

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092319\
 Data File : P0061278.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Sep 2019 17:50
 Operator : SM/AJ
 Sample : K4980-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SAND-STOCKPILE-1

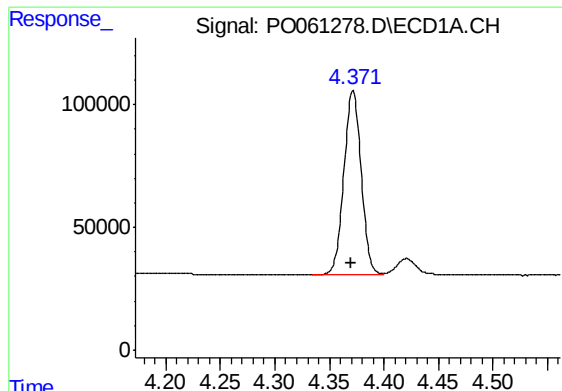
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:29:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.372	3.532	832380	667949	22.625	23.922
2)	SA Decachlor...	10.040	8.409	1060373	753969	23.079	21.510
Target Compounds							
6)	L1 AR-1016-4	5.693	4.817	10418	32406	8.832	39.591 #
7)	L1 AR-1016-5	6.010	5.022	34983	18462	27.907	17.627 #
8)	L2 AR-1221-1	0.000	3.689	0	66924	N.D.	189.061 #
9)	L2 AR-1221-2	4.659	3.821	13023	12027	38.128	42.796
10)	L2 AR-1221-3	4.708	3.938	85025	62324	80.272	75.083
11)	L3 AR-1232-1	4.708	3.938	85025	62324	72.872	68.387
12)	L3 AR-1232-2	5.290	4.604	23565	10627	36.343	10.525 #
14)	L3 AR-1232-4	5.693	4.857	10418	10440	15.161	19.991 #
15)	L3 AR-1232-5	5.808	5.022	33586	18462	61.334	32.622 #
19)	L4 AR-1242-4	5.693	4.857	10418	10440	11.801	14.336
20)	L4 AR-1242-5	6.456	5.366	63236	136865	56.426	138.261 #
22)	L5 AR-1248-2	5.808	4.817	33586	32406	25.116	33.540 #
23)	L5 AR-1248-3	6.010	4.857	34983	10440	23.115	10.366 #
24)	L5 AR-1248-4	6.415	5.022	32105	18462	17.622	15.373
25)	L5 AR-1248-5	6.456	5.406	63236	15337	36.143	12.133 #
26)	L6 AR-1254-1	6.386	5.366	127315	136865	66.081	66.409
27)	L6 AR-1254-2	6.605	5.510	213237	105054	67.761	55.672
28)	L6 AR-1254-3	6.970	5.904	359063	314906	101.949	99.042
29)	L6 AR-1254-4	7.255	6.128	107481	84823	39.704	40.742
30)	L6 AR-1254-5	7.672	6.539	321508	285562	109.029	90.228
31)	L7 AR-1260-1	7.132	6.033	195015	239376	80.101	113.804 #
32)	L7 AR-1260-2	7.388	6.217	252237	156825	83.430	60.797 #
33)	L7 AR-1260-3	7.745	6.367	105571	153797	44.238	63.867 #
34)	L7 AR-1260-4	7.966	6.832	235664	83647	84.235	39.083 #
35)	L7 AR-1260-5	8.286	7.071	468079	178378	85.960	36.912 #
36)	L8 AR-1262-1	7.745	6.576	105571	77689	29.887	26.010
37)	L8 AR-1262-2	8.286	7.071	468079	178378	75.079	34.307 #
38)	L8 AR-1262-3	8.608	7.351	201325	40526	47.250	19.094 #
39)	L8 AR-1262-4	8.680	7.412	477508	139350	146.457	36.484 #
40)	L8 AR-1262-5	9.316	7.903	48111	42141	23.661	25.177
41)	L9 AR-1268-1	8.608	7.351	201325	40526	27.278	6.913 #
42)	L9 AR-1268-2	8.680	7.412	477508	139350	70.689	26.145 #
43)	L9 AR-1268-3	8.900	7.617	55861	40536	9.947	9.145
44)	L9 AR-1268-4	9.316	7.903	48111	42141	20.857	22.054
45)	L9 AR-1268-5	9.714	8.173	97951	84434	6.175	7.017

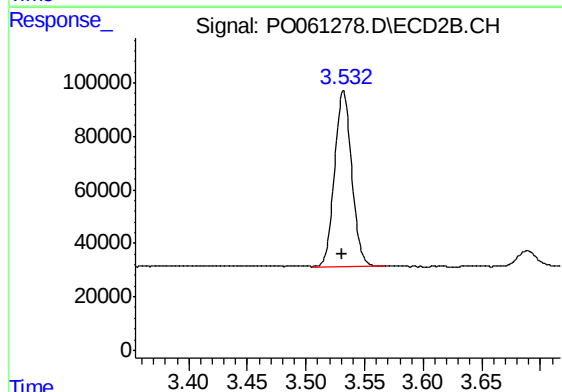
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

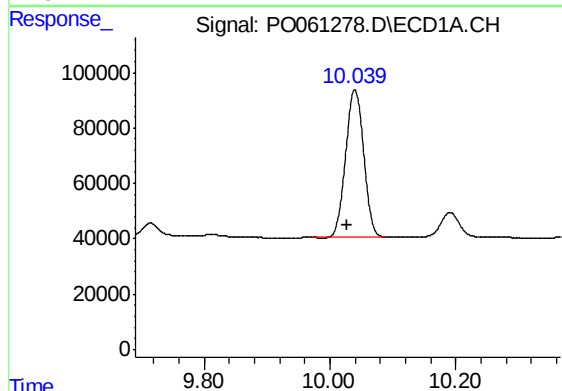
R.T.: 4.372 min
Delta R.T.: 0.002 min
Response: 832380
Conc: 22.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



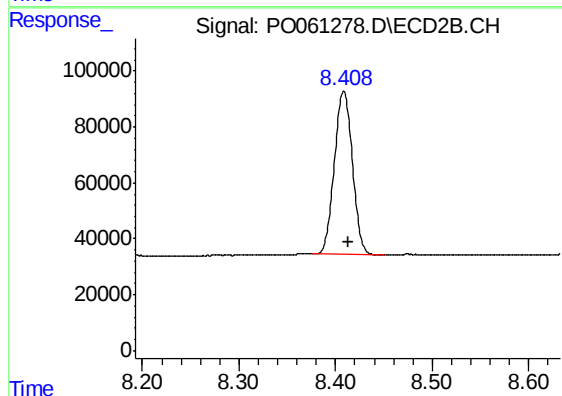
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: 0.000 min
Response: 667949
Conc: 23.92 ng/ml



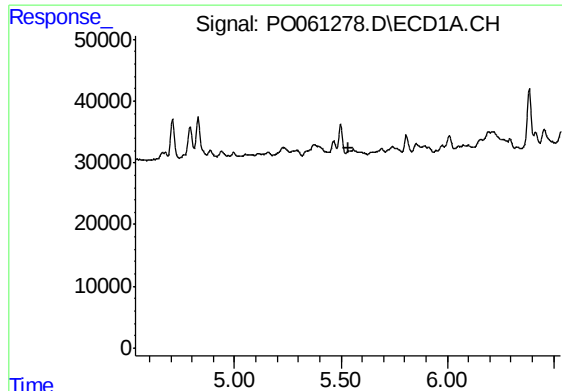
#2 Decachlorobiphenyl

R.T.: 10.040 min
Delta R.T.: 0.012 min
Response: 1060373
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

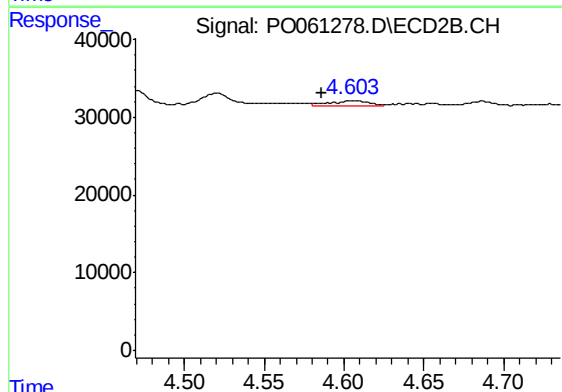
R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 753969
Conc: 21.51 ng/ml



#3 AR-1016-1

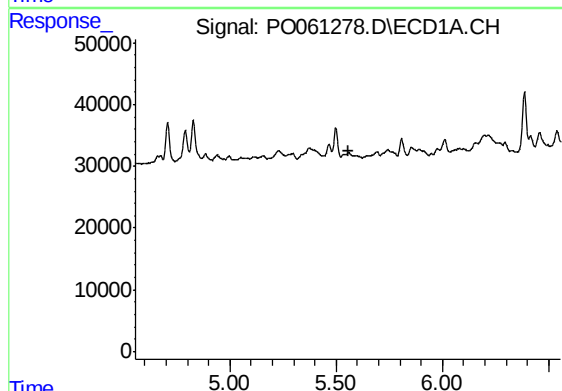
R.T.: 5.559 min
Delta R.T.: 0.026 min
Response: -53484
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



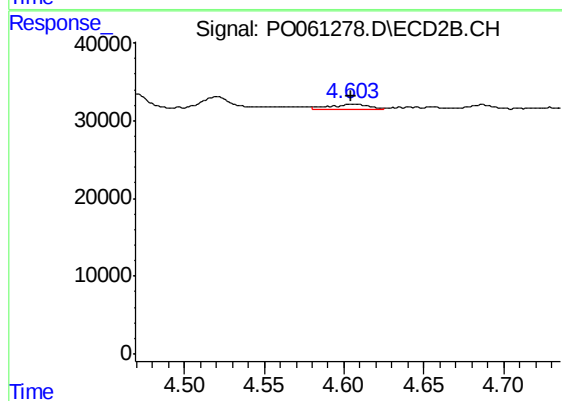
#3 AR-1016-1

R.T.: 4.604 min
Delta R.T.: 0.018 min
Response: 10627
Conc: 8.60 ng/ml



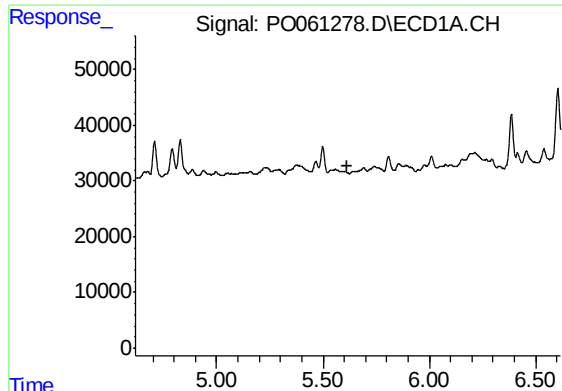
#4 AR-1016-2

R.T.: 5.559 min
Delta R.T.: 0.003 min
Response: -53484
Conc: N.D.



#4 AR-1016-2

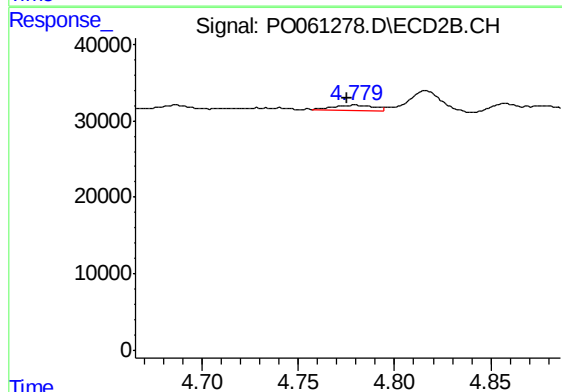
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 10627
Conc: 6.25 ng/ml



#5 AR-1016-3

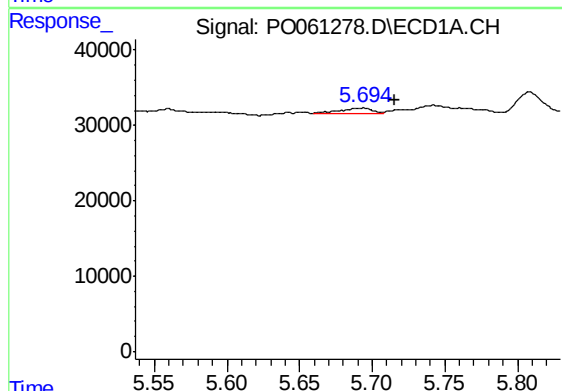
R.T.: 5.559 min
Delta R.T.: -0.058 min
Response: -53484
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



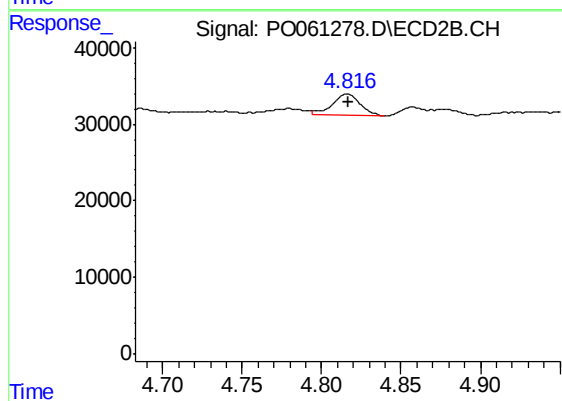
#5 AR-1016-3

R.T.: 4.779 min
Delta R.T.: 0.004 min
Response: 9050
Conc: 9.33 ng/ml



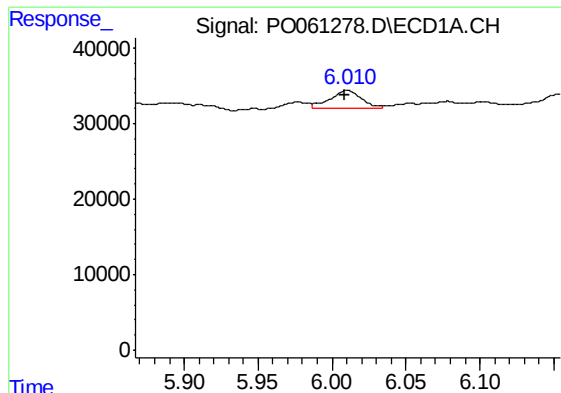
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: -0.022 min
Response: 10418
Conc: 8.83 ng/ml



#6 AR-1016-4

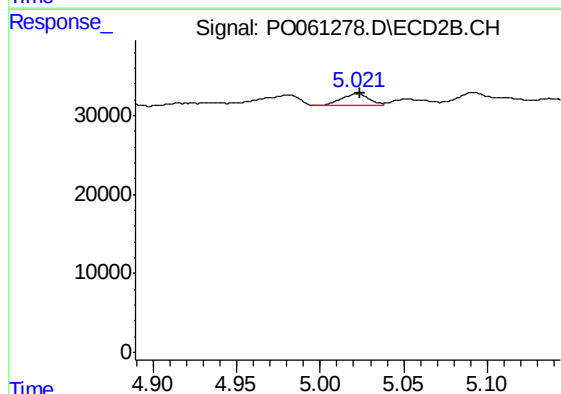
R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 32406
Conc: 39.59 ng/ml



#7 AR-1016-5

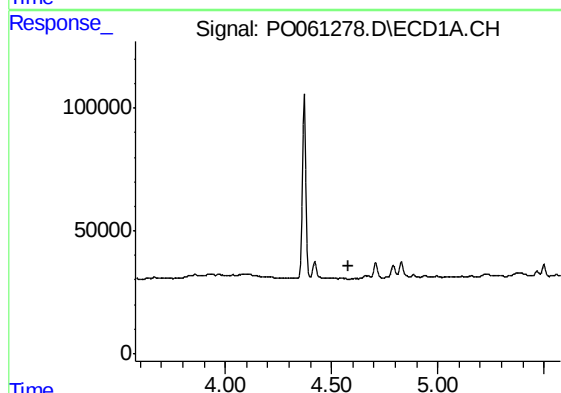
R.T.: 6.010 min
Delta R.T.: 0.002 min
Response: 34983
Conc: 27.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



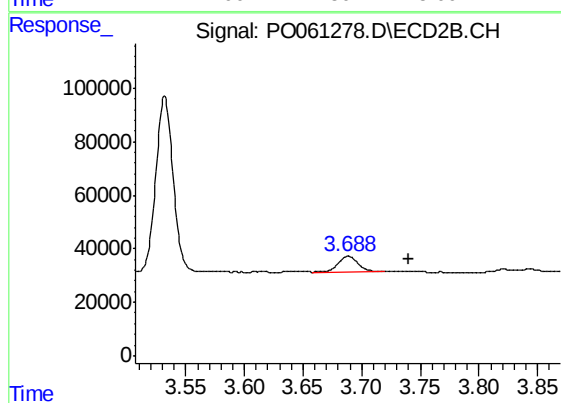
#7 AR-1016-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 18462
Conc: 17.63 ng/ml



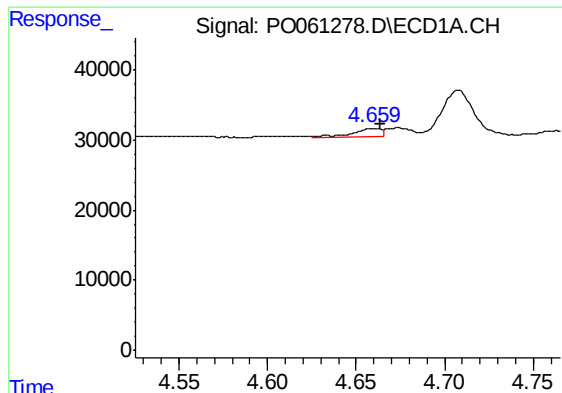
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#8 AR-1221-1

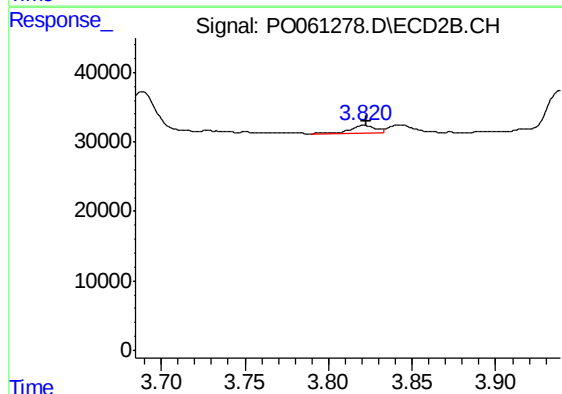
R.T.: 3.689 min
Delta R.T.: -0.052 min
Response: 66924
Conc: 189.06 ng/ml



#9 AR-1221-2

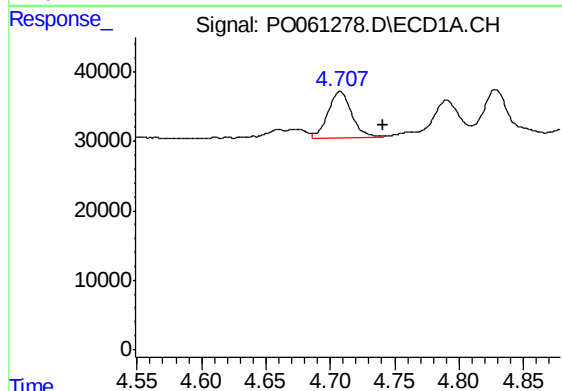
R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 13023
Conc: 38.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



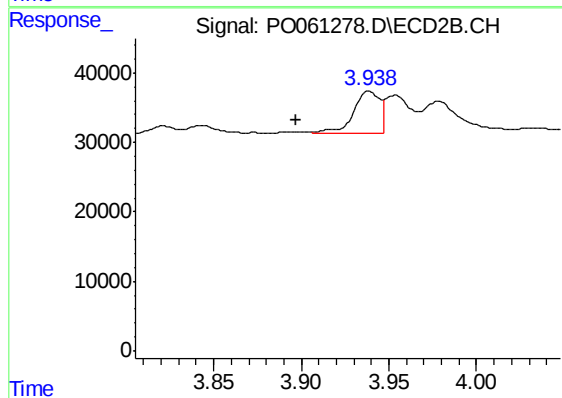
#9 AR-1221-2

R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 12027
Conc: 42.80 ng/ml



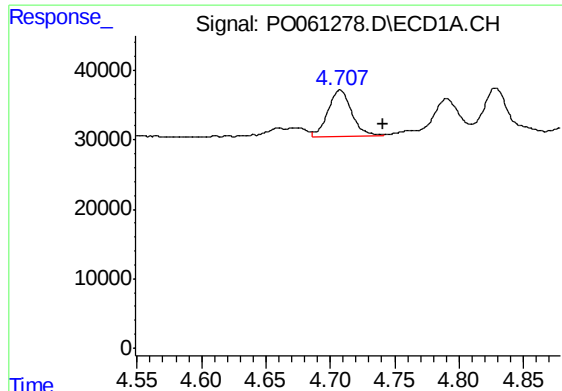
#10 AR-1221-3

R.T.: 4.708 min
Delta R.T.: -0.033 min
Response: 85025
Conc: 80.27 ng/ml



#10 AR-1221-3

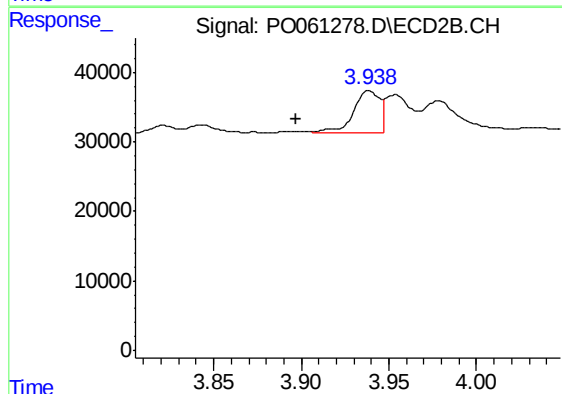
R.T.: 3.938 min
Delta R.T.: 0.041 min
Response: 62324
Conc: 75.08 ng/ml



#11 AR-1232-1

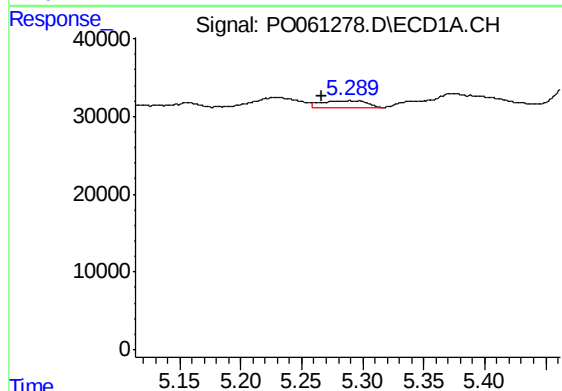
R.T.: 4.708 min
Delta R.T.: -0.033 min
Response: 85025
Conc: 72.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



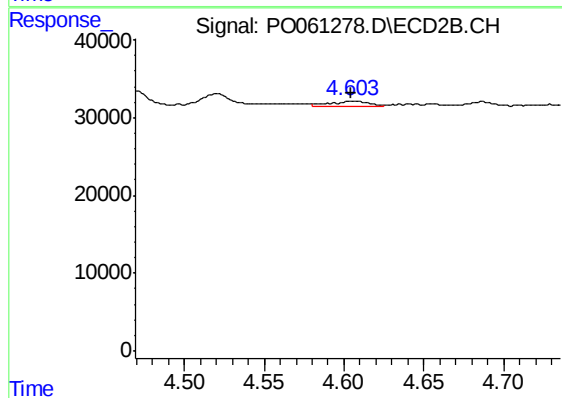
#11 AR-1232-1

R.T.: 3.938 min
Delta R.T.: 0.041 min
Response: 62324
Conc: 68.39 ng/ml



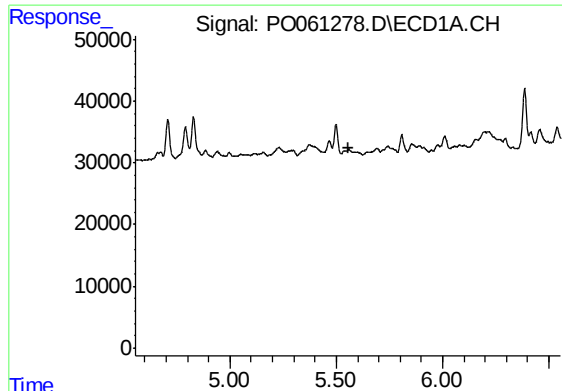
#12 AR-1232-2

R.T.: 5.290 min
Delta R.T.: 0.023 min
Response: 23565
Conc: 36.34 ng/ml



#12 AR-1232-2

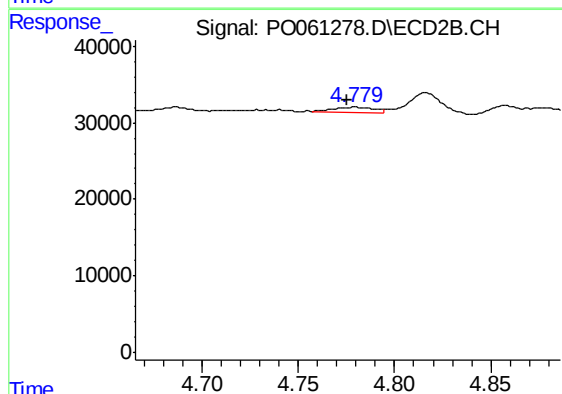
R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 10627
Conc: 10.53 ng/ml



#13 AR-1232-3

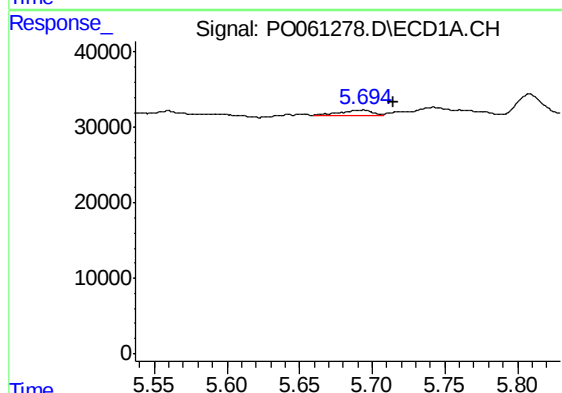
R.T.: 5.559 min
Delta R.T.: 0.004 min
Response: -53484
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



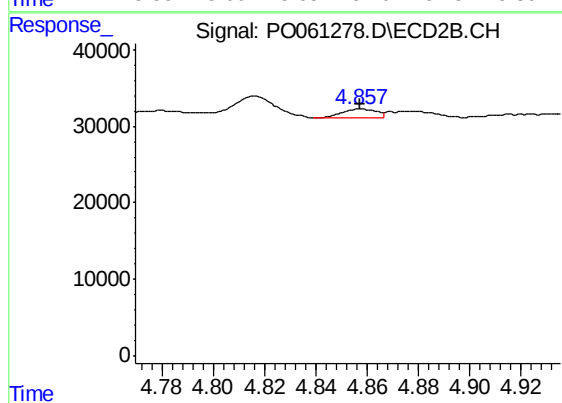
#13 AR-1232-3

R.T.: 4.779 min
Delta R.T.: 0.004 min
Response: 9050
Conc: 16.13 ng/ml



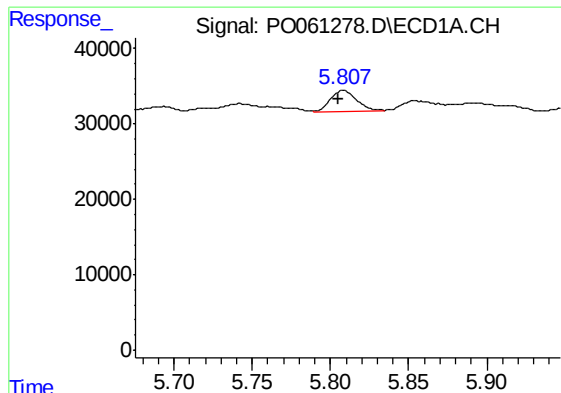
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.021 min
Response: 10418
Conc: 15.16 ng/ml



#14 AR-1232-4

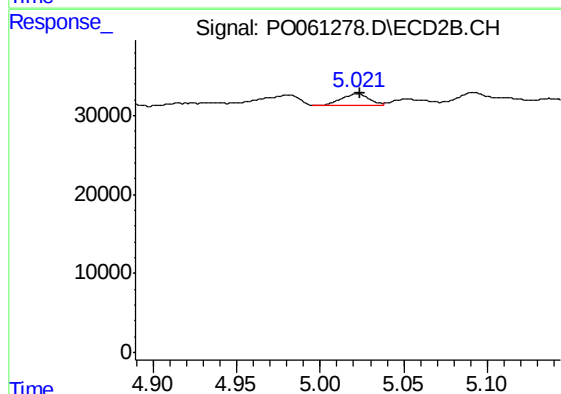
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 10440
Conc: 19.99 ng/ml



#15 AR-1232-5

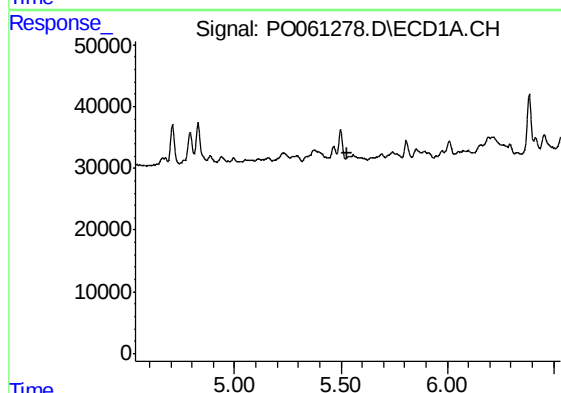
R.T.: 5.808 min
Delta R.T.: 0.003 min
Response: 33586
Conc: 61.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



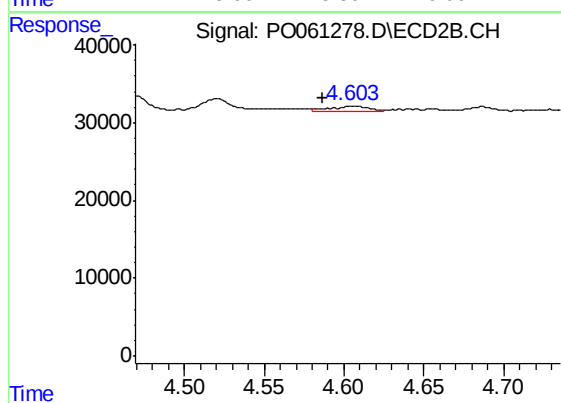
#15 AR-1232-5

R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 18462
Conc: 32.62 ng/ml



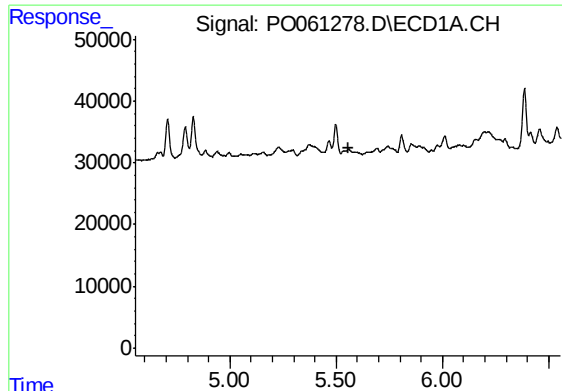
#16 AR-1242-1

R.T.: 5.559 min
Delta R.T.: 0.026 min
Response: -53484
Conc: N.D.



#16 AR-1242-1

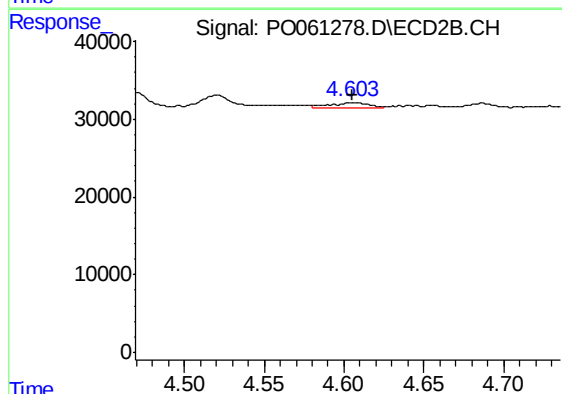
R.T.: 4.604 min
Delta R.T.: 0.017 min
Response: 10627
Conc: 11.67 ng/ml



#17 AR-1242-2

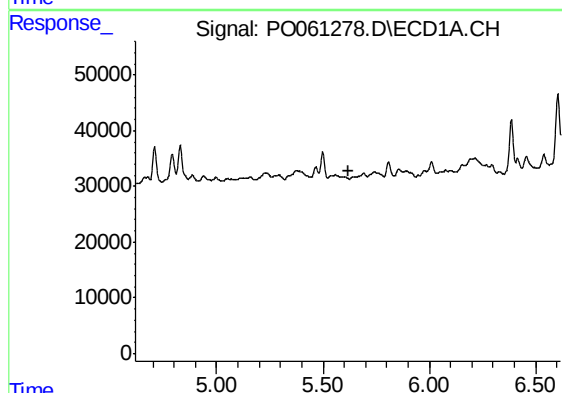
R.T.: 5.559 min
Delta R.T.: 0.003 min
Response: -53484
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



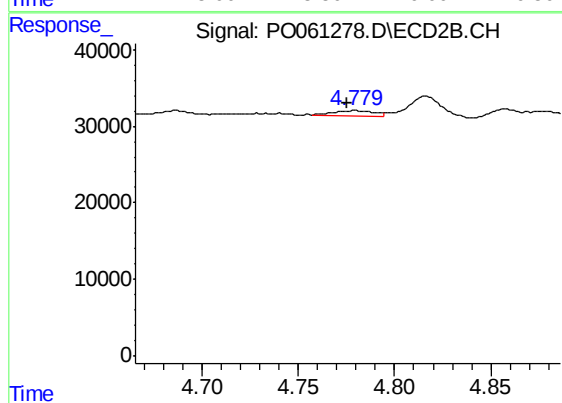
#17 AR-1242-2

R.T.: 4.604 min
Delta R.T.: -0.001 min
Response: 10627
Conc: 8.49 ng/ml



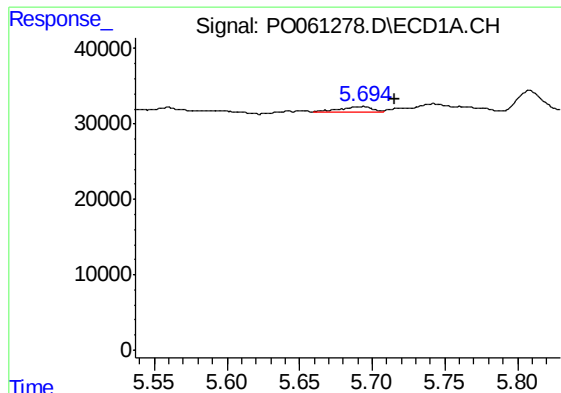
#18 AR-1242-3

R.T.: 5.559 min
Delta R.T.: -0.058 min
Response: -53484
Conc: N.D.



#18 AR-1242-3

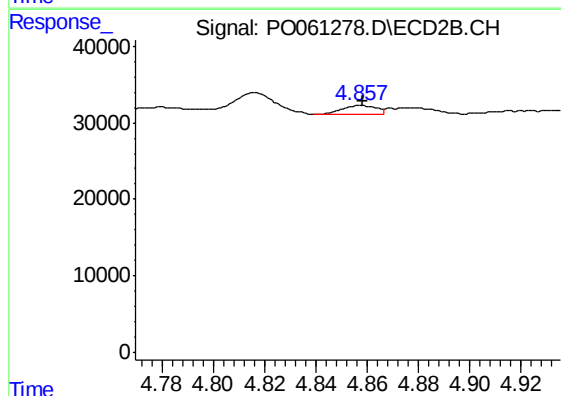
R.T.: 4.779 min
Delta R.T.: 0.004 min
Response: 9050
Conc: 12.67 ng/ml



#19 AR-1242-4

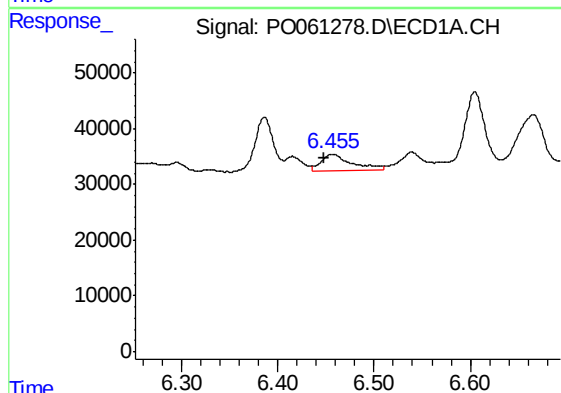
R.T.: 5.693 min
Delta R.T.: -0.022 min
Response: 10418
Conc: 11.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



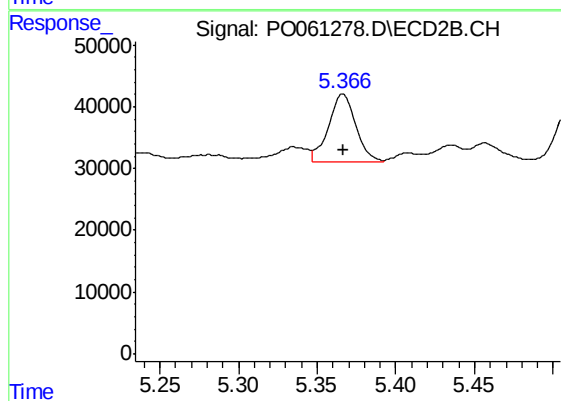
#19 AR-1242-4

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 10440
Conc: 14.34 ng/ml



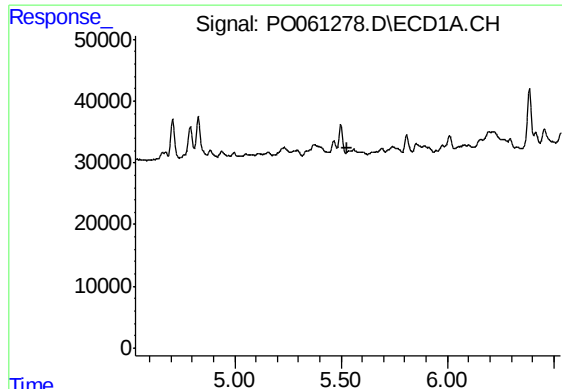
#20 AR-1242-5

R.T.: 6.456 min
Delta R.T.: 0.008 min
Response: 63236
Conc: 56.43 ng/ml



#20 AR-1242-5

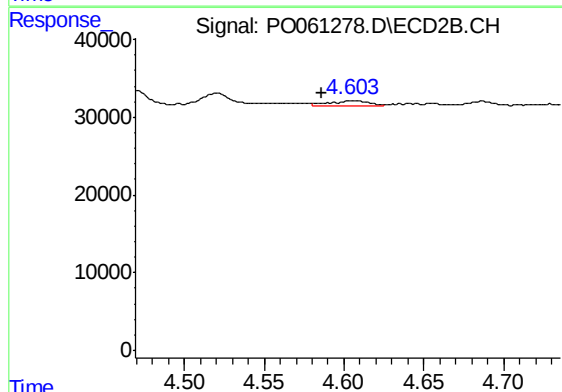
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 136865
Conc: 138.26 ng/ml



#21 AR-1248-1

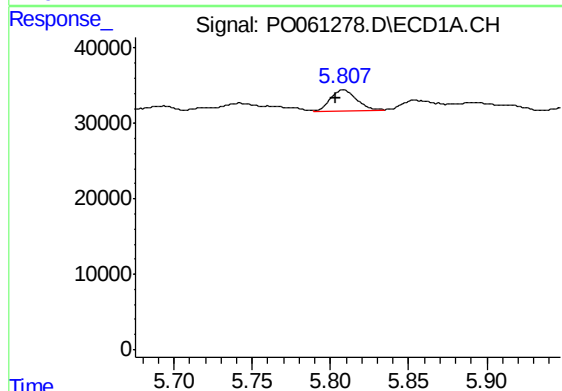
R.T.: 5.559 min
Delta R.T.: 0.027 min
Response: -53484
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



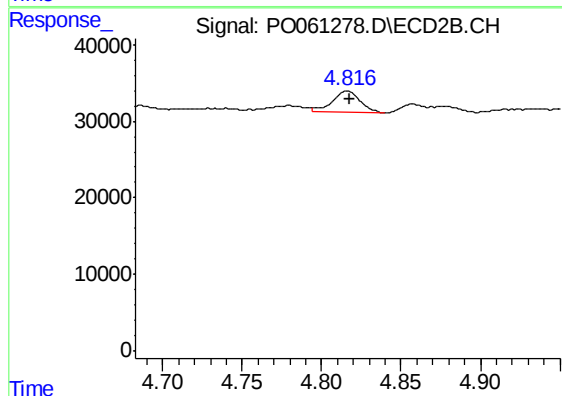
#21 AR-1248-1

R.T.: 4.604 min
Delta R.T.: 0.018 min
Response: 10627
Conc: 14.98 ng/ml



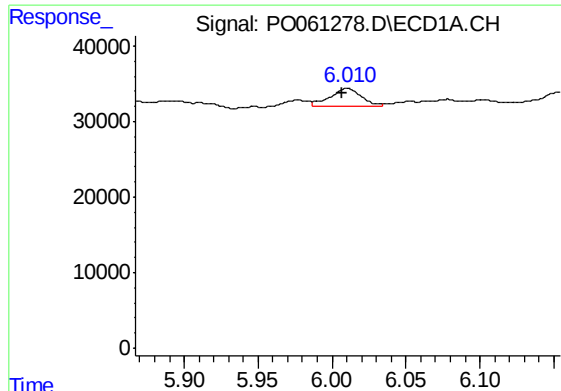
#22 AR-1248-2

R.T.: 5.808 min
Delta R.T.: 0.005 min
Response: 33586
Conc: 25.12 ng/ml



#22 AR-1248-2

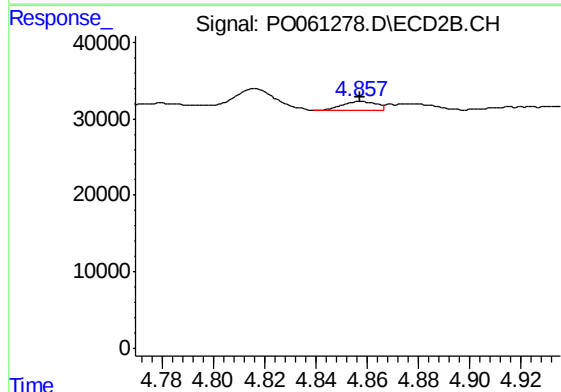
R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 32406
Conc: 33.54 ng/ml



#23 AR-1248-3

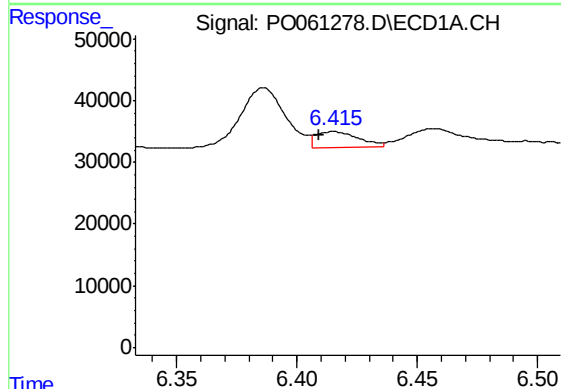
R.T.: 6.010 min
Delta R.T.: 0.003 min
Response: 34983
Conc: 23.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



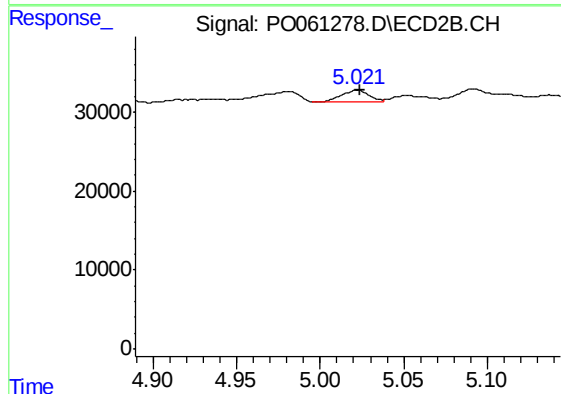
#23 AR-1248-3

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 10440
Conc: 10.37 ng/ml



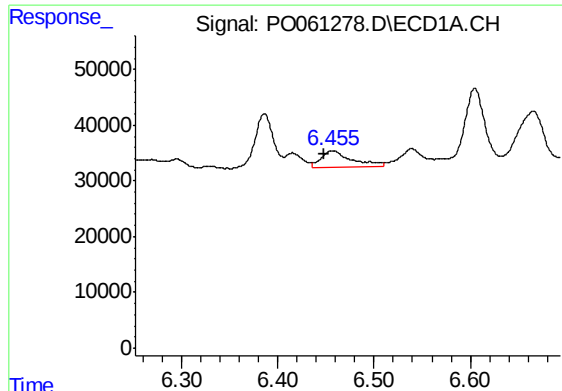
#24 AR-1248-4

R.T.: 6.415 min
Delta R.T.: 0.006 min
Response: 32105
Conc: 17.62 ng/ml



#24 AR-1248-4

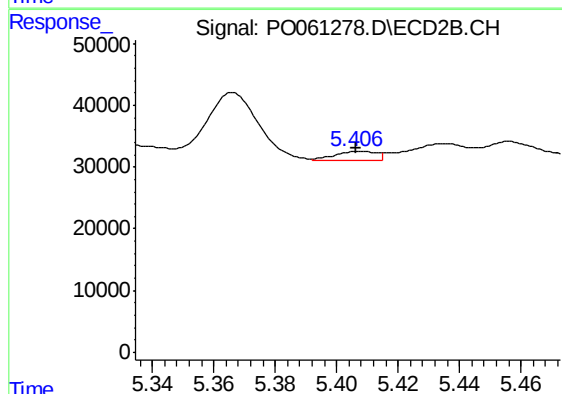
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 18462
Conc: 15.37 ng/ml



#25 AR-1248-5

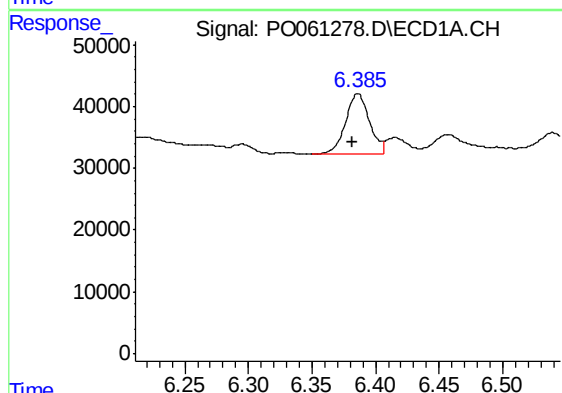
R.T.: 6.456 min
Delta R.T.: 0.009 min
Response: 63236
Conc: 36.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



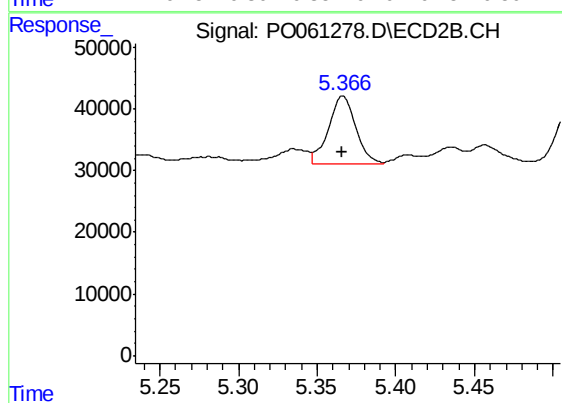
#25 AR-1248-5

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 15337
Conc: 12.13 ng/ml



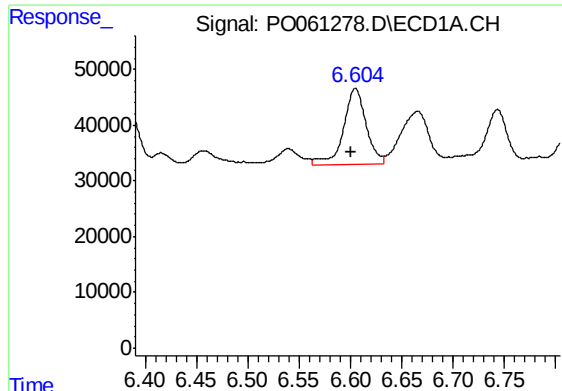
#26 AR-1254-1

R.T.: 6.386 min
Delta R.T.: 0.004 min
Response: 127315
Conc: 66.08 ng/ml



#26 AR-1254-1

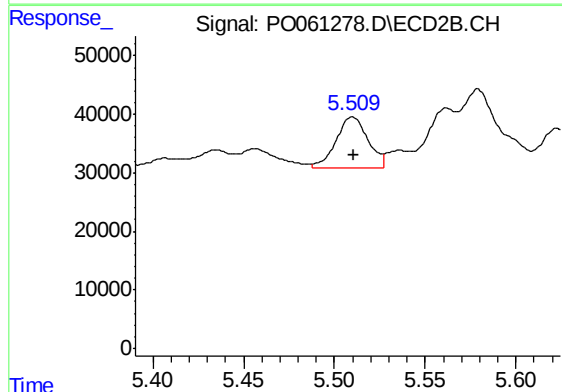
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 136865
Conc: 66.41 ng/ml



#27 AR-1254-2

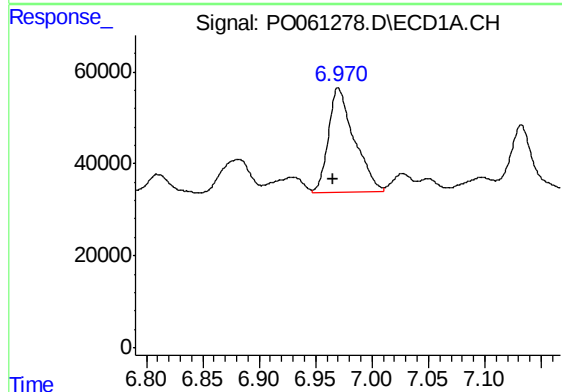
R.T.: 6.605 min
Delta R.T.: 0.005 min
Response: 213237
Conc: 67.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



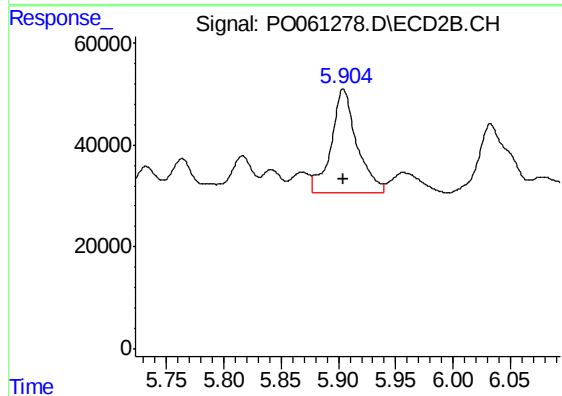
#27 AR-1254-2

R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 105054
Conc: 55.67 ng/ml



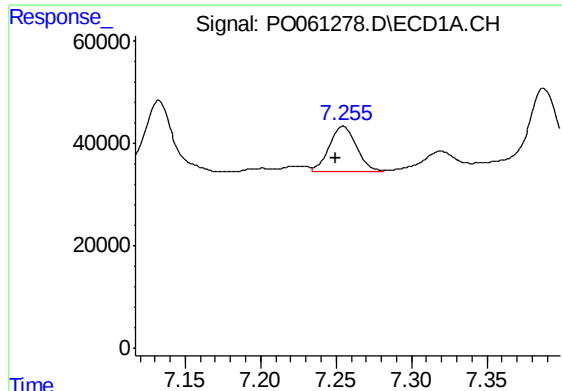
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: 0.005 min
Response: 359063
Conc: 101.95 ng/ml



#28 AR-1254-3

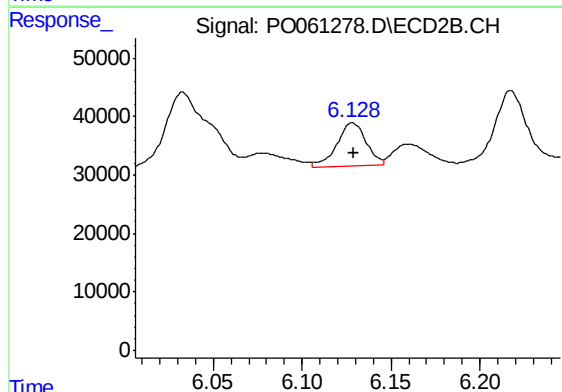
R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 314906
Conc: 99.04 ng/ml



#29 AR-1254-4

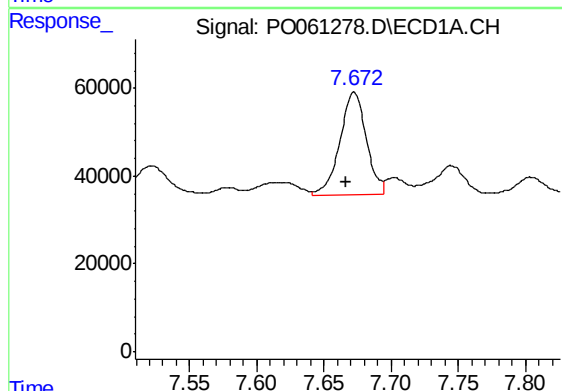
R.T.: 7.255 min
Delta R.T.: 0.005 min
Response: 107481
Conc: 39.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



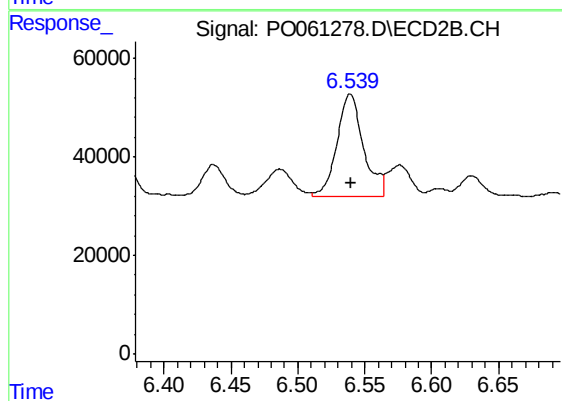
#29 AR-1254-4

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 84823
Conc: 40.74 ng/ml



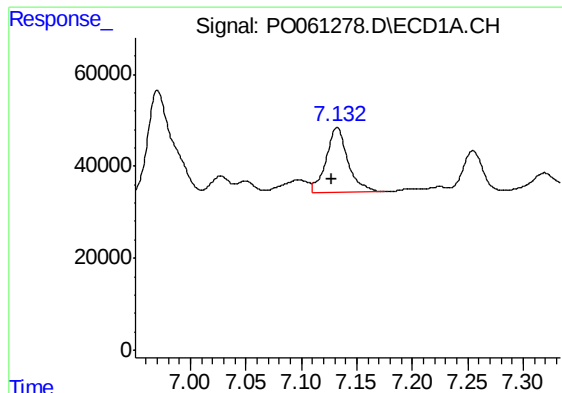
#30 AR-1254-5

R.T.: 7.672 min
Delta R.T.: 0.006 min
Response: 321508
Conc: 109.03 ng/ml



#30 AR-1254-5

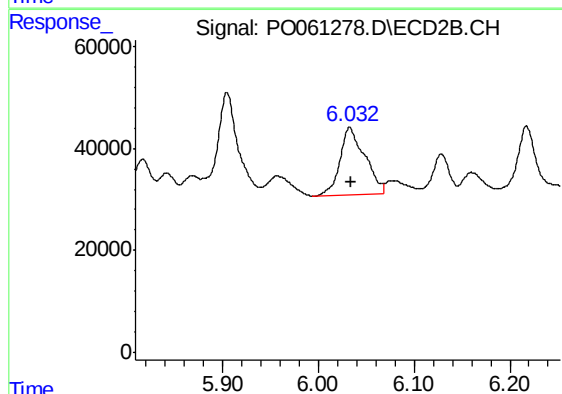
R.T.: 6.539 min
Delta R.T.: -0.001 min
Response: 285562
Conc: 90.23 ng/ml



#31 AR-1260-1

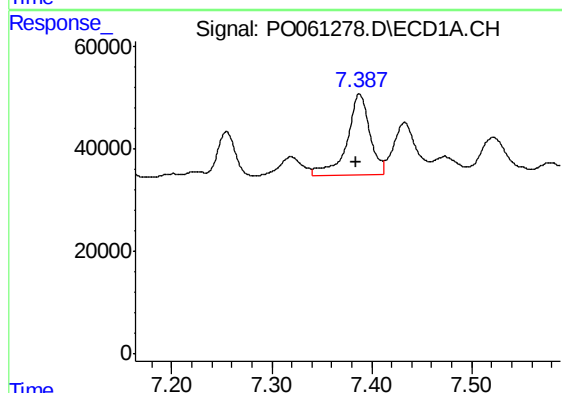
R.T.: 7.132 min
Delta R.T.: 0.005 min
Response: 195015
Conc: 80.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



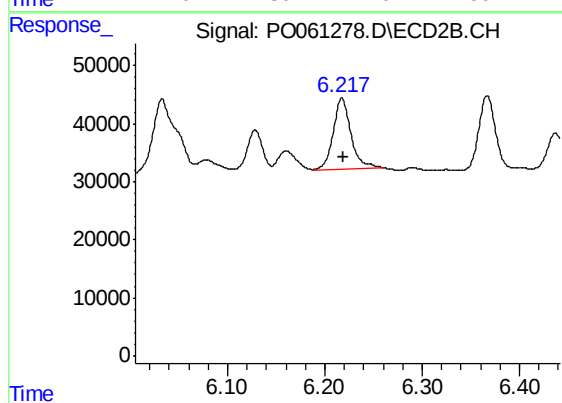
#31 AR-1260-1

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 239376
Conc: 113.80 ng/ml



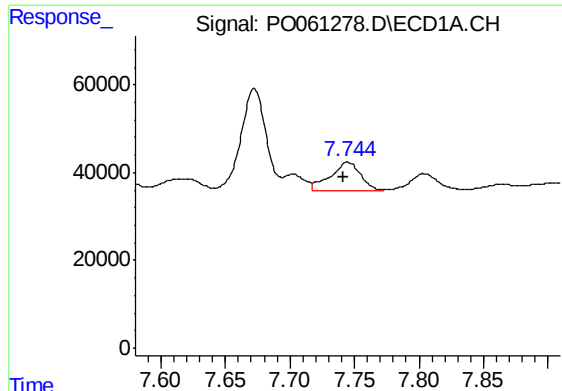
#32 AR-1260-2

R.T.: 7.388 min
Delta R.T.: 0.003 min
Response: 252237
Conc: 83.43 ng/ml



#32 AR-1260-2

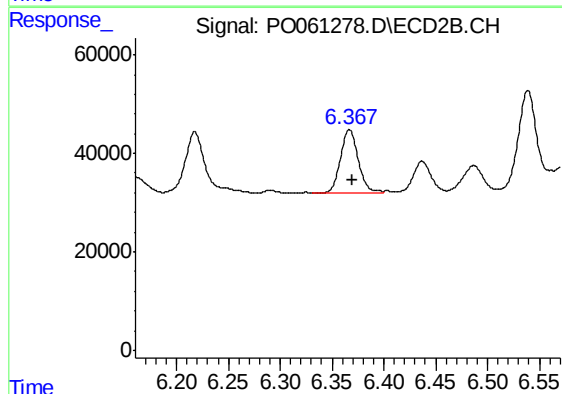
R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 156825
Conc: 60.80 ng/ml



#33 AR-1260-3

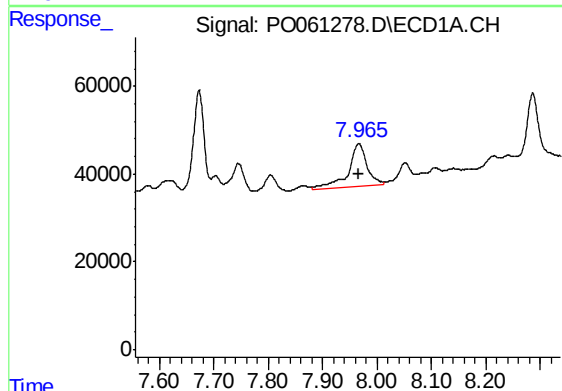
R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 105571
Conc: 44.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



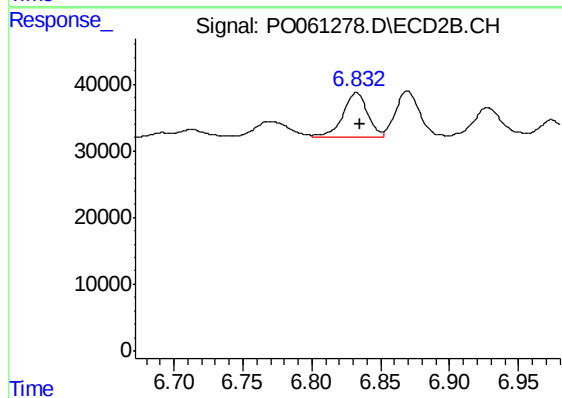
#33 AR-1260-3

R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 153797
Conc: 63.87 ng/ml



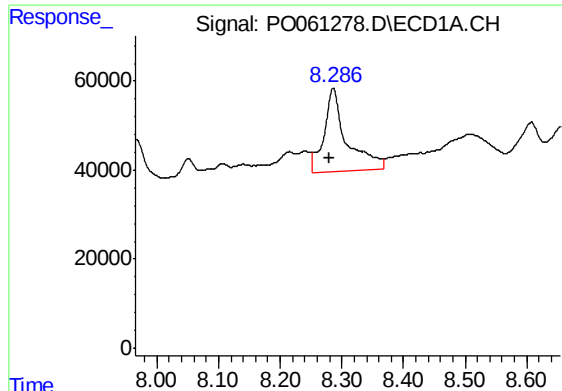
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 235664
Conc: 84.23 ng/ml



#34 AR-1260-4

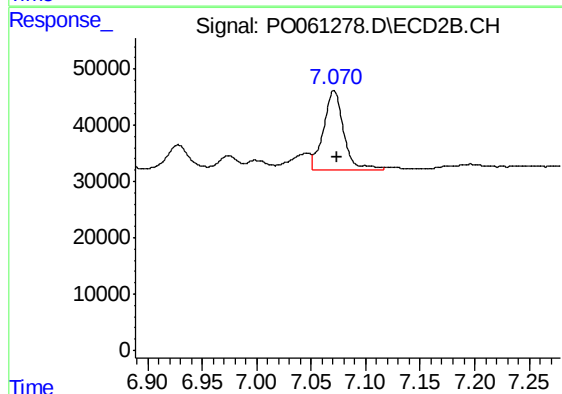
R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 83647
Conc: 39.08 ng/ml



#35 AR-1260-5

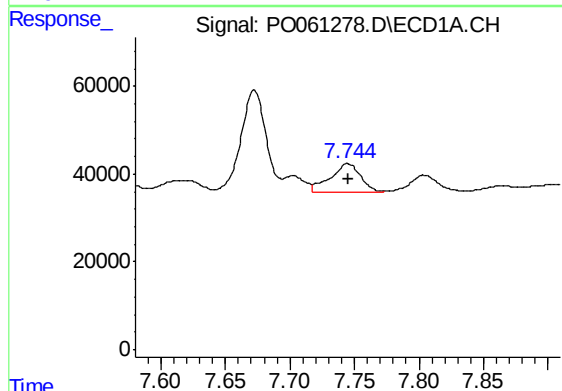
R.T.: 8.286 min
Delta R.T.: 0.007 min
Response: 468079
Conc: 85.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



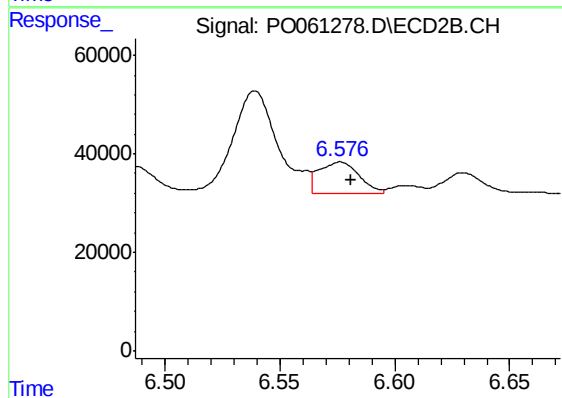
#35 AR-1260-5

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 178378
Conc: 36.91 ng/ml



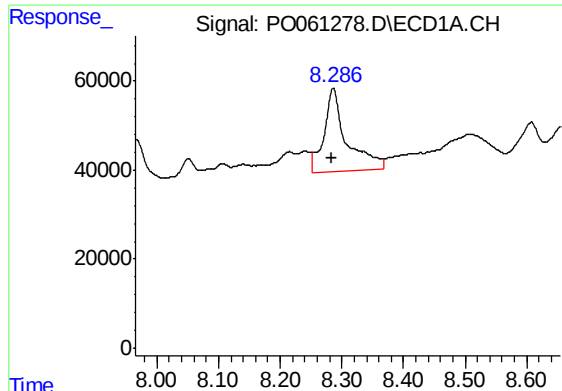
#36 AR-1262-1

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 105571
Conc: 29.89 ng/ml



#36 AR-1262-1

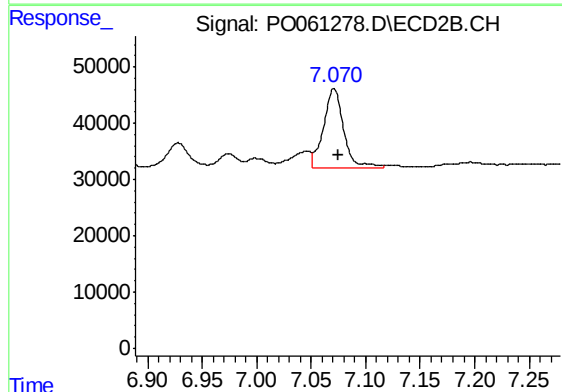
R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 77689
Conc: 26.01 ng/ml



#37 AR-1262-2

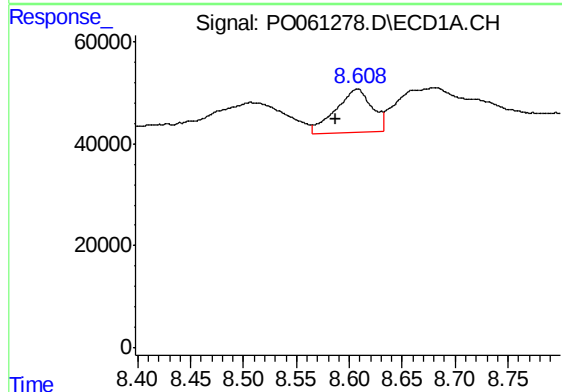
R.T.: 8.286 min
Delta R.T.: 0.003 min
Response: 468079
Conc: 75.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



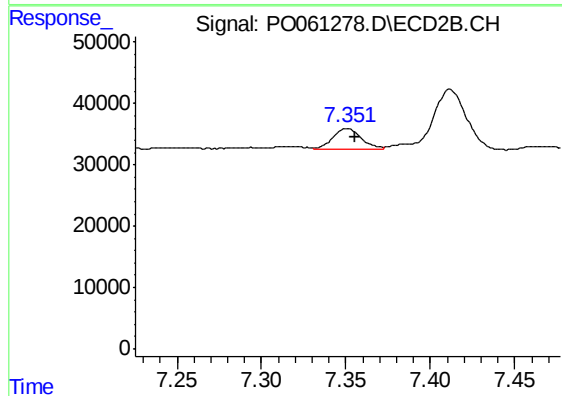
#37 AR-1262-2

R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 178378
Conc: 34.31 ng/ml



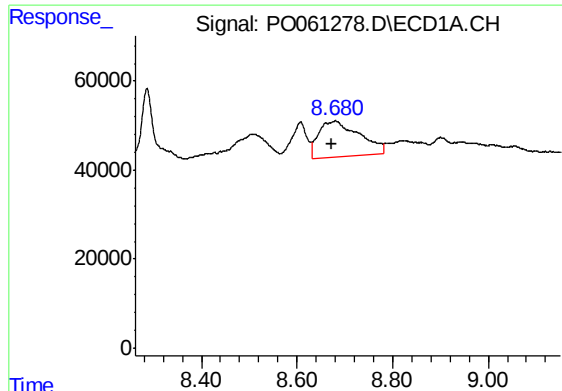
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.021 min
Response: 201325
Conc: 47.25 ng/ml



#38 AR-1262-3

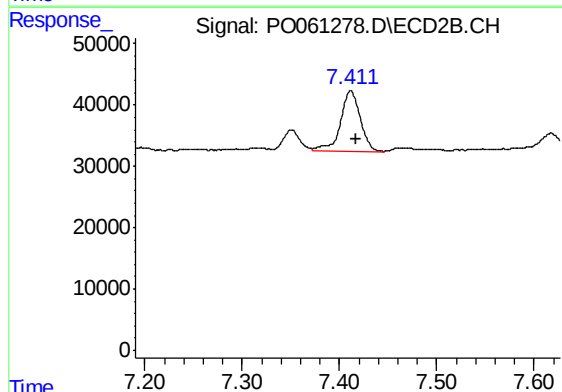
R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 40526
Conc: 19.09 ng/ml



#39 AR-1262-4

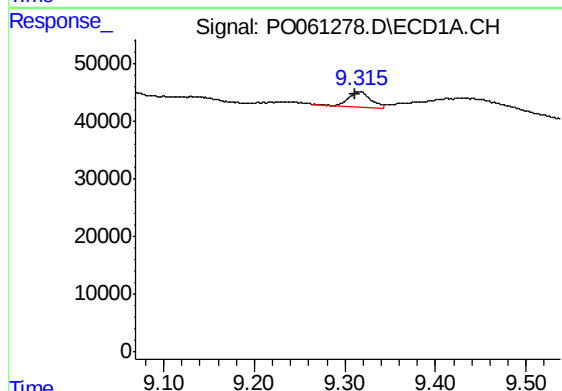
R.T.: 8.680 min
Delta R.T.: 0.007 min
Response: 477508
Conc: 146.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



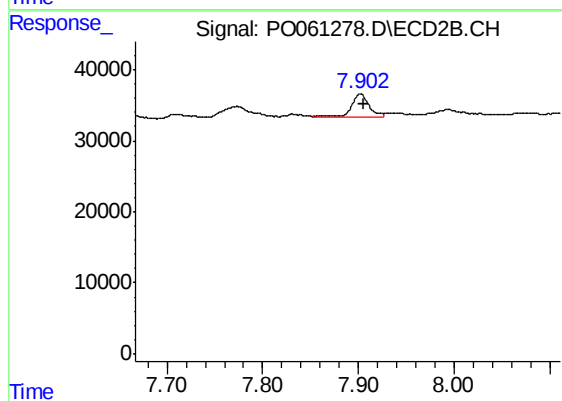
#39 AR-1262-4

R.T.: 7.412 min
Delta R.T.: -0.006 min
Response: 139350
Conc: 36.48 ng/ml



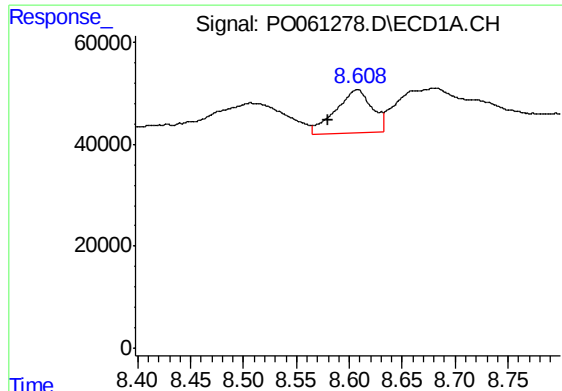
#40 AR-1262-5

R.T.: 9.316 min
Delta R.T.: 0.004 min
Response: 48111
Conc: 23.66 ng/ml



#40 AR-1262-5

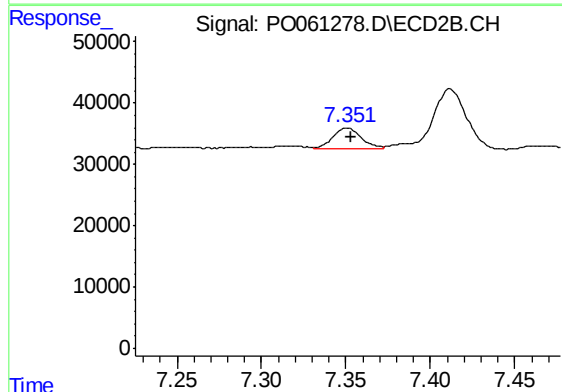
R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 42141
Conc: 25.18 ng/ml



#41 AR-1268-1

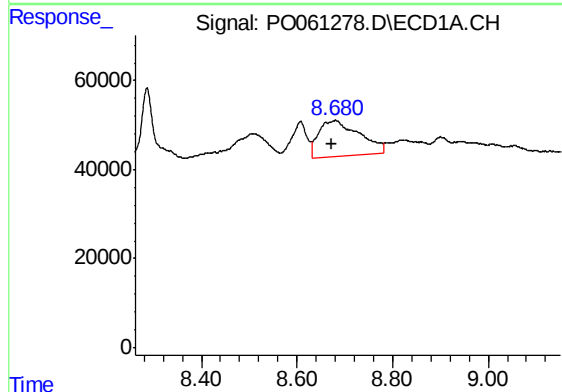
R.T.: 8.608 min
Delta R.T.: 0.028 min
Response: 201325
Conc: 27.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



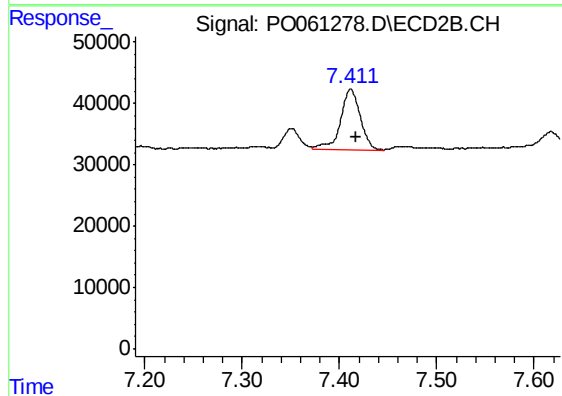
#41 AR-1268-1

R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 40526
Conc: 6.91 ng/ml



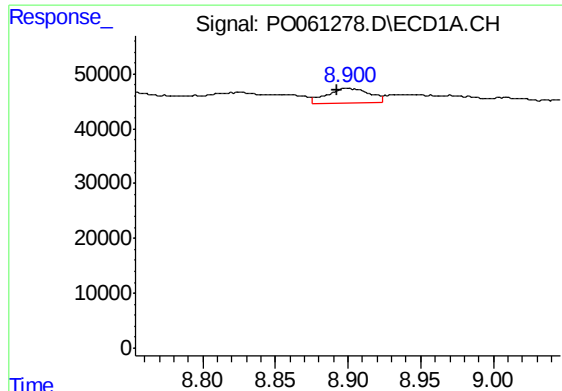
#42 AR-1268-2

R.T.: 8.680 min
Delta R.T.: 0.007 min
Response: 477508
Conc: 70.69 ng/ml



#42 AR-1268-2

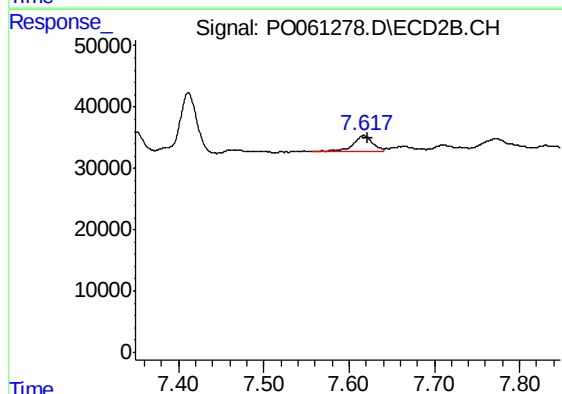
R.T.: 7.412 min
Delta R.T.: -0.005 min
Response: 139350
Conc: 26.14 ng/ml



#43 AR-1268-3

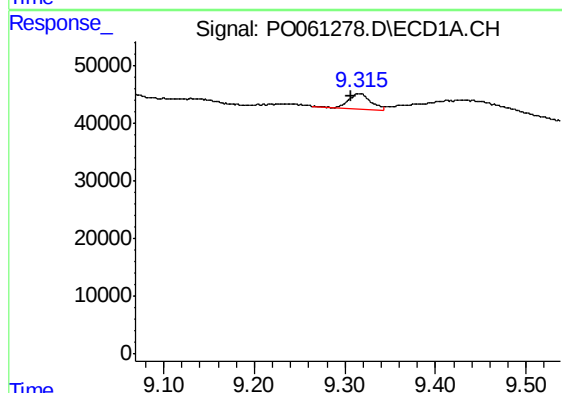
R.T.: 8.900 min
Delta R.T.: 0.008 min
Response: 55861
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



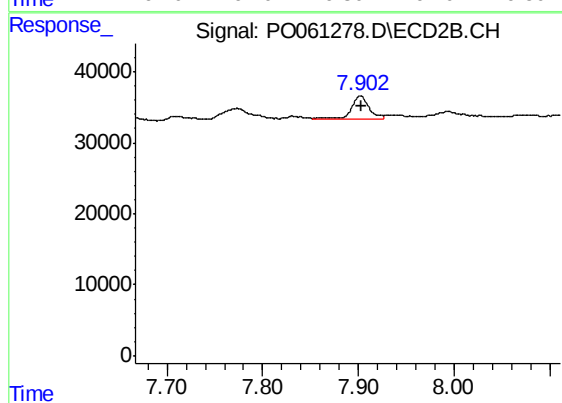
#43 AR-1268-3

R.T.: 7.617 min
Delta R.T.: -0.004 min
Response: 40536
Conc: 9.14 ng/ml



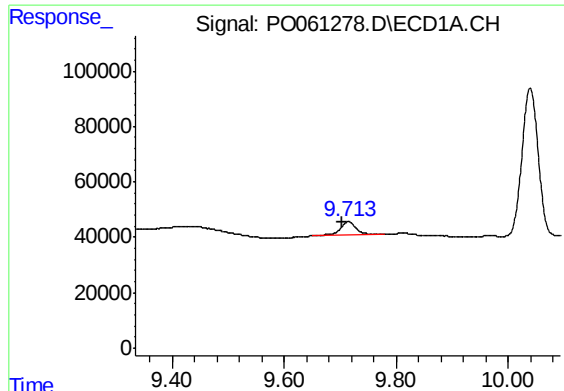
#44 AR-1268-4

R.T.: 9.316 min
Delta R.T.: 0.009 min
Response: 48111
Conc: 20.86 ng/ml



#44 AR-1268-4

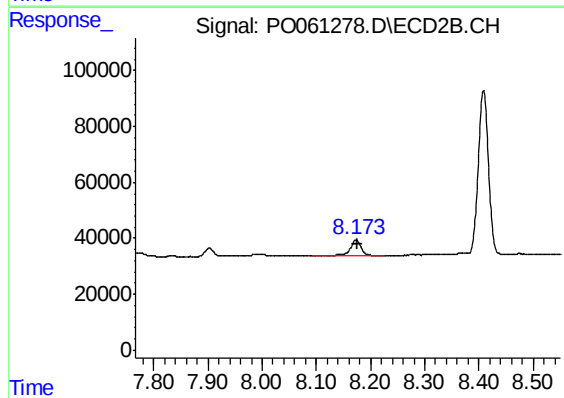
R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 42141
Conc: 22.05 ng/ml



#45 AR-1268-5

R.T.: 9.714 min
Delta R.T.: 0.011 min
Response: 97951
Conc: 6.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
SAND-STOCKPILE-1



#45 AR-1268-5

R.T.: 8.173 min
Delta R.T.: -0.003 min
Response: 84434
Conc: 7.02 ng/ml