

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072022\
 Data File : P0088197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 18:50
 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: Jul 20 19:17:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.445	3.604	130.7E6	52983551	51.231	56.157
2)	SA Decachlor...	10.294	8.603	79114724	44199854	37.253	42.295
Target Compounds							
3)	L1 AR-1016-1	5.622	4.682	44367350	20161626	505.879	560.352
4)	L1 AR-1016-2	5.645	4.701	63406534	29238071	505.378	572.231
5)	L1 AR-1016-3	5.707	4.876	39609324	16066432	510.636	578.734
6)	L1 AR-1016-4	5.806	4.918	31765191	13316514	515.061	572.466
7)	L1 AR-1016-5	6.103	5.131	30312142	16723796	488.405	565.086
8)	L2 AR-1221-1	4.648	3.814	4543162	1795523	150.146	171.630
9)	L2 AR-1221-2	4.741	3.900	6658186	2600138	300.381	327.855
10)	L2 AR-1221-3	4.818	3.975	24517451	9910072	355.773	386.812
11)	L3 AR-1232-1	4.818	3.975	24517451	9910072	471.802	512.261
12)	L3 AR-1232-2	5.157	4.701	35083216	29238071	1368.466	1482.554
13)	L3 AR-1232-3	5.645	4.876	63406534	16066432	1318.544	1577.829
14)	L3 AR-1232-4	5.806	4.960	31765191	16491837	1365.891	1697.729
15)	L3 AR-1232-5	5.898	5.131	29395495	16723796	1512.956	1537.682
16)	L4 AR-1242-1	5.622	4.682	44367350	20161626	649.888	693.002
17)	L4 AR-1242-2	5.645	4.701	63406534	29238071	654.582	721.898
18)	L4 AR-1242-3	5.707	4.876	39609324	16066432	652.835	727.139
19)	L4 AR-1242-4	5.806	4.960	31765191	16491837	659.485	705.339
20)	L4 AR-1242-5	6.548	5.483	3684595	12872026	69.965	480.283 #
21)	L5 AR-1248-1	5.622	4.682	44367350	20161626	830.408	880.179
22)	L5 AR-1248-2	5.898	4.918	29395495	13316514	378.320	394.769
23)	L5 AR-1248-3	6.103	4.960	30312142	16491837	362.111	474.540 #
24)	L5 AR-1248-4	6.508	5.131	3778157	16723796	41.108	399.470 #
25)	L5 AR-1248-5	6.548	5.524	3684595	1788962	40.969	49.653
26)	L6 AR-1254-1	6.483	5.483	19664332	12872026	207.401	223.259
27)	L6 AR-1254-2	6.702	5.631	20061594	12057888	139.745	235.160 #
28)	L6 AR-1254-3	7.071	6.049	10414788	21800999	71.102	268.652 #
29)	L6 AR-1254-4	7.358	6.263	6960127	2483669	64.310	49.799
30)	L6 AR-1254-5	7.779	6.680	67639450	37323879	562.007	494.190
31)	L7 AR-1260-1	7.237	6.164	44415199	30953302	381.715	571.114 #
32)	L7 AR-1260-2	7.494	6.353	55399613	35769089	410.023	550.868 #
33)	L7 AR-1260-3	7.856	6.506	39999838	33821135	436.916	543.729
34)	L7 AR-1260-4	8.083	6.978	46380035	21819965	429.353	461.308
35)	L7 AR-1260-5	8.411	7.220	86765619	49489358	422.831	432.533
36)	L8 AR-1262-1	7.856	6.772	39999838	12609633	291.190	416.030 #
37)	L8 AR-1262-2	8.411	7.220	86765619	49489358	368.690	368.322
38)	L8 AR-1262-3	8.747	7.503	53592592	10278928	323.353	188.481 #
39)	L8 AR-1262-4	8.825	7.567	11935624	36463717	142.975	360.442 #
40)	L8 AR-1262-5	9.508	8.062	18945711	12289362	212.586	250.221
41)	L9 AR-1268-1	8.747	7.503	53592592	10278928	189.493	64.875 #

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

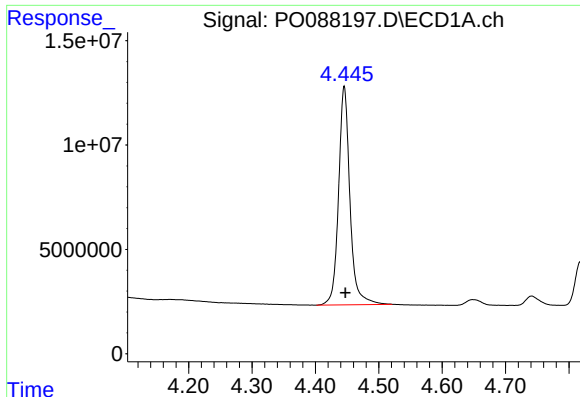
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 19:17:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.825	7.567	11935624	36463717	45.906	253.500 #
43) L9	AR-1268-3	9.065	7.775	1313124	1202683	5.864	9.656 #
44) L9	AR-1268-4	9.508	8.062	18945711	12289362	193.234	229.073
45) L9	AR-1268-5	9.940	8.351	7229220	3736364	9.951	9.663

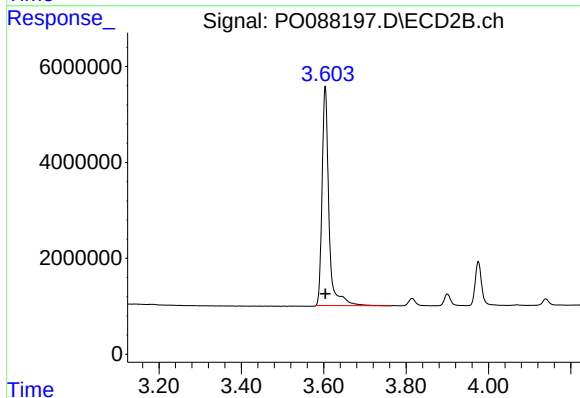
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

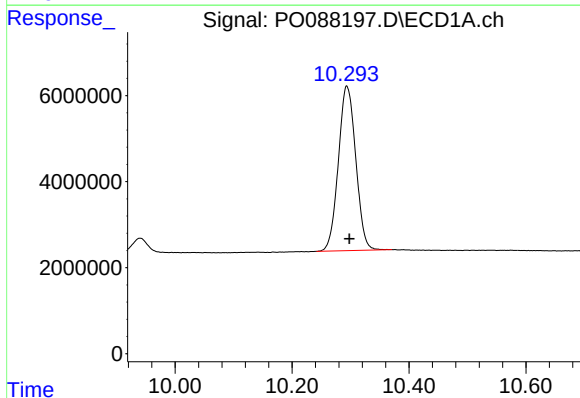
R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 130700625
Conc: 51.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



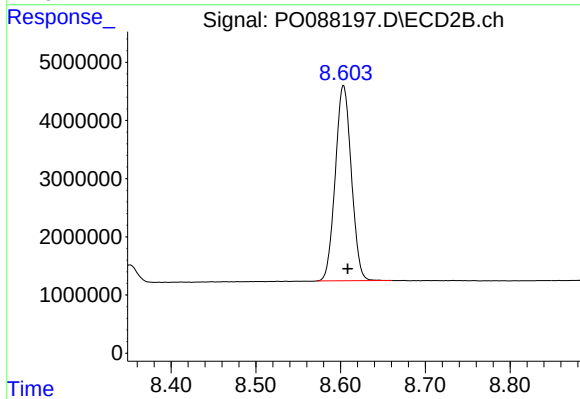
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: -0.001 min
Response: 52983551
Conc: 56.16 ng/ml



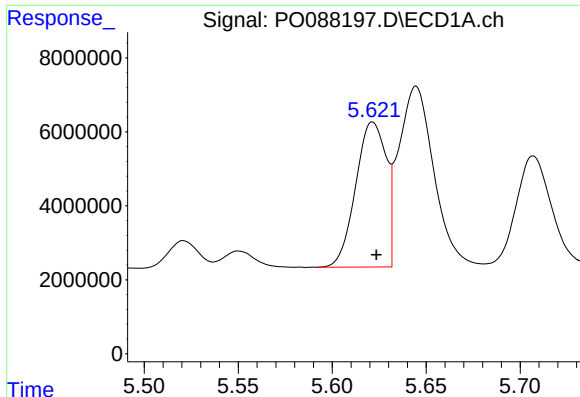
#2 Decachlorobiphenyl

R.T.: 10.294 min
Delta R.T.: -0.005 min
Response: 79114724
Conc: 37.25 ng/ml



#2 Decachlorobiphenyl

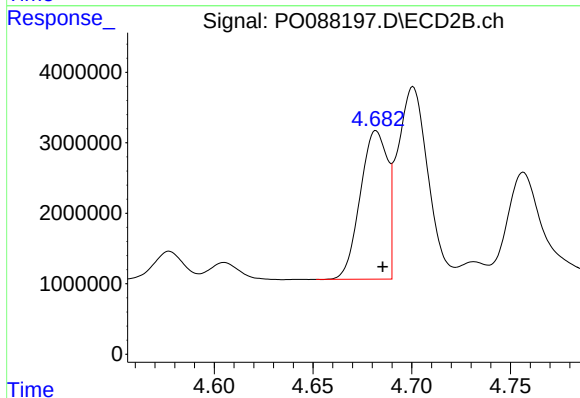
R.T.: 8.603 min
Delta R.T.: -0.005 min
Response: 44199854
Conc: 42.30 ng/ml



#3 AR-1016-1

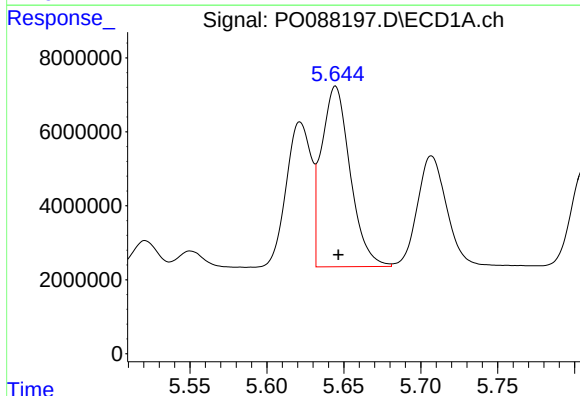
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 44367350
Conc: 505.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



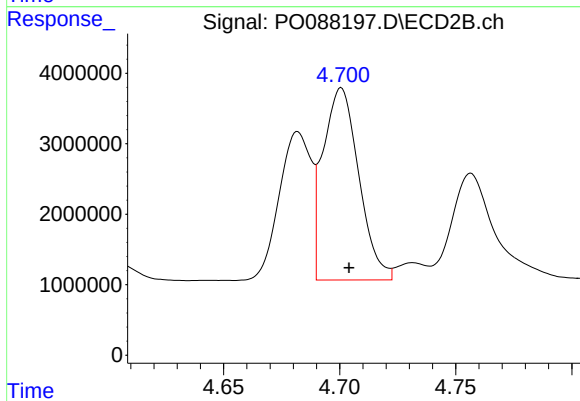
#3 AR-1016-1

R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 20161626
Conc: 560.35 ng/ml



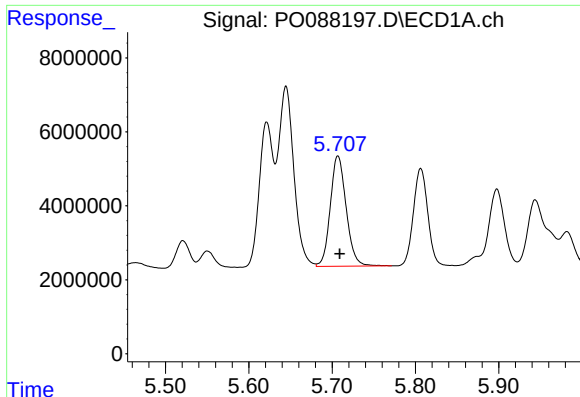
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 63406534
Conc: 505.38 ng/ml



#4 AR-1016-2

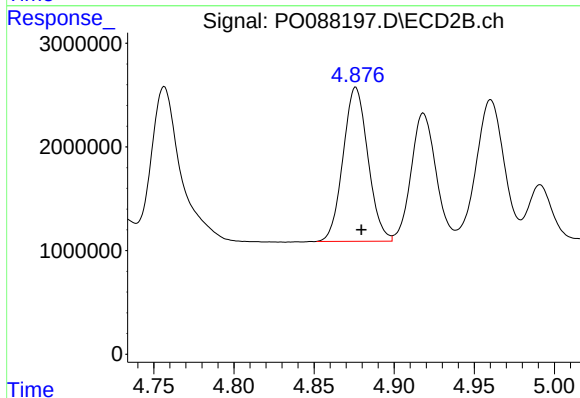
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 29238071
Conc: 572.23 ng/ml



#5 AR-1016-3

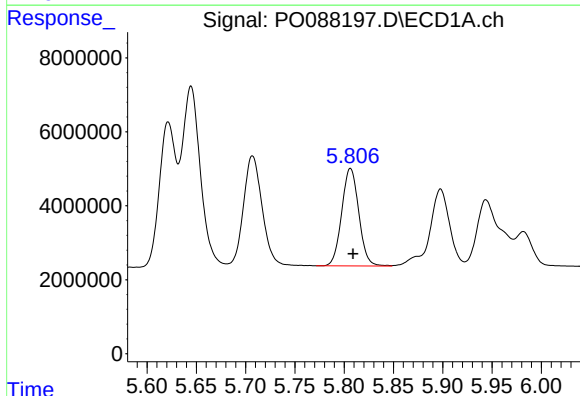
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 39609324
Conc: 510.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



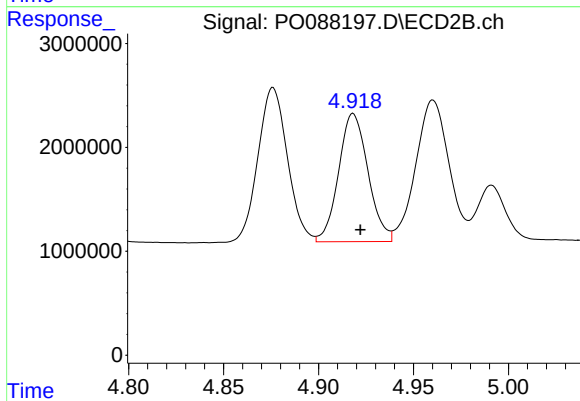
#5 AR-1016-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 16066432
Conc: 578.73 ng/ml



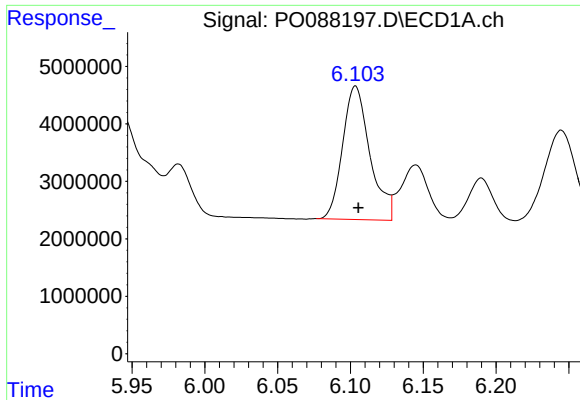
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 31765191
Conc: 515.06 ng/ml



#6 AR-1016-4

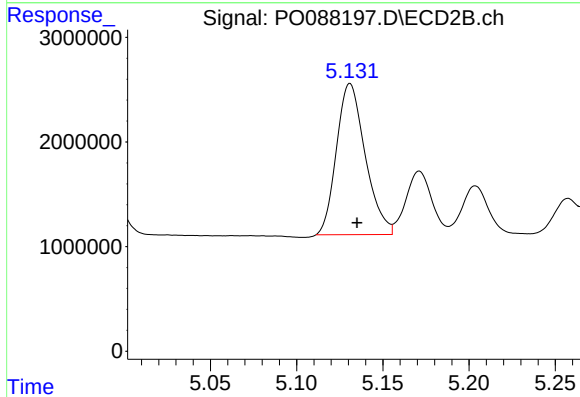
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 13316514
Conc: 572.47 ng/ml



#7 AR-1016-5

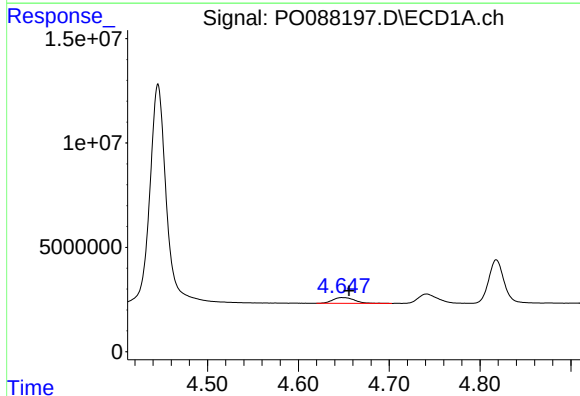
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 30312142
Conc: 488.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



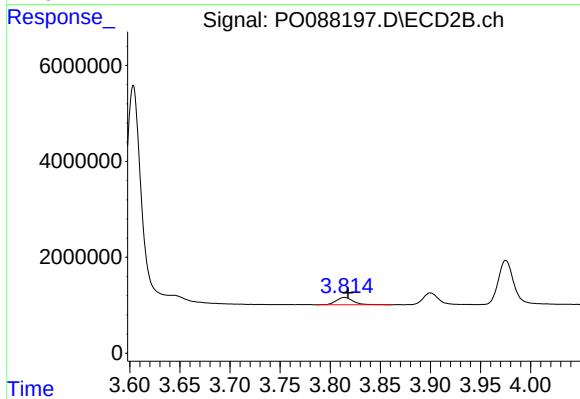
#7 AR-1016-5

R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 16723796
Conc: 565.09 ng/ml



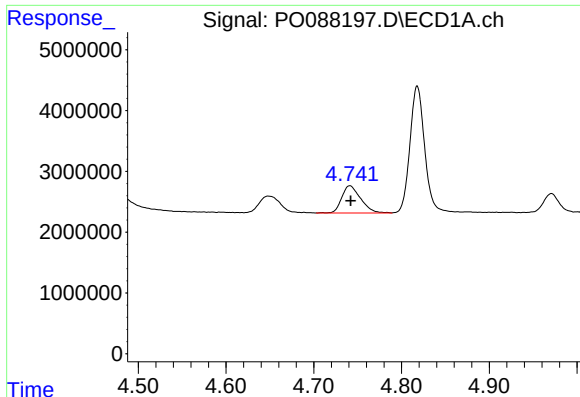
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.007 min
Response: 4543162
Conc: 150.15 ng/ml



#8 AR-1221-1

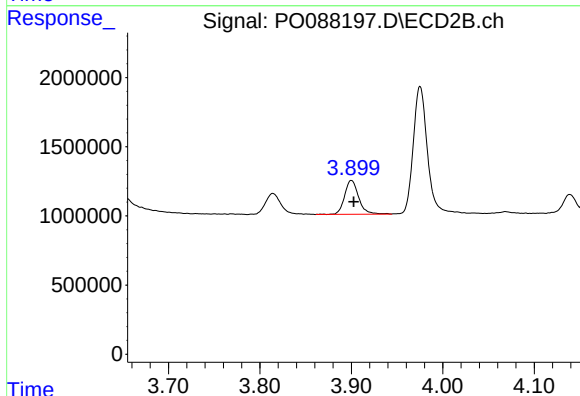
R.T.: 3.814 min
Delta R.T.: -0.004 min
Response: 1795523
Conc: 171.63 ng/ml



#9 AR-1221-2

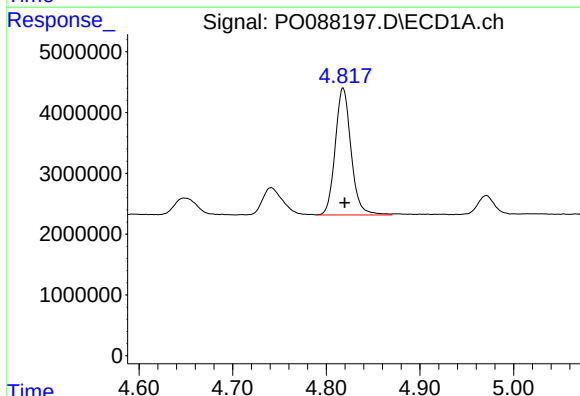
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 6658186
Conc: 300.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



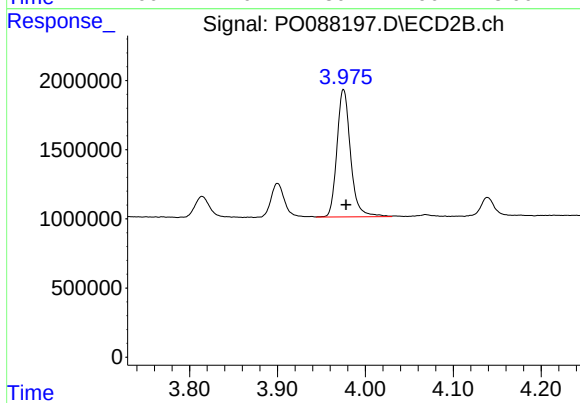
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 2600138
Conc: 327.86 ng/ml



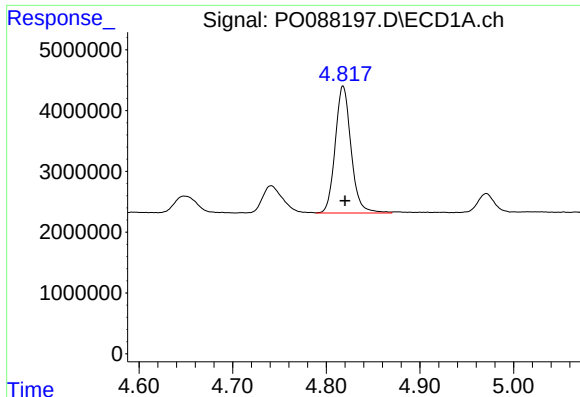
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 24517451
Conc: 355.77 ng/ml



#10 AR-1221-3

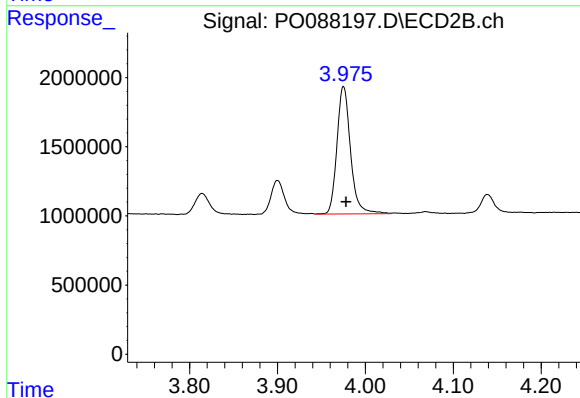
R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 9910072
Conc: 386.81 ng/ml



#11 AR-1232-1

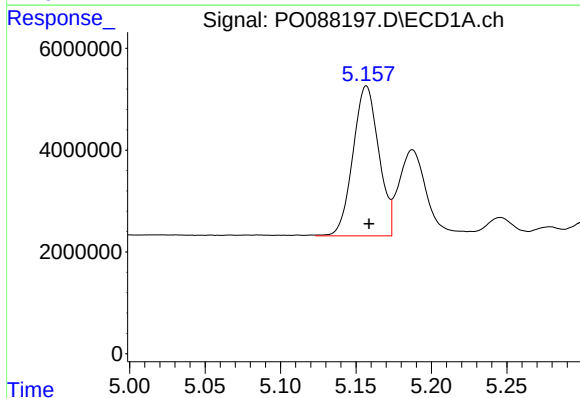
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 24517451
Conc: 471.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



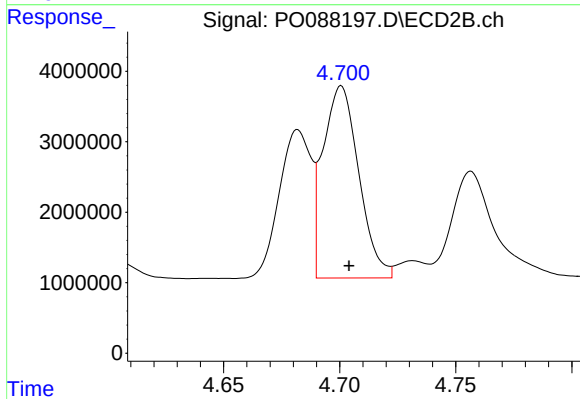
#11 AR-1232-1

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 9910072
Conc: 512.26 ng/ml



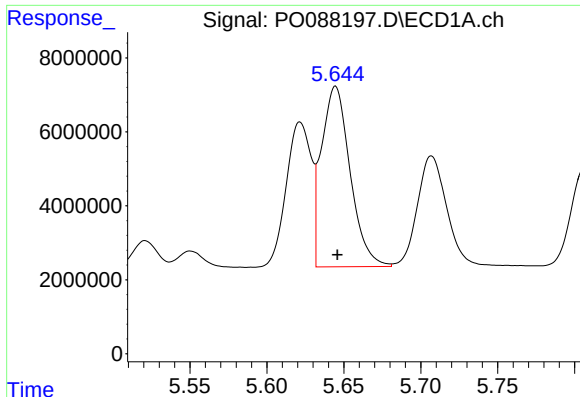
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 35083216
Conc: 1368.47 ng/ml



#12 AR-1232-2

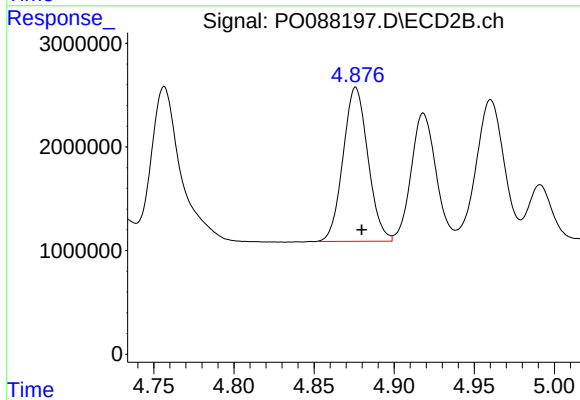
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 29238071
Conc: 1482.55 ng/ml



#13 AR-1232-3

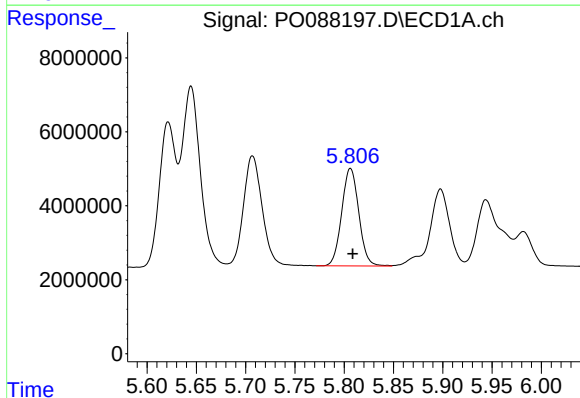
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 63406534
Conc: 1318.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



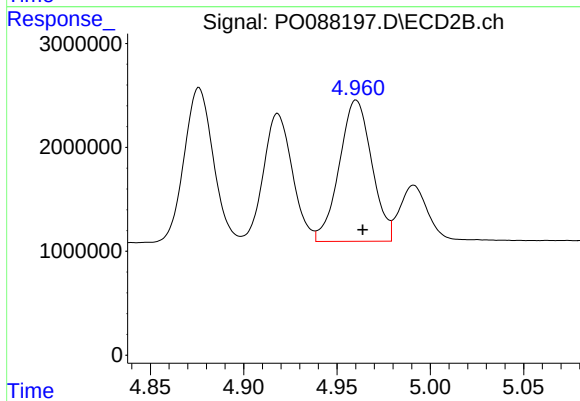
#13 AR-1232-3

R.T.: 4.876 min
Delta R.T.: -0.004 min
Response: 16066432
Conc: 1577.83 ng/ml



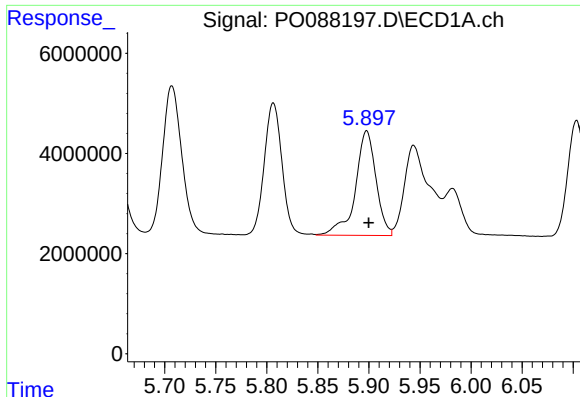
#14 AR-1232-4

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 31765191
Conc: 1365.89 ng/ml



#14 AR-1232-4

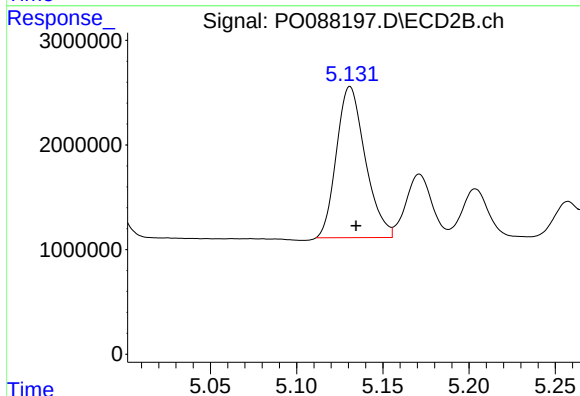
R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 16491837
Conc: 1697.73 ng/ml



#15 AR-1232-5

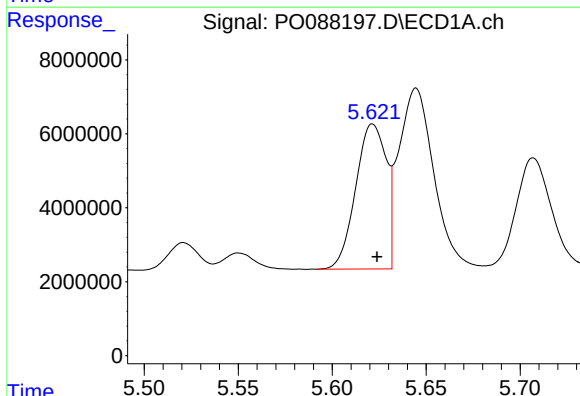
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 29395495
Conc: 1512.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



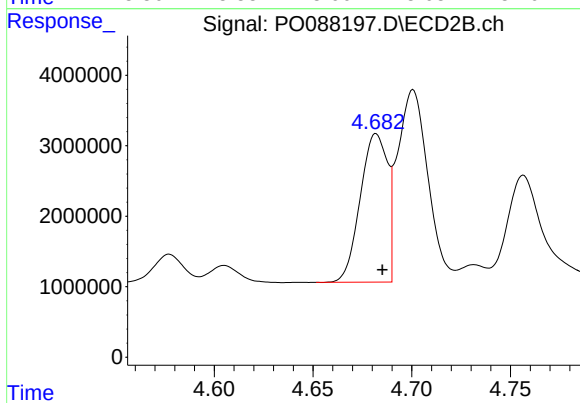
#15 AR-1232-5

R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 16723796
Conc: 1537.68 ng/ml



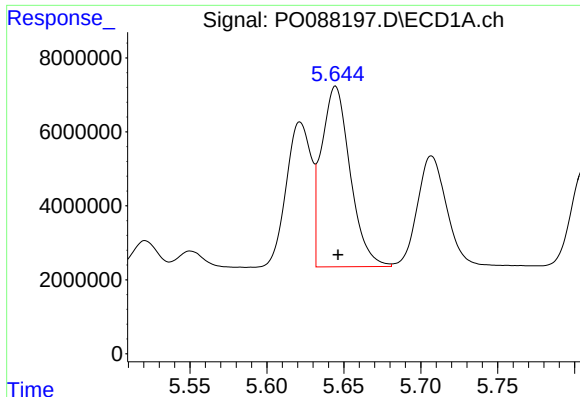
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 44367350
Conc: 649.89 ng/ml



#16 AR-1242-1

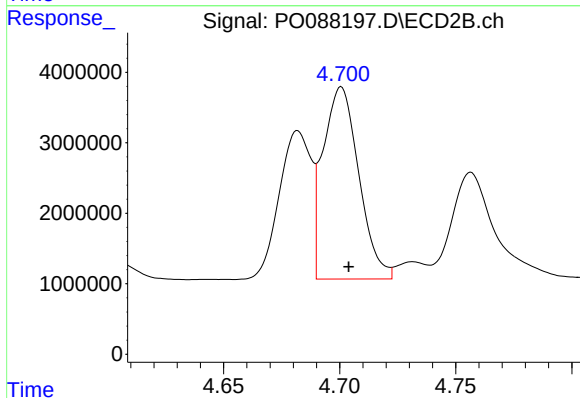
R.T.: 4.682 min
Delta R.T.: -0.003 min
Response: 20161626
Conc: 693.00 ng/ml



#17 AR-1242-2

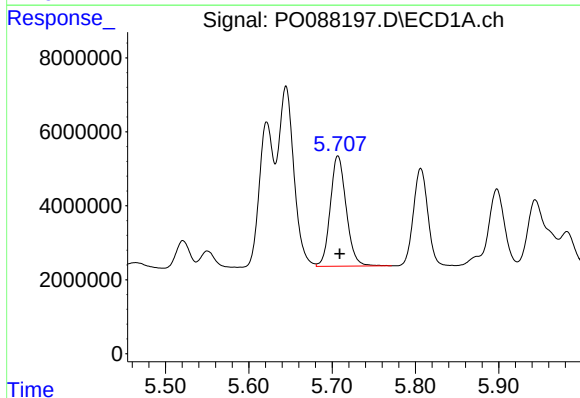
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 63406534
Conc: 654.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



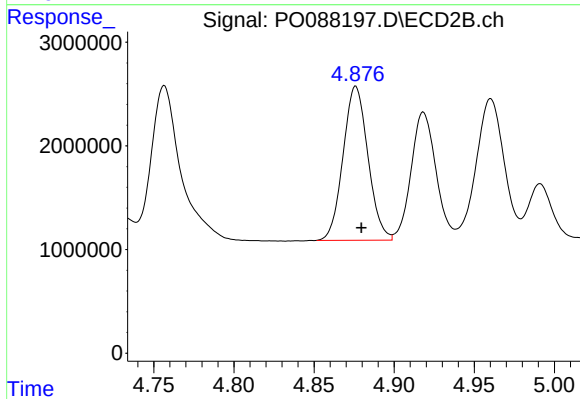
#17 AR-1242-2

R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 29238071
Conc: 721.90 ng/ml



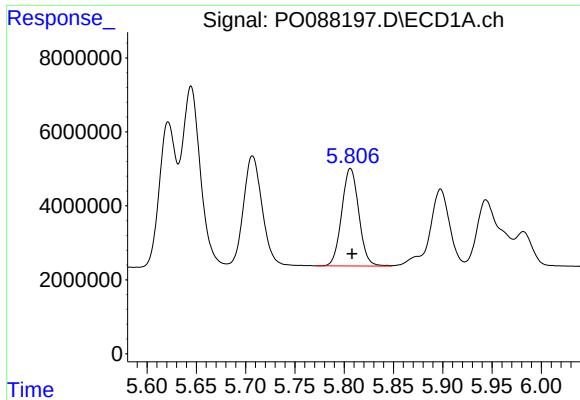
#18 AR-1242-3

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 39609324
Conc: 652.84 ng/ml



#18 AR-1242-3

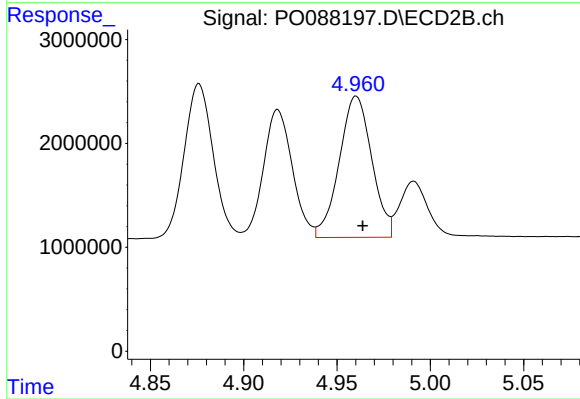
R.T.: 4.876 min
Delta R.T.: -0.003 min
Response: 16066432
Conc: 727.14 ng/ml



#19 AR-1242-4

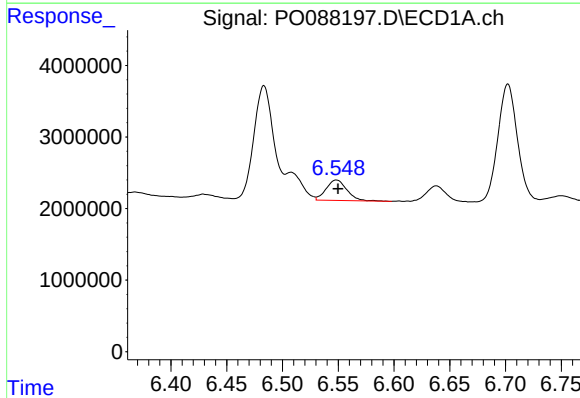
R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 31765191
Conc: 659.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



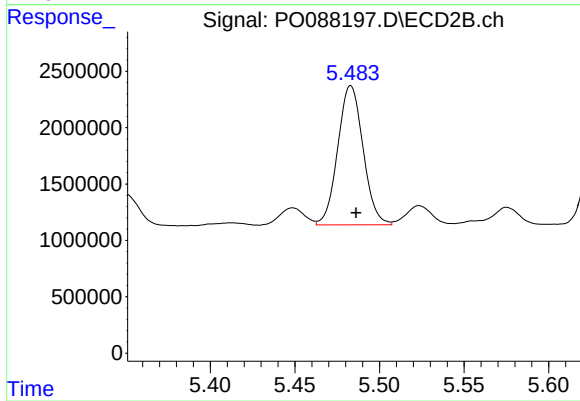
#19 AR-1242-4

R.T.: 4.960 min
Delta R.T.: -0.003 min
Response: 16491837
Conc: 705.34 ng/ml



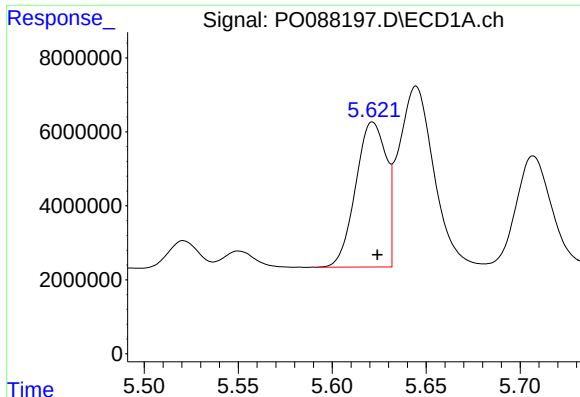
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.001 min
Response: 3684595
Conc: 69.96 ng/ml



#20 AR-1242-5

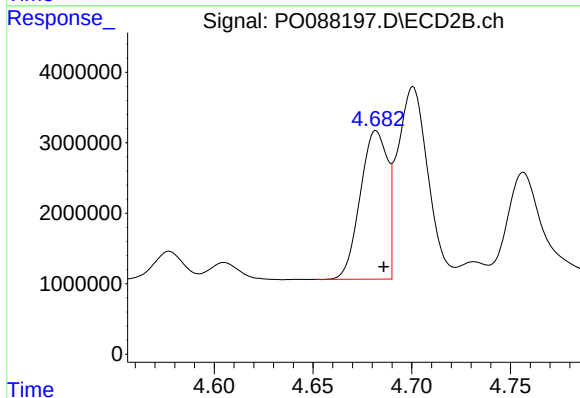
R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 12872026
Conc: 480.28 ng/ml



#21 AR-1248-1

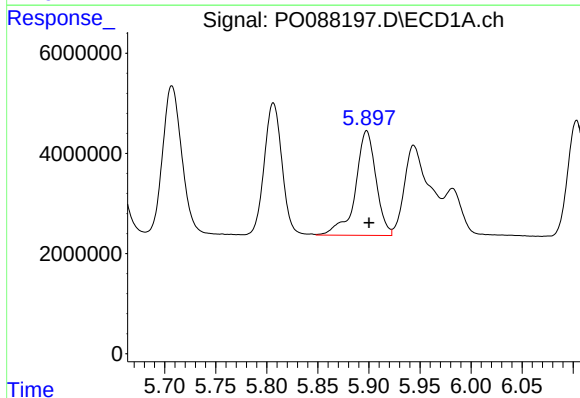
R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 44367350
Conc: 830.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



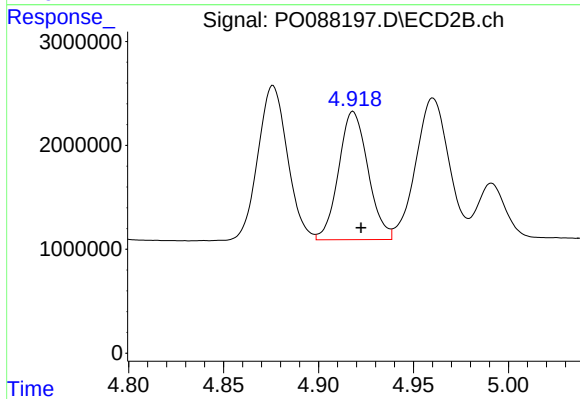
#21 AR-1248-1

R.T.: 4.682 min
Delta R.T.: -0.004 min
Response: 20161626
Conc: 880.18 ng/ml



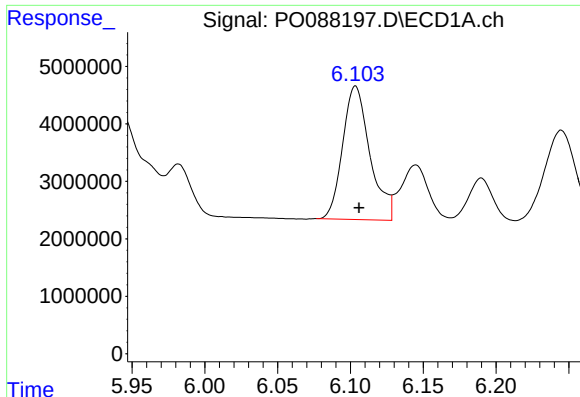
#22 AR-1248-2

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 29395495
Conc: 378.32 ng/ml



#22 AR-1248-2

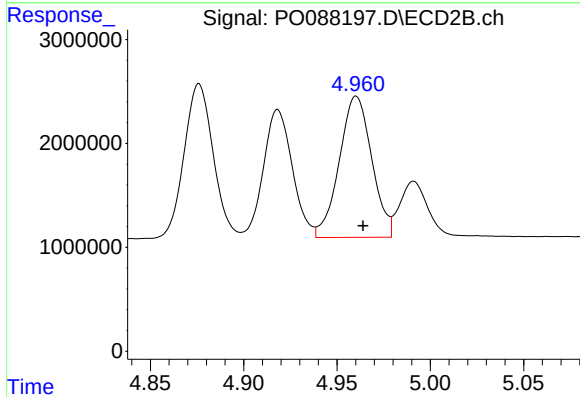
R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 13316514
Conc: 394.77 ng/ml



#23 AR-1248-3

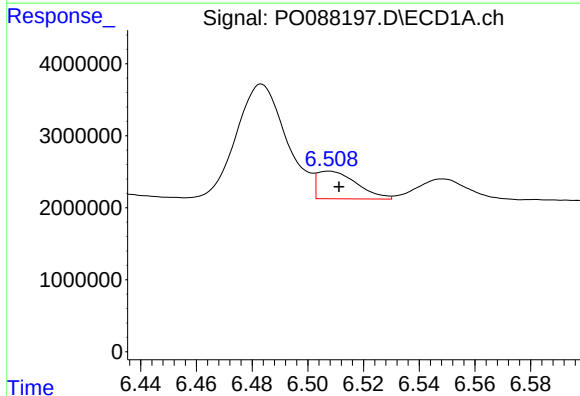
R.T.: 6.103 min
Delta R.T.: -0.002 min
Response: 30312142
Conc: 362.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



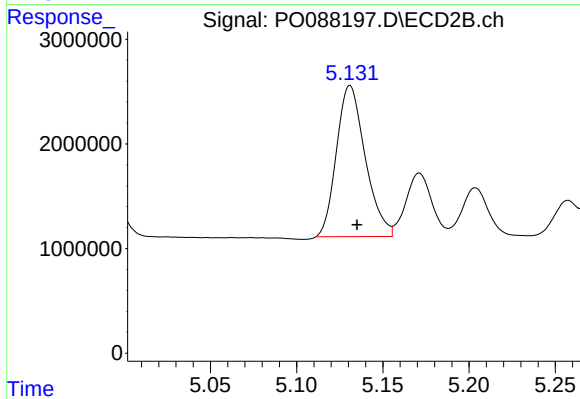
#23 AR-1248-3

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 16491837
Conc: 474.54 ng/ml



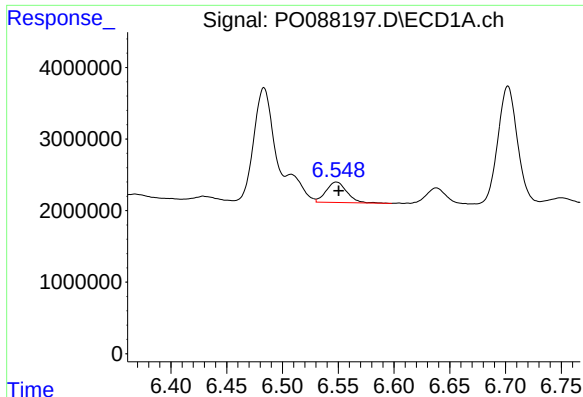
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 3778157
Conc: 41.11 ng/ml



#24 AR-1248-4

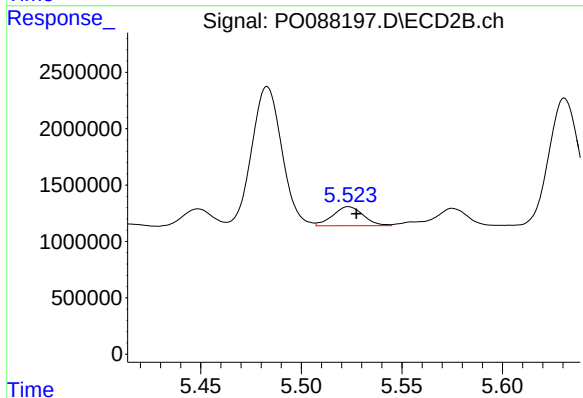
R.T.: 5.131 min
Delta R.T.: -0.004 min
Response: 16723796
Conc: 399.47 ng/ml



#25 AR-1248-5

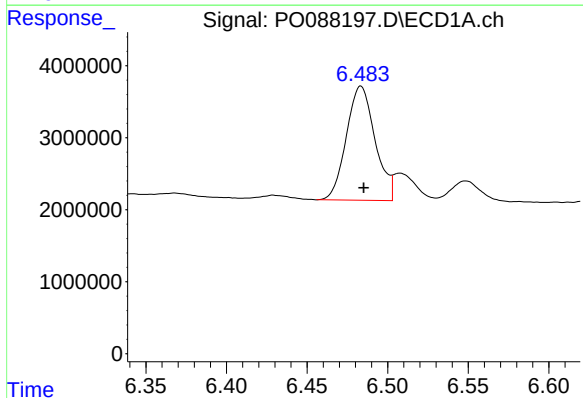
R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 3684595
Conc: 40.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



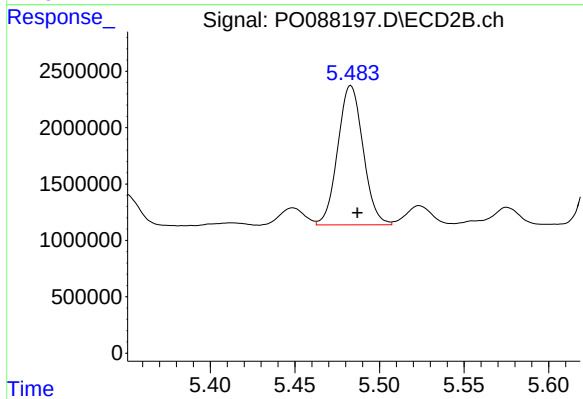
#25 AR-1248-5

R.T.: 5.524 min
Delta R.T.: -0.004 min
Response: 1788962
Conc: 49.65 ng/ml



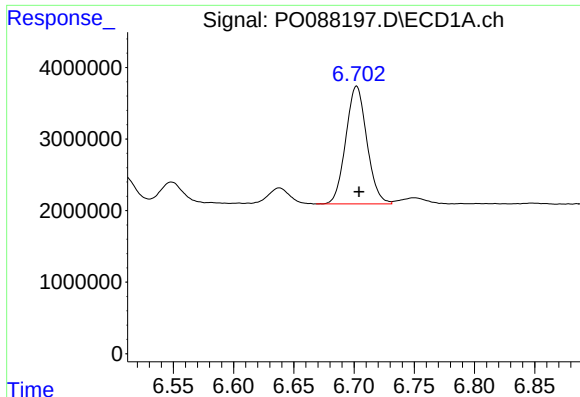
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 19664332
Conc: 207.40 ng/ml



#26 AR-1254-1

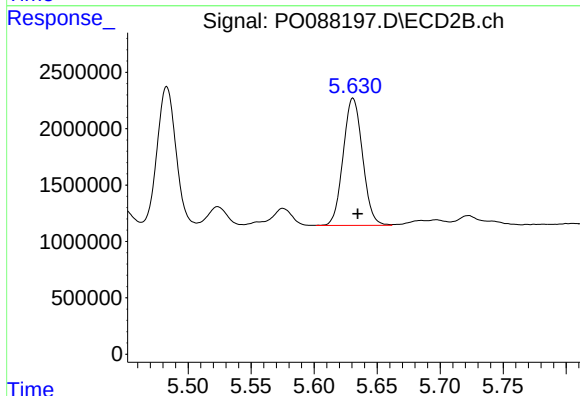
R.T.: 5.483 min
Delta R.T.: -0.004 min
Response: 12872026
Conc: 223.26 ng/ml



#27 AR-1254-2

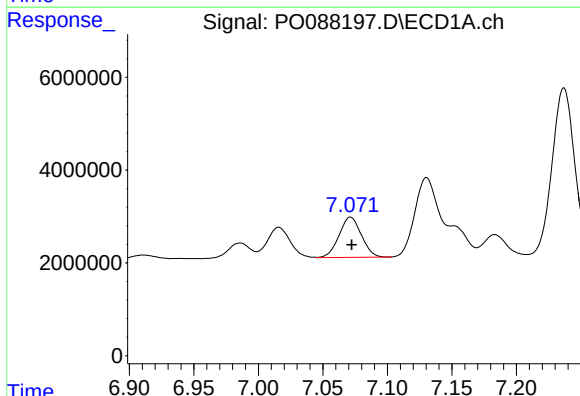
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 20061594
Conc: 139.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



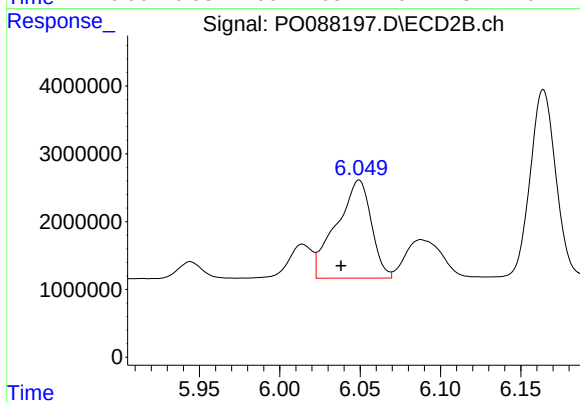
#27 AR-1254-2

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 12057888
Conc: 235.16 ng/ml



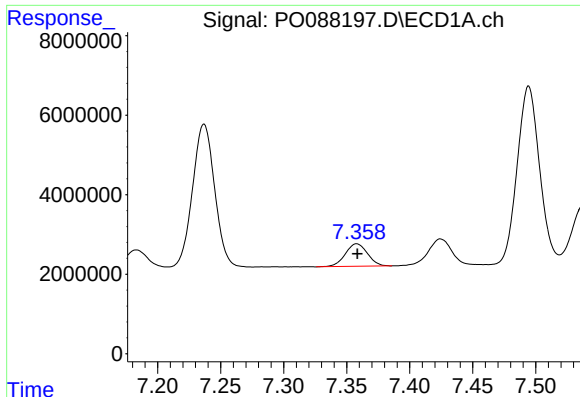
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 10414788
Conc: 71.10 ng/ml



#28 AR-1254-3

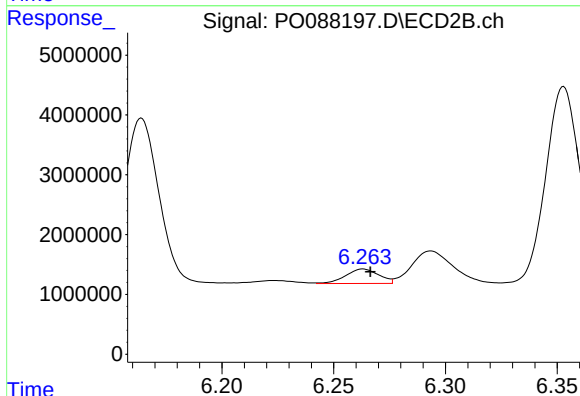
R.T.: 6.049 min
Delta R.T.: 0.011 min
Response: 21800999
Conc: 268.65 ng/ml



#29 AR-1254-4

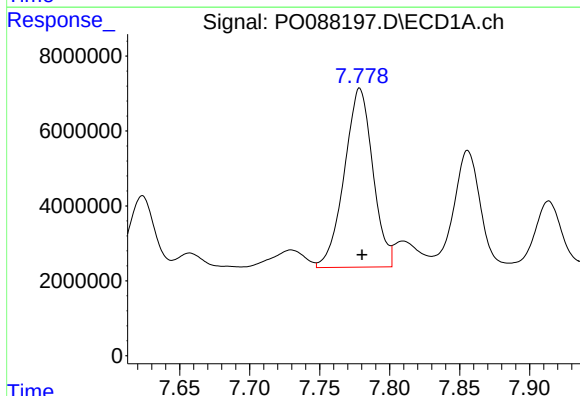
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 6960127
Conc: 64.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



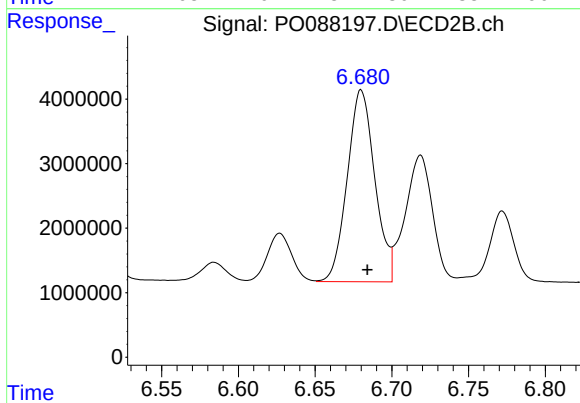
#29 AR-1254-4

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 2483669
Conc: 49.80 ng/ml



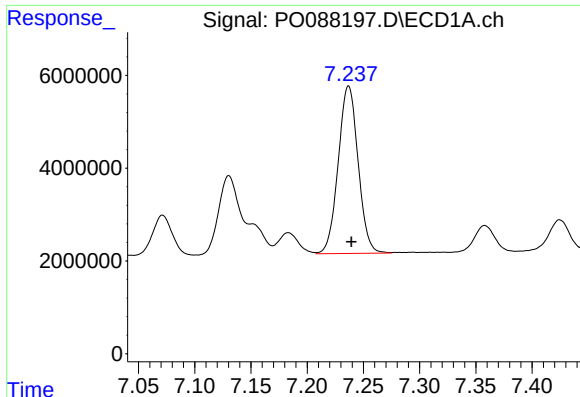
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: -0.002 min
Response: 67639450
Conc: 562.01 ng/ml



#30 AR-1254-5

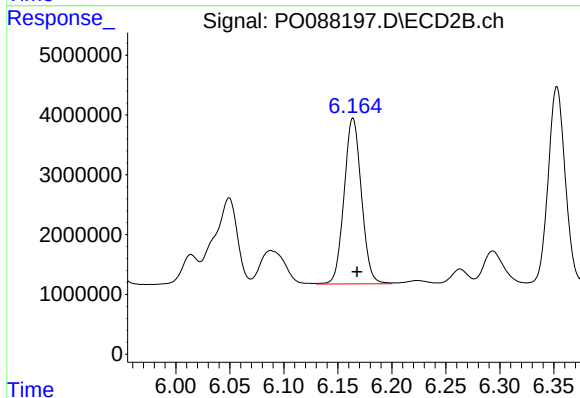
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 37323879
Conc: 494.19 ng/ml



#31 AR-1260-1

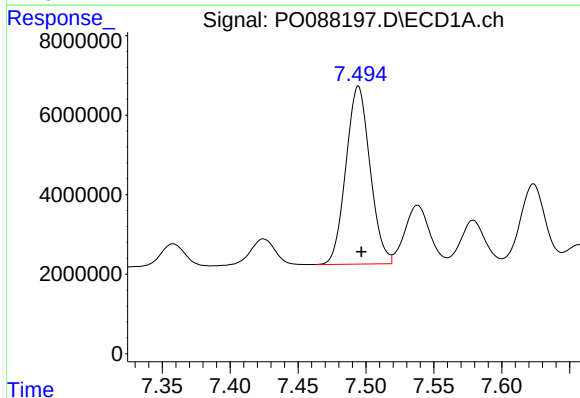
R.T.: 7.237 min
Delta R.T.: -0.003 min
Response: 44415199
Conc: 381.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



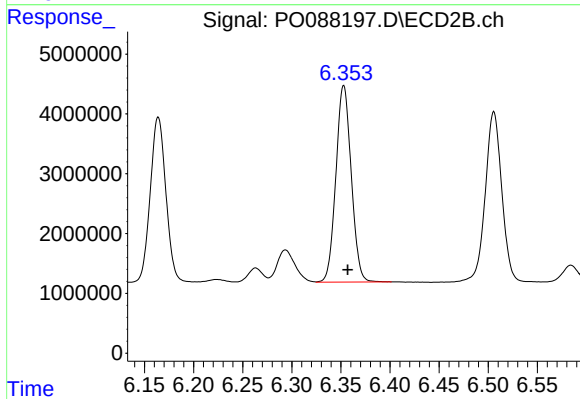
#31 AR-1260-1

R.T.: 6.164 min
Delta R.T.: -0.004 min
Response: 30953302
Conc: 571.11 ng/ml



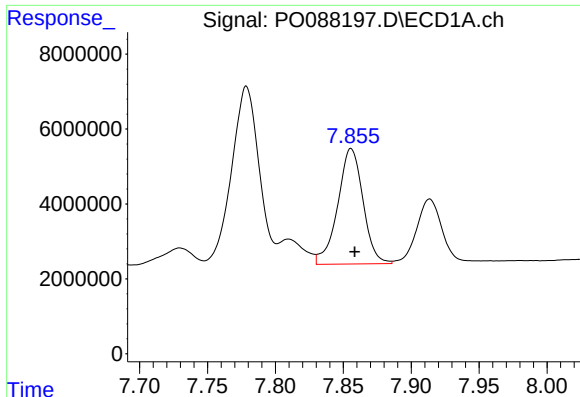
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: -0.002 min
Response: 55399613
Conc: 410.02 ng/ml



#32 AR-1260-2

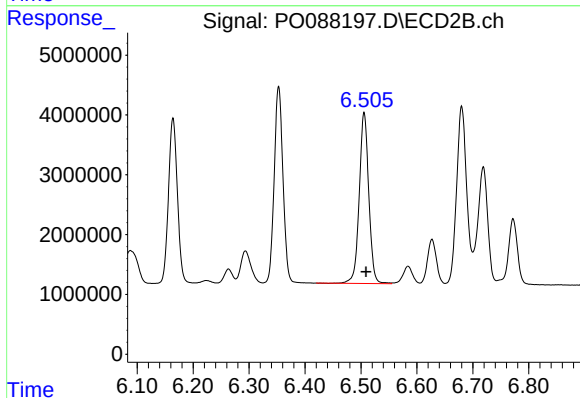
R.T.: 6.353 min
Delta R.T.: -0.004 min
Response: 35769089
Conc: 550.87 ng/ml



#33 AR-1260-3

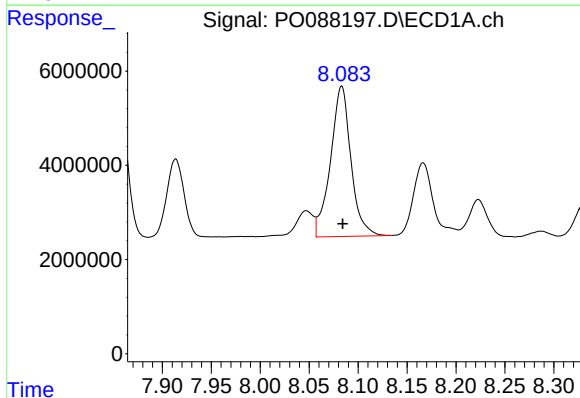
R.T.: 7.856 min
Delta R.T.: -0.003 min
Response: 39999838
Conc: 436.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



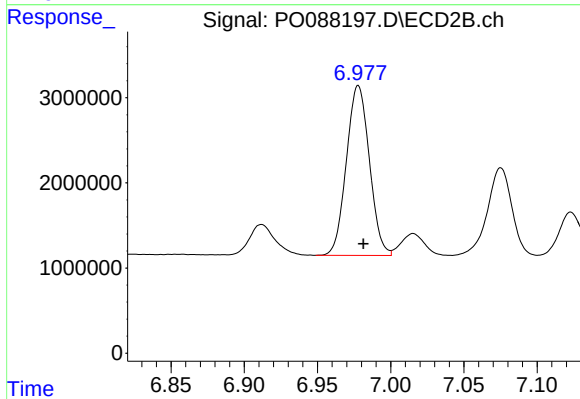
#33 AR-1260-3

R.T.: 6.506 min
Delta R.T.: -0.004 min
Response: 33821135
Conc: 543.73 ng/ml



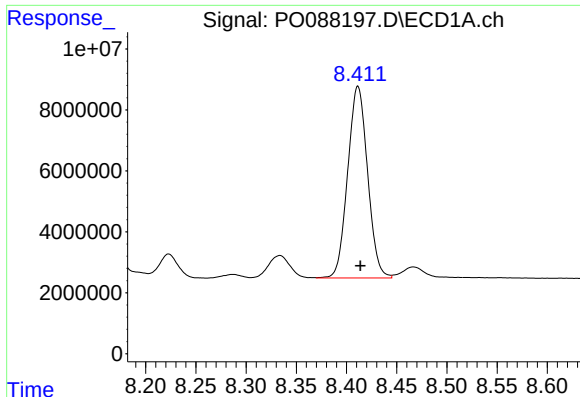
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 46380035
Conc: 429.35 ng/ml



#34 AR-1260-4

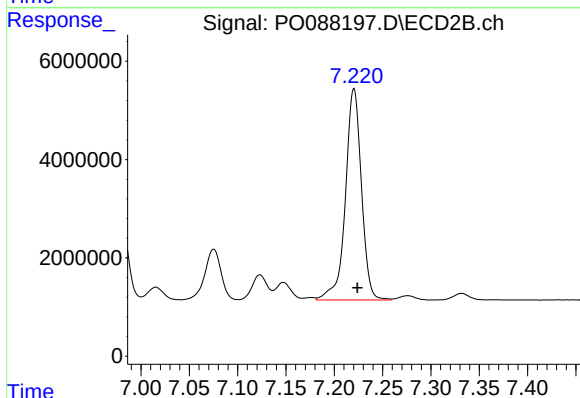
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 21819965
Conc: 461.31 ng/ml



#35 AR-1260-5

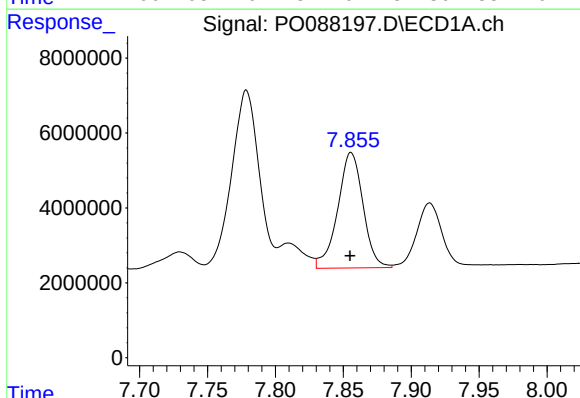
R.T.: 8.411 min
Delta R.T.: -0.003 min
Response: 86765619
Conc: 422.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



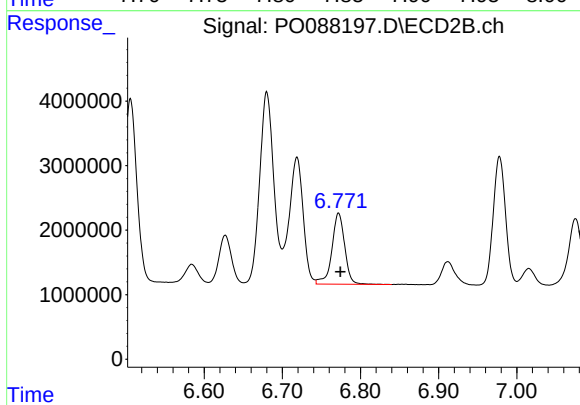
#35 AR-1260-5

R.T.: 7.220 min
Delta R.T.: -0.004 min
Response: 49489358
Conc: 432.53 ng/ml



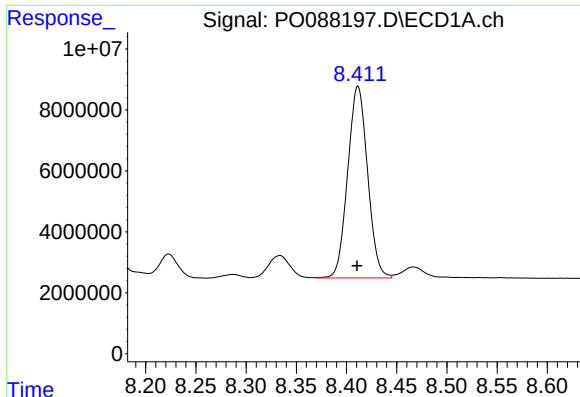
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 39999838
Conc: 291.19 ng/ml



#36 AR-1262-1

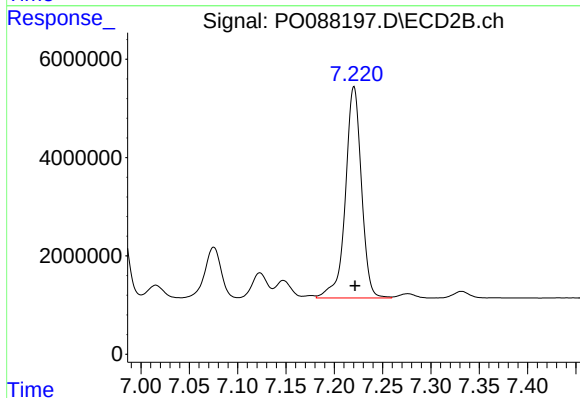
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 12609633
Conc: 416.03 ng/ml



#37 AR-1262-2

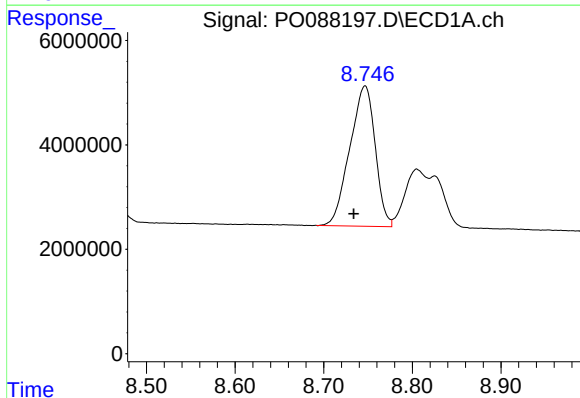
R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 86765619
Conc: 368.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



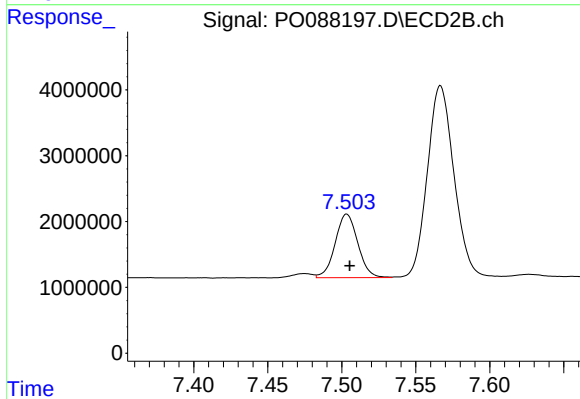
#37 AR-1262-2

R.T.: 7.220 min
Delta R.T.: -0.001 min
Response: 49489358
Conc: 368.32 ng/ml



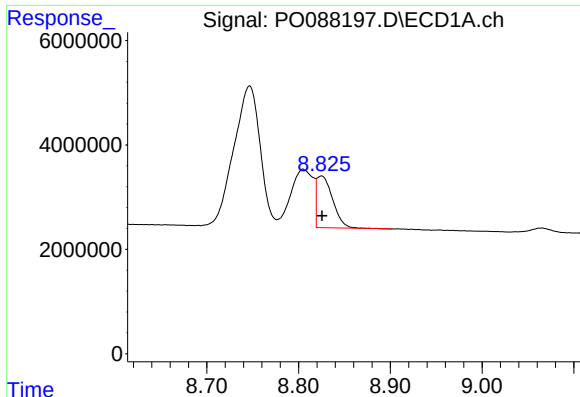
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.013 min
Response: 53592592
Conc: 323.35 ng/ml



#38 AR-1262-3

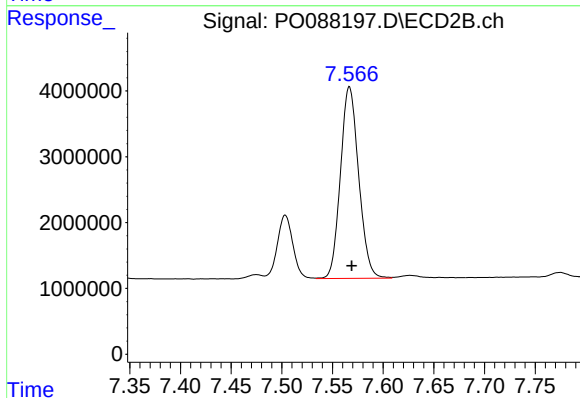
R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 10278928
Conc: 188.48 ng/ml



#39 AR-1262-4

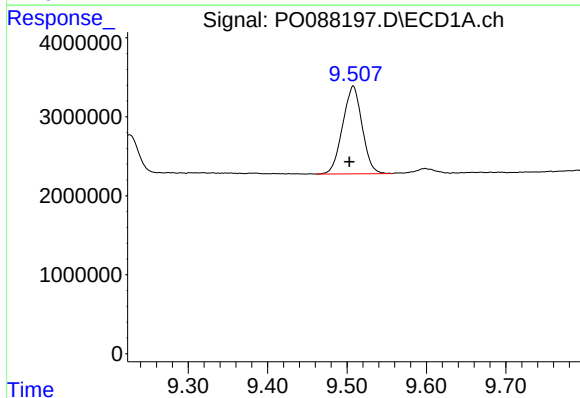
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 11935624
Conc: 142.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



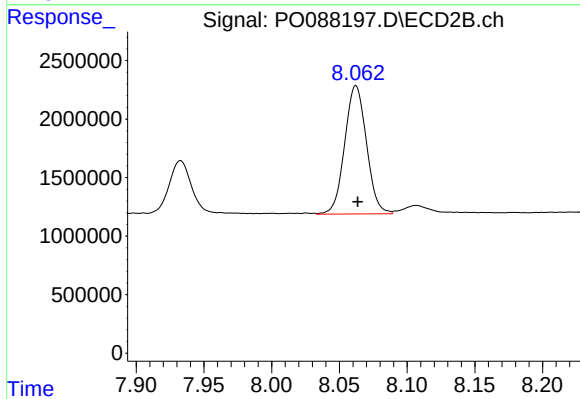
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: -0.002 min
Response: 36463717
Conc: 360.44 ng/ml



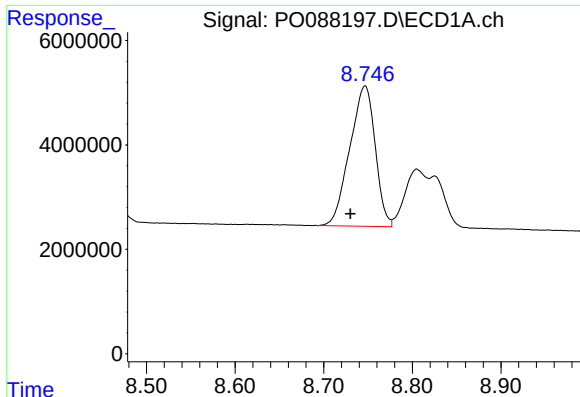
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.005 min
Response: 18945711
Conc: 212.59 ng/ml



#40 AR-1262-5

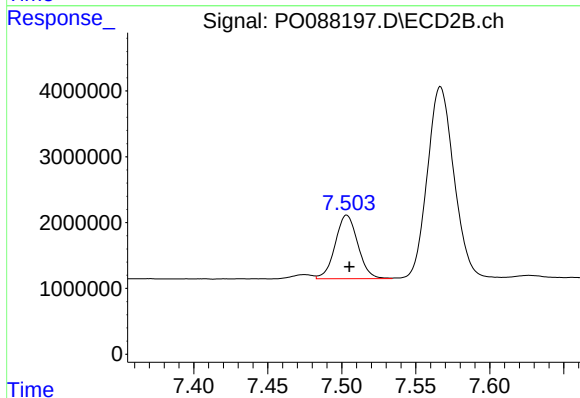
R.T.: 8.062 min
Delta R.T.: -0.001 min
Response: 12289362
Conc: 250.22 ng/ml



#41 AR-1268-1

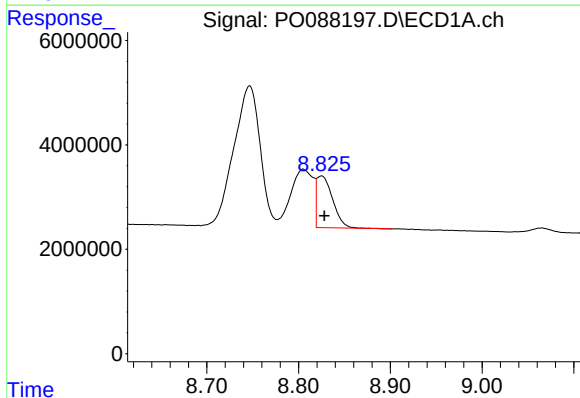
R.T.: 8.747 min
Delta R.T.: 0.017 min
Response: 53592592
Conc: 189.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



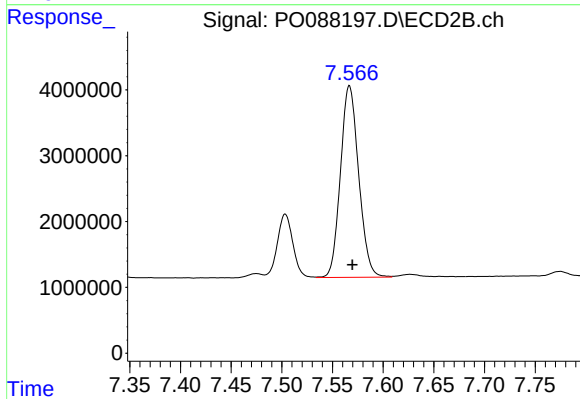
#41 AR-1268-1

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 10278928
Conc: 64.87 ng/ml



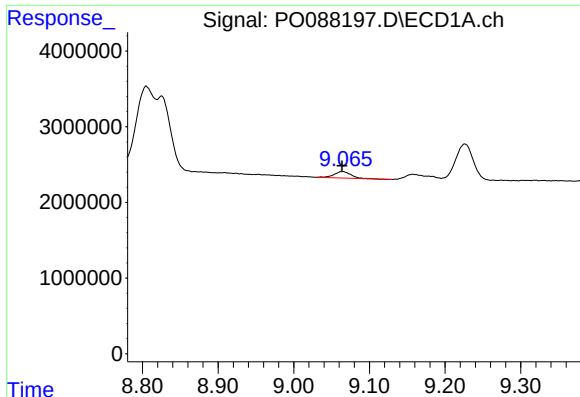
#42 AR-1268-2

R.T.: 8.825 min
Delta R.T.: -0.003 min
Response: 11935624
Conc: 45.91 ng/ml



#42 AR-1268-2

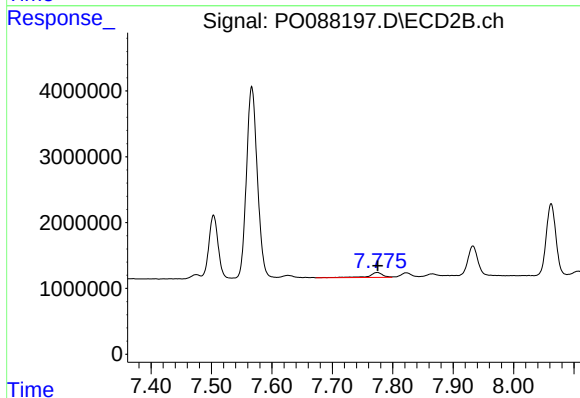
R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 36463717
Conc: 253.50 ng/ml



#43 AR-1268-3

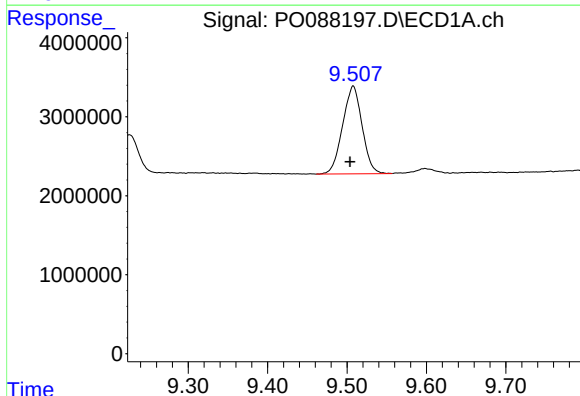
R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 1313124
Conc: 5.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



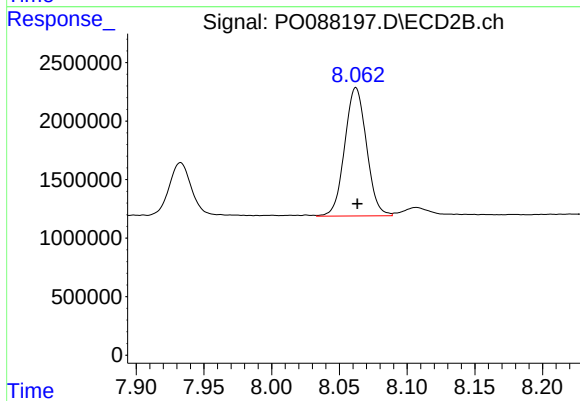
#43 AR-1268-3

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 1202683
Conc: 9.66 ng/ml



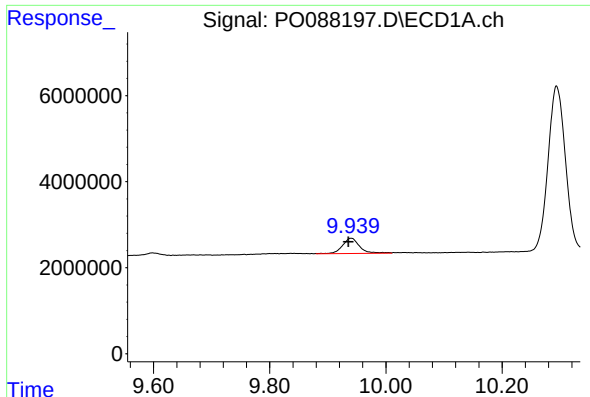
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: 0.004 min
Response: 18945711
Conc: 193.23 ng/ml



#44 AR-1268-4

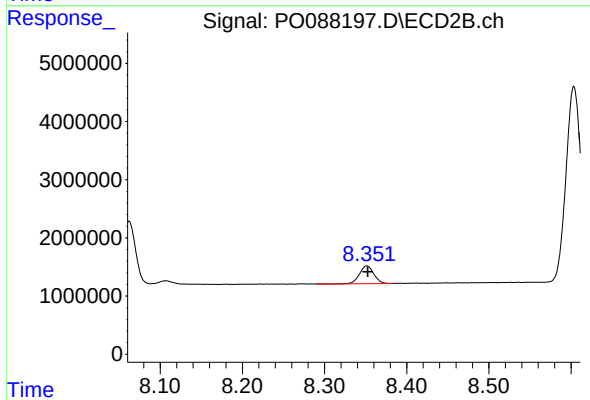
R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 12289362
Conc: 229.07 ng/ml



#45 AR-1268-5

R.T.: 9.940 min
Delta R.T.: 0.005 min
Response: 7229220
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.001 min
Response: 3736364
Conc: 9.66 ng/ml