

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092518\
 Data File : P0049278.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Sep 2018 14:01
 Operator : SM/SJ
 Sample : J4042-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:02:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 20 02:02:28 2018
 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...	4.393	3.523	6464484	5911618	34.816	28.606
2)	SA Decachlor...	10.105	8.457	4118260	2852765	14.982	13.935
Target Compounds							
3)	L1 AR-1016-1	5.102	4.186	1243693	1459524	263.758	255.029
4)	L1 AR-1016-2	5.297	4.591	3821265	2402911	789.922	276.187 #
5)	L1 AR-1016-3	5.564	4.610	2198454	2827478	294.041	245.011
6)	L1 AR-1016-4	5.649	4.665	1786801	2106262	274.862	262.279
7)	L1 AR-1016-5	6.042	5.033	2859936	1359232	531.468	196.363 #
8)	L2 AR-1221-1	0.000	3.734	0	219179	N.D.	90.205 #
9)	L2 AR-1221-2	0.000	3.818	0	287472	N.D.	159.651 #
10)	L2 AR-1221-3	0.000	3.893	0	1096209	N.D.	196.233 #
11)	L3 AR-1232-1	5.564	4.374	2198454	1741172	5631.001	743.740 #
12)	L3 AR-1232-2	5.748	4.487	1772187	1333127	880.521	1555.970 #
13)	L3 AR-1232-3	0.000	4.867	0	1759319	N.D.	809.050 #
14)	L3 AR-1232-4	0.000	5.182	0	2206179	N.D.	929.916 #
15)	L3 AR-1232-5	7.167	5.754	3485578	1463970	10767.298	5878.322 #
16)	L4 AR-1242-1	5.102	4.206	1243693	1114386	614.539	427.129 #
17)	L4 AR-1242-2	5.839	4.783	1440761	1994913	388.135	369.440
18)	L4 AR-1242-3	6.042	4.894	2859936	755410	1606.291	421.189 #
19)	L4 AR-1242-4	6.183	5.253	1664886	997011	1219.257	628.188 #
20)	L4 AR-1242-5	6.183	5.645	1664886	2413747	350.561	578.563 #
21)	L5 AR-1248-1	5.839	4.825	1440761	1889211	238.338	270.824
22)	L5 AR-1248-2	6.418	5.384	1784891	2712300	277.891	208.706
23)	L5 AR-1248-3	6.418	5.426	1784891	1020795	212.030	110.337 #
24)	L5 AR-1248-4	6.418	5.581	1784891	3259721	226.013	401.634 #
25)	L5 AR-1248-5	6.636	5.947	10458267	11433820	2012.763	1864.891
26)	L6 AR-1254-1	6.636	5.529	10458267	2306934	706.740	188.025 #
27)	L6 AR-1254-2	6.905	5.840	3780550	3115846	412.143	291.162 #
28)	L6 AR-1254-3	7.014	6.154	6824563	1464915	417.691	106.493 #
29)	L6 AR-1254-4	0.000	6.468	0	996185	N.D.	97.281 #
30)	L6 AR-1254-5	7.554	6.568	2021004	4953938	218.620	255.490
31)	L7 AR-1260-1	7.167	6.057	3485578	4348320	311.614	302.412
32)	L7 AR-1260-2	7.419	6.242	9305419	4021555	693.521	226.835 #
33)	L7 AR-1260-3	7.709	6.395	5172068	3817376	336.145	231.913 #
34)	L7 AR-1260-4	8.008	6.863	3025353	2325385	276.466	174.525 #
35)	L7 AR-1260-5	8.326	7.104	5031203	6067962	209.876	193.712
36)	L8 AR-1262-1	7.064	5.947	3577688	11433820	547.799	1601.883 #
37)	L8 AR-1262-2	7.782	6.658	2221153	1891290	413.255	257.778 #
38)	L8 AR-1262-3	0.000	6.960	0	1549600	N.D.	199.465 #
39)	L8 AR-1262-4	0.000	7.385	0	1286745	N.D.	105.620 #
40)	L8 AR-1262-5	0.000	7.939	0	1245917	N.D.	122.471 #
41)	L9 AR-1268-1	7.782	6.606	2221153	2709655	384.694	370.085

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 Operator : SM/SJ
 Sample : J4042-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

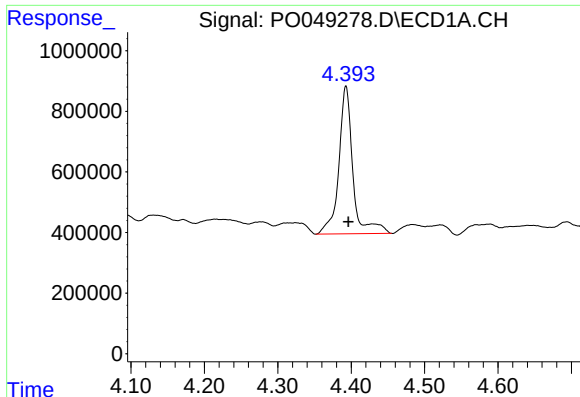
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 01:02:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091918.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	8.008	7.448	3025353	3733233	396.479	112.443 #
43) L9	AR-1268-3	8.649	0.000	2536196	0	74.861	N.D. #
44) L9	AR-1268-4	0.000	7.812	0	616755	N.D.	79.350 #
45) L9	AR-1268-5	0.000	8.215	0	565509	N.D.	7.628 #

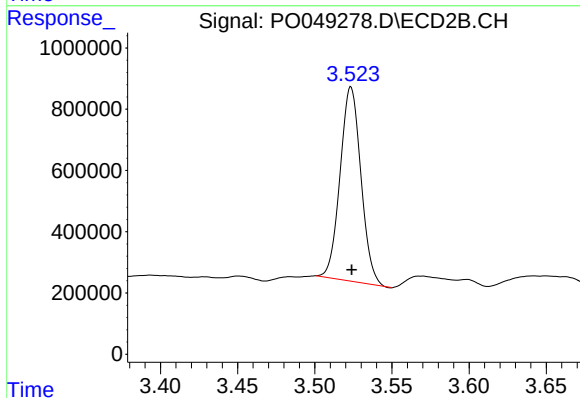
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

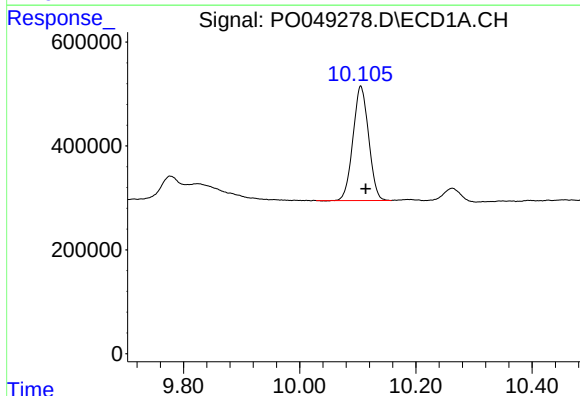
R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 6464484
Conc: 34.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



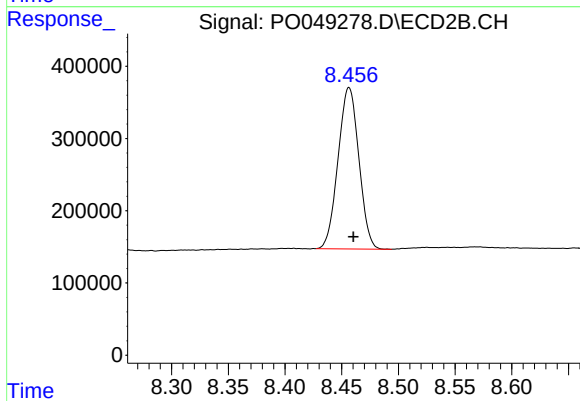
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 5911618
Conc: 28.61 ng/ml



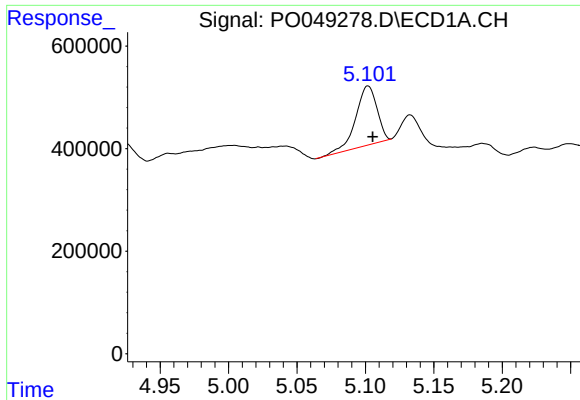
#2 Decachlorobiphenyl

R.T.: 10.105 min
Delta R.T.: -0.008 min
Response: 4118260
Conc: 14.98 ng/ml



#2 Decachlorobiphenyl

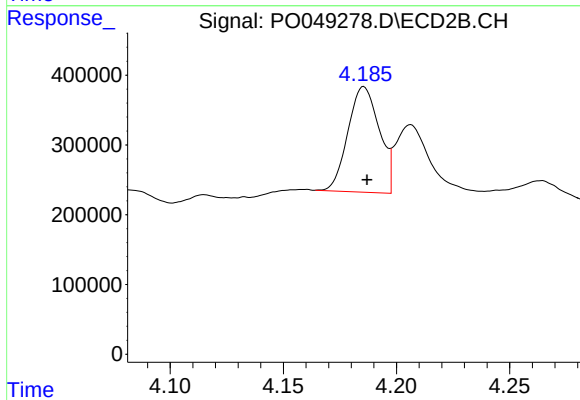
R.T.: 8.457 min
Delta R.T.: -0.004 min
Response: 2852765
Conc: 13.94 ng/ml



#3 AR-1016-1

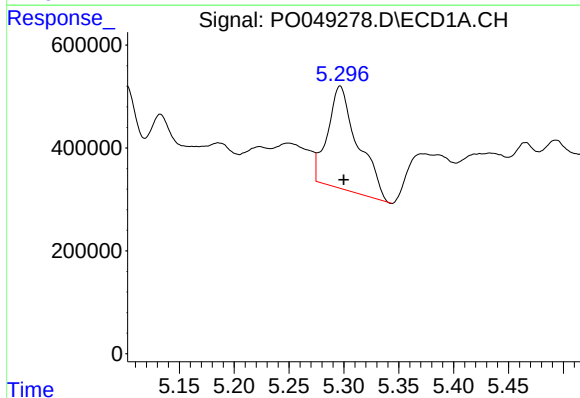
R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 1243693
Conc: 263.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



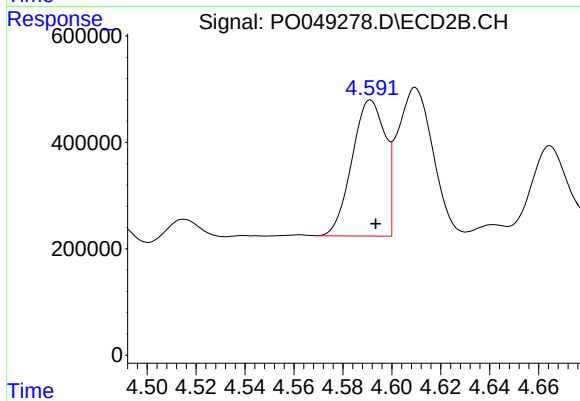
#3 AR-1016-1

R.T.: 4.186 min
Delta R.T.: -0.001 min
Response: 1459524
Conc: 255.03 ng/ml



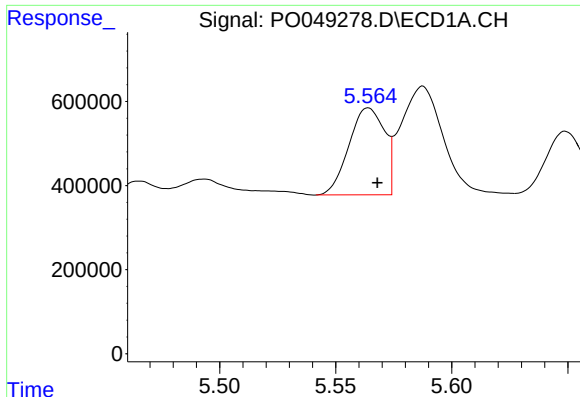
#4 AR-1016-2

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 3821265
Conc: 789.92 ng/ml



#4 AR-1016-2

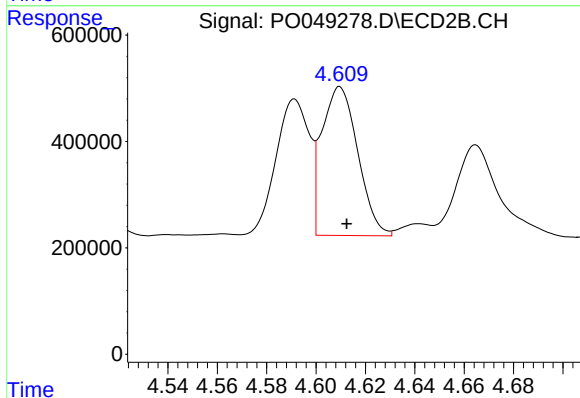
R.T.: 4.591 min
Delta R.T.: -0.002 min
Response: 2402911
Conc: 276.19 ng/ml



#5 AR-1016-3

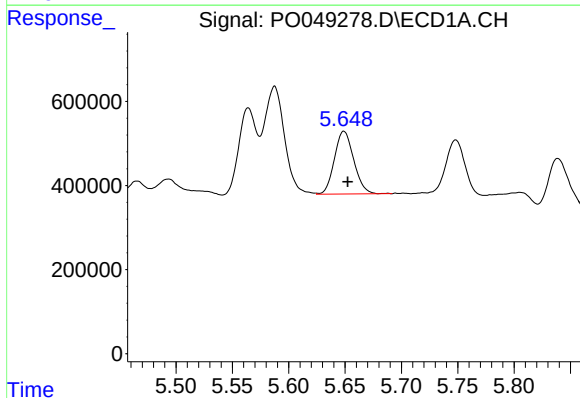
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 2198454
Conc: 294.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



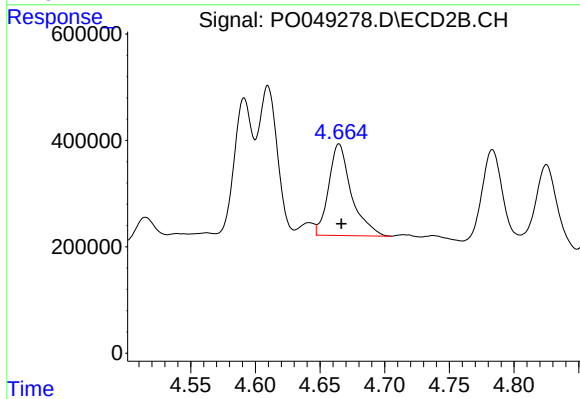
#5 AR-1016-3

R.T.: 4.610 min
Delta R.T.: -0.003 min
Response: 2827478
Conc: 245.01 ng/ml



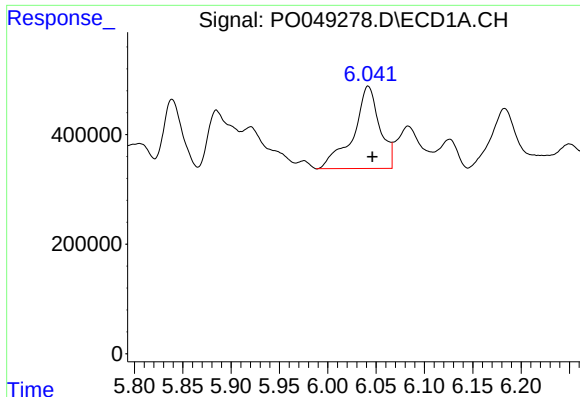
#6 AR-1016-4

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 1786801
Conc: 274.86 ng/ml



#6 AR-1016-4

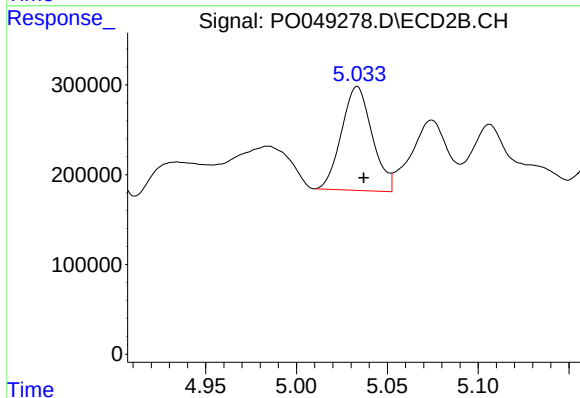
R.T.: 4.665 min
Delta R.T.: -0.002 min
Response: 2106262
Conc: 262.28 ng/ml



#7 AR-1016-5

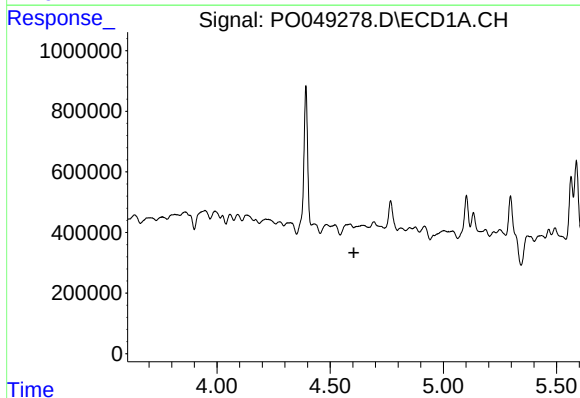
R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 2859936
Conc: 531.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



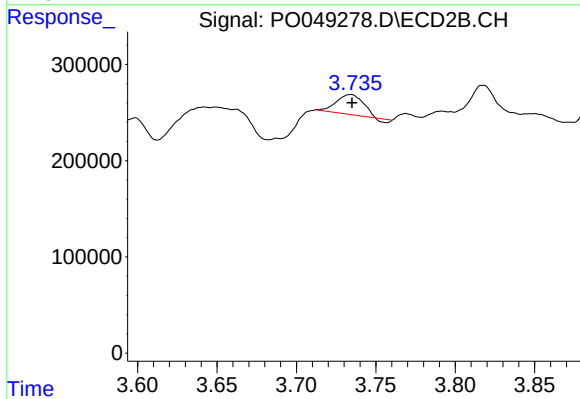
#7 AR-1016-5

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 1359232
Conc: 196.36 ng/ml



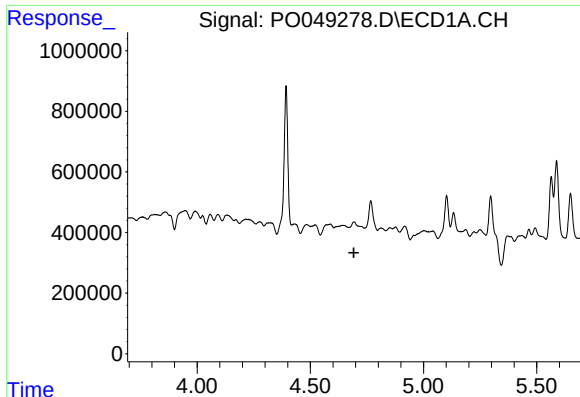
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.605 min
Response: 0
Conc: N.D.



#8 AR-1221-1

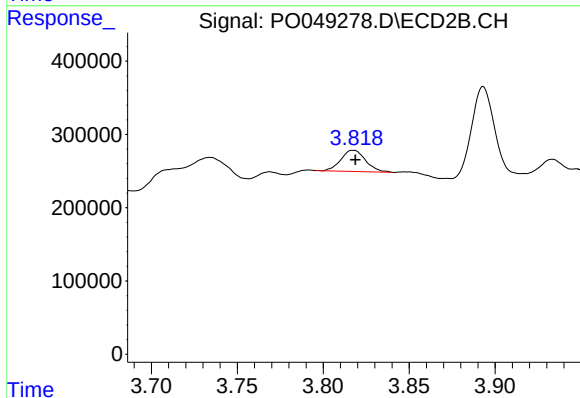
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 219179
Conc: 90.20 ng/ml



#9 AR-1221-2

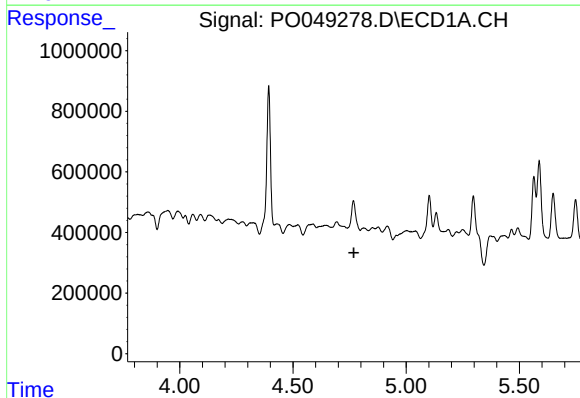
R.T.: 0.000 min
Exp R.T.: 4.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



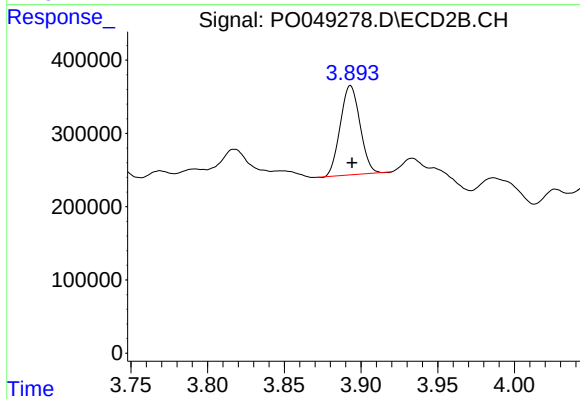
#9 AR-1221-2

R.T.: 3.818 min
Delta R.T.: -0.001 min
Response: 287472
Conc: 159.65 ng/ml



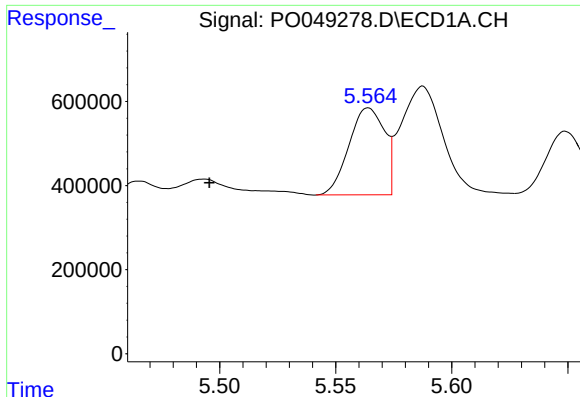
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.769 min
Response: 0
Conc: N.D.



#10 AR-1221-3

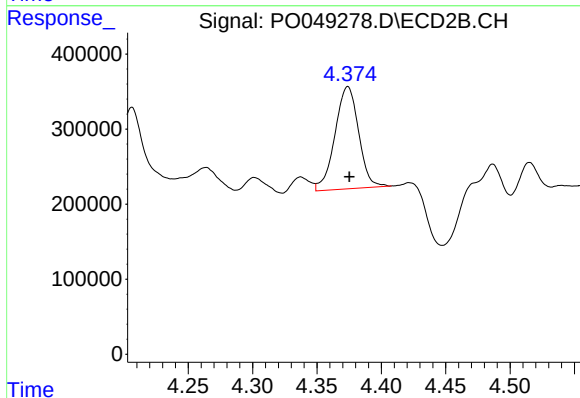
R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 1096209
Conc: 196.23 ng/ml



#11 AR-1232-1

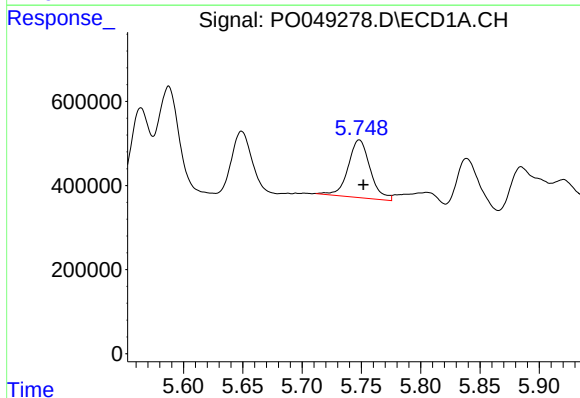
R.T.: 5.564 min
Delta R.T.: 0.069 min
Response: 2198454
Conc: 5631.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



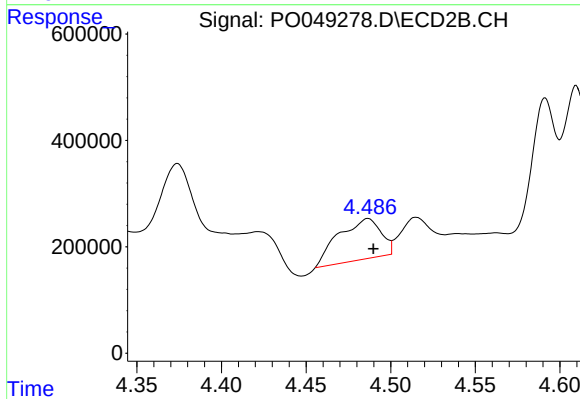
#11 AR-1232-1

R.T.: 4.374 min
Delta R.T.: -0.001 min
Response: 1741172
Conc: 743.74 ng/ml



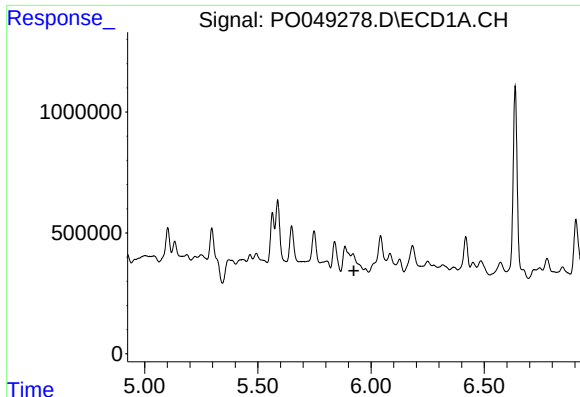
#12 AR-1232-2

R.T.: 5.748 min
Delta R.T.: -0.003 min
Response: 1772187
Conc: 880.52 ng/ml



#12 AR-1232-2

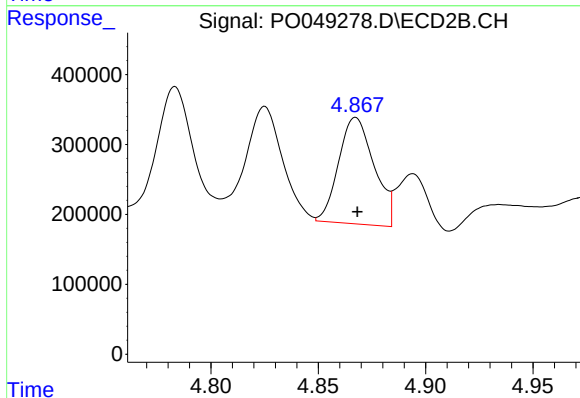
R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 1333127
Conc: 1555.97 ng/ml



#13 AR-1232-3

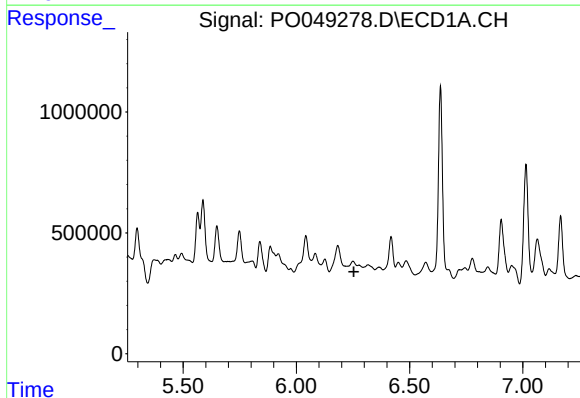
R.T.: 0.000 min
Exp R.T.: 5.924 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



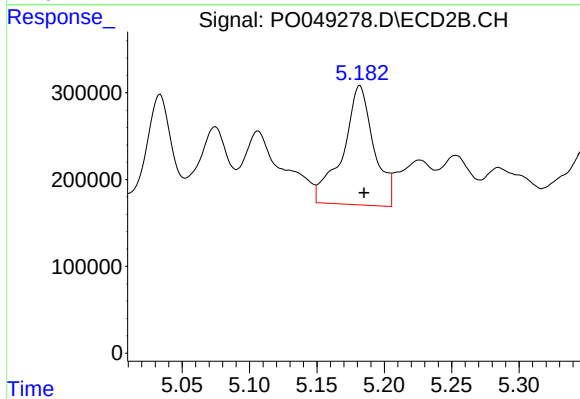
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1759319
Conc: 809.05 ng/ml



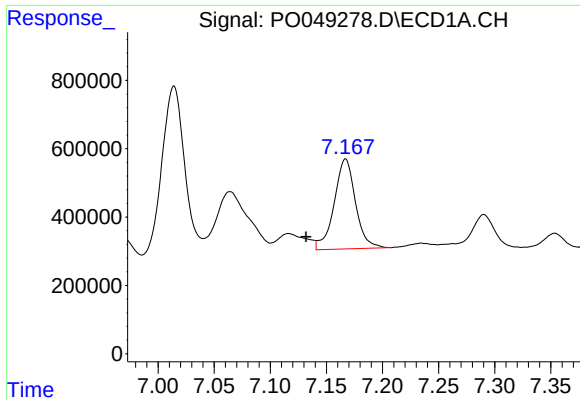
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.



#14 AR-1232-4

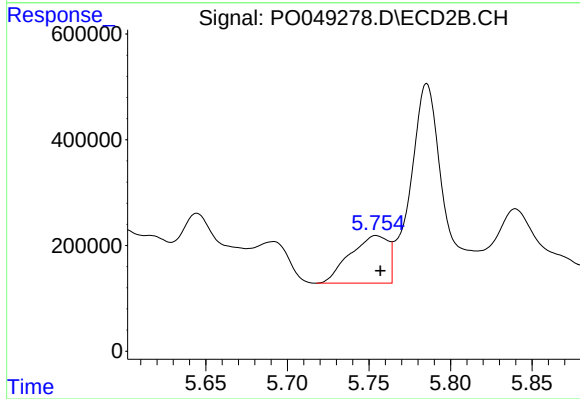
R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 2206179
Conc: 929.92 ng/ml



#15 AR-1232-5

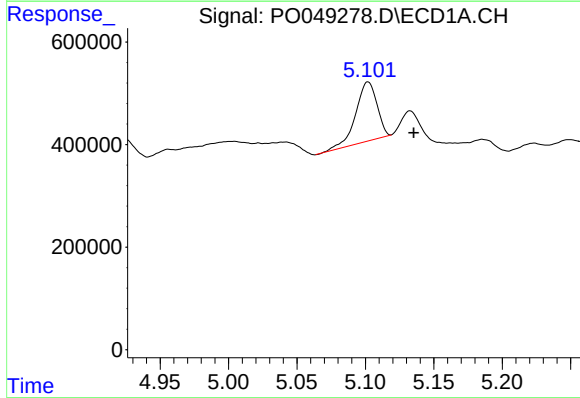
R.T.: 7.167 min
Delta R.T.: 0.035 min
Response: 3485578
Conc: 10767.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



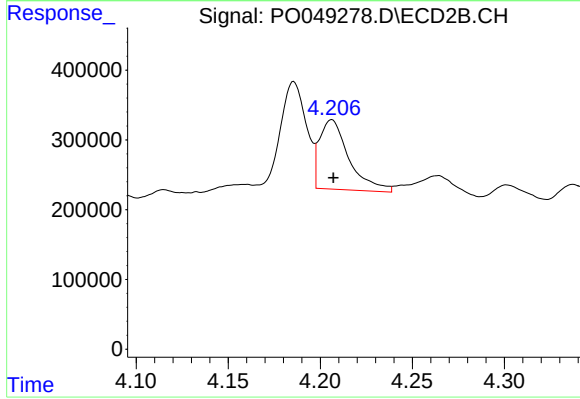
#15 AR-1232-5

R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 1463970
Conc: 5878.32 ng/ml



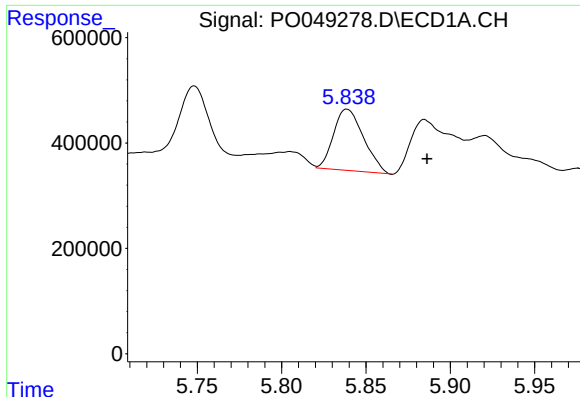
#16 AR-1242-1

R.T.: 5.102 min
Delta R.T.: -0.033 min
Response: 1243693
Conc: 614.54 ng/ml



#16 AR-1242-1

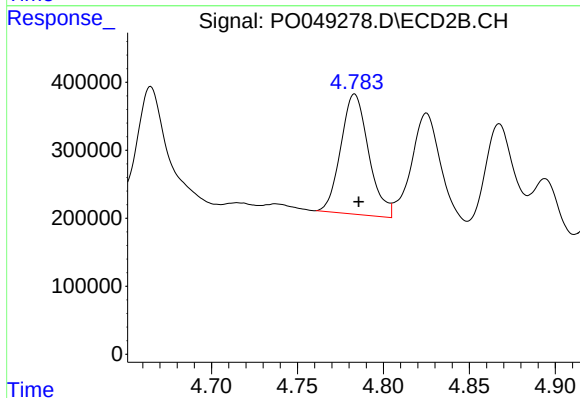
R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 1114386
Conc: 427.13 ng/ml



#17 AR-1242-2

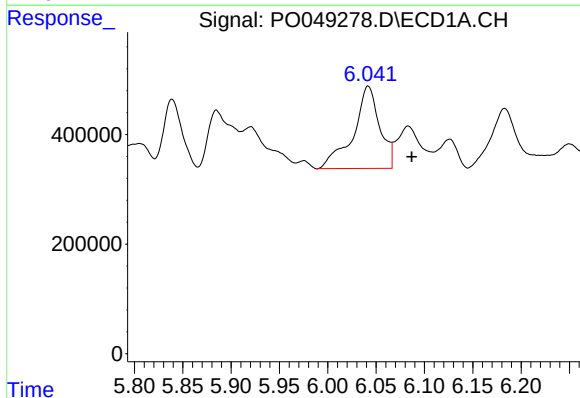
R.T.: 5.839 min
Delta R.T.: -0.047 min
Response: 1440761
Conc: 388.14 ng/ml

Instrument :
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ClientSampleId :



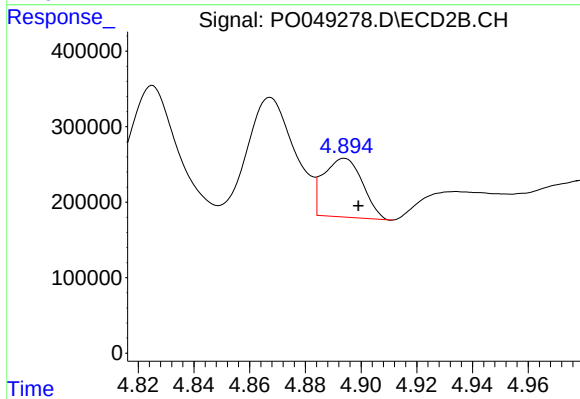
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 1994913
Conc: 369.44 ng/ml



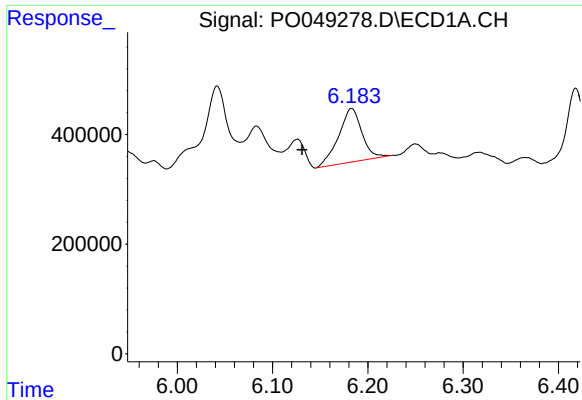
#18 AR-1242-3

R.T.: 6.042 min
Delta R.T.: -0.045 min
Response: 2859936
Conc: 1606.29 ng/ml



#18 AR-1242-3

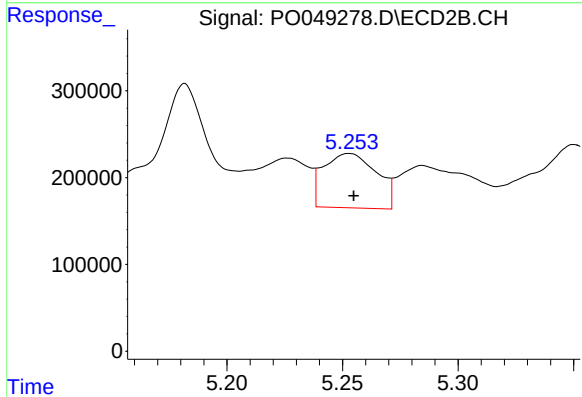
R.T.: 4.894 min
Delta R.T.: -0.005 min
Response: 755410
Conc: 421.19 ng/ml



#19 AR-1242-4

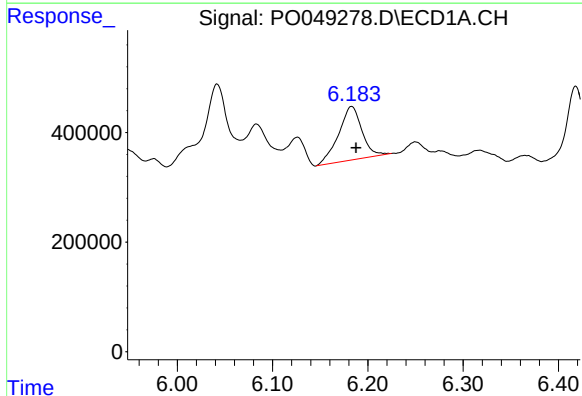
R.T.: 6.183 min
Delta R.T.: 0.052 min
Response: 1664886
Conc: 1219.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



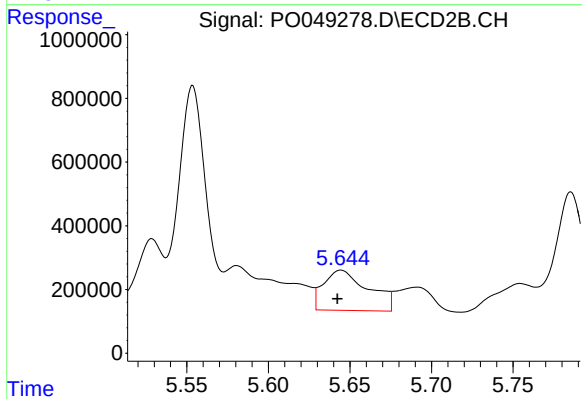
#19 AR-1242-4

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 997011
Conc: 628.19 ng/ml



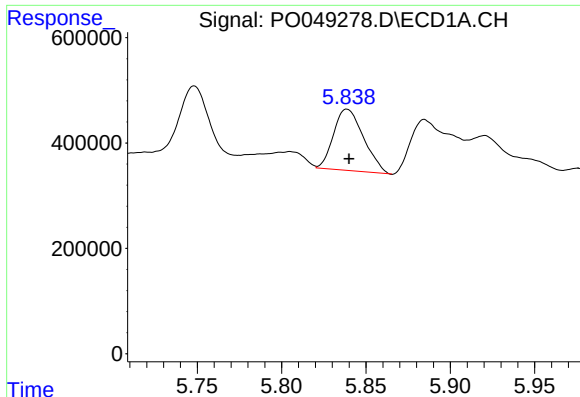
#20 AR-1242-5

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 1664886
Conc: 350.56 ng/ml



#20 AR-1242-5

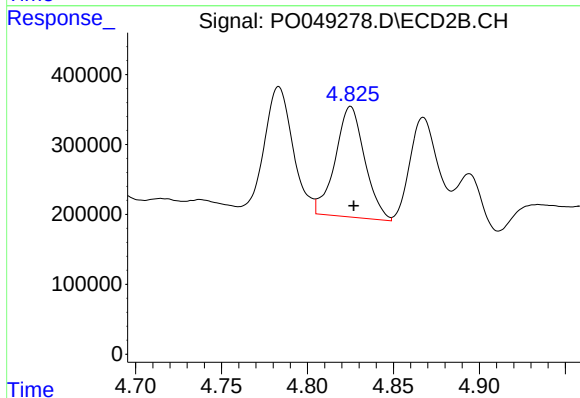
R.T.: 5.645 min
Delta R.T.: 0.002 min
Response: 2413747
Conc: 578.56 ng/ml



#21 AR-1248-1

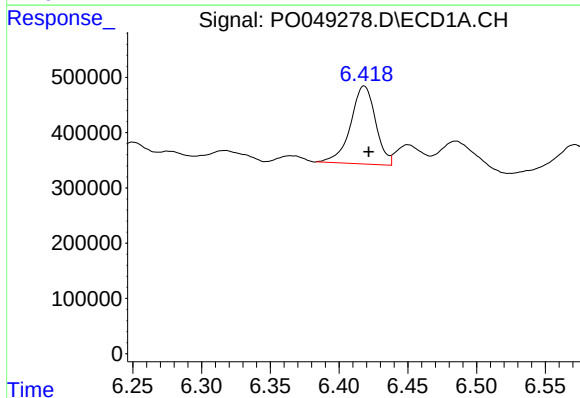
R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1440761
Conc: 238.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



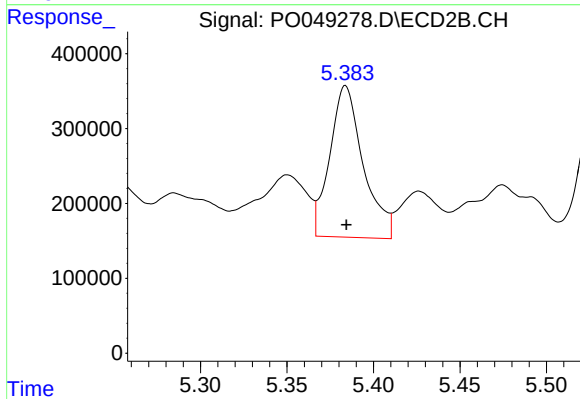
#21 AR-1248-1

R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 1889211
Conc: 270.82 ng/ml



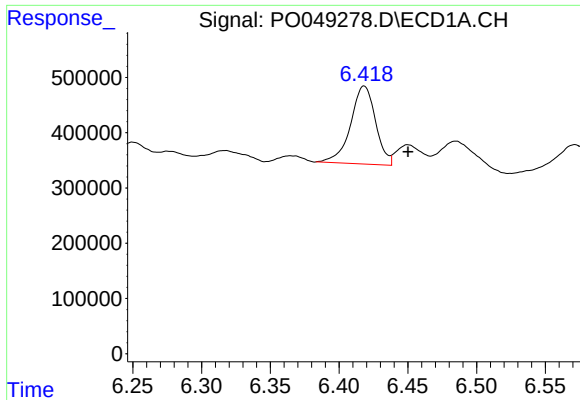
#22 AR-1248-2

R.T.: 6.418 min
Delta R.T.: -0.003 min
Response: 1784891
Conc: 277.89 ng/ml



#22 AR-1248-2

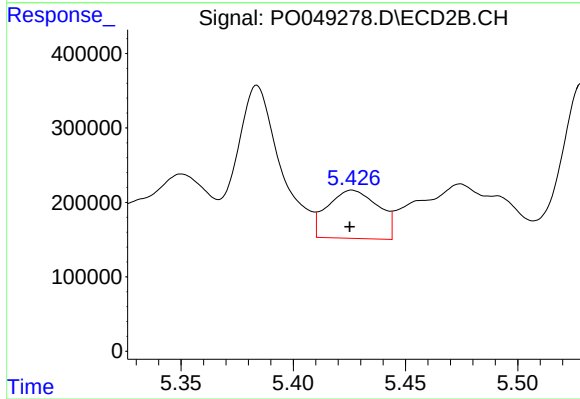
R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 2712300
Conc: 208.71 ng/ml



#23 AR-1248-3

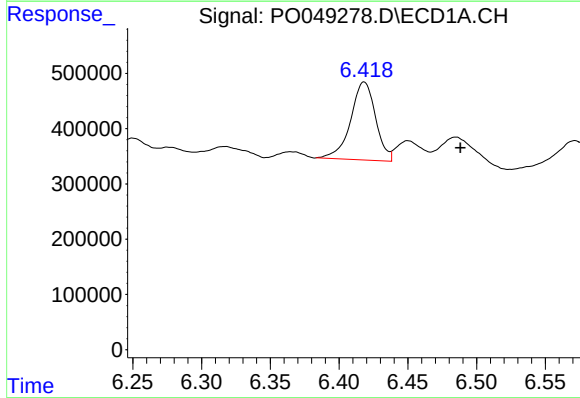
R.T.: 6.418 min
Delta R.T.: -0.032 min
Response: 1784891
Conc: 212.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



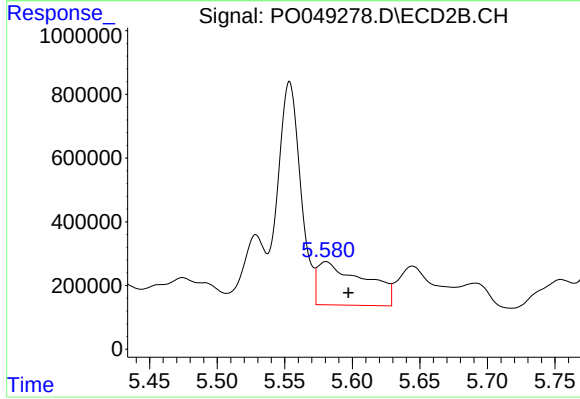
#23 AR-1248-3

R.T.: 5.426 min
Delta R.T.: 0.001 min
Response: 1020795
Conc: 110.34 ng/ml



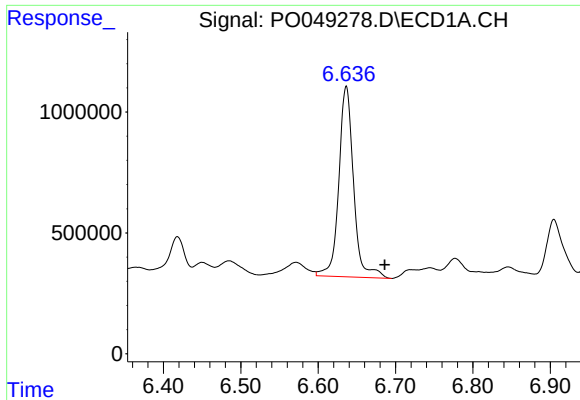
#24 AR-1248-4

R.T.: 6.418 min
Delta R.T.: -0.070 min
Response: 1784891
Conc: 226.01 ng/ml



#24 AR-1248-4

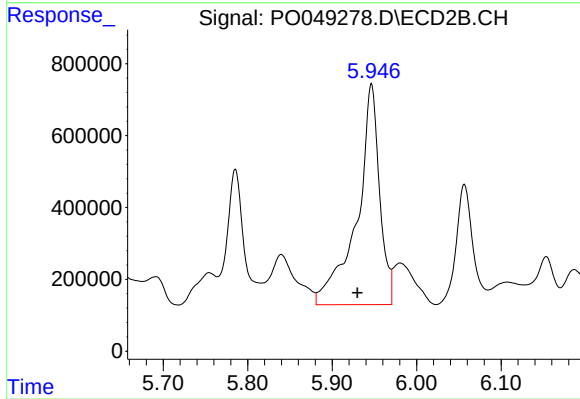
R.T.: 5.581 min
Delta R.T.: -0.016 min
Response: 3259721
Conc: 401.63 ng/ml



#25 AR-1248-5

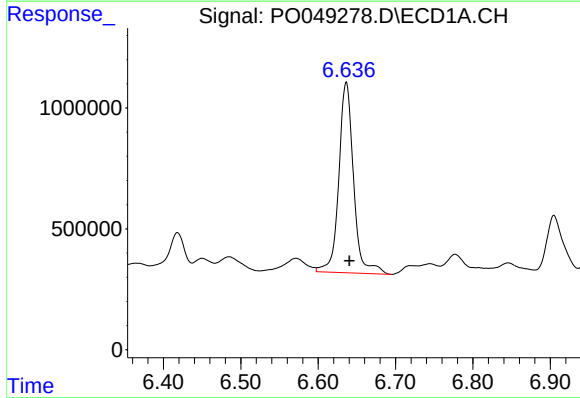
R.T.: 6.636 min
Delta R.T.: -0.050 min
Response: 10458267
Conc: 2012.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



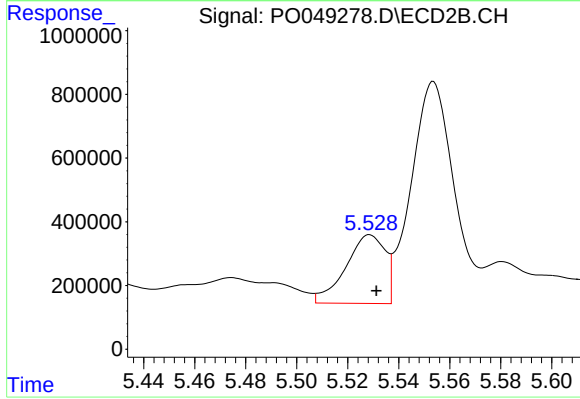
#25 AR-1248-5

R.T.: 5.947 min
Delta R.T.: 0.017 min
Response: 11433820
Conc: 1864.89 ng/ml



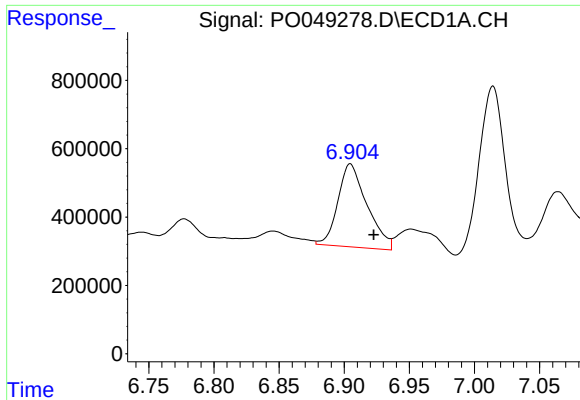
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 10458267
Conc: 706.74 ng/ml



#26 AR-1254-1

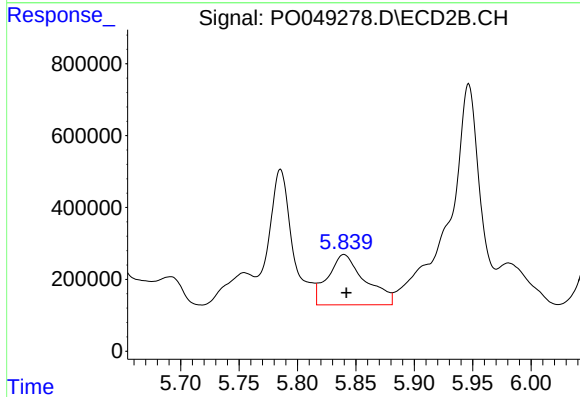
R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 2306934
Conc: 188.02 ng/ml



#27 AR-1254-2

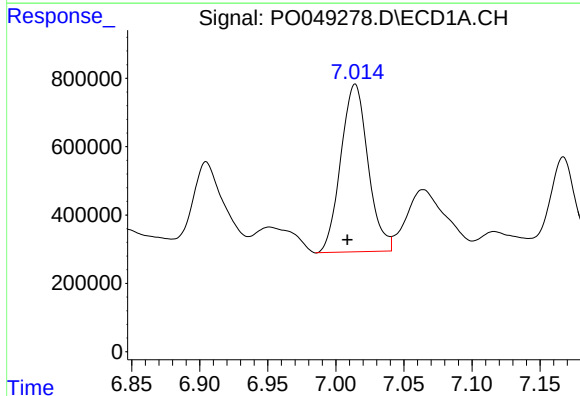
R.T.: 6.905 min
Delta R.T.: -0.018 min
Response: 3780550
Conc: 412.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



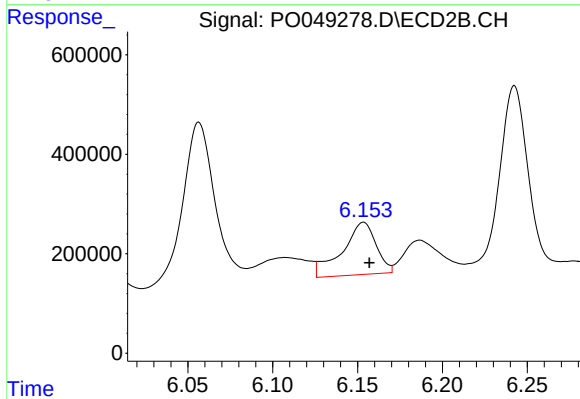
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: -0.002 min
Response: 3115846
Conc: 291.16 ng/ml



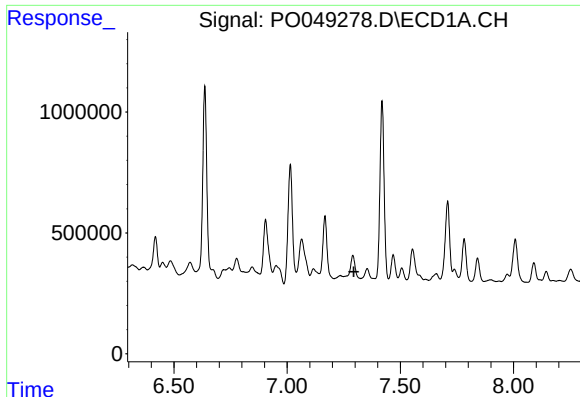
#28 AR-1254-3

R.T.: 7.014 min
Delta R.T.: 0.005 min
Response: 6824563
Conc: 417.69 ng/ml



#28 AR-1254-3

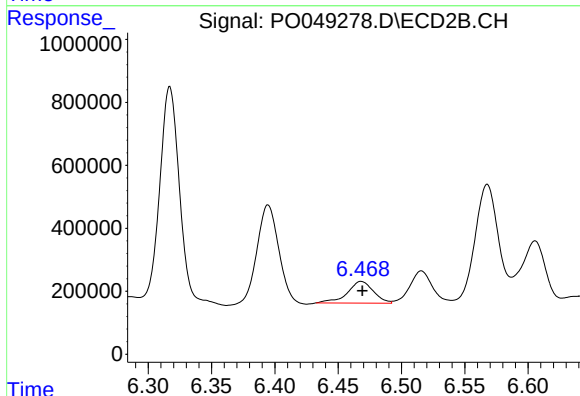
R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 1464915
Conc: 106.49 ng/ml



#29 AR-1254-4

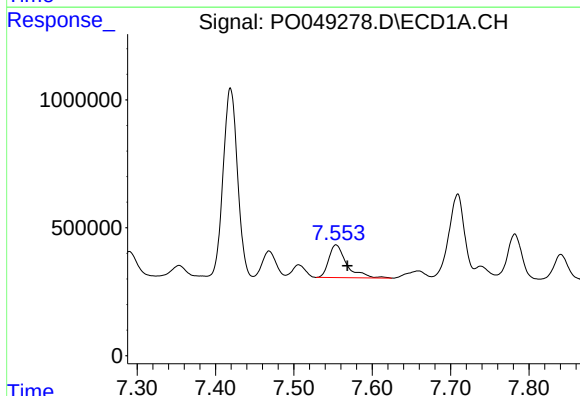
R.T.: 0.000 min
Exp R.T.: 7.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



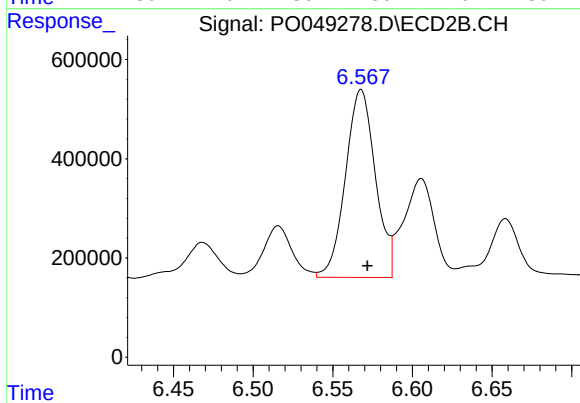
#29 AR-1254-4

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 996185
Conc: 97.28 ng/ml



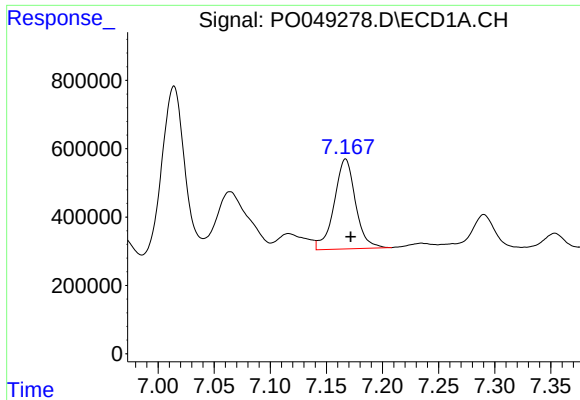
#30 AR-1254-5

R.T.: 7.554 min
Delta R.T.: -0.014 min
Response: 2021004
Conc: 218.62 ng/ml



#30 AR-1254-5

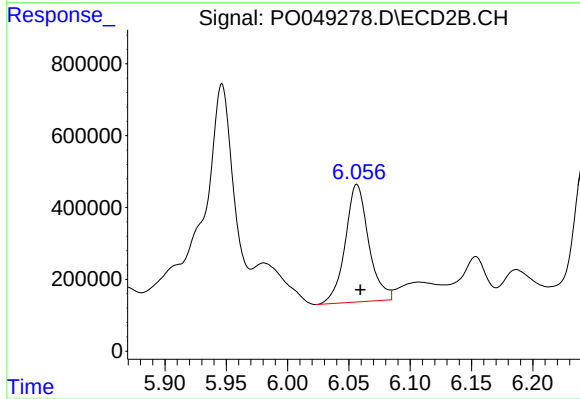
R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 4953938
Conc: 255.49 ng/ml



#31 AR-1260-1

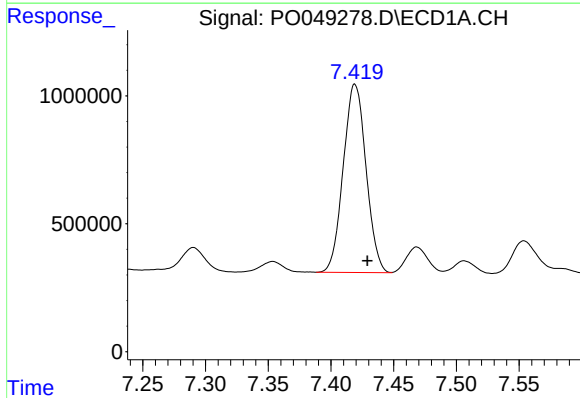
R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 3485578
Conc: 311.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



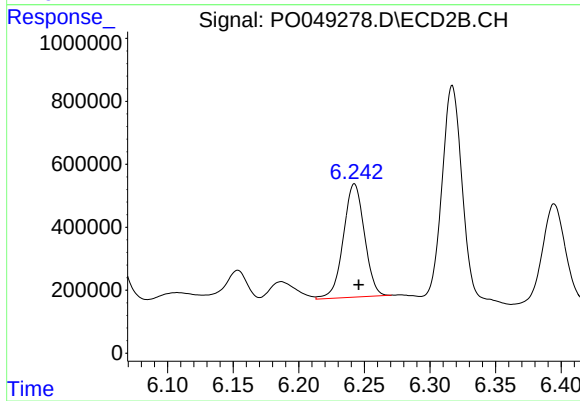
#31 AR-1260-1

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 4348320
Conc: 302.41 ng/ml



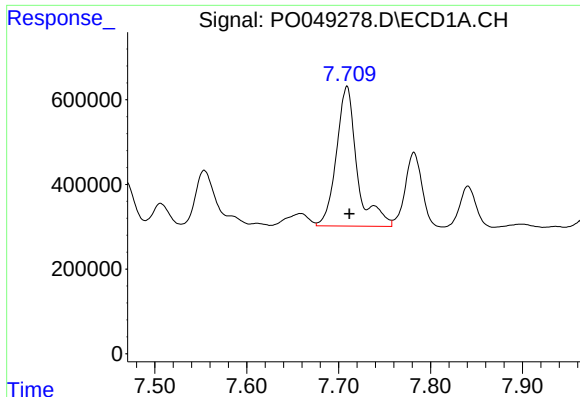
#32 AR-1260-2

R.T.: 7.419 min
Delta R.T.: -0.010 min
Response: 9305419
Conc: 693.52 ng/ml



#32 AR-1260-2

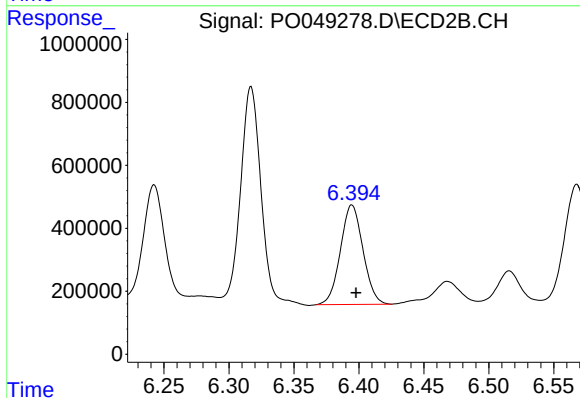
R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 4021555
Conc: 226.84 ng/ml



#33 AR-1260-3

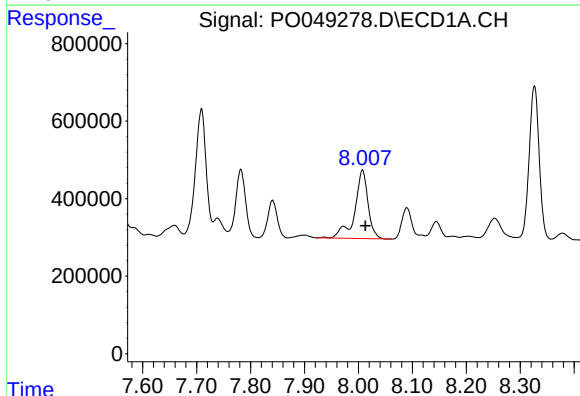
R.T.: 7.709 min
Delta R.T.: -0.003 min
Response: 5172068
Conc: 336.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



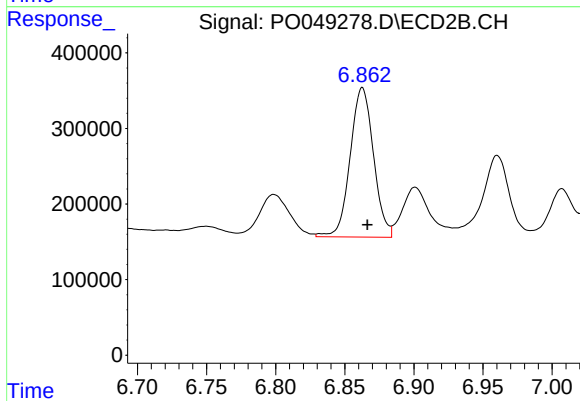
#33 AR-1260-3

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 3817376
Conc: 231.91 ng/ml



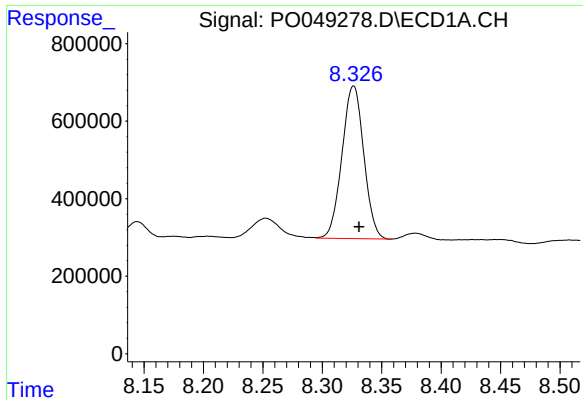
#34 AR-1260-4

R.T.: 8.008 min
Delta R.T.: -0.006 min
Response: 3025353
Conc: 276.47 ng/ml



#34 AR-1260-4

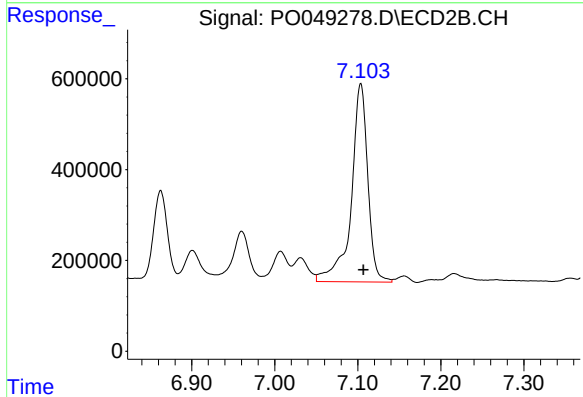
R.T.: 6.863 min
Delta R.T.: -0.004 min
Response: 2325385
Conc: 174.53 ng/ml



#35 AR-1260-5

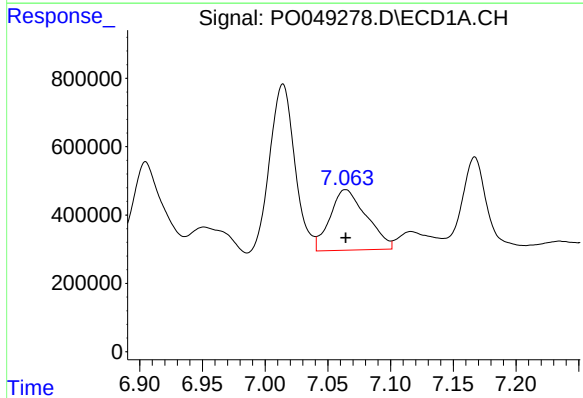
R.T.: 8.326 min
Delta R.T.: -0.005 min
Response: 5031203
Conc: 209.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



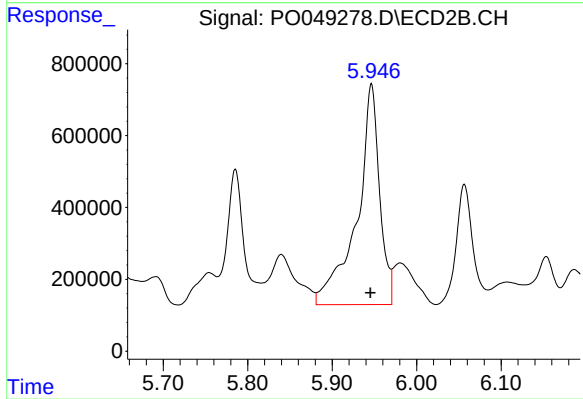
#35 AR-1260-5

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 6067962
Conc: 193.71 ng/ml



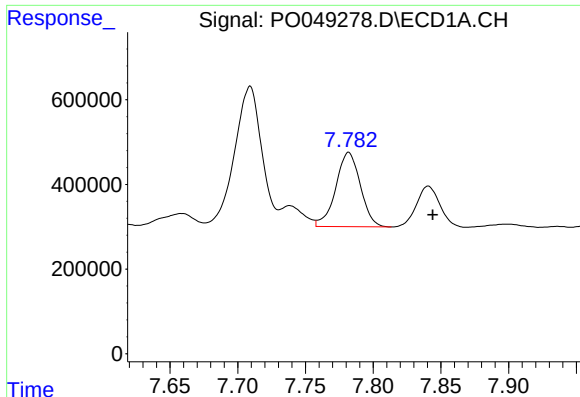
#36 AR-1262-1

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 3577688
Conc: 547.80 ng/ml



#36 AR-1262-1

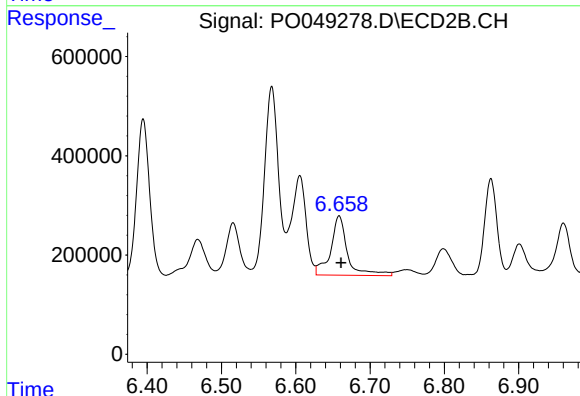
R.T.: 5.947 min
Delta R.T.: 0.001 min
Response: 11433820
Conc: 1601.88 ng/ml



#37 AR-1262-2

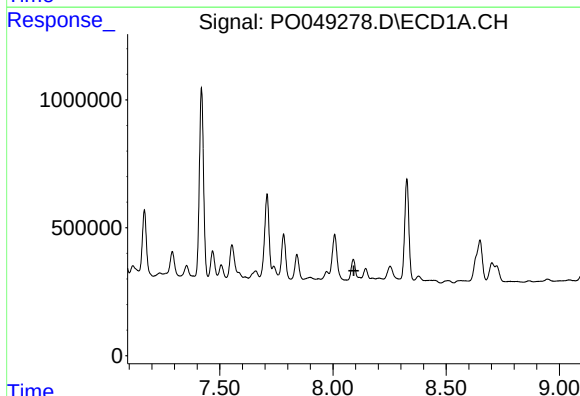
R.T.: 7.782 min
Delta R.T.: -0.062 min
Response: 2221153
Conc: 413.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



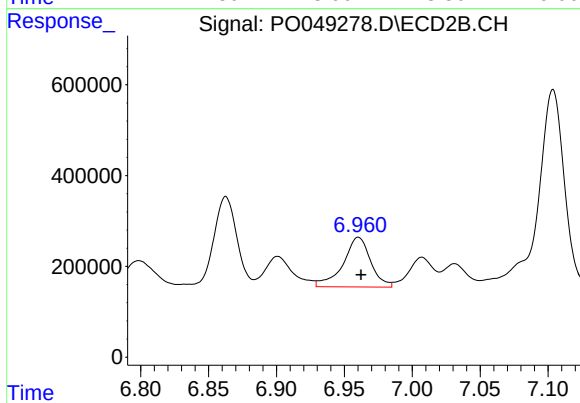
#37 AR-1262-2

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 1891290
Conc: 257.78 ng/ml



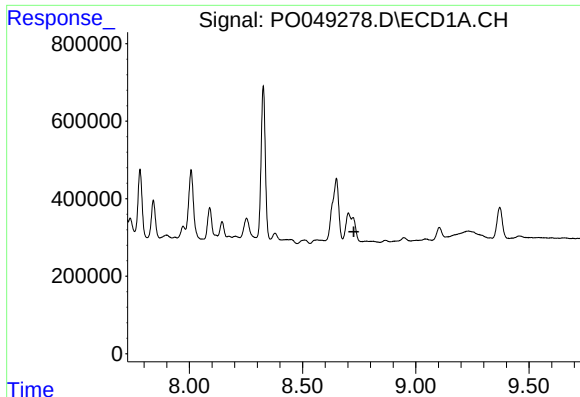
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.092 min
Response: 0
Conc: N.D.



#38 AR-1262-3

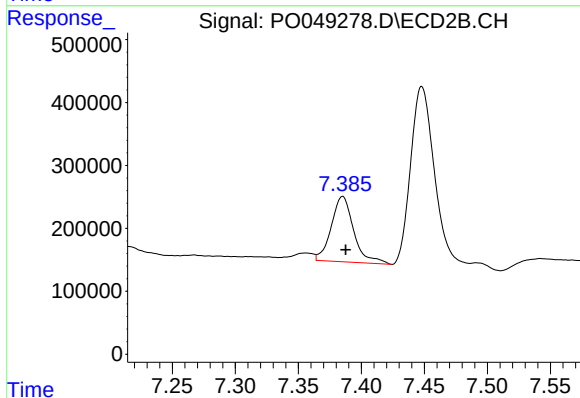
R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 1549600
Conc: 199.46 ng/ml



#39 AR-1262-4

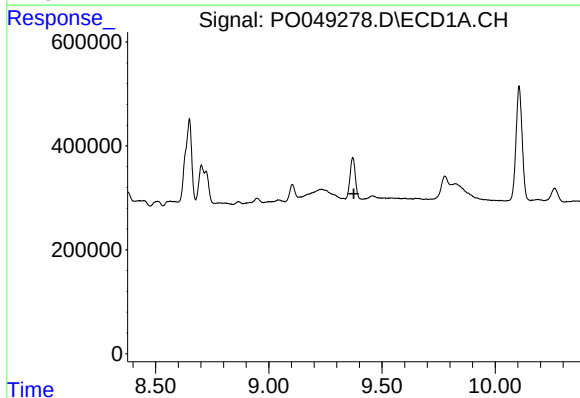
R.T.: 0.000 min
Exp R.T.: 8.727 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



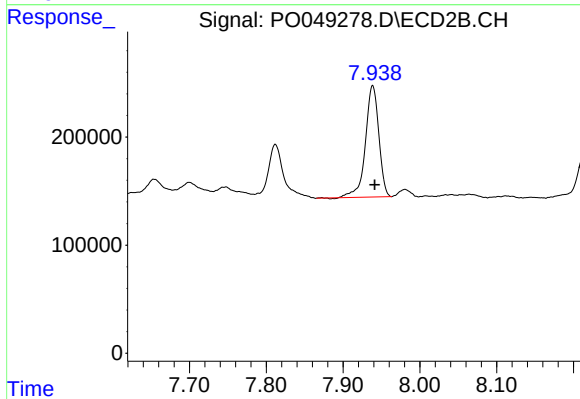
#39 AR-1262-4

R.T.: 7.385 min
Delta R.T.: -0.003 min
Response: 1286745
Conc: 105.62 ng/ml



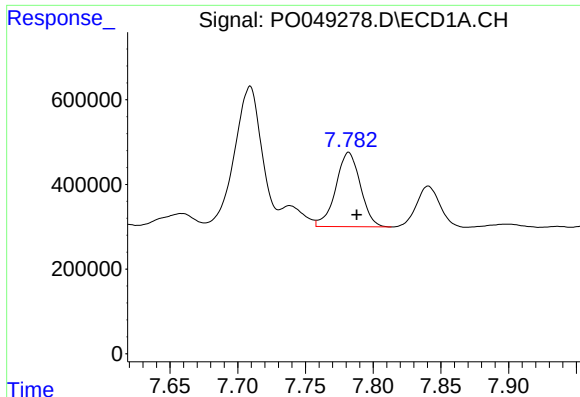
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.376 min
Response: 0
Conc: N.D.



#40 AR-1262-5

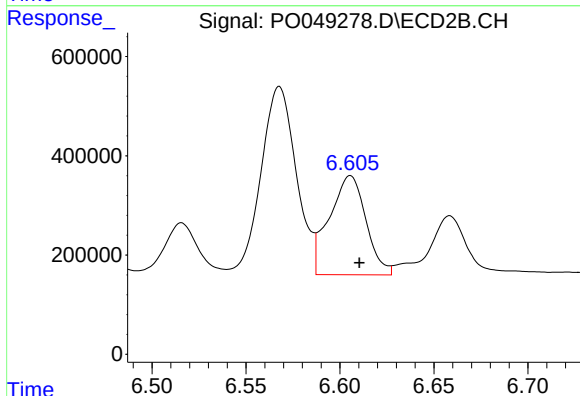
R.T.: 7.939 min
Delta R.T.: -0.003 min
Response: 1245917
Conc: 122.47 ng/ml



#41 AR-1268-1

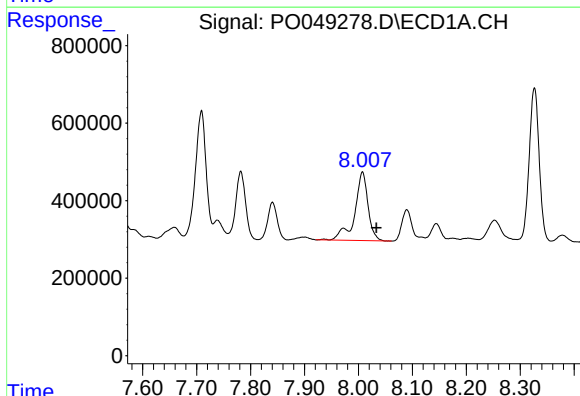
R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 2221153
Conc: 384.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



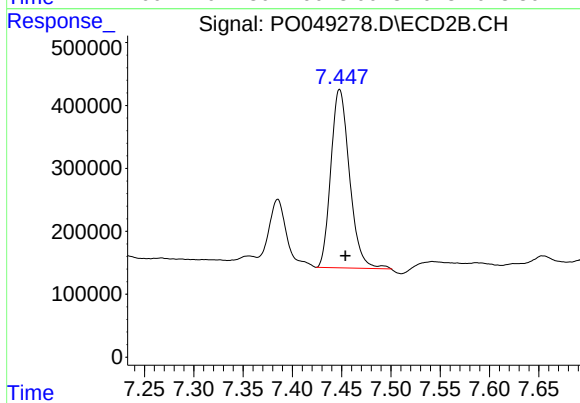
#41 AR-1268-1

R.T.: 6.606 min
Delta R.T.: -0.005 min
Response: 2709655
Conc: 370.09 ng/ml



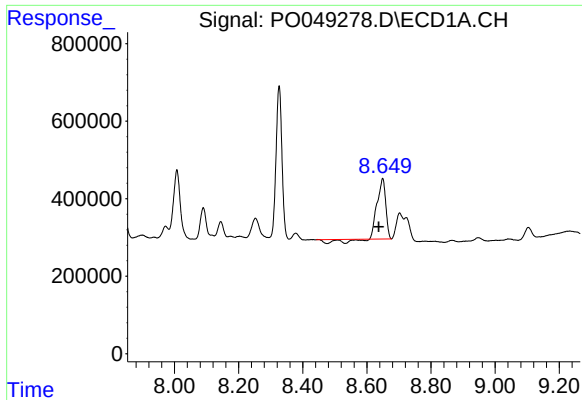
#42 AR-1268-2

R.T.: 8.008 min
Delta R.T.: -0.025 min
Response: 3025353
Conc: 396.48 ng/ml



#42 AR-1268-2

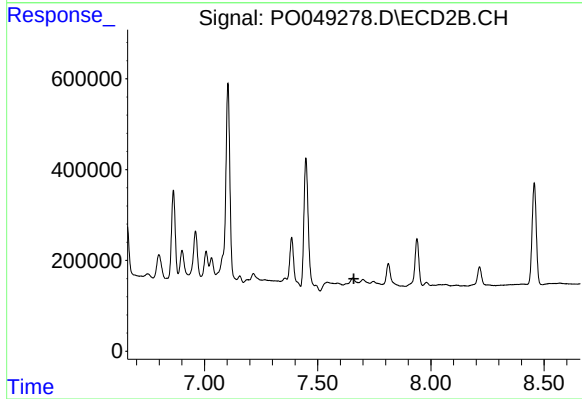
R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 3733233
Conc: 112.44 ng/ml



#43 AR-1268-3

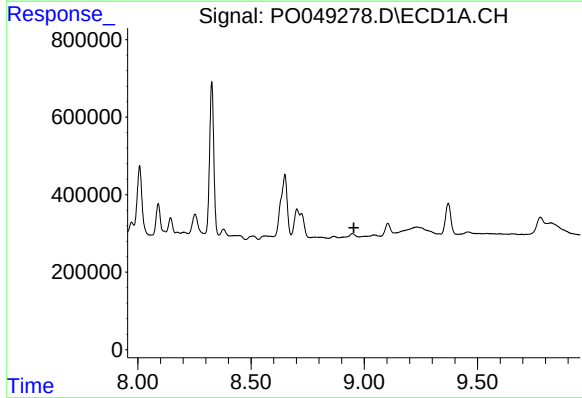
R.T.: 8.649 min
Delta R.T.: 0.012 min
Response: 2536196
Conc: 74.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



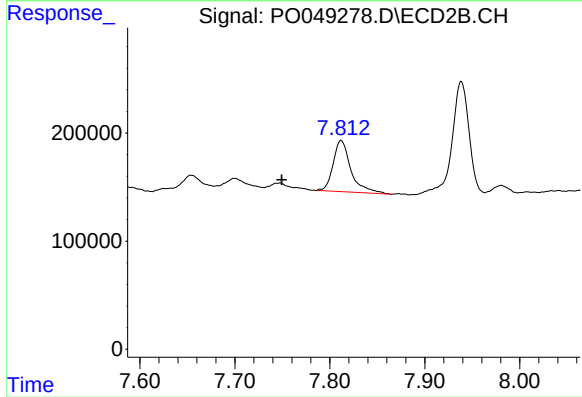
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.660 min
Response: 0
Conc: N.D.



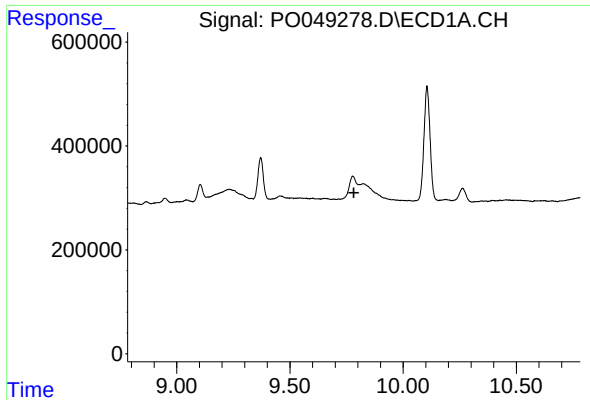
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#44 AR-1268-4

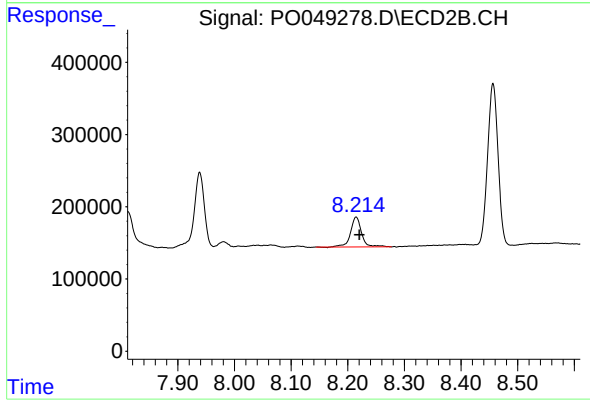
R.T.: 7.812 min
Delta R.T.: 0.063 min
Response: 616755
Conc: 79.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.215 min
Delta R.T.: -0.006 min
Response: 565509
Conc: 7.63 ng/ml