

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031419\
 Data File : P0054382.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Mar 2019 12:52
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 14:51:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 14 14:30:04 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...	4.015	3.105	263.2E6	13159876	53.445	51.792
2)	SA Decachlor...	9.321	7.666	69666010	14595214	50.572	49.350
Target Compounds							
3)	L1 AR-1016-1	5.144	4.069	61066675	5854468	521.021	505.320
4)	L1 AR-1016-2	5.164	4.082	93560733	9193781	527.623	495.179
5)	L1 AR-1016-3	5.223	4.238	51499455	4903312	524.223	501.342
6)	L1 AR-1016-4	5.322	4.279	42563731	3848991	529.037	501.684
7)	L1 AR-1016-5	5.602	4.467	35778380	5314324	516.247	522.739
8)	L2 AR-1221-1	4.221	3.294	7180804	479478	160.933	151.626
9)	L2 AR-1221-2	4.309	3.371	9918388	699613	311.626	297.152
10)	L2 AR-1221-3	4.383	3.437	36430270	2751266	362.705	359.342
11)	L3 AR-1232-1	4.383	3.437	36430270	2751266	420.134	408.625
12)	L3 AR-1232-2	4.886	4.082	45747894	9193781	1210.571	1016.564
13)	L3 AR-1232-3	5.164	4.238	93560733	4903312	1258.052	1110.058
14)	L3 AR-1232-4	5.322	4.314	42563731	4632664	1256.062	1268.274
15)	L3 AR-1232-5	5.404	4.467	31088486	5314324	1505.167	1239.955
16)	L4 AR-1242-1	5.144	4.069	61066675	5854468	648.357	615.792
17)	L4 AR-1242-2	5.164	4.082	93560733	9193781	672.429	592.457
18)	L4 AR-1242-3	5.223	4.238	51499455	4903312	664.267	599.071
19)	L4 AR-1242-4	5.322	4.314	42563731	4632664	659.072	609.336
20)	L4 AR-1242-5	6.031	4.786	4951658	3857304	83.573	367.757 #
21)	L5 AR-1248-1	5.144	4.082	61066675	9193781	625.739	781.449
22)	L5 AR-1248-2	5.404	4.279	31088486	3848991	264.831	269.388
23)	L5 AR-1248-3	5.602	4.314	35778380	4632664	274.180	322.617
24)	L5 AR-1248-4	5.996	4.467	6411826	5314324	45.812	292.411 #
25)	L5 AR-1248-5	6.031	4.825	4951658	714238	36.106	37.577
26)	L6 AR-1254-1	5.964	4.786	21238007	3857304	229.627	185.034
27)	L6 AR-1254-2	6.174	4.924	22214352	3284727	159.491	180.483
28)	L6 AR-1254-3	6.538	5.303	10987757	6571345	79.118	236.660 #
29)	L6 AR-1254-4	6.816	5.512	7561206	978999	75.293	52.907 #
30)	L6 AR-1254-5	7.226	5.896	60378663	11303308	660.575	562.703
31)	L7 AR-1260-1	6.691	5.409	45293802	8902448	501.955	485.876
32)	L7 AR-1260-2	6.943	5.594	55625152	10685802	501.731	479.752
33)	L7 AR-1260-3	7.291	5.728	43123407	10075727	508.601	491.417
34)	L7 AR-1260-4	7.516	6.169	40538452	8161496	500.270	497.292
35)	L7 AR-1260-5	7.821	6.412	90709980	18781565	503.903	496.801
36)	L8 AR-1262-1	7.291	5.929	43123407	9267662	312.436	351.166
37)	L8 AR-1262-2	7.821	6.412	90709980	18781565	396.747	414.333
38)	L8 AR-1262-3	8.113	6.671	29532875	4418379	620.753	231.852 #
39)	L8 AR-1262-4	8.155	6.734	34399078	13760972	308.769	408.477 #
40)	L8 AR-1262-5	8.729	7.218	24042525	5243086	325.883	325.714
41)	L9 AR-1268-1	8.085	6.671	21062178	4418379	83.191	89.099

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 Acq On : 14 Mar 2019 12:52
 Operator : SM/SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

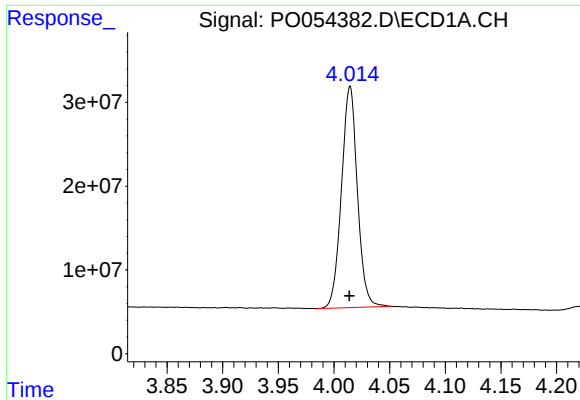
Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 14:51:19 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	8.155	6.734	34399078	13760972	145.230	293.469 #
44) L9	AR-1268-4	8.729	7.218	24042525	5243086	300.067	298.587
45) L9	AR-1268-5	9.060	7.470	6333950	1530101	10.486	12.924

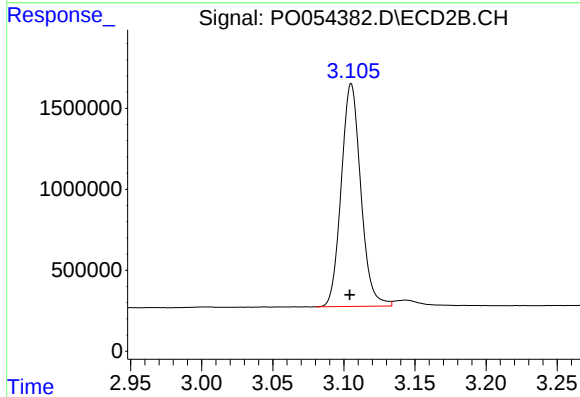
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

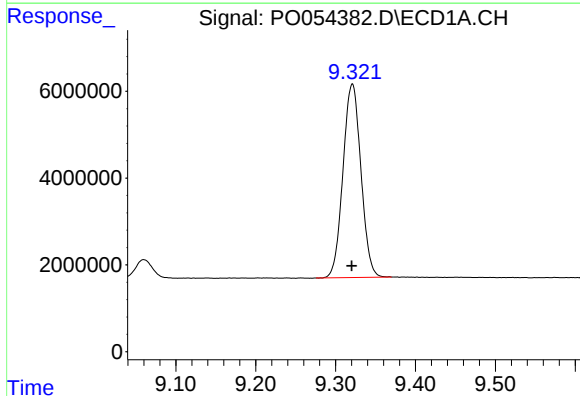
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 263209974
Conc: 53.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



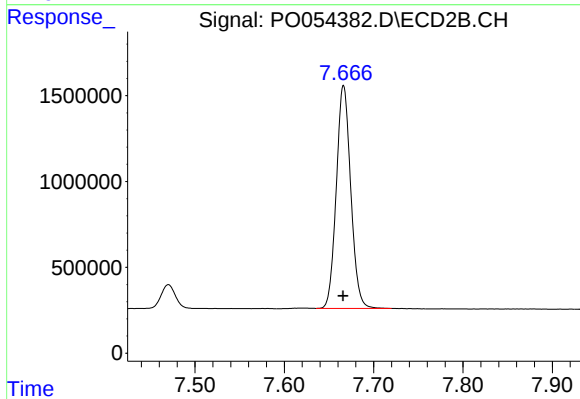
#1 Tetrachloro-m-xylene

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 13159876
Conc: 51.79 ng/ml



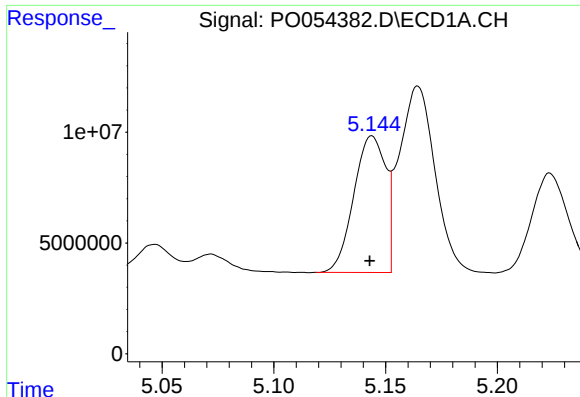
#2 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 69666010
Conc: 50.57 ng/ml



#2 Decachlorobiphenyl

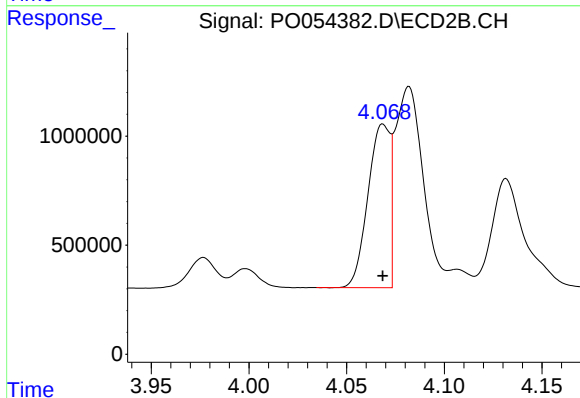
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 14595214
Conc: 49.35 ng/ml



#3 AR-1016-1

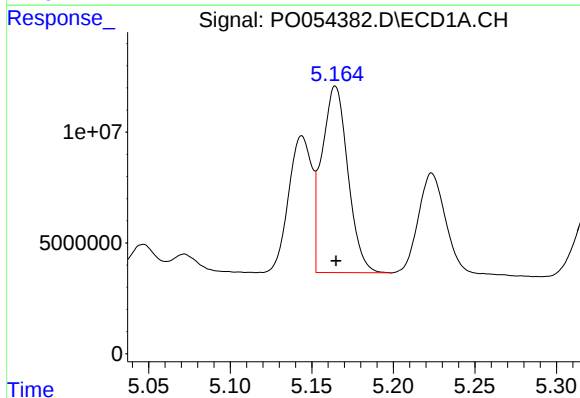
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 61066675
Conc: 521.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



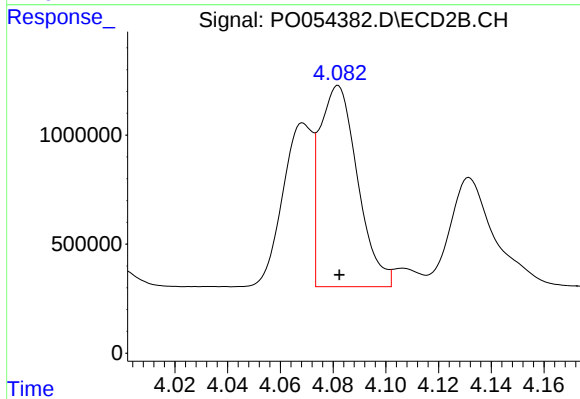
#3 AR-1016-1

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 5854468
Conc: 505.32 ng/ml



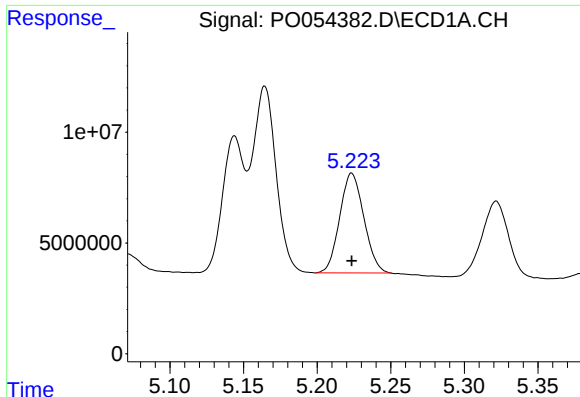
#4 AR-1016-2

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 93560733
Conc: 527.62 ng/ml



#4 AR-1016-2

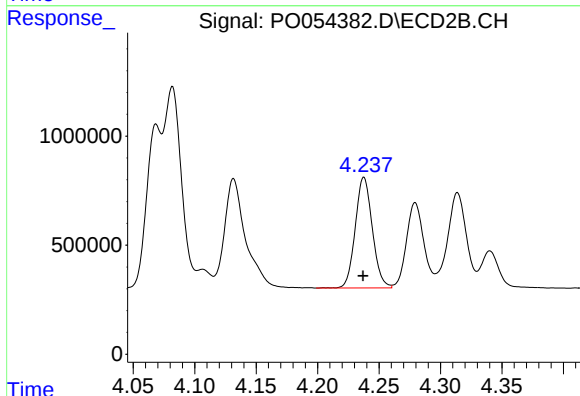
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9193781
Conc: 495.18 ng/ml



#5 AR-1016-3

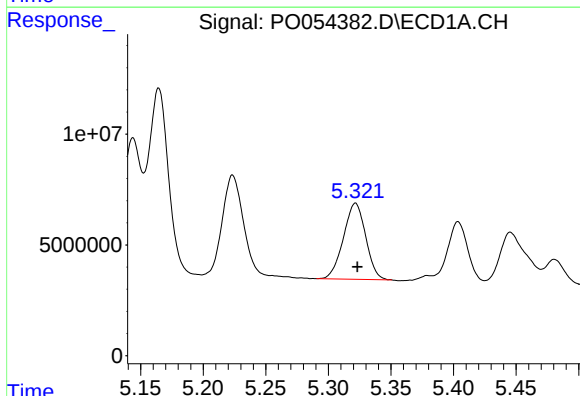
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 51499455
Conc: 524.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



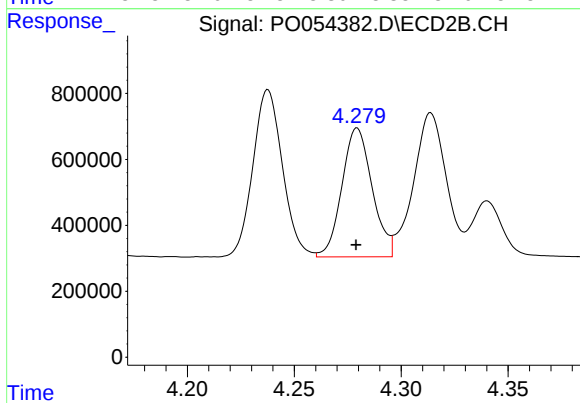
#5 AR-1016-3

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 4903312
Conc: 501.34 ng/ml



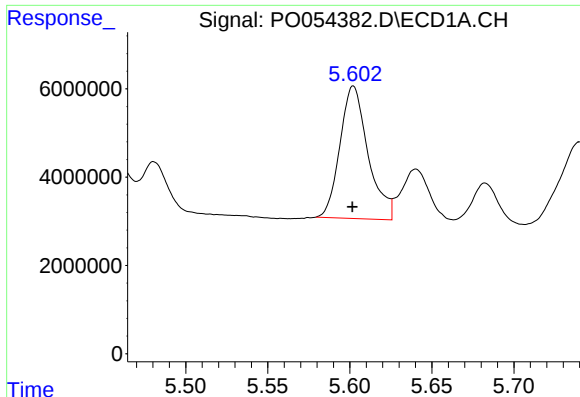
#6 AR-1016-4

R.T.: 5.322 min
Delta R.T.: -0.002 min
Response: 42563731
Conc: 529.04 ng/ml



#6 AR-1016-4

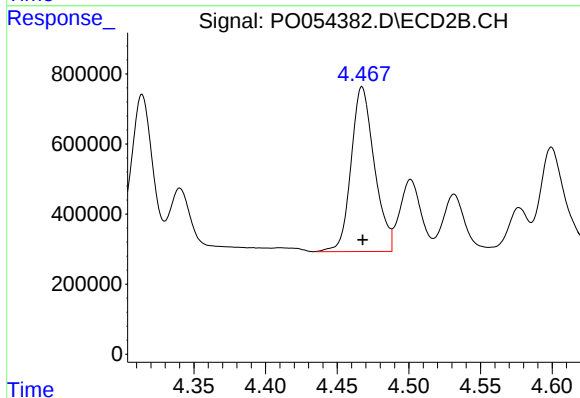
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 3848991
Conc: 501.68 ng/ml



#7 AR-1016-5

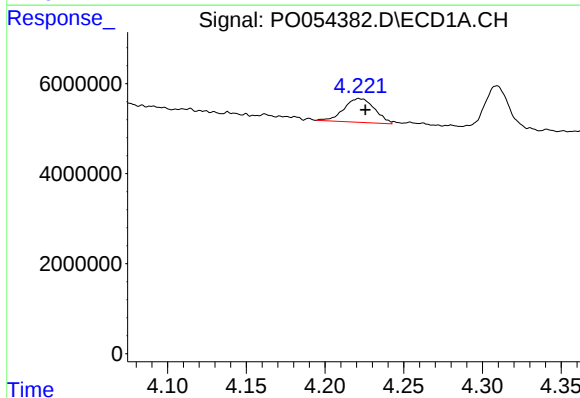
R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 35778380
Conc: 516.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



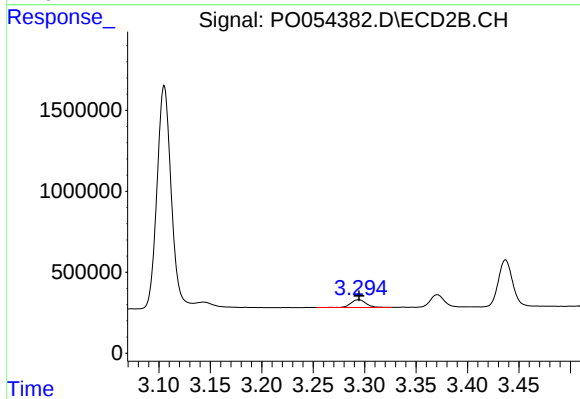
#7 AR-1016-5

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 5314324
Conc: 522.74 ng/ml



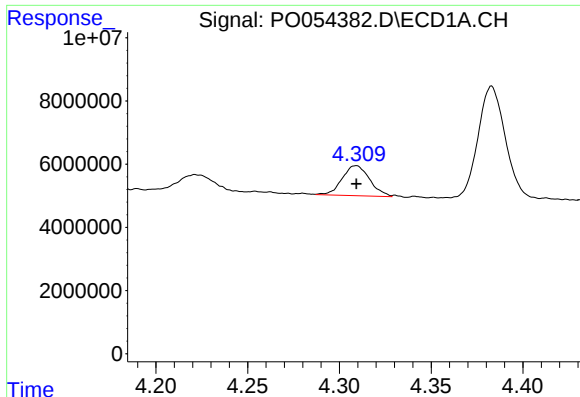
#8 AR-1221-1

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 7180804
Conc: 160.93 ng/ml



#8 AR-1221-1

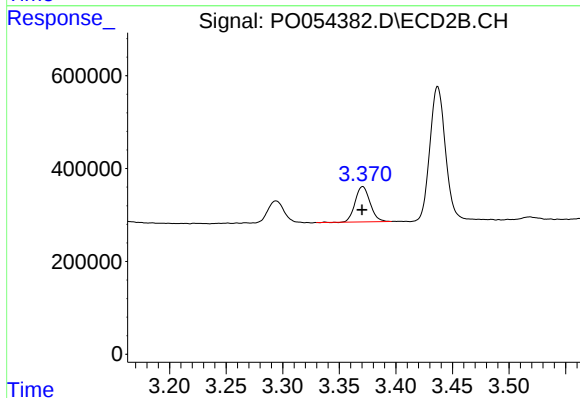
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 479478
Conc: 151.63 ng/ml



#9 AR-1221-2

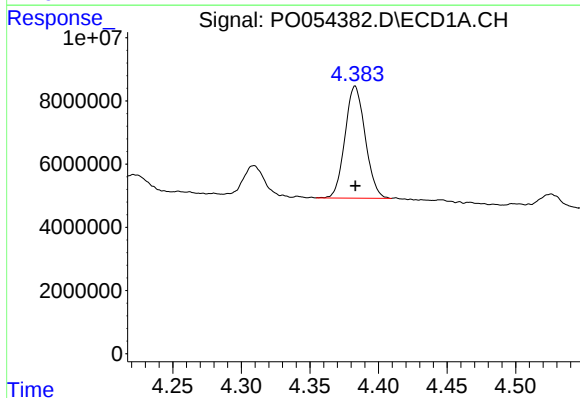
R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 9918388
Conc: 311.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



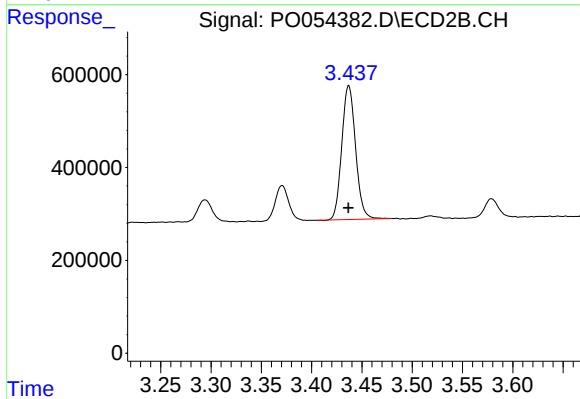
#9 AR-1221-2

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 699613
Conc: 297.15 ng/ml



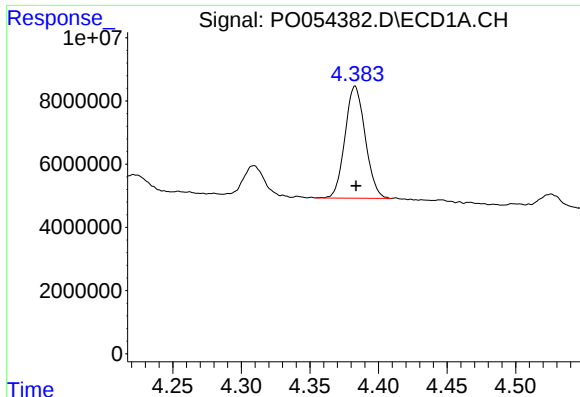
#10 AR-1221-3

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 36430270
Conc: 362.70 ng/ml



#10 AR-1221-3

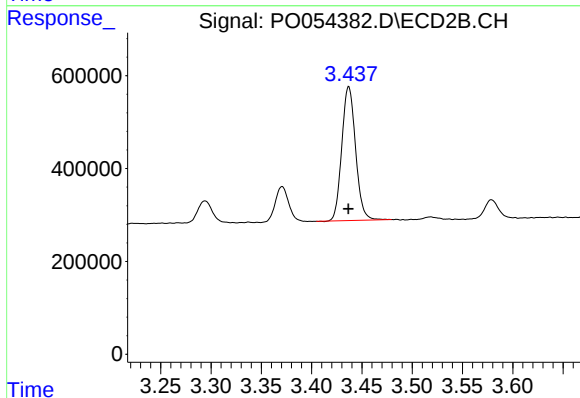
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 2751266
Conc: 359.34 ng/ml



#11 AR-1232-1

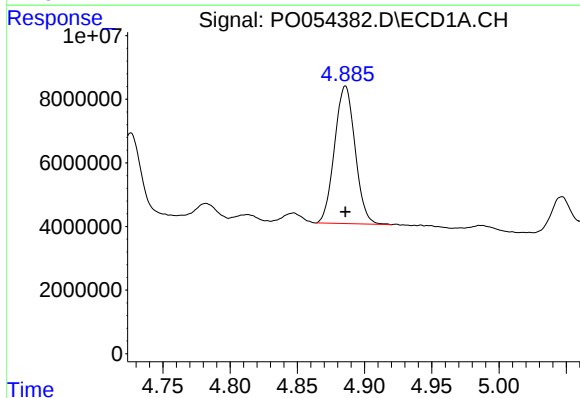
R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 36430270
Conc: 420.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



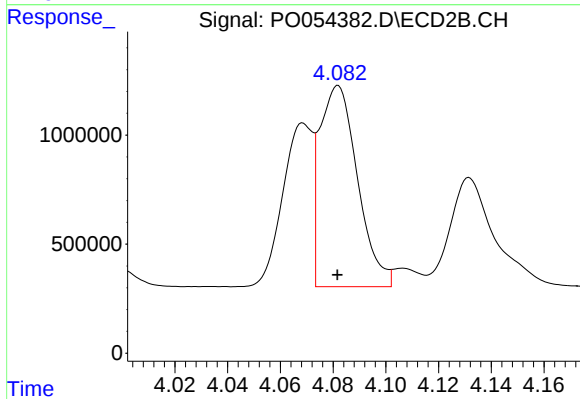
#11 AR-1232-1

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 2751266
Conc: 408.62 ng/ml



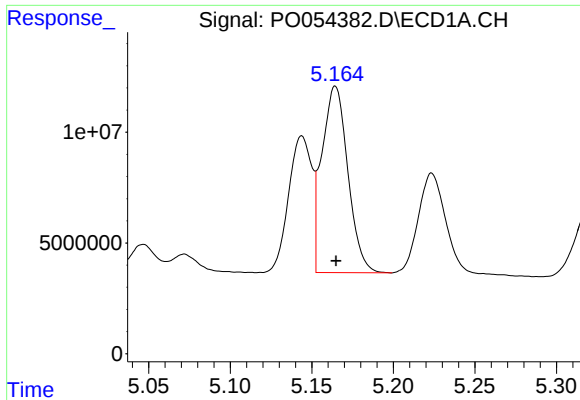
#12 AR-1232-2

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 45747894
Conc: 1210.57 ng/ml



#12 AR-1232-2

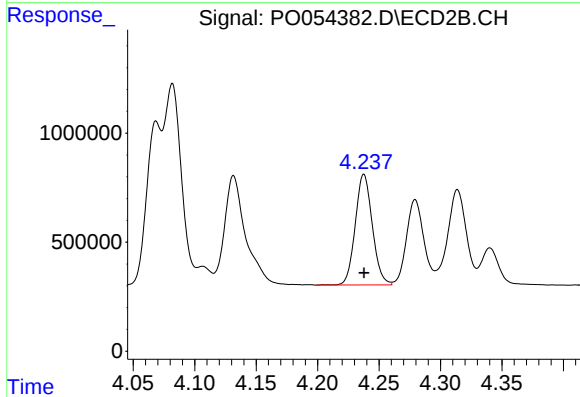
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9193781
Conc: 1016.56 ng/ml



#13 AR-1232-3

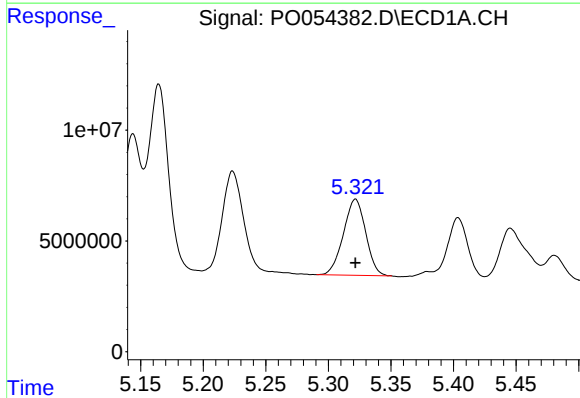
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 93560733
Conc: 1258.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



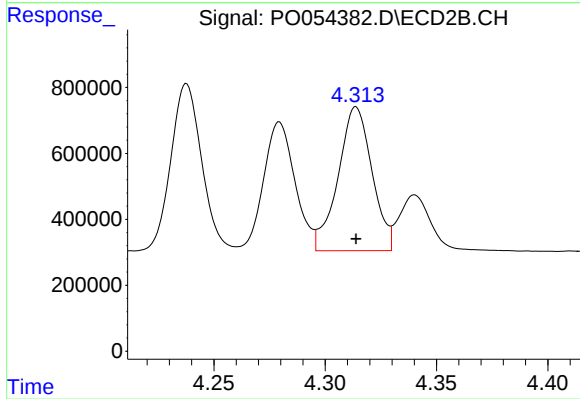
#13 AR-1232-3

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 4903312
Conc: 1110.06 ng/ml



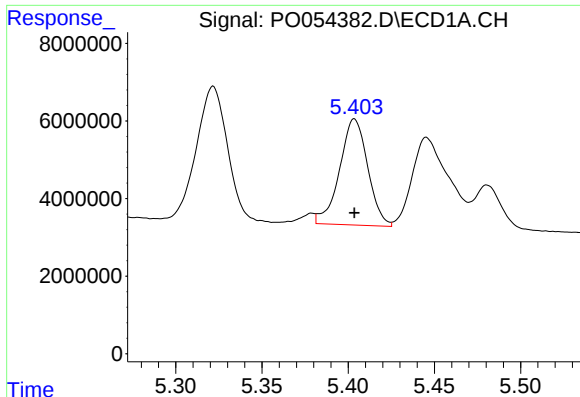
#14 AR-1232-4

R.T.: 5.322 min
Delta R.T.: 0.000 min
Response: 42563731
Conc: 1256.06 ng/ml



#14 AR-1232-4

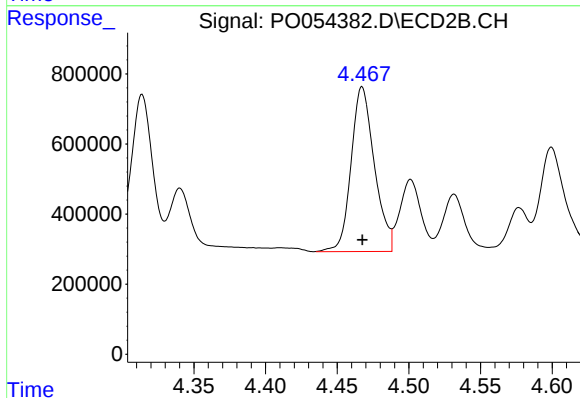
R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 4632664
Conc: 1268.27 ng/ml



#15 AR-1232-5

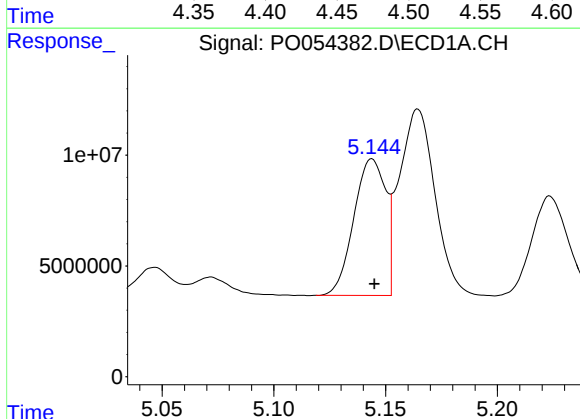
R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 31088486
Conc: 1505.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



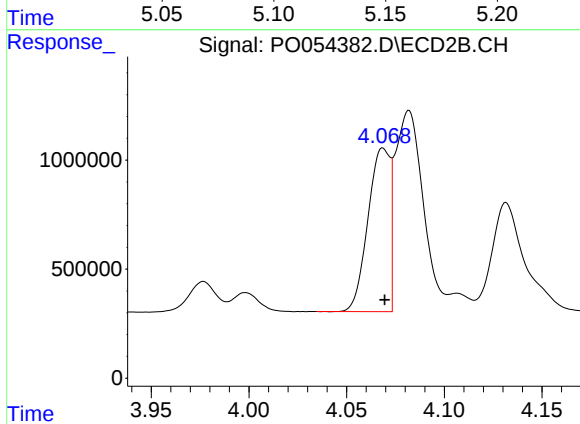
#15 AR-1232-5

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 5314324
Conc: 1239.96 ng/ml



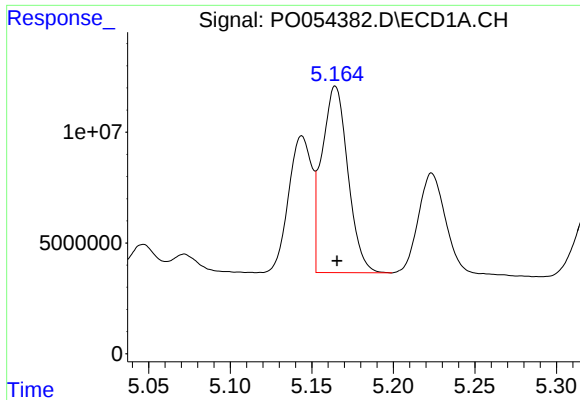
#16 AR-1242-1

R.T.: 5.144 min
Delta R.T.: -0.001 min
Response: 61066675
Conc: 648.36 ng/ml



#16 AR-1242-1

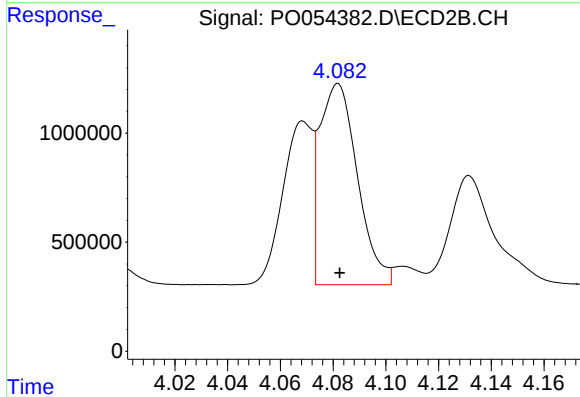
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 5854468
Conc: 615.79 ng/ml



#17 AR-1242-2

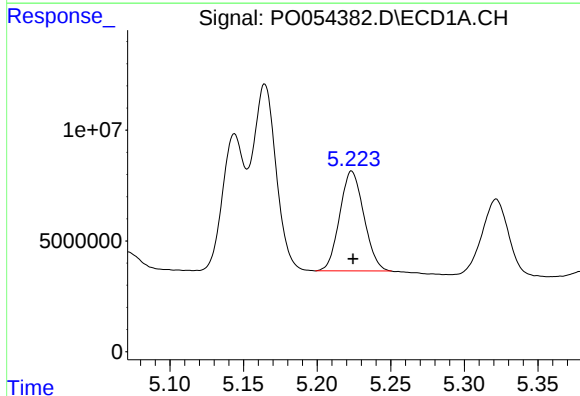
R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 93560733
Conc: 672.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



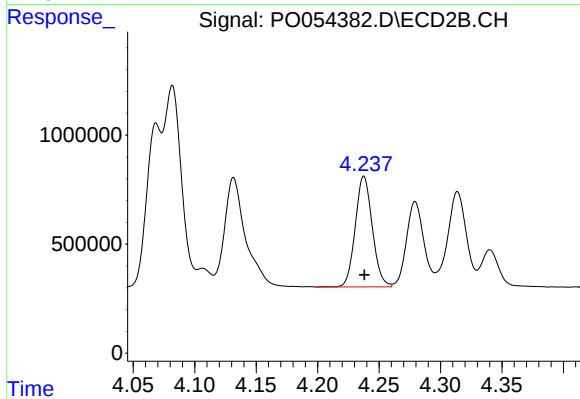
#17 AR-1242-2

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9193781
Conc: 592.46 ng/ml



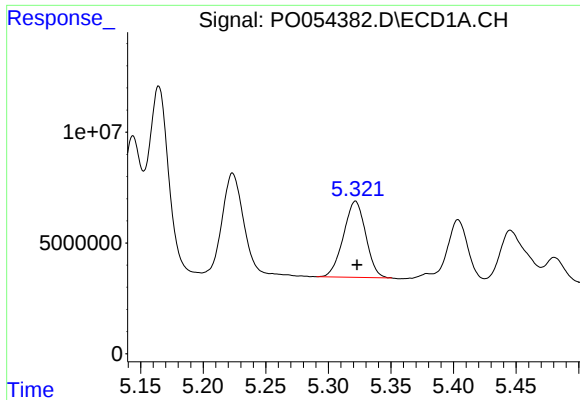
#18 AR-1242-3

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 51499455
Conc: 664.27 ng/ml



#18 AR-1242-3

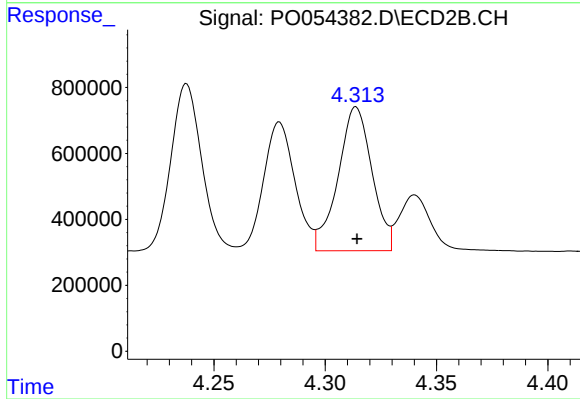
R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 4903312
Conc: 599.07 ng/ml



#19 AR-1242-4

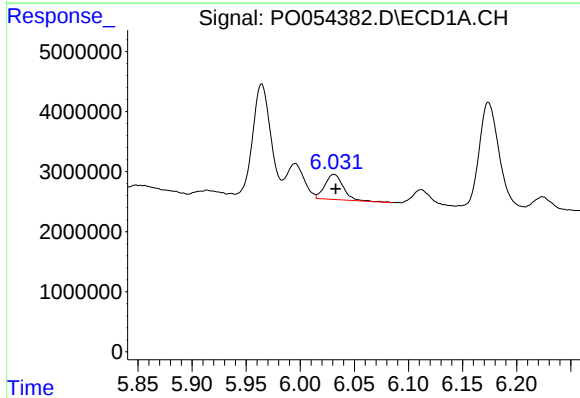
R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 42563731
Conc: 659.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



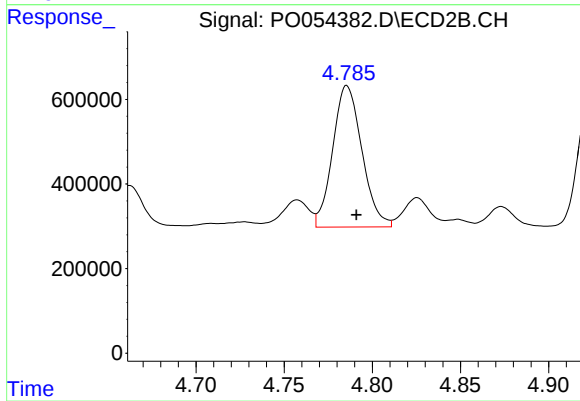
#19 AR-1242-4

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 4632664
Conc: 609.34 ng/ml



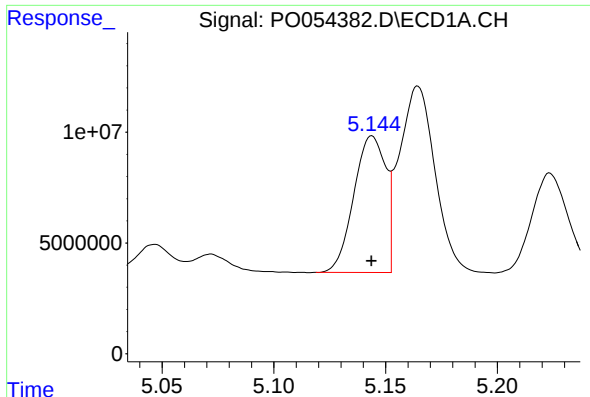
#20 AR-1242-5

R.T.: 6.031 min
Delta R.T.: -0.001 min
Response: 4951658
Conc: 83.57 ng/ml



#20 AR-1242-5

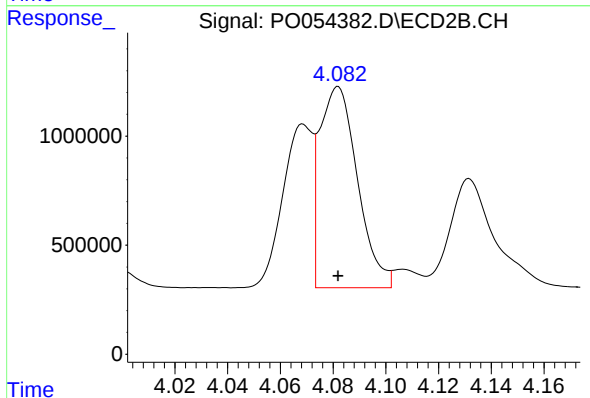
R.T.: 4.786 min
Delta R.T.: -0.005 min
Response: 3857304
Conc: 367.76 ng/ml



#21 AR-1248-1

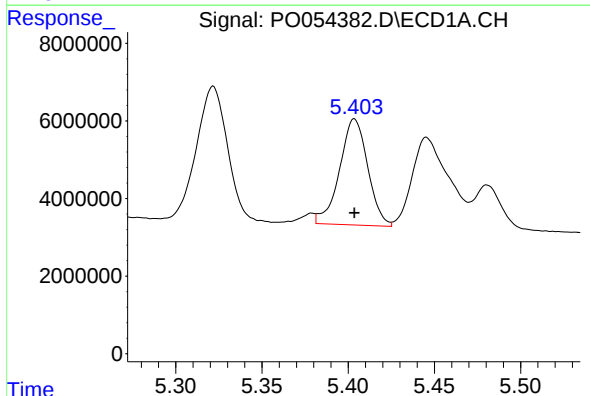
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 61066675
Conc: 625.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



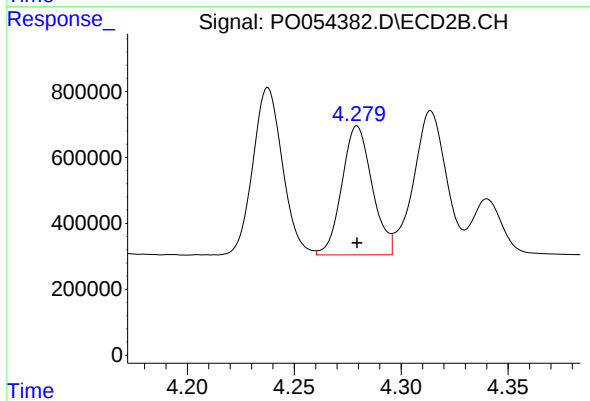
#21 AR-1248-1

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 9193781
Conc: 781.45 ng/ml



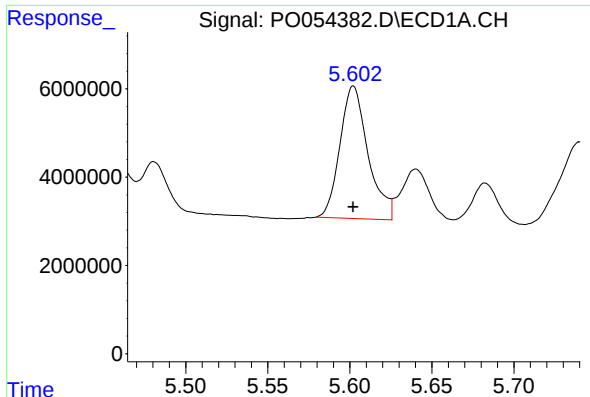
#22 AR-1248-2

R.T.: 5.404 min
Delta R.T.: 0.000 min
Response: 31088486
Conc: 264.83 ng/ml



#22 AR-1248-2

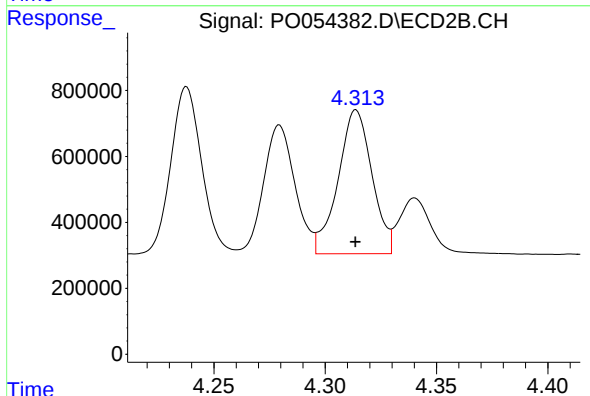
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 3848991
Conc: 269.39 ng/ml



#23 AR-1248-3

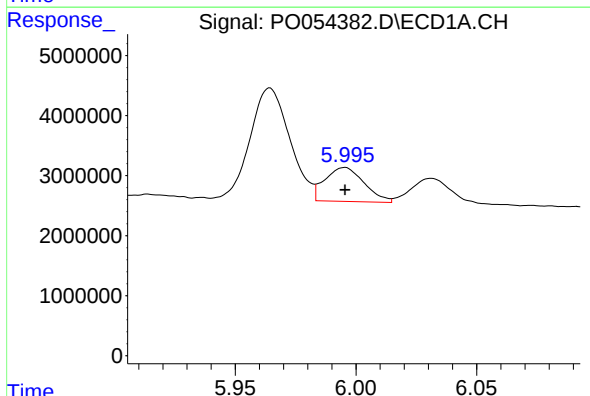
R.T.: 5.602 min
Delta R.T.: 0.000 min
Response: 35778380
Conc: 274.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



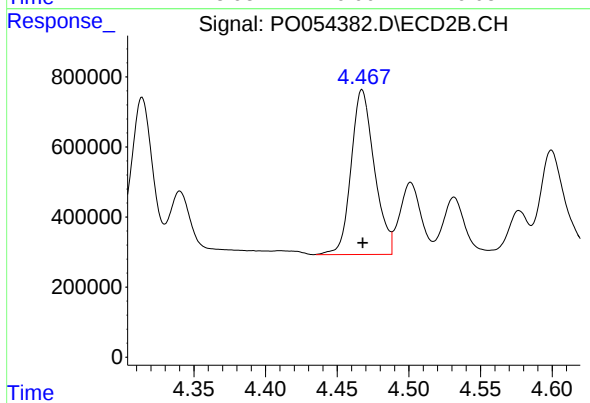
#23 AR-1248-3

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 4632664
Conc: 322.62 ng/ml



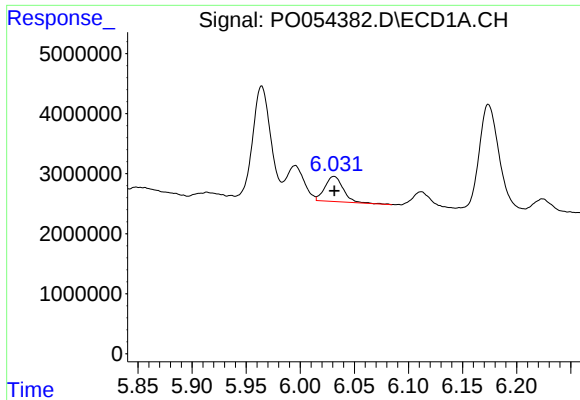
#24 AR-1248-4

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 6411826
Conc: 45.81 ng/ml



#24 AR-1248-4

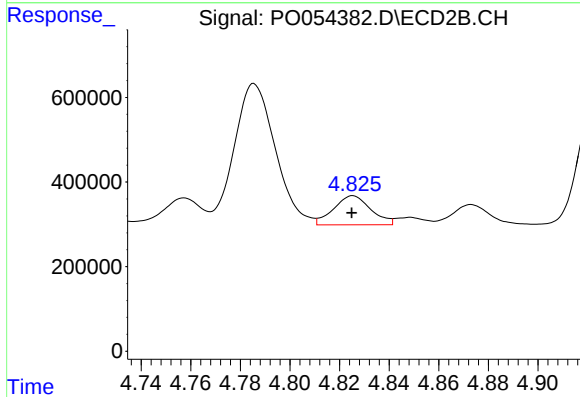
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 5314324
Conc: 292.41 ng/ml



#25 AR-1248-5

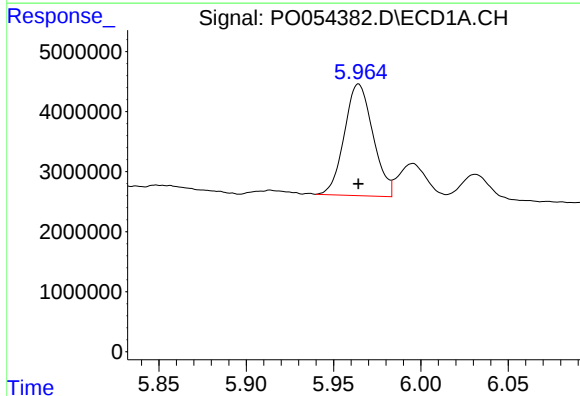
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 4951658
Conc: 36.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



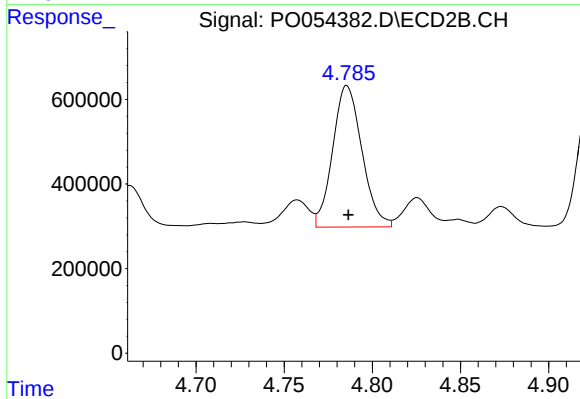
#25 AR-1248-5

R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 714238
Conc: 37.58 ng/ml



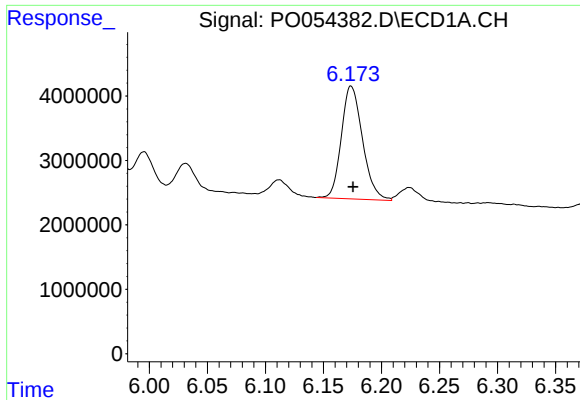
#26 AR-1254-1

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 21238007
Conc: 229.63 ng/ml



#26 AR-1254-1

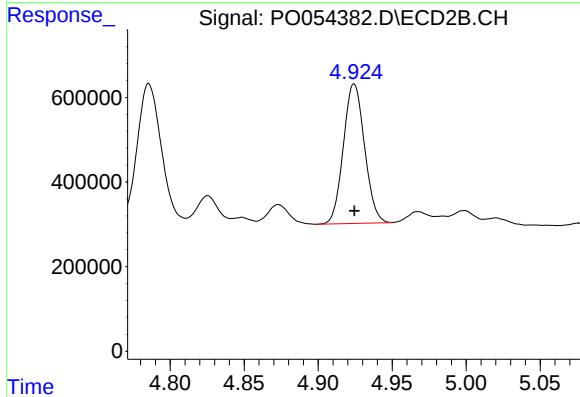
R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 3857304
Conc: 185.03 ng/ml



#27 AR-1254-2

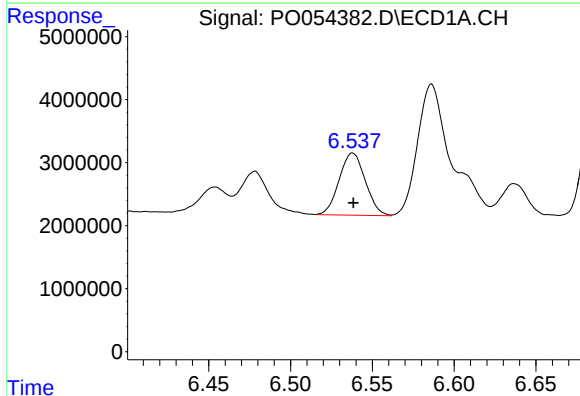
R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 22214352
Conc: 159.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



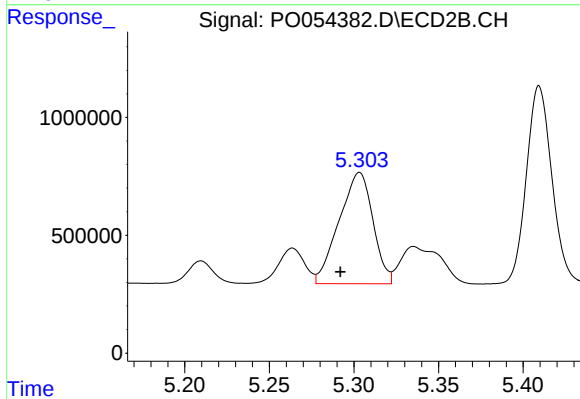
#27 AR-1254-2

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 3284727
Conc: 180.48 ng/ml



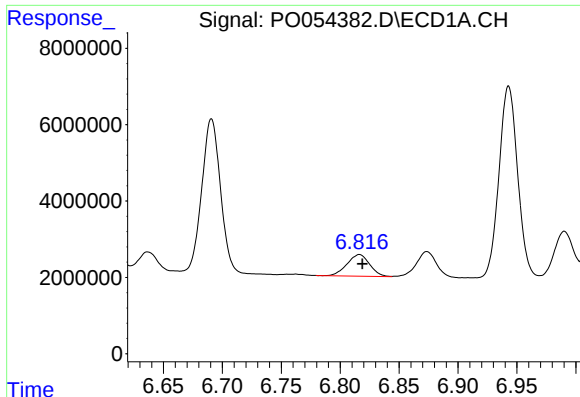
#28 AR-1254-3

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 10987757
Conc: 79.12 ng/ml



#28 AR-1254-3

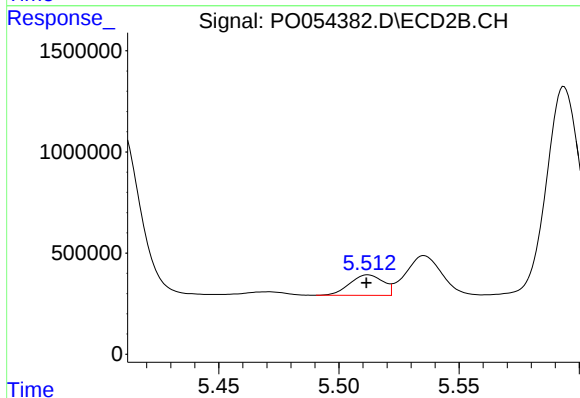
R.T.: 5.303 min
Delta R.T.: 0.011 min
Response: 6571345
Conc: 236.66 ng/ml



#29 AR-1254-4

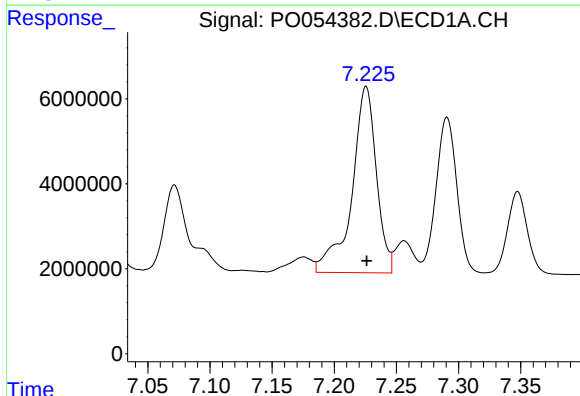
R.T.: 6.816 min
Delta R.T.: -0.003 min
Response: 7561206
Conc: 75.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



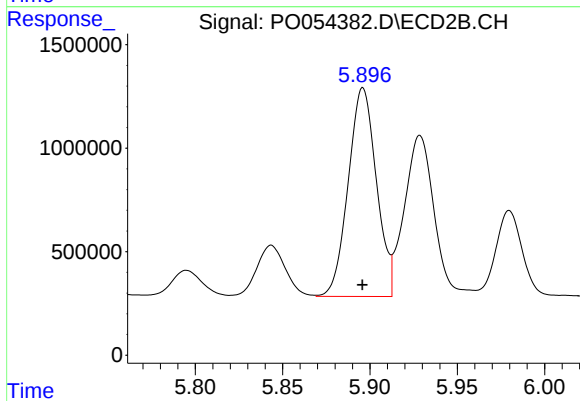
#29 AR-1254-4

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 978999
Conc: 52.91 ng/ml



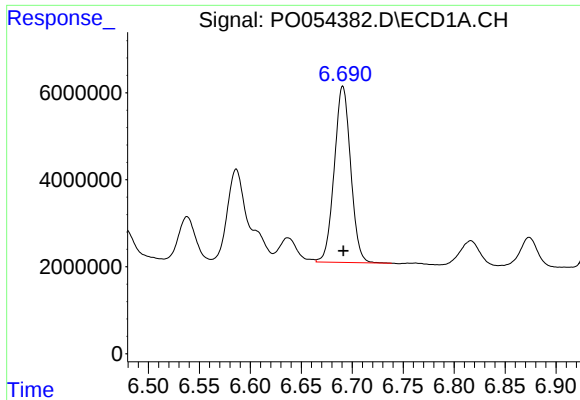
#30 AR-1254-5

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 60378663
Conc: 660.57 ng/ml



#30 AR-1254-5

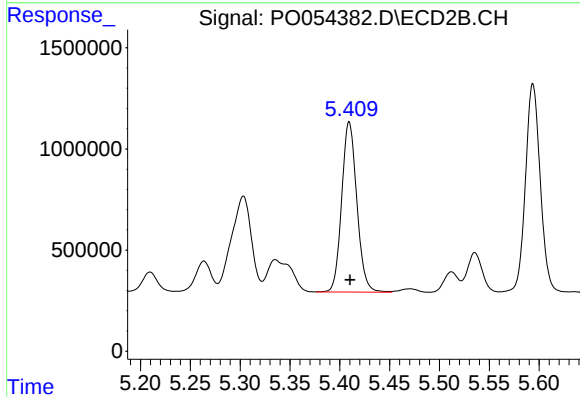
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 11303308
Conc: 562.70 ng/ml



#31 AR-1260-1

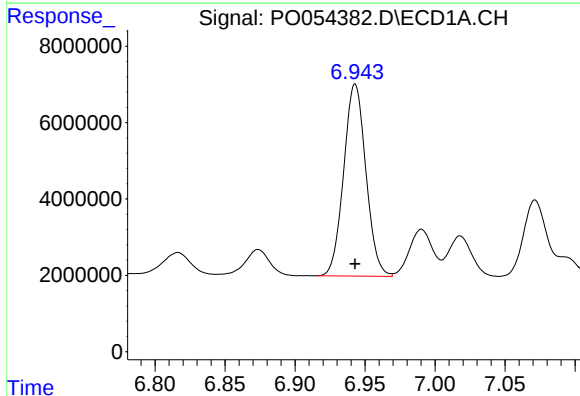
R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 45293802
Conc: 501.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



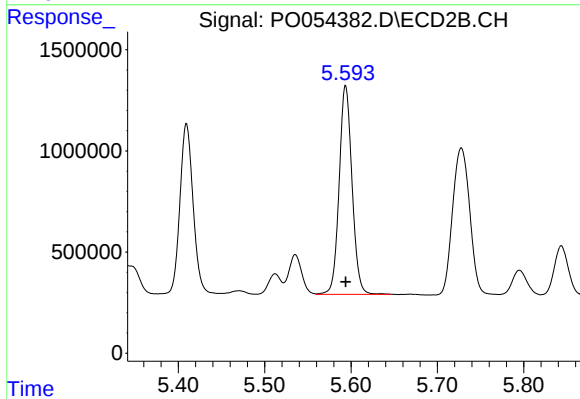
#31 AR-1260-1

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 8902448
Conc: 485.88 ng/ml



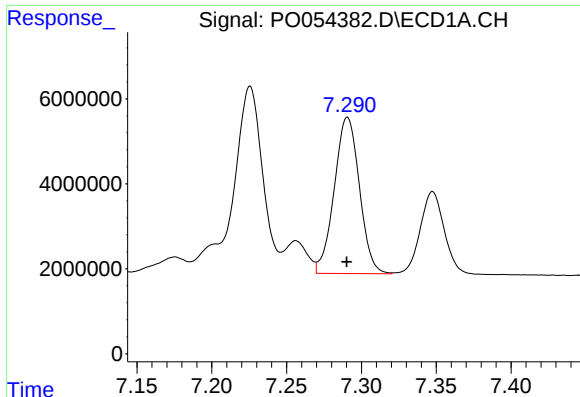
#32 AR-1260-2

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 55625152
Conc: 501.73 ng/ml



#32 AR-1260-2

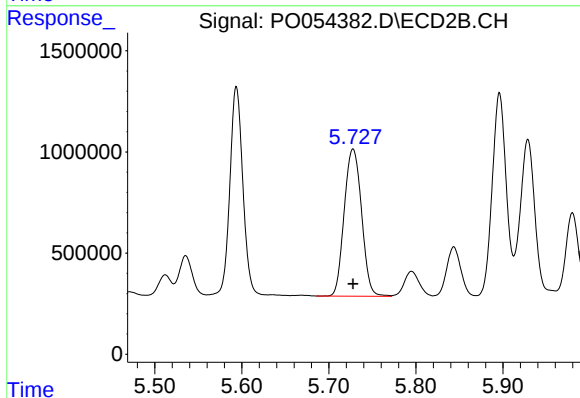
R.T.: 5.594 min
Delta R.T.: 0.000 min
Response: 10685802
Conc: 479.75 ng/ml



#33 AR-1260-3

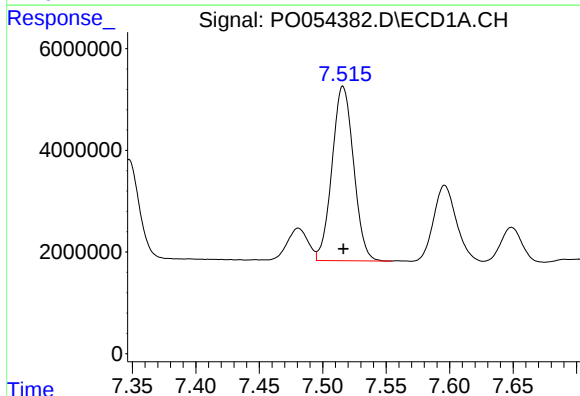
R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 43123407
Conc: 508.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



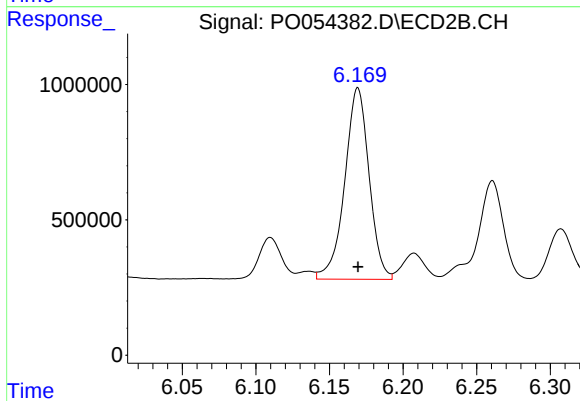
#33 AR-1260-3

R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 10075727
Conc: 491.42 ng/ml



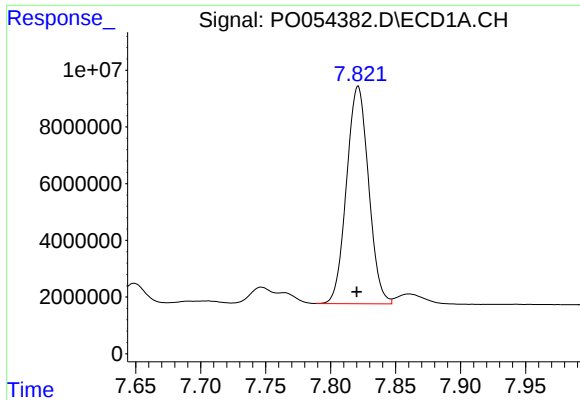
#34 AR-1260-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 40538452
Conc: 500.27 ng/ml



#34 AR-1260-4

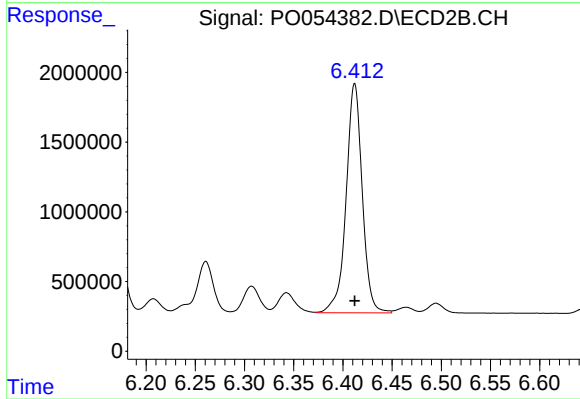
R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 8161496
Conc: 497.29 ng/ml



#35 AR-1260-5

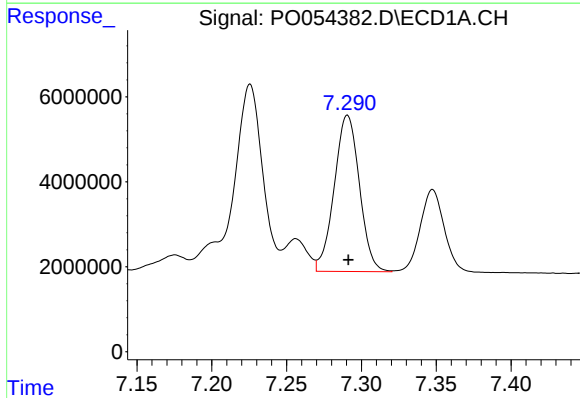
R.T.: 7.821 min
Delta R.T.: 0.001 min
Response: 90709980
Conc: 503.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



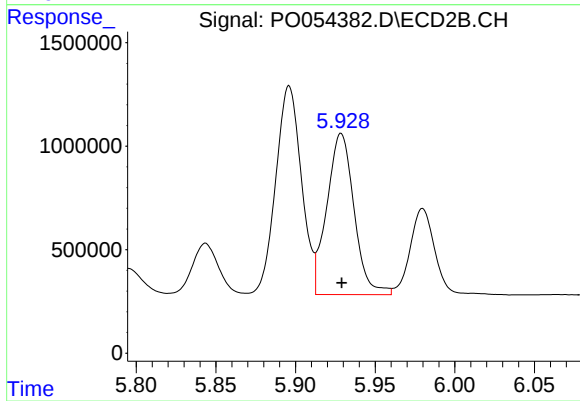
#35 AR-1260-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 18781565
Conc: 496.80 ng/ml



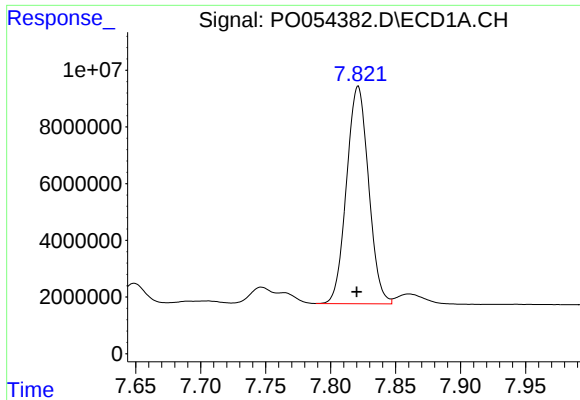
#36 AR-1262-1

R.T.: 7.291 min
Delta R.T.: 0.000 min
Response: 43123407
Conc: 312.44 ng/ml



#36 AR-1262-1

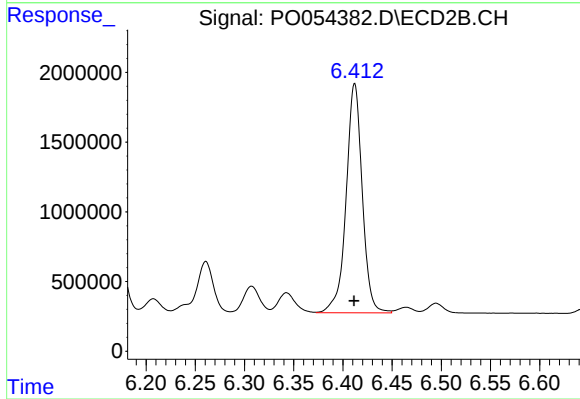
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 9267662
Conc: 351.17 ng/ml



#37 AR-1262-2

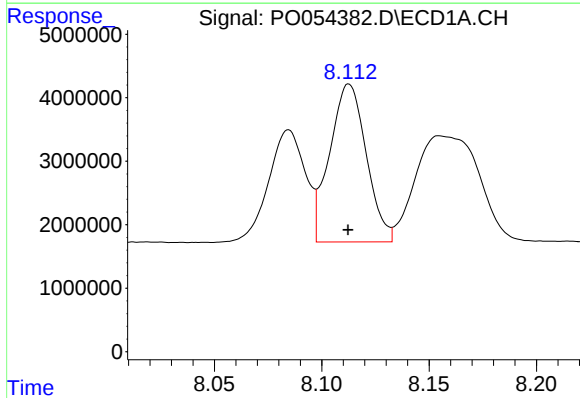
R.T.: 7.821 min
Delta R.T.: 0.001 min
Response: 90709980
Conc: 396.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



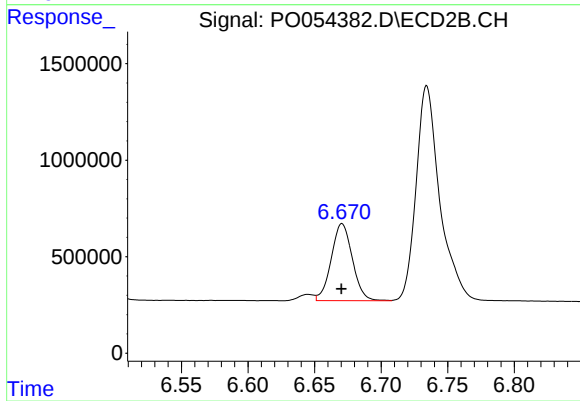
#37 AR-1262-2

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 18781565
Conc: 414.33 ng/ml



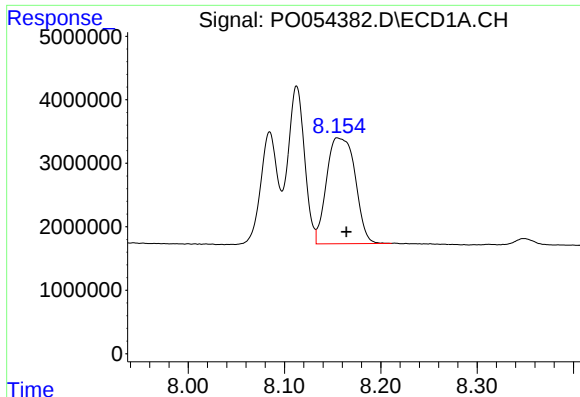
#38 AR-1262-3

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 29532875
Conc: 620.75 ng/ml



#38 AR-1262-3

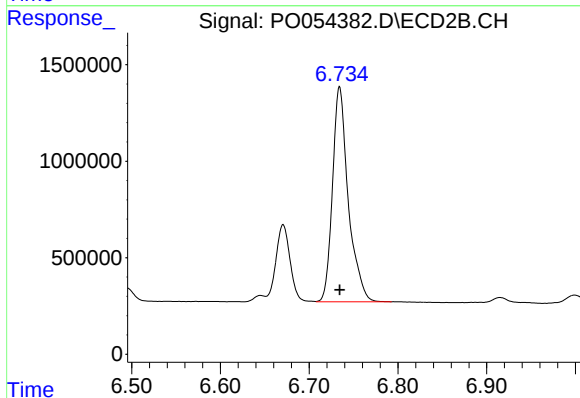
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 4418379
Conc: 231.85 ng/ml



#39 AR-1262-4

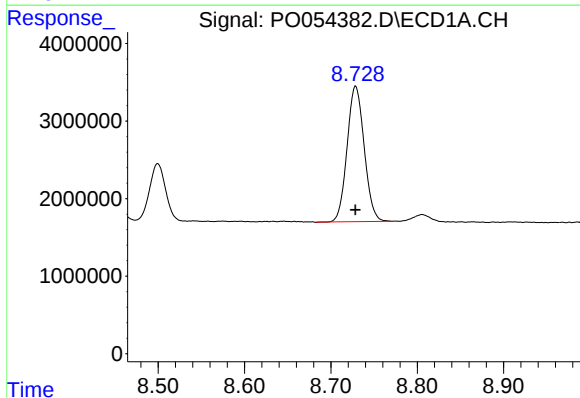
R.T.: 8.155 min
Delta R.T.: -0.009 min
Response: 34399078
Conc: 308.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



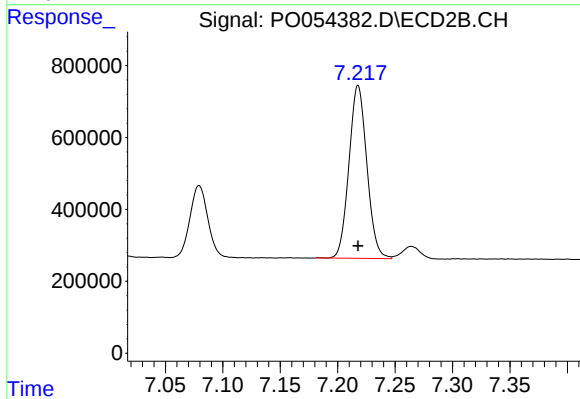
#39 AR-1262-4

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 13760972
Conc: 408.48 ng/ml



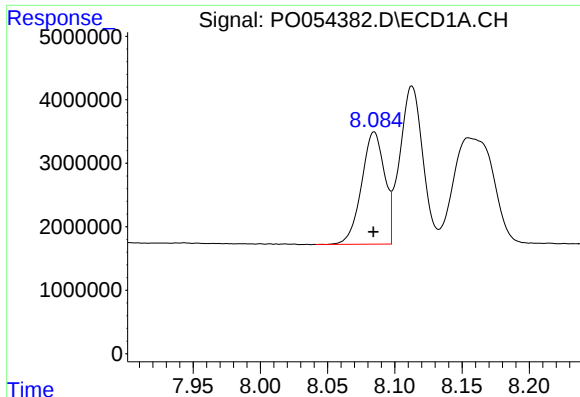
#40 AR-1262-5

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 24042525
Conc: 325.88 ng/ml



#40 AR-1262-5

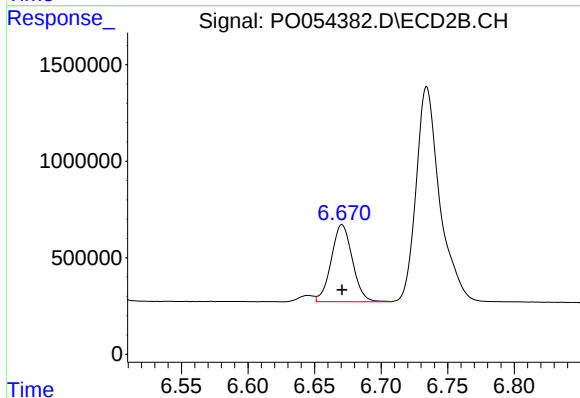
R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 5243086
Conc: 325.71 ng/ml



#41 AR-1268-1

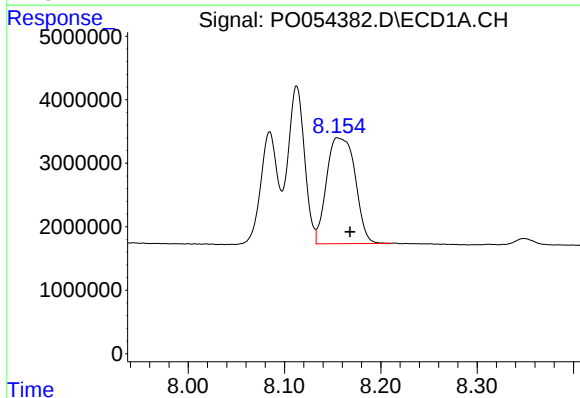
R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 21062178
Conc: 83.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



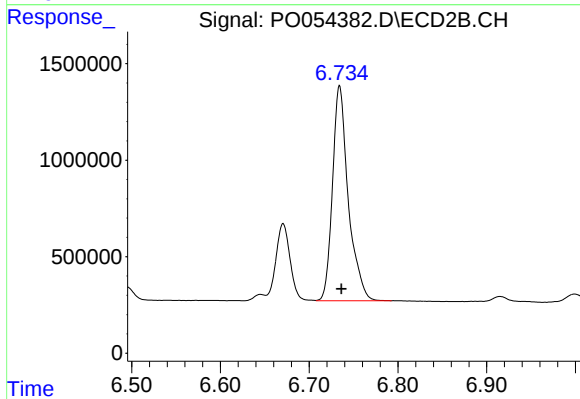
#41 AR-1268-1

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 4418379
Conc: 89.10 ng/ml



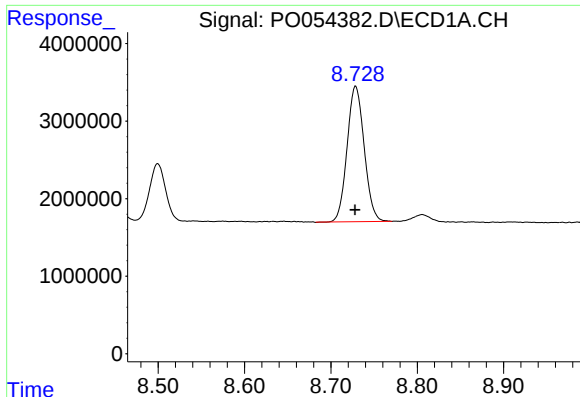
#42 AR-1268-2

R.T.: 8.155 min
Delta R.T.: -0.013 min
Response: 34399078
Conc: 145.23 ng/ml



#42 AR-1268-2

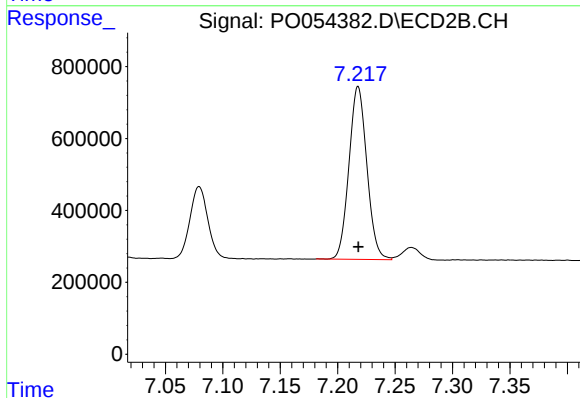
R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 13760972
Conc: 293.47 ng/ml



#44 AR-1268-4

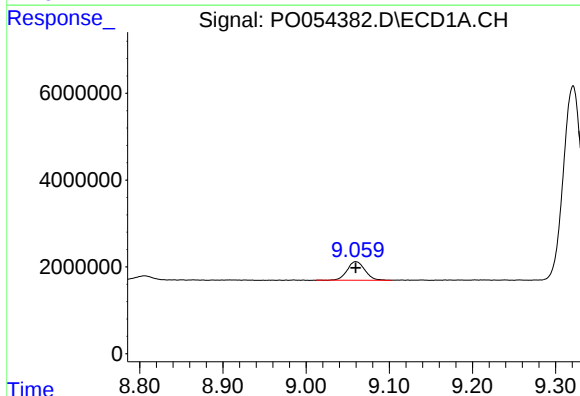
R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 24042525
Conc: 300.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



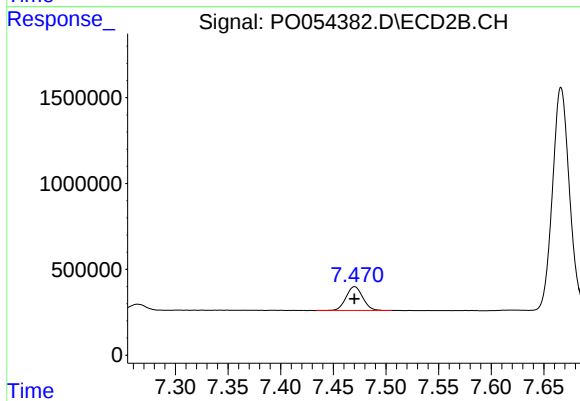
#44 AR-1268-4

R.T.: 7.218 min
Delta R.T.: 0.000 min
Response: 5243086
Conc: 298.59 ng/ml



#45 AR-1268-5

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 6333950
Conc: 10.49 ng/ml



#45 AR-1268-5

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 1530101
Conc: 12.92 ng/ml