

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031519\
 Data File : P0054449.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Mar 2019 00:12
 Operator : SM/SJ
 Sample : K1900-09MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 03:39:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Mar 15 05:00:00 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...	4.012	3.104	99299368	4655070	20.163	18.320
2)	SA Decachlor...	9.319	7.665	30244066	6408426	21.955	21.669
Target Compounds							
3)	L1 AR-1016-1	5.143	4.067	24109656	2101077	205.704	181.351
4)	L1 AR-1016-2	5.163	4.081	35162589	3398650	198.294	183.052
5)	L1 AR-1016-3	5.223	4.236	19437639	1780776	197.860	182.076
6)	L1 AR-1016-4	5.321	4.278	16186297	1388020	201.184	180.917
7)	L1 AR-1016-5	5.601	4.466	13719846	1911755	197.964	188.048
8)	L2 AR-1221-1	0.000	3.292	0	132387	N.D.	41.865 #
9)	L2 AR-1221-2	0.000	3.369	0	225595	N.D.	95.819 #
10)	L2 AR-1221-3	4.382	3.435	12057499	909932	120.046	118.846
11)	L3 AR-1232-1	4.382	3.435	12057499	909932	139.054	134.660
12)	L3 AR-1232-2	4.884	4.081	17713459	3398650	468.730	400.998
13)	L3 AR-1232-3	5.163	4.236	35162589	1780776	472.809	397.628
14)	L3 AR-1232-4	5.321	4.312	16186297	1660041	477.660	443.948
15)	L3 AR-1232-5	5.403	4.466	11221659	1911755	543.303	439.452
16)	L4 AR-1242-1	5.143	4.067	24109656	2101077	255.977	220.998
17)	L4 AR-1242-2	5.163	4.081	35162589	3398650	252.716	219.013
18)	L4 AR-1242-3	5.223	4.236	19437639	1780776	250.717	217.570
19)	L4 AR-1242-4	5.321	4.312	16186297	1660041	250.634	218.346
20)	L4 AR-1242-5	5.963	4.784	7692891	1549876	129.839	147.766
21)	L5 AR-1248-1	5.143	4.067	24109656	2101077	247.047	200.856
22)	L5 AR-1248-2	5.403	4.278	11221659	1388020	95.593	96.923
23)	L5 AR-1248-3	5.601	4.312	13719846	1660041	105.139	115.312
24)	L5 AR-1248-4	5.963	4.466	7692891	1911755	54.965	102.808 #
25)	L5 AR-1248-5	5.963	4.824	7692891	378243	56.095	19.615 #
26)	L6 AR-1254-1	5.963	4.784	7692891	1549876	83.176	74.347
27)	L6 AR-1254-2	6.173	4.923	9525977	1410603	68.393	77.507
28)	L6 AR-1254-3	6.584	5.301	12139230	2732423	87.409	98.405
29)	L6 AR-1254-4	0.000	5.510	0	554556	N.D.	29.969 #
30)	L6 AR-1254-5	7.223	5.894	25445177	5277061	278.384	262.704
31)	L7 AR-1260-1	6.689	5.408	19955053	4275539	221.146	233.350
32)	L7 AR-1260-2	6.941	5.592	23714856	5113099	213.905	229.559
33)	L7 AR-1260-3	7.289	5.726	14744096	4927314	173.893	240.317 #
34)	L7 AR-1260-4	7.514	6.168	16755528	3007174	206.774	183.232
35)	L7 AR-1260-5	7.819	6.410	31472823	7009979	174.835	185.425
36)	L8 AR-1262-1	7.289	5.927	14744096	3596329	106.823	135.978 #
37)	L8 AR-1262-2	7.819	6.410	31472823	7009979	137.656	154.371
38)	L8 AR-1262-3	8.110	6.669	11864731	1371134	249.385	75.178 #
39)	L8 AR-1262-4	8.153	6.732	10709569	4955856	96.130	146.031 #
40)	L8 AR-1262-5	8.727	7.216	6924684	1522061	93.860	94.412
41)	L9 AR-1268-1	8.082	6.669	6201024	1371134	24.493	27.574

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 Acq On : 16 Mar 2019 00:12
 Operator : SM/SJ
 Sample : K1900-09MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

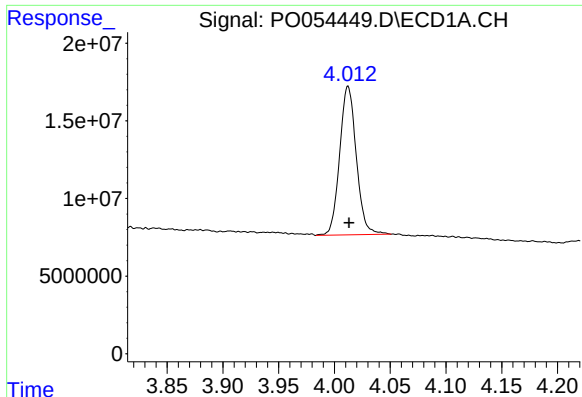
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 03:39:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.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	8.153	6.732	10709569	4955856	45.215	105.187 #
43) L9	AR-1268-3	0.000	6.913	0	199430	N.D.	5.121 #
44) L9	AR-1268-4	8.727	7.216	6924684	1522061	86.425	89.921
45) L9	AR-1268-5	0.000	7.468	0	528111	N.D.	4.467 #

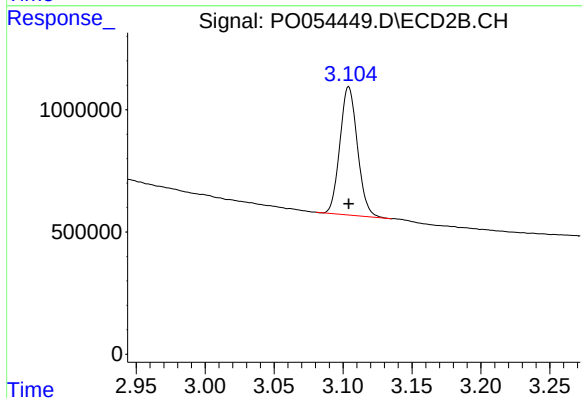
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

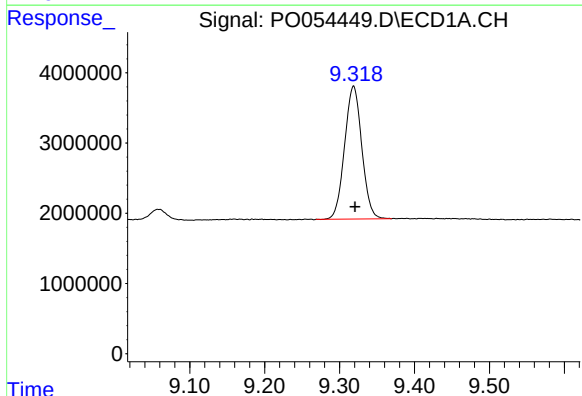
R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 99299368
Conc: 20.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



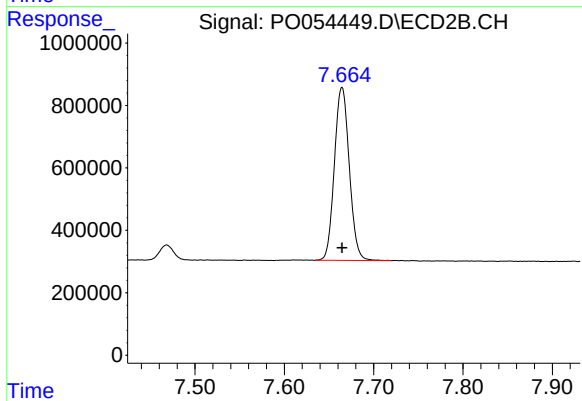
#1 Tetrachloro-m-xylene

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 4655070
Conc: 18.32 ng/ml



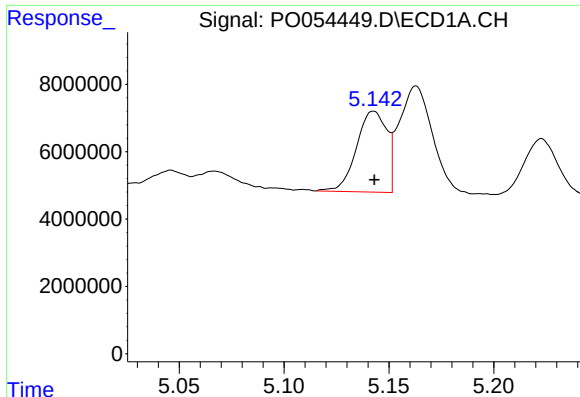
#2 Decachlorobiphenyl

R.T.: 9.319 min
Delta R.T.: -0.002 min
Response: 30244066
Conc: 21.95 ng/ml



#2 Decachlorobiphenyl

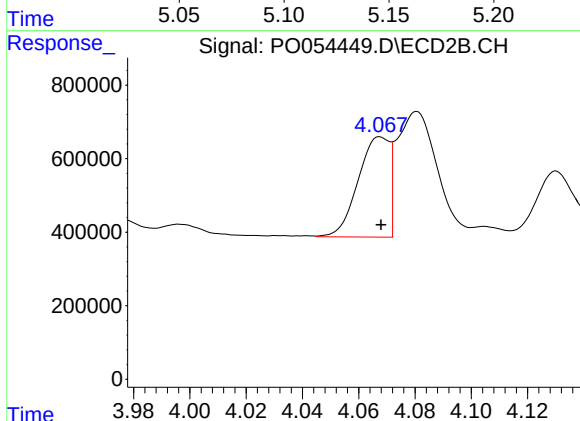
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 6408426
Conc: 21.67 ng/ml



#3 AR-1016-1

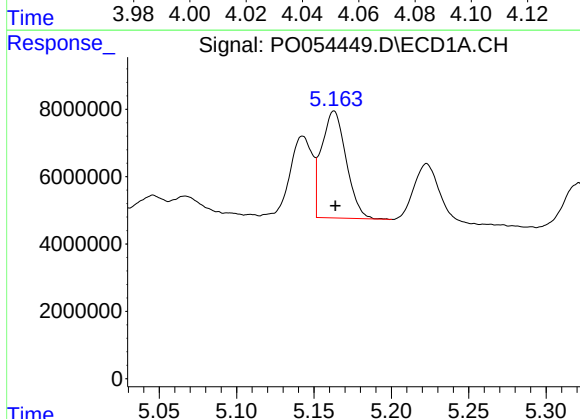
R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 24109656
Conc: 205.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



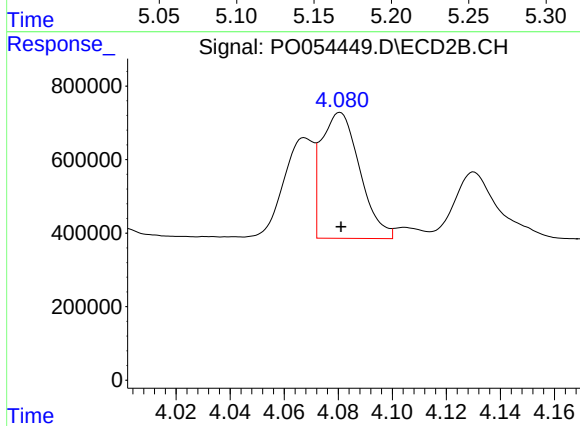
#3 AR-1016-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 2101077
Conc: 181.35 ng/ml



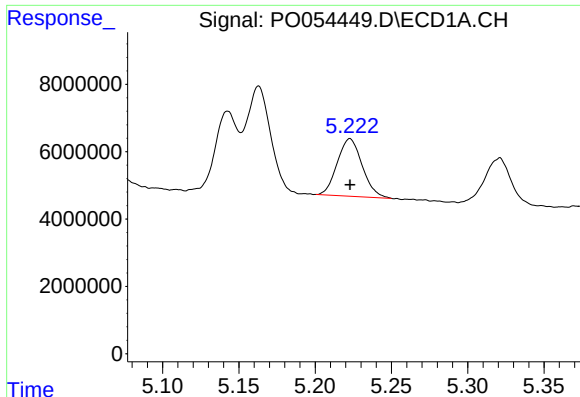
#4 AR-1016-2

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 35162589
Conc: 198.29 ng/ml



#4 AR-1016-2

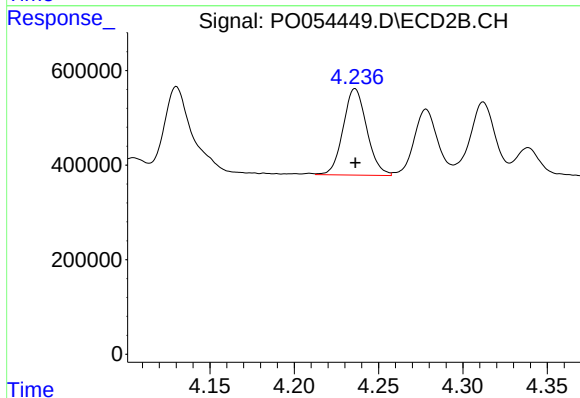
R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 3398650
Conc: 183.05 ng/ml



#5 AR-1016-3

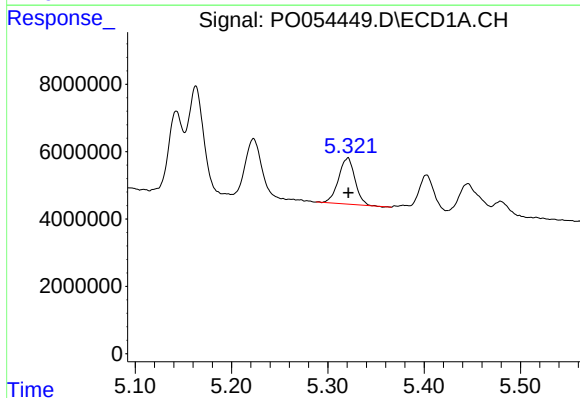
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 19437639
Conc: 197.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



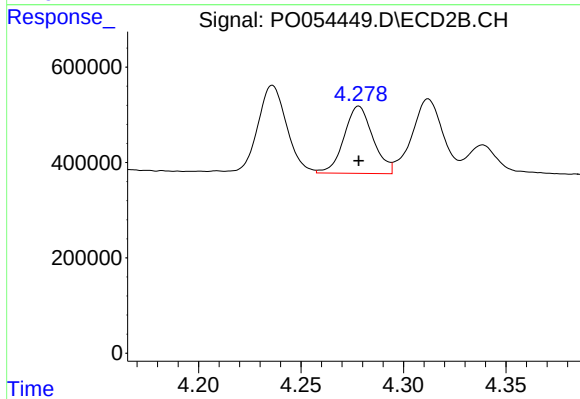
#5 AR-1016-3

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 1780776
Conc: 182.08 ng/ml



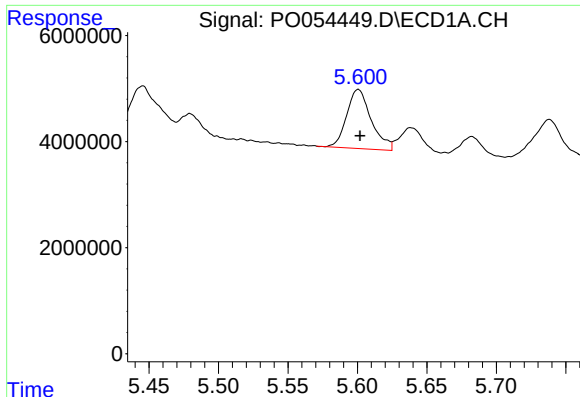
#6 AR-1016-4

R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 16186297
Conc: 201.18 ng/ml



#6 AR-1016-4

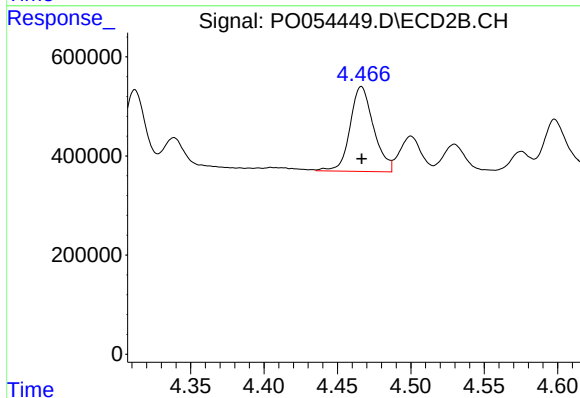
R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 1388020
Conc: 180.92 ng/ml



#7 AR-1016-5

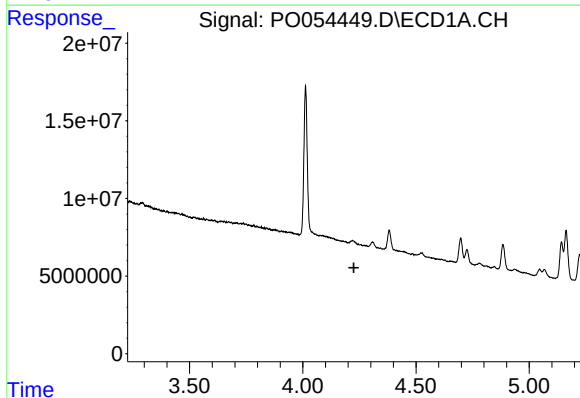
R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 13719846
Conc: 197.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



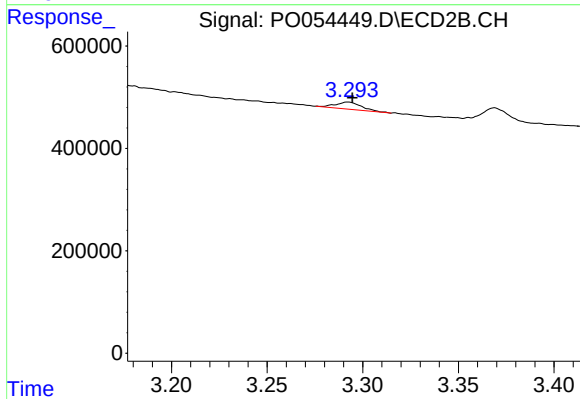
#7 AR-1016-5

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 1911755
Conc: 188.05 ng/ml



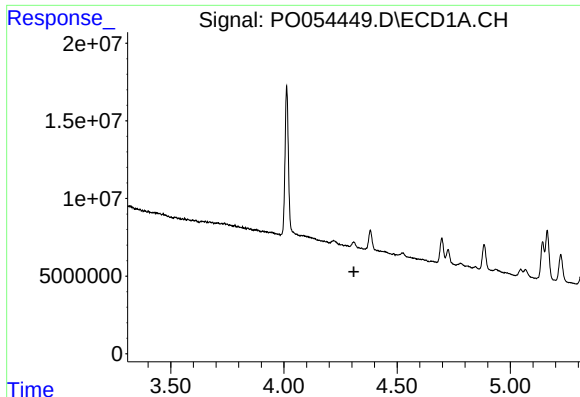
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.226 min
Response: 0
Conc: N.D.



#8 AR-1221-1

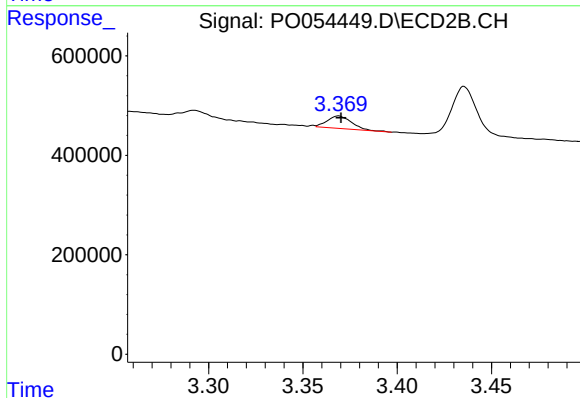
R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 132387
Conc: 41.86 ng/ml



#9 AR-1221-2

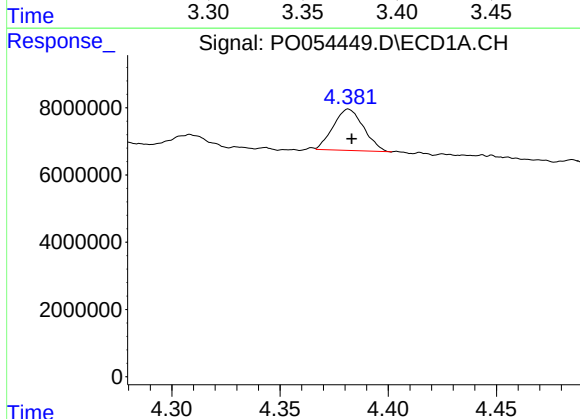
R.T.: 0.000 min
Exp R.T.: 4.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



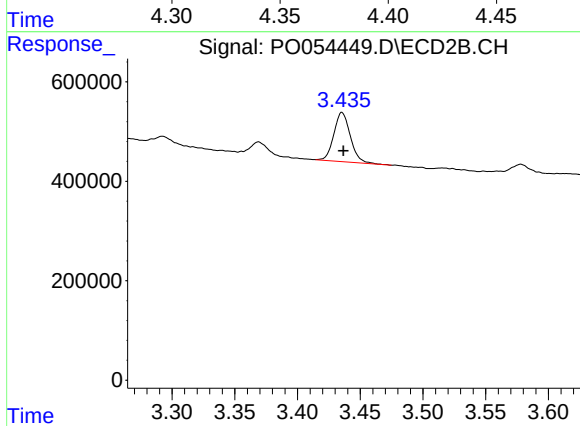
#9 AR-1221-2

R.T.: 3.369 min
Delta R.T.: -0.001 min
Response: 225595
Conc: 95.82 ng/ml



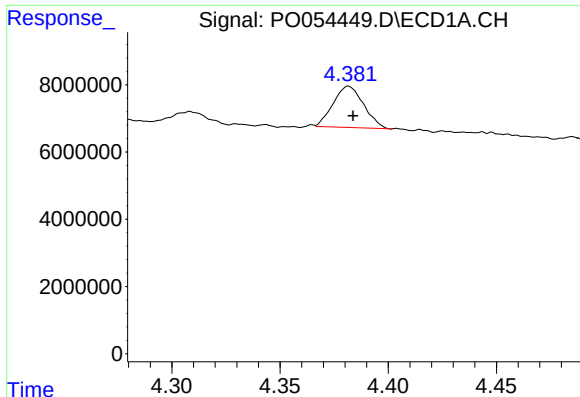
#10 AR-1221-3

R.T.: 4.382 min
Delta R.T.: -0.002 min
Response: 12057499
Conc: 120.05 ng/ml



#10 AR-1221-3

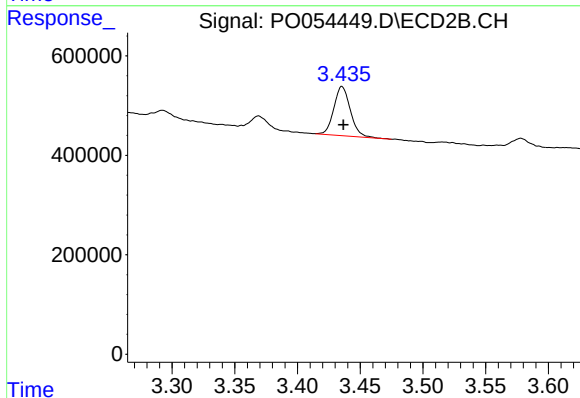
R.T.: 3.435 min
Delta R.T.: -0.001 min
Response: 909932
Conc: 118.85 ng/ml



#11 AR-1232-1

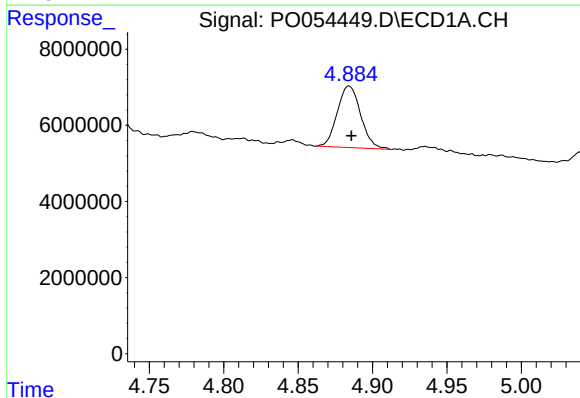
R.T.: 4.382 min
Delta R.T.: -0.002 min
Response: 12057499
Conc: 139.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



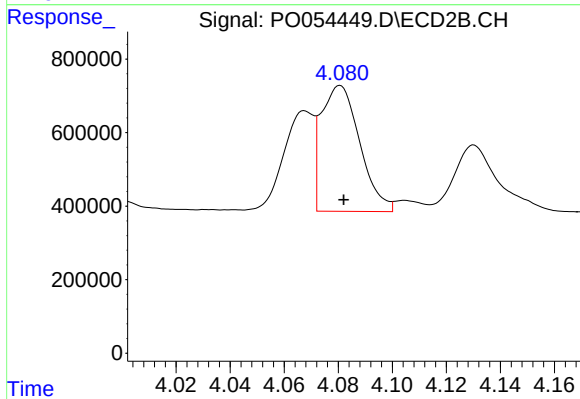
#11 AR-1232-1

R.T.: 3.435 min
Delta R.T.: -0.001 min
Response: 909932
Conc: 134.66 ng/ml



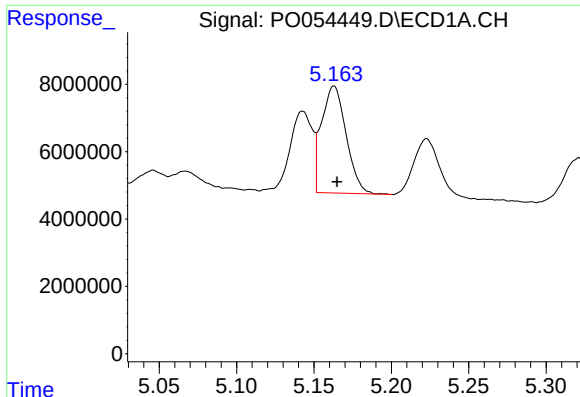
#12 AR-1232-2

R.T.: 4.884 min
Delta R.T.: -0.002 min
Response: 17713459
Conc: 468.73 ng/ml



#12 AR-1232-2

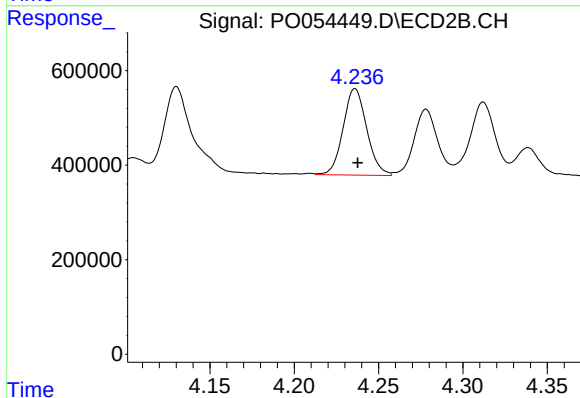
R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 3398650
Conc: 401.00 ng/ml



#13 AR-1232-3

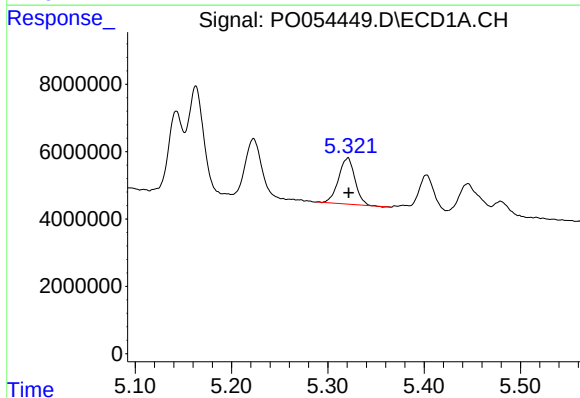
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 35162589
Conc: 472.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



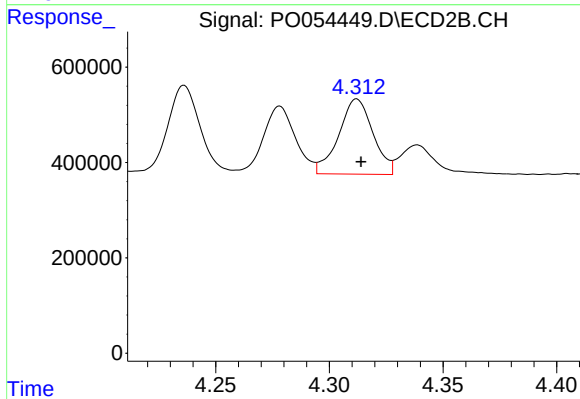
#13 AR-1232-3

R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 1780776
Conc: 397.63 ng/ml



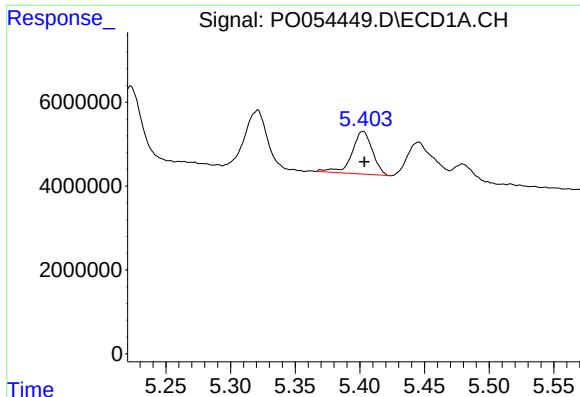
#14 AR-1232-4

R.T.: 5.321 min
Delta R.T.: 0.000 min
Response: 16186297
Conc: 477.66 ng/ml



#14 AR-1232-4

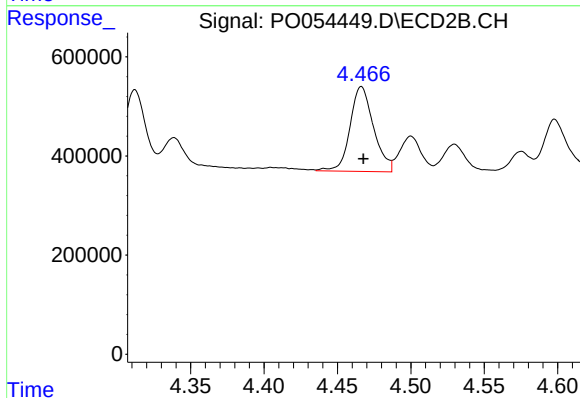
R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 1660041
Conc: 443.95 ng/ml



#15 AR-1232-5

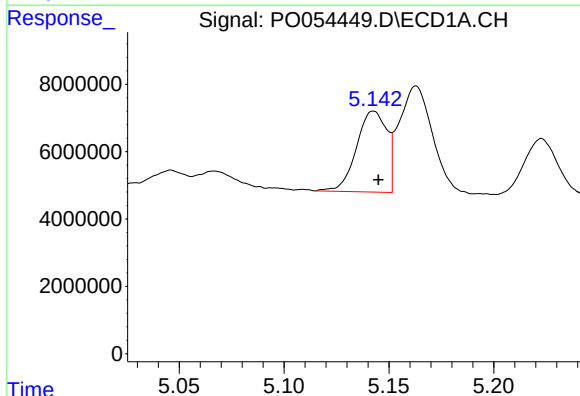
R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 11221659
Conc: 543.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



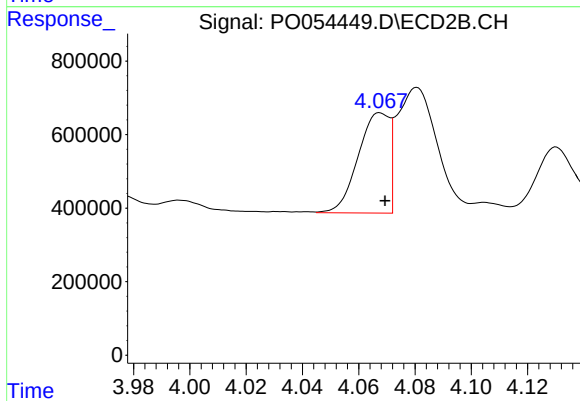
#15 AR-1232-5

R.T.: 4.466 min
Delta R.T.: -0.001 min
Response: 1911755
Conc: 439.45 ng/ml



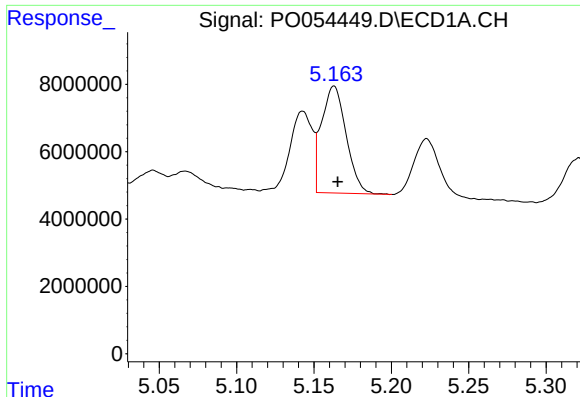
#16 AR-1242-1

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 24109656
Conc: 255.98 ng/ml



#16 AR-1242-1

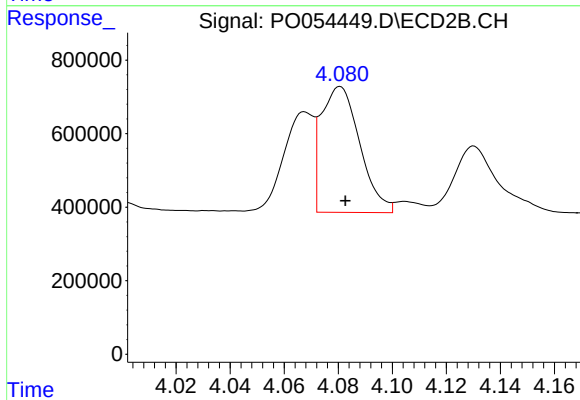
R.T.: 4.067 min
Delta R.T.: -0.002 min
Response: 2101077
Conc: 221.00 ng/ml



#17 AR-1242-2

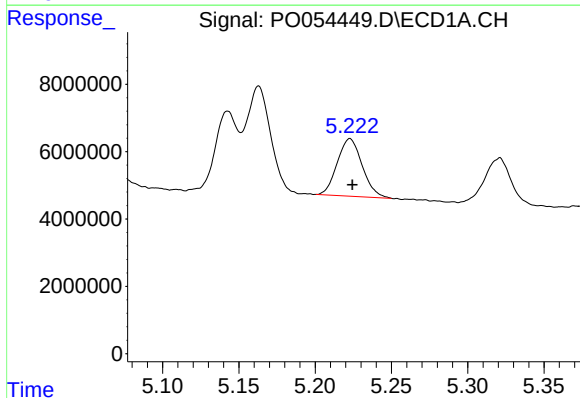
R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 35162589
Conc: 252.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



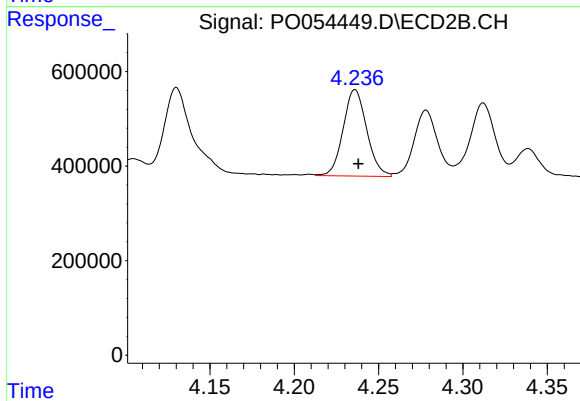
#17 AR-1242-2

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 3398650
Conc: 219.01 ng/ml



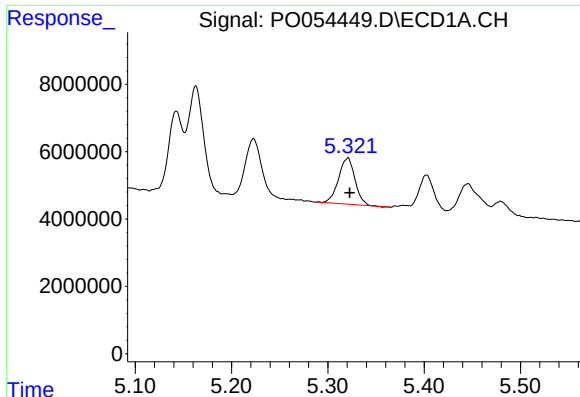
#18 AR-1242-3

R.T.: 5.223 min
Delta R.T.: -0.001 min
Response: 19437639
Conc: 250.72 ng/ml



#18 AR-1242-3

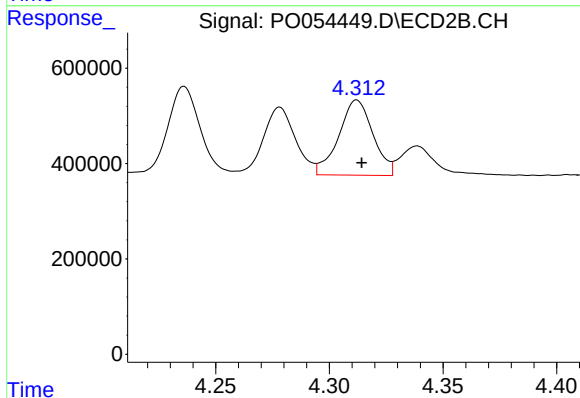
R.T.: 4.236 min
Delta R.T.: -0.002 min
Response: 1780776
Conc: 217.57 ng/ml



#19 AR-1242-4

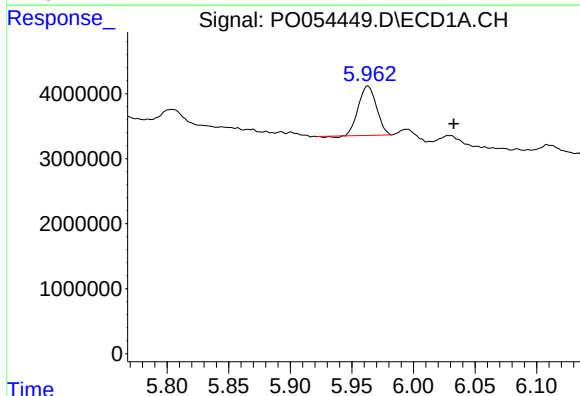
R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 16186297
Conc: 250.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



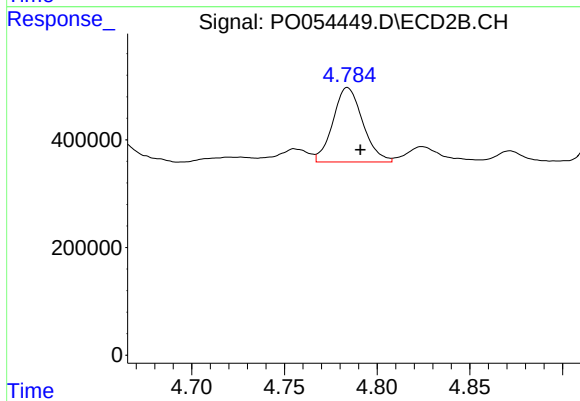
#19 AR-1242-4

R.T.: 4.312 min
Delta R.T.: -0.002 min
Response: 1660041
Conc: 218.35 ng/ml



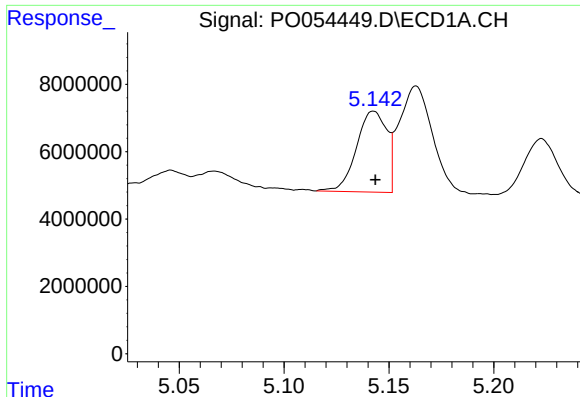
#20 AR-1242-5

R.T.: 5.963 min
Delta R.T.: -0.070 min
Response: 7692891
Conc: 129.84 ng/ml



#20 AR-1242-5

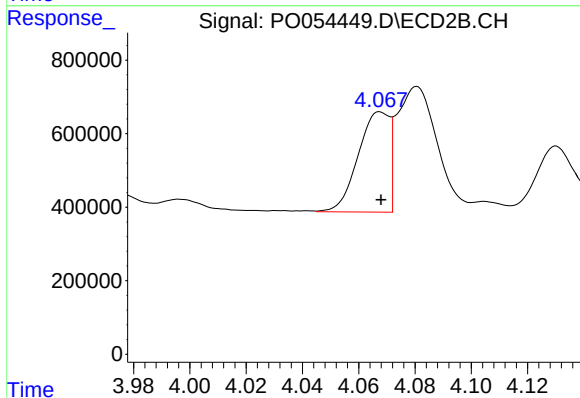
R.T.: 4.784 min
Delta R.T.: -0.007 min
Response: 1549876
Conc: 147.77 ng/ml



#21 AR-1248-1

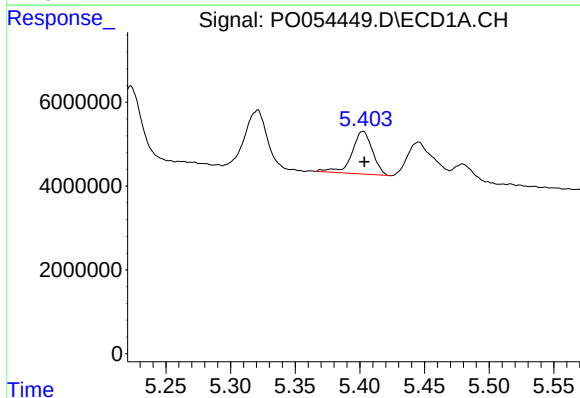
R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 24109656
Conc: 247.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



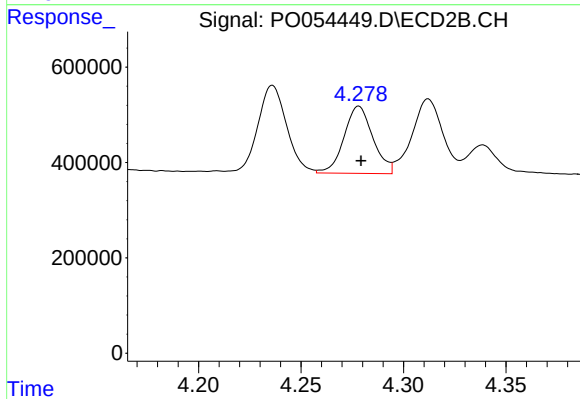
#21 AR-1248-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 2101077
Conc: 200.86 ng/ml



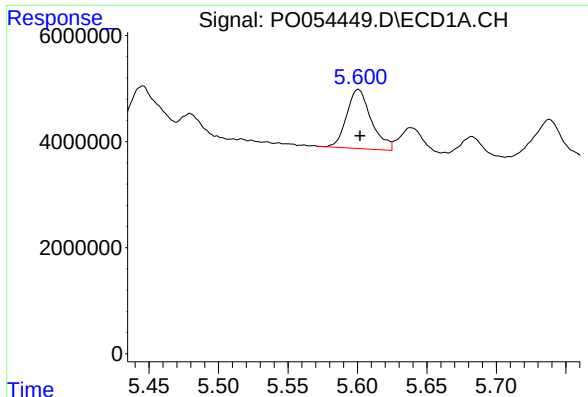
#22 AR-1248-2

R.T.: 5.403 min
Delta R.T.: 0.000 min
Response: 11221659
Conc: 95.59 ng/ml



#22 AR-1248-2

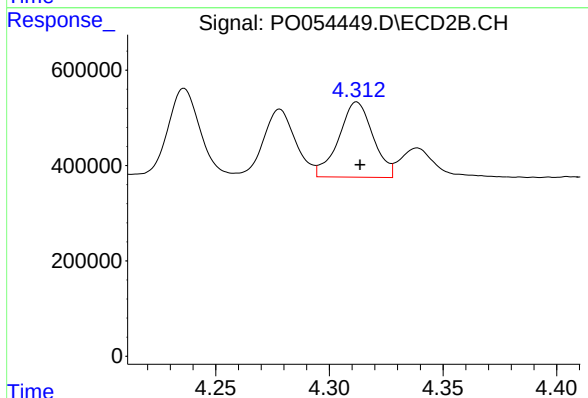
R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 1388020
Conc: 96.92 ng/ml



#23 AR-1248-3

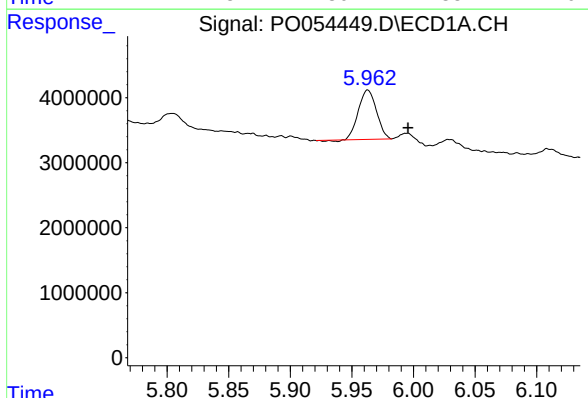
R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 13719846
Conc: 105.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



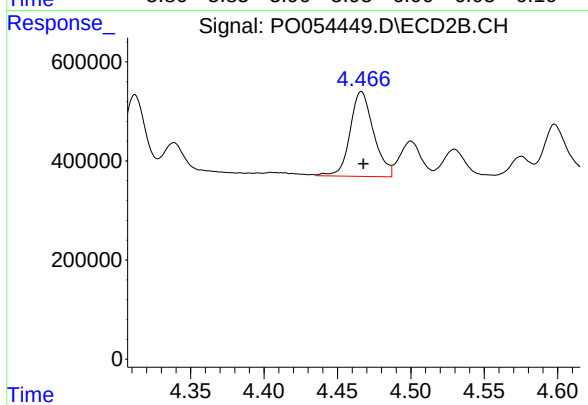
#23 AR-1248-3

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 1660041
Conc: 115.31 ng/ml



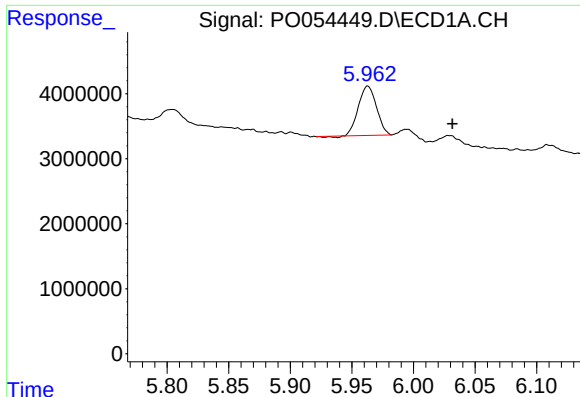
#24 AR-1248-4

R.T.: 5.963 min
Delta R.T.: -0.033 min
Response: 7692891
Conc: 54.96 ng/ml



#24 AR-1248-4

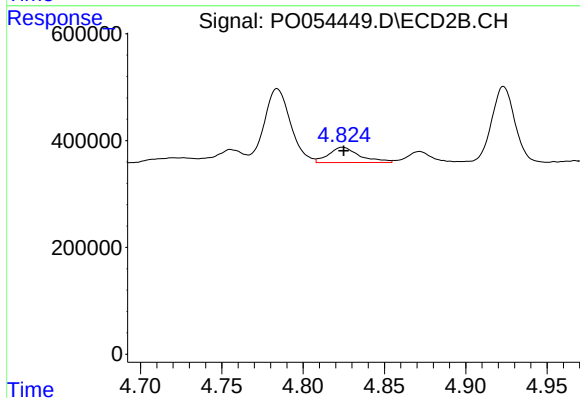
R.T.: 4.466 min
Delta R.T.: -0.001 min
Response: 1911755
Conc: 102.81 ng/ml



#25 AR-1248-5

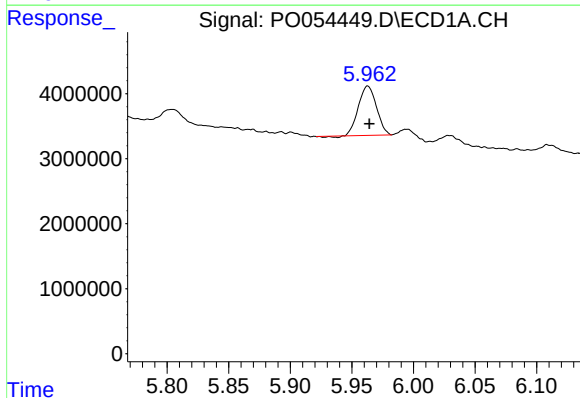
R.T.: 5.963 min
Delta R.T.: -0.069 min
Response: 7692891
Conc: 56.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



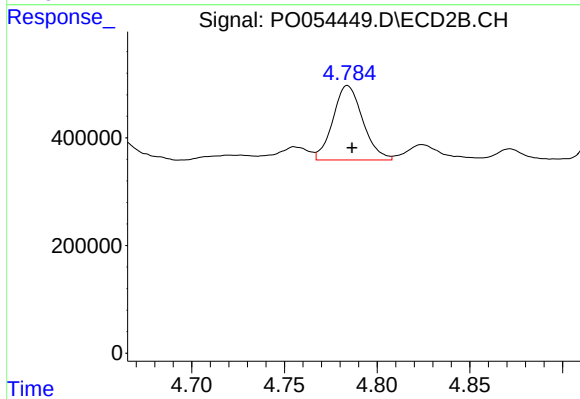
#25 AR-1248-5

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 378243
Conc: 19.61 ng/ml



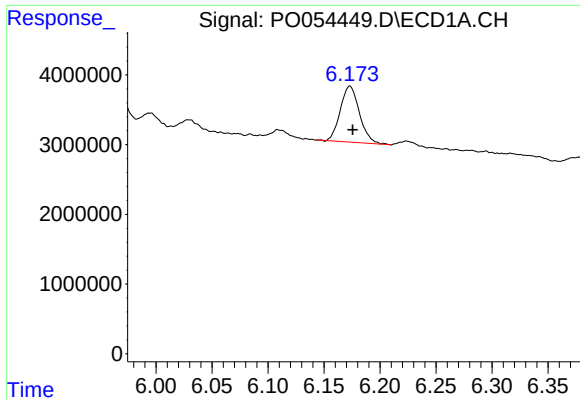
#26 AR-1254-1

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 7692891
Conc: 83.18 ng/ml



#26 AR-1254-1

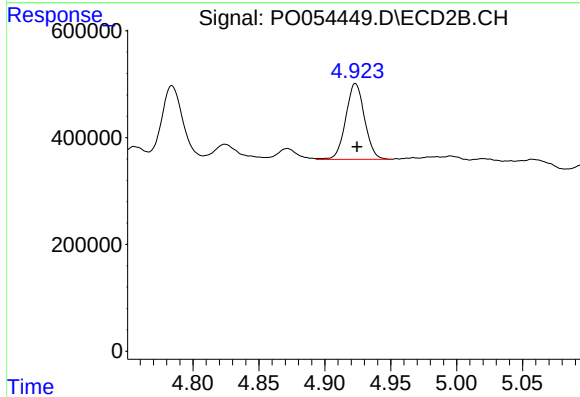
R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 1549876
Conc: 74.35 ng/ml



#27 AR-1254-2

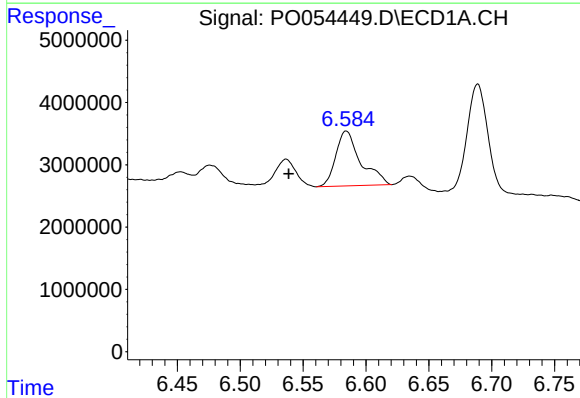
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 9525977
Conc: 68.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



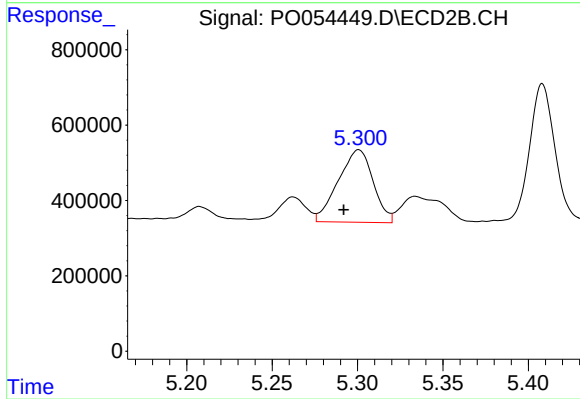
#27 AR-1254-2

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 1410603
Conc: 77.51 ng/ml



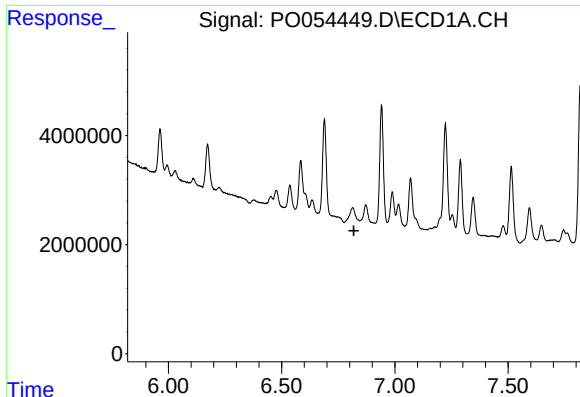
#28 AR-1254-3

R.T.: 6.584 min
Delta R.T.: 0.046 min
Response: 12139230
Conc: 87.41 ng/ml



#28 AR-1254-3

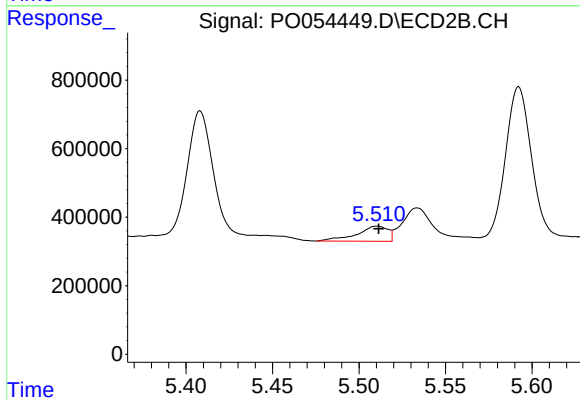
R.T.: 5.301 min
Delta R.T.: 0.009 min
Response: 2732423
Conc: 98.41 ng/ml



#29 AR-1254-4

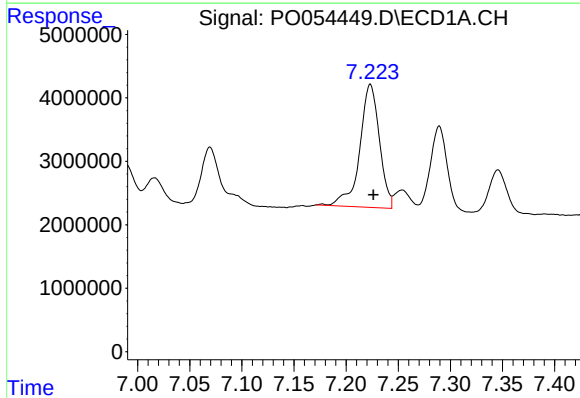
R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



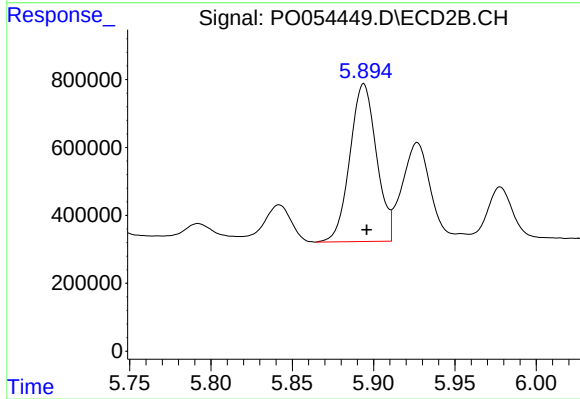
#29 AR-1254-4

R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 554556
Conc: 29.97 ng/ml



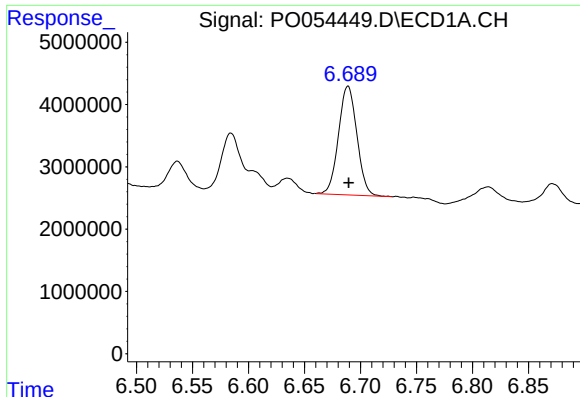
#30 AR-1254-5

R.T.: 7.223 min
Delta R.T.: -0.003 min
Response: 25445177
Conc: 278.38 ng/ml



#30 AR-1254-5

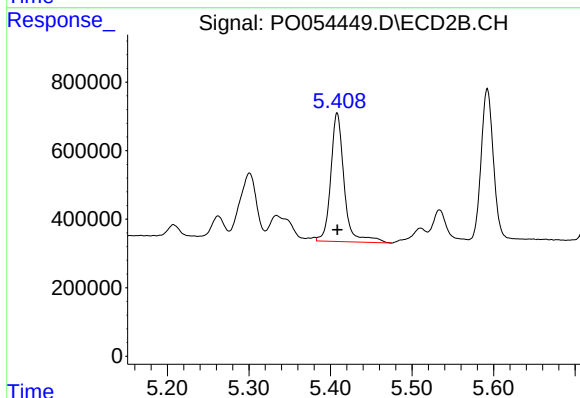
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 5277061
Conc: 262.70 ng/ml



#31 AR-1260-1

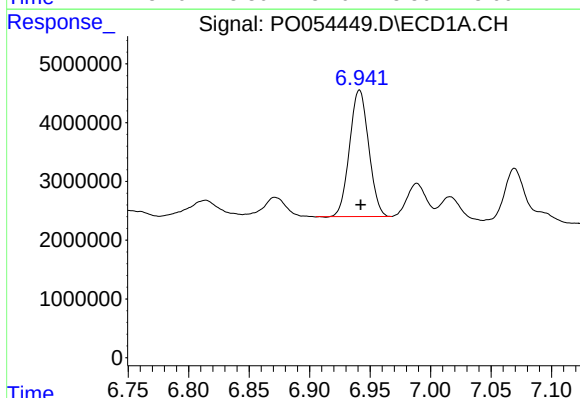
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 19955053
Conc: 221.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



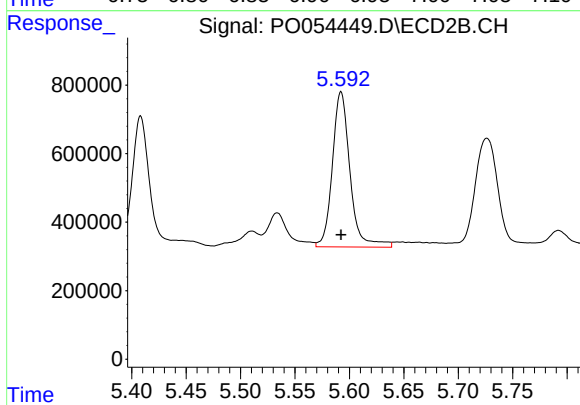
#31 AR-1260-1

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 4275539
Conc: 233.35 ng/ml



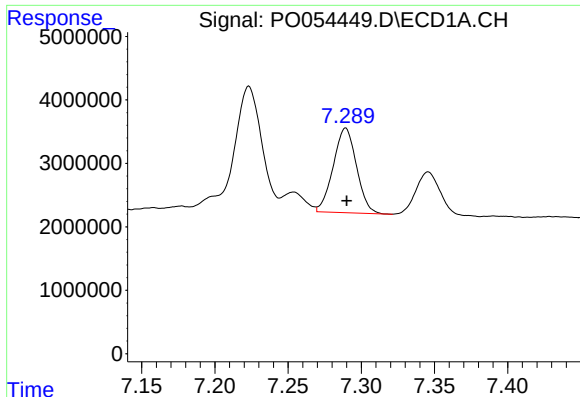
#32 AR-1260-2

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 23714856
Conc: 213.90 ng/ml



#32 AR-1260-2

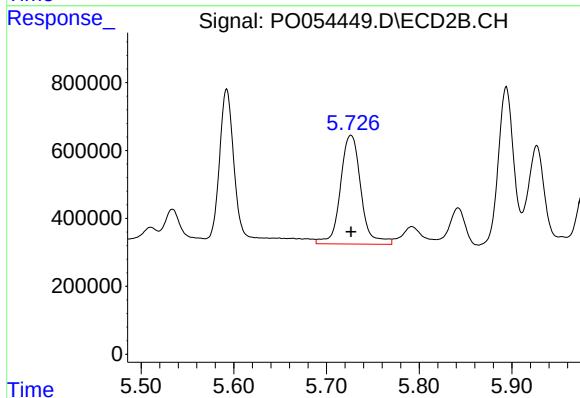
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 5113099
Conc: 229.56 ng/ml



#33 AR-1260-3

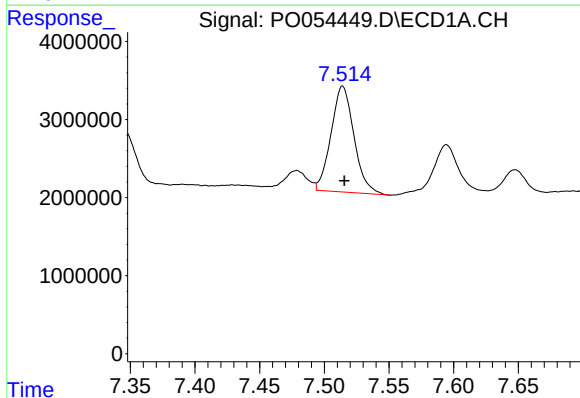
R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 14744096
Conc: 173.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



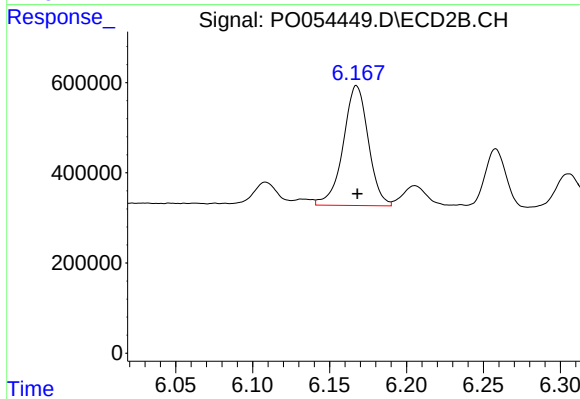
#33 AR-1260-3

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 4927314
Conc: 240.32 ng/ml



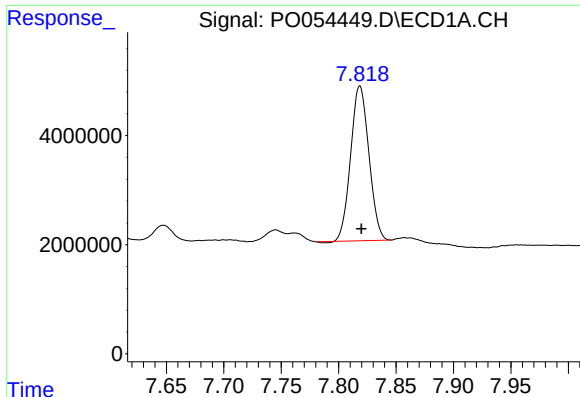
#34 AR-1260-4

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 16755528
Conc: 206.77 ng/ml



#34 AR-1260-4

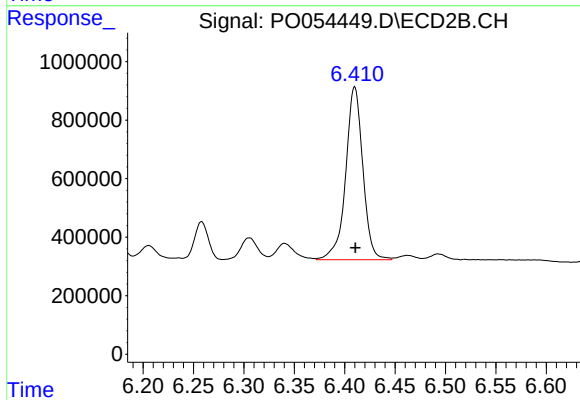
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 3007174
Conc: 183.23 ng/ml



#35 AR-1260-5

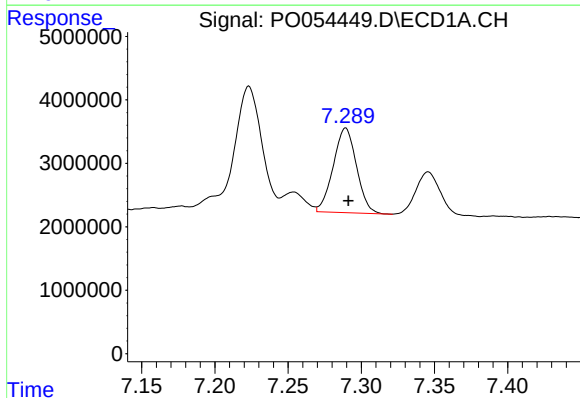
R.T.: 7.819 min
Delta R.T.: -0.001 min
Response: 31472823
Conc: 174.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



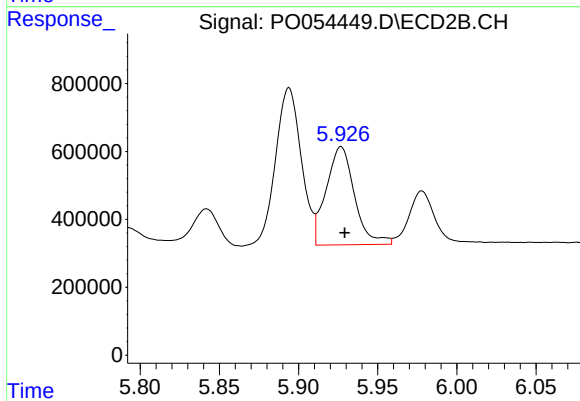
#35 AR-1260-5

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 7009979
Conc: 185.42 ng/ml



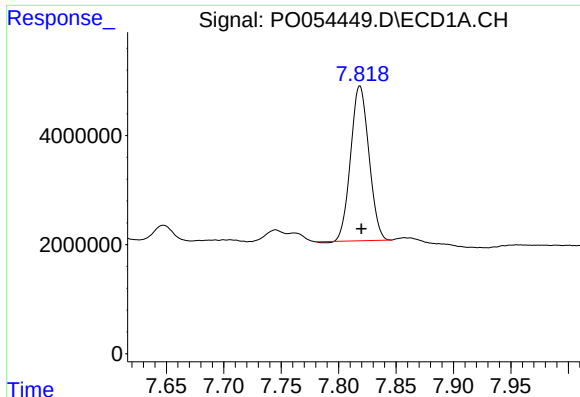
#36 AR-1262-1

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 14744096
Conc: 106.82 ng/ml



#36 AR-1262-1

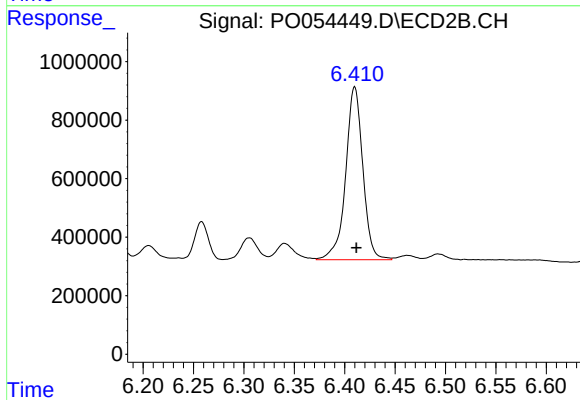
R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 3596329
Conc: 135.98 ng/ml



#37 AR-1262-2

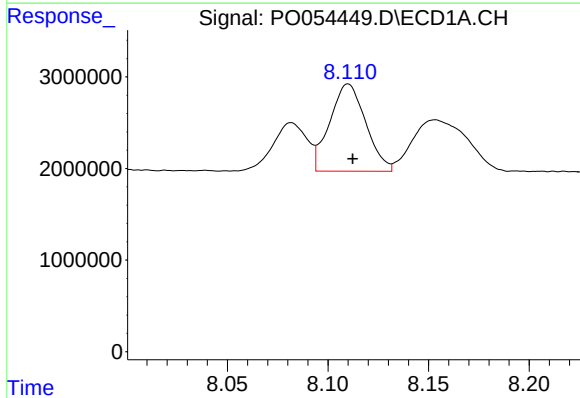
R.T.: 7.819 min
Delta R.T.: -0.001 min
Response: 31472823
Conc: 137.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



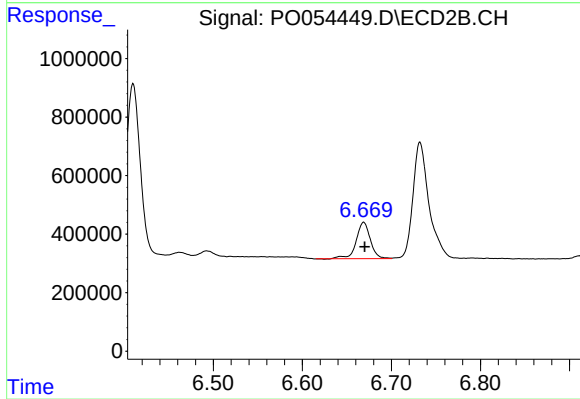
#37 AR-1262-2

R.T.: 6.410 min
Delta R.T.: -0.002 min
Response: 7009979
Conc: 154.37 ng/ml



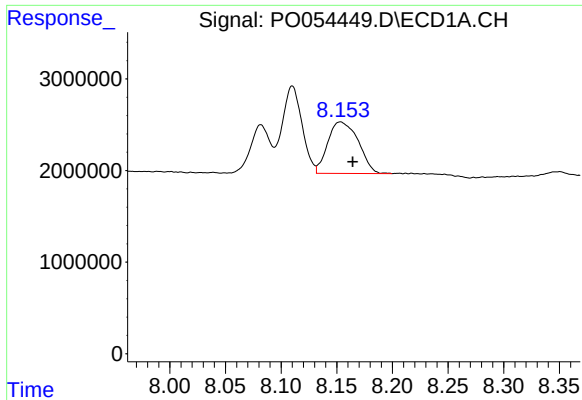
#38 AR-1262-3

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 11864731
Conc: 249.39 ng/ml



#38 AR-1262-3

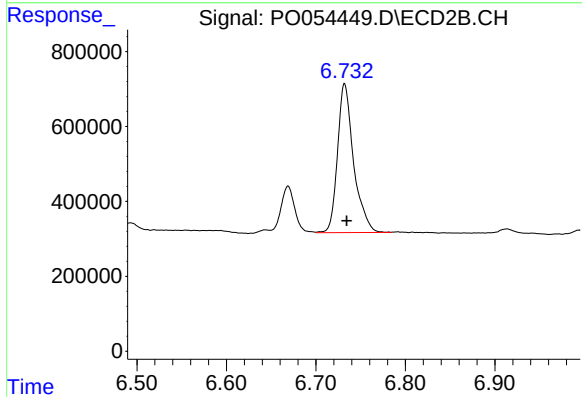
R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 1371134
Conc: 75.18 ng/ml



#39 AR-1262-4

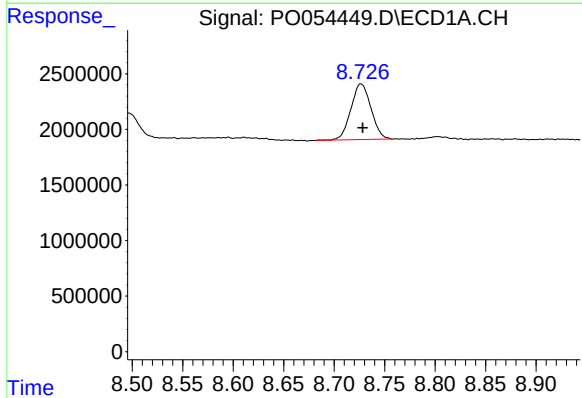
R.T.: 8.153 min
Delta R.T.: -0.011 min
Response: 10709569
Conc: 96.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



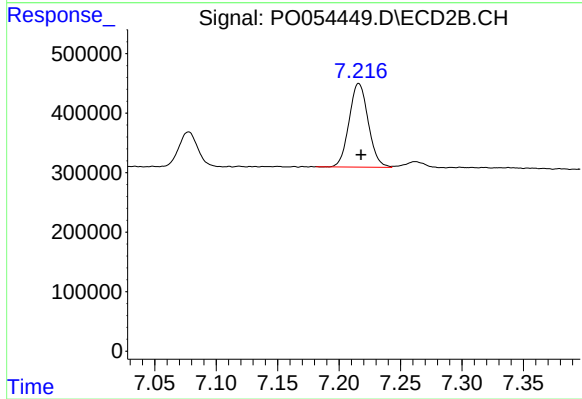
#39 AR-1262-4

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 4955856
Conc: 146.03 ng/ml



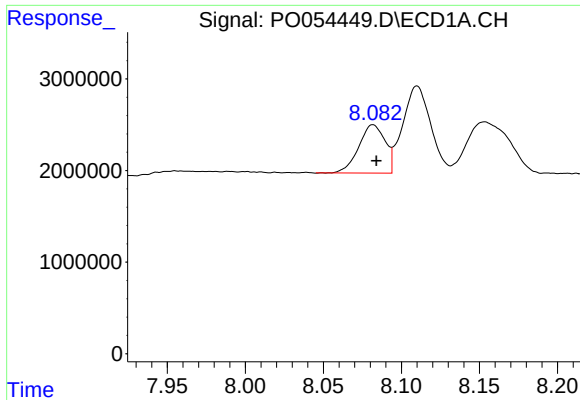
#40 AR-1262-5

R.T.: 8.727 min
Delta R.T.: -0.002 min
Response: 6924684
Conc: 93.86 ng/ml



#40 AR-1262-5

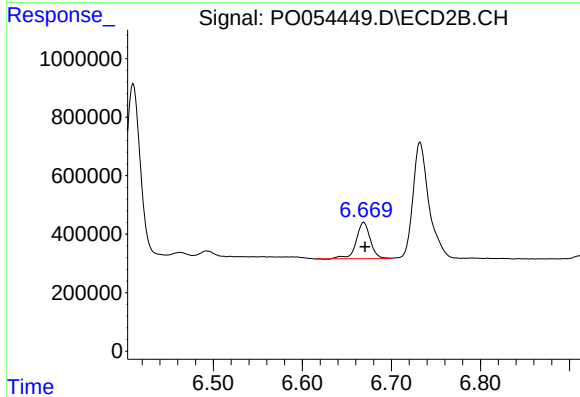
R.T.: 7.216 min
Delta R.T.: -0.002 min
Response: 1522061
Conc: 94.41 ng/ml



#41 AR-1268-1

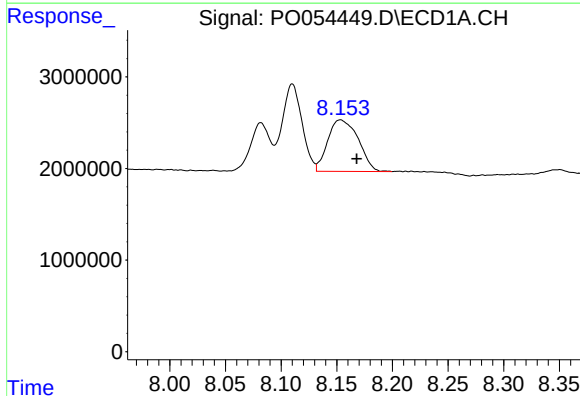
R.T.: 8.082 min
Delta R.T.: -0.002 min
Response: 6201024
Conc: 24.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



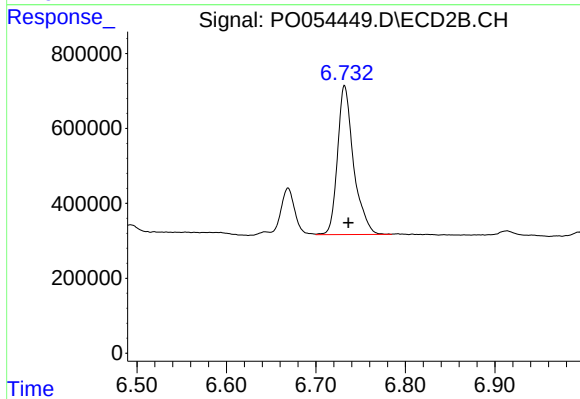
#41 AR-1268-1

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 1371134
Conc: 27.57 ng/ml



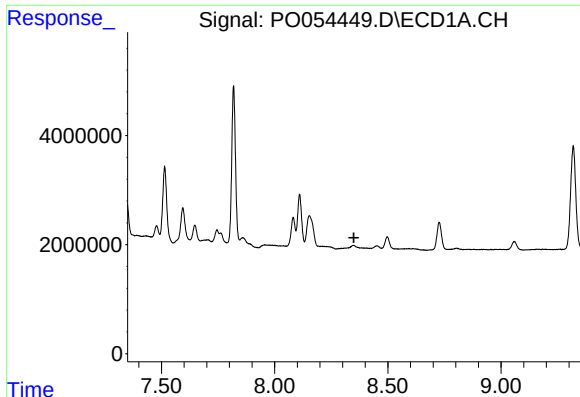
#42 AR-1268-2

R.T.: 8.153 min
Delta R.T.: -0.015 min
Response: 10709569
Conc: 45.21 ng/ml



#42 AR-1268-2

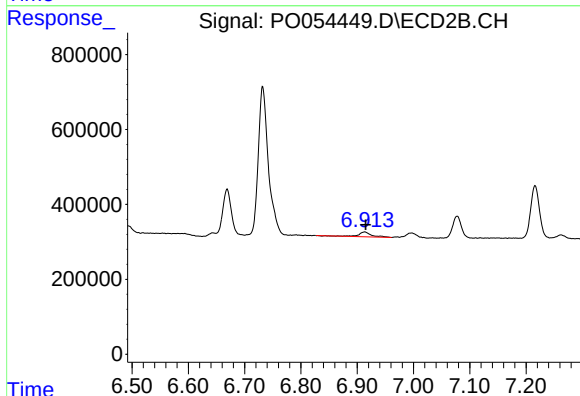
R.T.: 6.732 min
Delta R.T.: -0.004 min
Response: 4955856
Conc: 105.19 ng/ml



#43 AR-1268-3

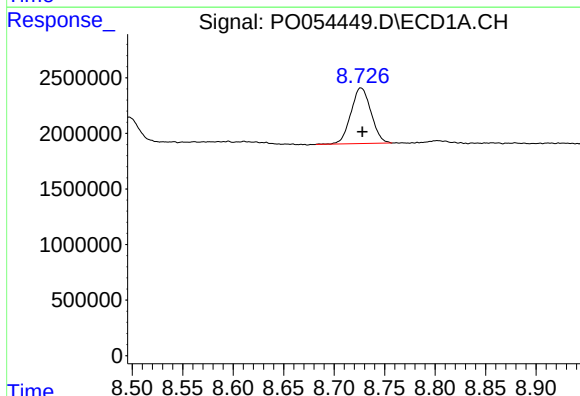
R.T.: 0.000 min
Exp R.T.: 8.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



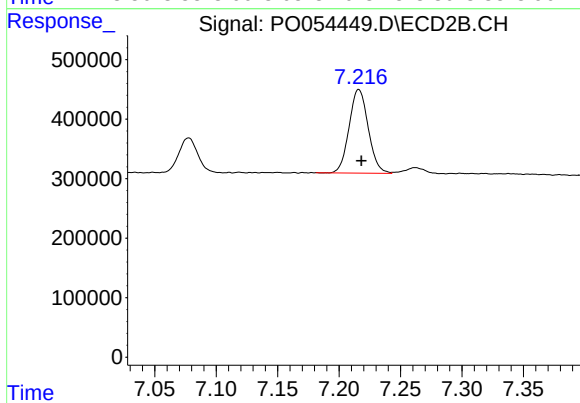
#43 AR-1268-3

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 199430
Conc: 5.12 ng/ml



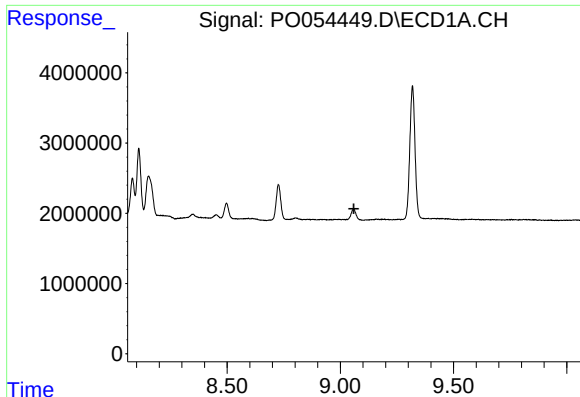
#44 AR-1268-4

R.T.: 8.727 min
Delta R.T.: -0.001 min
Response: 6924684
Conc: 86.42 ng/ml



#44 AR-1268-4

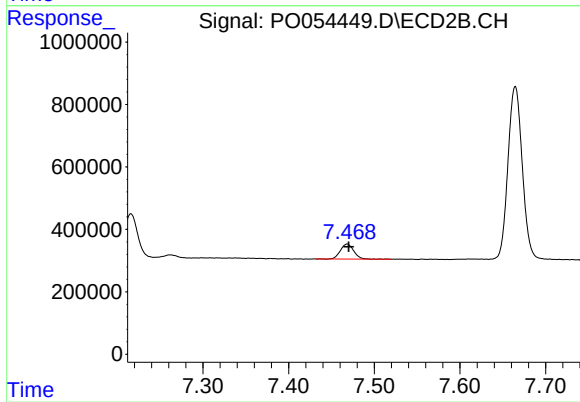
R.T.: 7.216 min
Delta R.T.: -0.002 min
Response: 1522061
Conc: 89.92 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.060 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 528111
Conc: 4.47 ng/ml