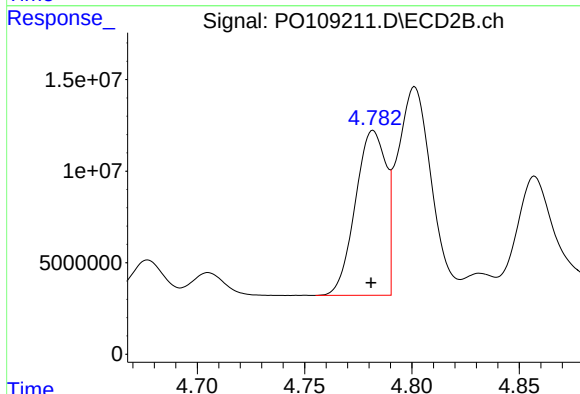
R.T.: 5.585 min
Delta R.T.: 0.001 min
Response: 85064092
Conc: 621.87 ng/ml



#21 AR-1248-1

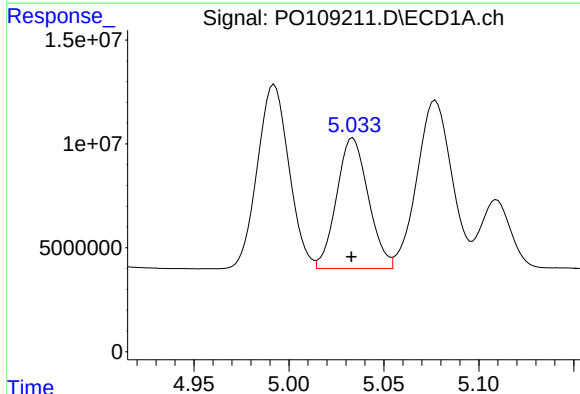
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 136408583
Conc: 854.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



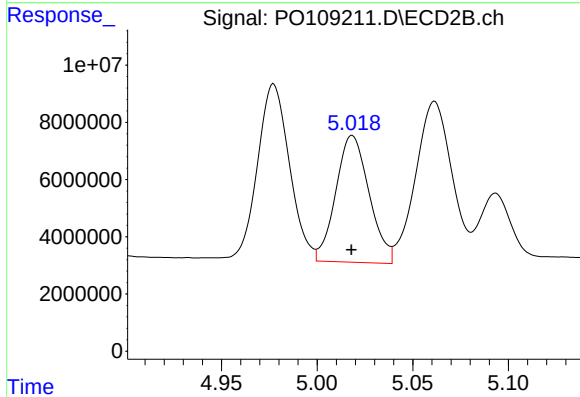
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: 0.001 min
Response: 89374286
Conc: 832.79 ng/ml



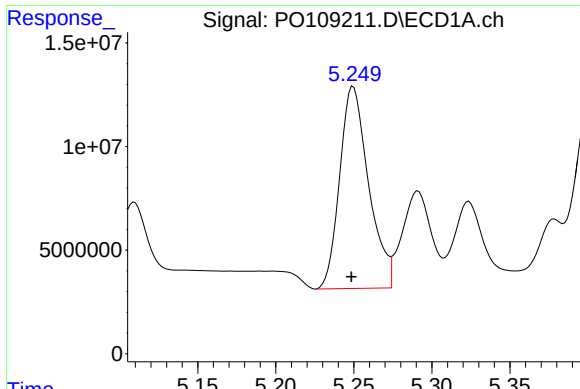
#22 AR-1248-2

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 73075842
Conc: 326.98 ng/ml



#22 AR-1248-2

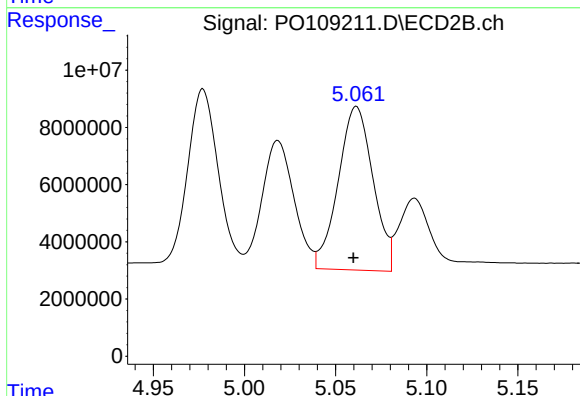
R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 53927721
Conc: 350.23 ng/ml



#23 AR-1248-3

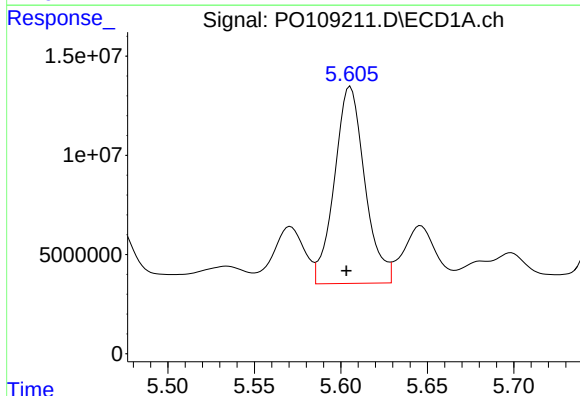
R.T.: 5.250 min
Delta R.T.: 0.001 min
Response: 125687122
Conc: 458.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



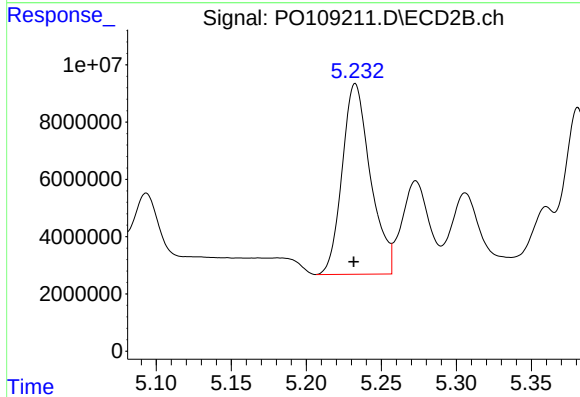
#23 AR-1248-3

R.T.: 5.061 min
Delta R.T.: 0.002 min
Response: 76209721
Conc: 460.83 ng/ml



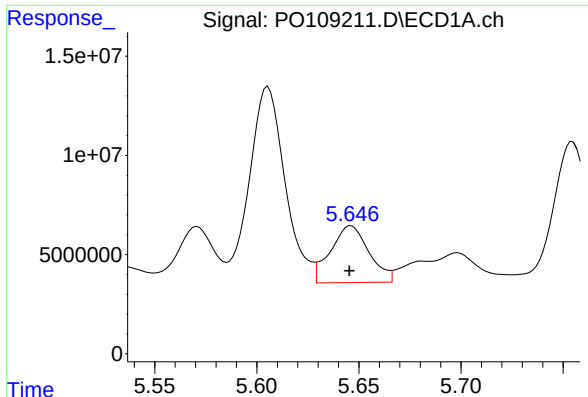
#24 AR-1248-4

R.T.: 5.606 min
Delta R.T.: 0.002 min
Response: 120870870
Conc: 314.32 ng/ml



#24 AR-1248-4

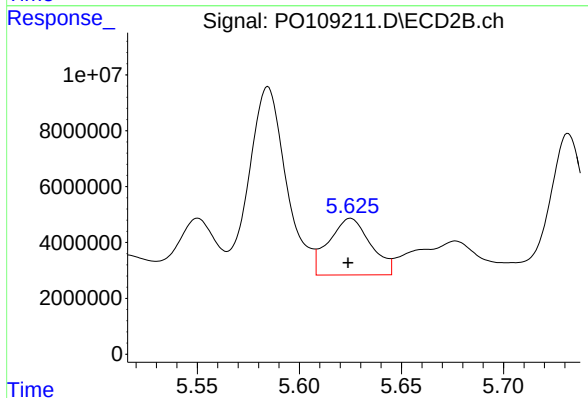
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 87213742
Conc: 455.41 ng/ml



#25 AR-1248-5

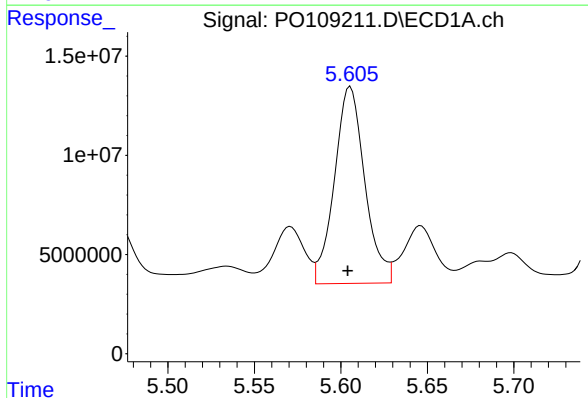
R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 37649823
Conc: 141.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



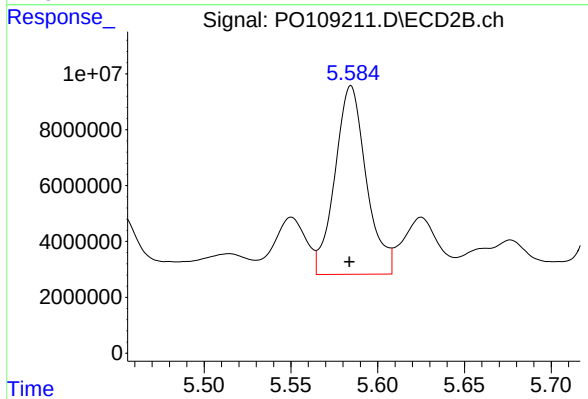
#25 AR-1248-5

R.T.: 5.625 min
Delta R.T.: 0.001 min
Response: 28919149
Conc: 157.85 ng/ml



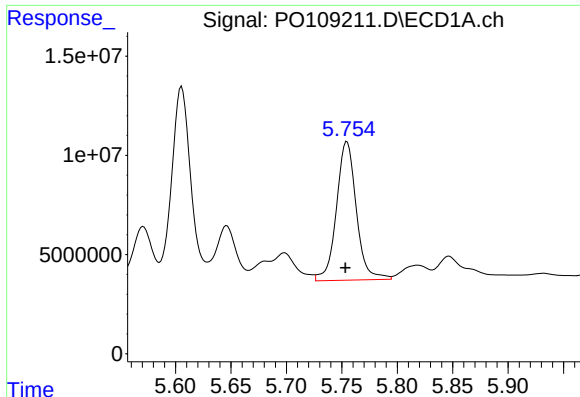
#26 AR-1254-1

R.T.: 5.606 min
Delta R.T.: 0.001 min
Response: 120870870
Conc: 292.29 ng/ml



#26 AR-1254-1

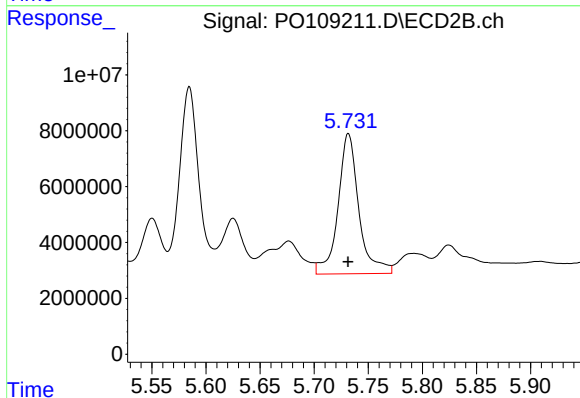
R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 85064092
Conc: 302.63 ng/ml



#27 AR-1254-2

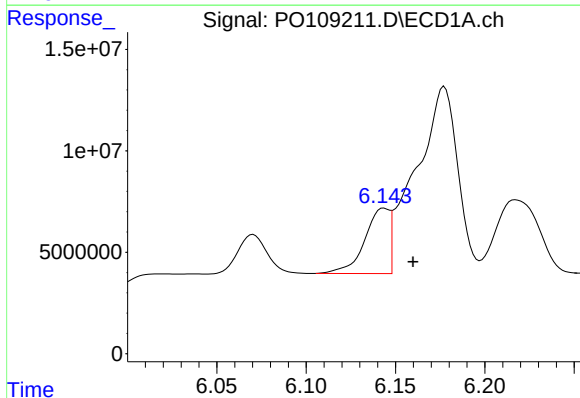
R.T.: 5.755 min
Delta R.T.: 0.001 min
Response: 87368052
Conc: 241.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



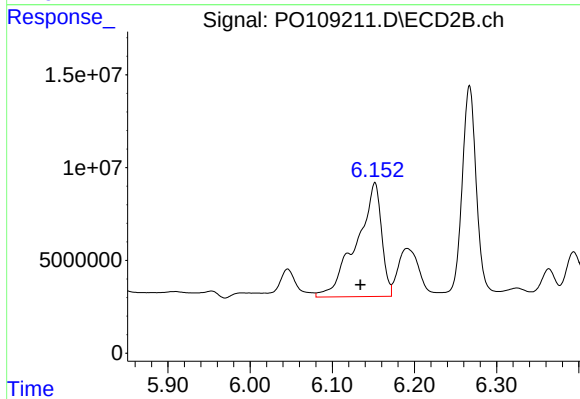
#27 AR-1254-2

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 67337010
Conc: 269.07 ng/ml



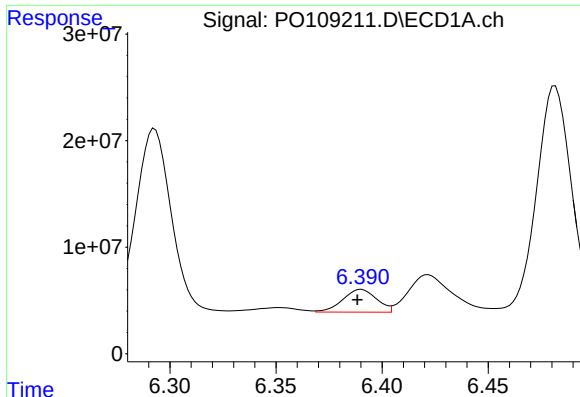
#28 AR-1254-3

R.T.: 6.144 min
Delta R.T.: -0.016 min
Response: 30966747
Conc: 54.89 ng/ml



#28 AR-1254-3

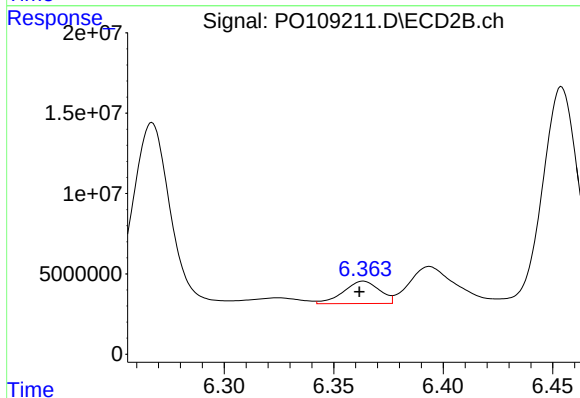
R.T.: 6.152 min
Delta R.T.: 0.018 min
Response: 130430572
Conc: 332.03 ng/ml



#29 AR-1254-4

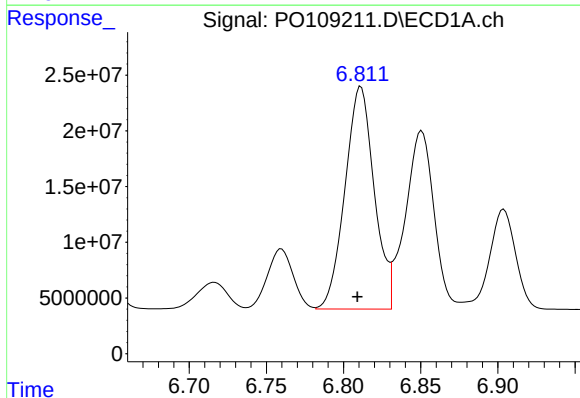
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 23622002
Conc: 68.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



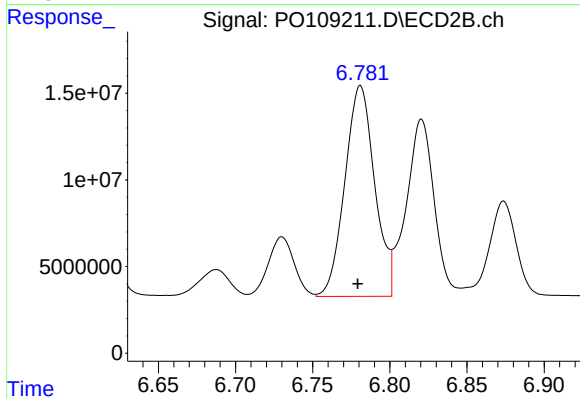
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 16030757
Conc: 72.75 ng/ml



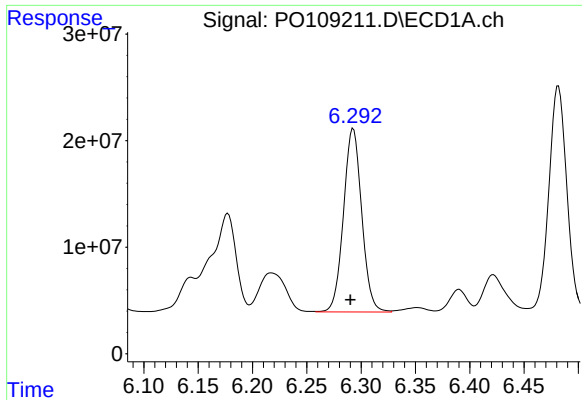
#30 AR-1254-5

R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 263033720
Conc: 512.64 ng/ml



#30 AR-1254-5

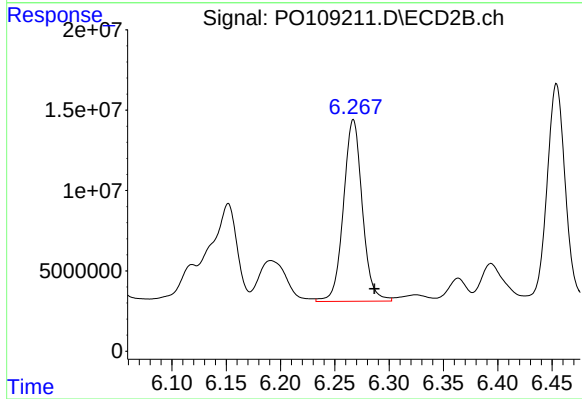
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 163577215
Conc: 500.67 ng/ml



#31 AR-1260-1

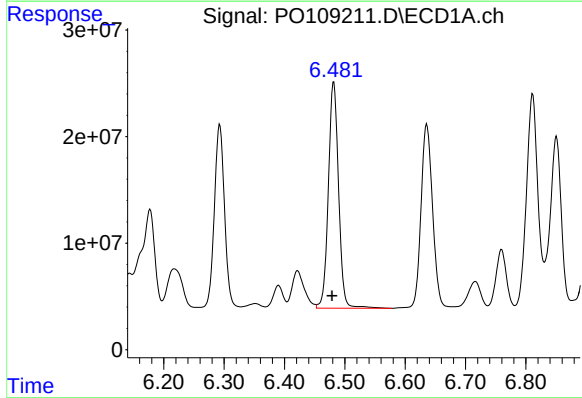
R.T.: 6.293 min
Delta R.T.: 0.003 min
Response: 201179051
Conc: 527.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



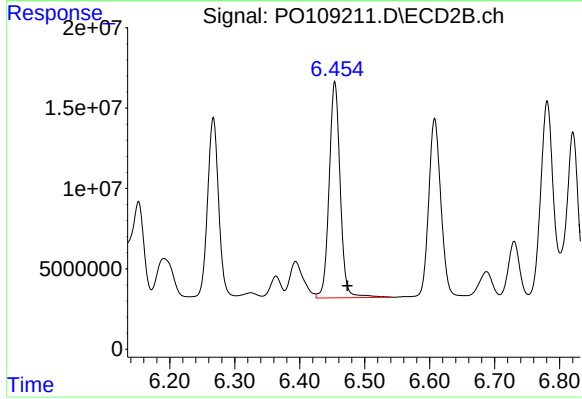
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.019 min
Response: 136823288
Conc: 542.84 ng/ml



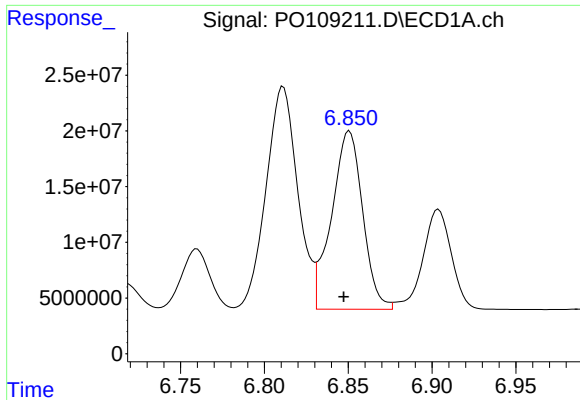
#32 AR-1260-2

R.T.: 6.482 min
Delta R.T.: 0.003 min
Response: 250432155
Conc: 533.31 ng/ml



#32 AR-1260-2

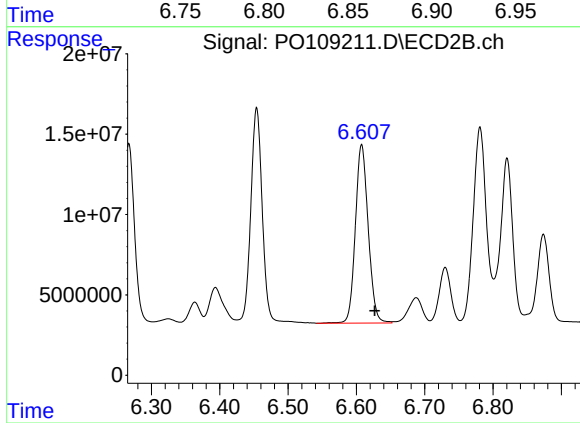
R.T.: 6.454 min
Delta R.T.: -0.019 min
Response: 159456752
Conc: 530.10 ng/ml



#33 AR-1260-3

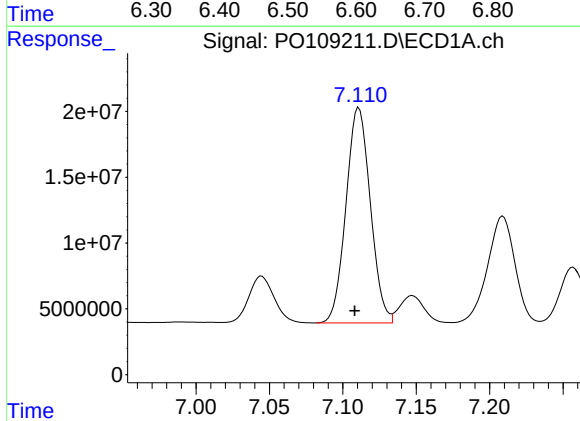
R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 206623746
Conc: 527.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



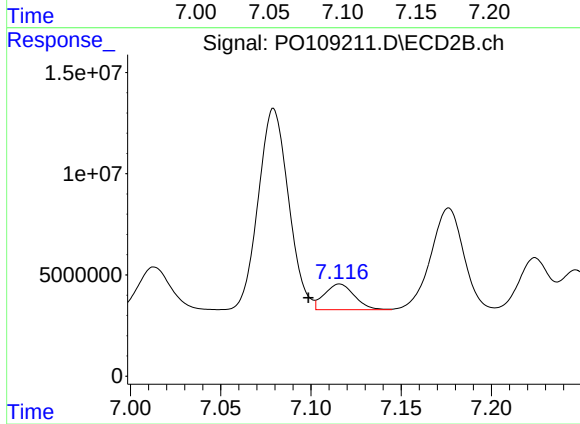
#33 AR-1260-3

R.T.: 6.608 min
Delta R.T.: -0.019 min
Response: 144901240
Conc: 520.50 ng/ml



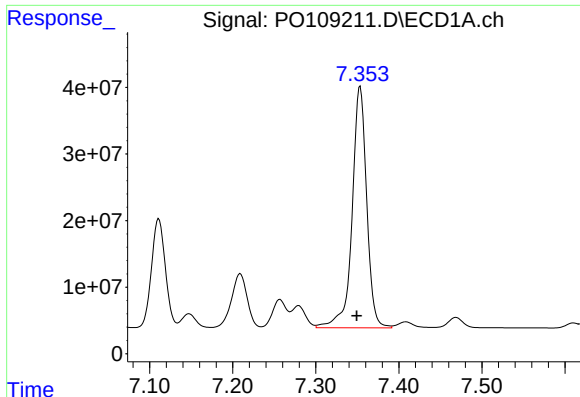
#34 AR-1260-4

R.T.: 7.111 min
Delta R.T.: 0.003 min
Response: 188918678
Conc: 527.77 ng/ml



#34 AR-1260-4

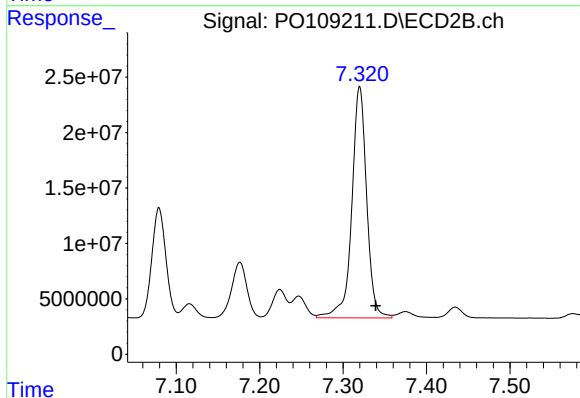
R.T.: 7.116 min
Delta R.T.: 0.017 min
Response: 14621606
Conc: 64.80 ng/ml



#35 AR-1260-5

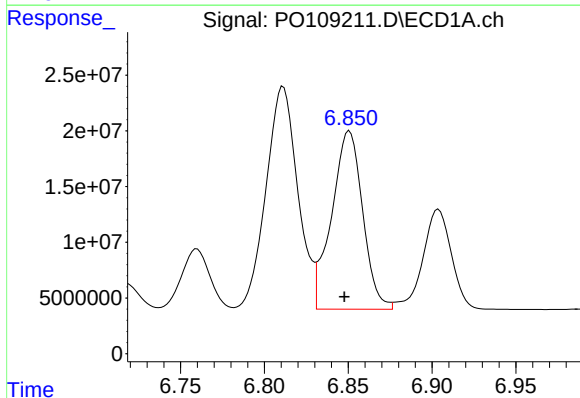
R.T.: 7.353 min
Delta R.T.: 0.004 min
Response: 442852661
Conc: 530.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



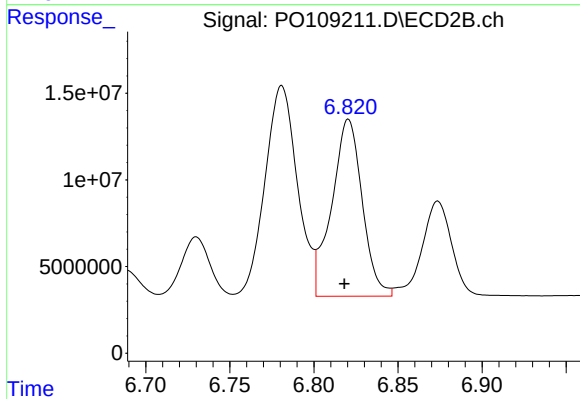
#35 AR-1260-5

R.T.: 7.320 min
Delta R.T.: -0.019 min
Response: 258829473
Conc: 516.96 ng/ml



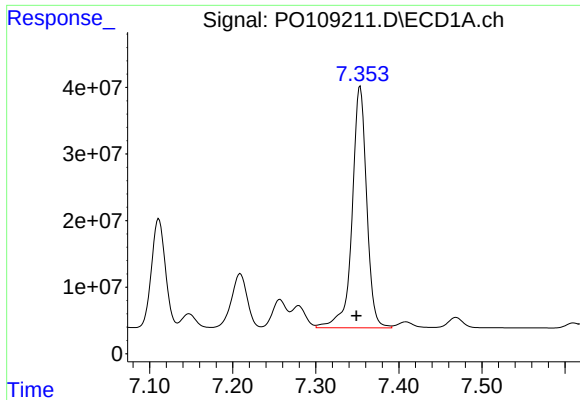
#36 AR-1262-1

R.T.: 6.851 min
Delta R.T.: 0.003 min
Response: 206623746
Conc: 386.92 ng/ml



#36 AR-1262-1

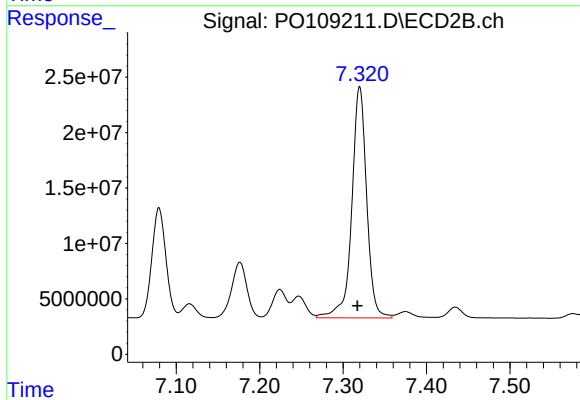
R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 129049455
Conc: 379.16 ng/ml



#37 AR-1262-2

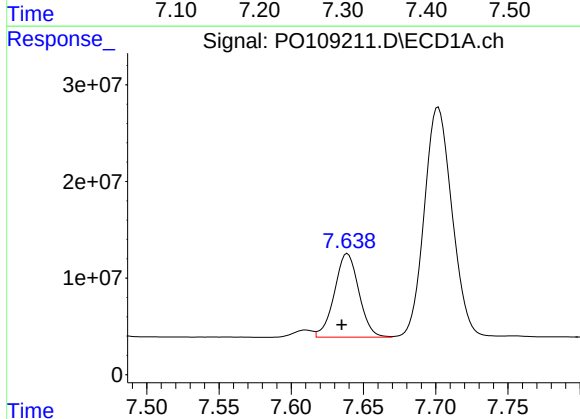
R.T.: 7.353 min
Delta R.T.: 0.005 min
Response: 442852661
Conc: 481.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



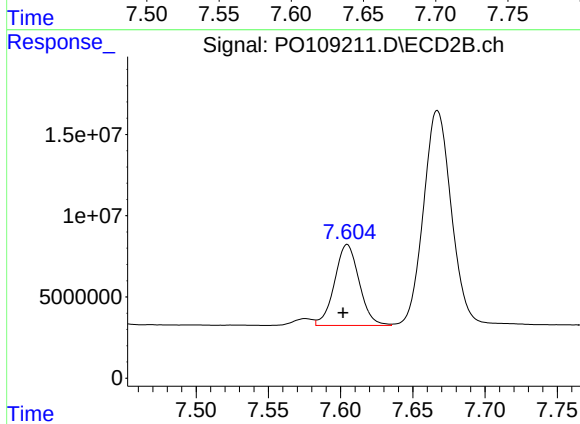
#37 AR-1262-2

R.T.: 7.320 min
Delta R.T.: 0.003 min
Response: 258829473
Conc: 466.69 ng/ml



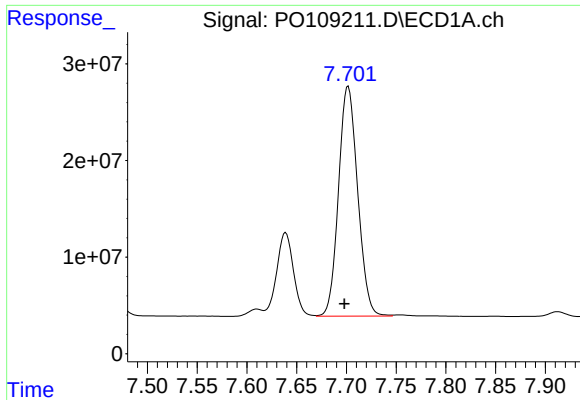
#38 AR-1262-3

R.T.: 7.639 min
Delta R.T.: 0.004 min
Response: 101784676
Conc: 279.19 ng/ml



#38 AR-1262-3

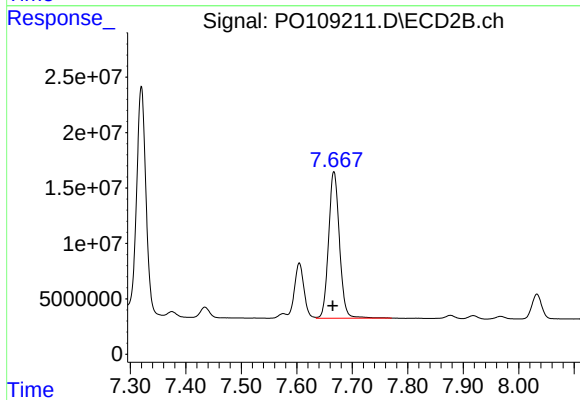
R.T.: 7.605 min
Delta R.T.: 0.003 min
Response: 59016368
Conc: 275.21 ng/ml



#39 AR-1262-4

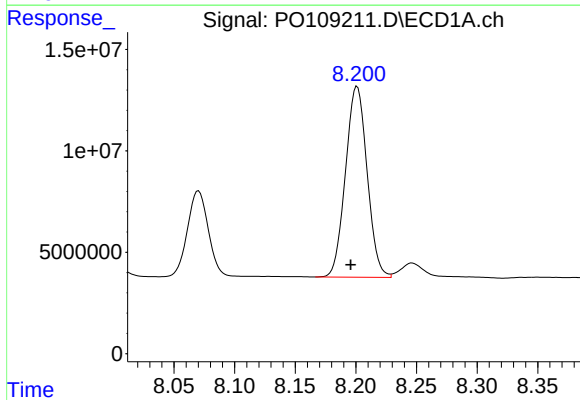
R.T.: 7.702 min
Delta R.T.: 0.004 min
Response: 318349318
Conc: 462.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



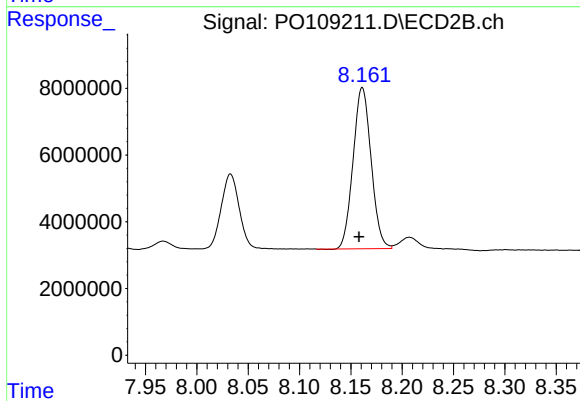
#39 AR-1262-4

R.T.: 7.667 min
Delta R.T.: 0.002 min
Response: 180035991
Conc: 459.41 ng/ml



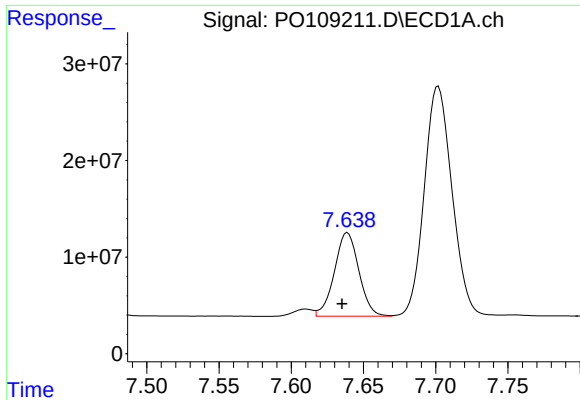
#40 AR-1262-5

R.T.: 8.201 min
Delta R.T.: 0.005 min
Response: 116812281
Conc: 386.64 ng/ml



#40 AR-1262-5

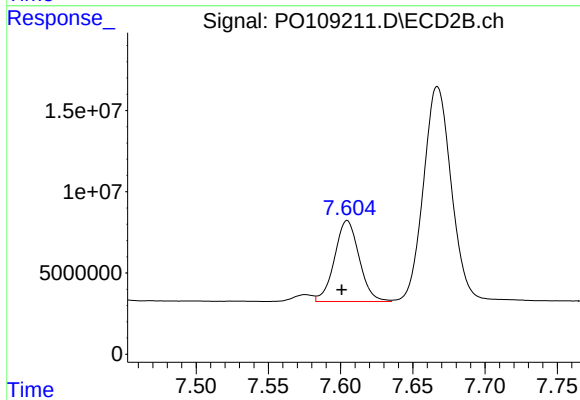
R.T.: 8.161 min
Delta R.T.: 0.003 min
Response: 59055667
Conc: 370.34 ng/ml



#41 AR-1268-1

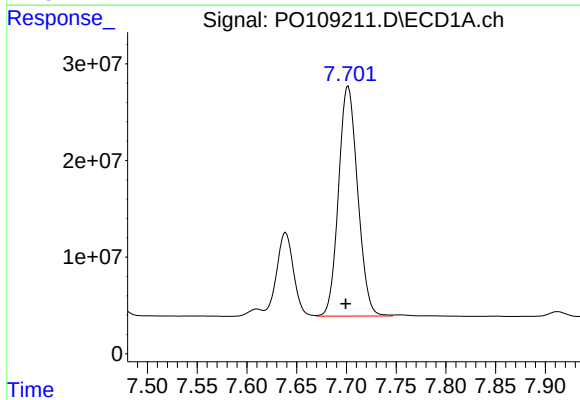
R.T.: 7.639 min
Delta R.T.: 0.004 min
Response: 101784676
Conc: 95.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



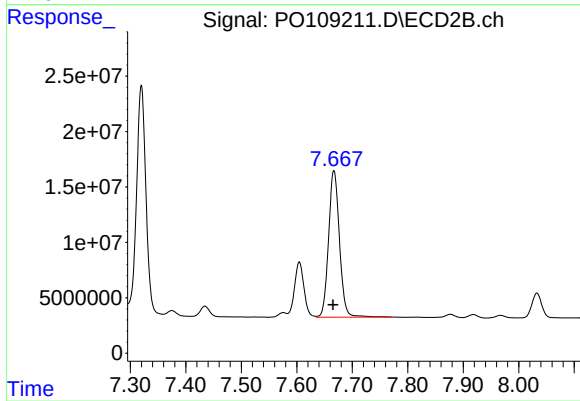
#41 AR-1268-1

R.T.: 7.605 min
Delta R.T.: 0.004 min
Response: 59016368
Conc: 93.75 ng/ml



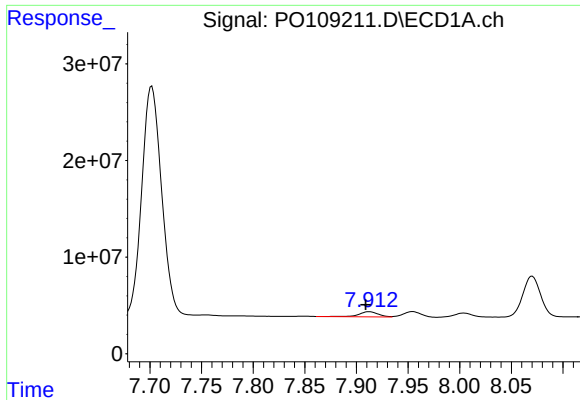
#42 AR-1268-2

R.T.: 7.702 min
Delta R.T.: 0.002 min
Response: 318349318
Conc: 328.50 ng/ml



#42 AR-1268-2

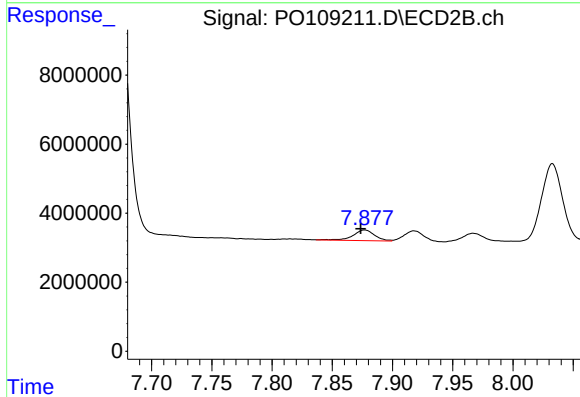
R.T.: 7.667 min
Delta R.T.: 0.002 min
Response: 180035991
Conc: 315.23 ng/ml



#43 AR-1268-3

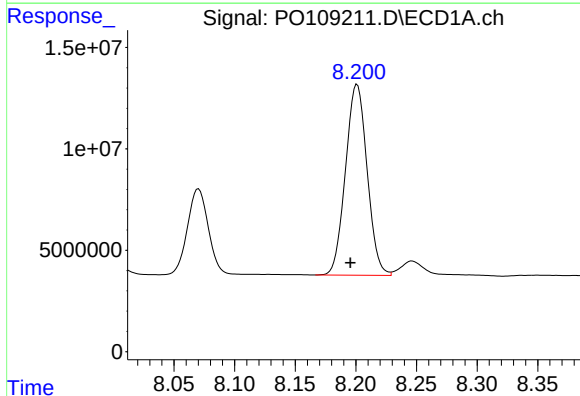
R.T.: 7.912 min
Delta R.T.: 0.003 min
Response: 6708859
Conc: 8.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



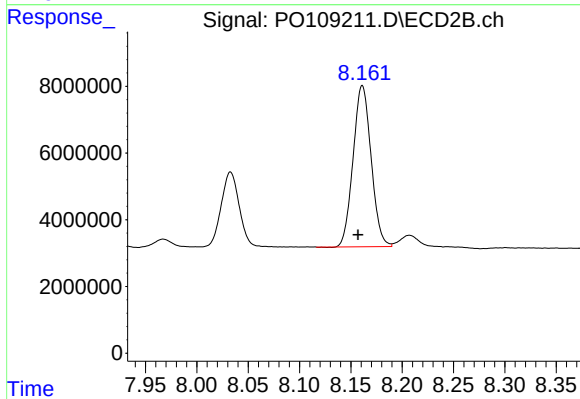
#43 AR-1268-3

R.T.: 7.877 min
Delta R.T.: 0.003 min
Response: 3921919
Conc: 8.52 ng/ml



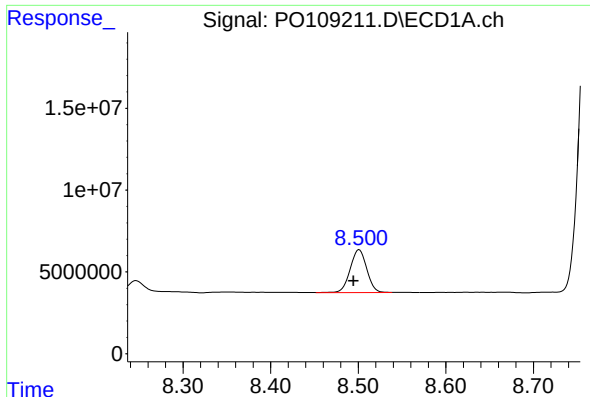
#44 AR-1268-4

R.T.: 8.201 min
Delta R.T.: 0.005 min
Response: 116812281
Conc: 340.99 ng/ml



#44 AR-1268-4

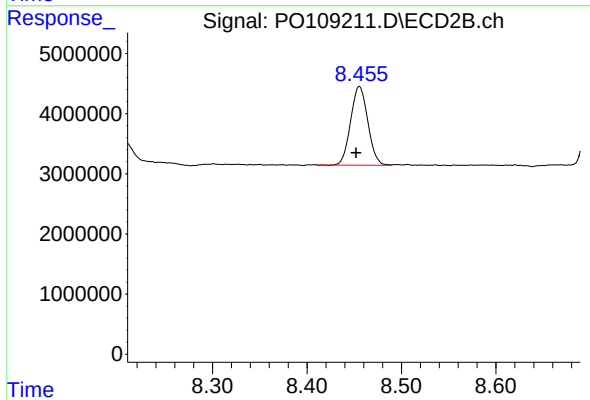
R.T.: 8.161 min
Delta R.T.: 0.004 min
Response: 59055667
Conc: 327.16 ng/ml



#45 AR-1268-5

R.T.: 8.501 min
Delta R.T.: 0.006 min
Response: 34647627
Conc: 14.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: 0.004 min
Response: 16559319
Conc: 13.84 ng/ml