

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090419\
 Data File : P0060317.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Sep 2019 14:35
 Operator : SM/AJ
 Sample : K4627-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 7-6-FSC-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 01:12:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

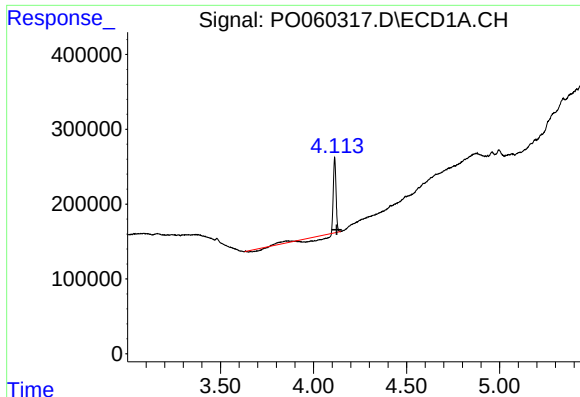
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.113	3.490	568612	894432	16.240	24.848 #
2)	SA Decachlor...	9.565	8.342	961648	1439210	18.076	35.694 #
Target Compounds							
3)	L1 AR-1016-1	0.000	4.555	0	134883	N.D.	99.770 #
6)	L1 AR-1016-4	0.000	4.768	0	992847	N.D.	1099.508 #
7)	L1 AR-1016-5	5.728	4.975	1109245	551719	863.805	478.953 #
8)	L2 AR-1221-1	0.000	3.785	0	34076	N.D.	84.897 #
9)	L2 AR-1221-2	0.000	3.785	0	34076	N.D.	111.863 #
10)	L2 AR-1221-3	0.000	3.855	0	56579	N.D.	57.825 #
11)	L3 AR-1232-1	0.000	3.855	0	56579	N.D.	49.625 #
12)	L3 AR-1232-2	4.998	4.555	366316	134883	518.570	105.909 #
14)	L3 AR-1232-4	5.526	4.841	1314588	123982	1681.316	203.230 #
15)	L3 AR-1232-5	5.569	4.975	286078	551719	475.900	810.475 #
19)	L4 AR-1242-4	5.526	4.841	1314588	123982	1358.219	148.591 #
20)	L4 AR-1242-5	6.245	5.317	5364308	5367048	4268.915	4797.991
22)	L5 AR-1248-2	5.526	4.768	1314588	992847	906.045	861.005
23)	L5 AR-1248-3	5.687	4.807	65479	348564	39.397	293.466 #
24)	L5 AR-1248-4	6.125	4.975	3420217	551719	1673.212	379.689 #
25)	L5 AR-1248-5	6.164	5.317	6325348	5367048	3189.662	3749.808
26)	L6 AR-1254-1	6.096	5.317	8764996	5367048	4200.979	2262.856 #
27)	L6 AR-1254-2	6.310	5.463	11829195	5356859	3545.656	2552.948 #
28)	L6 AR-1254-3	6.675	5.862	10024569	8645560	2825.048	2571.164
29)	L6 AR-1254-4	6.958	6.084	7573930	2353507	2571.326	1141.466 #
30)	L6 AR-1254-5	7.403	6.490	3365629	7233319	1088.357	2329.591 #
31)	L7 AR-1260-1	6.832	5.982	15084215	9838207	5595.411	4317.075
32)	L7 AR-1260-2	7.087	6.170	17699941	8870923	4770.257	3027.748 #
33)	L7 AR-1260-3	7.441	6.317	9128307	8791701	2786.136	3318.705
34)	L7 AR-1260-4	7.667	6.780	9977621	3368473	3248.642	1488.776 #
35)	L7 AR-1260-5	7.975	7.023	12729587	6074961	1797.734	1103.872 #
36)	L8 AR-1262-1	7.499	6.524	8191341	5269072	1687.927	1413.547
37)	L8 AR-1262-2	8.021	7.023	10510824	6074961	1362.232	1033.324
38)	L8 AR-1262-3	8.273	7.296	5231258	3800778	1025.273	1495.799 #
39)	L8 AR-1262-4	8.320	7.361	5922664	4440488	1536.466	1004.875 #
40)	L8 AR-1262-5	8.925	7.875	918861	3024821	358.012	1675.281 #
41)	L9 AR-1268-1	8.273	7.296	5231258	3800778	555.886	533.748
42)	L9 AR-1268-2	8.320	7.361	5922664	4440488	751.351	688.661
43)	L9 AR-1268-3	0.000	7.549	0	783602	N.D.	143.212 #
44)	L9 AR-1268-4	8.925	7.875	918861	3024821	330.520	1481.815 #
45)	L9 AR-1268-5	9.340	8.138	631843	523023	34.261	35.997

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

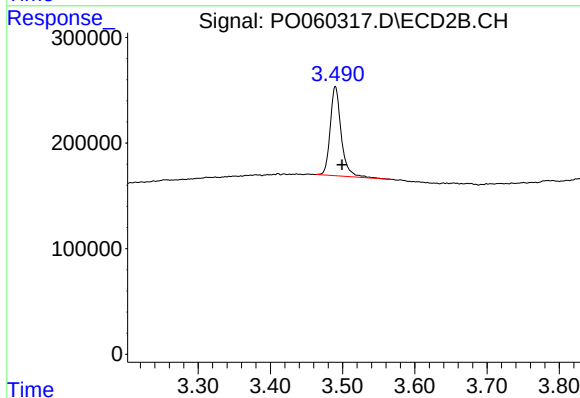
Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



#1 Tetrachloro-m-xylene

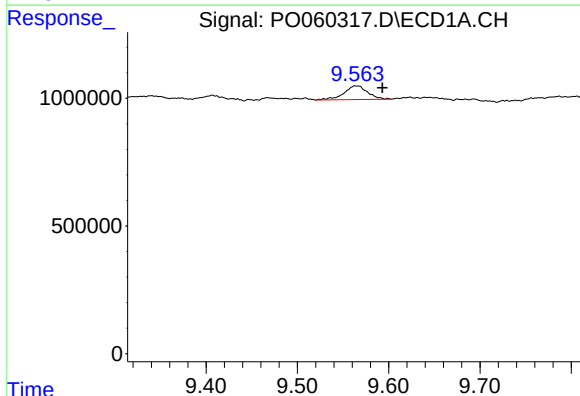
R.T.: 4.113 min
Delta R.T.: -0.011 min
Response: 568612
Conc: 16.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



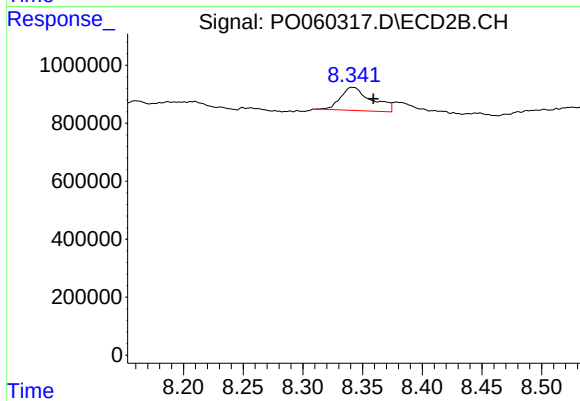
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: -0.009 min
Response: 894432
Conc: 24.85 ng/ml



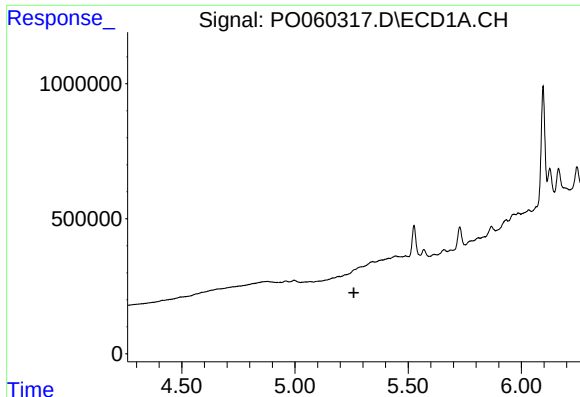
#2 Decachlorobiphenyl

R.T.: 9.565 min
Delta R.T.: -0.029 min
Response: 961648
Conc: 18.08 ng/ml



#2 Decachlorobiphenyl

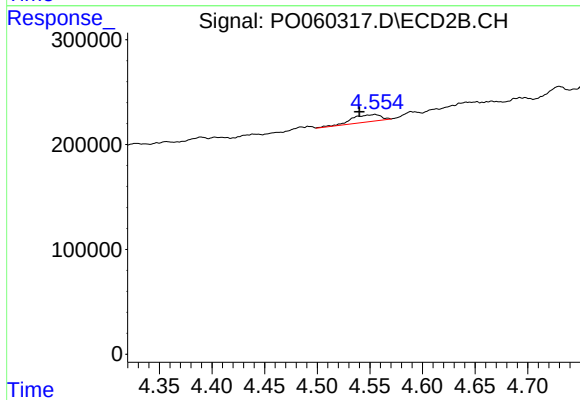
R.T.: 8.342 min
Delta R.T.: -0.017 min
Response: 1439210
Conc: 35.69 ng/ml



#3 AR-1016-1

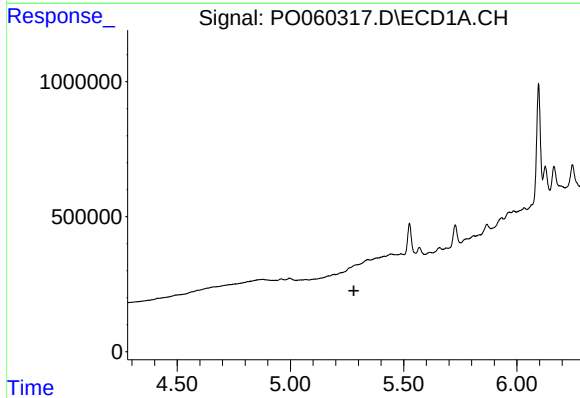
R.T.: 0.000 min
Exp R.T.: 5.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



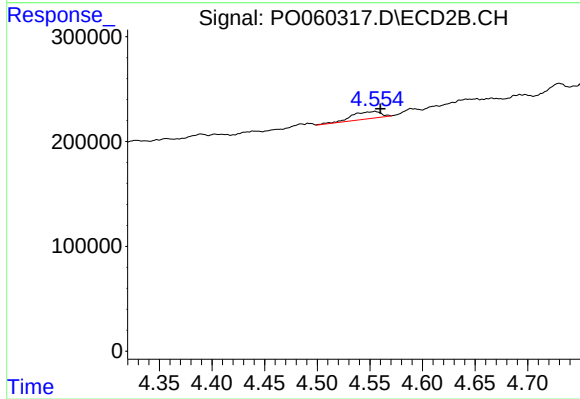
#3 AR-1016-1

R.T.: 4.555 min
Delta R.T.: 0.015 min
Response: 134883
Conc: 99.77 ng/ml



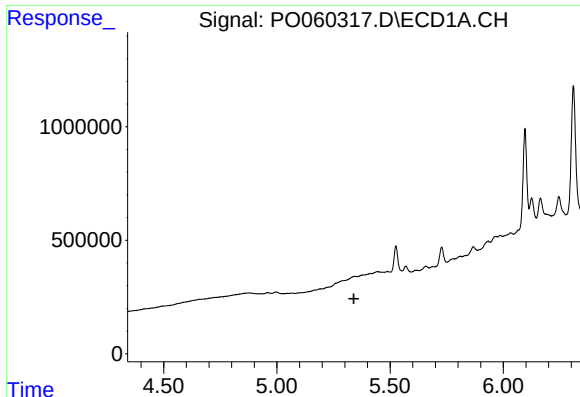
#4 AR-1016-2

R.T.: 5.341 min
Delta R.T.: 0.061 min
Response: -906490
Conc: N.D.



#4 AR-1016-2

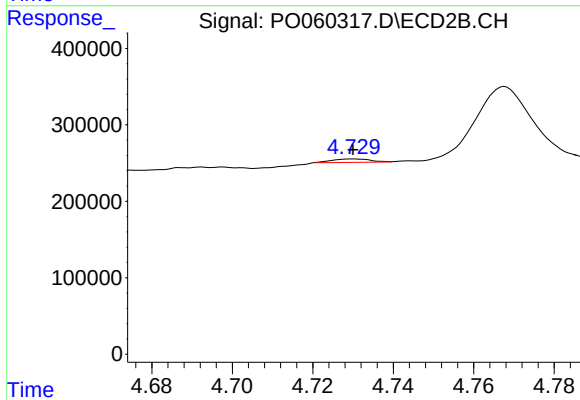
R.T.: 4.555 min
Delta R.T.: -0.005 min
Response: 134883
Conc: 67.34 ng/ml



#5 AR-1016-3

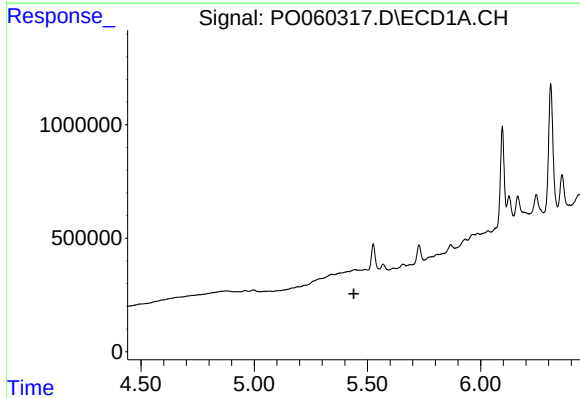
R.T.: 5.341 min
Delta R.T.: 0.001 min
Response: -906490
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



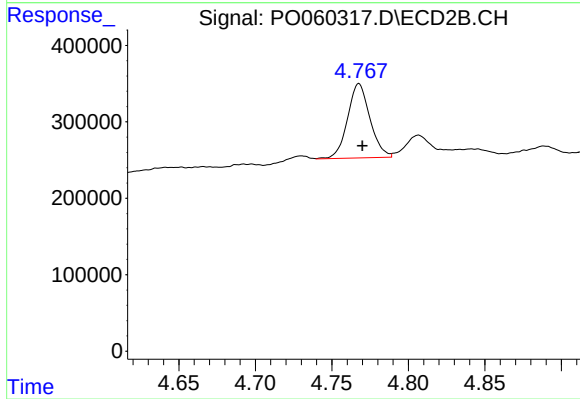
#5 AR-1016-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 29953
Conc: 27.69 ng/ml



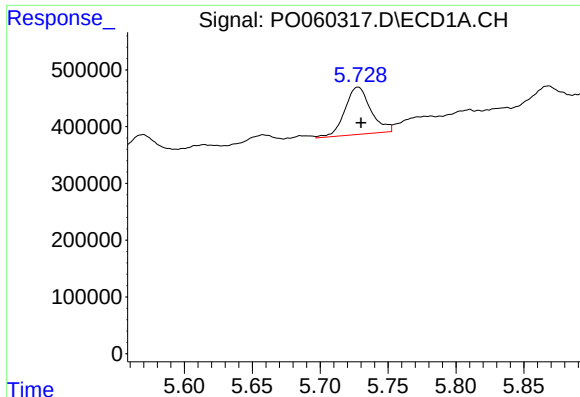
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.440 min
Response: 0
Conc: N.D.



#6 AR-1016-4

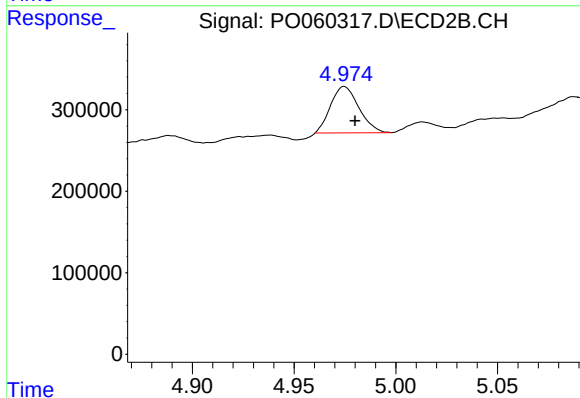
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 992847
Conc: 1099.51 ng/ml



#7 AR-1016-5

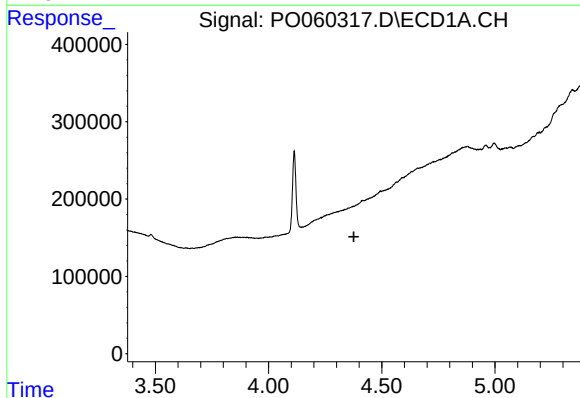
R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 1109245
Conc: 863.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



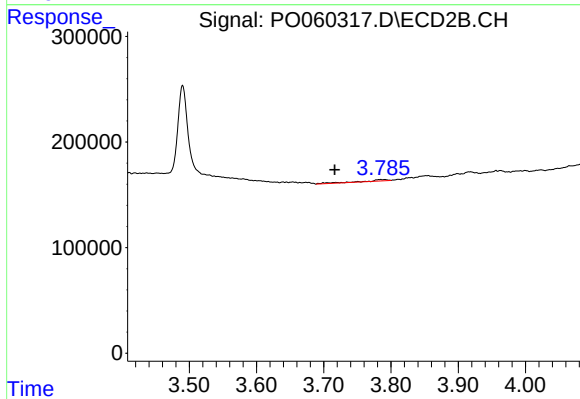
#7 AR-1016-5

R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 551719
Conc: 478.95 ng/ml



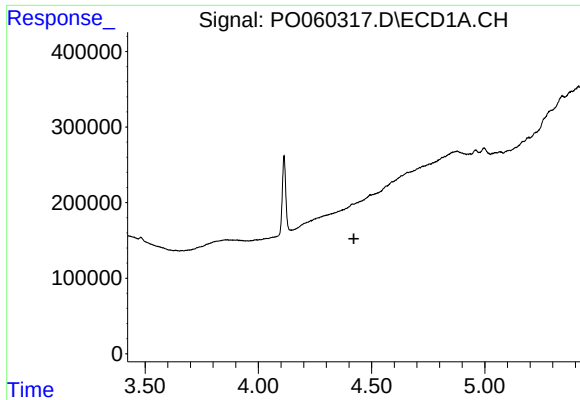
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.377 min
Response: 0
Conc: N.D.



#8 AR-1221-1

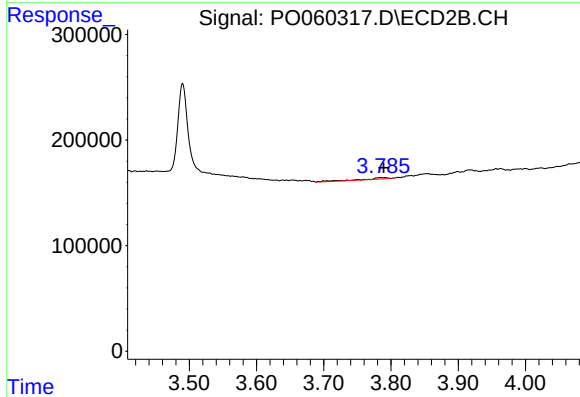
R.T.: 3.785 min
Delta R.T.: 0.068 min
Response: 34076
Conc: 84.90 ng/ml



#9 AR-1221-2

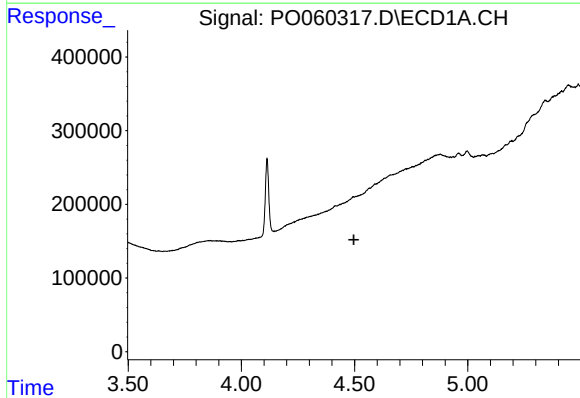
R.T.: 0.000 min
Exp R.T.: 4.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



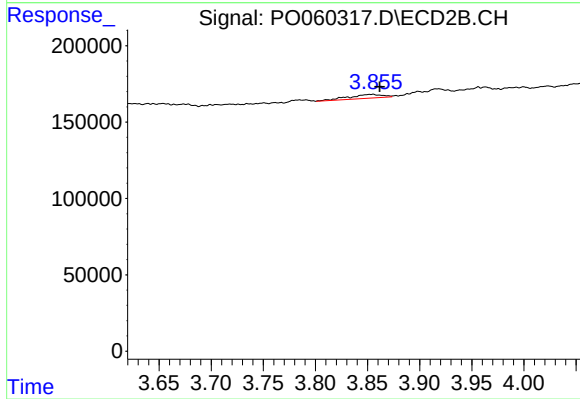
#9 AR-1221-2

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 34076
Conc: 111.86 ng/ml



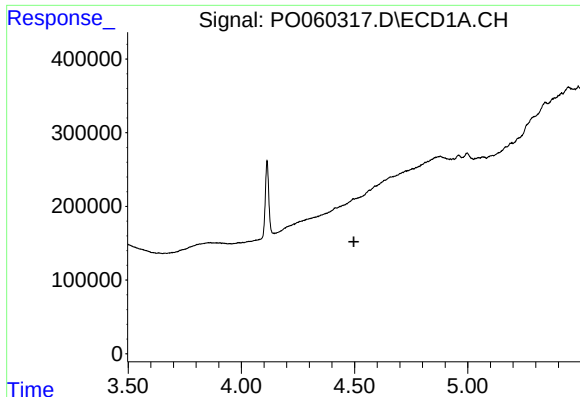
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.497 min
Response: 0
Conc: N.D.



#10 AR-1221-3

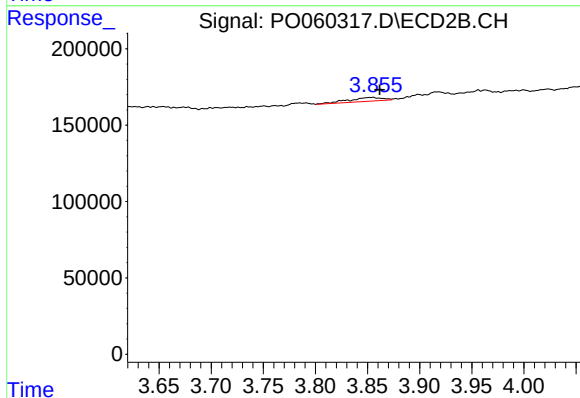
R.T.: 3.855 min
Delta R.T.: -0.007 min
Response: 56579
Conc: 57.83 ng/ml



#11 AR-1232-1

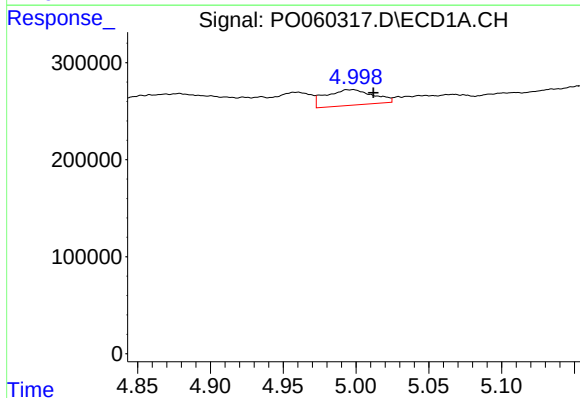
R.T.: 0.000 min
Exp R.T.: 4.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



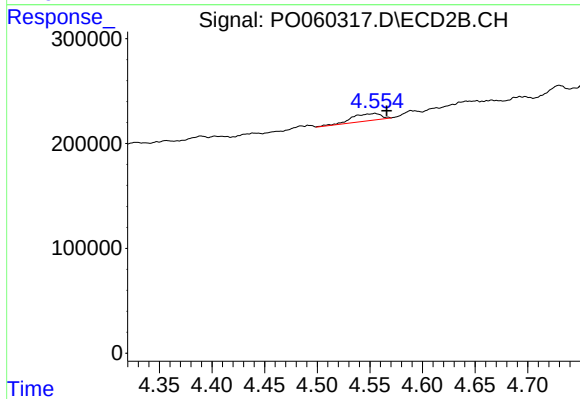
#11 AR-1232-1

R.T.: 3.855 min
Delta R.T.: -0.007 min
Response: 56579
Conc: 49.63 ng/ml



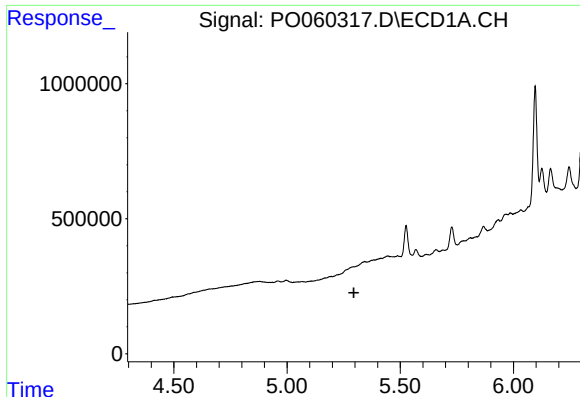
#12 AR-1232-2

R.T.: 4.998 min
Delta R.T.: -0.014 min
Response: 366316
Conc: 518.57 ng/ml



#12 AR-1232-2

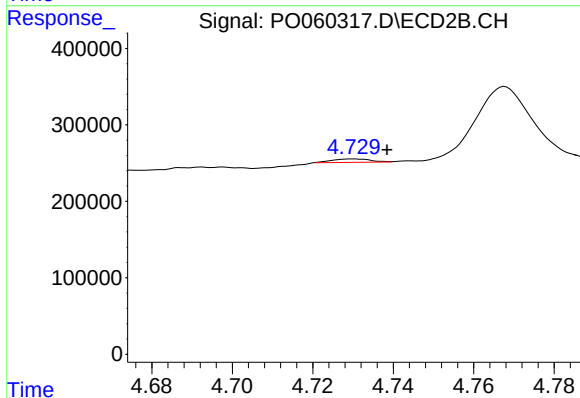
R.T.: 4.555 min
Delta R.T.: -0.011 min
Response: 134883
Conc: 105.91 ng/ml



#13 AR-1232-3

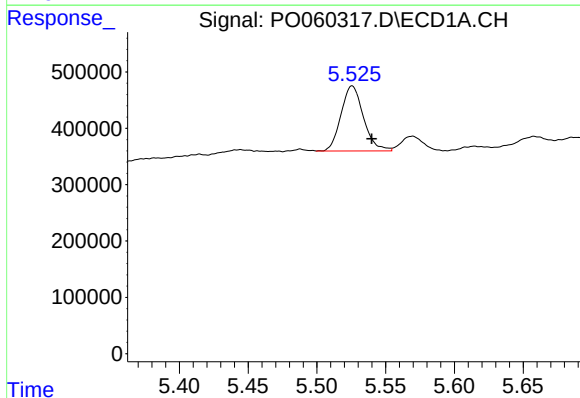
R.T.: 5.341 min
Delta R.T.: 0.046 min
Response: -906490
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



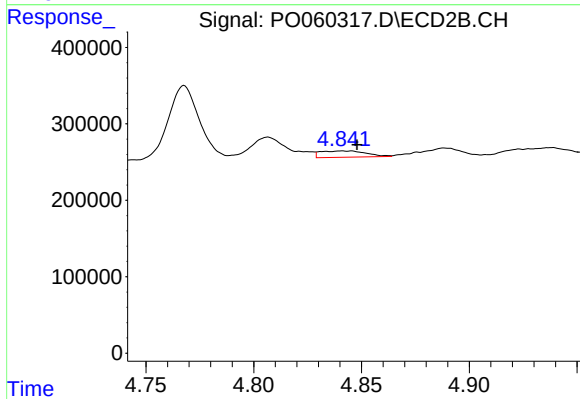
#13 AR-1232-3

R.T.: 4.730 min
Delta R.T.: -0.008 min
Response: 29953
Conc: 43.99 ng/ml



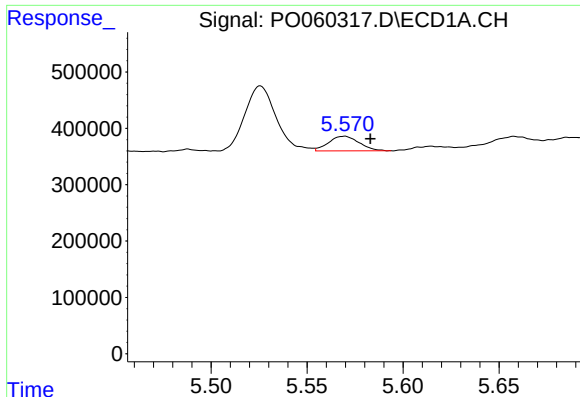
#14 AR-1232-4

R.T.: 5.526 min
Delta R.T.: -0.014 min
Response: 1314588
Conc: 1681.32 ng/ml



#14 AR-1232-4

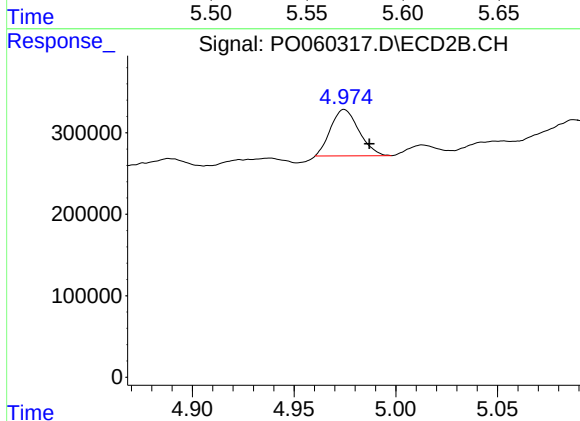
R.T.: 4.841 min
Delta R.T.: -0.007 min
Response: 123982
Conc: 203.23 ng/ml



#15 AR-1232-5

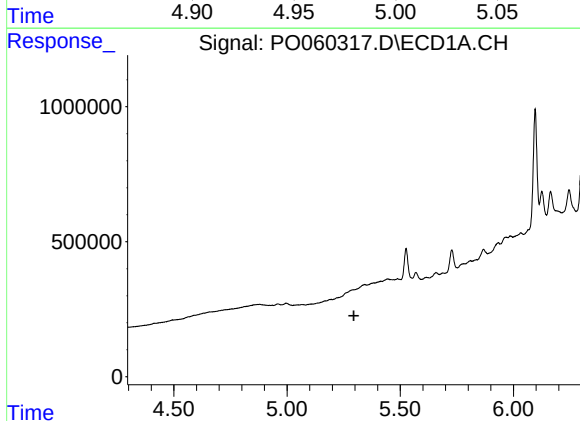
R.T.: 5.569 min
Delta R.T.: -0.014 min
Response: 286078
Conc: 475.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



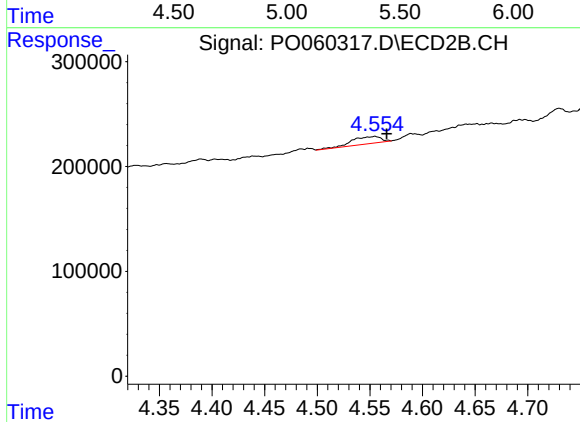
#15 AR-1232-5

R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 551719
Conc: 810.47 ng/ml



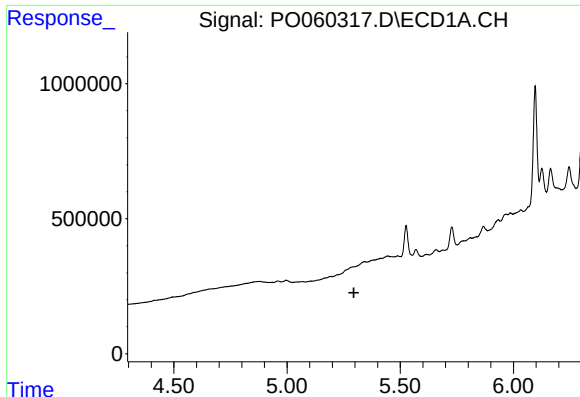
#16 AR-1242-1

R.T.: 5.341 min
Delta R.T.: 0.046 min
Response: -906490
Conc: N.D.



#16 AR-1242-1

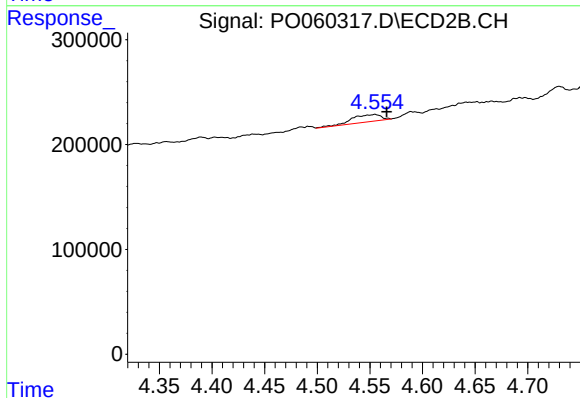
R.T.: 4.555 min
Delta R.T.: -0.011 min
Response: 134883
Conc: 131.13 ng/ml



#17 AR-1242-2

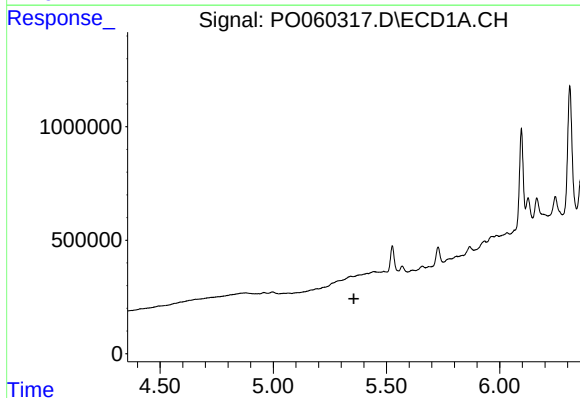
R.T.: 5.341 min
Delta R.T.: 0.046 min
Response: -906490
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



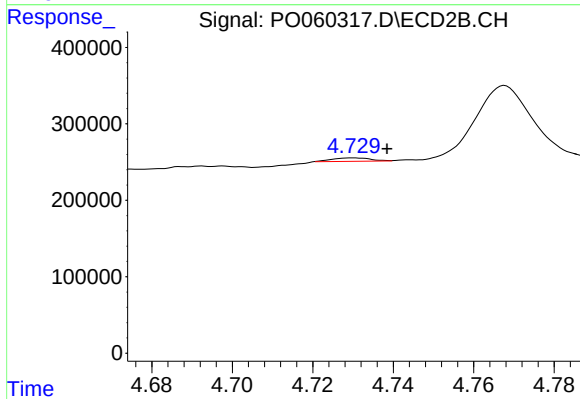
#17 AR-1242-2

R.T.: 4.555 min
Delta R.T.: -0.011 min
Response: 134883
Conc: 88.56 ng/ml



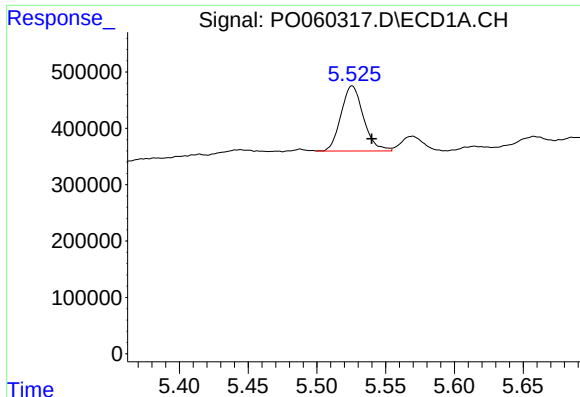
#18 AR-1242-3

R.T.: 5.341 min
Delta R.T.: -0.015 min
Response: -906490
Conc: N.D.



#18 AR-1242-3

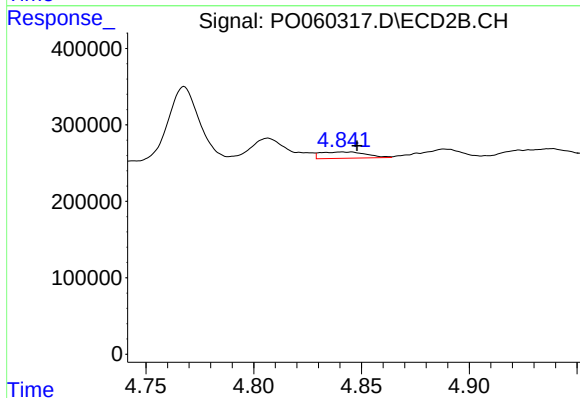
R.T.: 4.730 min
Delta R.T.: -0.008 min
Response: 29953
Conc: 35.85 ng/ml



#19 AR-1242-4

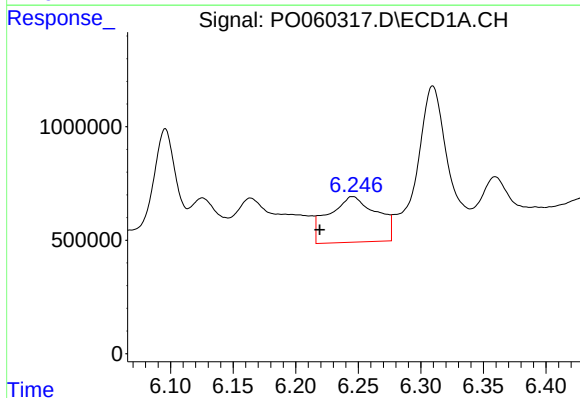
R.T.: 5.526 min
Delta R.T.: -0.014 min
Response: 1314588
Conc: 1358.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



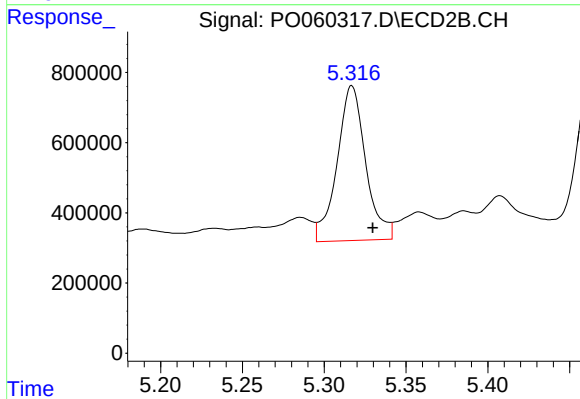
#19 AR-1242-4

R.T.: 4.841 min
Delta R.T.: -0.007 min
Response: 123982
Conc: 148.59 ng/ml



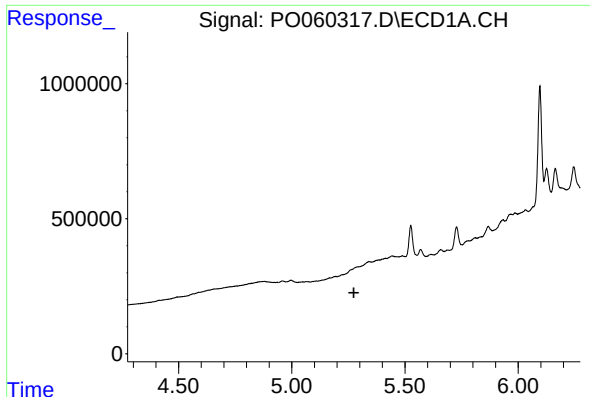
#20 AR-1242-5

R.T.: 6.245 min
Delta R.T.: 0.026 min
Response: 5364308
Conc: 4268.91 ng/ml



#20 AR-1242-5

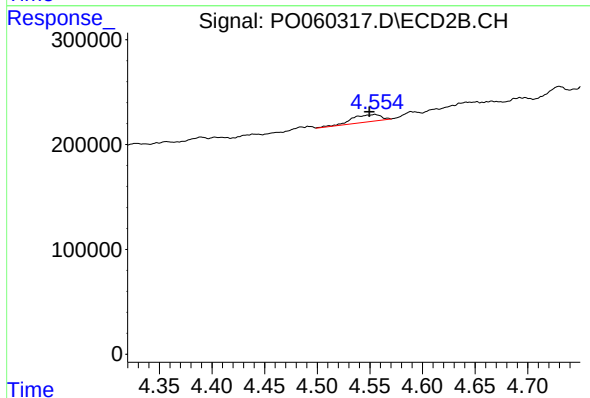
R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 5367048
Conc: 4797.99 ng/ml



#21 AR-1248-1

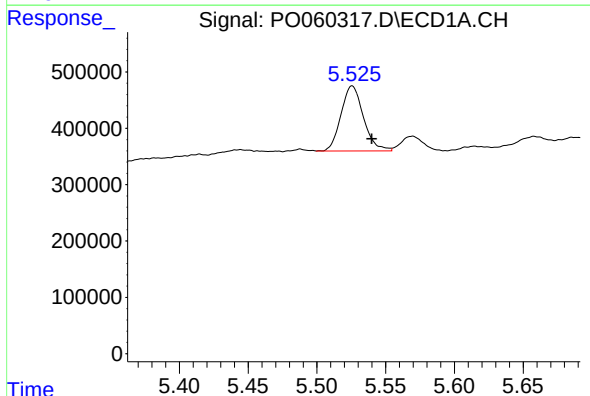
R.T.: 5.341 min
Delta R.T.: 0.067 min
Response: -906490
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



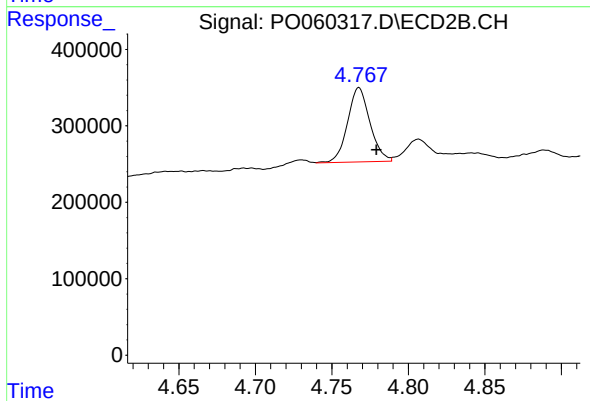
#21 AR-1248-1

R.T.: 4.555 min
Delta R.T.: 0.005 min
Response: 134883
Conc: 162.90 ng/ml



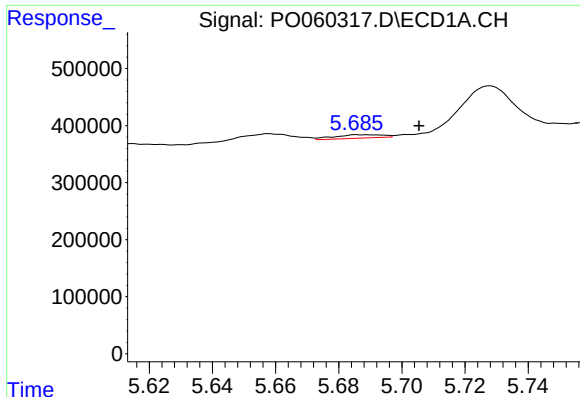
#22 AR-1248-2

R.T.: 5.526 min
Delta R.T.: -0.014 min
Response: 1314588
Conc: 906.05 ng/ml



#22 AR-1248-2

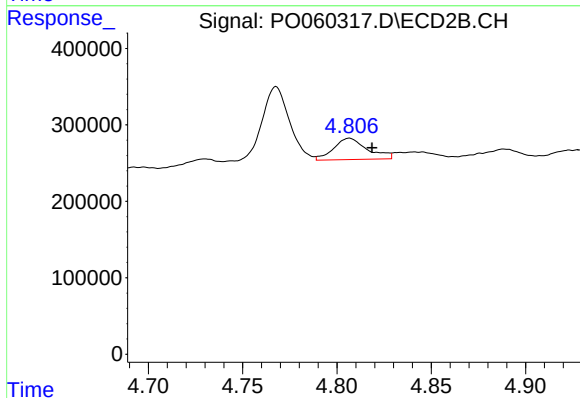
R.T.: 4.768 min
Delta R.T.: -0.011 min
Response: 992847
Conc: 861.00 ng/ml



#23 AR-1248-3

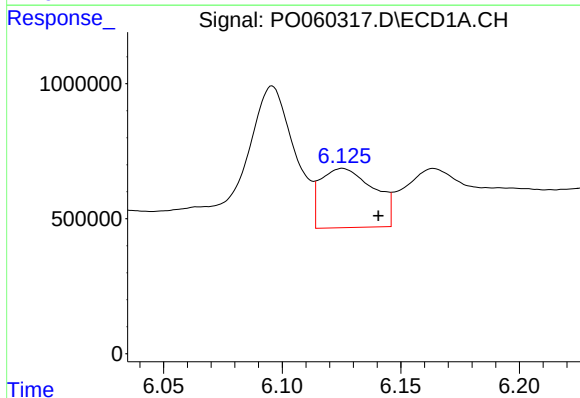
R.T.: 5.687 min
Delta R.T.: -0.019 min
Response: 65479
Conc: 39.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



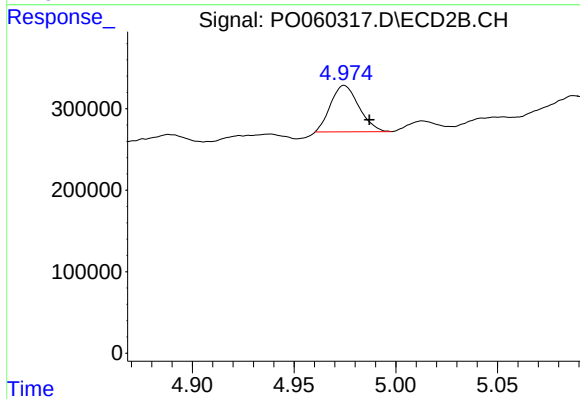
#23 AR-1248-3

R.T.: 4.807 min
Delta R.T.: -0.012 min
Response: 348564
Conc: 293.47 ng/ml



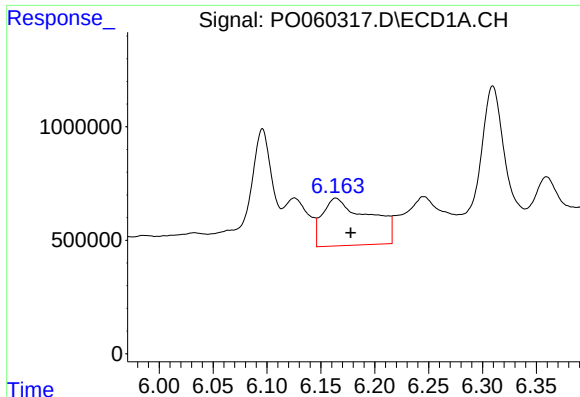
#24 AR-1248-4

R.T.: 6.125 min
Delta R.T.: -0.015 min
Response: 3420217
Conc: 1673.21 ng/ml



#24 AR-1248-4

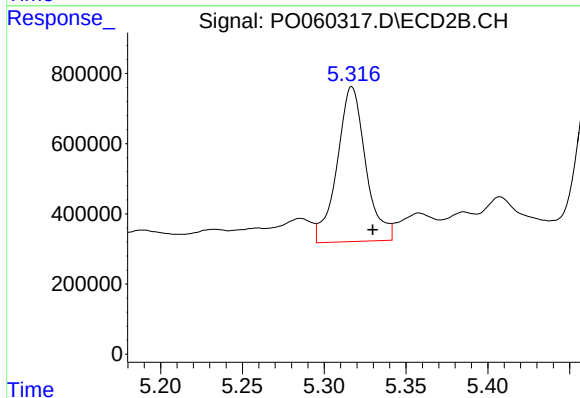
R.T.: 4.975 min
Delta R.T.: -0.012 min
Response: 551719
Conc: 379.69 ng/ml



#25 AR-1248-5

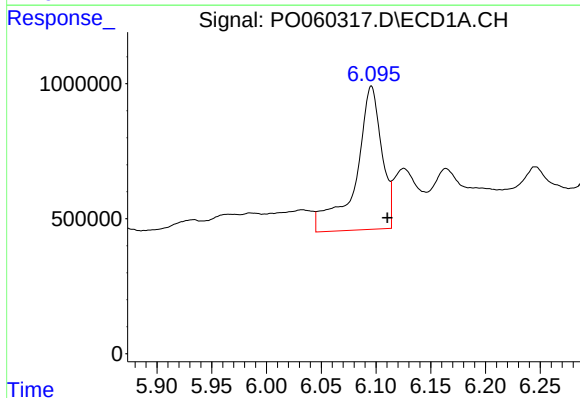
R.T.: 6.164 min
Delta R.T.: -0.014 min
Response: 6325348
Conc: 3189.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



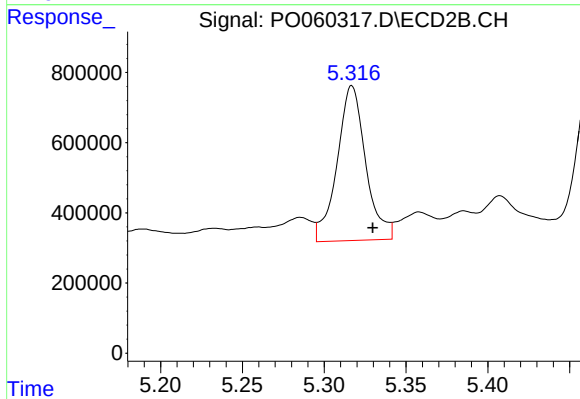
#25 AR-1248-5

R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 5367048
Conc: 3749.81 ng/ml



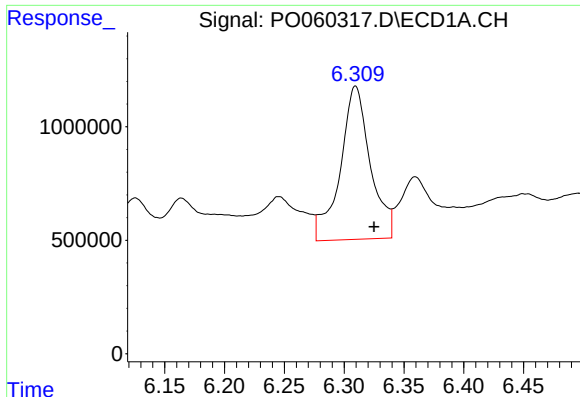
#26 AR-1254-1

R.T.: 6.096 min
Delta R.T.: -0.015 min
Response: 8764996
Conc: 4200.98 ng/ml



#26 AR-1254-1

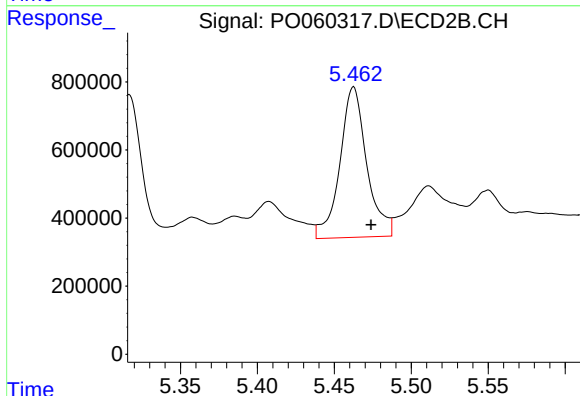
R.T.: 5.317 min
Delta R.T.: -0.013 min
Response: 5367048
Conc: 2262.86 ng/ml



#27 AR-1254-2

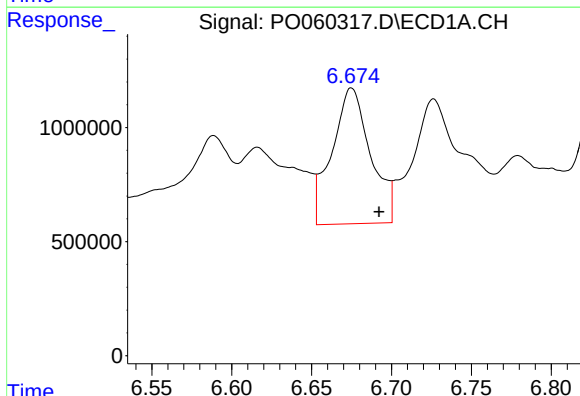
R.T.: 6.310 min
Delta R.T.: -0.016 min
Response: 11829195
Conc: 3545.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



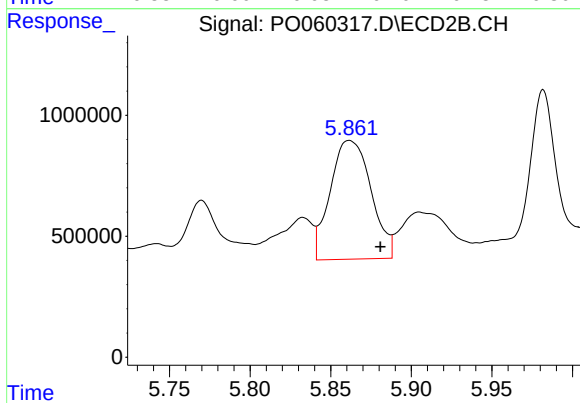
#27 AR-1254-2

R.T.: 5.463 min
Delta R.T.: -0.011 min
Response: 5356859
Conc: 2552.95 ng/ml



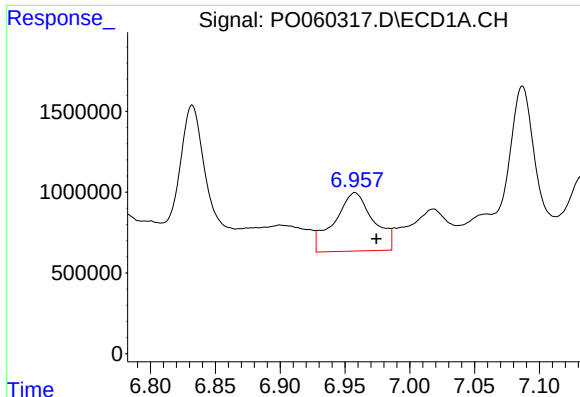
#28 AR-1254-3

R.T.: 6.675 min
Delta R.T.: -0.017 min
Response: 10024569
Conc: 2825.05 ng/ml



#28 AR-1254-3

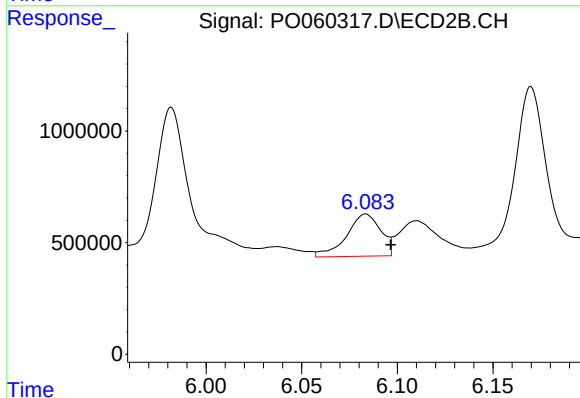
R.T.: 5.862 min
Delta R.T.: -0.019 min
Response: 8645560
Conc: 2571.16 ng/ml



#29 AR-1254-4

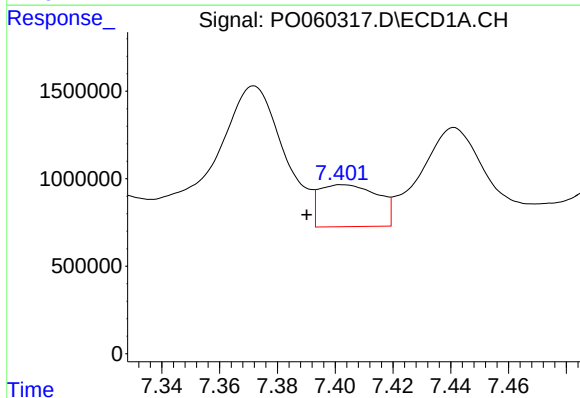
R.T.: 6.958 min
Delta R.T.: -0.016 min
Response: 7573930
Conc: 2571.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



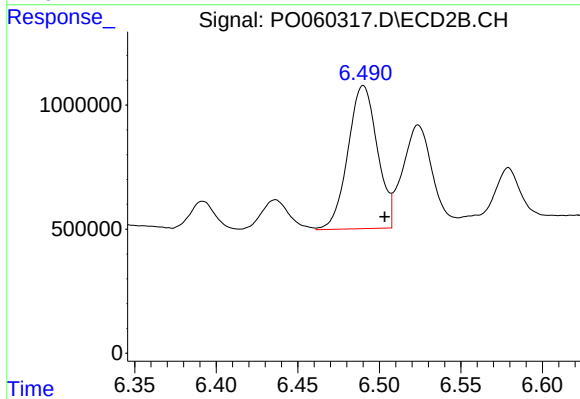
#29 AR-1254-4

R.T.: 6.084 min
Delta R.T.: -0.013 min
Response: 2353507
Conc: 1141.47 ng/ml



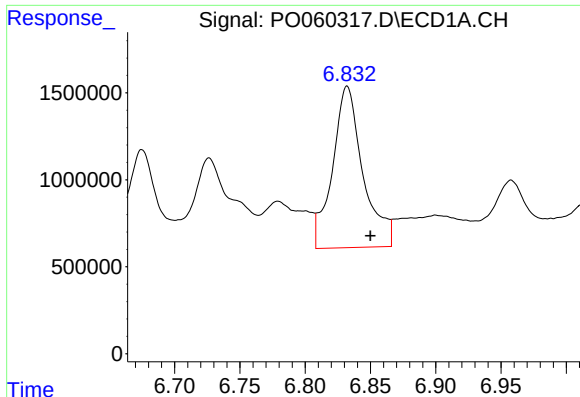
#30 AR-1254-5

R.T.: 7.403 min
Delta R.T.: 0.013 min
Response: 3365629
Conc: 1088.36 ng/ml



#30 AR-1254-5

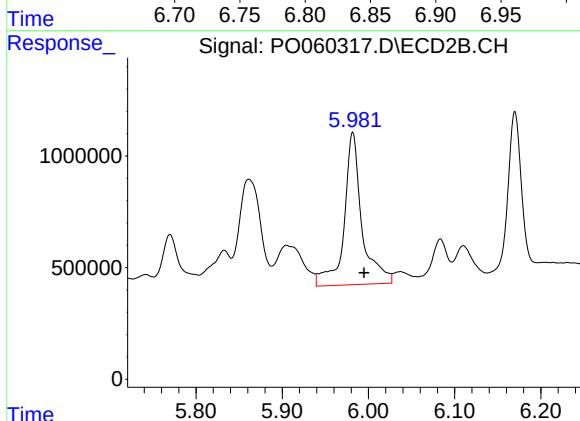
R.T.: 6.490 min
Delta R.T.: -0.013 min
Response: 7233319
Conc: 2329.59 ng/ml



#31 AR-1260-1

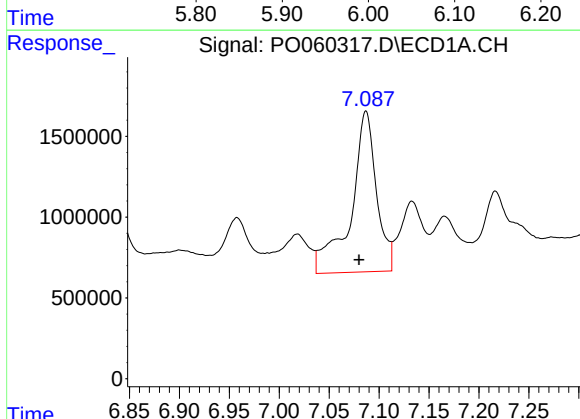
R.T.: 6.832 min
Delta R.T.: -0.018 min
Response: 15084215
Conc: 5595.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



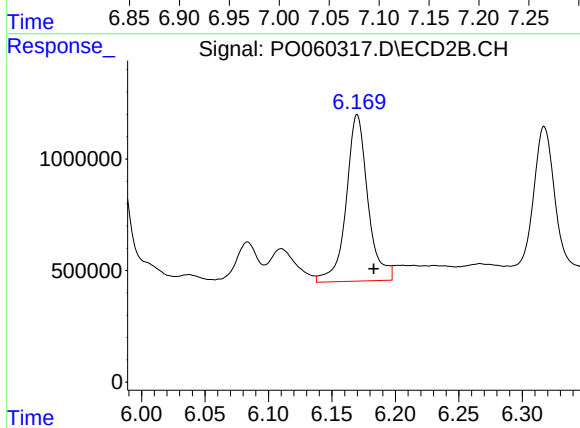
#31 AR-1260-1

R.T.: 5.982 min
Delta R.T.: -0.013 min
Response: 9838207
Conc: 4317.08 ng/ml



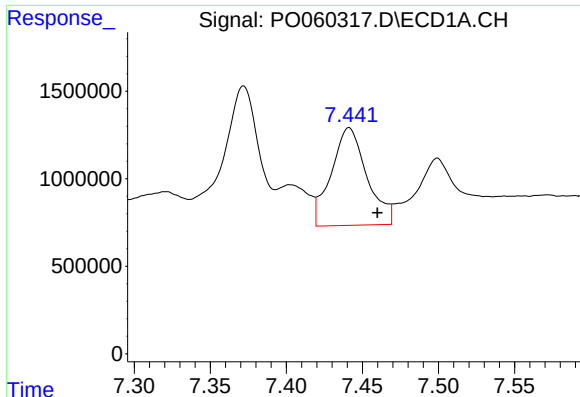
#32 AR-1260-2

R.T.: 7.087 min
Delta R.T.: 0.007 min
Response: 17699941
Conc: 4770.26 ng/ml



#32 AR-1260-2

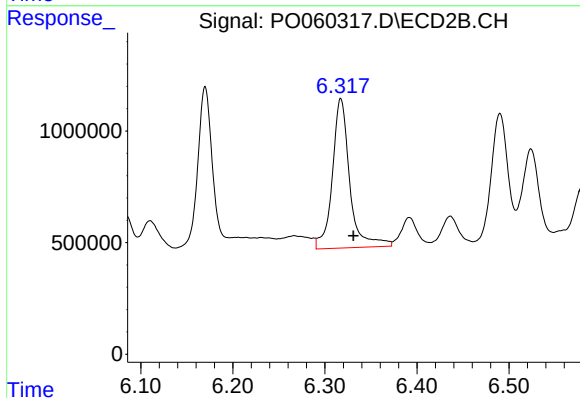
R.T.: 6.170 min
Delta R.T.: -0.013 min
Response: 8870923
Conc: 3027.75 ng/ml



#33 AR-1260-3

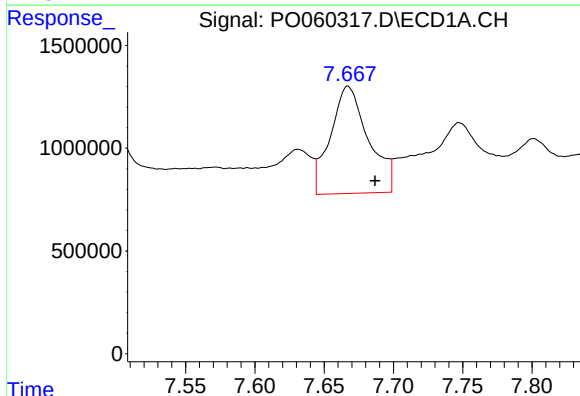
R.T.: 7.441 min
Delta R.T.: -0.018 min
Response: 9128307
Conc: 2786.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



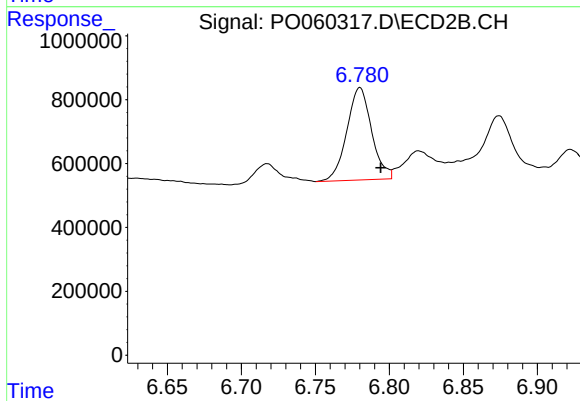
#33 AR-1260-3

R.T.: 6.317 min
Delta R.T.: -0.013 min
Response: 8791701
Conc: 3318.70 ng/ml



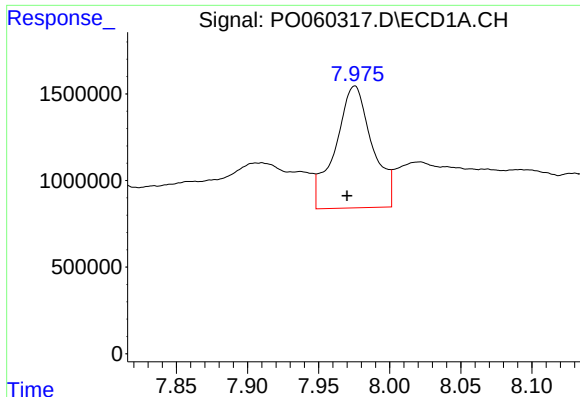
#34 AR-1260-4

R.T.: 7.667 min
Delta R.T.: -0.020 min
Response: 9977621
Conc: 3248.64 ng/ml



#34 AR-1260-4

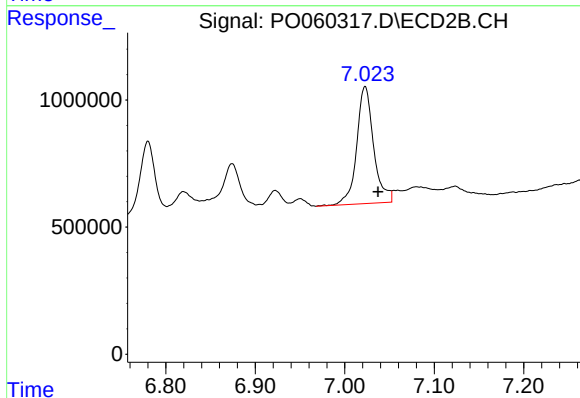
R.T.: 6.780 min
Delta R.T.: -0.014 min
Response: 3368473
Conc: 1488.78 ng/ml



#35 AR-1260-5

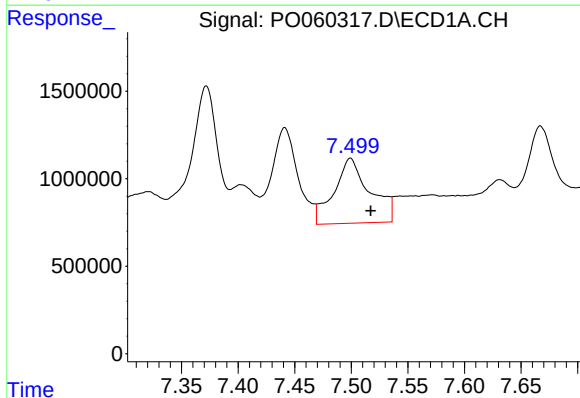
R.T.: 7.975 min
Delta R.T.: 0.005 min
Response: 12729587
Conc: 1797.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



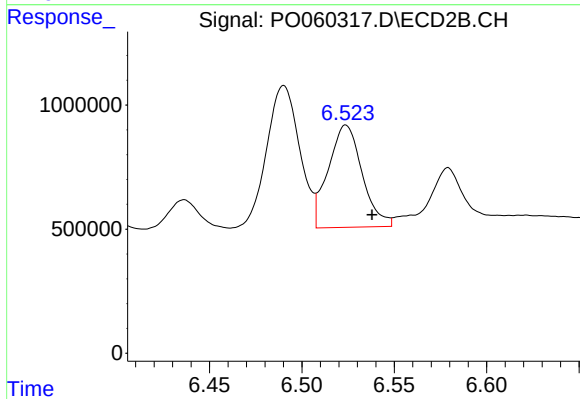
#35 AR-1260-5

R.T.: 7.023 min
Delta R.T.: -0.014 min
Response: 6074961
Conc: 1103.87 ng/ml



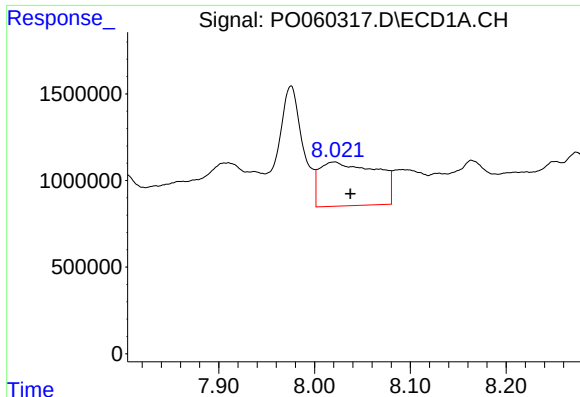
#36 AR-1262-1

R.T.: 7.499 min
Delta R.T.: -0.018 min
Response: 8191341
Conc: 1687.93 ng/ml



#36 AR-1262-1

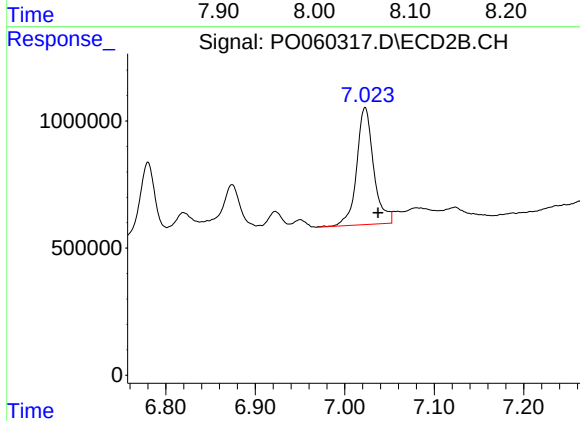
R.T.: 6.524 min
Delta R.T.: -0.014 min
Response: 5269072
Conc: 1413.55 ng/ml



#37 AR-1262-2

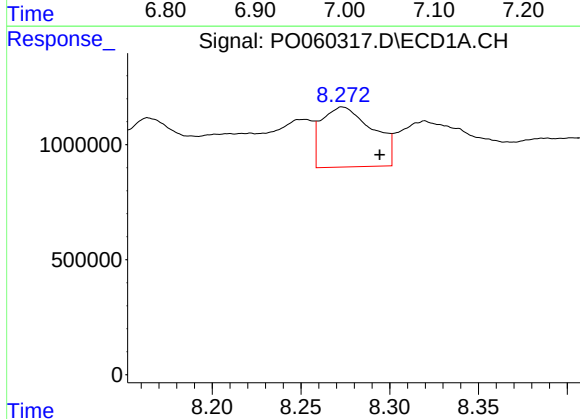
R.T.: 8.021 min
Delta R.T.: -0.017 min
Response: 10510824
Conc: 1362.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



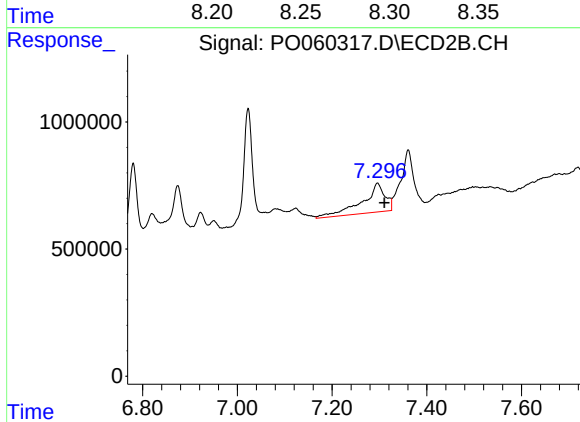
#37 AR-1262-2

R.T.: 7.023 min
Delta R.T.: -0.014 min
Response: 6074961
Conc: 1033.32 ng/ml



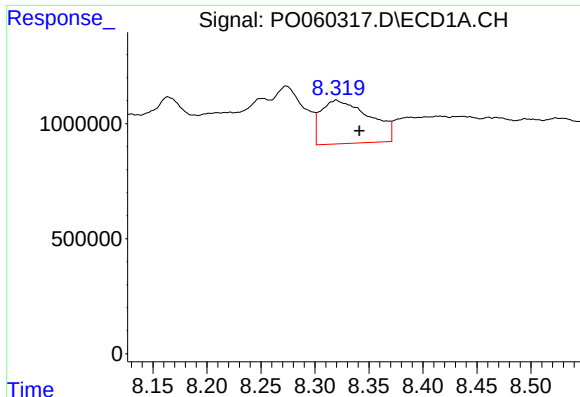
#38 AR-1262-3

R.T.: 8.273 min
Delta R.T.: -0.021 min
Response: 5231258
Conc: 1025.27 ng/ml



#38 AR-1262-3

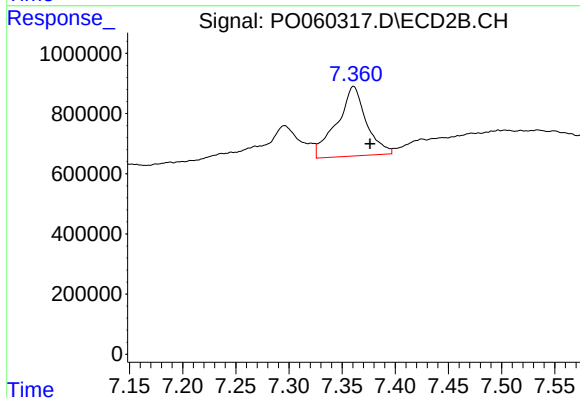
R.T.: 7.296 min
Delta R.T.: -0.014 min
Response: 3800778
Conc: 1495.80 ng/ml



#39 AR-1262-4

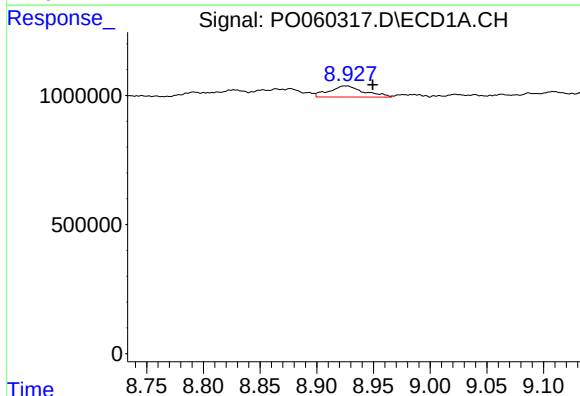
R.T.: 8.320 min
Delta R.T.: -0.021 min
Response: 5922664
Conc: 1536.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



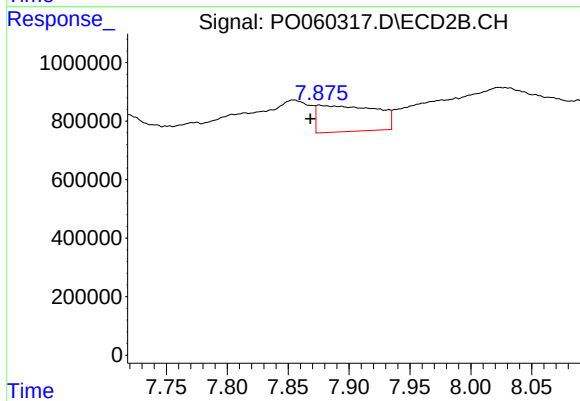
#39 AR-1262-4

R.T.: 7.361 min
Delta R.T.: -0.015 min
Response: 4440488
Conc: 1004.87 ng/ml



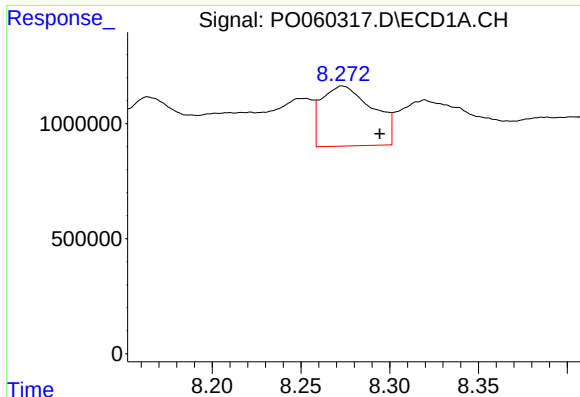
#40 AR-1262-5

R.T.: 8.925 min
Delta R.T.: -0.024 min
Response: 918861
Conc: 358.01 ng/ml



#40 AR-1262-5

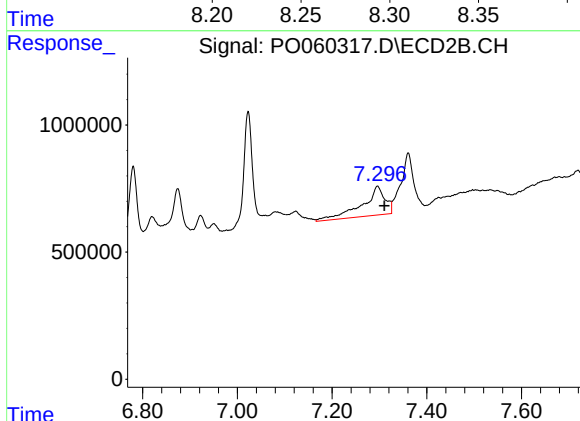
R.T.: 7.875 min
Delta R.T.: 0.007 min
Response: 3024821
Conc: 1675.28 ng/ml



#41 AR-1268-1

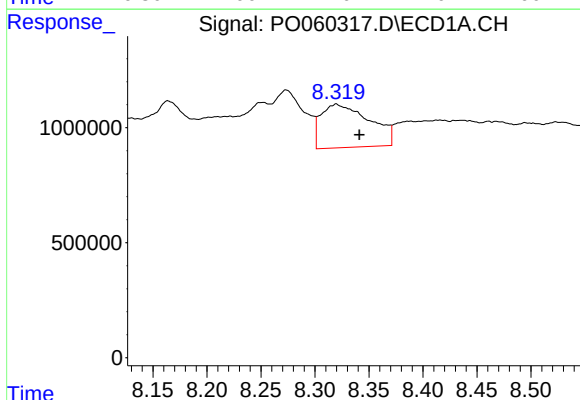
R.T.: 8.273 min
Delta R.T.: -0.021 min
Response: 5231258
Conc: 555.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



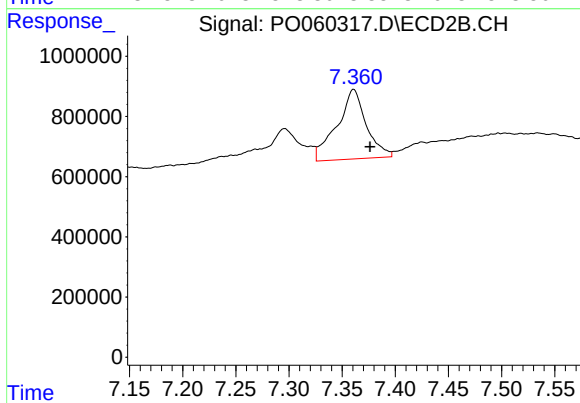
#41 AR-1268-1

R.T.: 7.296 min
Delta R.T.: -0.014 min
Response: 3800778
Conc: 533.75 ng/ml



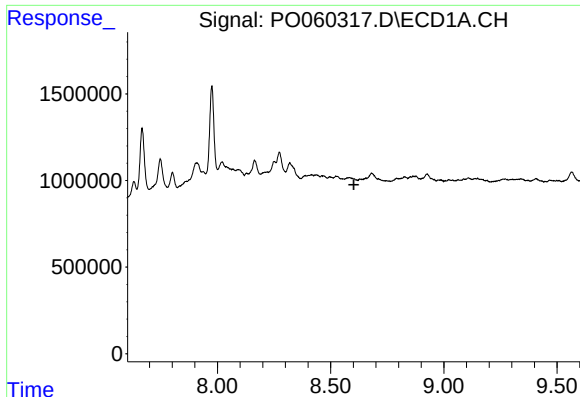
#42 AR-1268-2

R.T.: 8.320 min
Delta R.T.: -0.021 min
Response: 5922664
Conc: 751.35 ng/ml



#42 AR-1268-2

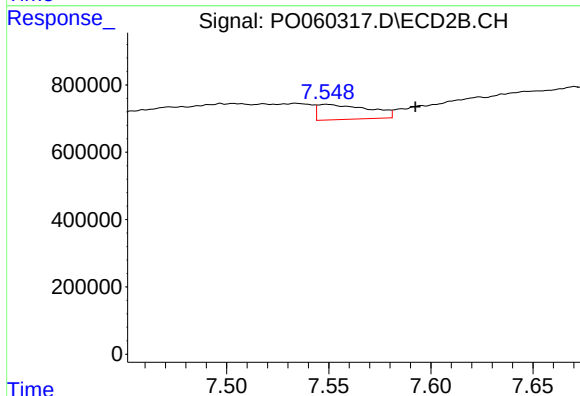
R.T.: 7.361 min
Delta R.T.: -0.015 min
Response: 4440488
Conc: 688.66 ng/ml



#43 AR-1268-3

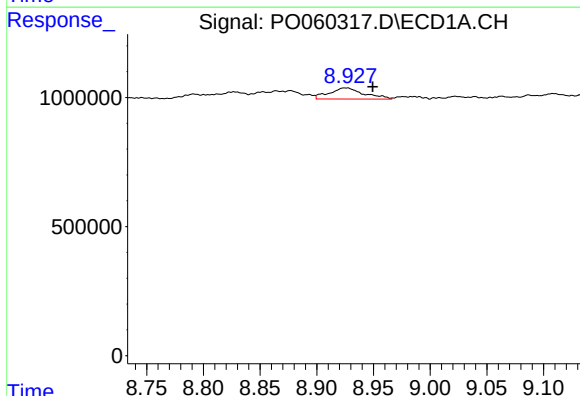
R.T.: 0.000 min
Exp R.T.: 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



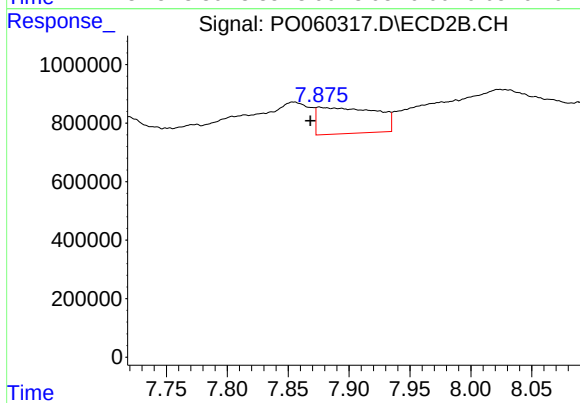
#43 AR-1268-3

R.T.: 7.549 min
Delta R.T.: -0.043 min
Response: 783602
Conc: 143.21 ng/ml



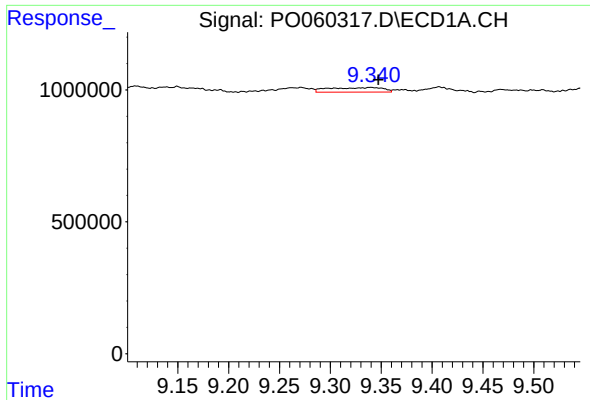
#44 AR-1268-4

R.T.: 8.925 min
Delta R.T.: -0.024 min
Response: 918861
Conc: 330.52 ng/ml



#44 AR-1268-4

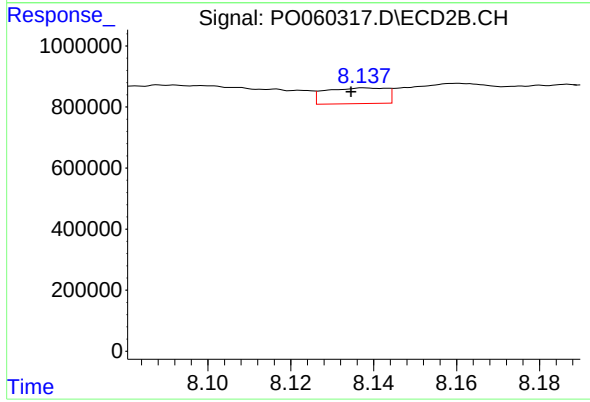
R.T.: 7.875 min
Delta R.T.: 0.007 min
Response: 3024821
Conc: 1481.81 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.008 min
Response: 631843
Conc: 34.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
7-6-FSC-1



#45 AR-1268-5

R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 523023
Conc: 36.00 ng/ml