

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030124\
 Data File : P0102281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2024 18:33
 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: Mar 02 00:37:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022324.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Feb 25 11:24:58 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...	4.275	3.389	237.6E6	158.3E6	51.237	48.715
2)	SA Decachlor...	9.816	8.258	136.3E6	93518376	53.519	45.205
Target Compounds							
3)	L1 AR-1016-1	5.419	4.442	66263613	46962034	513.452	511.775
4)	L1 AR-1016-2	5.441	4.459	97154592	68497139	507.907	510.991
5)	L1 AR-1016-3	5.502	4.631	62209205	39027595	503.832	529.219
6)	L1 AR-1016-4	5.599	4.672	50135212	32196496	511.191	510.852
7)	L1 AR-1016-5	5.889	4.880	49581550	39406626	511.610	500.391
8)	L2 AR-1221-1	4.477	3.595	8524142	5706407	173.948	162.059
9)	L2 AR-1221-2	4.565	3.679	12298262	7957520	340.167	306.900
10)	L2 AR-1221-3	4.638	3.752	39963621	25237510	372.740	337.301
11)	L3 AR-1232-1	4.638	3.752	39963621	25237510	412.867	374.457
12)	L3 AR-1232-2	5.156	4.459	54770854	68497139	1008.806	1033.299
13)	L3 AR-1232-3	5.441	4.631	97154592	39027595	1053.451	1092.742
14)	L3 AR-1232-4	5.599	4.713	50135212	39350313	1069.856	1142.770
15)	L3 AR-1232-5	5.689	4.880	45300803	39406626	1283.989	1094.191
16)	L4 AR-1242-1	5.419	4.442	66263613	46962034	674.409	664.920
17)	L4 AR-1242-2	5.441	4.459	97154592	68497139	668.996	674.701
18)	L4 AR-1242-3	5.502	4.631	62209205	39027595	671.961	694.642
19)	L4 AR-1242-4	5.599	4.713	50135212	39350313	679.340	657.872
20)	L4 AR-1242-5	6.325	5.224	13302426	37491040	189.971	567.981 #
21)	L5 AR-1248-1	5.419	4.442	66263613	46962034	886.594	851.750
22)	L5 AR-1248-2	5.689	4.672	45300803	32196496	390.500	383.600
23)	L5 AR-1248-3	5.889	4.713	49581550	39350313	406.790	448.162
24)	L5 AR-1248-4	6.287	4.880	14909728	39406626	123.554	391.296 #
25)	L5 AR-1248-5	6.325	5.265	13302426	9576746	111.460	109.530
26)	L6 AR-1254-1	6.260	5.224	40151545	37491040	298.919	257.637
27)	L6 AR-1254-2	6.476	5.369	34367885	27403556	174.334	212.419
28)	L6 AR-1254-3	6.839	5.780	15188346	48585970	78.330	248.770 #
29)	L6 AR-1254-4	7.120	5.991	8547756	3661598	69.002	34.006 #
30)	L6 AR-1254-5	7.534	6.402	96267429	85067860	685.680	520.351
31)	L7 AR-1260-1	7.000	5.893	79470206	71057159	489.075	479.798
32)	L7 AR-1260-2	7.253	6.080	83799441	83189368	469.905	484.624
33)	L7 AR-1260-3	7.609	6.229	64226373	76586185	493.557	463.236
34)	L7 AR-1260-4	7.832	6.694	71215951	61509770	501.363	481.922
35)	L7 AR-1260-5	8.137	6.935	129.5E6	136.0E6	490.287	496.766
36)	L8 AR-1262-1	7.534	6.438	96267429	68147624	671.521	622.381
37)	L8 AR-1262-2	8.137	6.731	129.5E6	5880503	368.880	30.545 #
38)	L8 AR-1262-3	8.443	7.212	85509830	28407402	361.356	192.209 #
39)	L8 AR-1262-4	8.513	7.275	23825085	96089293	130.501	362.811 #
40)	L8 AR-1262-5	9.125	7.810	38168118	1405080	326.596	12.619 #
41)	L9 AR-1268-1	8.443	7.212	85509830	28407402	242.772	80.083 #

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Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

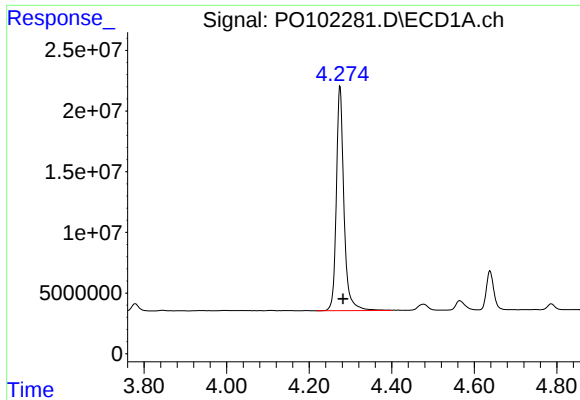
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 00:37:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022324.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Feb 25 11:24:58 2024
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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	8.513	7.275	23825085	96089293	75.318	296.766 #
43)	L9 AR-1268-3	8.729	7.476	2245820	1368572	7.939	4.995 #
44)	L9 AR-1268-4	9.125	8.034	38168118	8603920	362.209	11.117 #
45)	L9 AR-1268-5	9.507	8.258	11391487	93518376	12.870	257.812 #

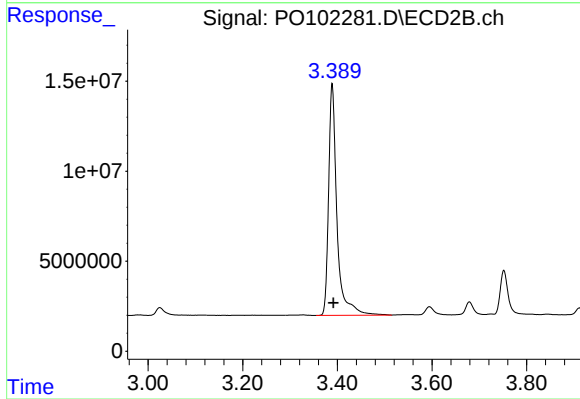
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

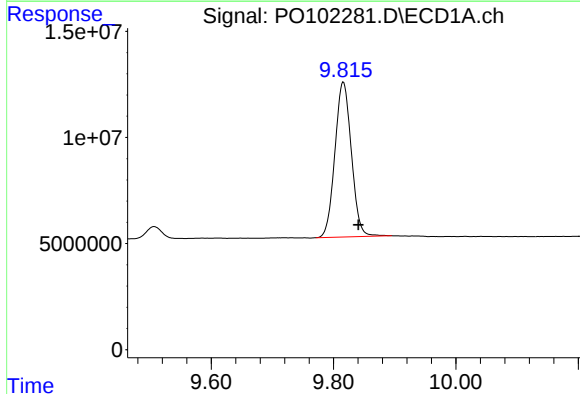
R.T.: 4.275 min
Delta R.T.: -0.007 min
Response: 237616635
Conc: 51.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



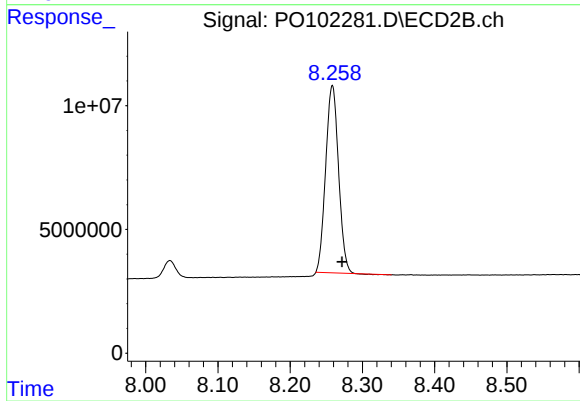
#1 Tetrachloro-m-xylene

R.T.: 3.389 min
Delta R.T.: -0.003 min
Response: 158298188
Conc: 48.72 ng/ml



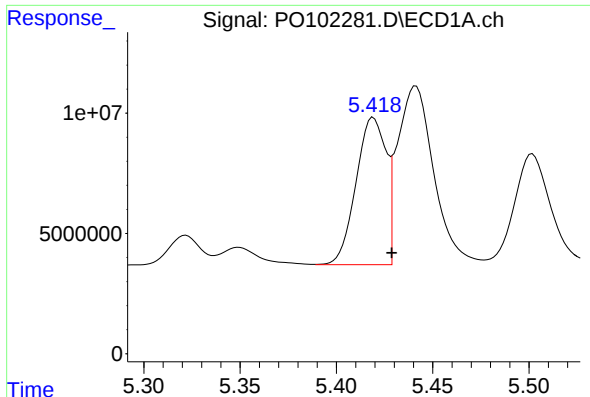
#2 Decachlorobiphenyl

R.T.: 9.816 min
Delta R.T.: -0.025 min
Response: 136281935
Conc: 53.52 ng/ml



#2 Decachlorobiphenyl

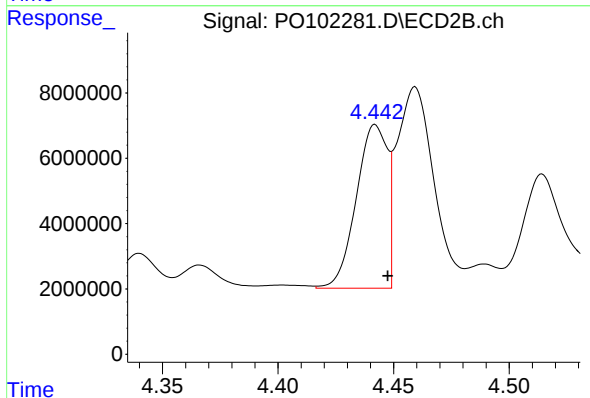
R.T.: 8.258 min
Delta R.T.: -0.013 min
Response: 93518376
Conc: 45.20 ng/ml



#3 AR-1016-1

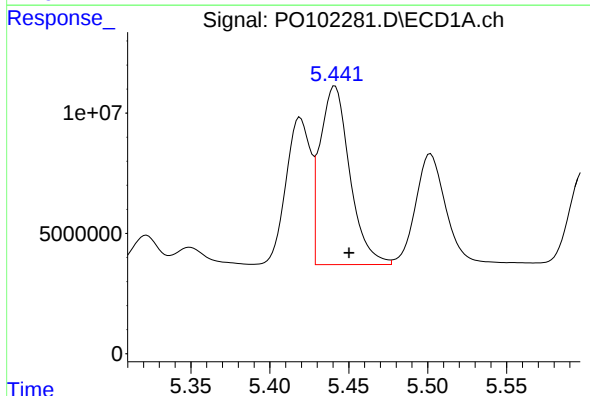
R.T.: 5.419 min
Delta R.T.: -0.010 min
Response: 66263613
Conc: 513.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



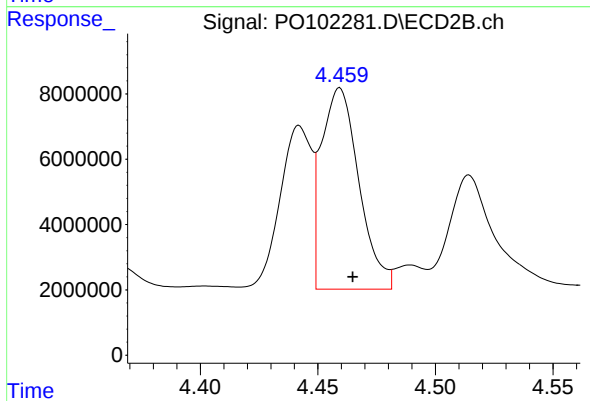
#3 AR-1016-1

R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 46962034
Conc: 511.78 ng/ml



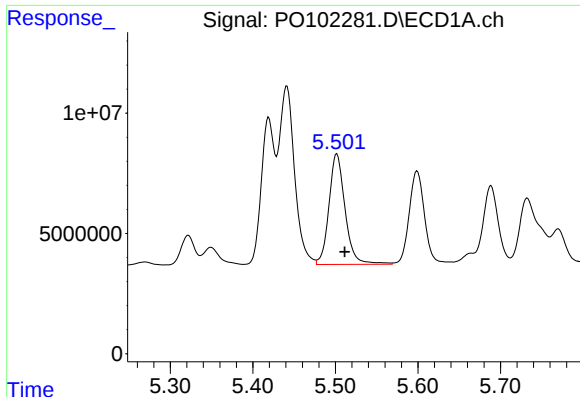
#4 AR-1016-2

R.T.: 5.441 min
Delta R.T.: -0.009 min
Response: 97154592
Conc: 507.91 ng/ml



#4 AR-1016-2

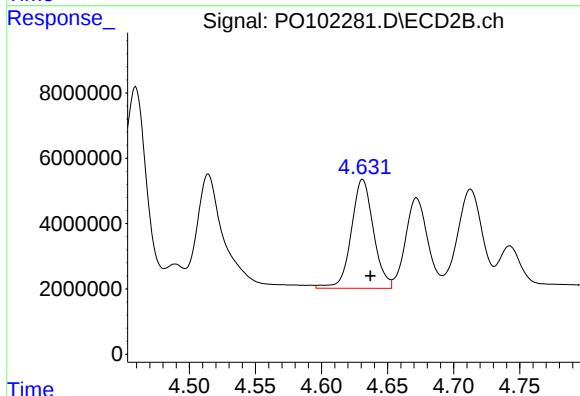
R.T.: 4.459 min
Delta R.T.: -0.005 min
Response: 68497139
Conc: 510.99 ng/ml



#5 AR-1016-3

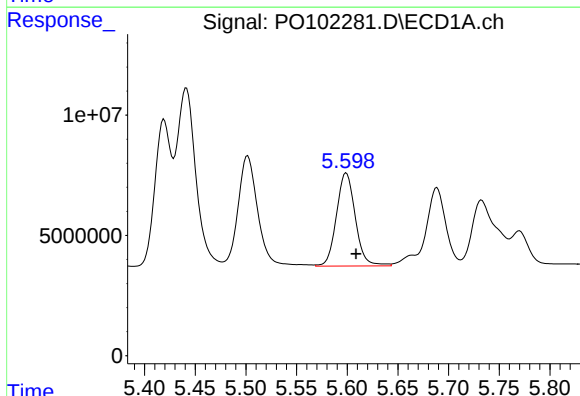
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 62209205
Conc: 503.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



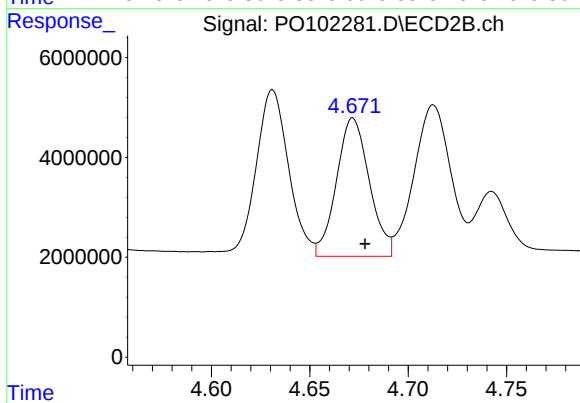
#5 AR-1016-3

R.T.: 4.631 min
Delta R.T.: -0.006 min
Response: 39027595
Conc: 529.22 ng/ml



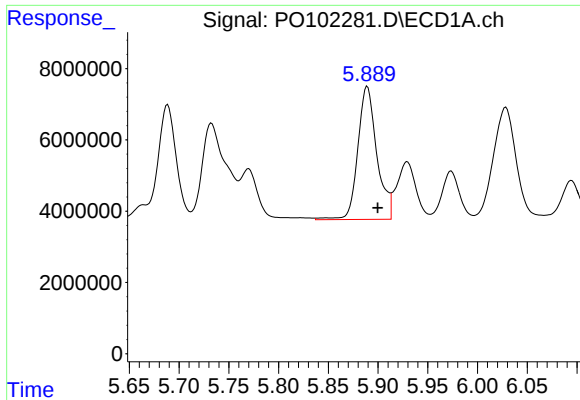
#6 AR-1016-4

R.T.: 5.599 min
Delta R.T.: -0.010 min
Response: 50135212
Conc: 511.19 ng/ml



#6 AR-1016-4

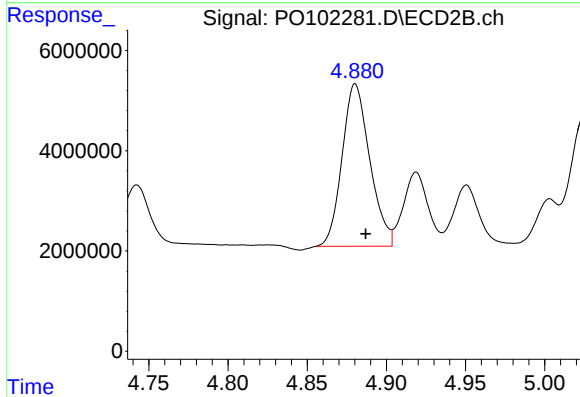
R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 32196496
Conc: 510.85 ng/ml



#7 AR-1016-5

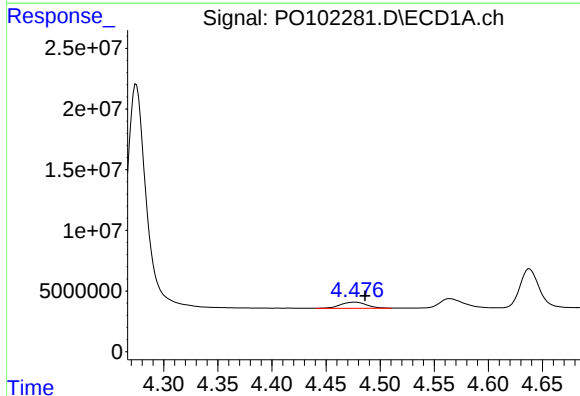
R.T.: 5.889 min
Delta R.T.: -0.011 min
Response: 49581550
Conc: 511.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



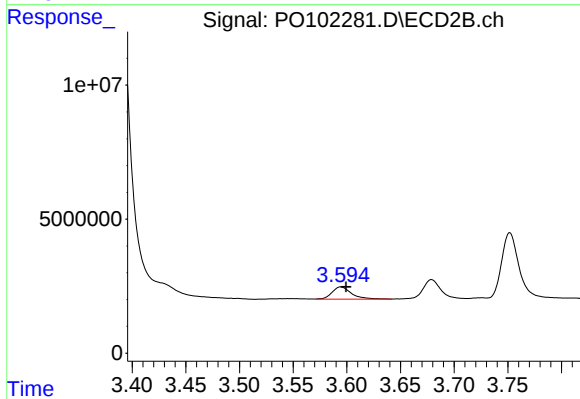
#7 AR-1016-5

R.T.: 4.880 min
Delta R.T.: -0.007 min
Response: 39406626
Conc: 500.39 ng/ml



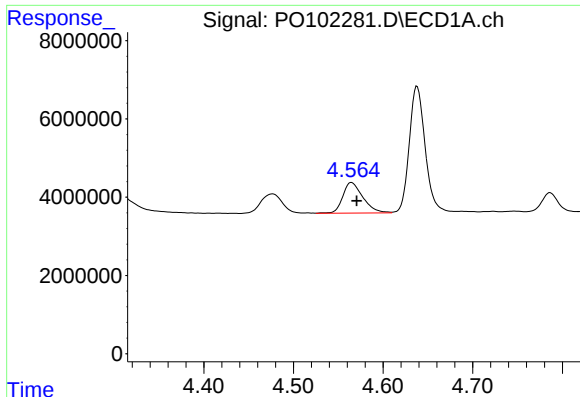
#8 AR-1221-1

R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 8524142
Conc: 173.95 ng/ml



#8 AR-1221-1

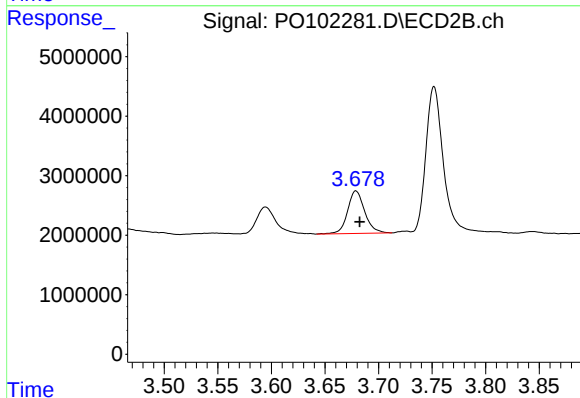
R.T.: 3.595 min
Delta R.T.: -0.005 min
Response: 5706407
Conc: 162.06 ng/ml



#9 AR-1221-2

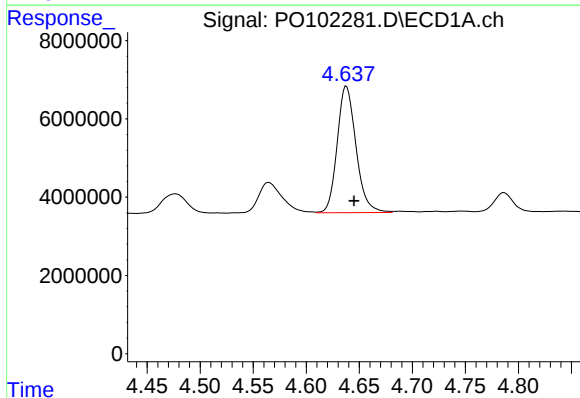
R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 12298262
Conc: 340.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



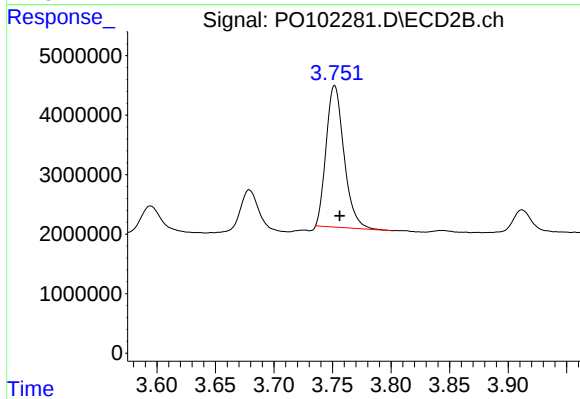
#9 AR-1221-2

R.T.: 3.679 min
Delta R.T.: -0.003 min
Response: 7957520
Conc: 306.90 ng/ml



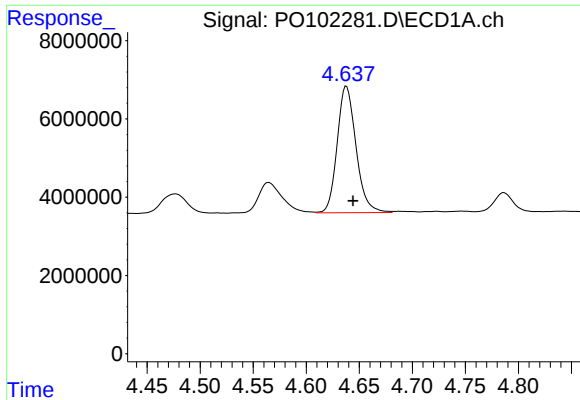
#10 AR-1221-3

R.T.: 4.638 min
Delta R.T.: -0.007 min
Response: 39963621
Conc: 372.74 ng/ml



#10 AR-1221-3

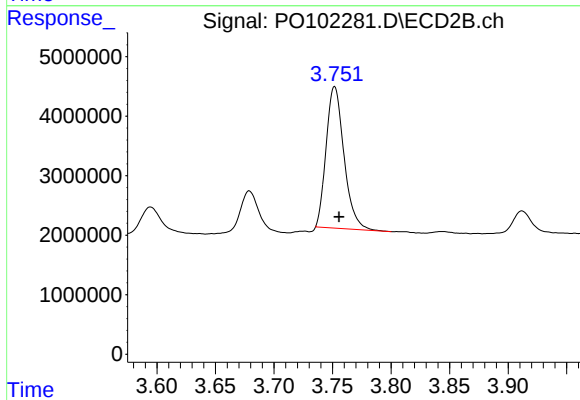
R.T.: 3.752 min
Delta R.T.: -0.004 min
Response: 25237510
Conc: 337.30 ng/ml



#11 AR-1232-1

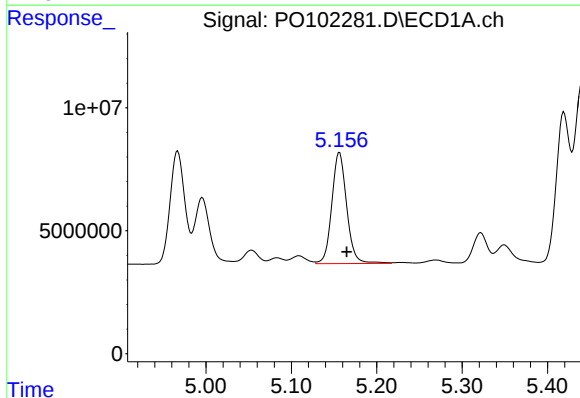
R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 39963621
Conc: 412.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



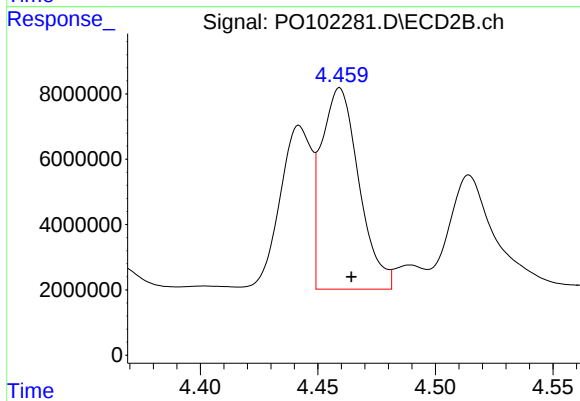
#11 AR-1232-1

R.T.: 3.752 min
Delta R.T.: -0.004 min
Response: 25237510
Conc: 374.46 ng/ml



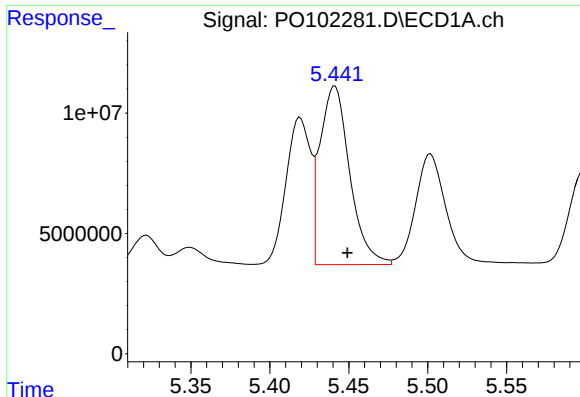
#12 AR-1232-2

R.T.: 5.156 min
Delta R.T.: -0.008 min
Response: 54770854
Conc: 1008.81 ng/ml



#12 AR-1232-2

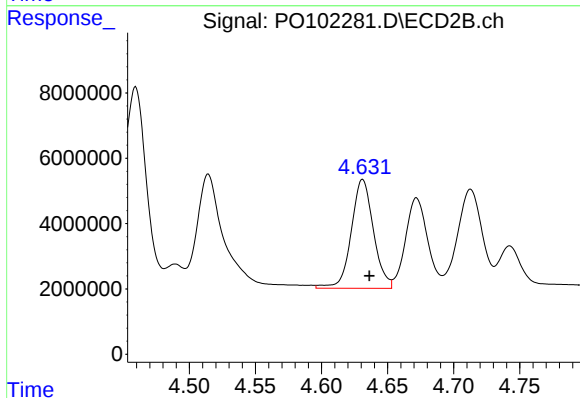
R.T.: 4.459 min
Delta R.T.: -0.005 min
Response: 68497139
Conc: 1033.30 ng/ml



#13 AR-1232-3

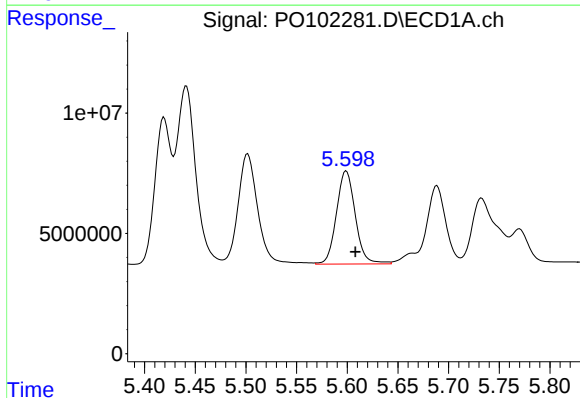
R.T.: 5.441 min
Delta R.T.: -0.008 min
Response: 97154592
Conc: 1053.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



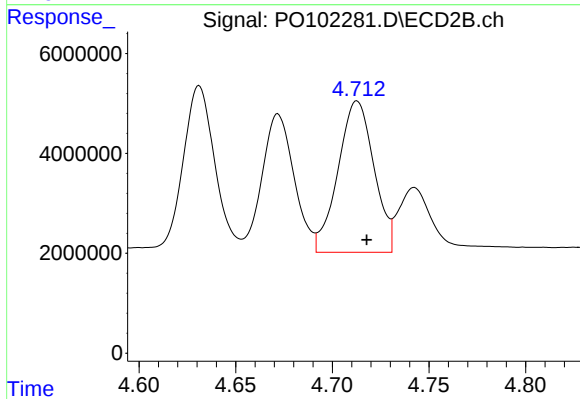
#13 AR-1232-3

R.T.: 4.631 min
Delta R.T.: -0.005 min
Response: 39027595
Conc: 1092.74 ng/ml



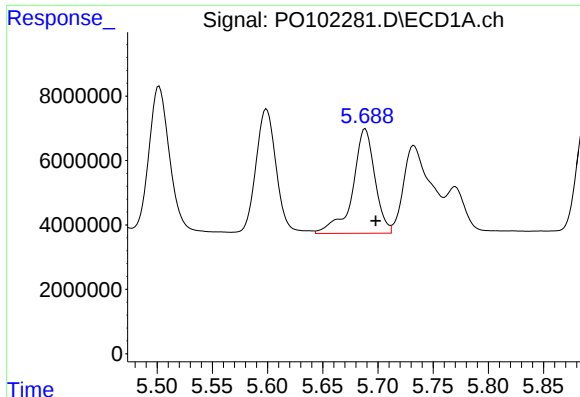
#14 AR-1232-4

R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 50135212
Conc: 1069.86 ng/ml



#14 AR-1232-4

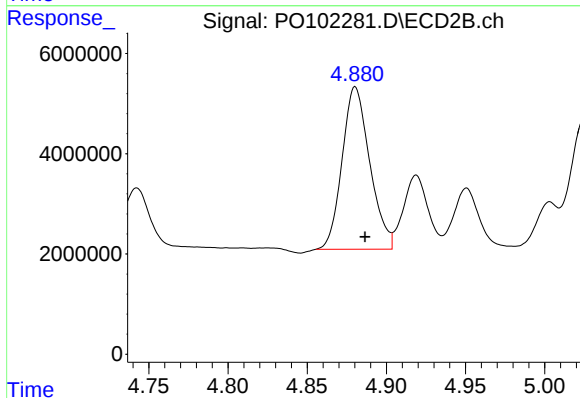
R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 39350313
Conc: 1142.77 ng/ml



#15 AR-1232-5

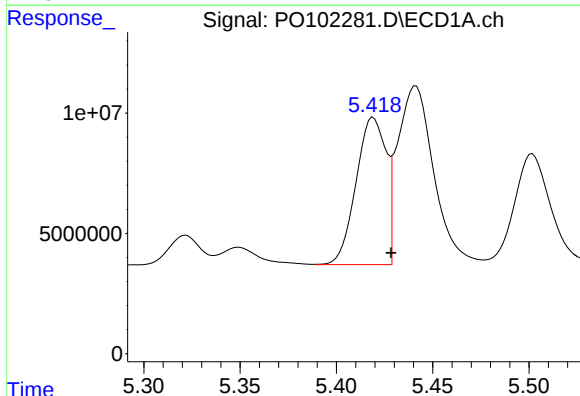
R.T.: 5.689 min
Delta R.T.: -0.010 min
Response: 45300803
Conc: 1283.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



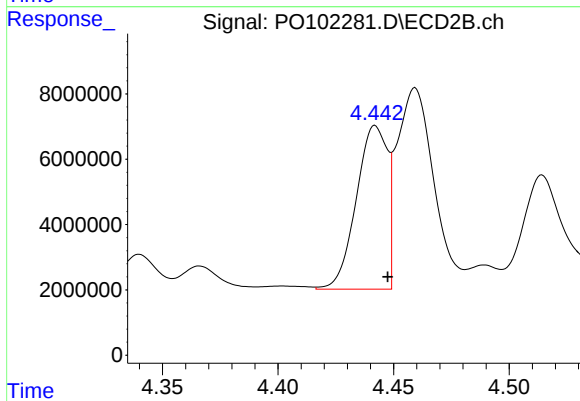
#15 AR-1232-5

R.T.: 4.880 min
Delta R.T.: -0.006 min
Response: 39406626
Conc: 1094.19 ng/ml



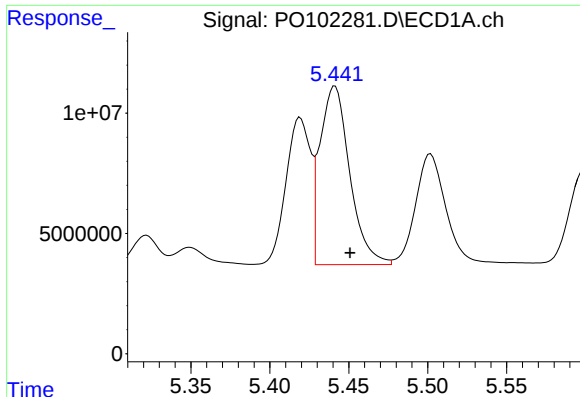
#16 AR-1242-1

R.T.: 5.419 min
Delta R.T.: -0.009 min
Response: 66263613
Conc: 674.41 ng/ml



#16 AR-1242-1

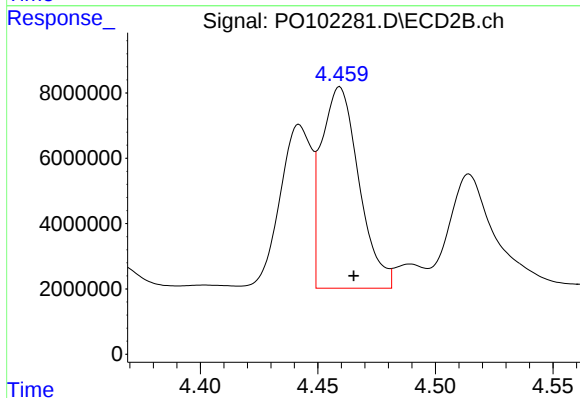
R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 46962034
Conc: 664.92 ng/ml



#17 AR-1242-2

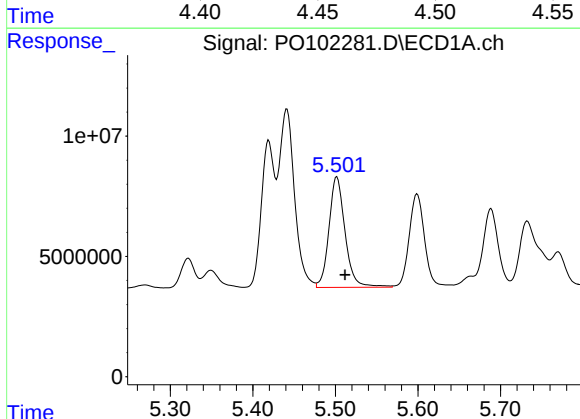
R.T.: 5.441 min
Delta R.T.: -0.010 min
Response: 97154592
Conc: 669.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



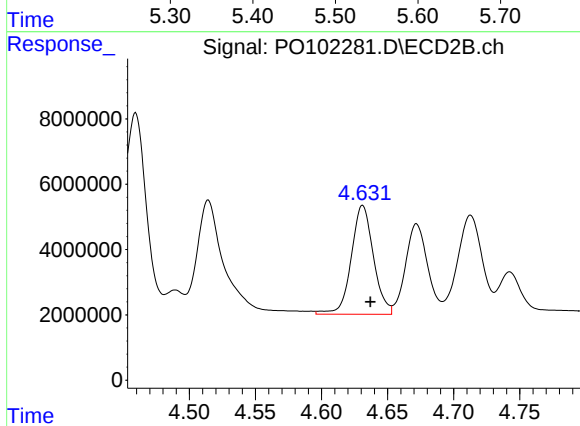
#17 AR-1242-2

R.T.: 4.459 min
Delta R.T.: -0.006 min
Response: 68497139
Conc: 674.70 ng/ml



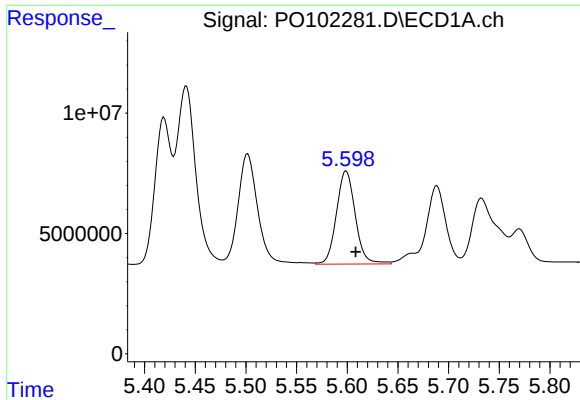
#18 AR-1242-3

R.T.: 5.502 min
Delta R.T.: -0.010 min
Response: 62209205
Conc: 671.96 ng/ml



#18 AR-1242-3

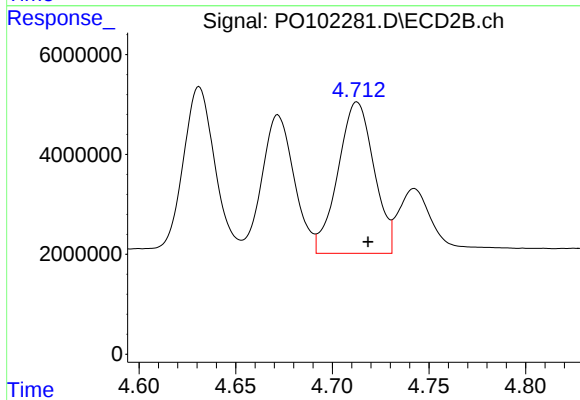
R.T.: 4.631 min
Delta R.T.: -0.006 min
Response: 39027595
Conc: 694.64 ng/ml



#19 AR-1242-4

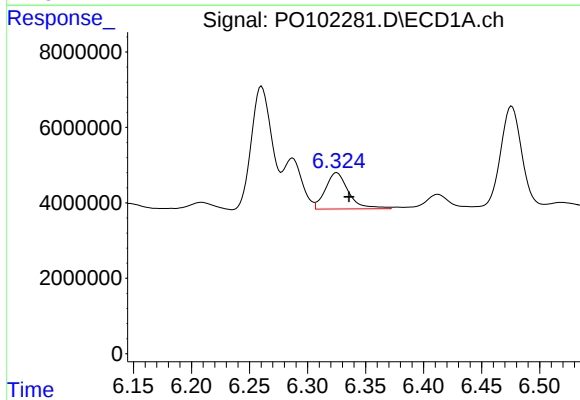
R.T.: 5.599 min
Delta R.T.: -0.009 min
Response: 50135212
Conc: 679.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



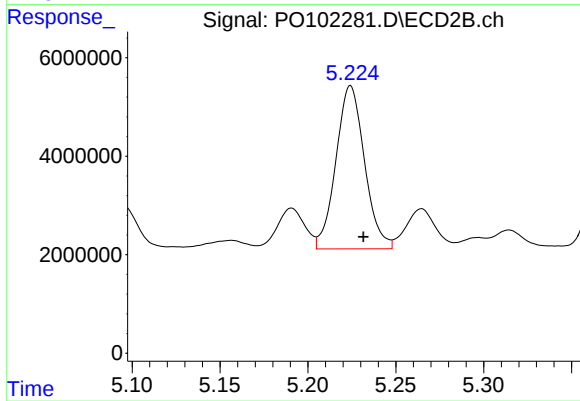
#19 AR-1242-4

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 39350313
Conc: 657.87 ng/ml



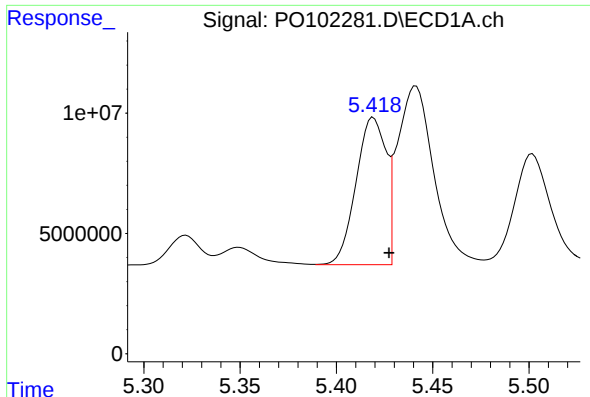
#20 AR-1242-5

R.T.: 6.325 min
Delta R.T.: -0.011 min
Response: 13302426
Conc: 189.97 ng/ml



#20 AR-1242-5

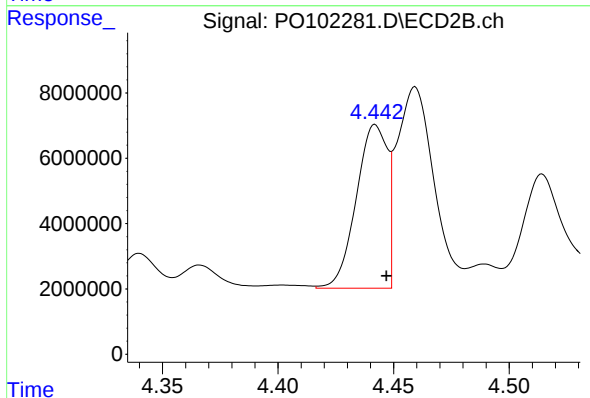
R.T.: 5.224 min
Delta R.T.: -0.007 min
Response: 37491040
Conc: 567.98 ng/ml



#21 AR-1248-1

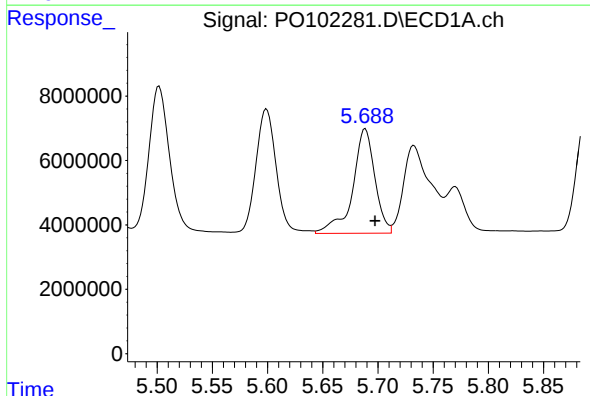
R.T.: 5.419 min
Delta R.T.: -0.008 min
Response: 66263613
Conc: 886.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



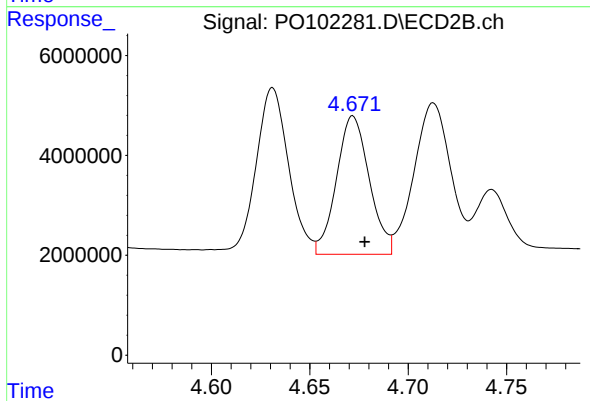
#21 AR-1248-1

R.T.: 4.442 min
Delta R.T.: -0.005 min
Response: 46962034
Conc: 851.75 ng/ml



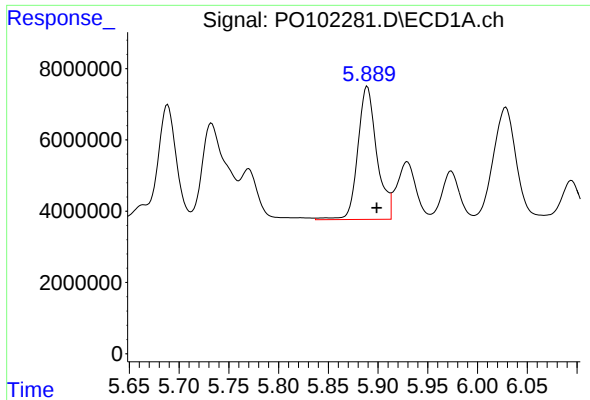
#22 AR-1248-2

R.T.: 5.689 min
Delta R.T.: -0.009 min
Response: 45300803
Conc: 390.50 ng/ml



#22 AR-1248-2

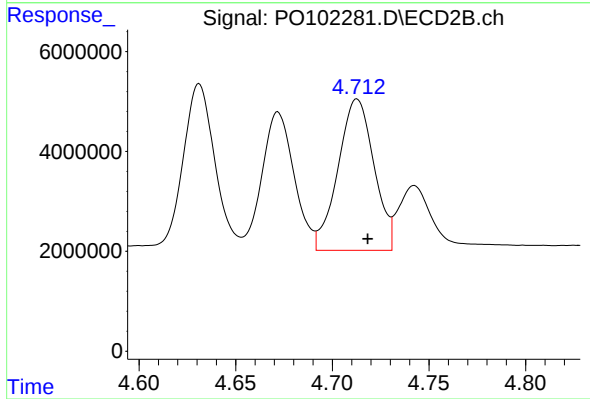
R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 32196496
Conc: 383.60 ng/ml



#23 AR-1248-3

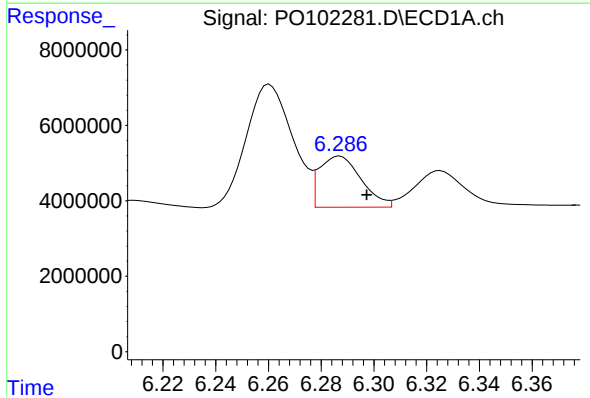
R.T.: 5.889 min
Delta R.T.: -0.009 min
Response: 49581550
Conc: 406.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



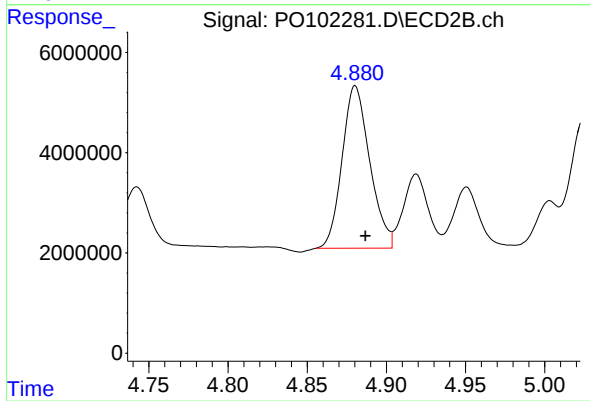
#23 AR-1248-3

R.T.: 4.713 min
Delta R.T.: -0.006 min
Response: 39350313
Conc: 448.16 ng/ml



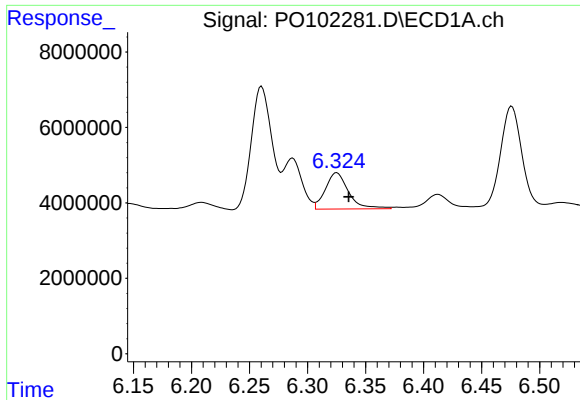
#24 AR-1248-4

R.T.: 6.287 min
Delta R.T.: -0.010 min
Response: 14909728
Conc: 123.55 ng/ml



#24 AR-1248-4

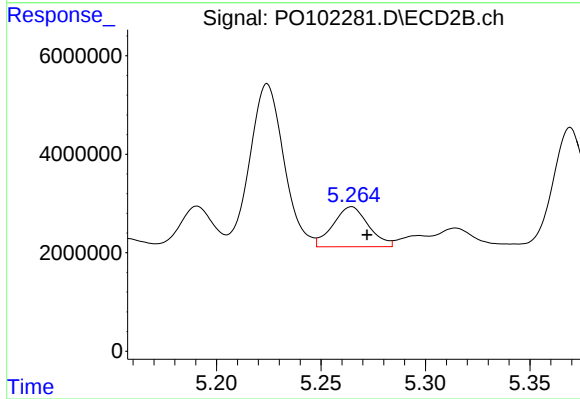
R.T.: 4.880 min
Delta R.T.: -0.006 min
Response: 39406626
Conc: 391.30 ng/ml



#25 AR-1248-5

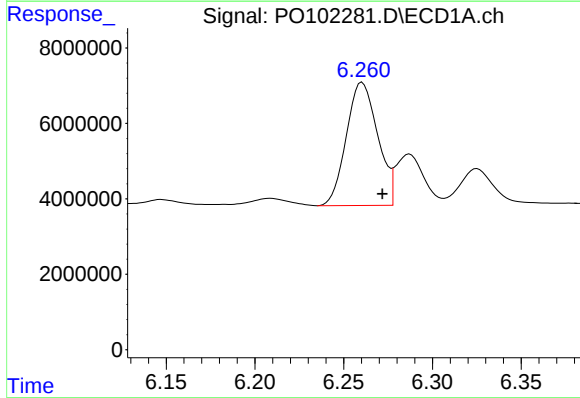
R.T.: 6.325 min
Delta R.T.: -0.010 min
Response: 13302426
Conc: 111.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



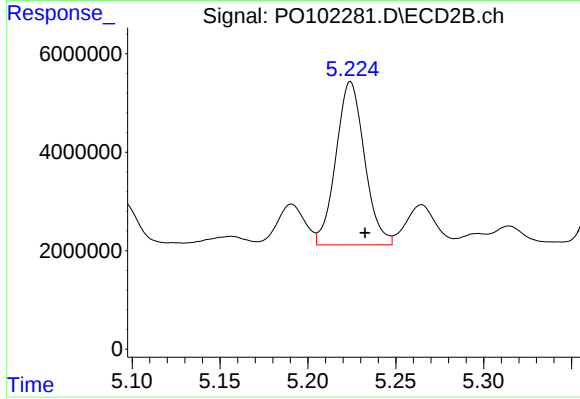
#25 AR-1248-5

R.T.: 5.265 min
Delta R.T.: -0.007 min
Response: 9576746
Conc: 109.53 ng/ml



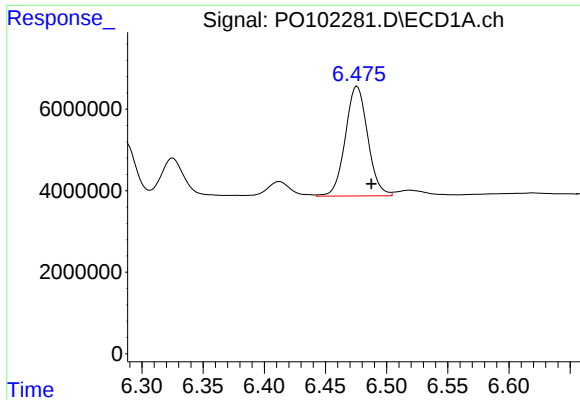
#26 AR-1254-1

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 40151545
Conc: 298.92 ng/ml



#26 AR-1254-1

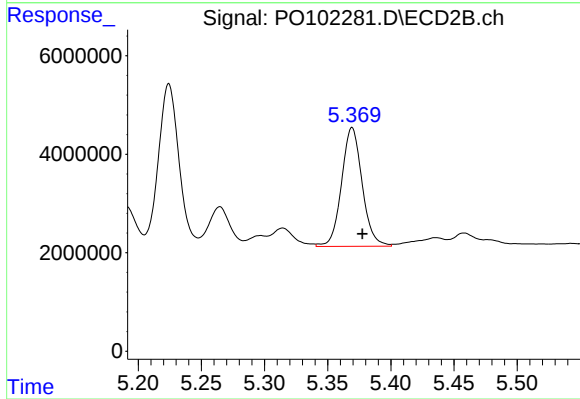
R.T.: 5.224 min
Delta R.T.: -0.008 min
Response: 37491040
Conc: 257.64 ng/ml



#27 AR-1254-2

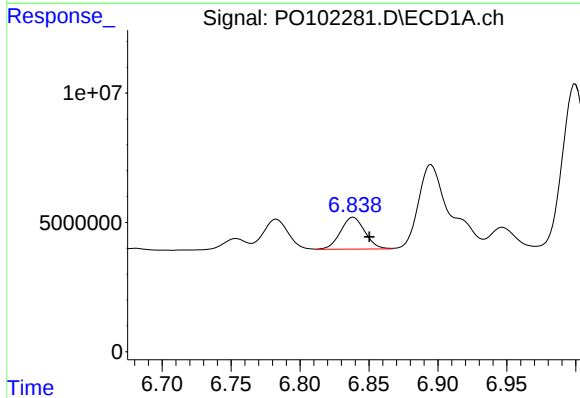
R.T.: 6.476 min
Delta R.T.: -0.012 min
Response: 34367885
Conc: 174.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



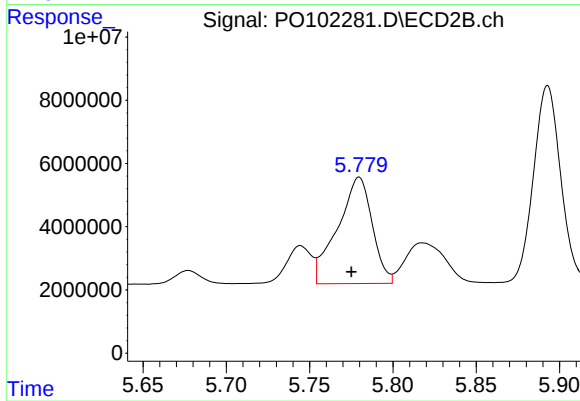
#27 AR-1254-2

R.T.: 5.369 min
Delta R.T.: -0.008 min
Response: 27403556
Conc: 212.42 ng/ml



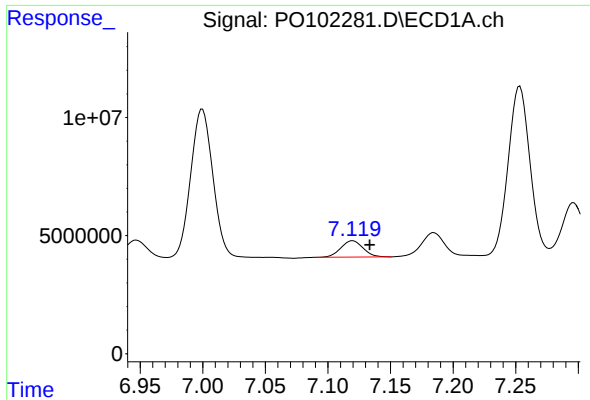
#28 AR-1254-3

R.T.: 6.839 min
Delta R.T.: -0.012 min
Response: 15188346
Conc: 78.33 ng/ml



#28 AR-1254-3

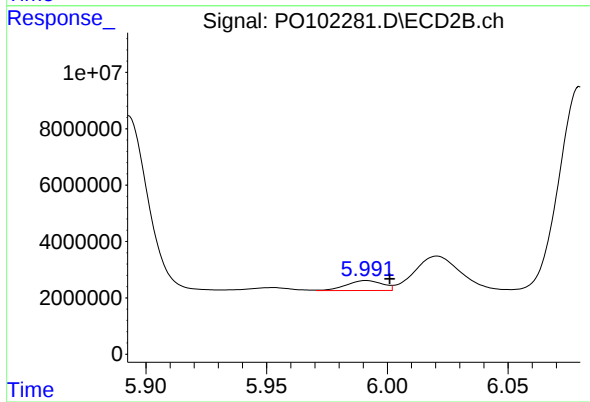
R.T.: 5.780 min
Delta R.T.: 0.005 min
Response: 48585970
Conc: 248.77 ng/ml



#29 AR-1254-4

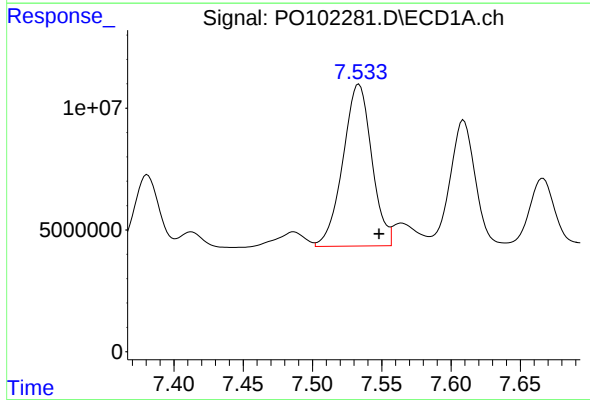
R.T.: 7.120 min
Delta R.T.: -0.014 min
Response: 8547756
Conc: 69.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



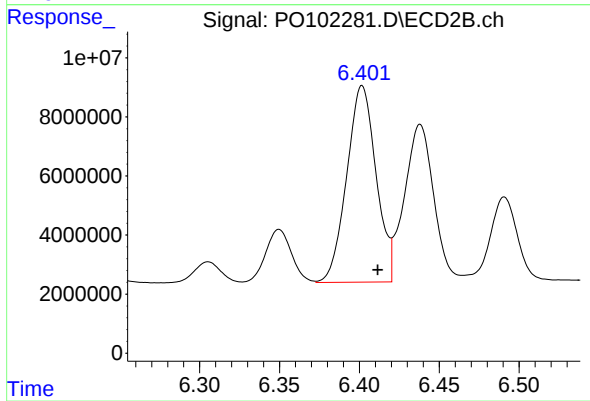
#29 AR-1254-4

R.T.: 5.991 min
Delta R.T.: -0.010 min
Response: 3661598
Conc: 34.01 ng/ml



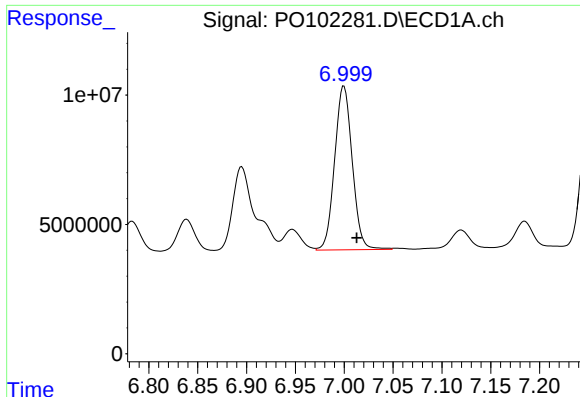
#30 AR-1254-5

R.T.: 7.534 min
Delta R.T.: -0.015 min
Response: 96267429
Conc: 685.68 ng/ml



#30 AR-1254-5

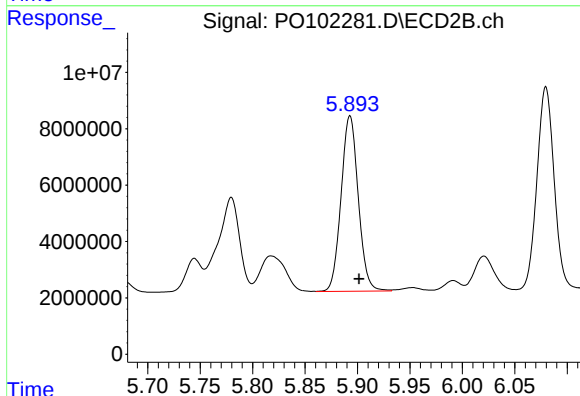
R.T.: 6.402 min
Delta R.T.: -0.010 min
Response: 85067860
Conc: 520.35 ng/ml



#31 AR-1260-1

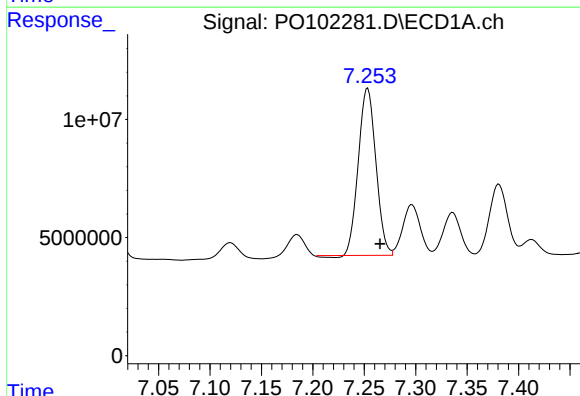
R.T.: 7.000 min
Delta R.T.: -0.013 min
Response: 79470206
Conc: 489.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



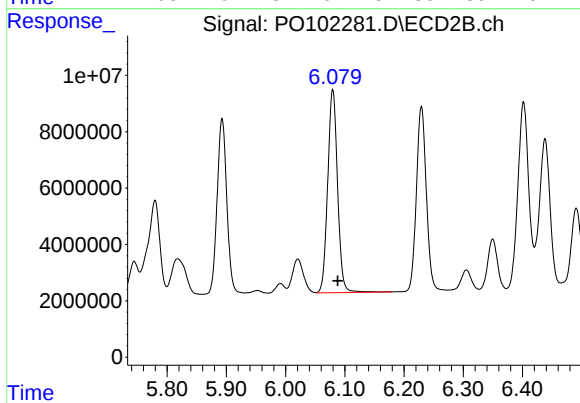
#31 AR-1260-1

R.T.: 5.893 min
Delta R.T.: -0.009 min
Response: 71057159
Conc: 479.80 ng/ml



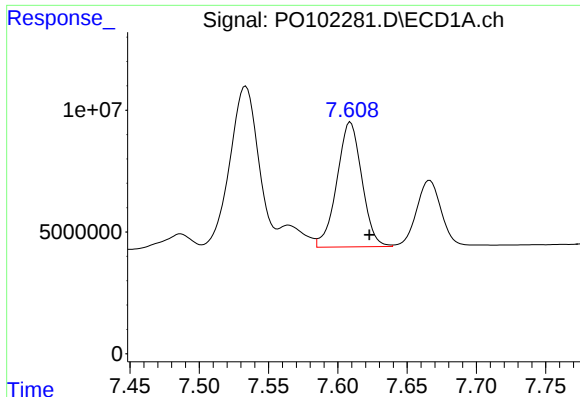
#32 AR-1260-2

R.T.: 7.253 min
Delta R.T.: -0.012 min
Response: 83799441
Conc: 469.91 ng/ml



#32 AR-1260-2

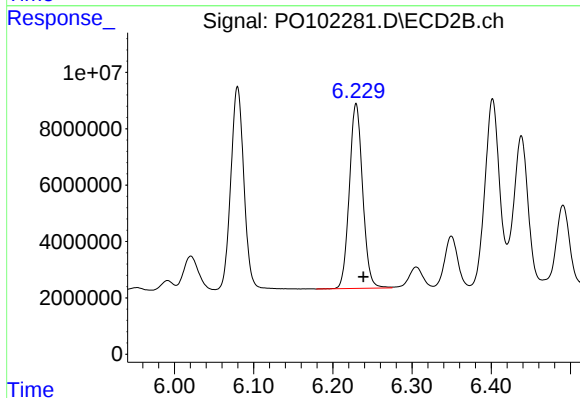
R.T.: 6.080 min
Delta R.T.: -0.009 min
Response: 83189368
Conc: 484.62 ng/ml



#33 AR-1260-3

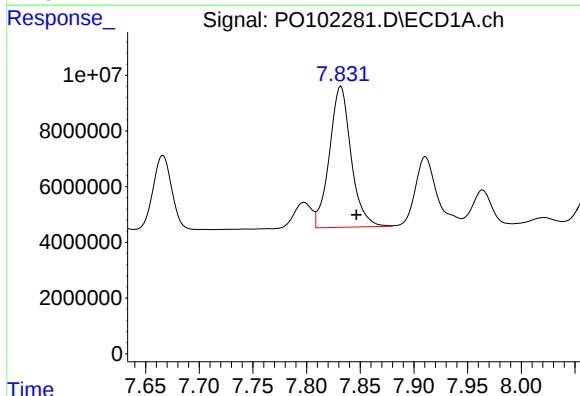
R.T.: 7.609 min
Delta R.T.: -0.014 min
Response: 64226373
Conc: 493.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



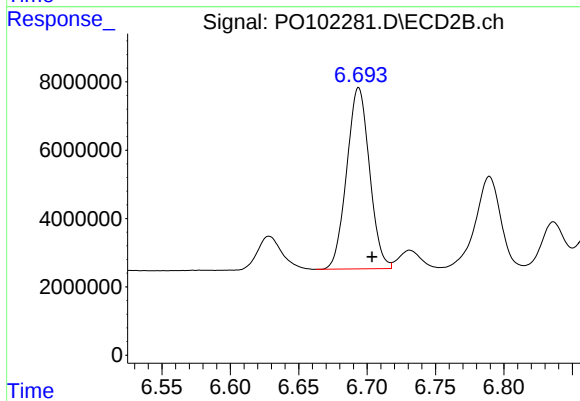
#33 AR-1260-3

R.T.: 6.229 min
Delta R.T.: -0.009 min
Response: 76586185
Conc: 463.24 ng/ml



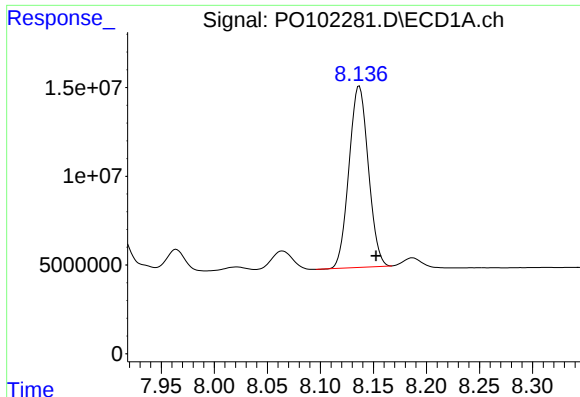
#34 AR-1260-4

R.T.: 7.832 min
Delta R.T.: -0.014 min
Response: 71215951
Conc: 501.36 ng/ml



#34 AR-1260-4

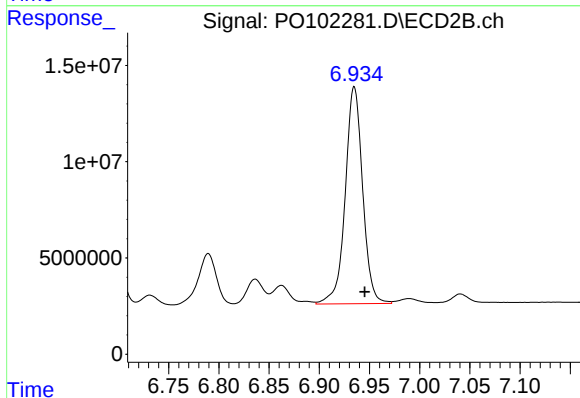
R.T.: 6.694 min
Delta R.T.: -0.010 min
Response: 61509770
Conc: 481.92 ng/ml



#35 AR-1260-5

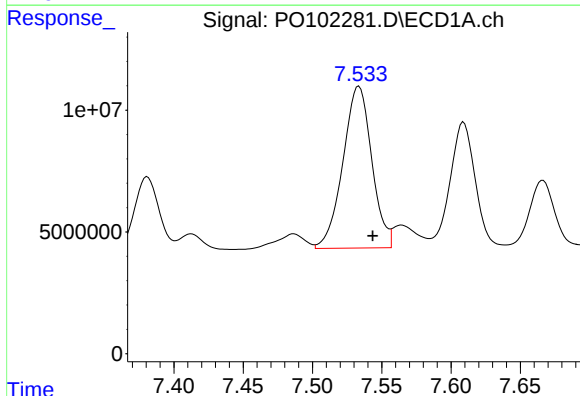
R.T.: 8.137 min
Delta R.T.: -0.016 min
Response: 129468480
Conc: 490.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



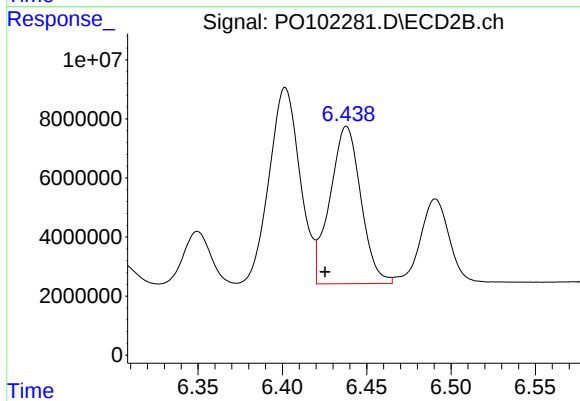
#35 AR-1260-5

R.T.: 6.935 min
Delta R.T.: -0.010 min
Response: 135986221
Conc: 496.77 ng/ml



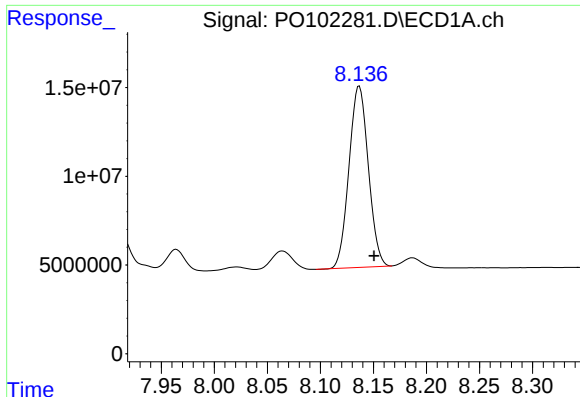
#36 AR-1262-1

R.T.: 7.534 min
Delta R.T.: -0.010 min
Response: 96267429
Conc: 671.52 ng/ml



#36 AR-1262-1

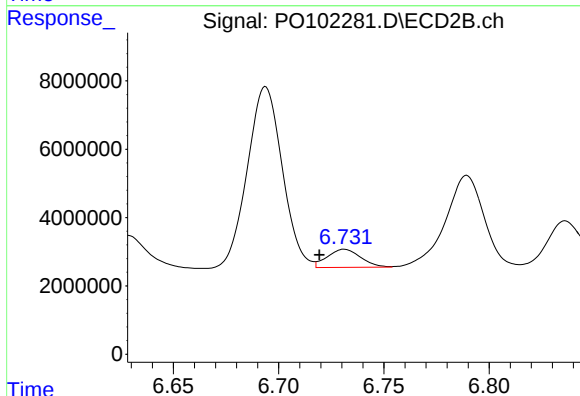
R.T.: 6.438 min
Delta R.T.: 0.013 min
Response: 68147624
Conc: 622.38 ng/ml



#37 AR-1262-2

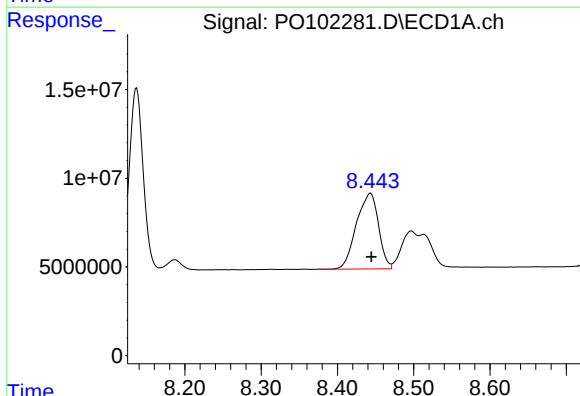
R.T.: 8.137 min
Delta R.T.: -0.014 min
Response: 129468480
Conc: 368.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



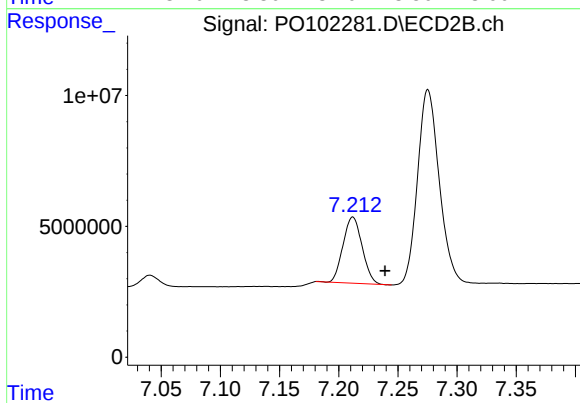
#37 AR-1262-2

R.T.: 6.731 min
Delta R.T.: 0.012 min
Response: 5880503
Conc: 30.55 ng/ml



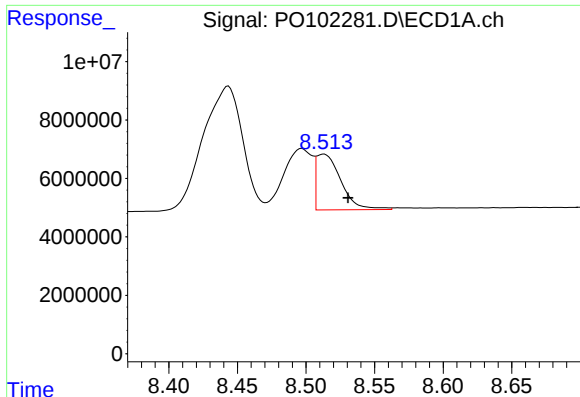
#38 AR-1262-3

R.T.: 8.443 min
Delta R.T.: -0.001 min
Response: 85509830
Conc: 361.36 ng/ml



#38 AR-1262-3

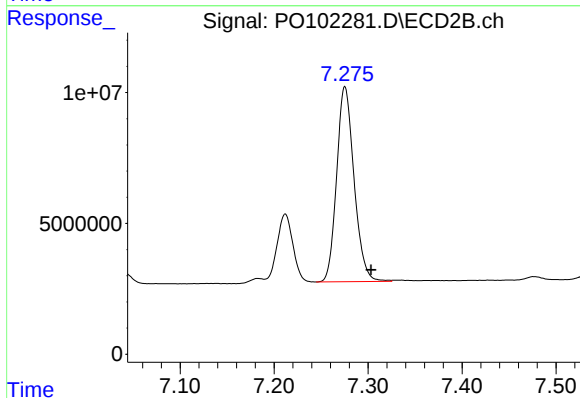
R.T.: 7.212 min
Delta R.T.: -0.027 min
Response: 28407402
Conc: 192.21 ng/ml



#39 AR-1262-4

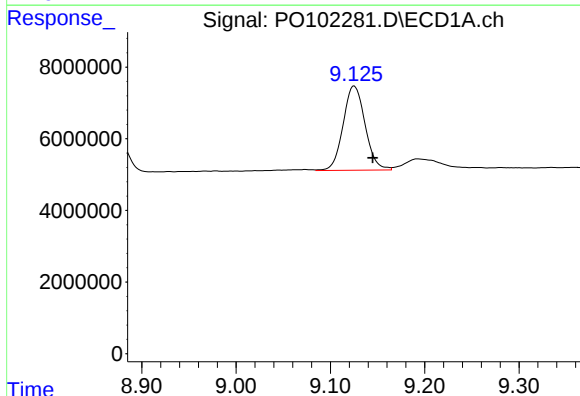
R.T.: 8.513 min
Delta R.T.: -0.017 min
Response: 23825085
Conc: 130.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



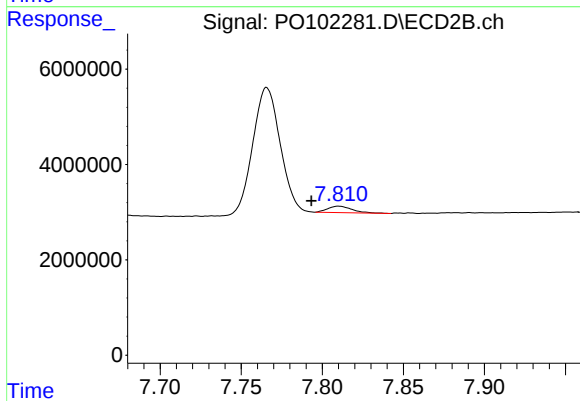
#39 AR-1262-4

R.T.: 7.275 min
Delta R.T.: -0.028 min
Response: 96089293
Conc: 362.81 ng/ml



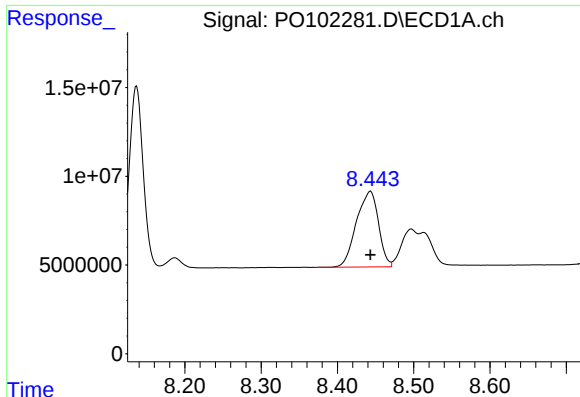
#40 AR-1262-5

R.T.: 9.125 min
Delta R.T.: -0.020 min
Response: 38168118
Conc: 326.60 ng/ml



#40 AR-1262-5

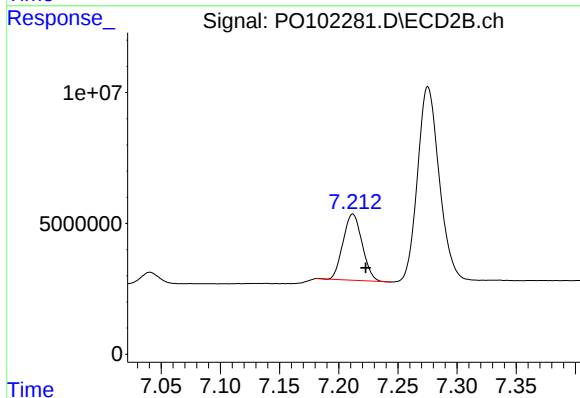
R.T.: 7.810 min
Delta R.T.: 0.017 min
Response: 1405080
Conc: 12.62 ng/ml



#41 AR-1268-1

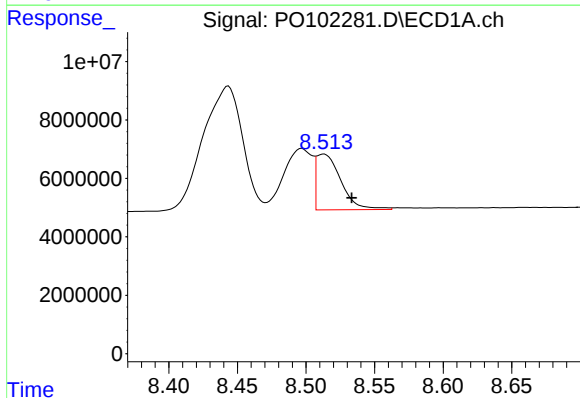
R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 85509830
Conc: 242.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



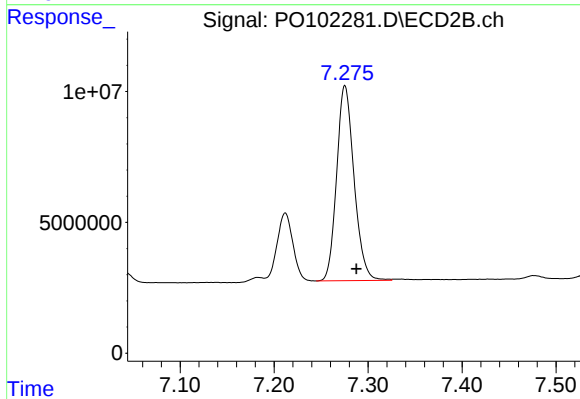
#41 AR-1268-1

R.T.: 7.212 min
Delta R.T.: -0.011 min
Response: 28407402
Conc: 80.08 ng/ml



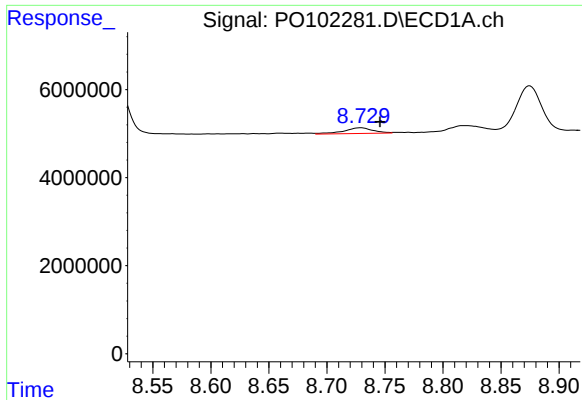
#42 AR-1268-2

R.T.: 8.513 min
Delta R.T.: -0.020 min
Response: 23825085
Conc: 75.32 ng/ml



#42 AR-1268-2

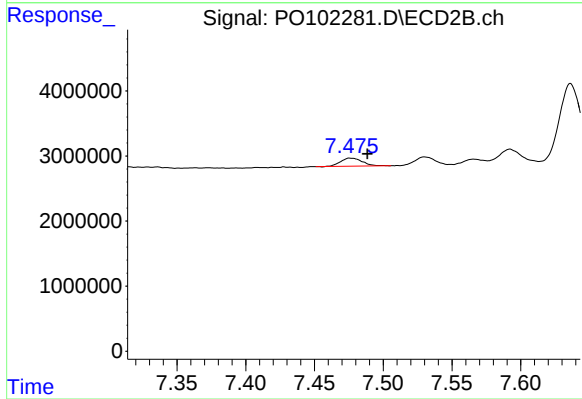
R.T.: 7.275 min
Delta R.T.: -0.012 min
Response: 96089293
Conc: 296.77 ng/ml



#43 AR-1268-3

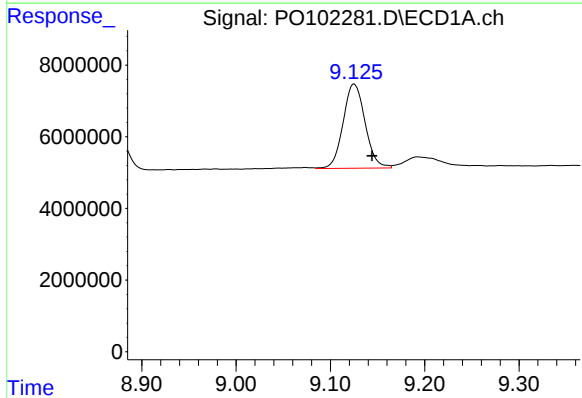
R.T.: 8.729 min
Delta R.T.: -0.017 min
Response: 2245820
Conc: 7.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



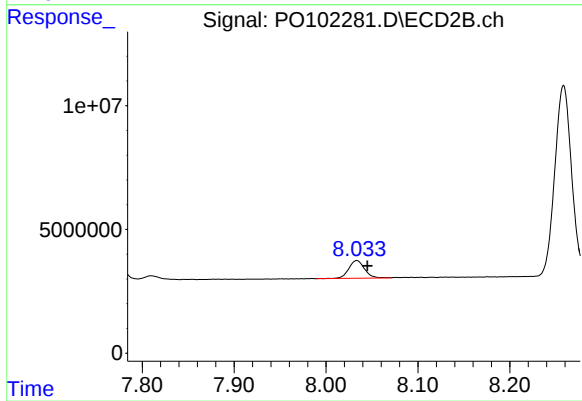
#43 AR-1268-3

R.T.: 7.476 min
Delta R.T.: -0.012 min
Response: 1368572
Conc: 5.00 ng/ml



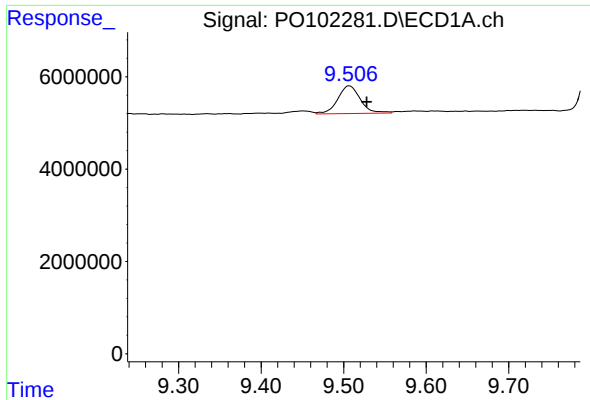
#44 AR-1268-4

R.T.: 9.125 min
Delta R.T.: -0.019 min
Response: 38168118
Conc: 362.21 ng/ml



#44 AR-1268-4

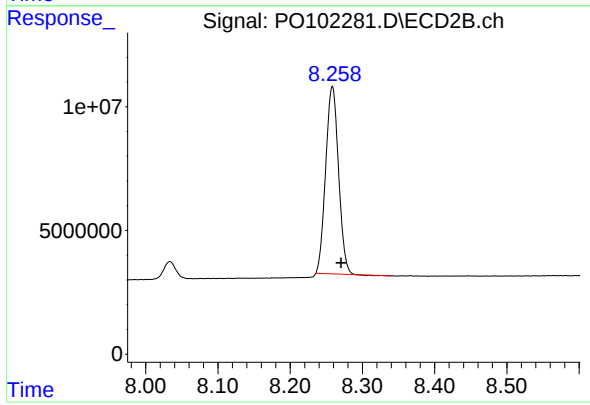
R.T.: 8.034 min
Delta R.T.: -0.012 min
Response: 8603920
Conc: 11.12 ng/ml



#45 AR-1268-5

R.T.: 9.507 min
Delta R.T.: -0.021 min
Response: 11391487
Conc: 12.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.258 min
Delta R.T.: -0.012 min
Response: 93518376
Conc: 257.81 ng/ml