

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072319\
 Data File : P0058303.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2019 2:48
 Operator : SM/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 23 06:11:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 17 11:13:08 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.186	3.532	2254165	1955797	66.520	60.978
2)	SA Decachlor...	9.702	8.430	2511839	1795872	49.098	52.395
Target Compounds							
3)	L1 AR-1016-1	5.365	4.609	1366003	974063	885.154	815.030
4)	L1 AR-1016-2	5.365	4.609	1366003	974063	604.771	549.775
5)	L1 AR-1016-3	5.426	4.782	834285	506208	589.486	539.238
6)	L1 AR-1016-4	5.524	4.823	702387	438086	616.720	562.747
7)	L1 AR-1016-5	5.812	5.033	711113	567809	619.937	553.853
8)	L2 AR-1221-1	4.395	3.738	71912	60028	174.295	169.545
9)	L2 AR-1221-2	4.485	3.825	110769	90096	358.131	341.282
10)	L2 AR-1221-3	4.560	3.898	428000	337423	430.899	398.309
11)	L3 AR-1232-1	4.560	3.898	428000	337423	520.958	478.656
12)	L3 AR-1232-2	5.080	4.609	632195	974063	1366.946	1234.045
13)	L3 AR-1232-3	5.365	4.782	1366003	506208	1371.533	1230.012
14)	L3 AR-1232-4	5.524	4.863	702387	528695	1408.550	1440.560
15)	L3 AR-1232-5	5.611	5.033	636822	567809	1688.881	1371.783
16)	L4 AR-1242-1	5.365	4.609	1366003	974063	1115.315	1022.116
17)	L4 AR-1242-2	5.365	4.609	1366003	974063	743.991	698.187
18)	L4 AR-1242-3	5.426	4.782	834285	506208	718.511	660.237
19)	L4 AR-1242-4	5.524	4.863	702387	528695	744.990	696.569
20)	L4 AR-1242-5	6.250	5.378	148606	496339	128.331	520.891 #
21)	L5 AR-1248-1	5.365	4.609	1366003	974063	1461.222	1326.392
22)	L5 AR-1248-2	5.611	4.823	636822	438086	472.615	429.919
23)	L5 AR-1248-3	5.812	4.863	711113	528695	458.706	502.956
24)	L5 AR-1248-4	6.212	5.033	163579	567809	83.551	440.979 #
25)	L5 AR-1248-5	6.250	5.418	148606	115618	77.974	91.456
26)	L6 AR-1254-1	6.183	5.378	583126	496339	296.728	243.608
27)	L6 AR-1254-2	6.398	5.523	654249	448644	200.135	247.579
28)	L6 AR-1254-3	6.764	5.933	437043	772671	123.886	263.851 #
29)	L6 AR-1254-4	7.046	6.148	415859	99775	140.549	54.001 #
30)	L6 AR-1254-5	7.462	6.558	2128208	1296796	725.052	477.028 #
31)	L7 AR-1260-1	6.923	6.047	1450240	1031169	579.834	509.170
32)	L7 AR-1260-2	7.179	6.236	2062420	1315342	586.604	511.482
33)	L7 AR-1260-3	7.534	6.385	1767016	1160821	601.805	508.972
34)	L7 AR-1260-4	7.759	6.850	1608236	991863	588.721	512.261
35)	L7 AR-1260-5	8.066	7.093	3214846	2382018	554.151	517.544
36)	L8 AR-1262-1	7.534	6.593	1767016	1213702	319.834	305.561
37)	L8 AR-1262-2	8.066	7.093	3214846	2382018	378.052	368.780
38)	L8 AR-1262-3	8.370	7.369	1004414	595093	178.434	215.898
39)	L8 AR-1262-4	8.418	7.434	698097	1685986	153.009	353.108 #
40)	L8 AR-1262-5	9.038	7.926	825247	592443	297.003	297.871
41)	L9 AR-1268-1	8.370	7.369	1004414	595093	97.679	76.226

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

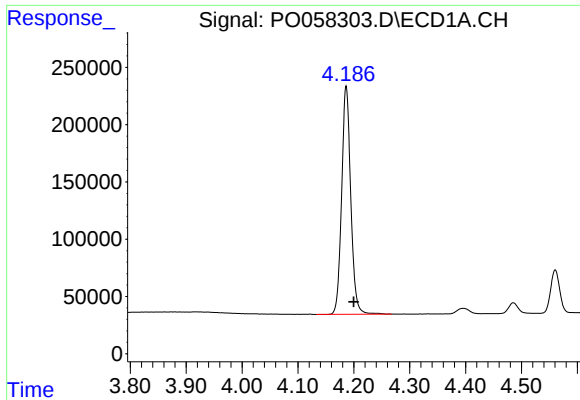
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 06:11:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071719.M
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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	8.418	7.434	698097	1685986	76.218	236.627 #
43) L9	AR-1268-3	8.636	7.633	63313	30356	7.928	5.039 #
44) L9	AR-1268-4	9.038	7.926	825247	592443	278.496	283.219
45) L9	AR-1268-5	9.406	8.198	217832	148400	10.000	8.899

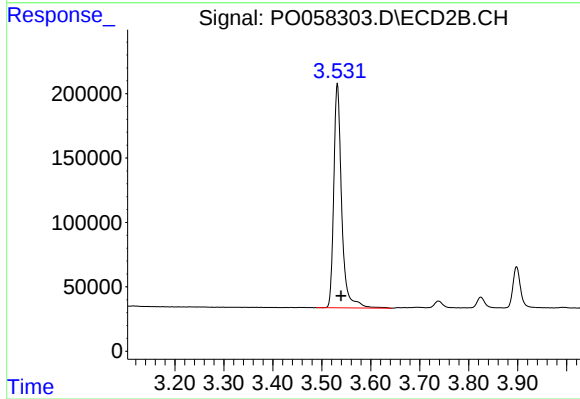
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

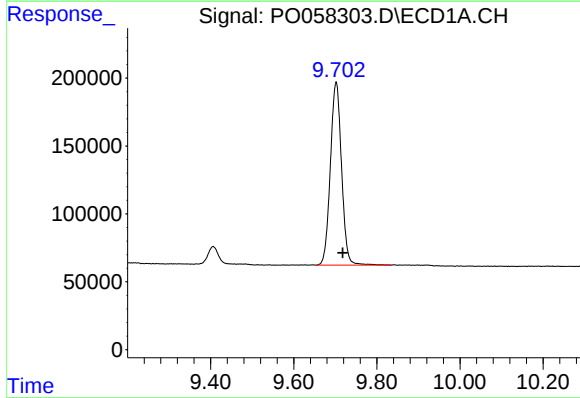
R.T.: 4.186 min
Delta R.T.: -0.014 min
Response: 2254165
Conc: 66.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



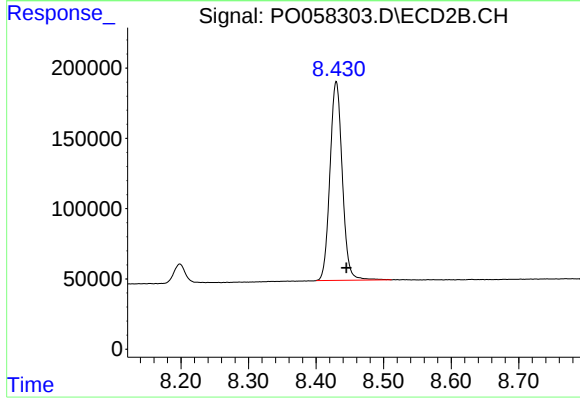
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.008 min
Response: 1955797
Conc: 60.98 ng/ml



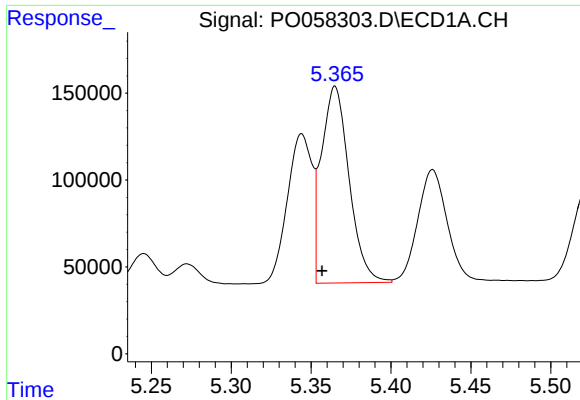
#2 Decachlorobiphenyl

R.T.: 9.702 min
Delta R.T.: -0.016 min
Response: 2511839
Conc: 49.10 ng/ml



#2 Decachlorobiphenyl

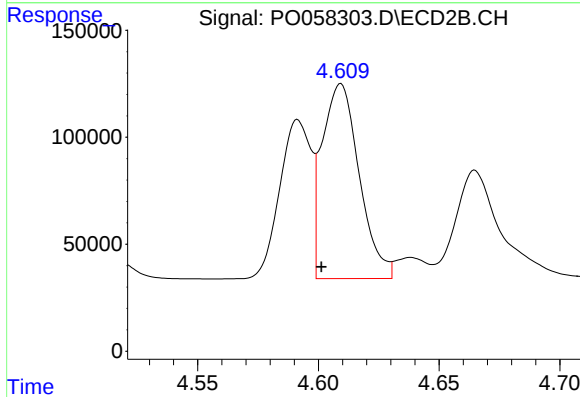
R.T.: 8.430 min
Delta R.T.: -0.015 min
Response: 1795872
Conc: 52.39 ng/ml



#3 AR-1016-1

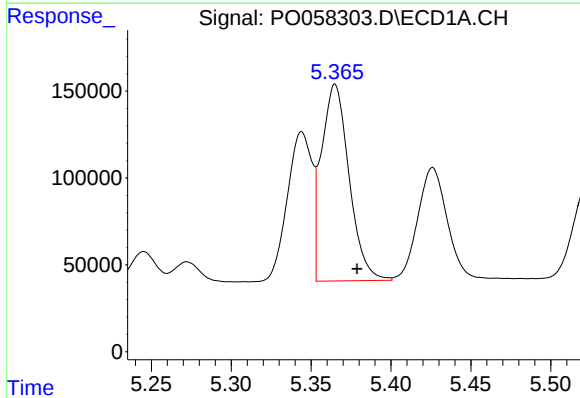
R.T.: 5.365 min
Delta R.T.: 0.008 min
Response: 1366003
Conc: 885.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



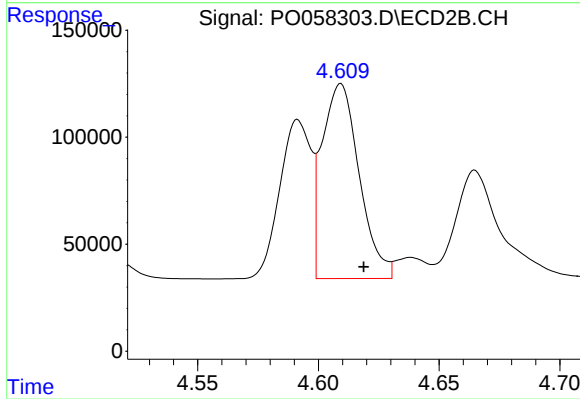
#3 AR-1016-1

R.T.: 4.609 min
Delta R.T.: 0.008 min
Response: 974063
Conc: 815.03 ng/ml



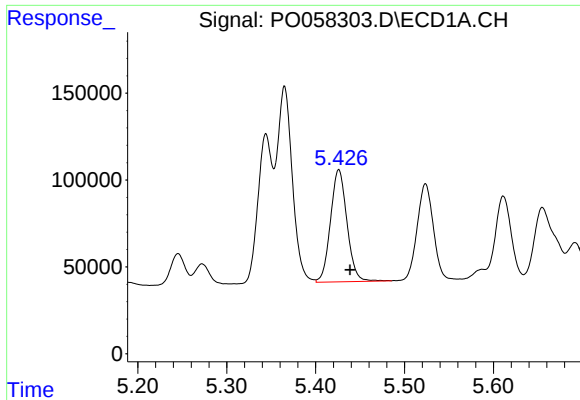
#4 AR-1016-2

R.T.: 5.365 min
Delta R.T.: -0.014 min
Response: 1366003
Conc: 604.77 ng/ml



#4 AR-1016-2

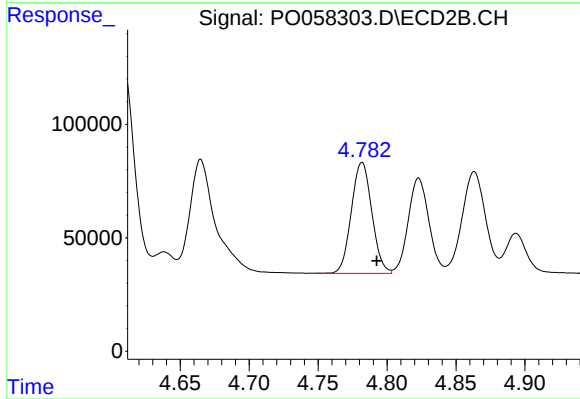
R.T.: 4.609 min
Delta R.T.: -0.010 min
Response: 974063
Conc: 549.77 ng/ml



#5 AR-1016-3

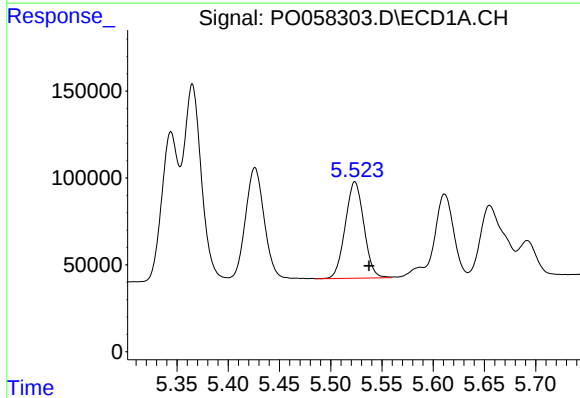
R.T.: 5.426 min
Delta R.T.: -0.013 min
Response: 834285
Conc: 589.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



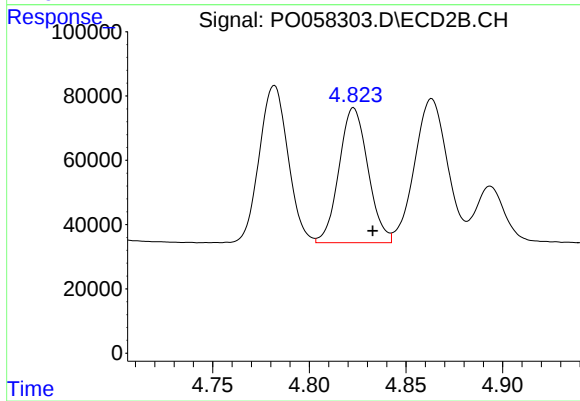
#5 AR-1016-3

R.T.: 4.782 min
Delta R.T.: -0.011 min
Response: 506208
Conc: 539.24 ng/ml



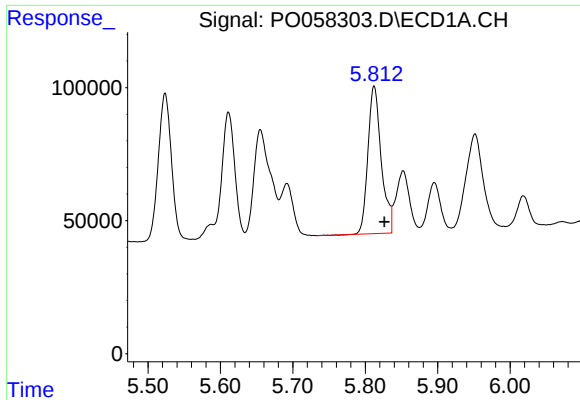
#6 AR-1016-4

R.T.: 5.524 min
Delta R.T.: -0.014 min
Response: 702387
Conc: 616.72 ng/ml



#6 AR-1016-4

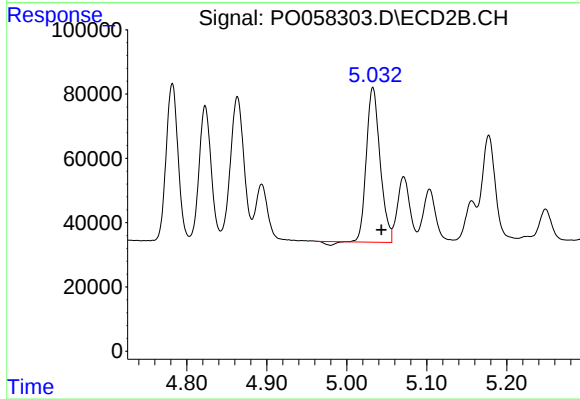
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 438086
Conc: 562.75 ng/ml



#7 AR-1016-5

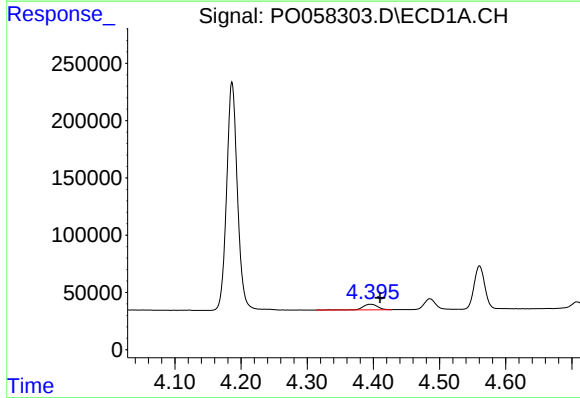
R.T.: 5.812 min
Delta R.T.: -0.014 min
Response: 711113
Conc: 619.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



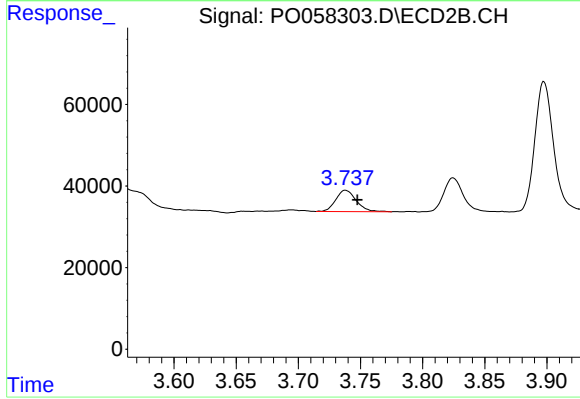
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: -0.011 min
Response: 567809
Conc: 553.85 ng/ml



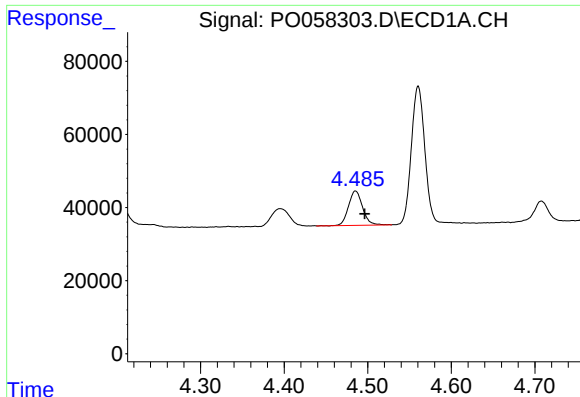
#8 AR-1221-1

R.T.: 4.395 min
Delta R.T.: -0.015 min
Response: 71912
Conc: 174.30 ng/ml



#8 AR-1221-1

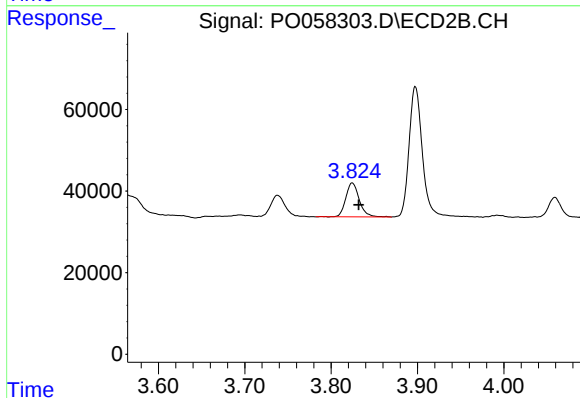
R.T.: 3.738 min
Delta R.T.: -0.010 min
Response: 60028
Conc: 169.55 ng/ml



#9 AR-1221-2

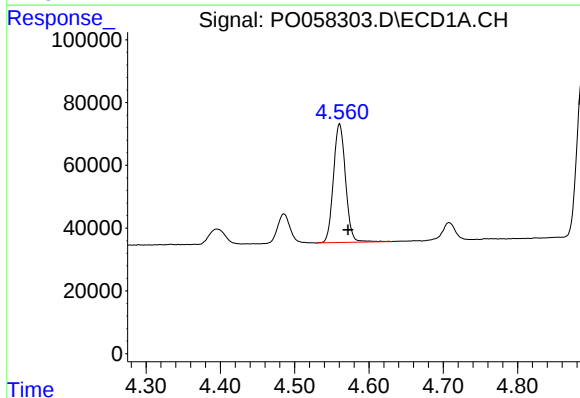
R.T.: 4.485 min
Delta R.T.: -0.011 min
Response: 110769
Conc: 358.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



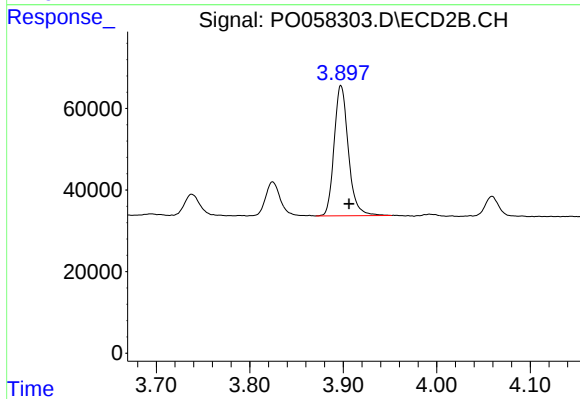
#9 AR-1221-2

R.T.: 3.825 min
Delta R.T.: -0.007 min
Response: 90096
Conc: 341.28 ng/ml



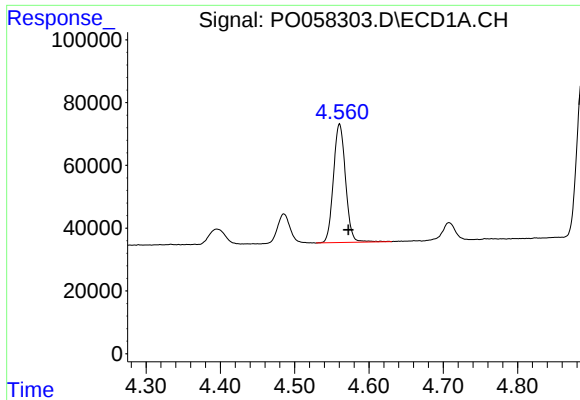
#10 AR-1221-3

R.T.: 4.560 min
Delta R.T.: -0.011 min
Response: 428000
Conc: 430.90 ng/ml



#10 AR-1221-3

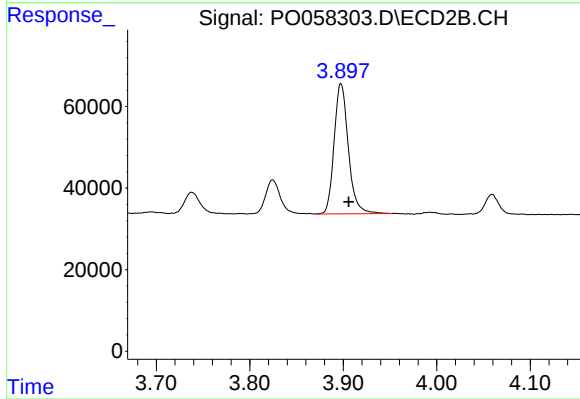
R.T.: 3.898 min
Delta R.T.: -0.008 min
Response: 337423
Conc: 398.31 ng/ml



#11 AR-1232-1

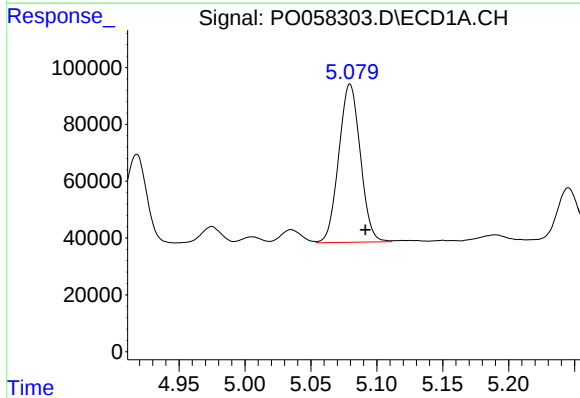
R.T.: 4.560 min
Delta R.T.: -0.012 min
Response: 428000
Conc: 520.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



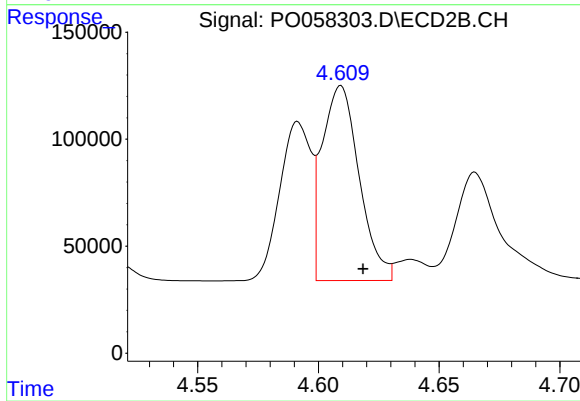
#11 AR-1232-1

R.T.: 3.898 min
Delta R.T.: -0.008 min
Response: 337423
Conc: 478.66 ng/ml



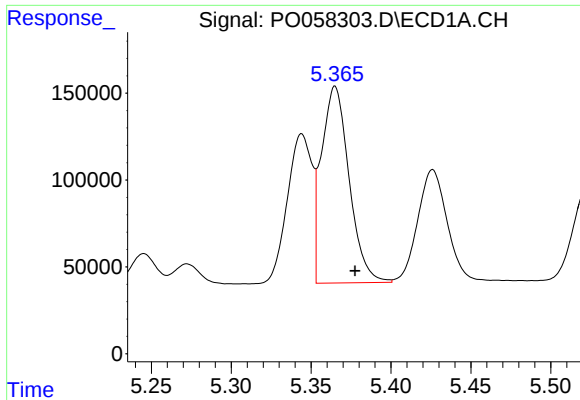
#12 AR-1232-2

R.T.: 5.080 min
Delta R.T.: -0.012 min
Response: 632195
Conc: 1366.95 ng/ml



#12 AR-1232-2

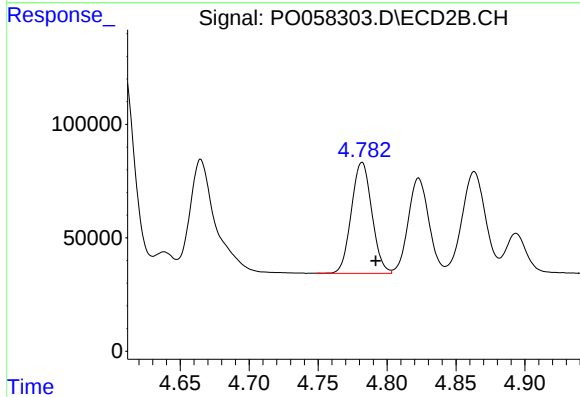
R.T.: 4.609 min
Delta R.T.: -0.009 min
Response: 974063
Conc: 1234.04 ng/ml



#13 AR-1232-3

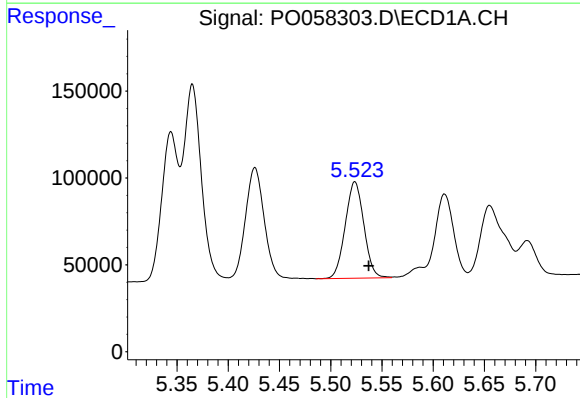
R.T.: 5.365 min
Delta R.T.: -0.012 min
Response: 1366003
Conc: 1371.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



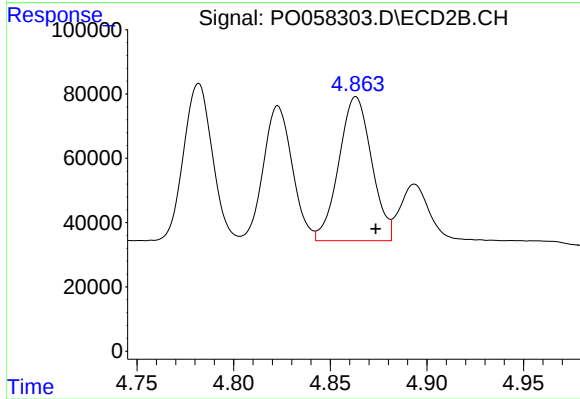
#13 AR-1232-3

R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 506208
Conc: 1230.01 ng/ml



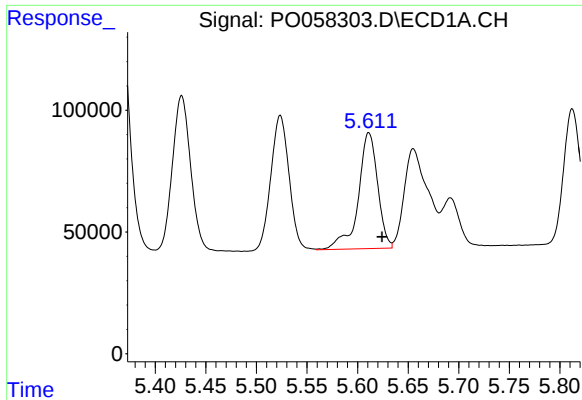
#14 AR-1232-4

R.T.: 5.524 min
Delta R.T.: -0.013 min
Response: 702387
Conc: 1408.55 ng/ml



#14 AR-1232-4

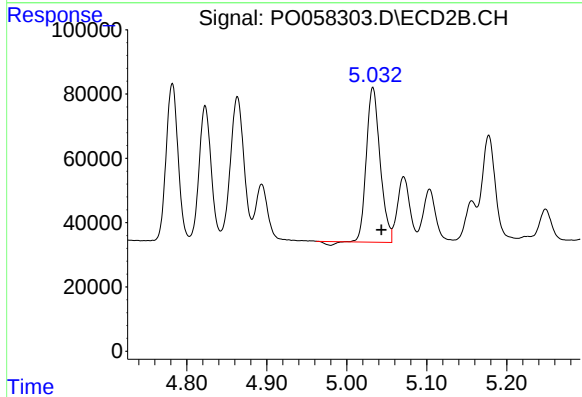
R.T.: 4.863 min
Delta R.T.: -0.010 min
Response: 528695
Conc: 1440.56 ng/ml



#15 AR-1232-5

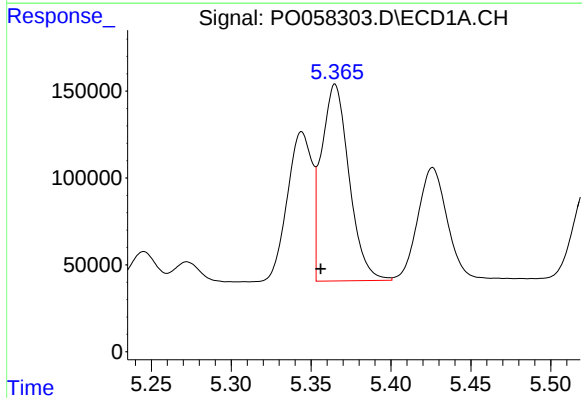
R.T.: 5.611 min
Delta R.T.: -0.013 min
Response: 636822
Conc: 1688.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



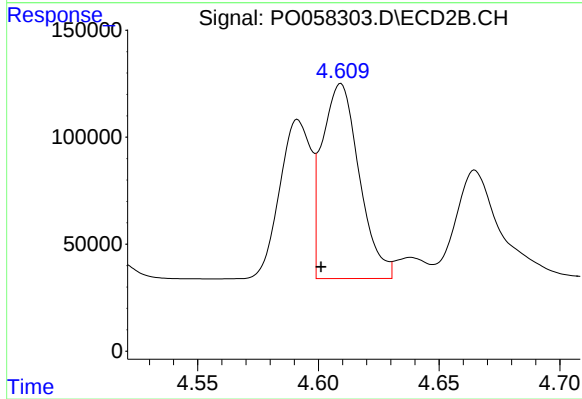
#15 AR-1232-5

R.T.: 5.033 min
Delta R.T.: -0.011 min
Response: 567809
Conc: 1371.78 ng/ml



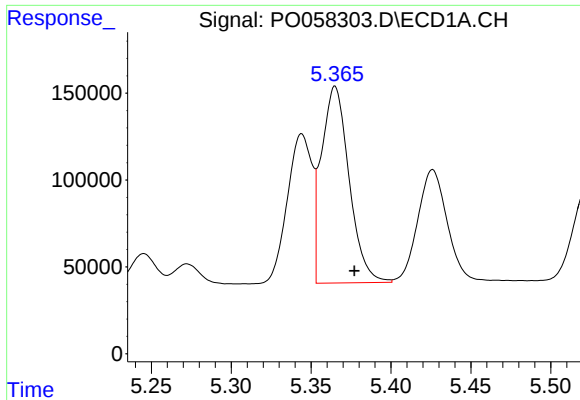
#16 AR-1242-1

R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 1366003
Conc: 1115.31 ng/ml



#16 AR-1242-1

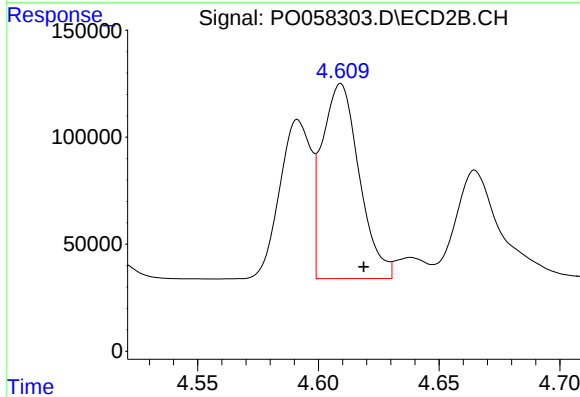
R.T.: 4.609 min
Delta R.T.: 0.008 min
Response: 974063
Conc: 1022.12 ng/ml



#17 AR-1242-2

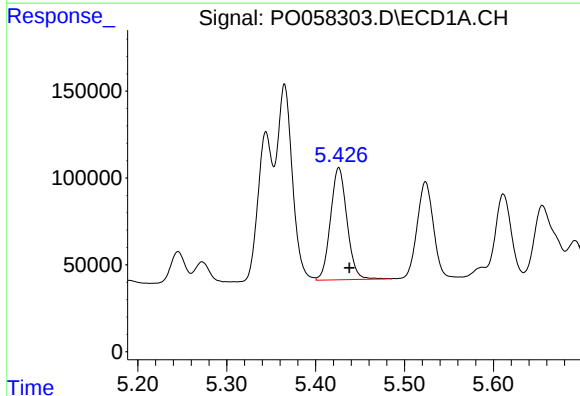
R.T.: 5.365 min
Delta R.T.: -0.012 min
Response: 1366003
Conc: 743.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



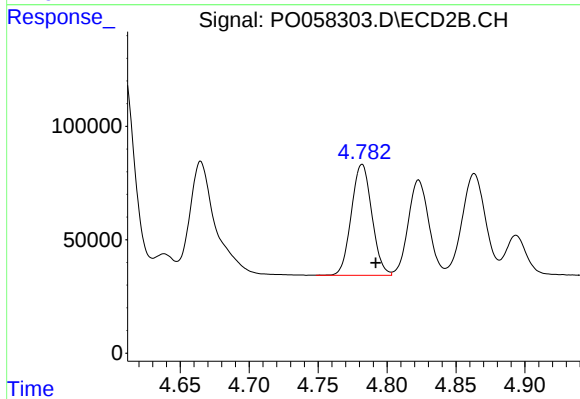
#17 AR-1242-2

R.T.: 4.609 min
Delta R.T.: -0.009 min
Response: 974063
Conc: 698.19 ng/ml



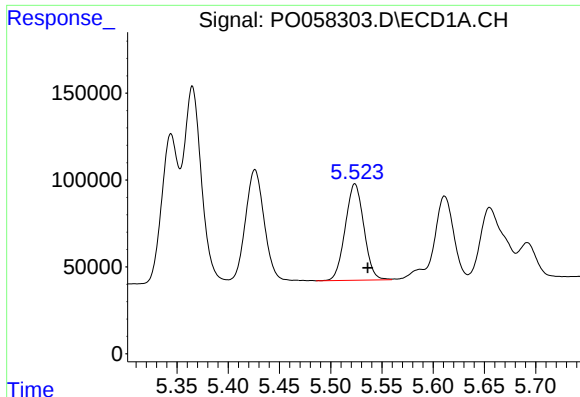
#18 AR-1242-3

R.T.: 5.426 min
Delta R.T.: -0.012 min
Response: 834285
Conc: 718.51 ng/ml



#18 AR-1242-3

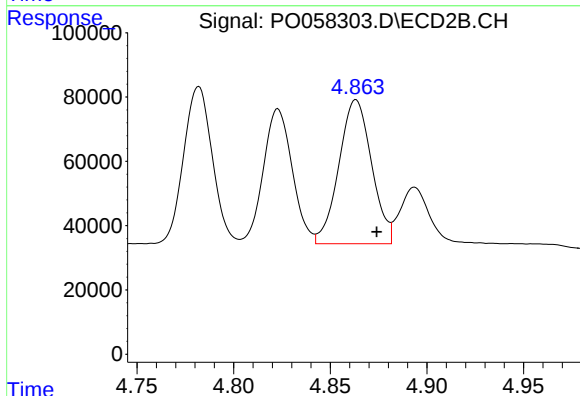
R.T.: 4.782 min
Delta R.T.: -0.010 min
Response: 506208
Conc: 660.24 ng/ml



#19 AR-1242-4

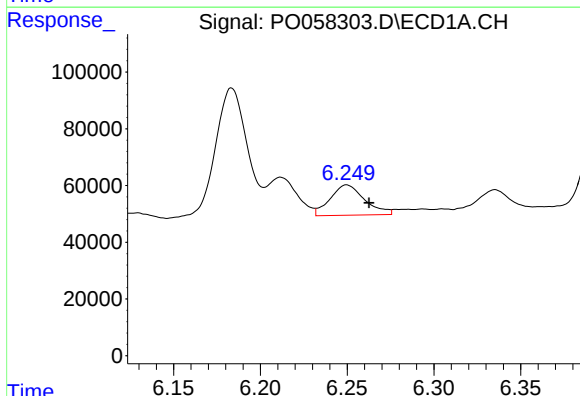
R.T.: 5.524 min
Delta R.T.: -0.012 min
Response: 702387
Conc: 744.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



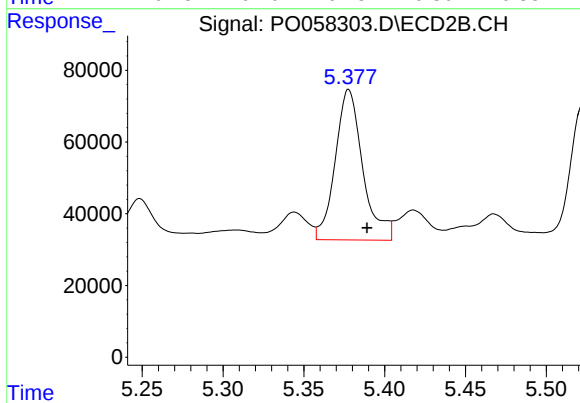
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: -0.011 min
Response: 528695
Conc: 696.57 ng/ml



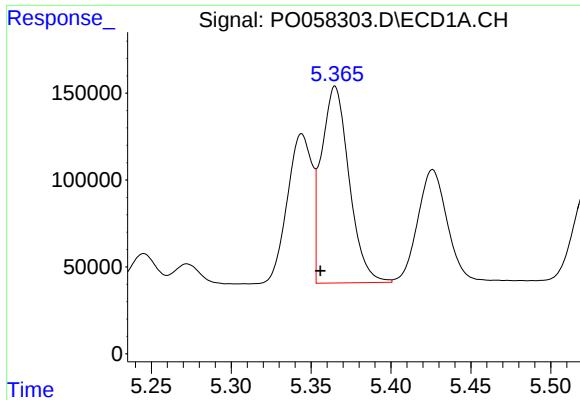
#20 AR-1242-5

R.T.: 6.250 min
Delta R.T.: -0.013 min
Response: 148606
Conc: 128.33 ng/ml



#20 AR-1242-5

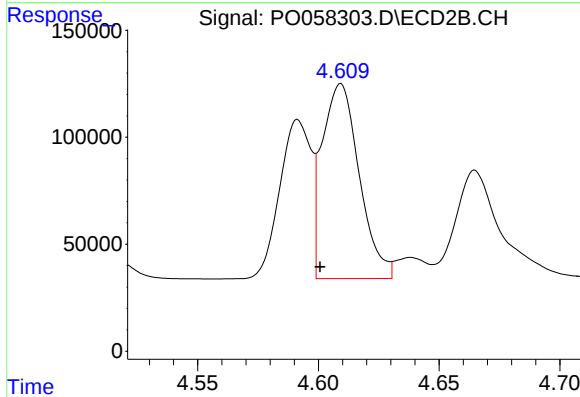
R.T.: 5.378 min
Delta R.T.: -0.011 min
Response: 496339
Conc: 520.89 ng/ml



#21 AR-1248-1

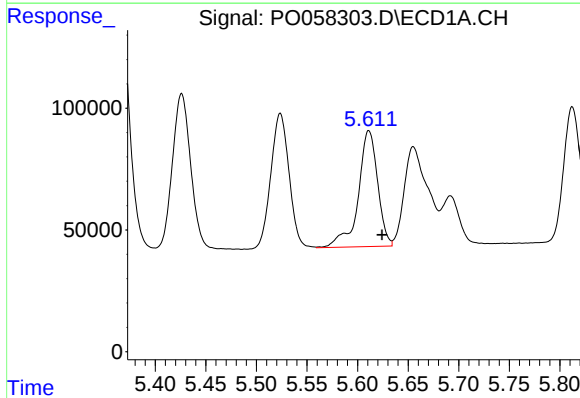
R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 1366003
Conc: 1461.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



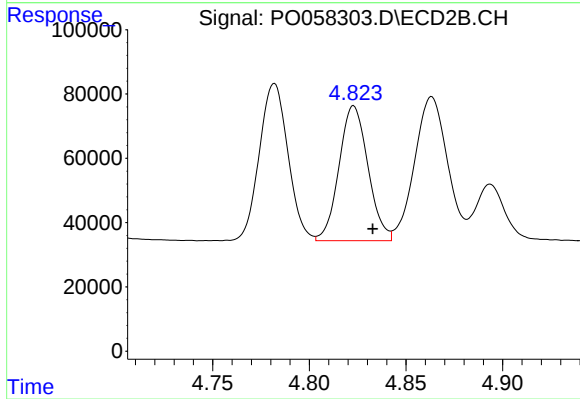
#21 AR-1248-1

R.T.: 4.609 min
Delta R.T.: 0.009 min
Response: 974063
Conc: 1326.39 ng/ml



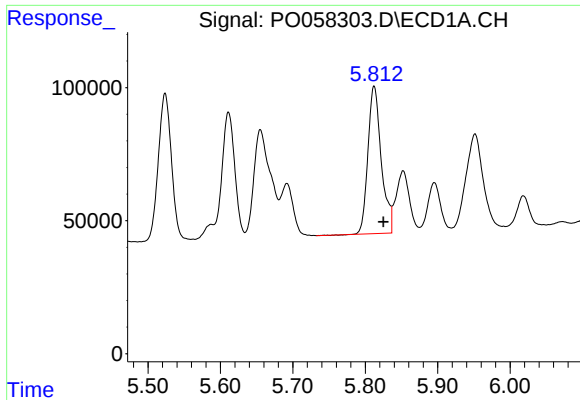
#22 AR-1248-2

R.T.: 5.611 min
Delta R.T.: -0.013 min
Response: 636822
Conc: 472.61 ng/ml



#22 AR-1248-2

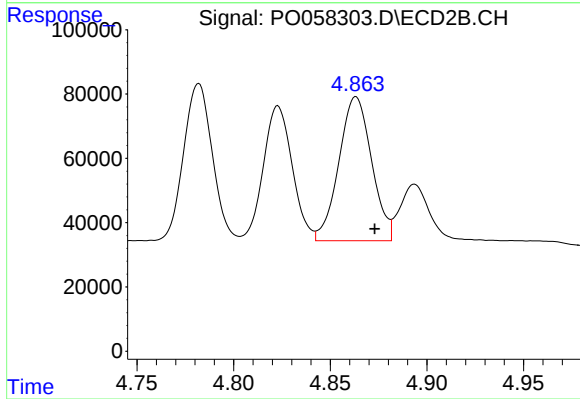
R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 438086
Conc: 429.92 ng/ml



#23 AR-1248-3

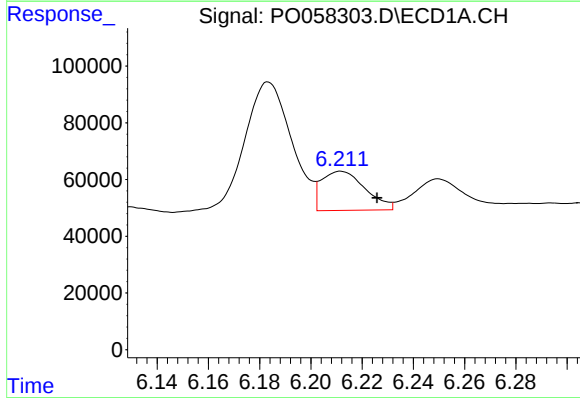
R.T.: 5.812 min
Delta R.T.: -0.013 min
Response: 711113
Conc: 458.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



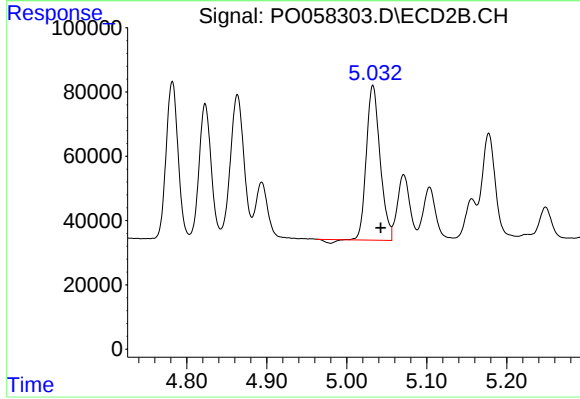
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: -0.010 min
Response: 528695
Conc: 502.96 ng/ml



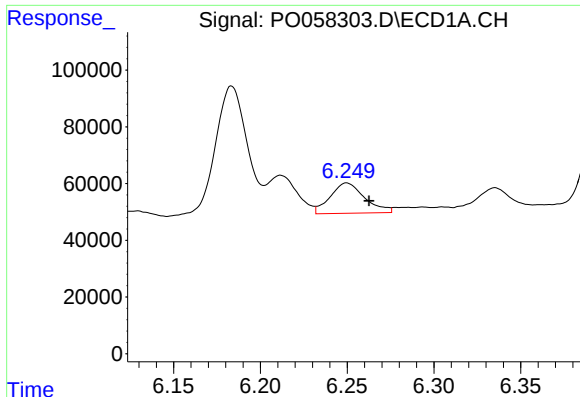
#24 AR-1248-4

R.T.: 6.212 min
Delta R.T.: -0.014 min
Response: 163579
Conc: 83.55 ng/ml



#24 AR-1248-4

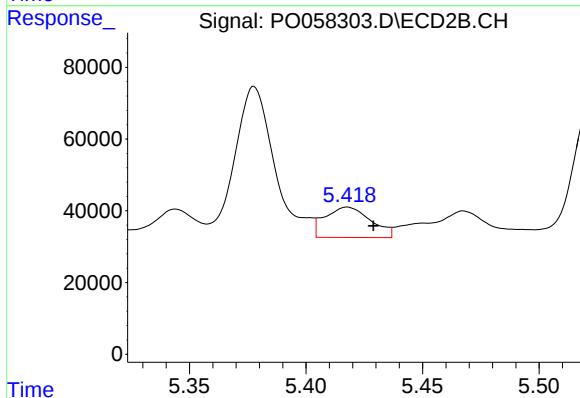
R.T.: 5.033 min
Delta R.T.: -0.010 min
Response: 567809
Conc: 440.98 ng/ml



#25 AR-1248-5

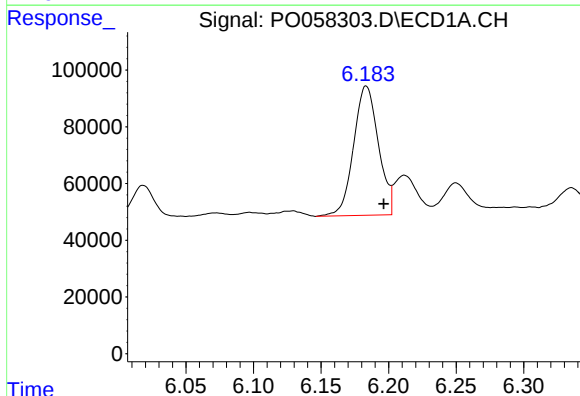
R.T.: 6.250 min
Delta R.T.: -0.013 min
Response: 148606
Conc: 77.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



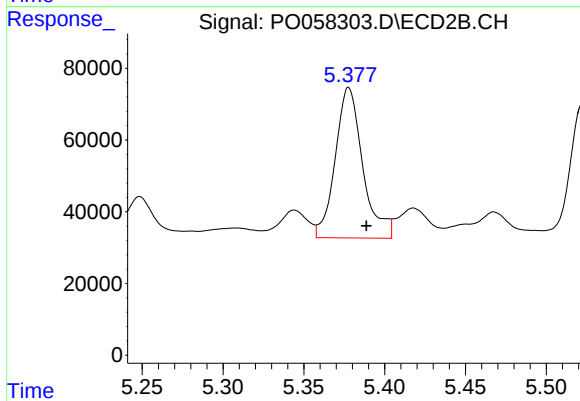
#25 AR-1248-5

R.T.: 5.418 min
Delta R.T.: -0.011 min
Response: 115618
Conc: 91.46 ng/ml



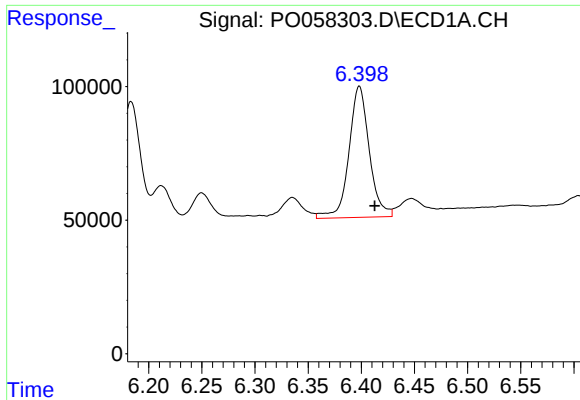
#26 AR-1254-1

R.T.: 6.183 min
Delta R.T.: -0.013 min
Response: 583126
Conc: 296.73 ng/ml



#26 AR-1254-1

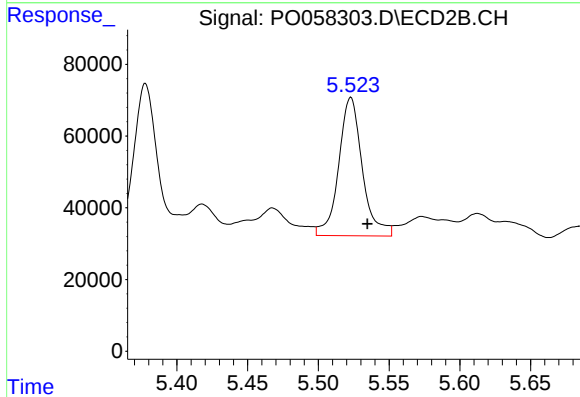
R.T.: 5.378 min
Delta R.T.: -0.011 min
Response: 496339
Conc: 243.61 ng/ml



#27 AR-1254-2

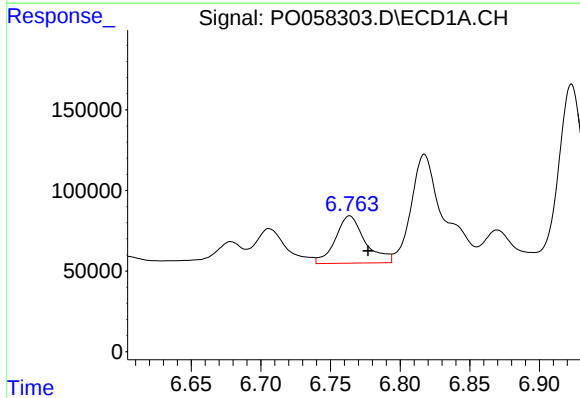
R.T.: 6.398 min
Delta R.T.: -0.014 min
Response: 654249
Conc: 200.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



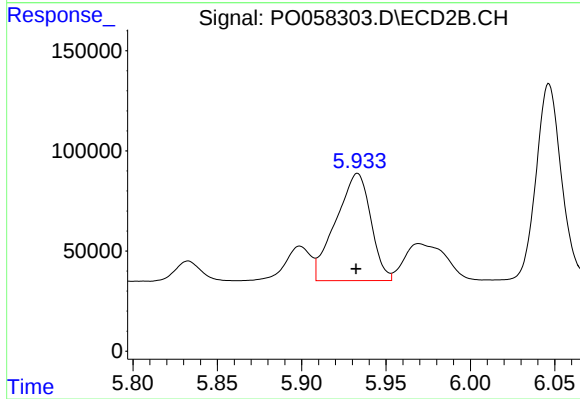
#27 AR-1254-2

R.T.: 5.523 min
Delta R.T.: -0.012 min
Response: 448644
Conc: 247.58 ng/ml



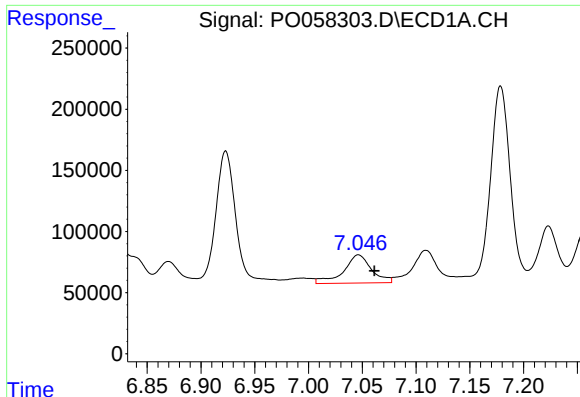
#28 AR-1254-3

R.T.: 6.764 min
Delta R.T.: -0.013 min
Response: 437043
Conc: 123.89 ng/ml



#28 AR-1254-3

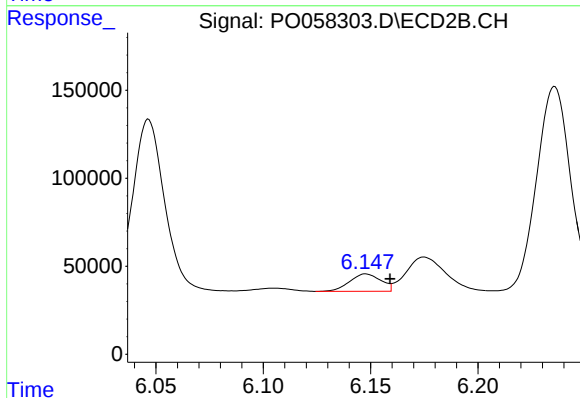
R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 772671
Conc: 263.85 ng/ml



#29 AR-1254-4

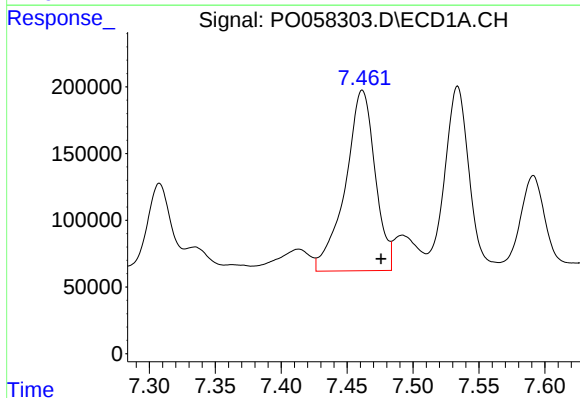
R.T.: 7.046 min
Delta R.T.: -0.015 min
Response: 415859
Conc: 140.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



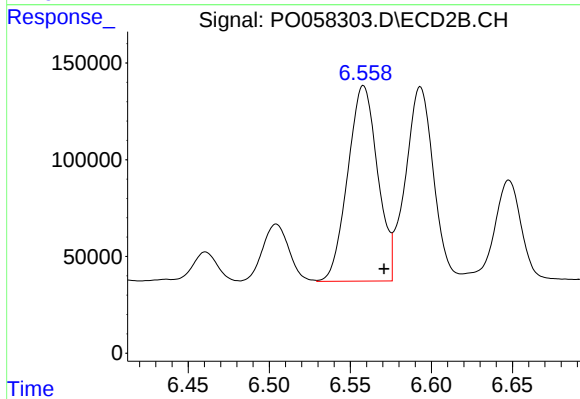
#29 AR-1254-4

R.T.: 6.148 min
Delta R.T.: -0.011 min
Response: 99775
Conc: 54.00 ng/ml



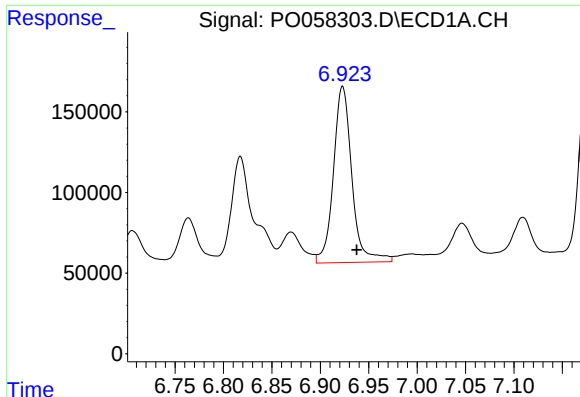
#30 AR-1254-5

R.T.: 7.462 min
Delta R.T.: -0.014 min
Response: 2128208
Conc: 725.05 ng/ml



#30 AR-1254-5

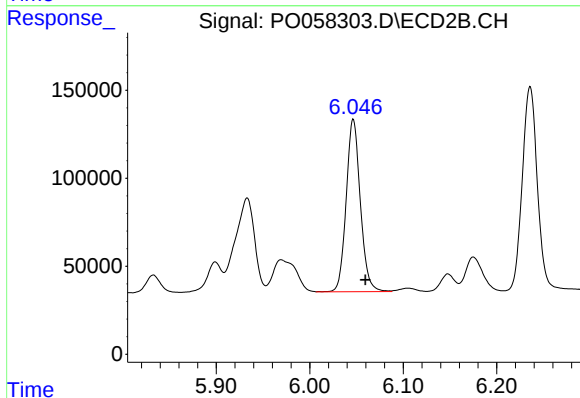
R.T.: 6.558 min
Delta R.T.: -0.013 min
Response: 1296796
Conc: 477.03 ng/ml



#31 AR-1260-1

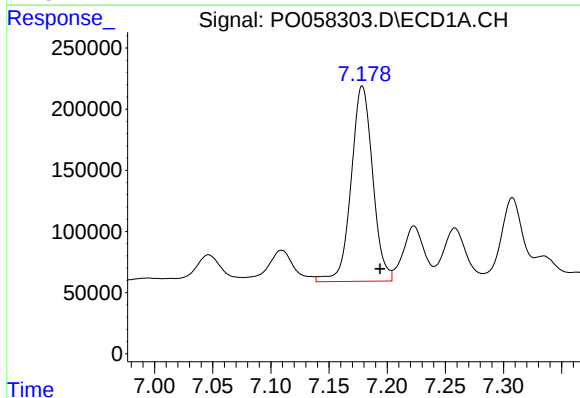
R.T.: 6.923 min
Delta R.T.: -0.015 min
Response: 1450240
Conc: 579.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



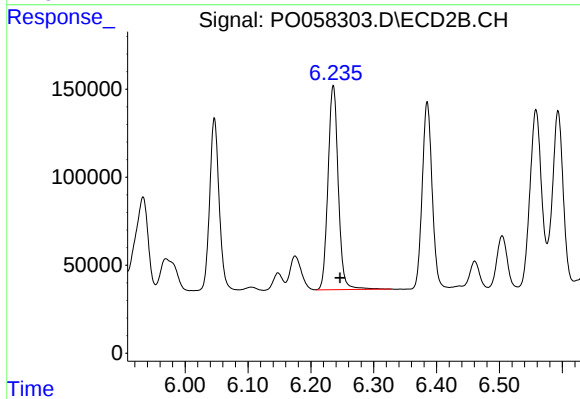
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: -0.013 min
Response: 1031169
Conc: 509.17 ng/ml



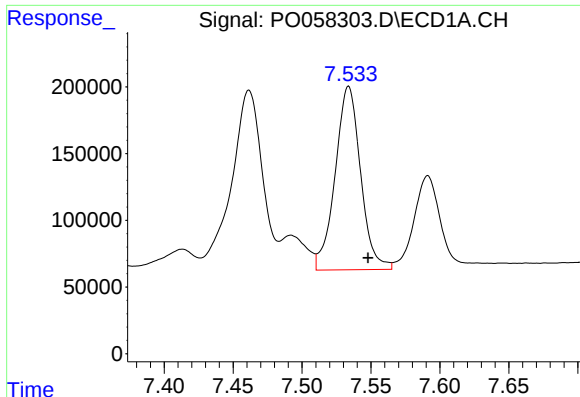
#32 AR-1260-2

R.T.: 7.179 min
Delta R.T.: -0.015 min
Response: 2062420
Conc: 586.60 ng/ml



#32 AR-1260-2

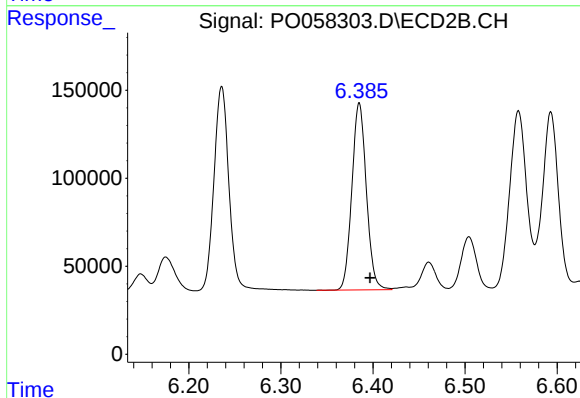
R.T.: 6.236 min
Delta R.T.: -0.011 min
Response: 1315342
Conc: 511.48 ng/ml



#33 AR-1260-3

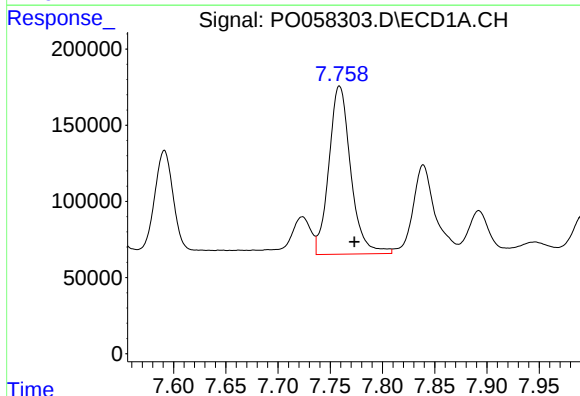
R.T.: 7.534 min
Delta R.T.: -0.014 min
Response: 1767016
Conc: 601.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



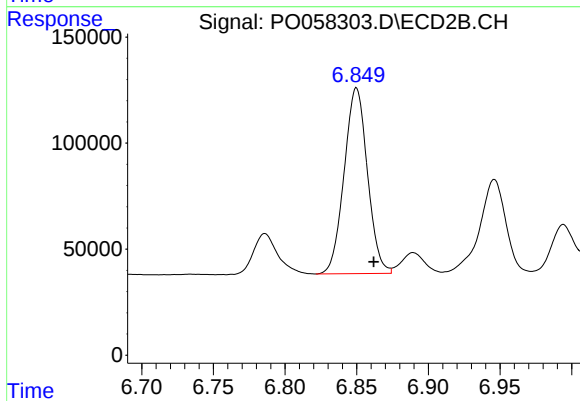
#33 AR-1260-3

R.T.: 6.385 min
Delta R.T.: -0.012 min
Response: 1160821
Conc: 508.97 ng/ml



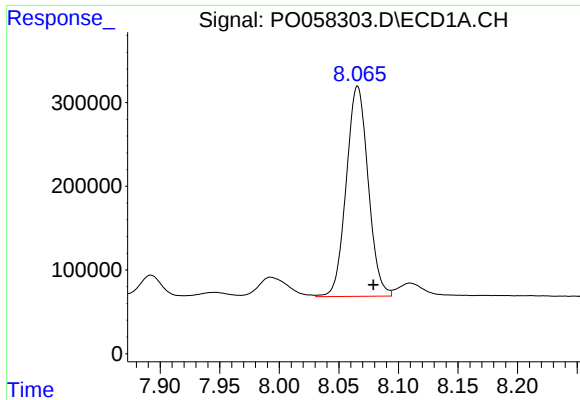
#34 AR-1260-4

R.T.: 7.759 min
Delta R.T.: -0.014 min
Response: 1608236
Conc: 588.72 ng/ml



#34 AR-1260-4

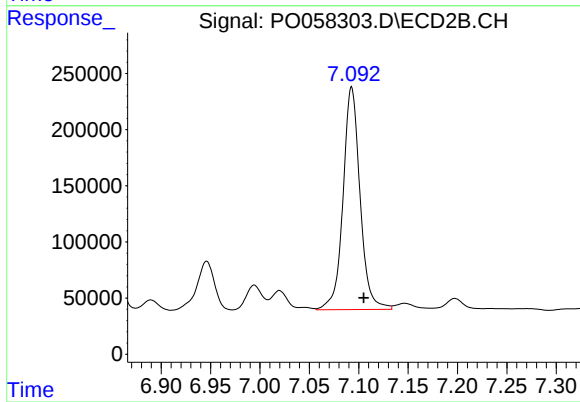
R.T.: 6.850 min
Delta R.T.: -0.012 min
Response: 991863
Conc: 512.26 ng/ml



#35 AR-1260-5

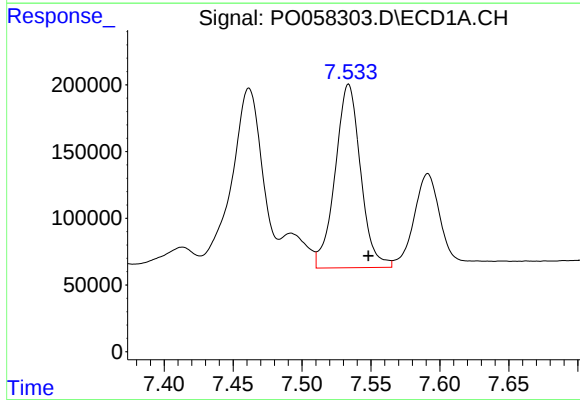
R.T.: 8.066 min
Delta R.T.: -0.013 min
Response: 3214846
Conc: 554.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



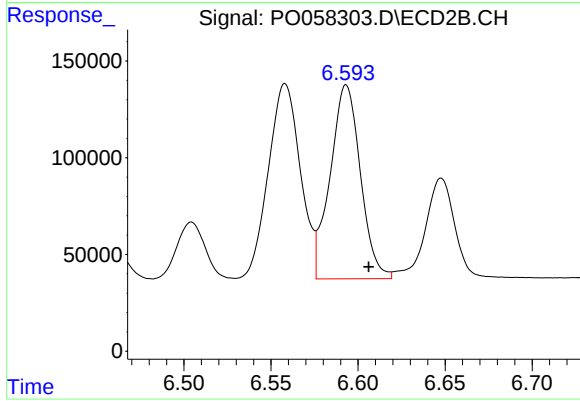
#35 AR-1260-5

R.T.: 7.093 min
Delta R.T.: -0.012 min
Response: 2382018
Conc: 517.54 ng/ml



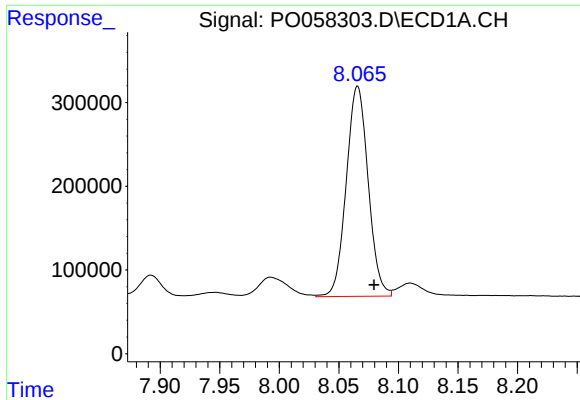
#36 AR-1262-1

R.T.: 7.534 min
Delta R.T.: -0.014 min
Response: 1767016
Conc: 319.83 ng/ml



#36 AR-1262-1

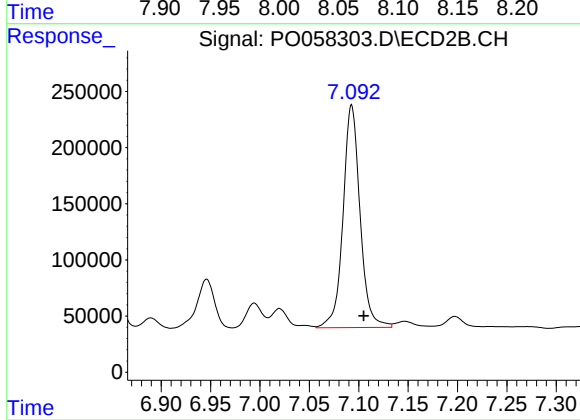
R.T.: 6.593 min
Delta R.T.: -0.013 min
Response: 1213702
Conc: 305.56 ng/ml



#37 AR-1262-2

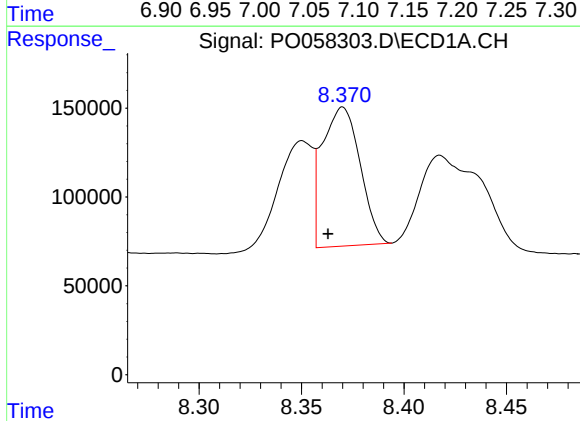
R.T.: 8.066 min
Delta R.T.: -0.014 min
Response: 3214846
Conc: 378.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



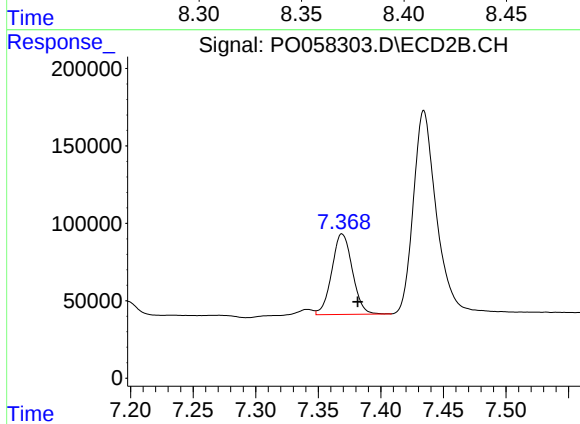
#37 AR-1262-2

R.T.: 7.093 min
Delta R.T.: -0.012 min
Response: 2382018
Conc: 368.78 ng/ml



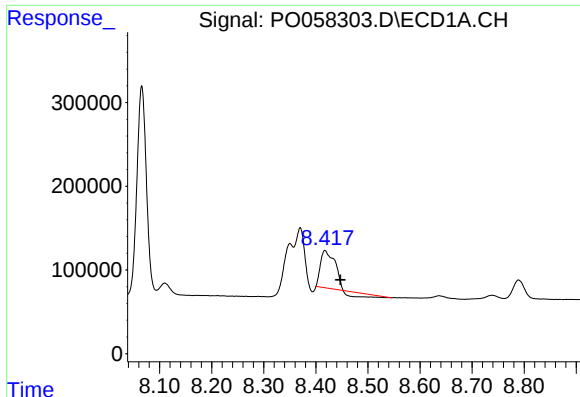
#38 AR-1262-3

R.T.: 8.370 min
Delta R.T.: 0.007 min
Response: 1004414
Conc: 178.43 ng/ml



#38 AR-1262-3

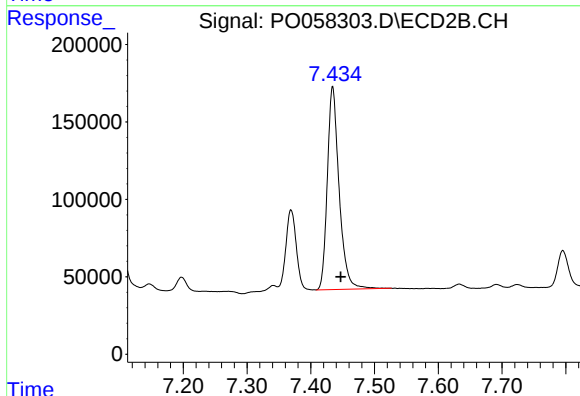
R.T.: 7.369 min
Delta R.T.: -0.013 min
Response: 595093
Conc: 215.90 ng/ml



#39 AR-1262-4

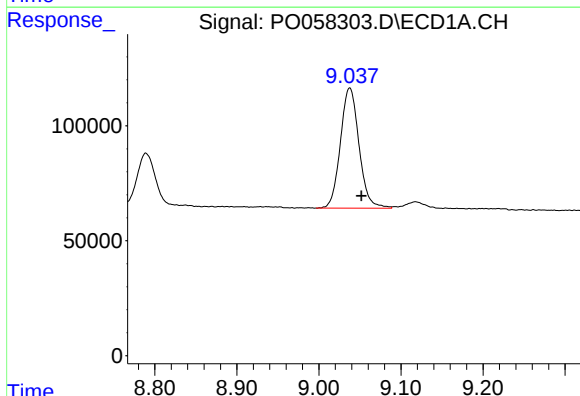
R.T.: 8.418 min
Delta R.T.: -0.030 min
Response: 698097
Conc: 153.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



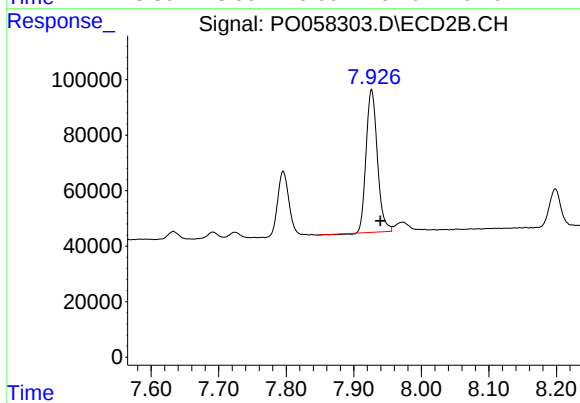
#39 AR-1262-4

R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 1685986
Conc: 353.11 ng/ml



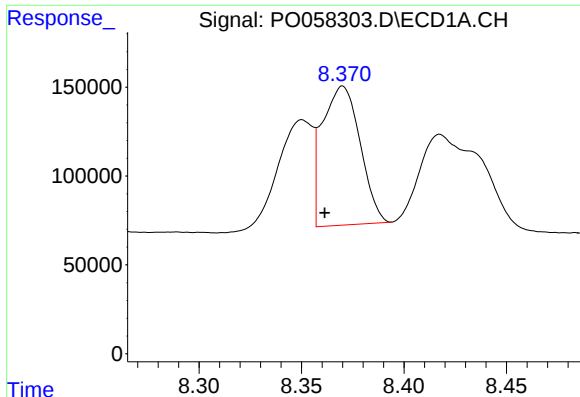
#40 AR-1262-5

R.T.: 9.038 min
Delta R.T.: -0.014 min
Response: 825247
Conc: 297.00 ng/ml



#40 AR-1262-5

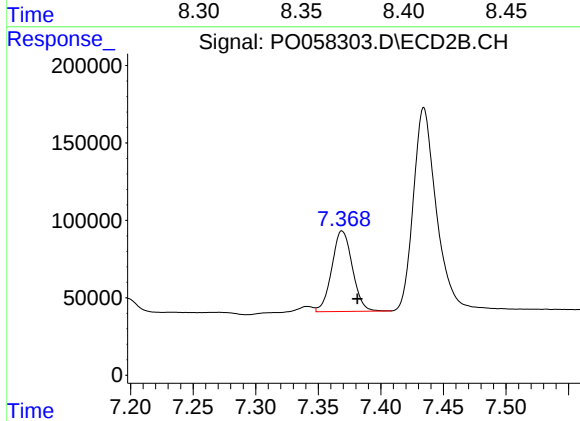
R.T.: 7.926 min
Delta R.T.: -0.013 min
Response: 592443
Conc: 297.87 ng/ml



#41 AR-1268-1

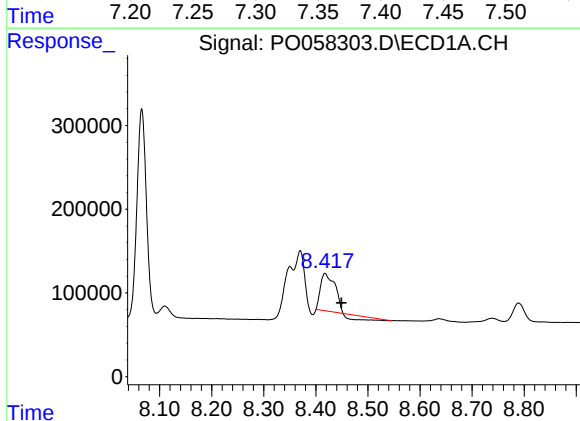
R.T.: 8.370 min
Delta R.T.: 0.009 min
Response: 1004414
Conc: 97.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



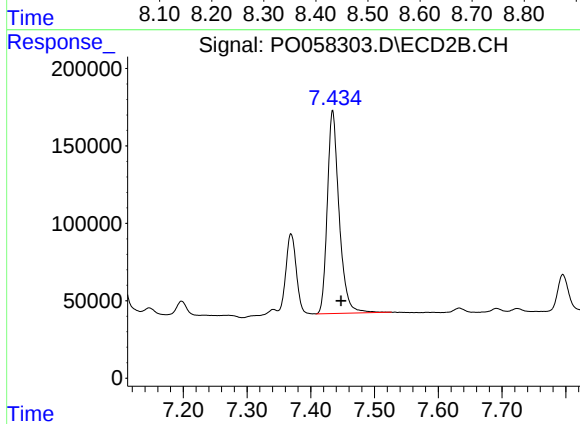
#41 AR-1268-1

R.T.: 7.369 min
Delta R.T.: -0.012 min
Response: 595093
Conc: 76.23 ng/ml



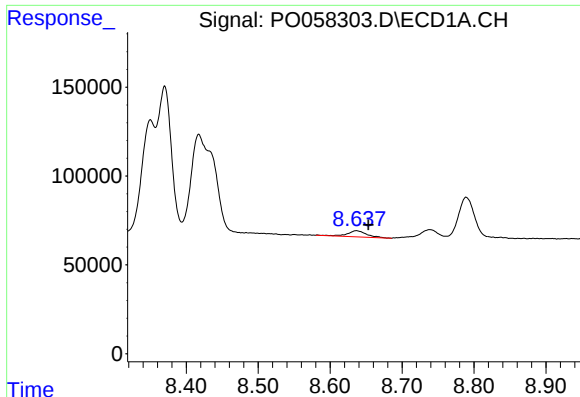
#42 AR-1268-2

R.T.: 8.418 min
Delta R.T.: -0.032 min
Response: 698097
Conc: 76.22 ng/ml



#42 AR-1268-2

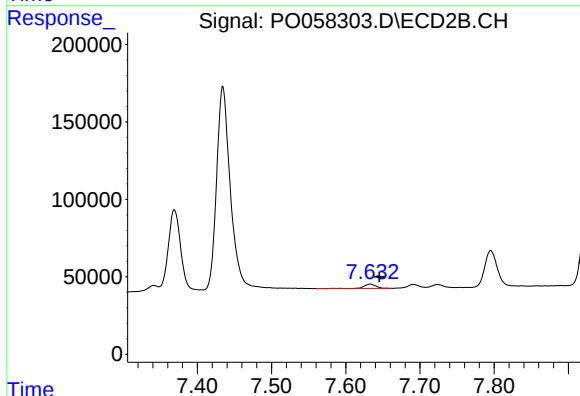
R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 1685986
Conc: 236.63 ng/ml



#43 AR-1268-3

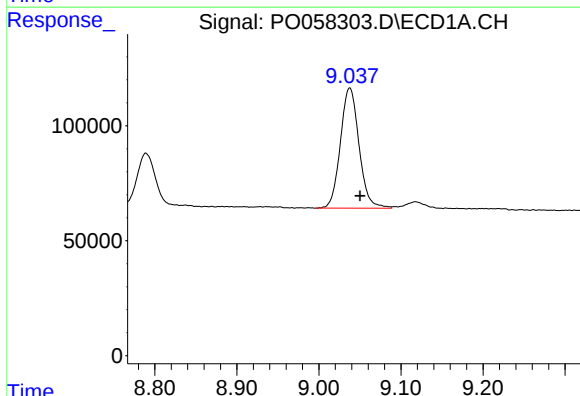
R.T.: 8.636 min
Delta R.T.: -0.017 min
Response: 63313
Conc: 7.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



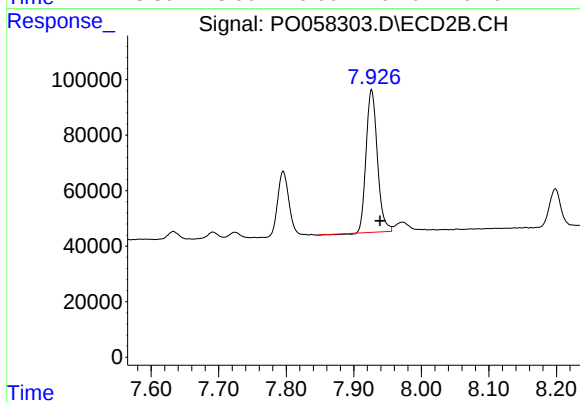
#43 AR-1268-3

R.T.: 7.633 min
Delta R.T.: -0.013 min
Response: 30356
Conc: 5.04 ng/ml



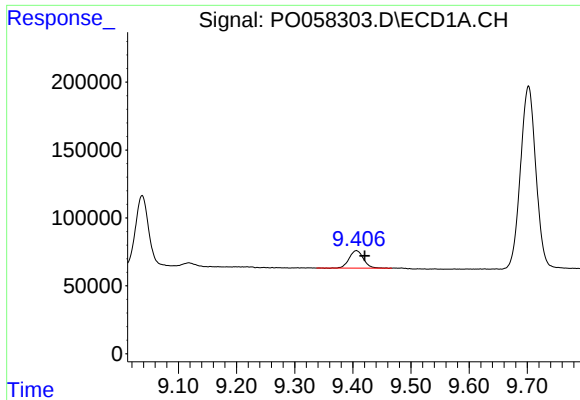
#44 AR-1268-4

R.T.: 9.038 min
Delta R.T.: -0.013 min
Response: 825247
Conc: 278.50 ng/ml



#44 AR-1268-4

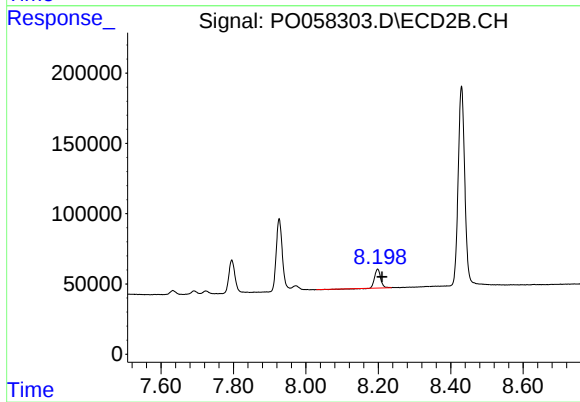
R.T.: 7.926 min
Delta R.T.: -0.012 min
Response: 592443
Conc: 283.22 ng/ml



#45 AR-1268-5

R.T.: 9.406 min
Delta R.T.: -0.014 min
Response: 217832
Conc: 10.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.198 min
Delta R.T.: -0.012 min
Response: 148400
Conc: 8.90 ng/ml