

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 16:24
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 04:10:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	5.204	4.208	453.5E6	264.8E6	19.420	18.728
2)	SA Decachlor...	11.378	9.547	317.4E6	259.0E6	18.862	20.535
Target Compounds							
3)	L1 AR-1016-1	6.531	5.492f	13654907	26180724	18.629	57.833 #
4)	L1 AR-1016-2	6.556	5.492	20049644	26180724	17.850	35.320 #
5)	L1 AR-1016-3	6.622	5.685	15740075	7915963	22.818	21.958
6)	L1 AR-1016-4	6.730	5.735	11339566	7629687	19.933	26.732 #
7)	L1 AR-1016-5	7.041	5.966	11995829	7910496	22.162	21.711
8)	L2 AR-1221-1	5.430f	4.464	745395	803181	3.081	5.637 #
9)	L2 AR-1221-2	5.561	4.566	8129894	4254223	44.880	40.328
10)	L2 AR-1221-3	5.645	4.656	7588896	5839395	13.263	16.640 #
11)	L3 AR-1232-1	5.645	4.656	7588896	5839395	19.426	25.017 #
12)	L3 AR-1232-2	6.234	5.492	10741537	26180724	46.240	90.395 #
13)	L3 AR-1232-3	6.556	5.685	20049644	7915963	46.725	59.664 #
14)	L3 AR-1232-4	6.730	5.780	11339566	6572614	52.357	57.599
15)	L3 AR-1232-5	6.821	5.966	10484192	7910496	64.512	61.554
16)	L4 AR-1242-1	6.531	5.492f	13654907	26180724	29.736	96.289 #
17)	L4 AR-1242-2	6.556	5.492	20049644	26180724	28.448	55.625 #
18)	L4 AR-1242-3	6.622	5.685	15740075	7915963	36.155	35.881
19)	L4 AR-1242-4	6.730	5.780	11339566	6572614	31.536	30.381
20)	L4 AR-1242-5	7.512	6.345	11290407	9702136	30.668	32.705
21)	L5 AR-1248-1	6.531	5.492f	13654907	26180724	36.808	116.041 #
22)	L5 AR-1248-2	6.821	5.735	10484192	7629687	20.016	23.247
23)	L5 AR-1248-3	7.041	5.780	11995829	6572614	20.213	19.875
24)	L5 AR-1248-4	7.471	5.966	10595662	7910496	15.951	19.932
25)	L5 AR-1248-5	7.512	6.389	11290407	7220145	17.341	18.116
26)	L6 AR-1254-1	7.440	6.345	9149923	9702136	12.946	14.508
27)	L6 AR-1254-2	7.676	6.503	10073344	6970319	9.200	11.336
28)	L6 AR-1254-3	8.050	6.925	4535438	5958073	3.856	6.171 #
29)	L6 AR-1254-4	8.348	7.165	4420033	7397124	5.015	11.099 #
30)	L6 AR-1254-5	8.774	7.593	1730458	5344578	1.773	5.480 #
31)	L7 AR-1260-1	8.185f	7.068	3317069	6637599	3.378	8.855 #
32)	L7 AR-1260-2	8.490	7.257	3214982	3407509	2.832	3.262
33)	L7 AR-1260-3	0.000	7.409	0	5435164	N.D.	6.245 #
34)	L7 AR-1260-4	0.000	7.895	0	889968	N.D.	1.429 #
36)	L8 AR-1262-1	0.000	7.593	0	5344578	N.D.	11.826 #
43)	L9 AR-1268-3	0.000	8.701	0	1642926	N.D.	0.983 #
45)	L9 AR-1268-5	11.019	9.287	2096869	3287378	0.385	0.698 #

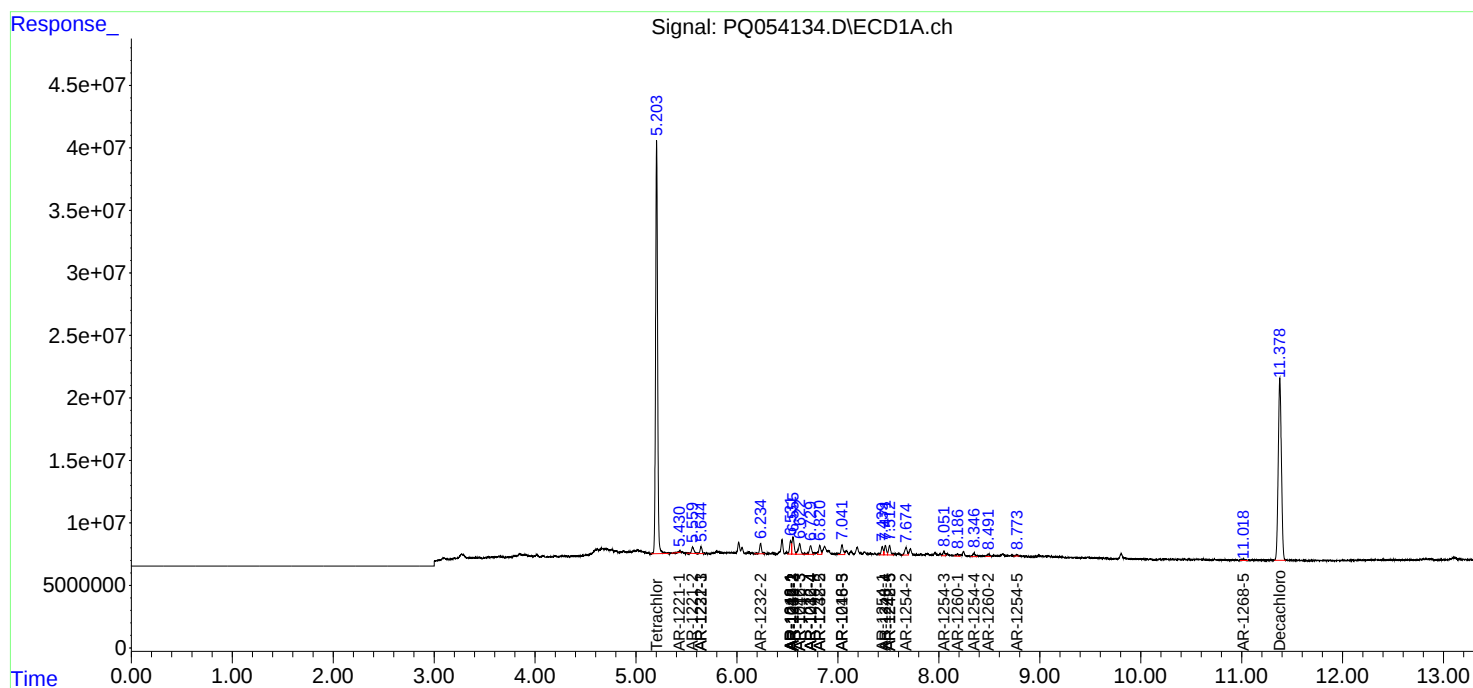
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

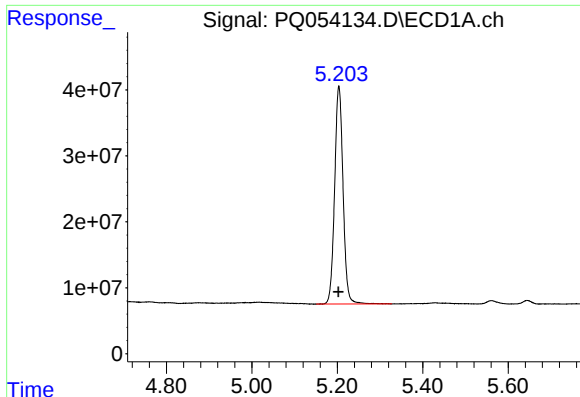
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054134.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2021 16:24
Operator : AJ\MA
Sample : M2940-01
Misc : AR1242 LOD 25 PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:10:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
Response via : Initial Calibration
Integrator: ChemStation

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

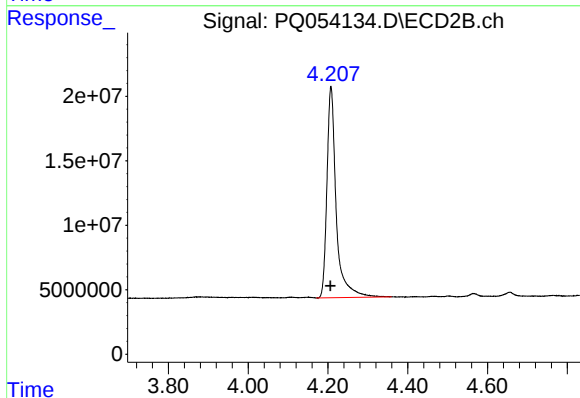




#1 Tetrachloro-m-xylene

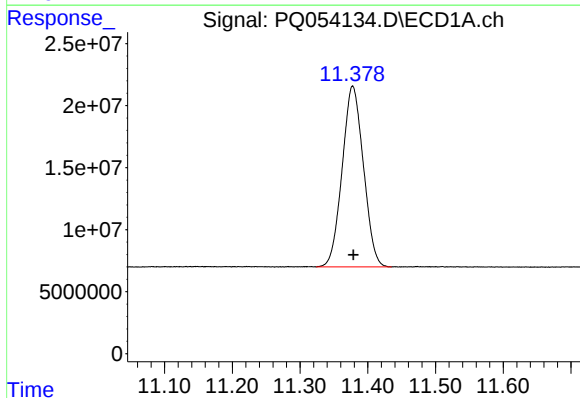
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 453493345
Conc: 19.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



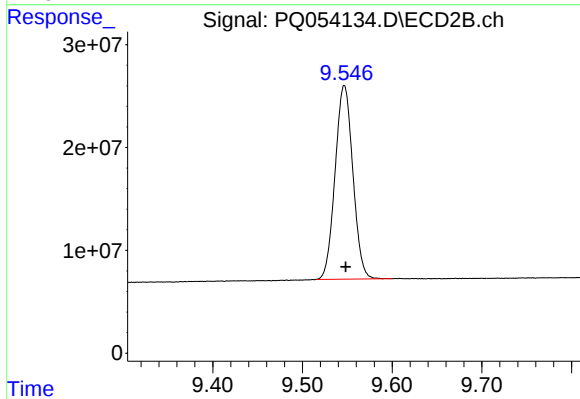
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.001 min
Response: 264762406
Conc: 18.73 ng/ml



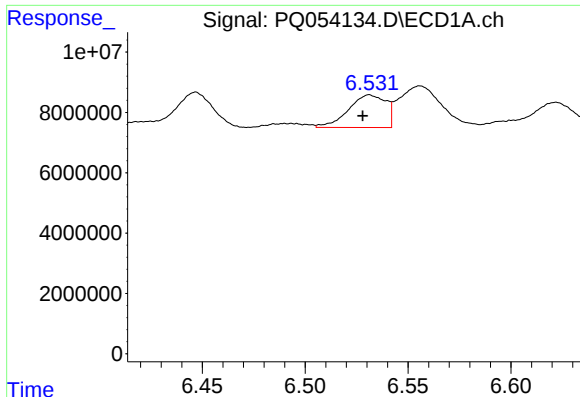
#2 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: -0.001 min
Response: 317367309
Conc: 18.86 ng/ml



#2 Decachlorobiphenyl

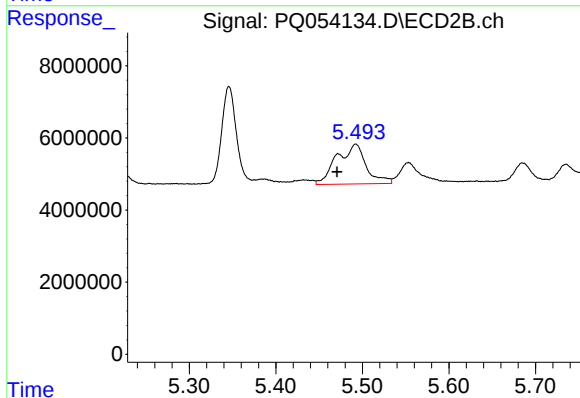
R.T.: 9.547 min
Delta R.T.: -0.002 min
Response: 259032780
Conc: 20.54 ng/ml



#3 AR-1016-1

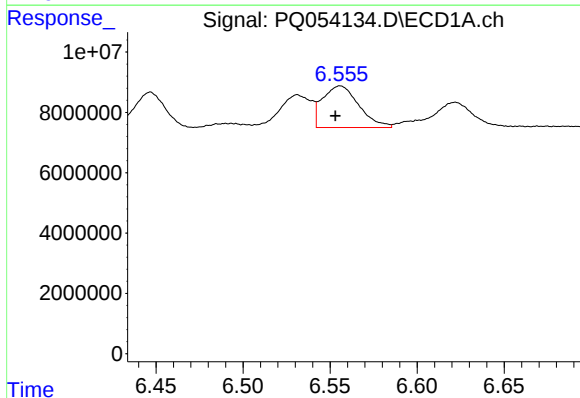
R.T.: 6.531 min
Delta R.T.: 0.003 min
Response: 13654907
Conc: 18.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



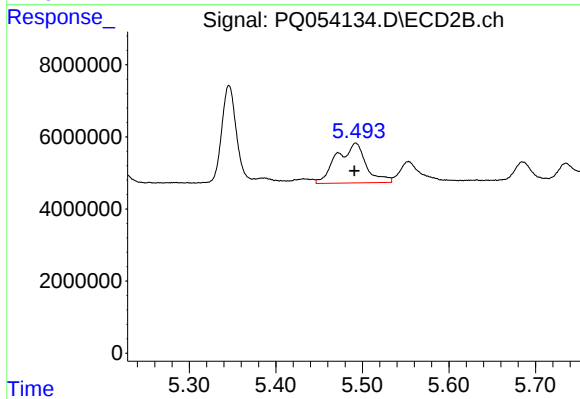
#3 AR-1016-1

R.T.: 5.492 min
Delta R.T.: 0.022 min
Response: 26180724
Conc: 57.83 ng/ml



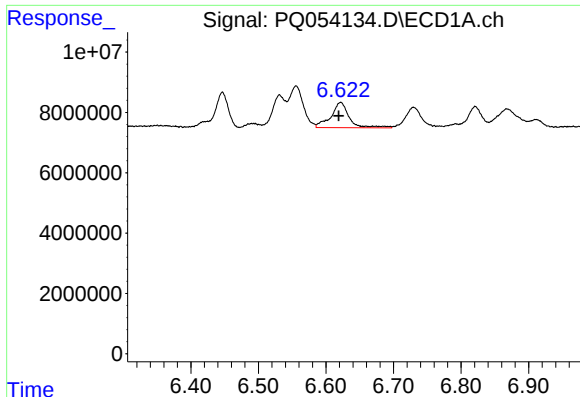
#4 AR-1016-2

R.T.: 6.556 min
Delta R.T.: 0.003 min
Response: 20049644
Conc: 17.85 ng/ml



#4 AR-1016-2

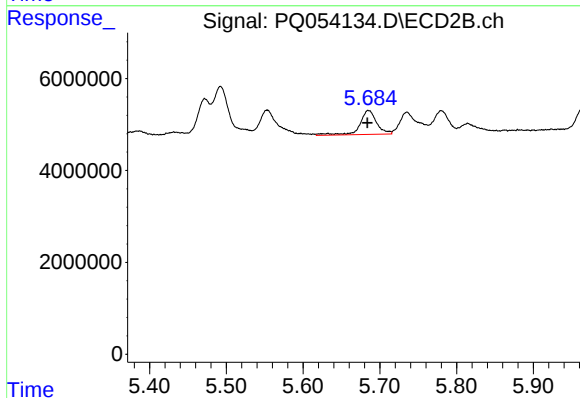
R.T.: 5.492 min
Delta R.T.: 0.002 min
Response: 26180724
Conc: 35.32 ng/ml



#5 AR-1016-3

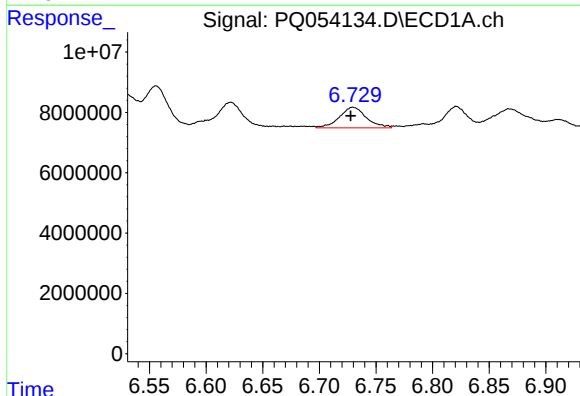
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 15740075
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



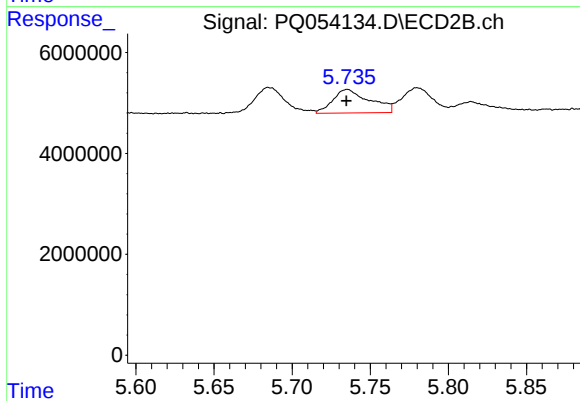
#5 AR-1016-3

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 7915963
Conc: 21.96 ng/ml



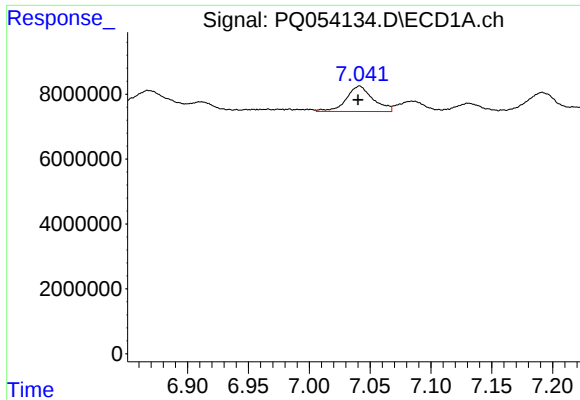
#6 AR-1016-4

R.T.: 6.730 min
Delta R.T.: 0.002 min
Response: 11339566
Conc: 19.93 ng/ml



#6 AR-1016-4

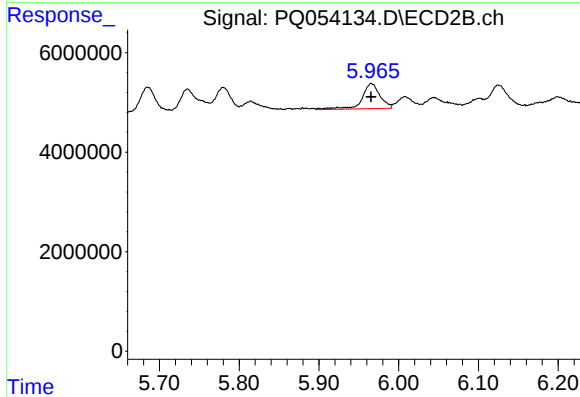
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 7629687
Conc: 26.73 ng/ml



#7 AR-1016-5

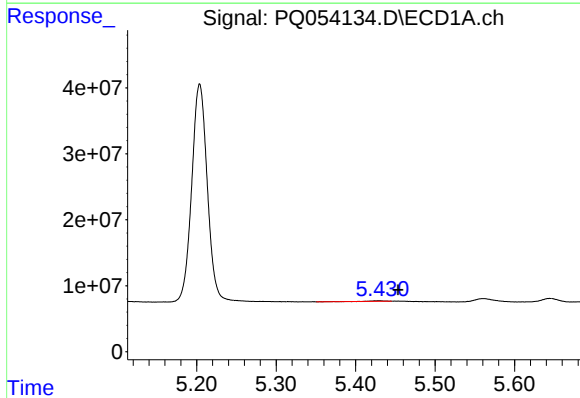
R.T.: 7.041 min
Delta R.T.: 0.001 min
Response: 11995829
Conc: 22.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



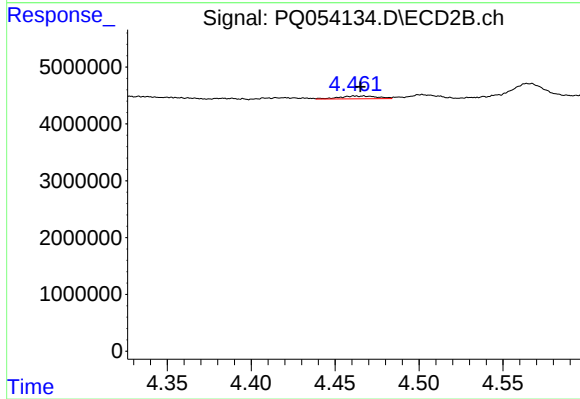
#7 AR-1016-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7910496
Conc: 21.71 ng/ml



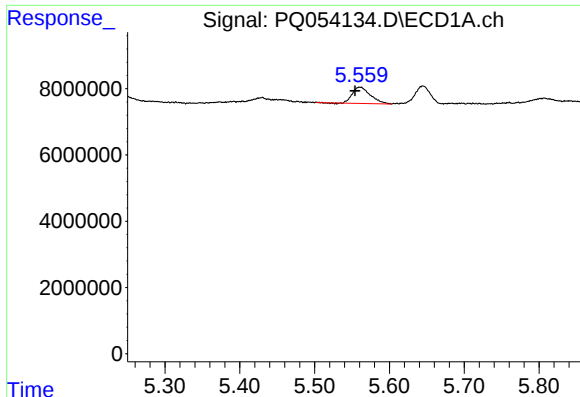
#8 AR-1221-1

R.T.: 5.430 min
Delta R.T.: -0.024 min
Response: 745395
Conc: 3.08 ng/ml



#8 AR-1221-1

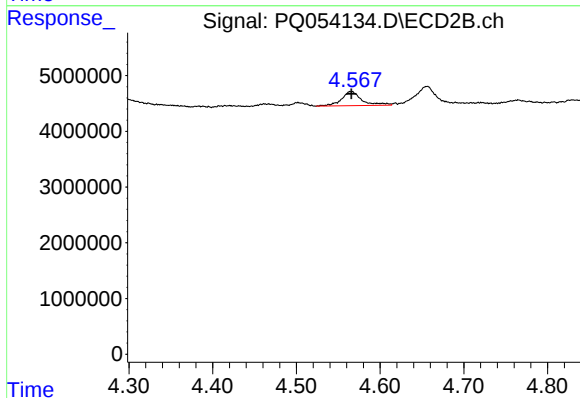
R.T.: 4.464 min
Delta R.T.: -0.001 min
Response: 803181
Conc: 5.64 ng/ml



#9 AR-1221-2

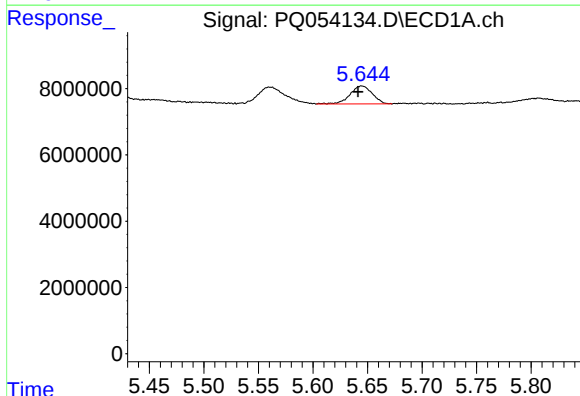
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 8129894
Conc: 44.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



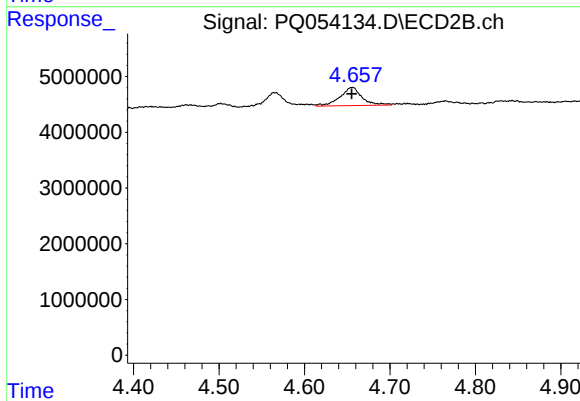
#9 AR-1221-2

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 4254223
Conc: 40.33 ng/ml



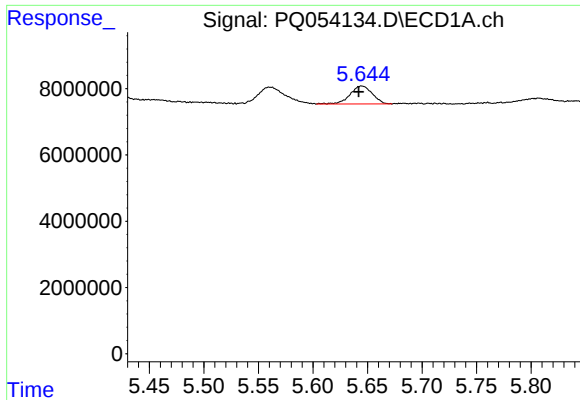
#10 AR-1221-3

R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 7588896
Conc: 13.26 ng/ml



#10 AR-1221-3

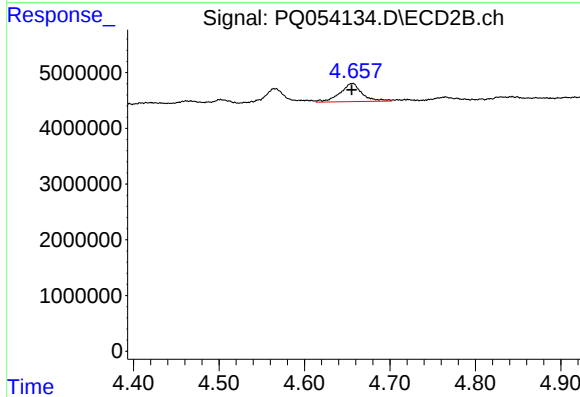
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 5839395
Conc: 16.64 ng/ml



#11 AR-1232-1

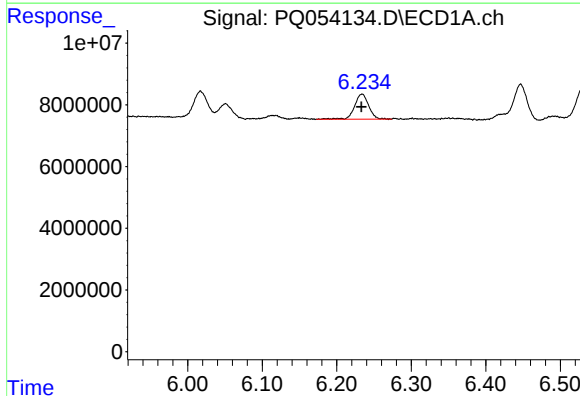
R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 7588896
Conc: 19.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



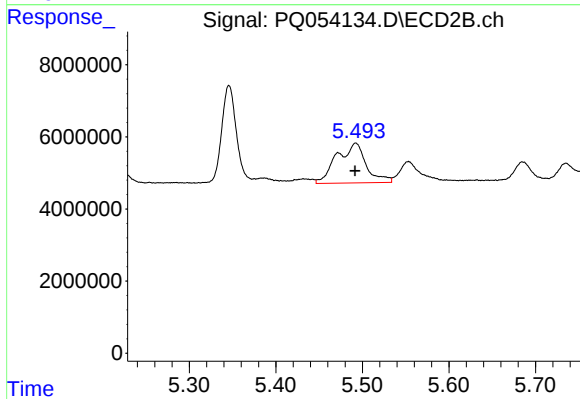
#11 AR-1232-1

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 5839395
Conc: 25.02 ng/ml



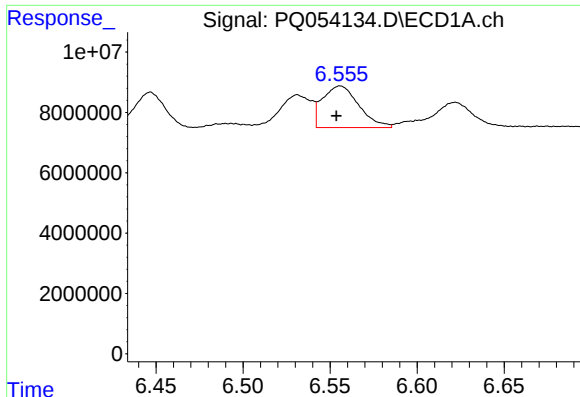
#12 AR-1232-2

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 10741537
Conc: 46.24 ng/ml



#12 AR-1232-2

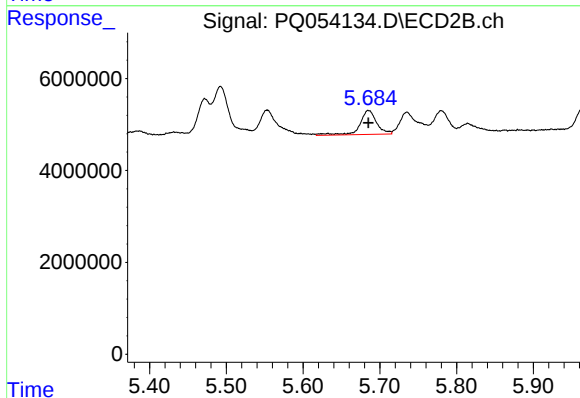
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 26180724
Conc: 90.40 ng/ml



#13 AR-1232-3

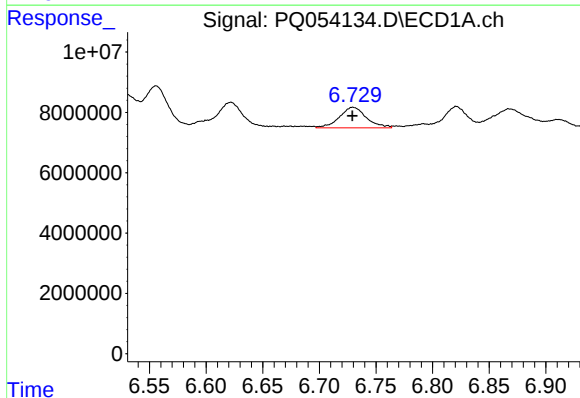
R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 20049644
Conc: 46.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



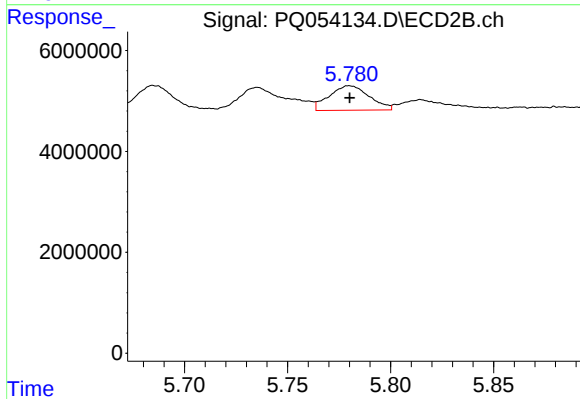
#13 AR-1232-3

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 7915963
Conc: 59.66 ng/ml



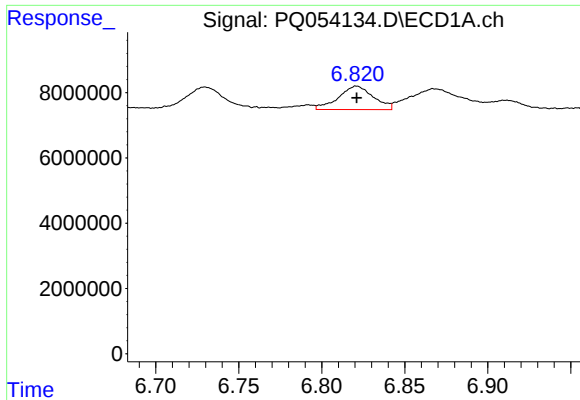
#14 AR-1232-4

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 11339566
Conc: 52.36 ng/ml



#14 AR-1232-4

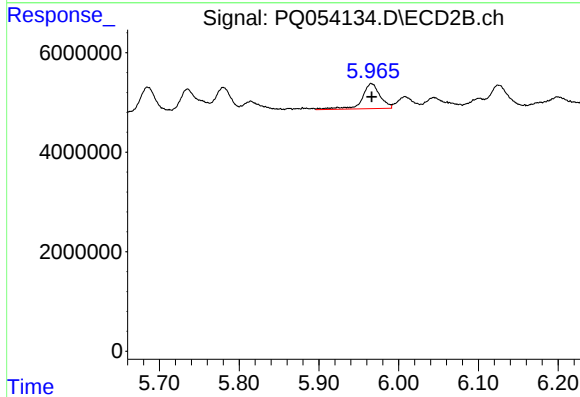
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6572614
Conc: 57.60 ng/ml



#15 AR-1232-5

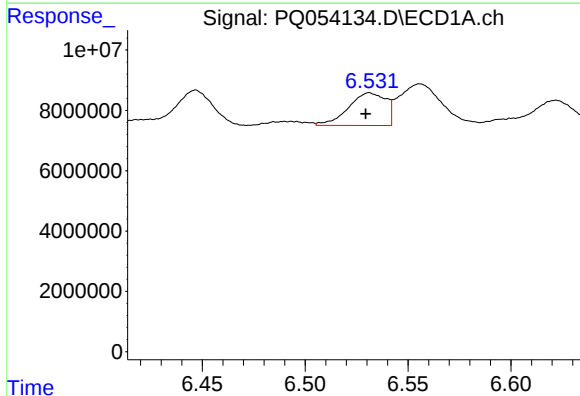
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 10484192
Conc: 64.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



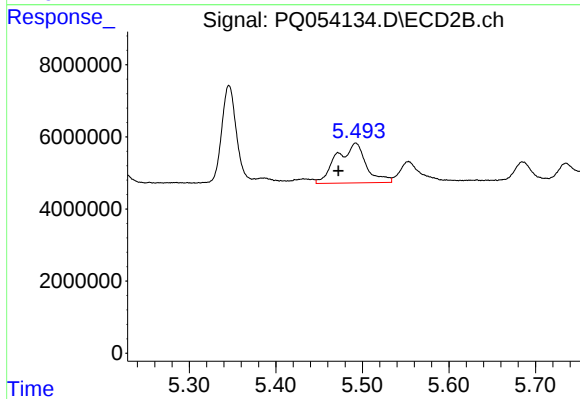
#15 AR-1232-5

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7910496
Conc: 61.55 ng/ml



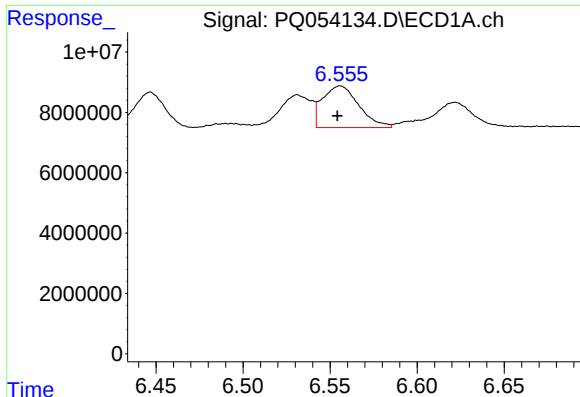
#16 AR-1242-1

R.T.: 6.531 min
Delta R.T.: 0.002 min
Response: 13654907
Conc: 29.74 ng/ml



#16 AR-1242-1

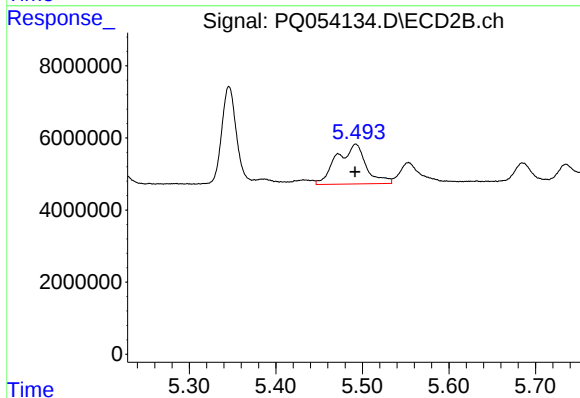
R.T.: 5.492 min
Delta R.T.: 0.020 min
Response: 26180724
Conc: 96.29 ng/ml



#17 AR-1242-2

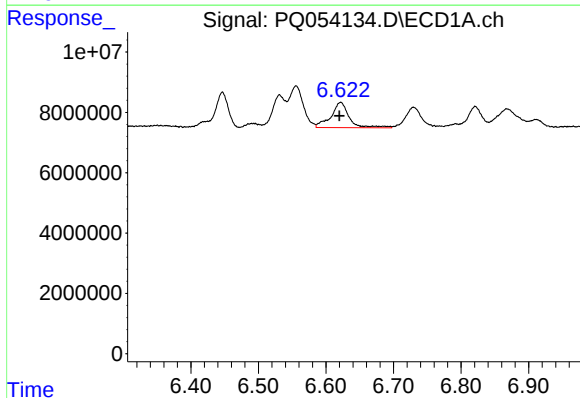
R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 20049644
Conc: 28.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



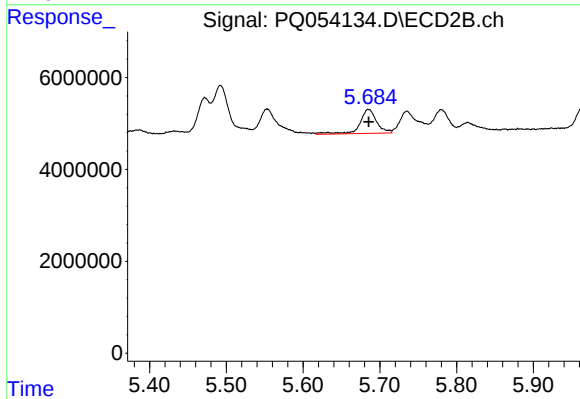
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 26180724
Conc: 55.63 ng/ml



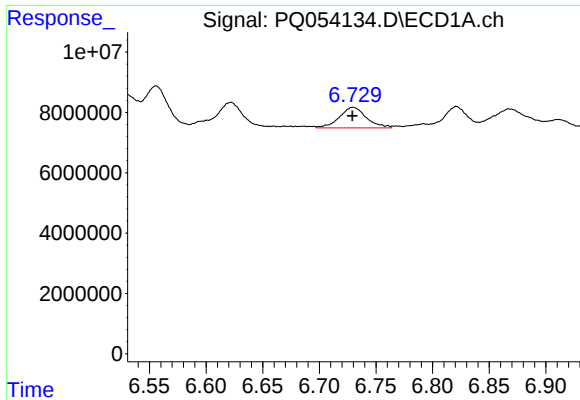
#18 AR-1242-3

R.T.: 6.622 min
Delta R.T.: 0.002 min
Response: 15740075
Conc: 36.15 ng/ml



#18 AR-1242-3

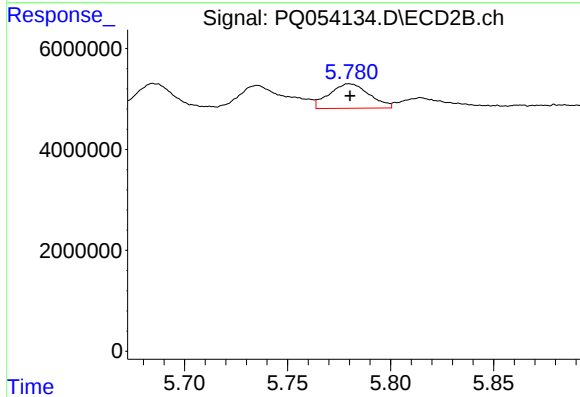
R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 7915963
Conc: 35.88 ng/ml



#19 AR-1242-4

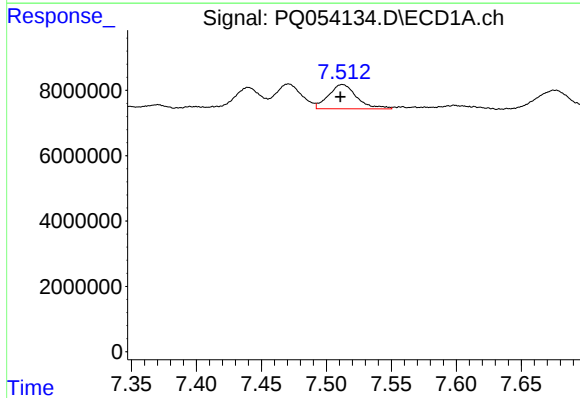
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 11339566
Conc: 31.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



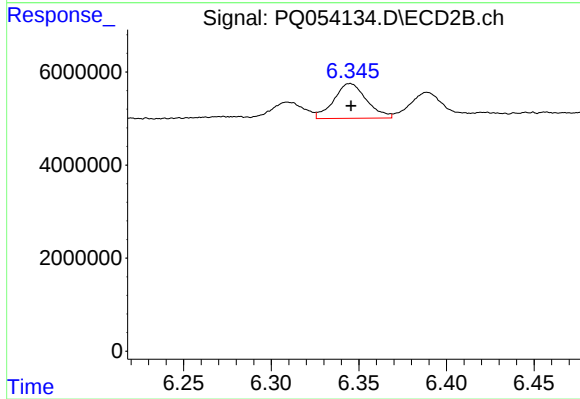
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6572614
Conc: 30.38 ng/ml



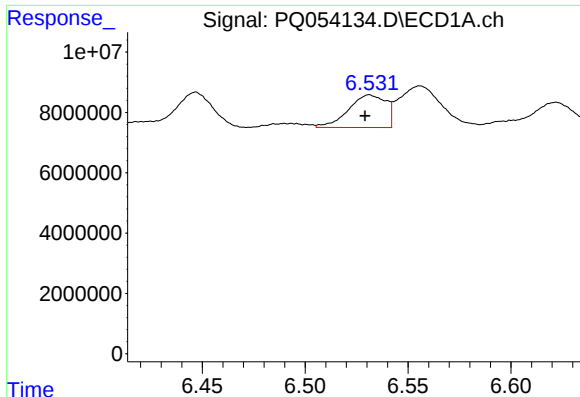
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 11290407
Conc: 30.67 ng/ml



#20 AR-1242-5

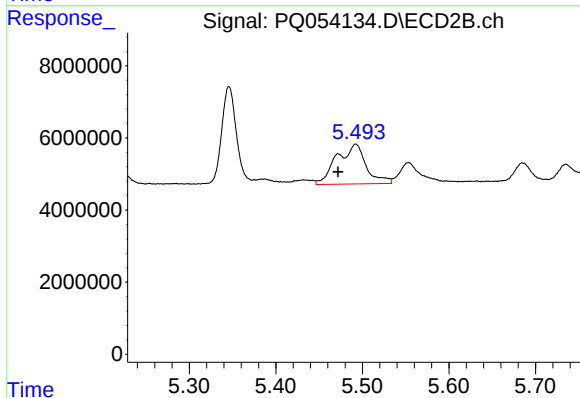
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9702136
Conc: 32.71 ng/ml



#21 AR-1248-1

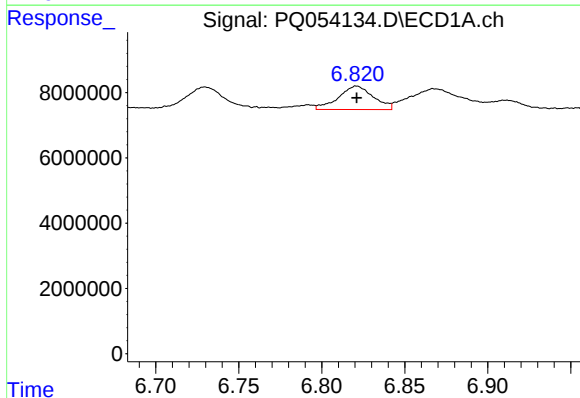
R.T.: 6.531 min
Delta R.T.: 0.002 min
Response: 13654907
Conc: 36.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



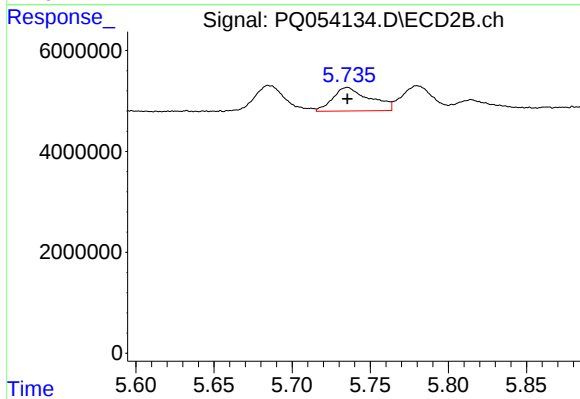
#21 AR-1248-1

R.T.: 5.492 min
Delta R.T.: 0.020 min
Response: 26180724
Conc: 116.04 ng/ml



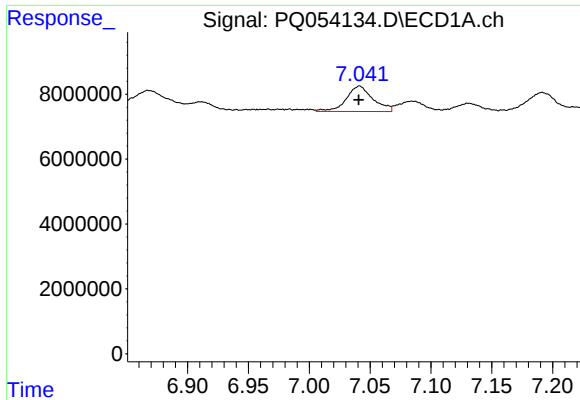
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 10484192
Conc: 20.02 ng/ml



#22 AR-1248-2

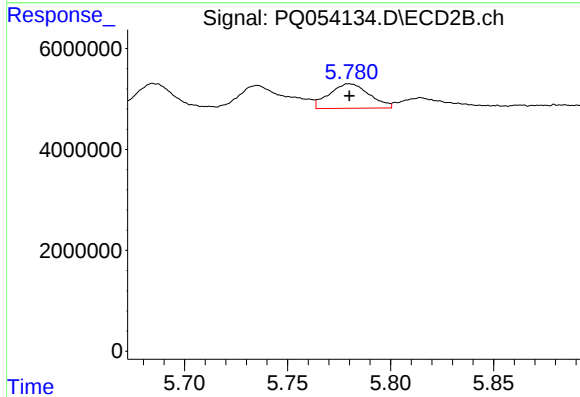
R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 7629687
Conc: 23.25 ng/ml



#23 AR-1248-3

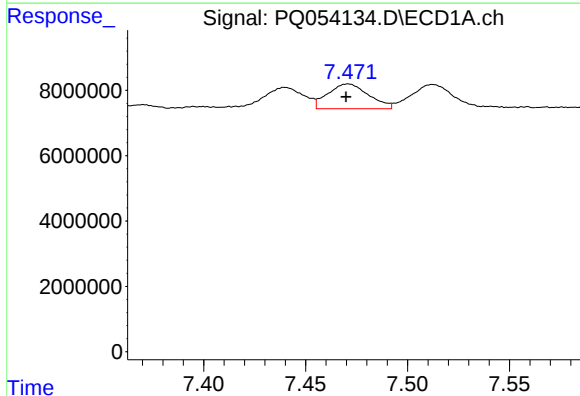
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 11995829
Conc: 20.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



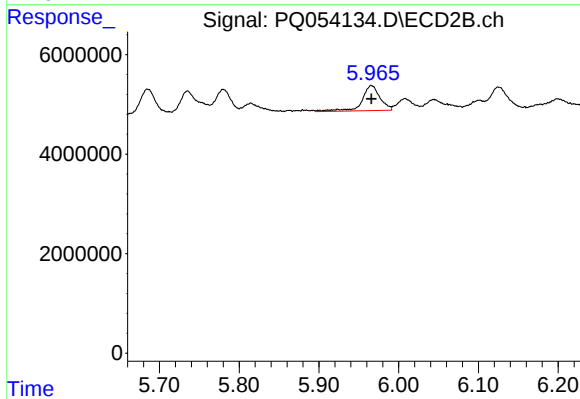
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 6572614
Conc: 19.88 ng/ml



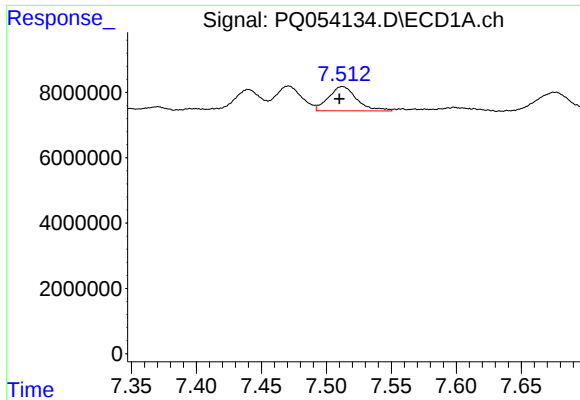
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 10595662
Conc: 15.95 ng/ml



#24 AR-1248-4

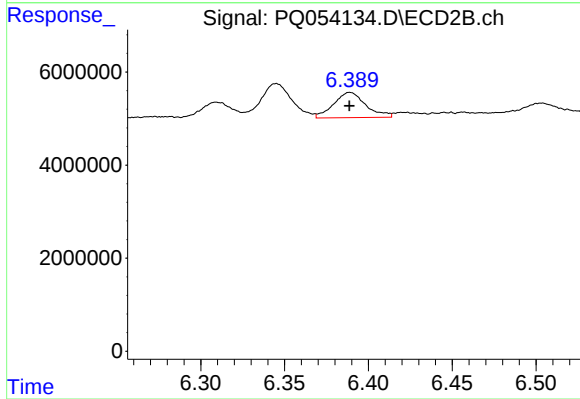
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 7910496
Conc: 19.93 ng/ml



#25 AR-1248-5

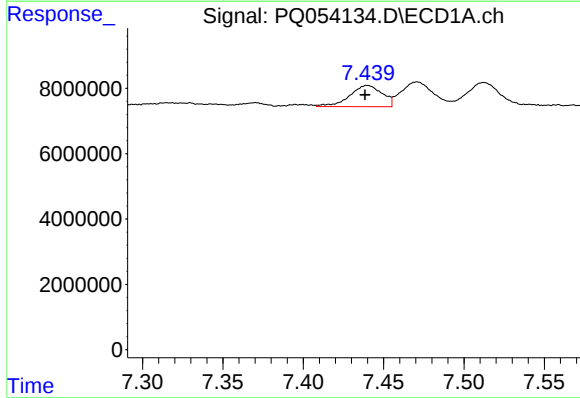
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 11290407
Conc: 17.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



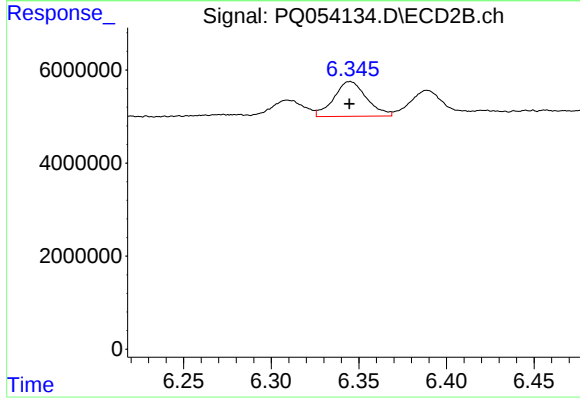
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 7220145
Conc: 18.12 ng/ml



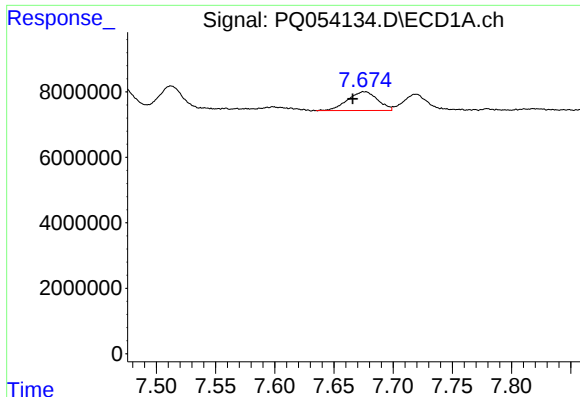
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.001 min
Response: 9149923
Conc: 12.95 ng/ml



#26 AR-1254-1

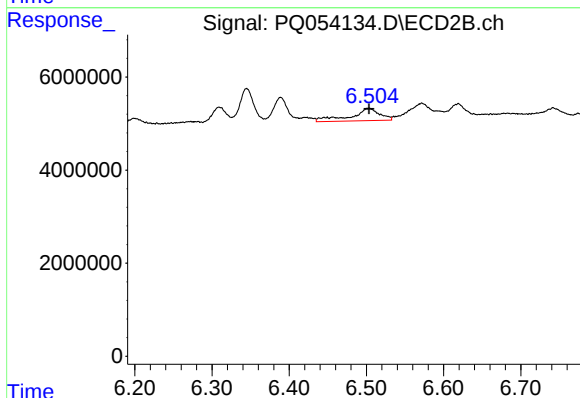
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 9702136
Conc: 14.51 ng/ml



#27 AR-1254-2

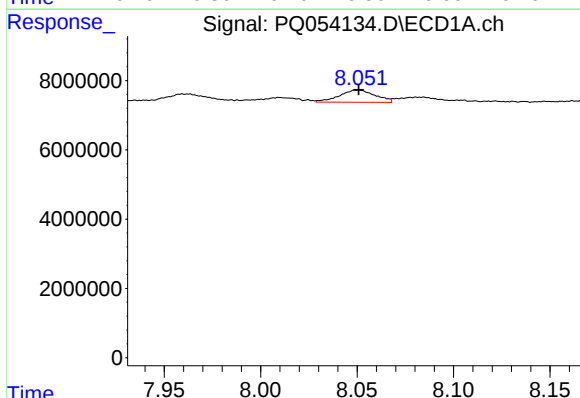
R.T.: 7.676 min
Delta R.T.: 0.010 min
Response: 10073344
Conc: 9.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



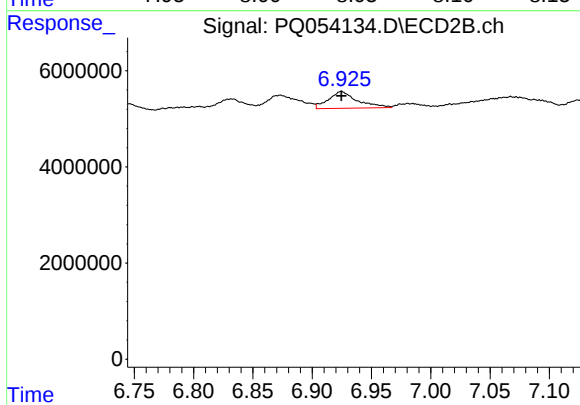
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 6970319
Conc: 11.34 ng/ml



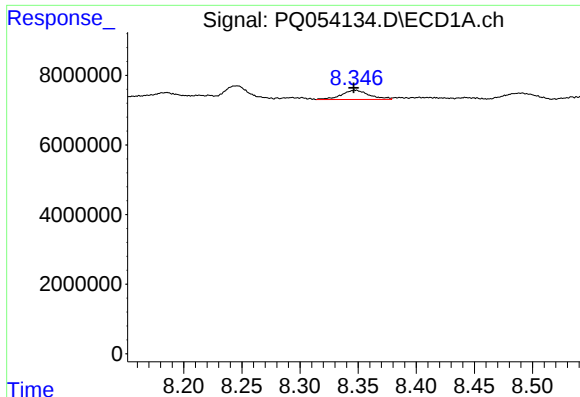
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 4535438
Conc: 3.86 ng/ml



#28 AR-1254-3

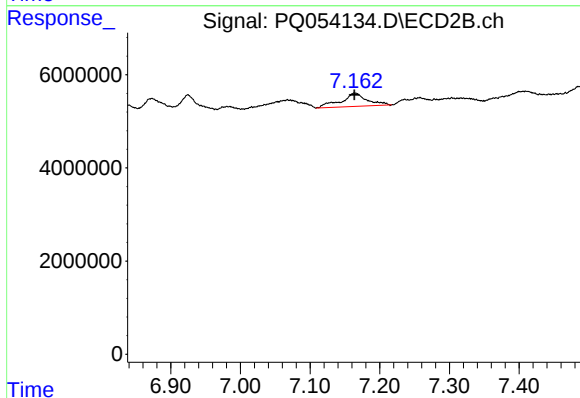
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 5958073
Conc: 6.17 ng/ml



#29 AR-1254-4

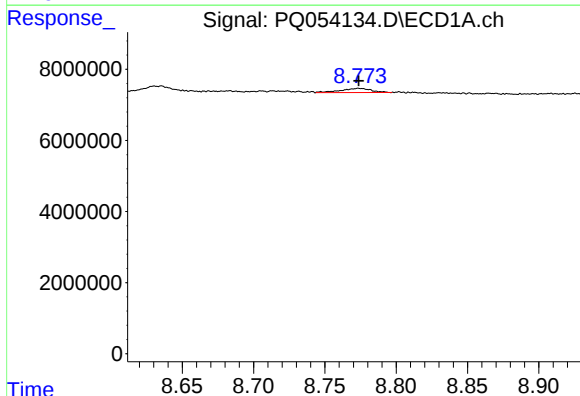
R.T.: 8.348 min
Delta R.T.: 0.001 min
Response: 4420033
Conc: 5.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



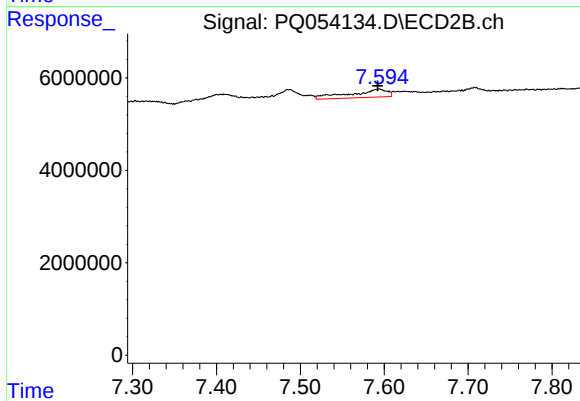
#29 AR-1254-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 7397124
Conc: 11.10 ng/ml



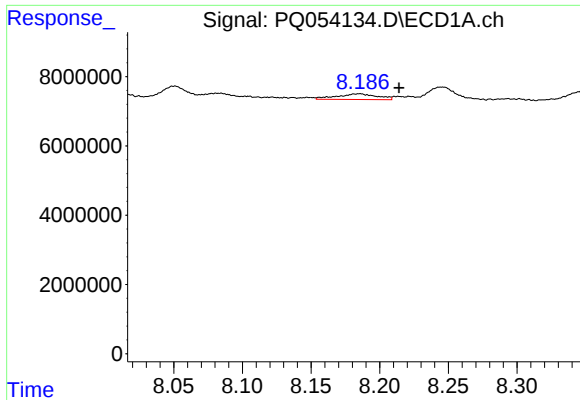
#30 AR-1254-5

R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 1730458
Conc: 1.77 ng/ml



#30 AR-1254-5

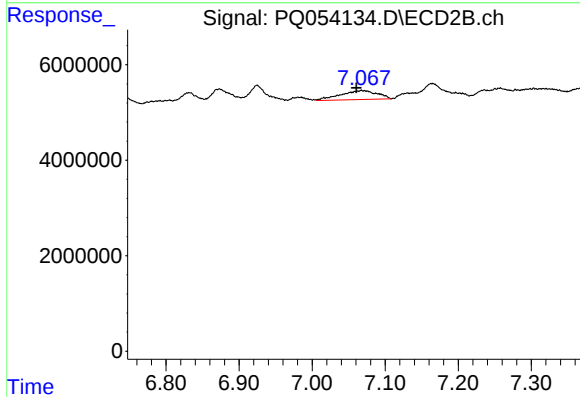
R.T.: 7.593 min
Delta R.T.: 0.001 min
Response: 5344578
Conc: 5.48 ng/ml



#31 AR-1260-1

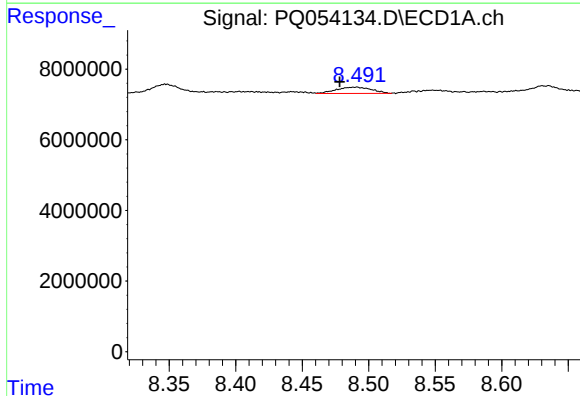
R.T.: 8.185 min
Delta R.T.: -0.029 min
Response: 3317069
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



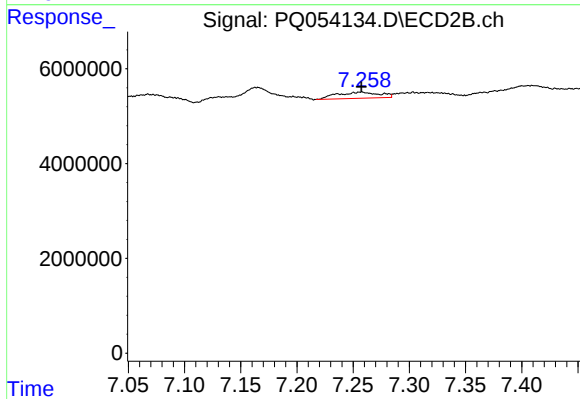
#31 AR-1260-1

R.T.: 7.068 min
Delta R.T.: 0.007 min
Response: 6637599
Conc: 8.86 ng/ml



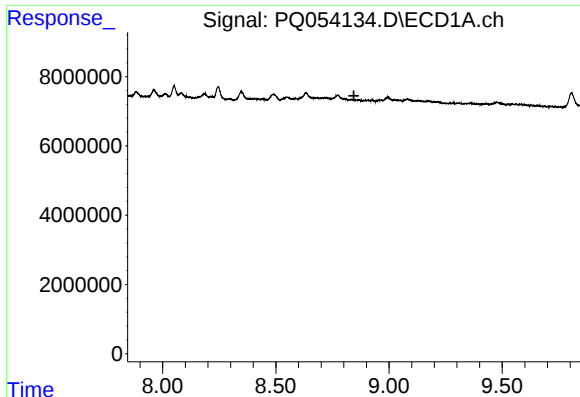
#32 AR-1260-2

R.T.: 8.490 min
Delta R.T.: 0.012 min
Response: 3214982
Conc: 2.83 ng/ml



#32 AR-1260-2

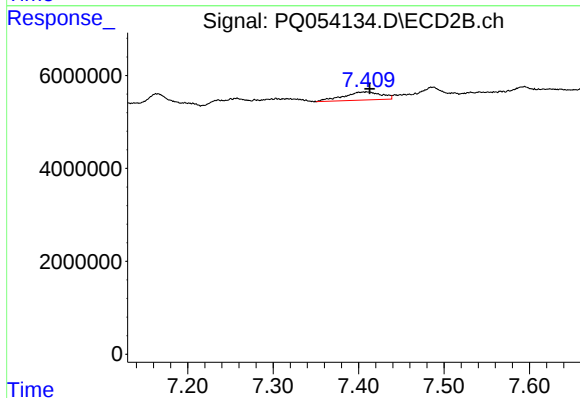
R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 3407509
Conc: 3.26 ng/ml



#33 AR-1260-3

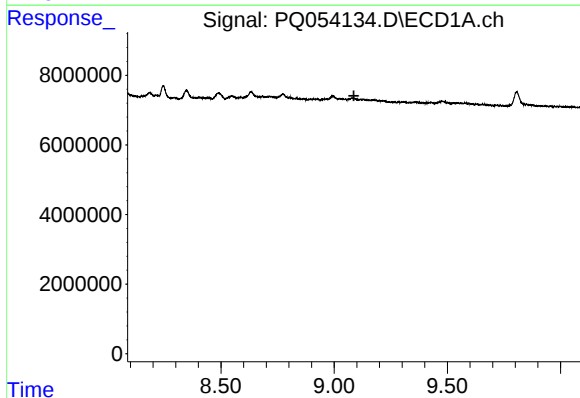
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



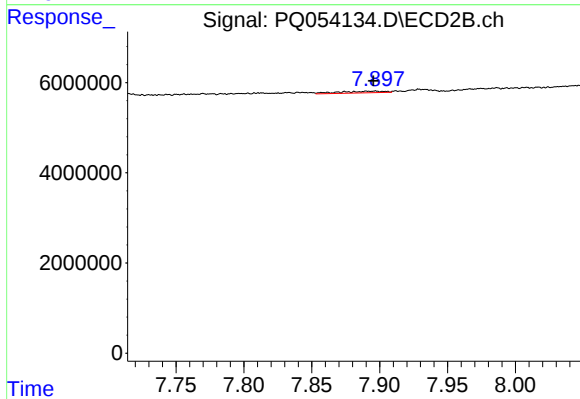
#33 AR-1260-3

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 5435164
Conc: 6.25 ng/ml



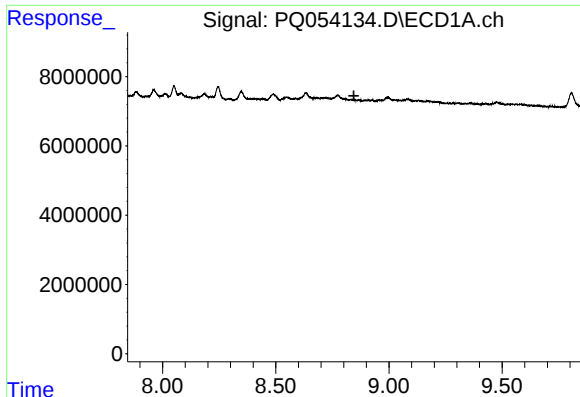
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 9.087 min
Response: 0
Conc: N.D.



#34 AR-1260-4

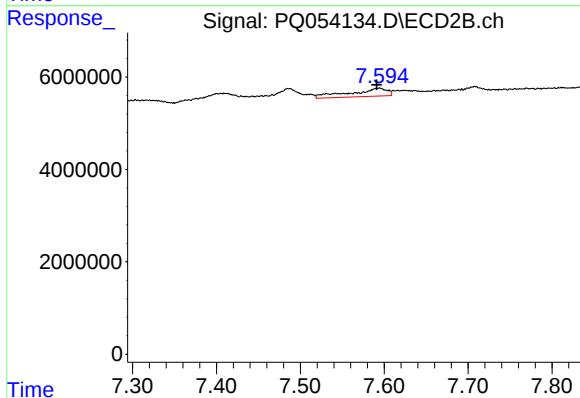
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 889968
Conc: 1.43 ng/ml



#36 AR-1262-1

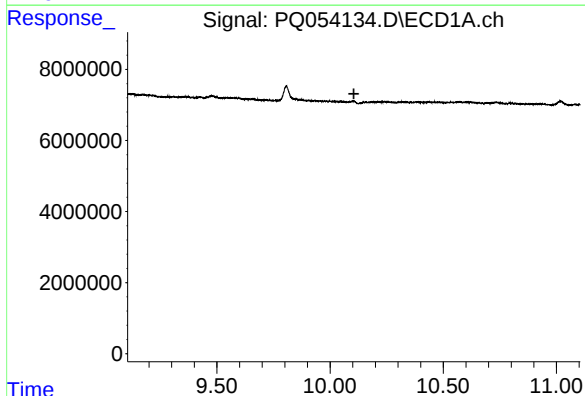
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



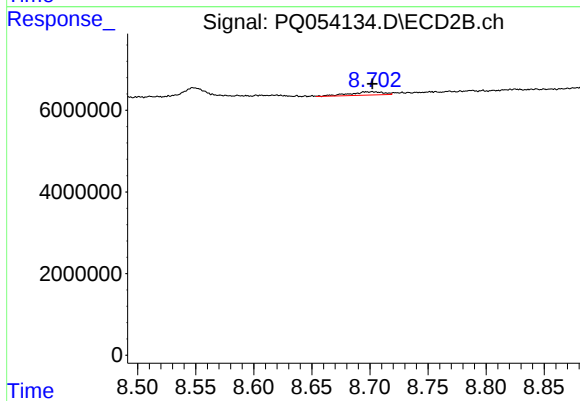
#36 AR-1262-1

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 5344578
Conc: 11.83 ng/ml



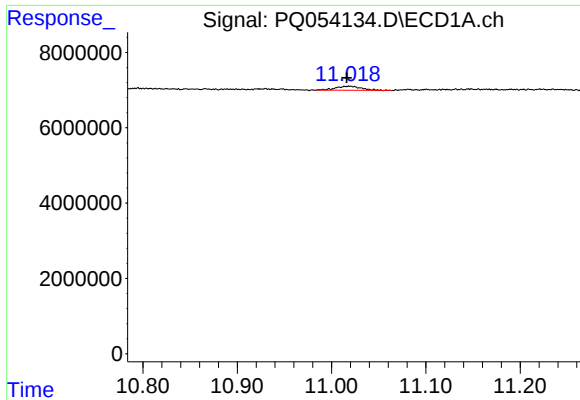
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.



#43 AR-1268-3

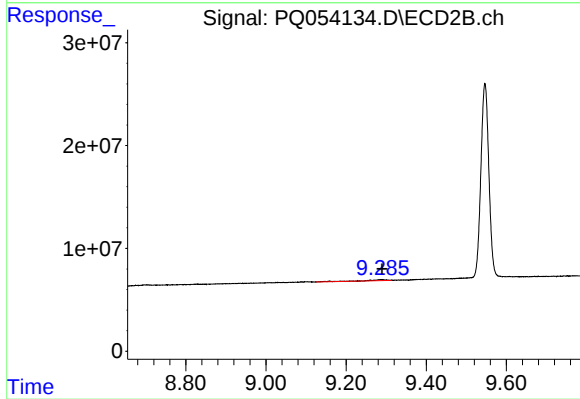
R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 1642926
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 11.019 min
Delta R.T.: 0.003 min
Response: 2096869
Conc: 0.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#45 AR-1268-5

R.T.: 9.287 min
Delta R.T.: -0.004 min
Response: 3287378
Conc: 0.70 ng/ml