

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072522\
 Data File : P0088291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2022 09:23
 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 25 11:36:47 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...	4.447	3.604	138.7E6	47074092	54.362	49.894
2)	SA Decachlor...	10.295	8.602	98772594	49250524	46.510	47.128
Target Compounds							
3)	L1 AR-1016-1	5.622	4.681	46313701	18335801	528.072	509.607
4)	L1 AR-1016-2	5.645	4.699	65243612	25356454	520.020	496.262
5)	L1 AR-1016-3	5.707	4.875	40856999	14109964	526.721	508.260
6)	L1 AR-1016-4	5.807	4.917	32831172	11600257	532.345	498.685
7)	L1 AR-1016-5	6.104	5.129	32192770	14827625	518.707	501.015
8)	L2 AR-1221-1	4.649	3.814	4798761	1657610	158.594	158.447
9)	L2 AR-1221-2	4.742	3.900	6746727	2479532	304.376	312.648
10)	L2 AR-1221-3	4.819	3.975	25675640	9261248	372.580	361.487
11)	L3 AR-1232-1	4.819	3.975	25675640	9261248	494.090	478.723
12)	L3 AR-1232-2	5.157	4.699	36400257	25356454	1419.838	1285.732
13)	L3 AR-1232-3	5.645	4.875	65243612	14109964	1356.746	1385.691
14)	L3 AR-1232-4	5.807	4.958	32831172	14372262	1411.727	1479.532
15)	L3 AR-1232-5	5.897	5.129	29744214	14827625	1530.904	1363.337
16)	L4 AR-1242-1	5.622	4.681	46313701	18335801	678.398	630.244
17)	L4 AR-1242-2	5.645	4.699	65243612	25356454	673.547	626.059
18)	L4 AR-1242-3	5.707	4.875	40856999	14109964	673.399	638.592
19)	L4 AR-1242-4	5.807	4.958	32831172	14372262	681.616	614.687
20)	L4 AR-1242-5	6.549	5.481	4751755	12072801	90.229	450.463 #
21)	L5 AR-1248-1	5.622	4.681	46313701	18335801	866.837	800.471
22)	L5 AR-1248-2	5.897	4.917	29744214	11600257	382.808	343.890
23)	L5 AR-1248-3	6.104	4.958	32192770	14372262	384.577	413.551
24)	L5 AR-1248-4	6.509	5.129	4869068	14827625	52.978	354.178 #
25)	L5 AR-1248-5	6.549	5.522	4751755	1684962	52.835	46.766
26)	L6 AR-1254-1	6.484	5.481	24126238	12072801	254.461	209.397
27)	L6 AR-1254-2	6.702	5.629	25406173	11342742	176.974	221.212
28)	L6 AR-1254-3	7.072	6.047	13506990	19998570	92.213	246.441 #
29)	L6 AR-1254-4	7.358	6.261	8471599	2222021	78.276	44.553 #
30)	L6 AR-1254-5	7.778	6.677	74877041	39408465	622.143	521.791
31)	L7 AR-1260-1	7.237	6.161	54760626	28282088	470.626	521.828
32)	L7 AR-1260-2	7.494	6.350	63006048	34016221	466.319	523.872
33)	L7 AR-1260-3	7.856	6.503	42688372	32056148	466.282	515.354
34)	L7 AR-1260-4	8.083	6.975	51543885	24614580	477.157	520.390
35)	L7 AR-1260-5	8.412	7.218	98447729	57600926	479.761	503.428
36)	L8 AR-1262-1	7.856	6.770	42688372	13408584	310.762	442.389 #
37)	L8 AR-1262-2	8.412	7.218	98447729	57600926	418.330	428.691
38)	L8 AR-1262-3	8.747	7.501	66275370	11846770	399.874	217.230 #
39)	L8 AR-1262-4	8.807	7.565	39400038	42237837	471.967	417.519
40)	L8 AR-1262-5	9.507	8.060	27072217	14061184	303.771	286.296
41)	L9 AR-1268-1	8.747	7.501	66275370	11846770	234.336	74.770 #

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 ALS Vial : 3 Sample Multiplier: 1

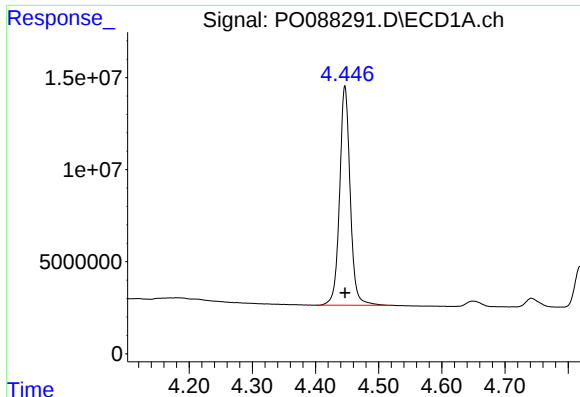
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.807	7.565	39400038	42237837	151.538	293.642 #
43) L9	AR-1268-3	9.067	7.772	2088548	1089030	9.327	8.743
44) L9	AR-1268-4	9.507	8.060	27072217	14061184	276.119	262.100
45) L9	AR-1268-5	9.939	8.351	8818987	4642670	12.139	12.007

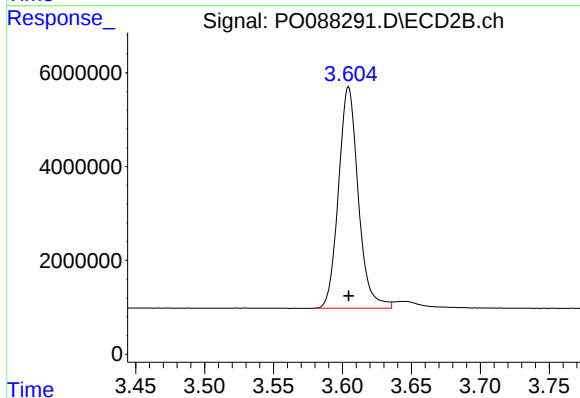
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

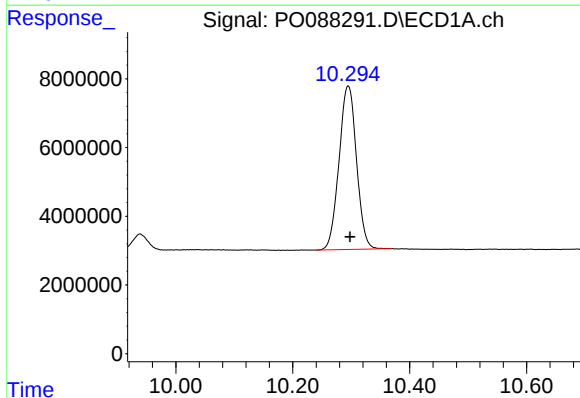
R.T.: 4.447 min
Delta R.T.: 0.000 min
Response: 138688366
Conc: 54.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



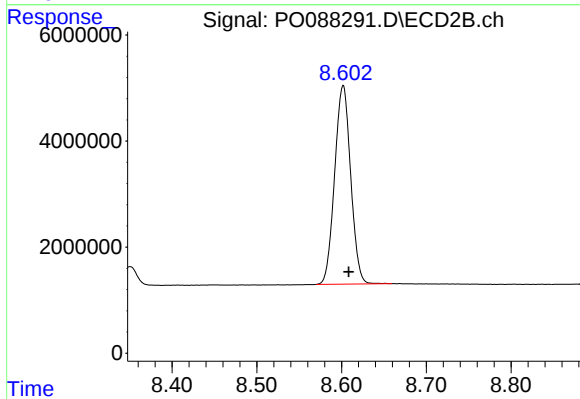
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 47074092
Conc: 49.89 ng/ml



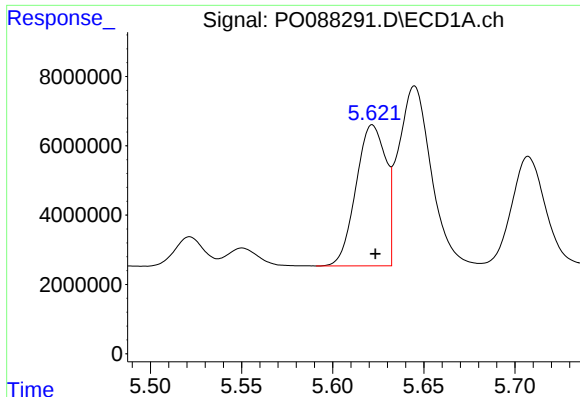
#2 Decachlorobiphenyl

R.T.: 10.295 min
Delta R.T.: -0.003 min
Response: 98772594
Conc: 46.51 ng/ml



#2 Decachlorobiphenyl

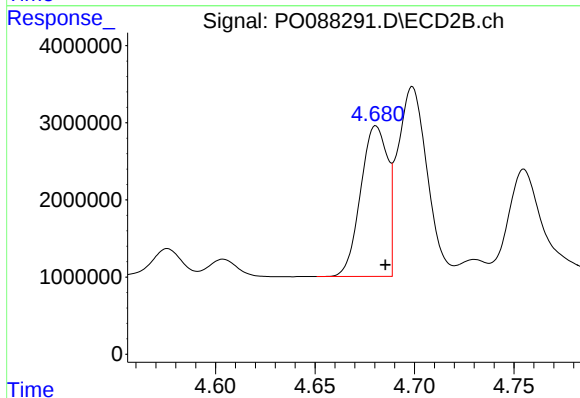
R.T.: 8.602 min
Delta R.T.: -0.007 min
Response: 49250524
Conc: 47.13 ng/ml



#3 AR-1016-1

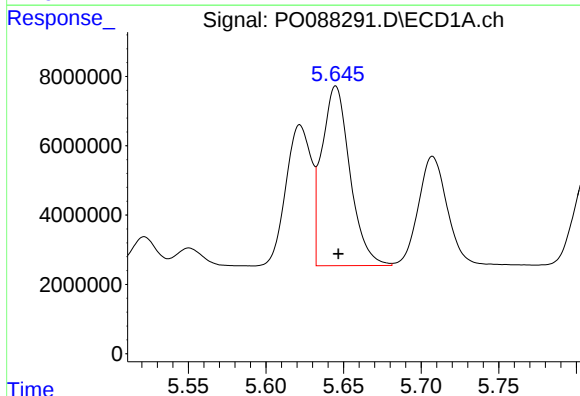
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 46313701
Conc: 528.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



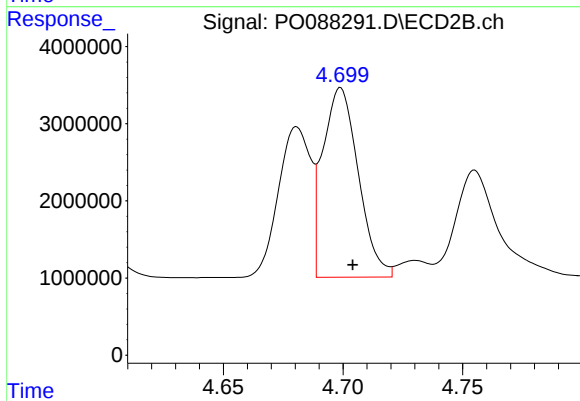
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 18335801
Conc: 509.61 ng/ml



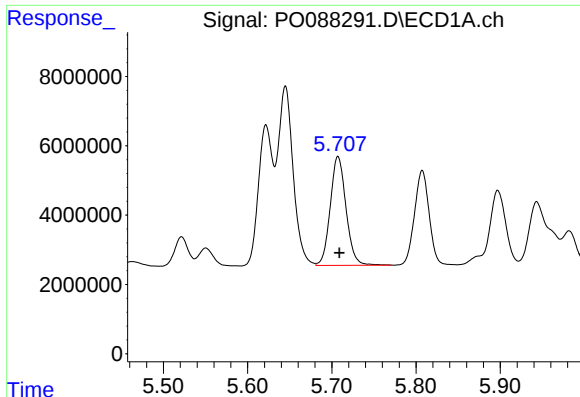
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 65243612
Conc: 520.02 ng/ml



#4 AR-1016-2

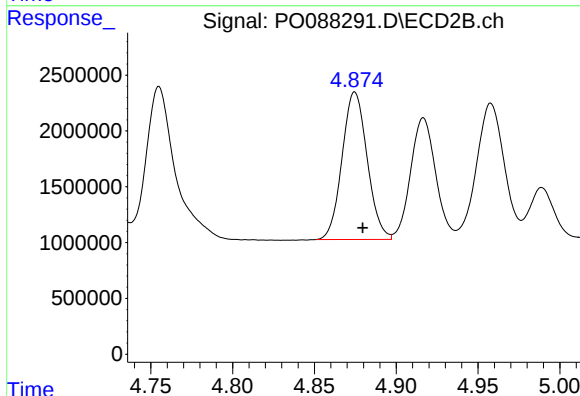
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 25356454
Conc: 496.26 ng/ml



#5 AR-1016-3

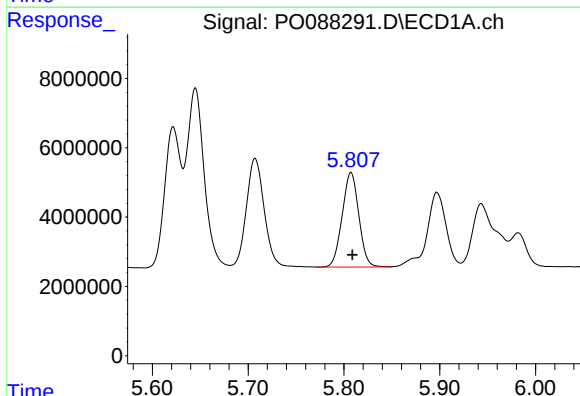
R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 40856999
Conc: 526.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



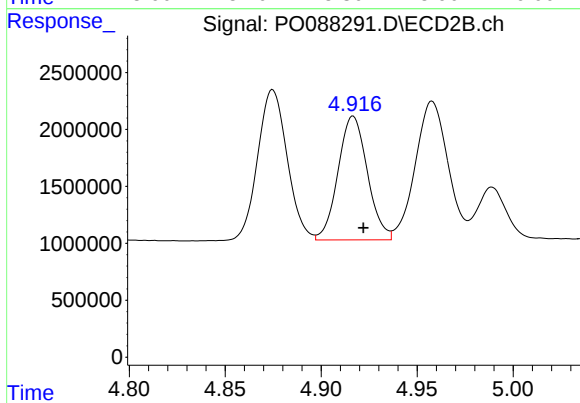
#5 AR-1016-3

R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 14109964
Conc: 508.26 ng/ml



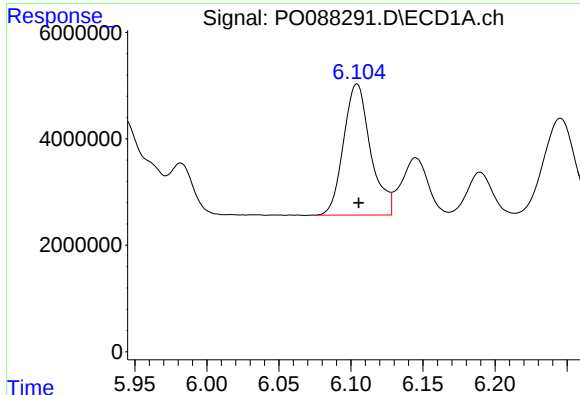
#6 AR-1016-4

R.T.: 5.807 min
Delta R.T.: -0.001 min
Response: 32831172
Conc: 532.35 ng/ml



#6 AR-1016-4

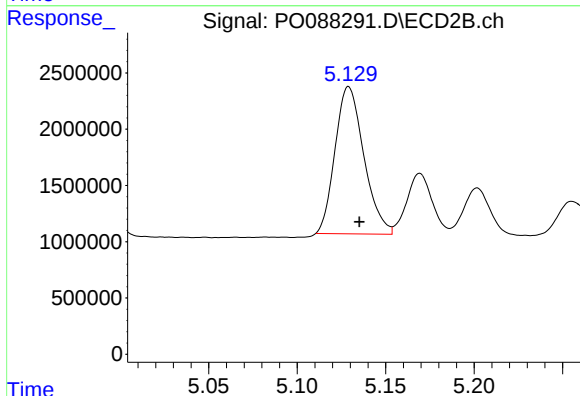
R.T.: 4.917 min
Delta R.T.: -0.005 min
Response: 11600257
Conc: 498.69 ng/ml



#7 AR-1016-5

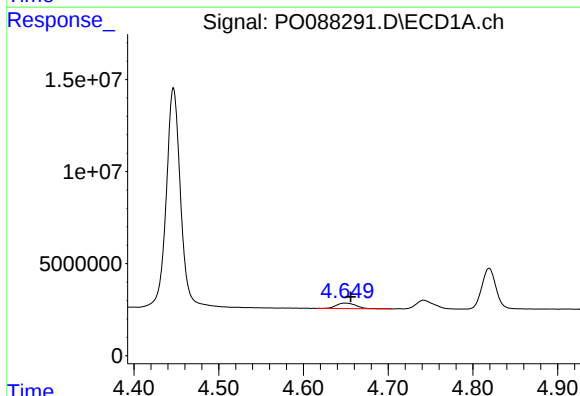
R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 32192770
Conc: 518.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



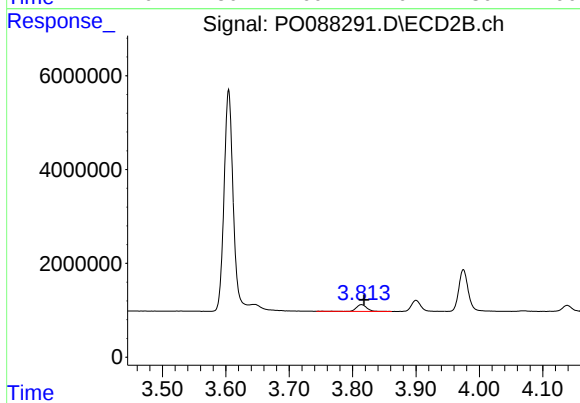
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 14827625
Conc: 501.02 ng/ml



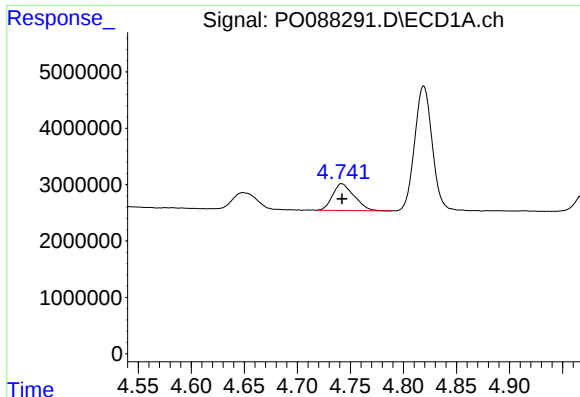
#8 AR-1221-1

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 4798761
Conc: 158.59 ng/ml



#8 AR-1221-1

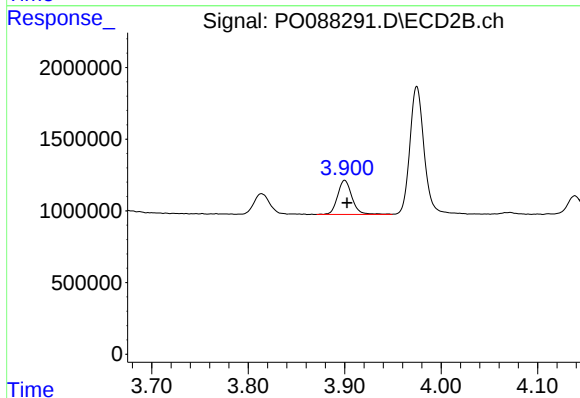
R.T.: 3.814 min
Delta R.T.: -0.004 min
Response: 1657610
Conc: 158.45 ng/ml



#9 AR-1221-2

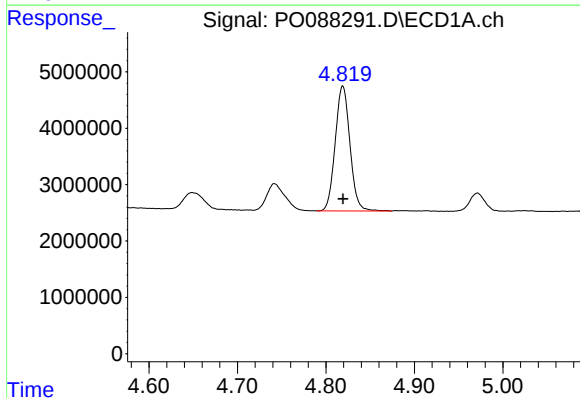
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 6746727
Conc: 304.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



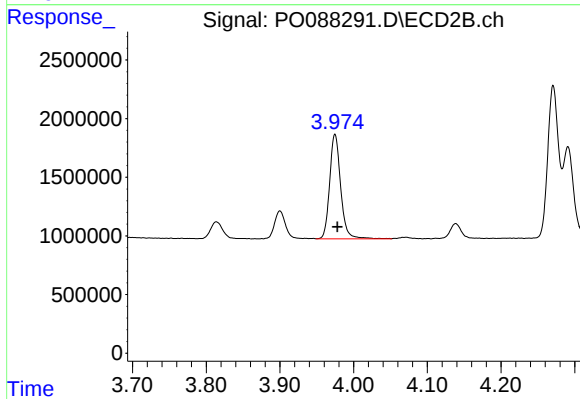
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.003 min
Response: 2479532
Conc: 312.65 ng/ml



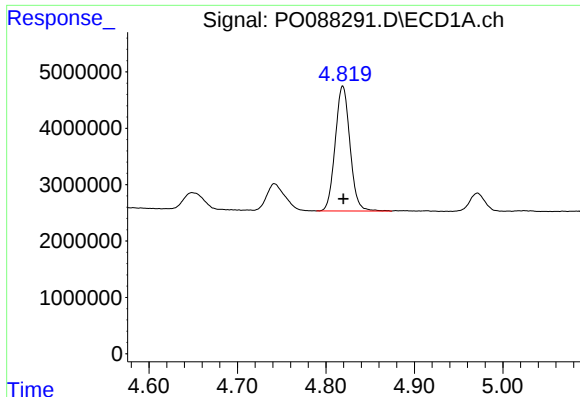
#10 AR-1221-3

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 25675640
Conc: 372.58 ng/ml



#10 AR-1221-3

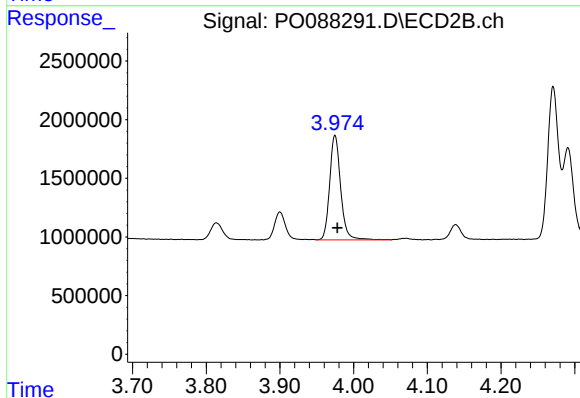
R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 9261248
Conc: 361.49 ng/ml



#11 AR-1232-1

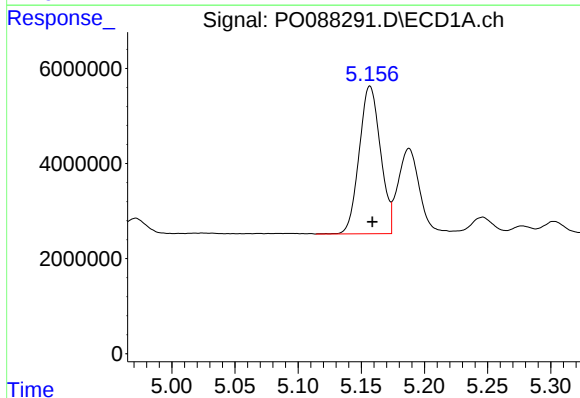
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 25675640
Conc: 494.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



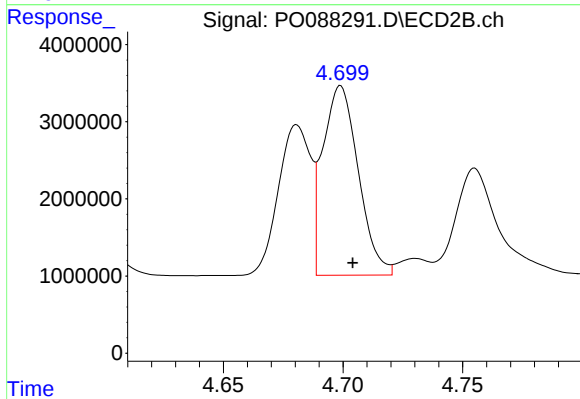
#11 AR-1232-1

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 9261248
Conc: 478.72 ng/ml



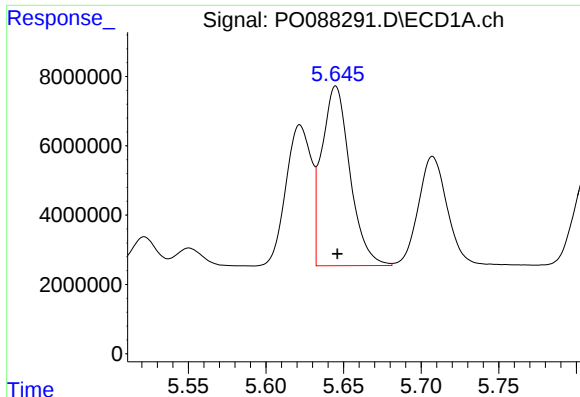
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.002 min
Response: 36400257
Conc: 1419.84 ng/ml



#12 AR-1232-2

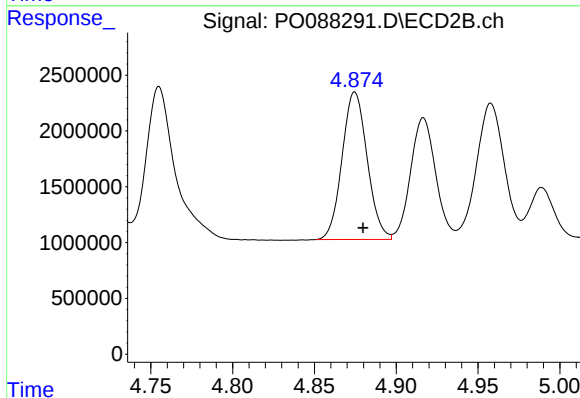
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 25356454
Conc: 1285.73 ng/ml



#13 AR-1232-3

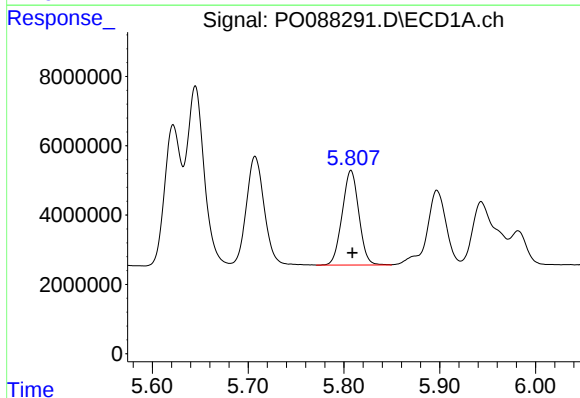
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 65243612
Conc: 1356.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



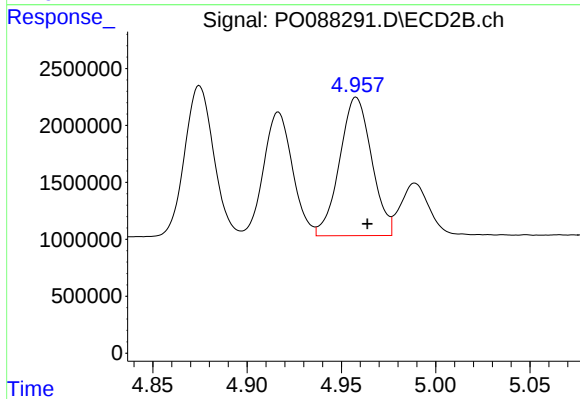
#13 AR-1232-3

R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 14109964
Conc: 1385.69 ng/ml



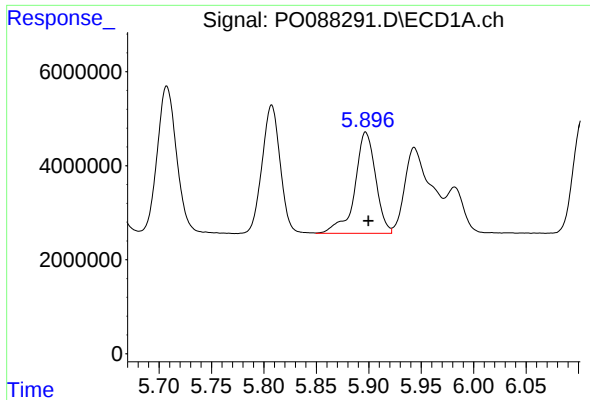
#14 AR-1232-4

R.T.: 5.807 min
Delta R.T.: -0.001 min
Response: 32831172
Conc: 1411.73 ng/ml



#14 AR-1232-4

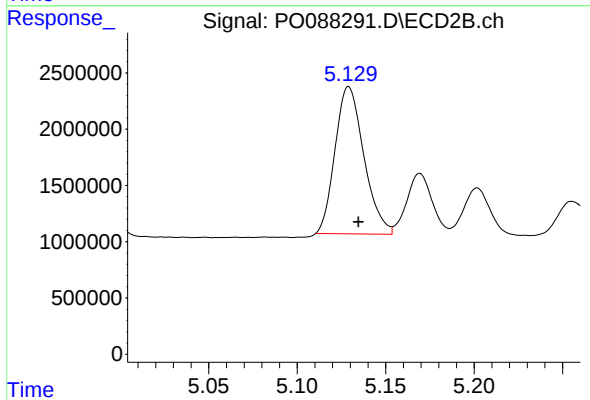
R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 14372262
Conc: 1479.53 ng/ml



#15 AR-1232-5

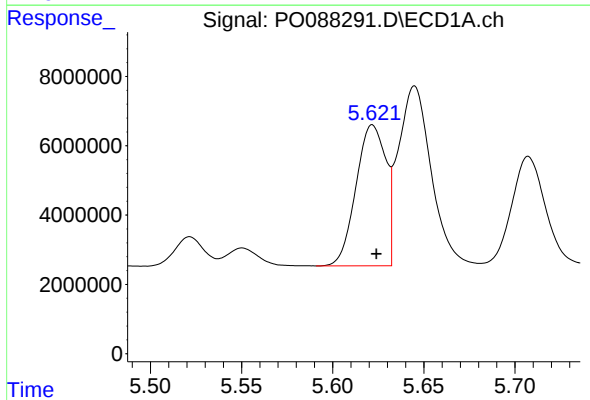
R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 29744214
Conc: 1530.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



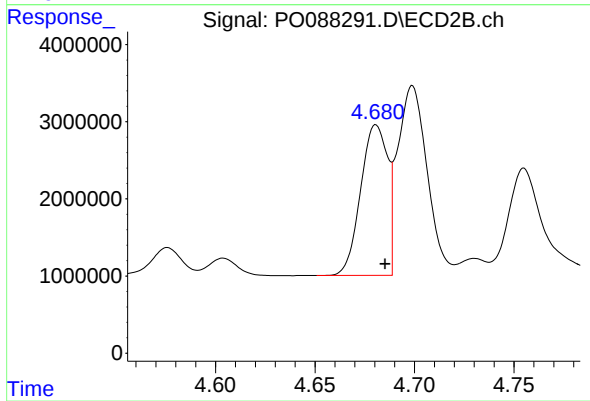
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 14827625
Conc: 1363.34 ng/ml



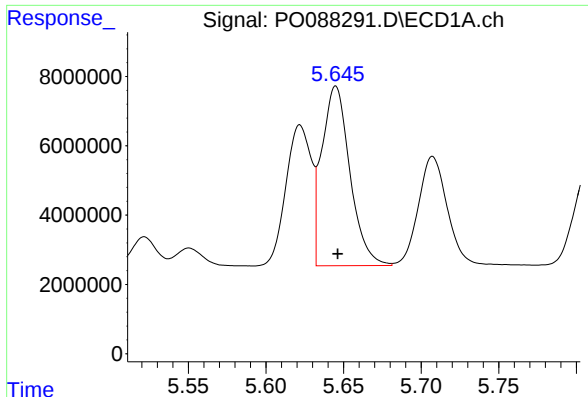
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 46313701
Conc: 678.40 ng/ml



#16 AR-1242-1

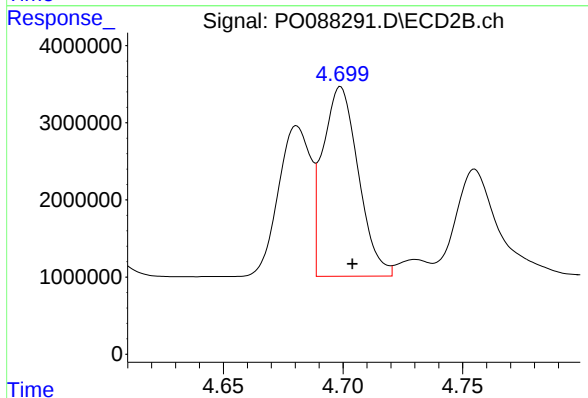
R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 18335801
Conc: 630.24 ng/ml



#17 AR-1242-2

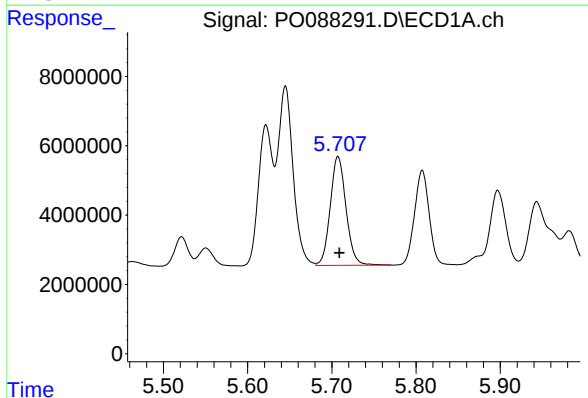
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 65243612
Conc: 673.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



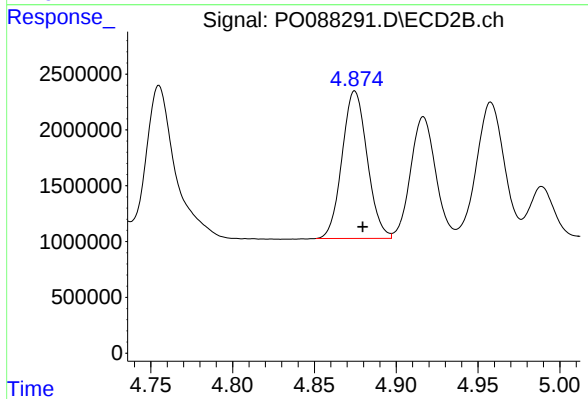
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 25356454
Conc: 626.06 ng/ml



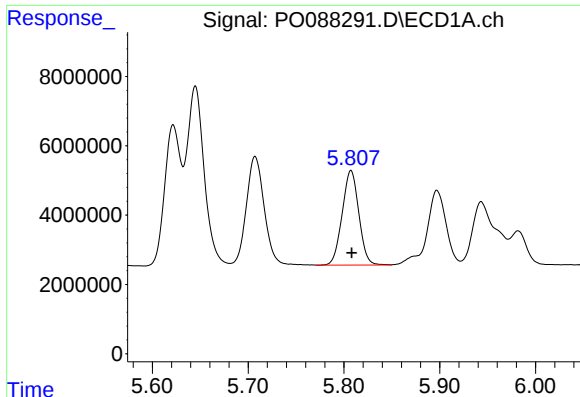
#18 AR-1242-3

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 40856999
Conc: 673.40 ng/ml



#18 AR-1242-3

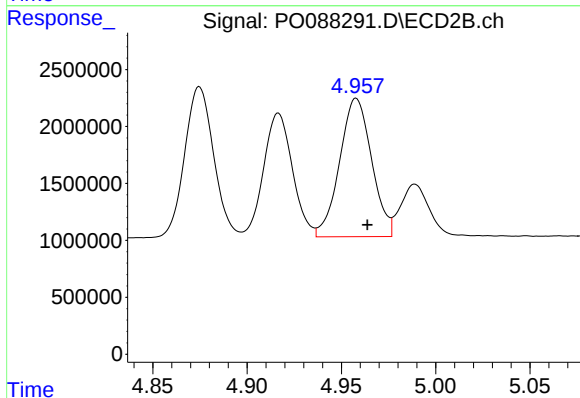
R.T.: 4.875 min
Delta R.T.: -0.005 min
Response: 14109964
Conc: 638.59 ng/ml



#19 AR-1242-4

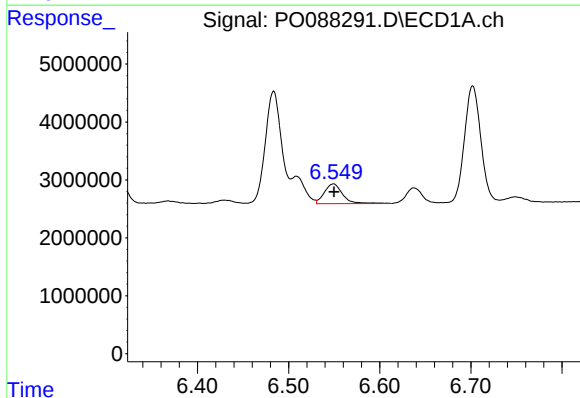
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 32831172
Conc: 681.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



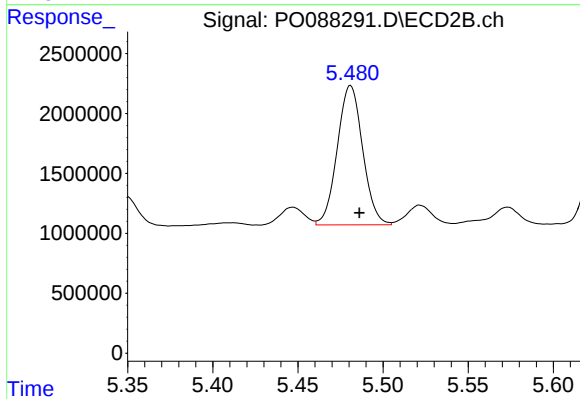
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 14372262
Conc: 614.69 ng/ml



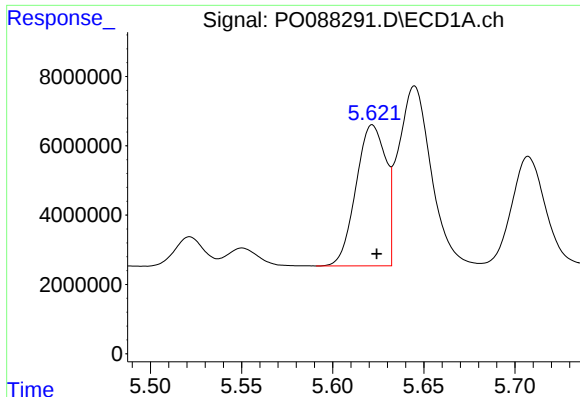
#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 4751755
Conc: 90.23 ng/ml



#20 AR-1242-5

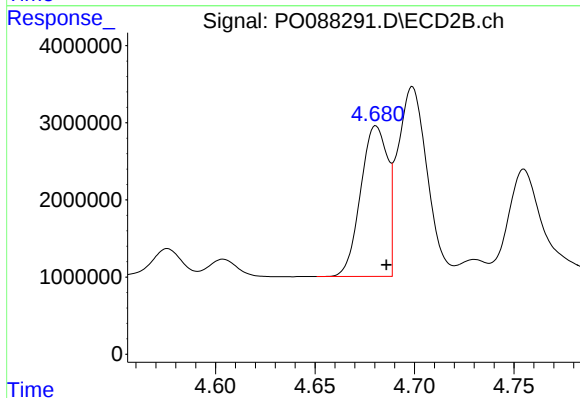
R.T.: 5.481 min
Delta R.T.: -0.005 min
Response: 12072801
Conc: 450.46 ng/ml



#21 AR-1248-1

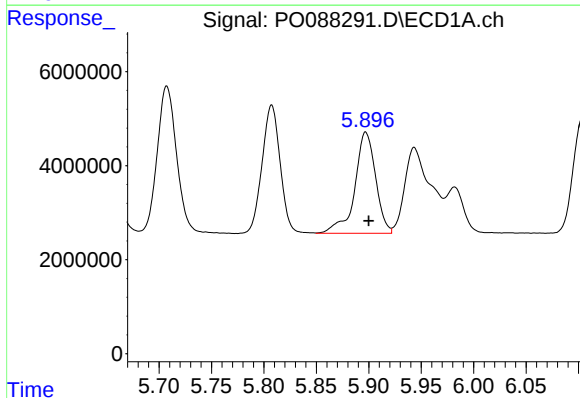
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 46313701
Conc: 866.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



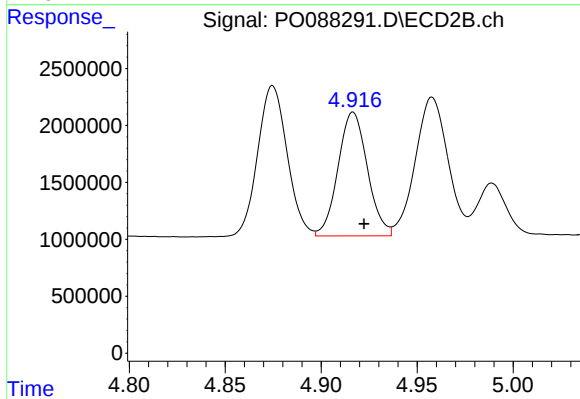
#21 AR-1248-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 18335801
Conc: 800.47 ng/ml



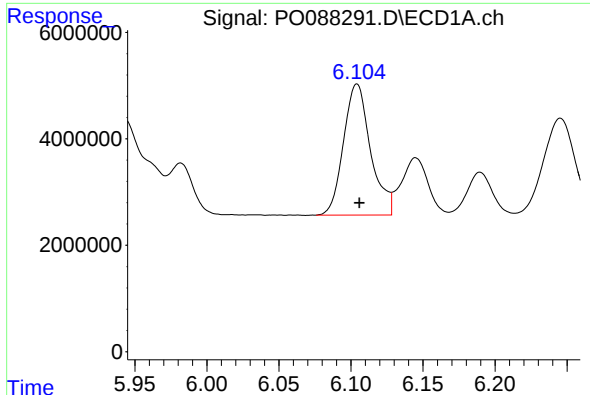
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 29744214
Conc: 382.81 ng/ml



#22 AR-1248-2

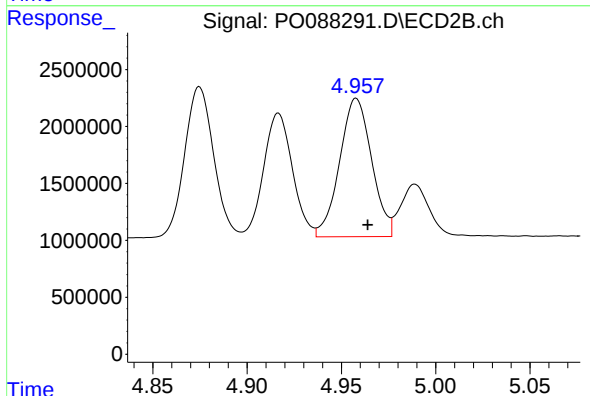
R.T.: 4.917 min
Delta R.T.: -0.006 min
Response: 11600257
Conc: 343.89 ng/ml



#23 AR-1248-3

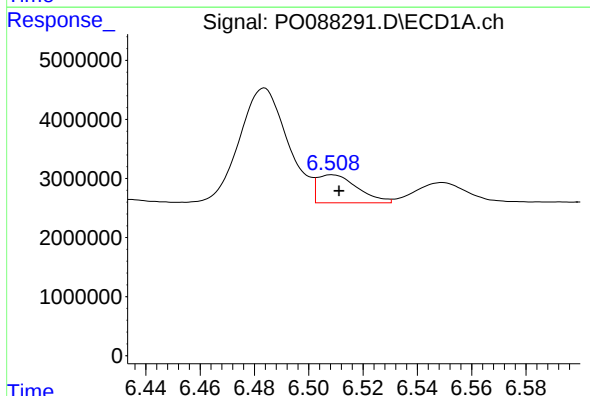
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 32192770
Conc: 384.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



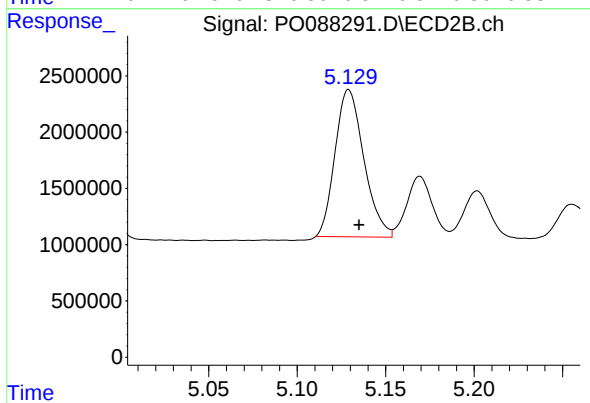
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 14372262
Conc: 413.55 ng/ml



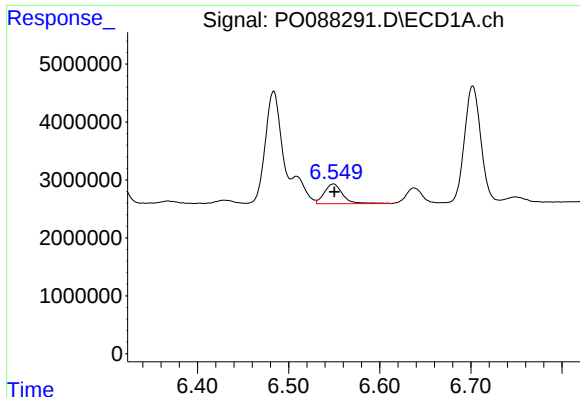
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 4869068
Conc: 52.98 ng/ml



#24 AR-1248-4

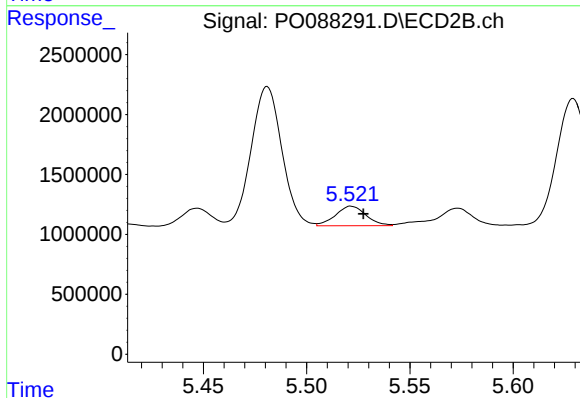
R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 14827625
Conc: 354.18 ng/ml



#25 AR-1248-5

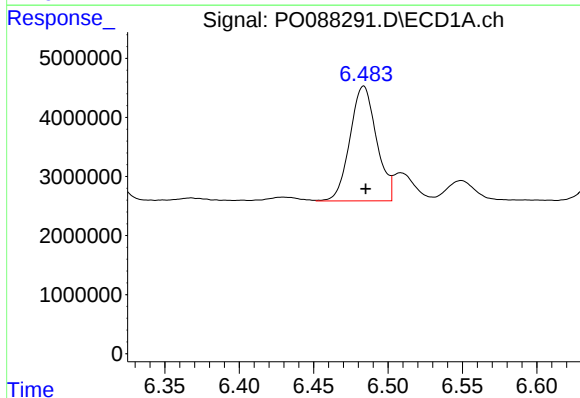
R.T.: 6.549 min
Delta R.T.: -0.001 min
Response: 4751755
Conc: 52.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



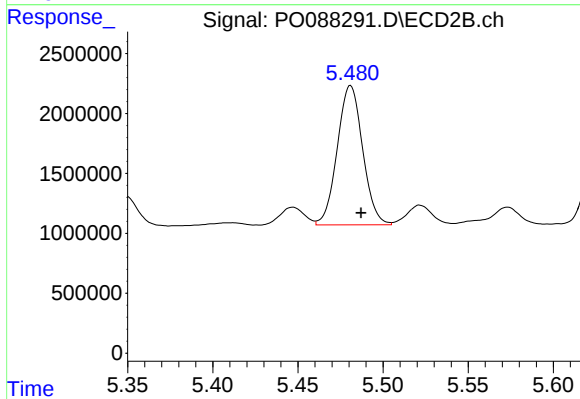
#25 AR-1248-5

R.T.: 5.522 min
Delta R.T.: -0.006 min
Response: 1684962
Conc: 46.77 ng/ml



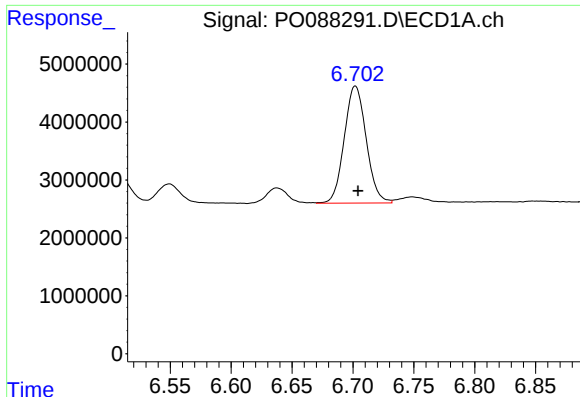
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 24126238
Conc: 254.46 ng/ml



#26 AR-1254-1

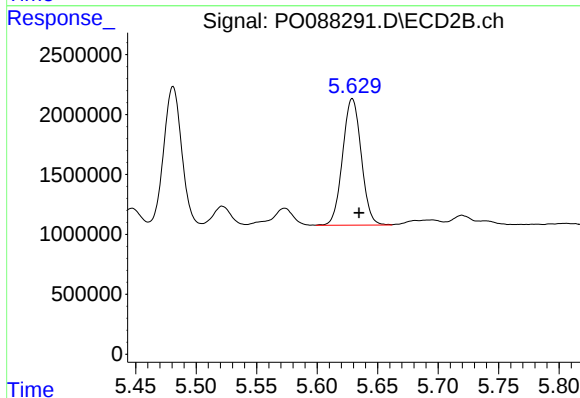
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 12072801
Conc: 209.40 ng/ml



#27 AR-1254-2

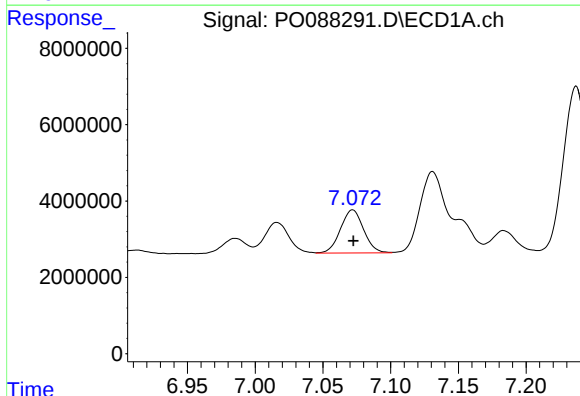
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 25406173
Conc: 176.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



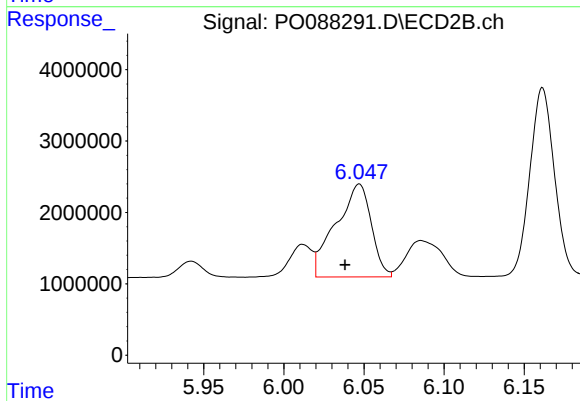
#27 AR-1254-2

R.T.: 5.629 min
Delta R.T.: -0.006 min
Response: 11342742
Conc: 221.21 ng/ml



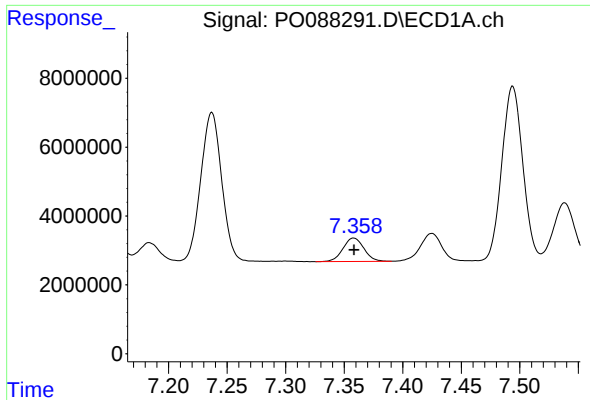
#28 AR-1254-3

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 13506990
Conc: 92.21 ng/ml



#28 AR-1254-3

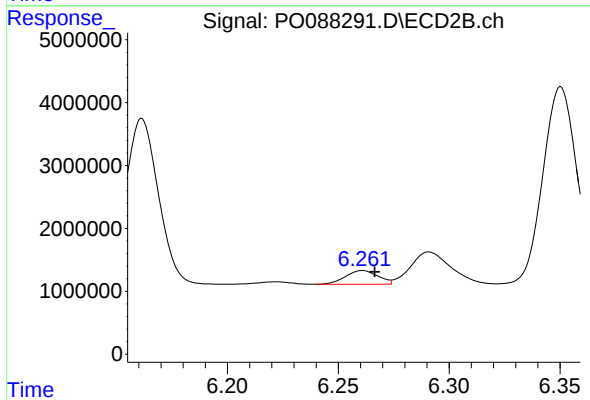
R.T.: 6.047 min
Delta R.T.: 0.009 min
Response: 19998570
Conc: 246.44 ng/ml



#29 AR-1254-4

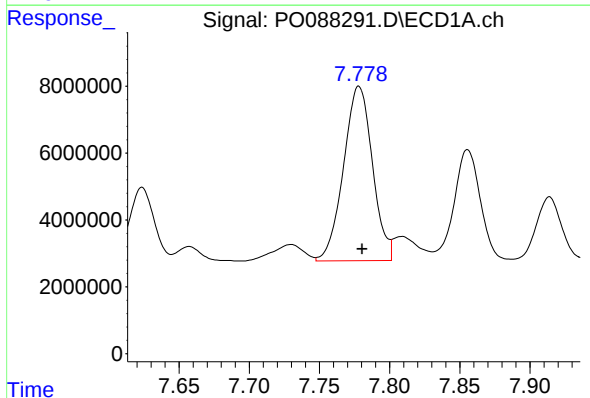
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 8471599
Conc: 78.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



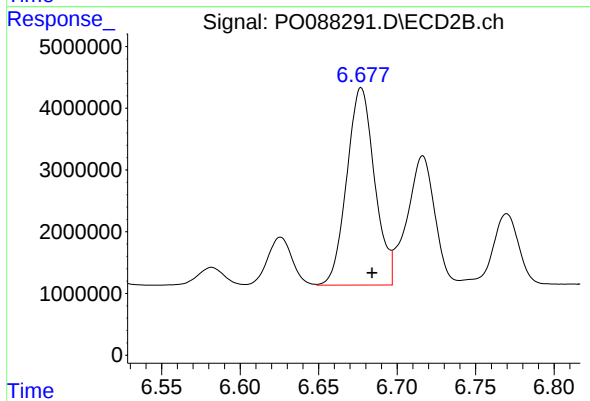
#29 AR-1254-4

R.T.: 6.261 min
Delta R.T.: -0.006 min
Response: 2222021
Conc: 44.55 ng/ml



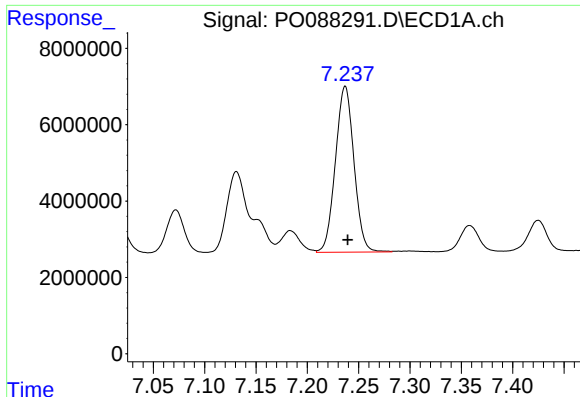
#30 AR-1254-5

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 74877041
Conc: 622.14 ng/ml



#30 AR-1254-5

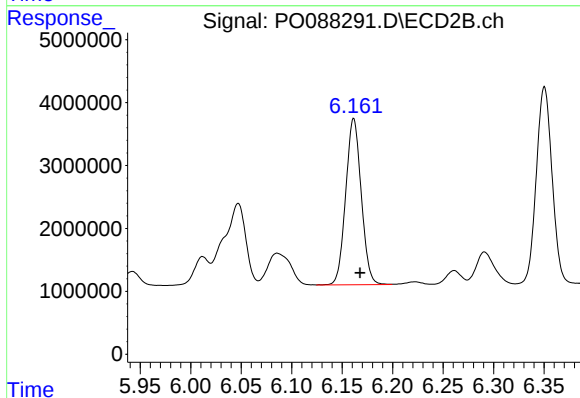
R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 39408465
Conc: 521.79 ng/ml



#31 AR-1260-1

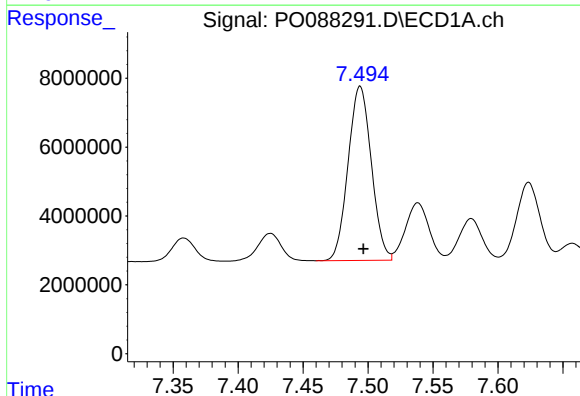
R.T.: 7.237 min
Delta R.T.: -0.003 min
Response: 54760626
Conc: 470.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



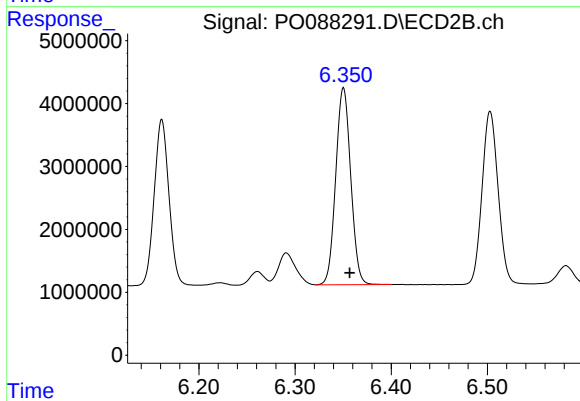
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: -0.006 min
Response: 28282088
Conc: 521.83 ng/ml



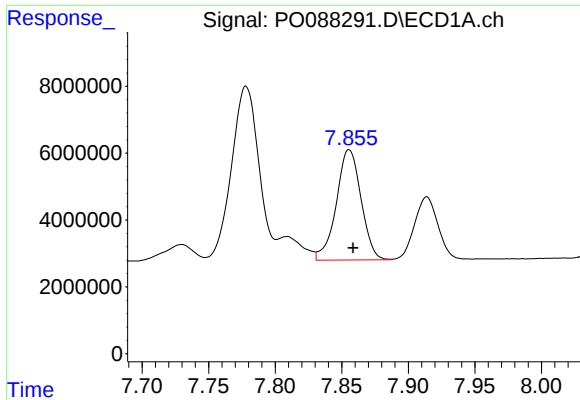
#32 AR-1260-2

R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 63006048
Conc: 466.32 ng/ml



#32 AR-1260-2

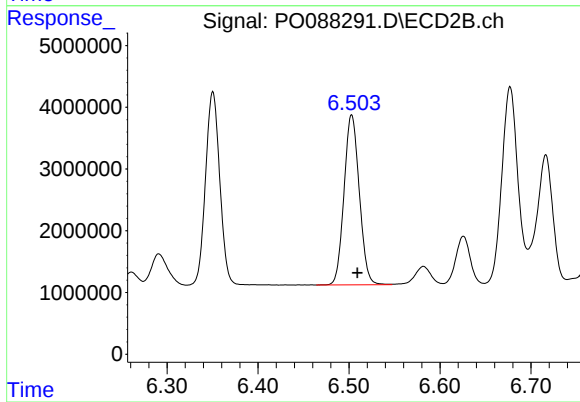
R.T.: 6.350 min
Delta R.T.: -0.007 min
Response: 34016221
Conc: 523.87 ng/ml



#33 AR-1260-3

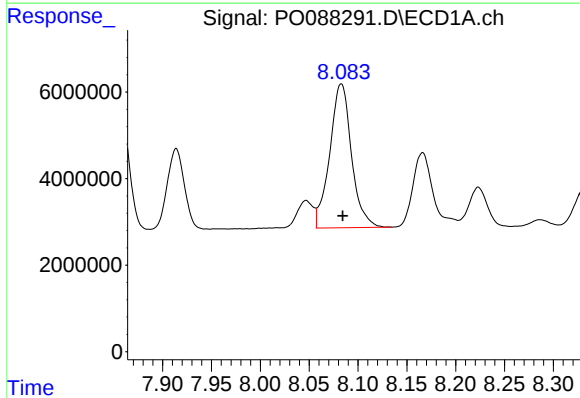
R.T.: 7.856 min
Delta R.T.: -0.003 min
Response: 42688372
Conc: 466.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



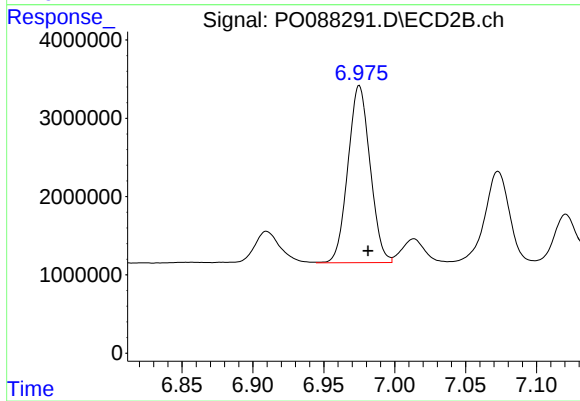
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 32056148
Conc: 515.35 ng/ml



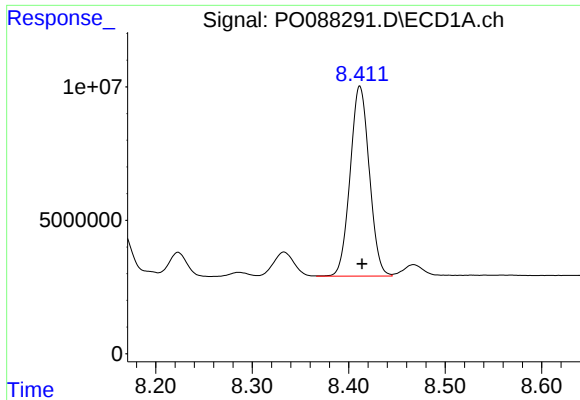
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 51543885
Conc: 477.16 ng/ml



#34 AR-1260-4

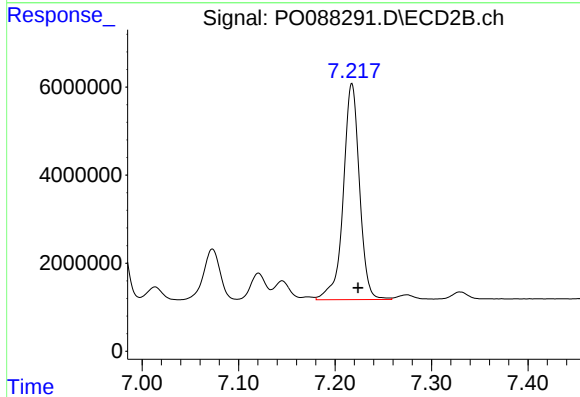
R.T.: 6.975 min
Delta R.T.: -0.006 min
Response: 24614580
Conc: 520.39 ng/ml



#35 AR-1260-5

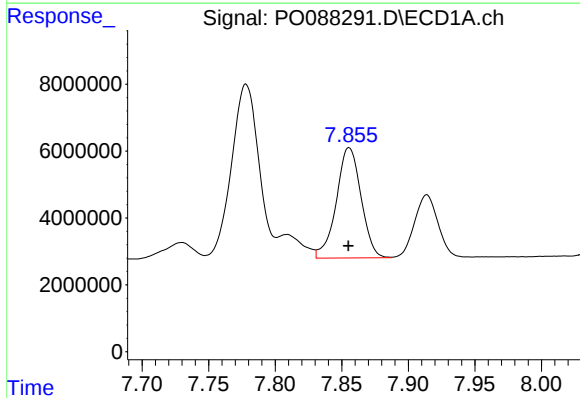
R.T.: 8.412 min
Delta R.T.: -0.002 min
Response: 98447729
Conc: 479.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



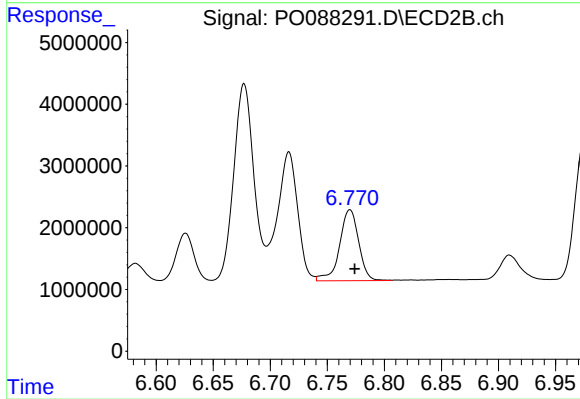
#35 AR-1260-5

R.T.: 7.218 min
Delta R.T.: -0.006 min
Response: 57600926
Conc: 503.43 ng/ml



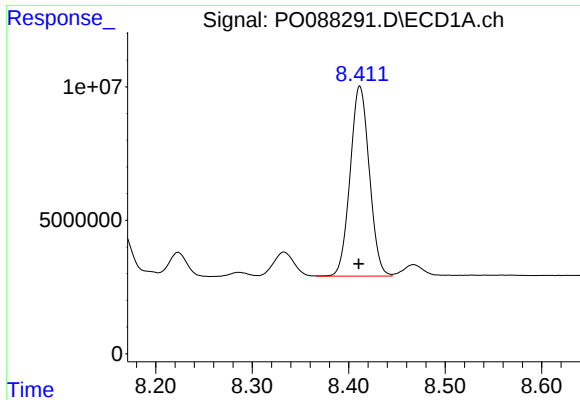
#36 AR-1262-1

R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 42688372
Conc: 310.76 ng/ml



#36 AR-1262-1

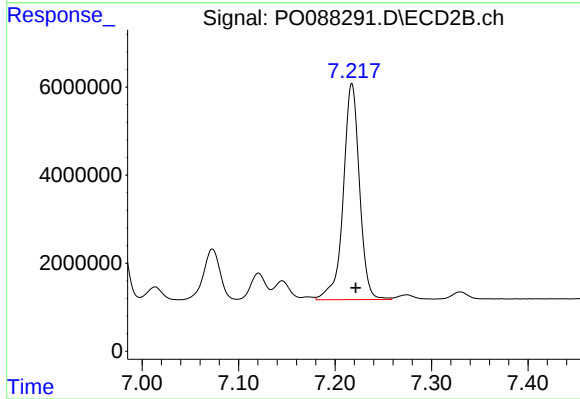
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 13408584
Conc: 442.39 ng/ml



#37 AR-1262-2

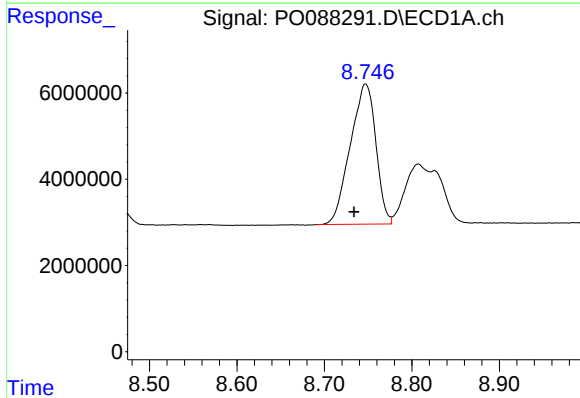
R.T.: 8.412 min
Delta R.T.: 0.001 min
Response: 98447729
Conc: 418.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



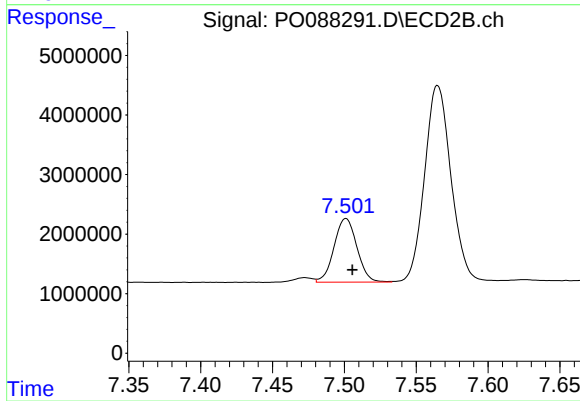
#37 AR-1262-2

R.T.: 7.218 min
Delta R.T.: -0.004 min
Response: 57600926
Conc: 428.69 ng/ml



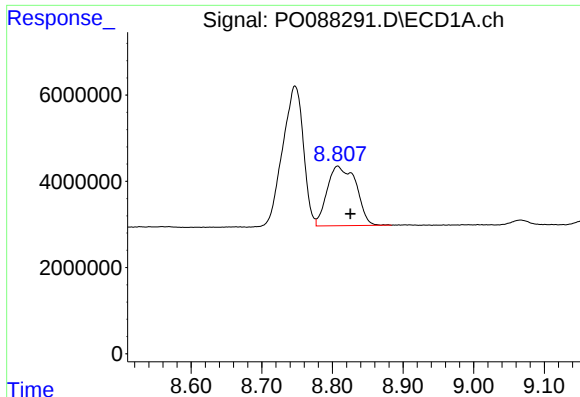
#38 AR-1262-3

R.T.: 8.747 min
Delta R.T.: 0.013 min
Response: 66275370
Conc: 399.87 ng/ml



#38 AR-1262-3

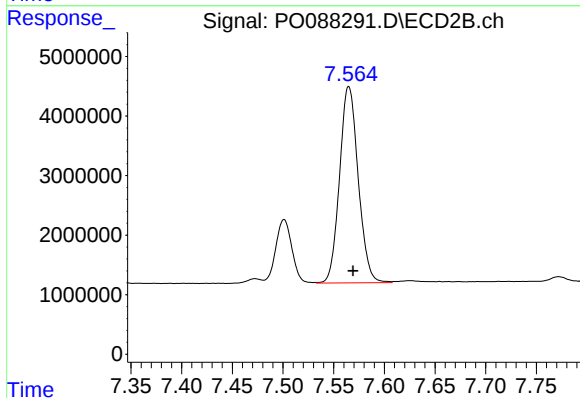
R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 11846770
Conc: 217.23 ng/ml



#39 AR-1262-4

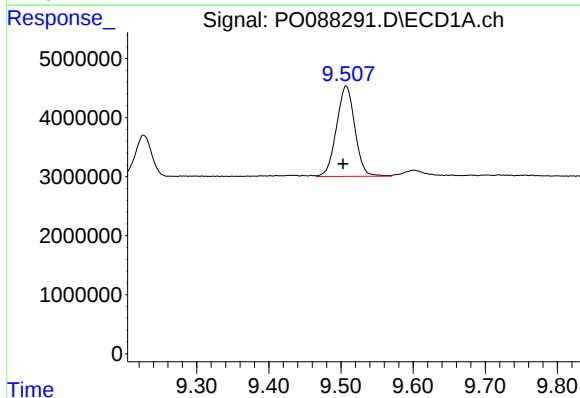
R.T.: 8.807 min
Delta R.T.: -0.018 min
Response: 39400038
Conc: 471.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



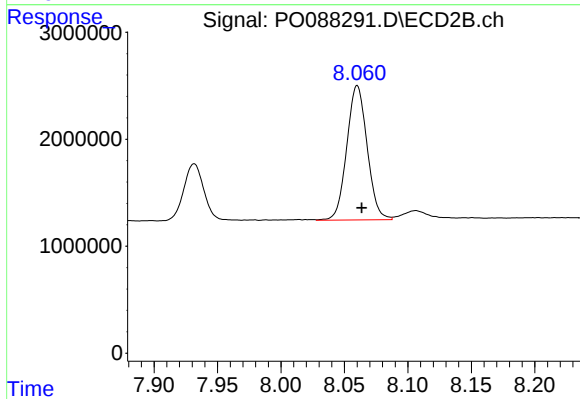
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.004 min
Response: 42237837
Conc: 417.52 ng/ml



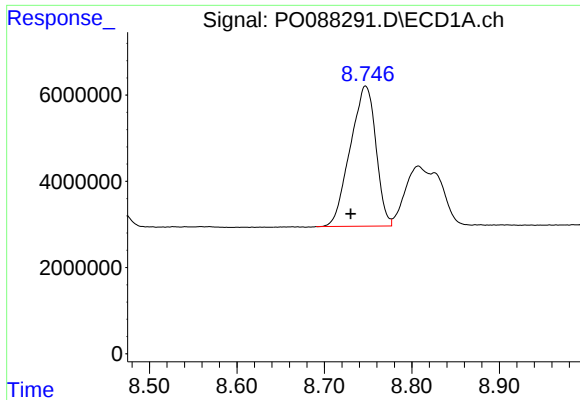
#40 AR-1262-5

R.T.: 9.507 min
Delta R.T.: 0.004 min
Response: 27072217
Conc: 303.77 ng/ml



#40 AR-1262-5

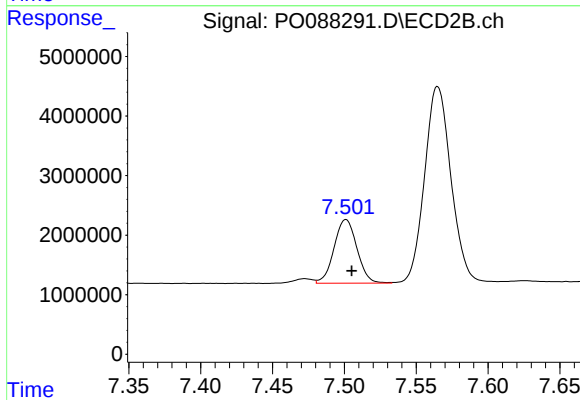
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 14061184
Conc: 286.30 ng/ml



#41 AR-1268-1

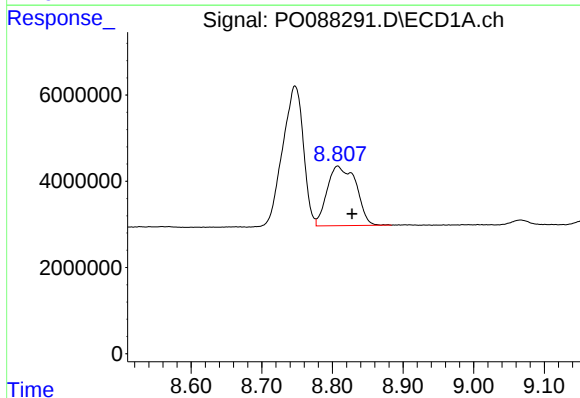
R.T.: 8.747 min
Delta R.T.: 0.017 min
Response: 66275370
Conc: 234.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



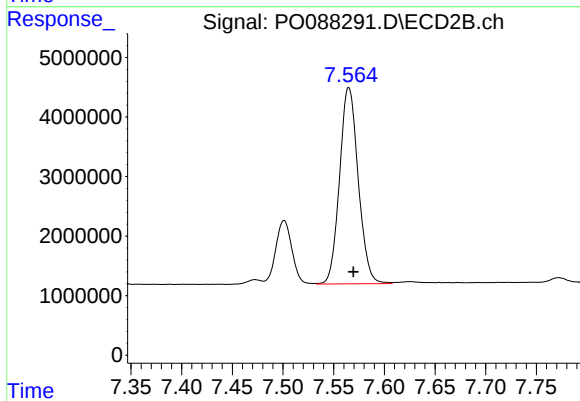
#41 AR-1268-1

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 11846770
Conc: 74.77 ng/ml



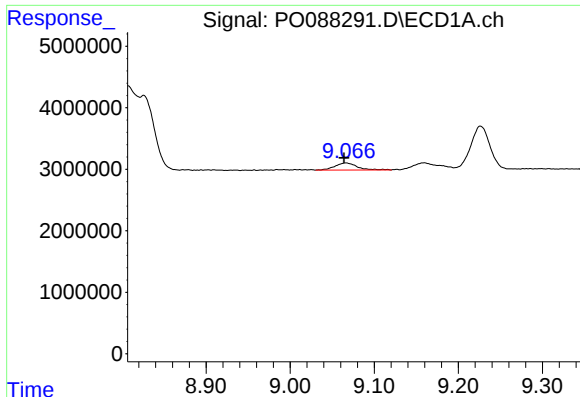
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.021 min
Response: 39400038
Conc: 151.54 ng/ml



#42 AR-1268-2

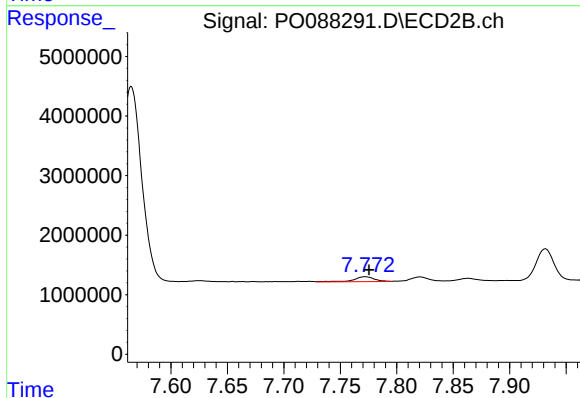
R.T.: 7.565 min
Delta R.T.: -0.005 min
Response: 42237837
Conc: 293.64 ng/ml



#43 AR-1268-3

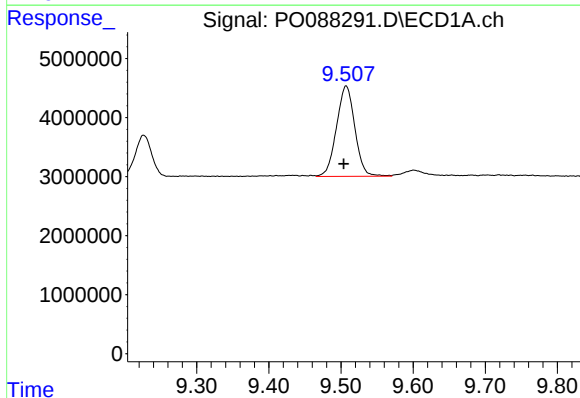
R.T.: 9.067 min
Delta R.T.: 0.002 min
Response: 2088548
Conc: 9.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



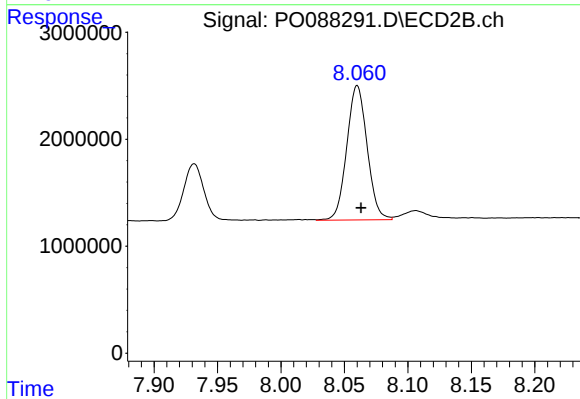
#43 AR-1268-3

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 1089030
Conc: 8.74 ng/ml



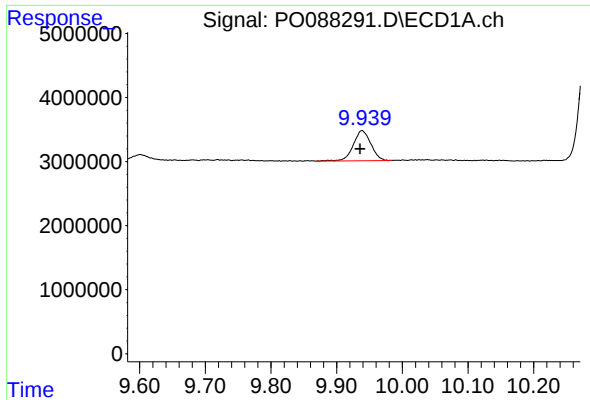
#44 AR-1268-4

R.T.: 9.507 min
Delta R.T.: 0.003 min
Response: 27072217
Conc: 276.12 ng/ml



#44 AR-1268-4

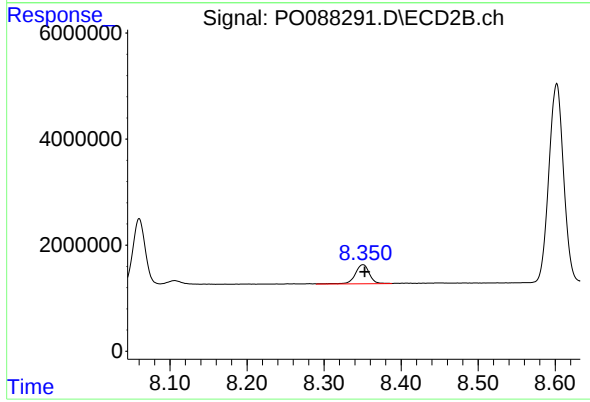
R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 14061184
Conc: 262.10 ng/ml



#45 AR-1268-5

R.T.: 9.939 min
Delta R.T.: 0.003 min
Response: 8818987
Conc: 12.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.002 min
Response: 4642670
Conc: 12.01 ng/ml