

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040221\
 Data File : PR049707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Apr 2021 14:26
 Operator : DD\AJ
 Sample : M1458-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 01:18:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 03 08:12:17 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...	4.637	3.820	83630146	149.3E6	21.419	22.517
2)	SA Decachlor...	10.513	8.866	104.1E6	169.6E6	23.438	22.276
Target Compounds							
3)	L1 AR-1016-1	5.819	4.911	185088	94857	1.204	0.395 #
4)	L1 AR-1016-2	5.819f	4.911f	185088	94857	0.866	0.275 #
6)	L1 AR-1016-4	0.000	5.147	0	7995057	N.D.	57.507 #
7)	L1 AR-1016-5	6.298	5.361	2695790	4819341	25.161	25.650
8)	L2 AR-1221-1	4.864	0.000	2808183	0	67.936	N.D. #
9)	L2 AR-1221-2	4.950	4.123	1083104	2013906	34.715	40.977
12)	L3 AR-1232-2	0.000	4.911f	0	94857	N.D.	0.714 #
13)	L3 AR-1232-3	5.819f	0.000	185088	0	2.172	N.D. #
14)	L3 AR-1232-4	0.000	5.190	0	2193944	N.D.	37.320 #
15)	L3 AR-1232-5	6.091	5.361	4913618	4819341	148.581	73.001 #
16)	L4 AR-1242-1	5.819	4.911	185088	94857	1.651	0.541 #
17)	L4 AR-1242-2	5.819f	4.911f	185088	94857	1.172	0.378 #
19)	L4 AR-1242-4	0.000	5.190	0	2193944	N.D.	17.702 #
20)	L4 AR-1242-5	6.745	5.714	2959674	20459122	32.486	119.892 #
21)	L5 AR-1248-1	5.819	4.911	185088	94857	2.160	0.703 #
22)	L5 AR-1248-2	6.091	5.147	4913618	7995057	40.875	45.112
23)	L5 AR-1248-3	6.298	5.190	2695790	2193944	19.905	11.643 #
24)	L5 AR-1248-4	6.704	5.361	4746831	4819341	29.623	20.716 #
25)	L5 AR-1248-5	6.745	5.753	2959674	2624400	19.242	10.655 #
26)	L6 AR-1254-1	6.676	5.714	9675120	20459122	60.819	54.423
27)	L6 AR-1254-2	6.894	5.860	15195615	17980539	60.330	55.766
28)	L6 AR-1254-3	7.264	6.264	16112905	30042178	58.325	52.701
29)	L6 AR-1254-4	7.551	6.491	12497934	19271860	59.393	53.903
30)	L6 AR-1254-5	7.971	6.909	12842706	26080149	56.630	52.342
31)	L7 AR-1260-1	7.425	6.394	6808904	14653729	34.239	40.857
32)	L7 AR-1260-2	7.682	6.580	7233301	12329747	29.629	27.772
33)	L7 AR-1260-3	8.033	6.734	1424140	12001570	7.617	28.531 #
34)	L7 AR-1260-4	8.270	7.207	5108152	1348963	23.380	3.785 #
35)	L7 AR-1260-5	8.614	7.445	2163321	2828747	4.796	3.087 #
36)	L8 AR-1262-1	8.033	6.909	1424140	26080149	5.439	101.620 #
37)	L8 AR-1262-2	8.614	7.445	2163321	2828747	4.347	2.873 #
38)	L8 AR-1262-3	8.962f	0.000	1511788	0	4.597	N.D. #
39)	L8 AR-1262-4	9.024	7.792	301450	4485041	1.220	6.264 #
40)	L8 AR-1262-5	0.000	8.295	0	172333	N.D.	0.536 #
41)	L9 AR-1268-1	8.962f	0.000	1511788	0	2.578	N.D. #
42)	L9 AR-1268-2	9.024	7.792	301450	4485041	0.560	4.239 #
43)	L9 AR-1268-3	0.000	8.006	0	783670	N.D.	0.894 #
44)	L9 AR-1268-4	0.000	8.295	0	172333	N.D.	0.473 #
45)	L9 AR-1268-5	10.159	8.599	1174172	1402868	0.717	0.461 #

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Misc : AR1254 LOQ 50 PPB
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Instrument :
ECD_R
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 01:18:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040221.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Apr 03 08:12:17 2021
Response via : Initial Calibration
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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
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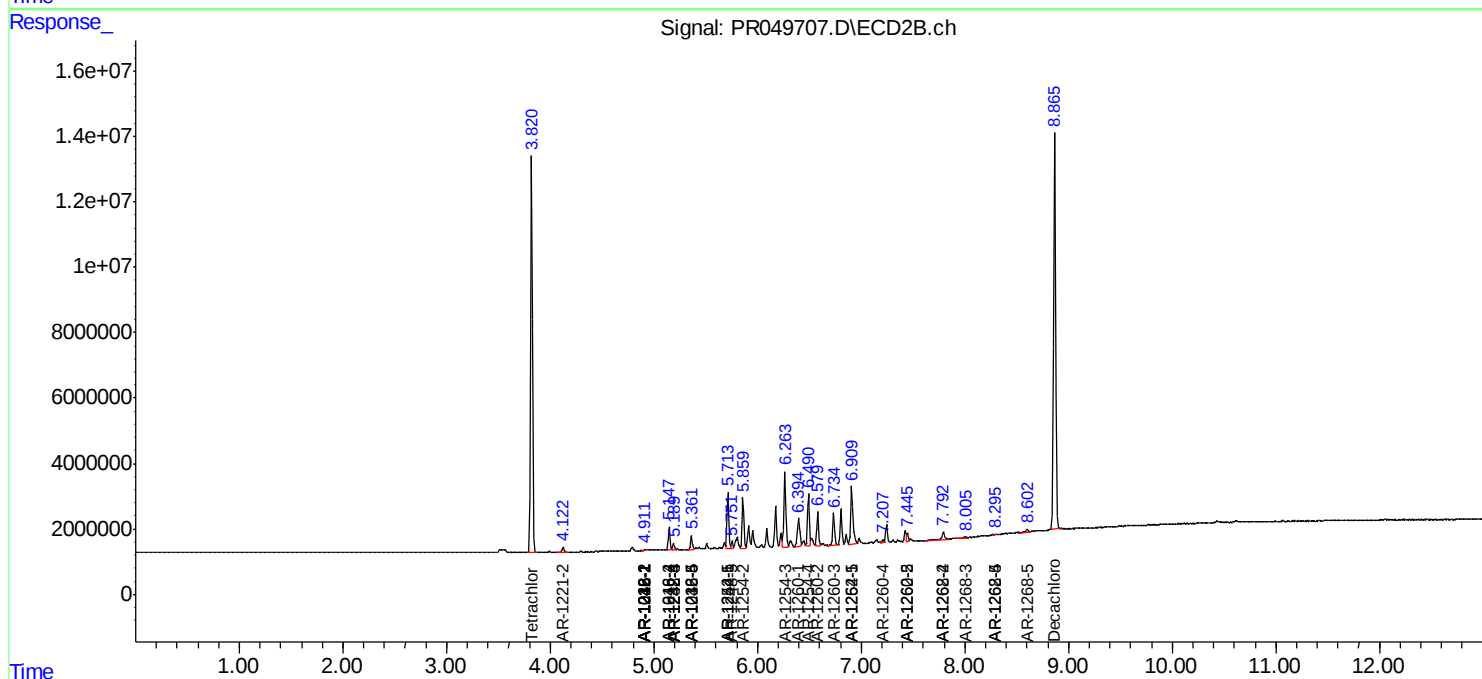
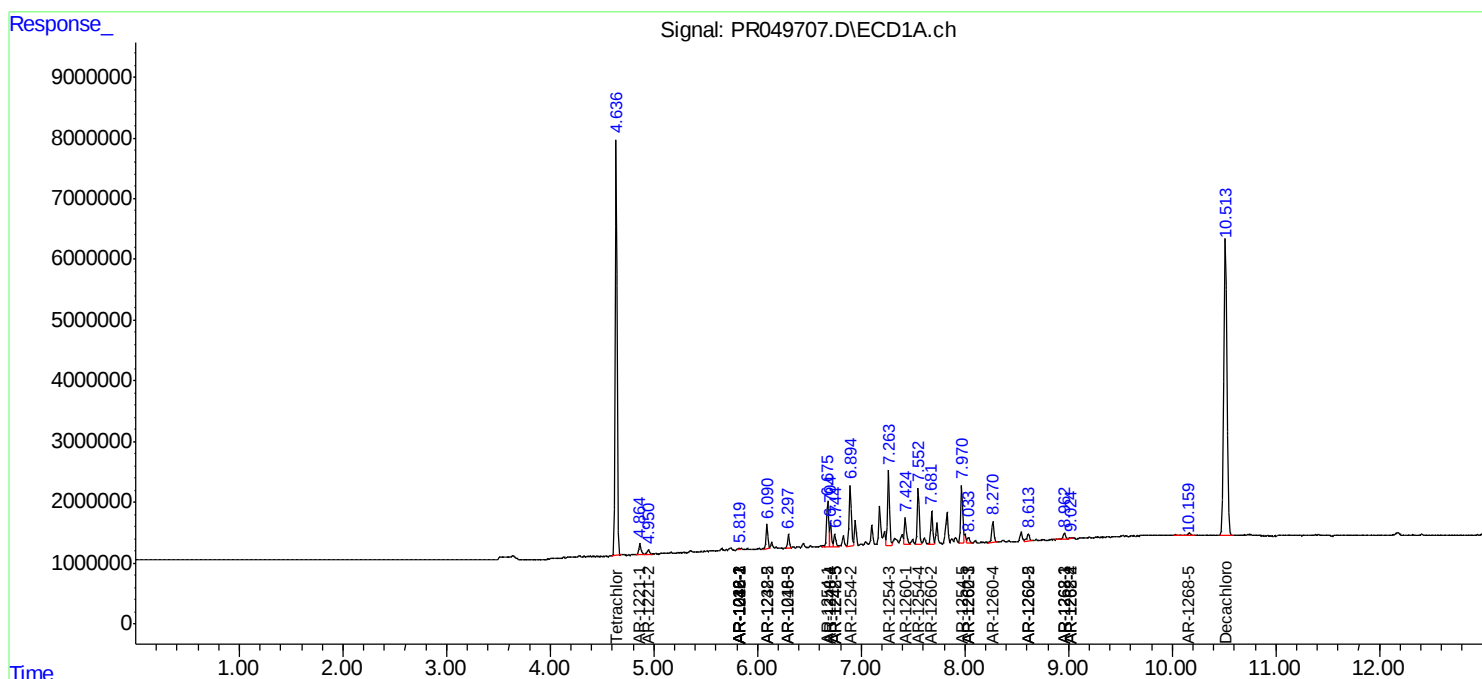
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

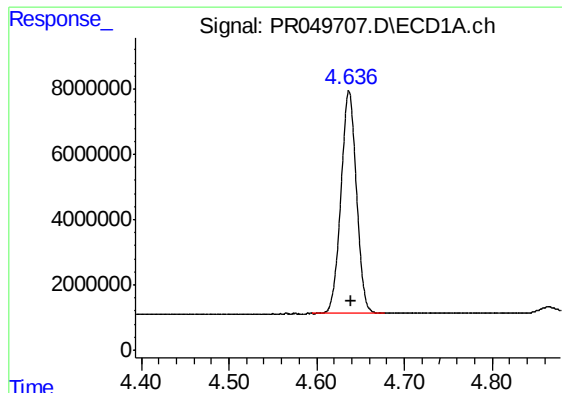
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040221\
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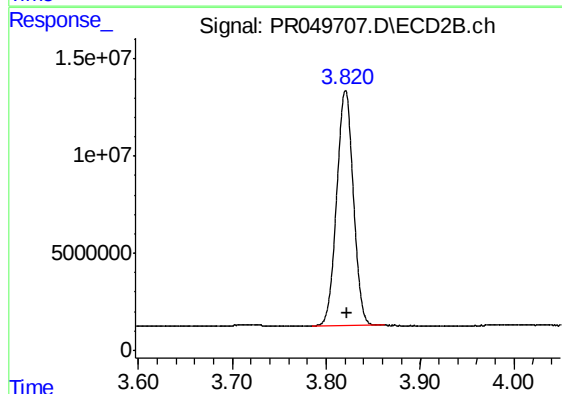




#1 Tetrachloro-m-xylene

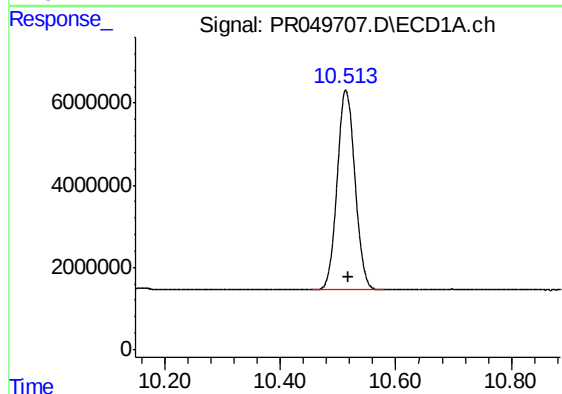
R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 83630146
Conc: 21.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



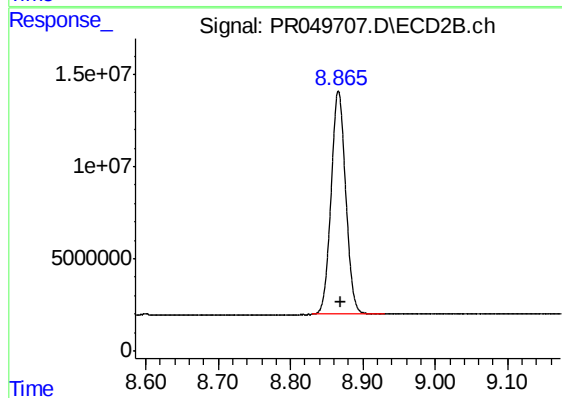
#1 Tetrachloro-m-xylene

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 149326741
Conc: 22.52 ng/ml



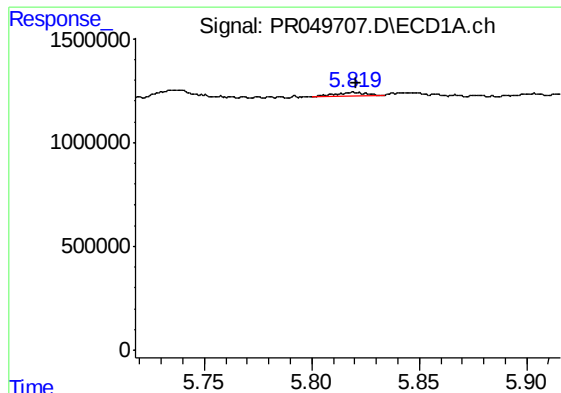
#2 Decachlorobiphenyl

R.T.: 10.513 min
Delta R.T.: -0.004 min
Response: 104138363
Conc: 23.44 ng/ml



#2 Decachlorobiphenyl

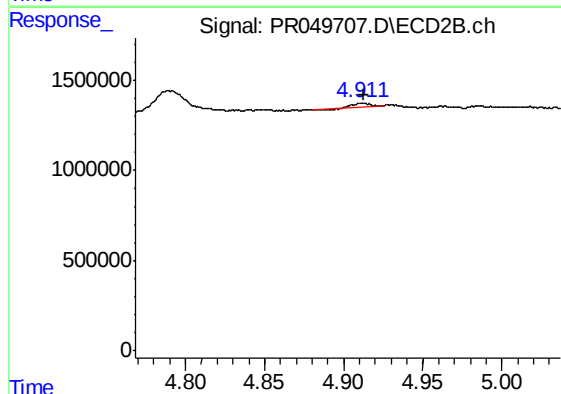
R.T.: 8.866 min
Delta R.T.: -0.003 min
Response: 169593010
Conc: 22.28 ng/ml



#3 AR-1016-1

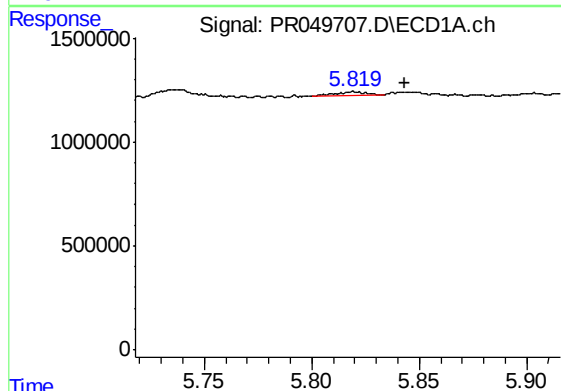
R.T.: 5.819 min
Delta R.T.: -0.001 min
Response: 185088
Conc: 1.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



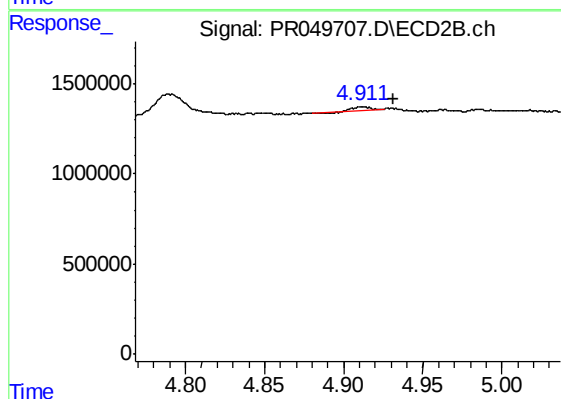
#3 AR-1016-1

R.T.: 4.911 min
Delta R.T.: -0.001 min
Response: 94857
Conc: 0.40 ng/ml



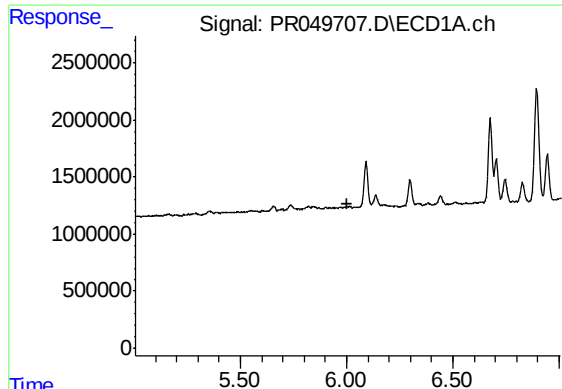
#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: -0.024 min
Response: 185088
Conc: 0.87 ng/ml



#4 AR-1016-2

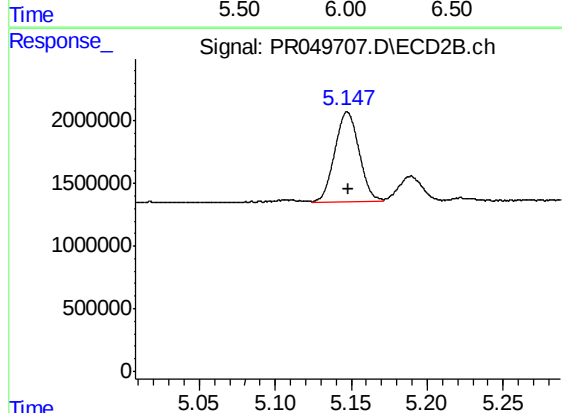
R.T.: 4.911 min
Delta R.T.: -0.020 min
Response: 94857
Conc: 0.27 ng/ml



#6 AR-1016-4

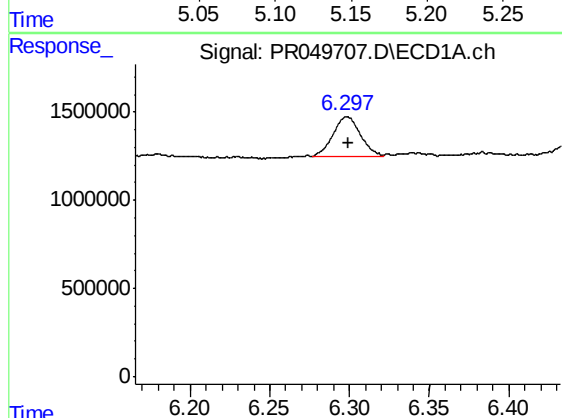
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



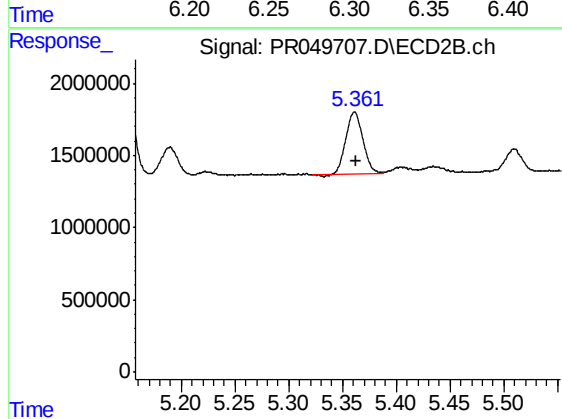
#6 AR-1016-4

R.T.: 5.147 min
Delta R.T.: -0.001 min
Response: 7995057
Conc: 57.51 ng/ml



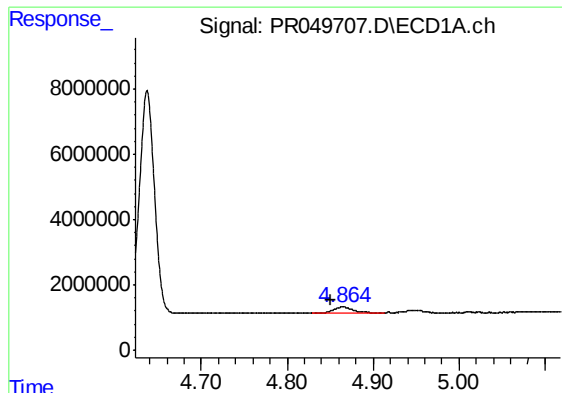
#7 AR-1016-5

R.T.: 6.298 min
Delta R.T.: -0.001 min
Response: 2695790
Conc: 25.16 ng/ml



#7 AR-1016-5

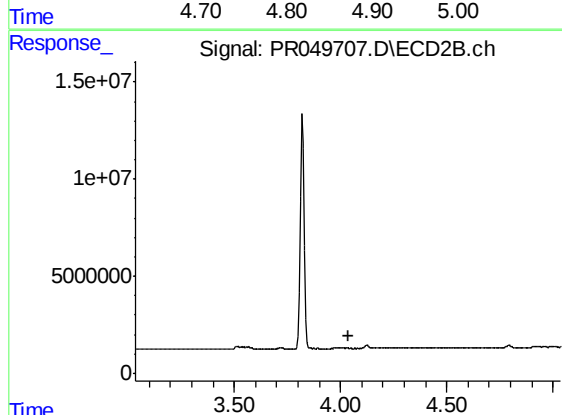
R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 4819341
Conc: 25.65 ng/ml



#8 AR-1221-1

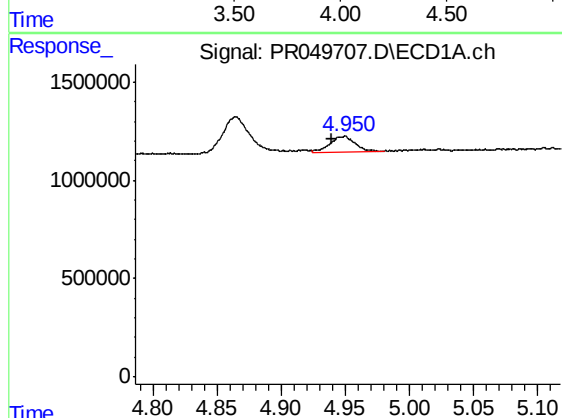
R.T.: 4.864 min
Delta R.T.: 0.014 min
Response: 2808183
Conc: 67.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



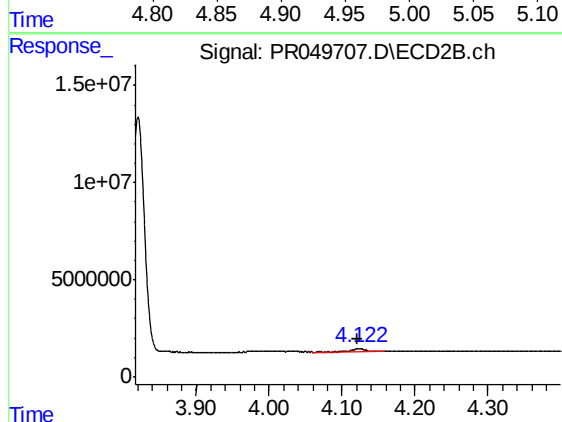
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.035 min
Response: 0
Conc: N.D.



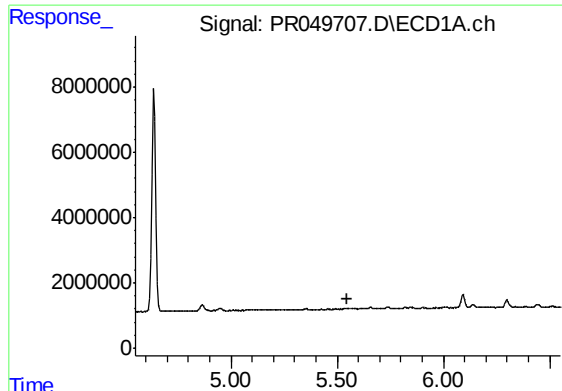
#9 AR-1221-2

R.T.: 4.950 min
Delta R.T.: 0.011 min
Response: 1083104
Conc: 34.71 ng/ml



#9 AR-1221-2

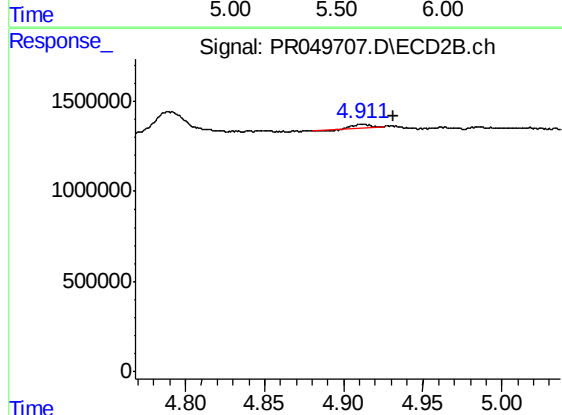
R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 2013906
Conc: 40.98 ng/ml



#12 AR-1232-2

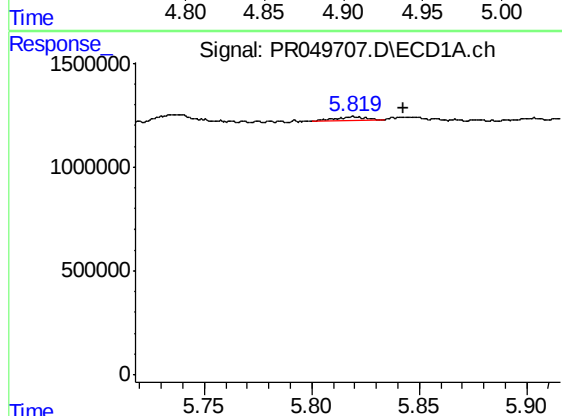
R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



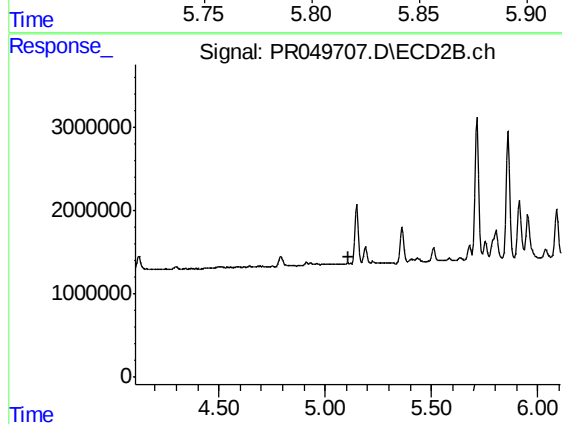
#12 AR-1232-2

R.T.: 4.911 min
Delta R.T.: -0.020 min
Response: 94857
Conc: 0.71 ng/ml



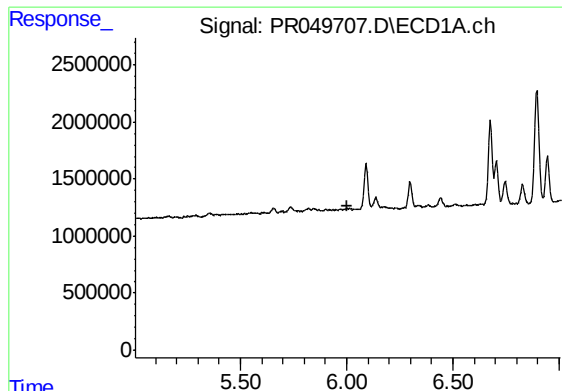
#13 AR-1232-3

R.T.: 5.819 min
Delta R.T.: -0.023 min
Response: 185088
Conc: 2.17 ng/ml



#13 AR-1232-3

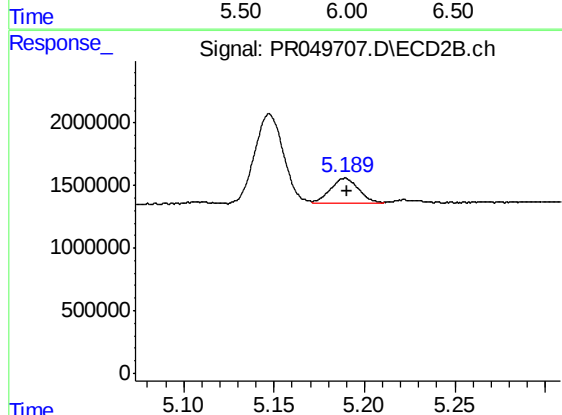
R.T.: 0.000 min
Exp R.T. : 5.107 min
Response: 0
Conc: N.D.



#14 AR-1232-4

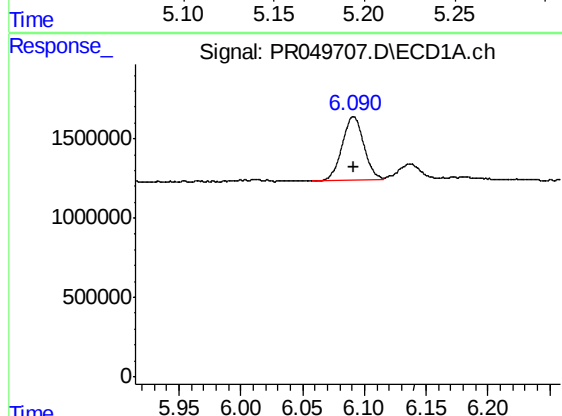
R.T.: 0.000 min
Exp R.T.: 6.006 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



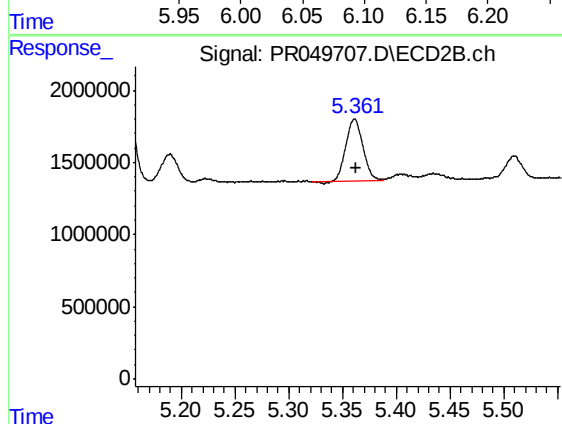
#14 AR-1232-4

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 2193944
Conc: 37.32 ng/ml



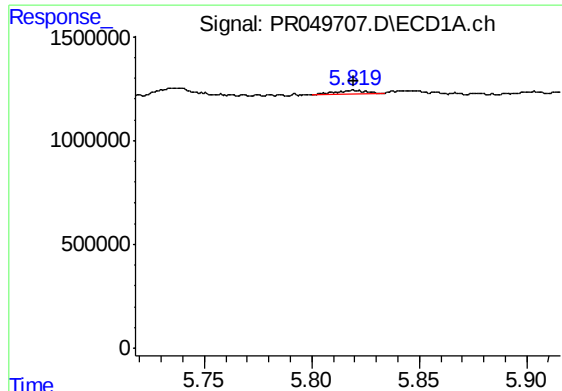
#15 AR-1232-5

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 4913618
Conc: 148.58 ng/ml



#15 AR-1232-5

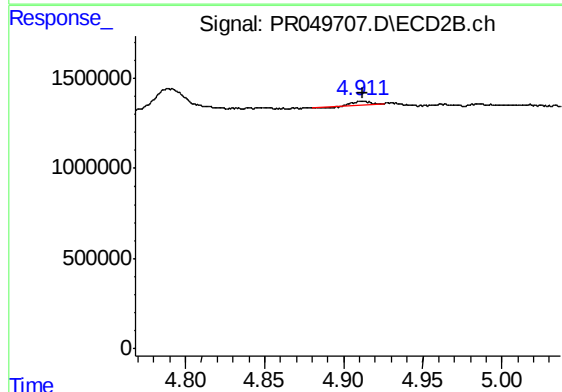
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 4819341
Conc: 73.00 ng/ml



#16 AR-1242-1

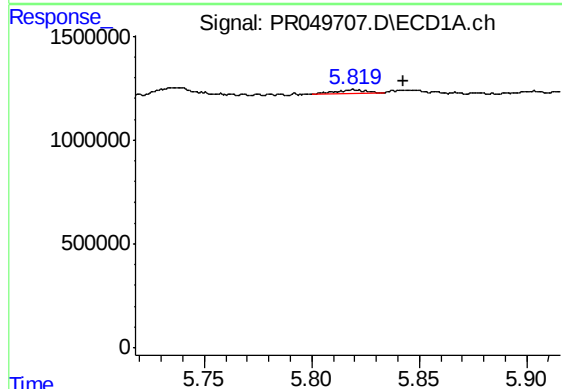
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 185088
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
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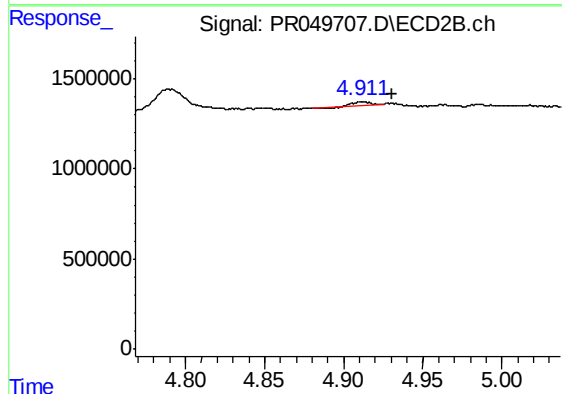
#16 AR-1242-1

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 94857
Conc: 0.54 ng/ml



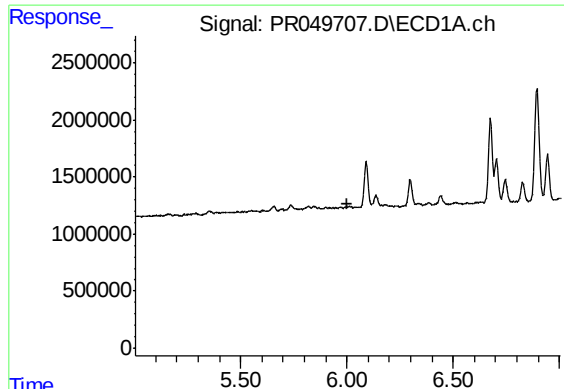
#17 AR-1242-2

R.T.: 5.819 min
Delta R.T.: -0.023 min
Response: 185088
Conc: 1.17 ng/ml



#17 AR-1242-2

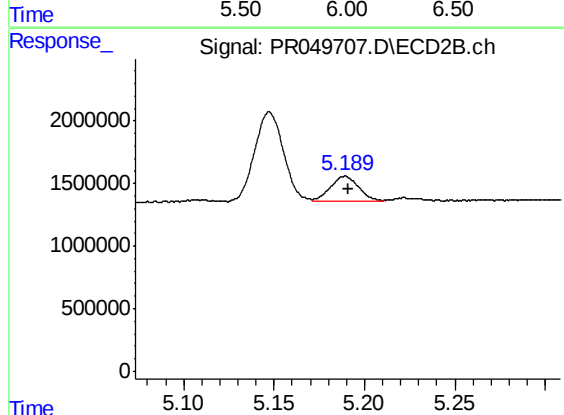
R.T.: 4.911 min
Delta R.T.: -0.019 min
Response: 94857
Conc: 0.38 ng/ml



#19 AR-1242-4

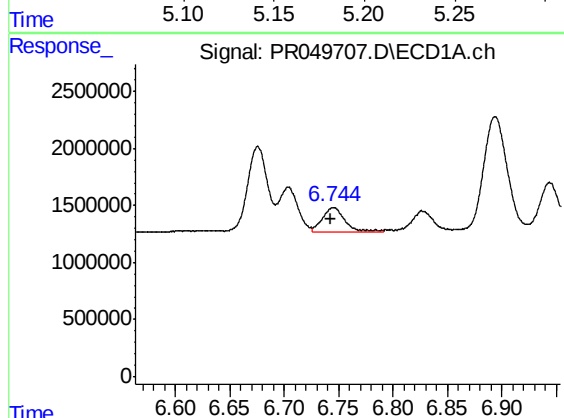
R.T.: 0.000 min
Exp R.T.: 6.005 min
Response: 0
Conc: N.D.

Instrument :
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ClientSampleId :
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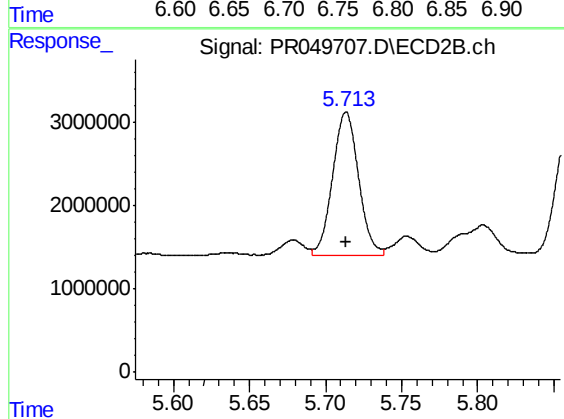
#19 AR-1242-4

R.T.: 5.190 min
Delta R.T.: -0.001 min
Response: 2193944
Conc: 17.70 ng/ml



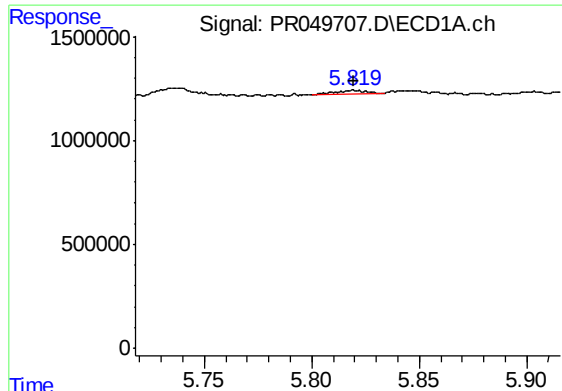
#20 AR-1242-5

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 2959674
Conc: 32.49 ng/ml



#20 AR-1242-5

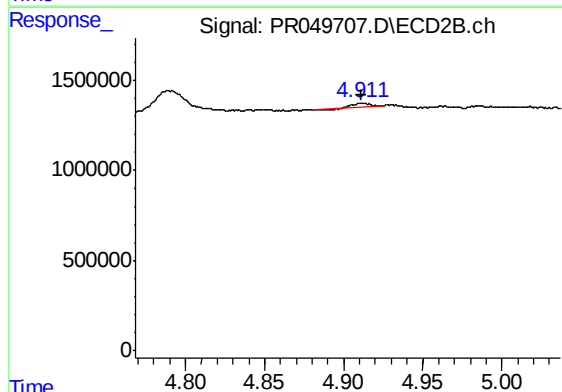
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 20459122
Conc: 119.89 ng/ml



#21 AR-1248-1

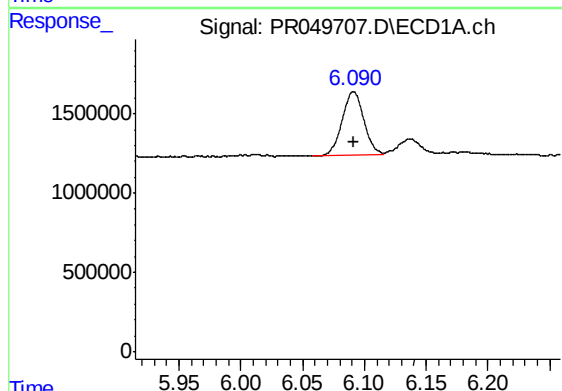
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 185088
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



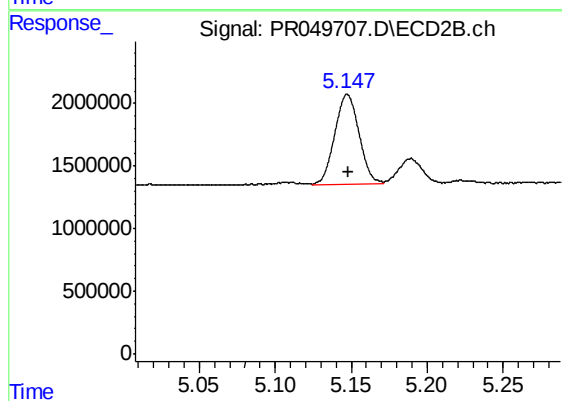
#21 AR-1248-1

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 94857
Conc: 0.70 ng/ml



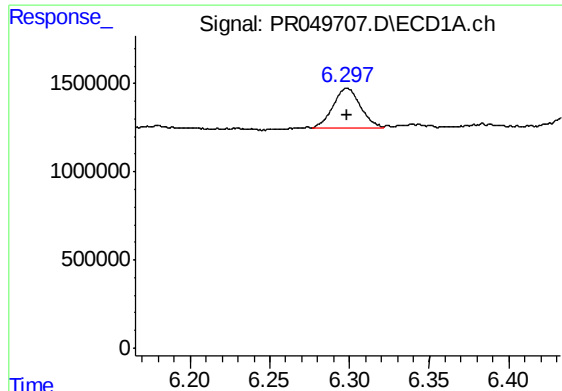
#22 AR-1248-2

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 4913618
Conc: 40.87 ng/ml



#22 AR-1248-2

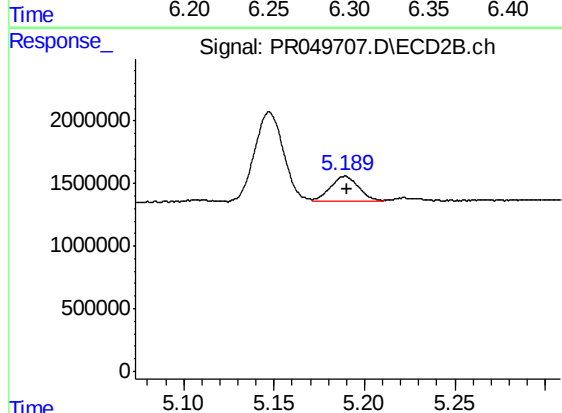
R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 7995057
Conc: 45.11 ng/ml



#23 AR-1248-3

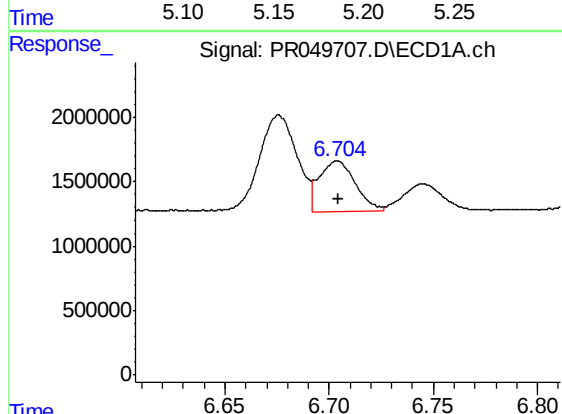
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 2695790
Conc: 19.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



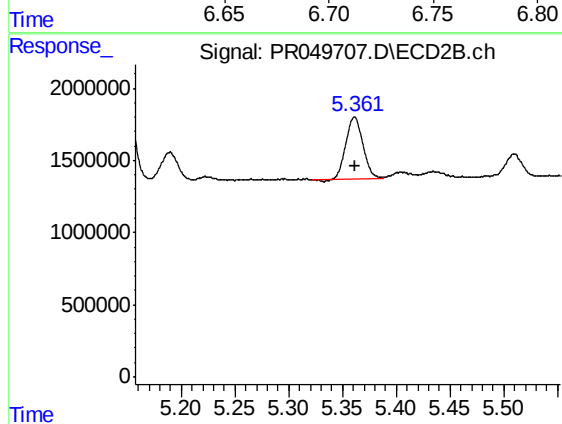
#23 AR-1248-3

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 2193944
Conc: 11.64 ng/ml



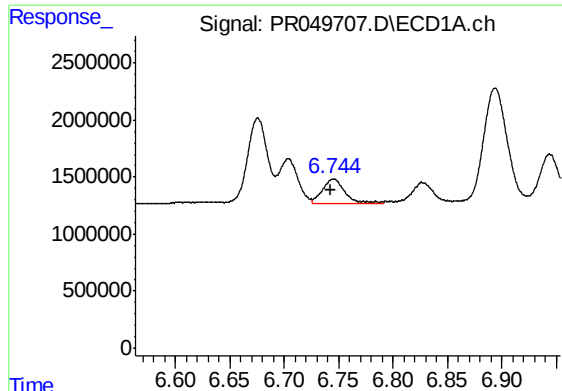
#24 AR-1248-4

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 4746831
Conc: 29.62 ng/ml



#24 AR-1248-4

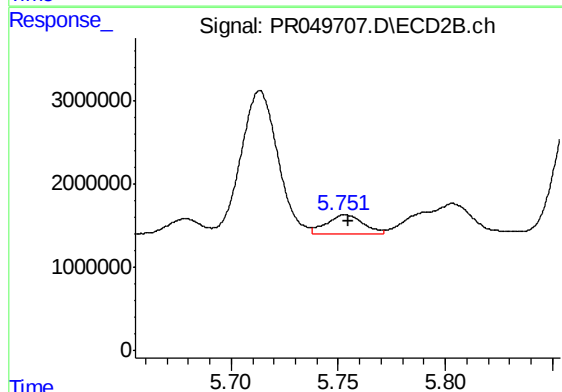
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 4819341
Conc: 20.72 ng/ml



#25 AR-1248-5

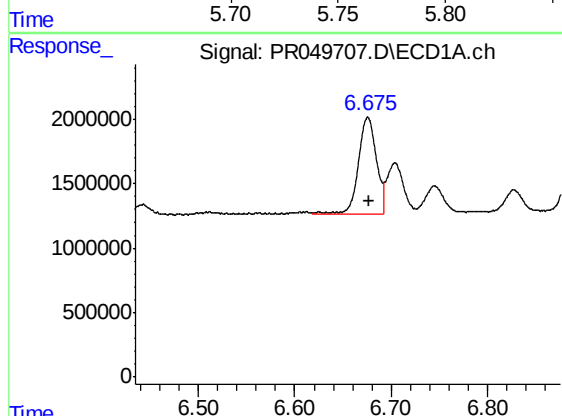
R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 2959674
Conc: 19.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



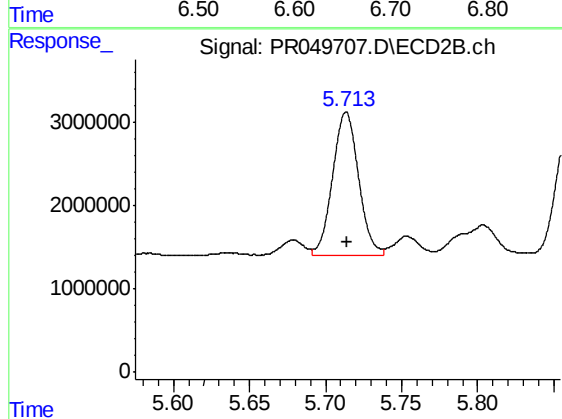
#25 AR-1248-5

R.T.: 5.753 min
Delta R.T.: -0.002 min
Response: 2624400
Conc: 10.66 ng/ml



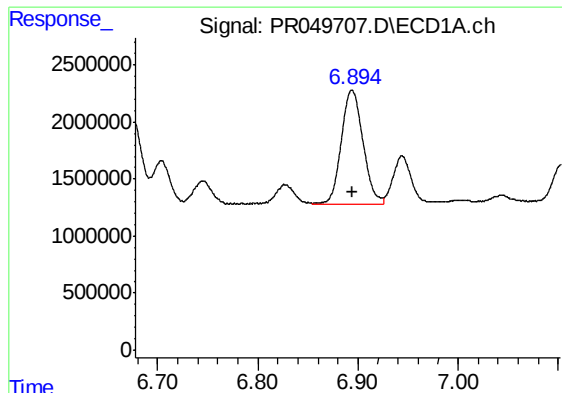
#26 AR-1254-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 9675120
Conc: 60.82 ng/ml



#26 AR-1254-1

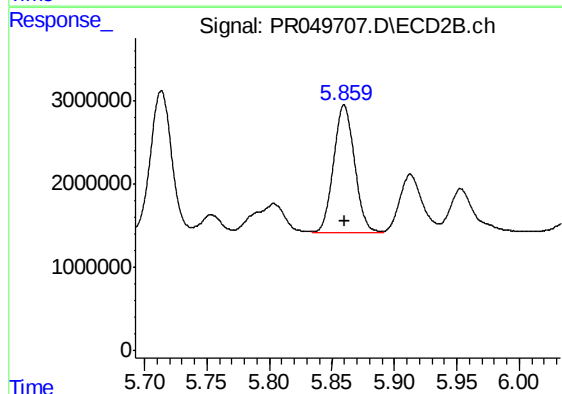
R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 20459122
Conc: 54.42 ng/ml



#27 AR-1254-2

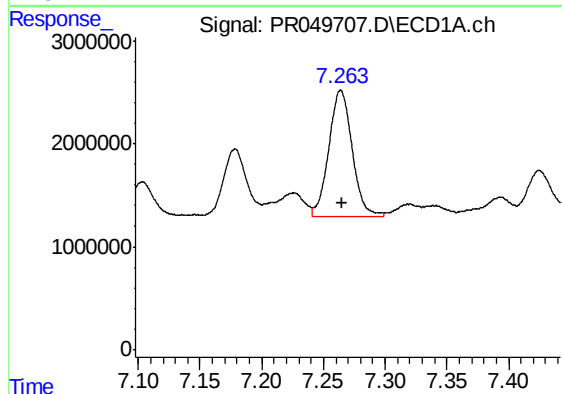
R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 15195615
Conc: 60.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



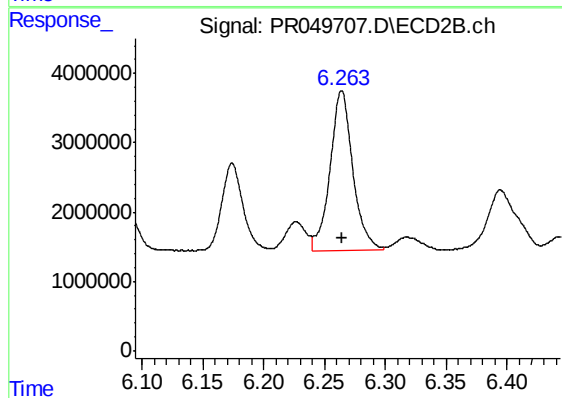
#27 AR-1254-2

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 17980539
Conc: 55.77 ng/ml



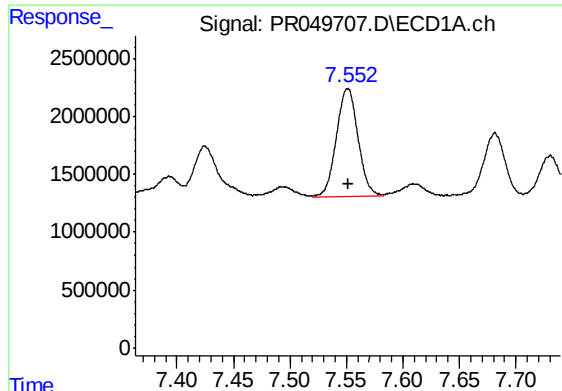
#28 AR-1254-3

R.T.: 7.264 min
Delta R.T.: 0.000 min
Response: 16112905
Conc: 58.32 ng/ml



#28 AR-1254-3

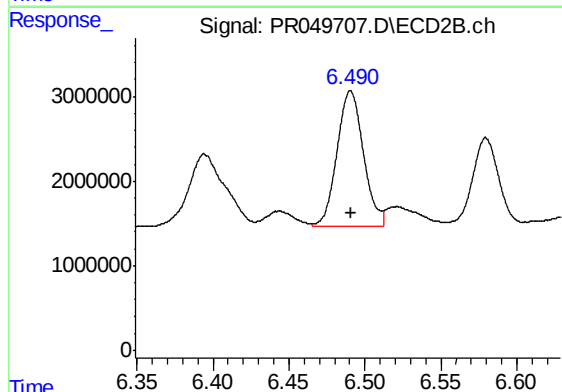
R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 30042178
Conc: 52.70 ng/ml



#29 AR-1254-4

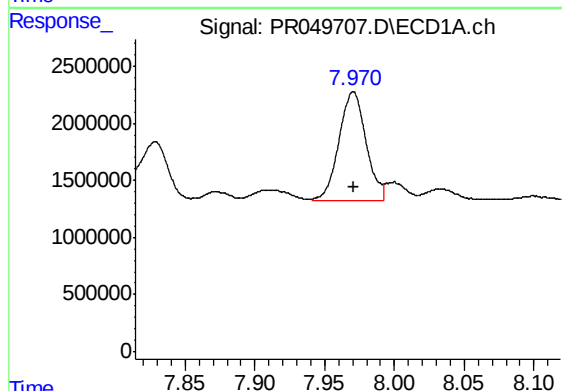
R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 12497934
Conc: 59.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



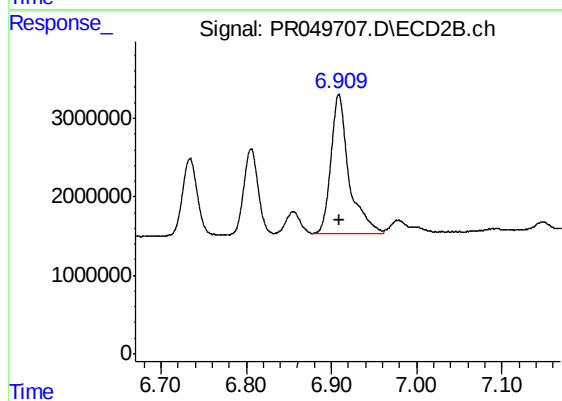
#29 AR-1254-4

R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 19271860
Conc: 53.90 ng/ml



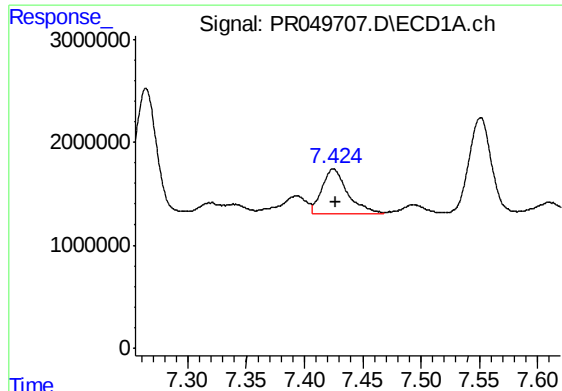
#30 AR-1254-5

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 12842706
Conc: 56.63 ng/ml



#30 AR-1254-5

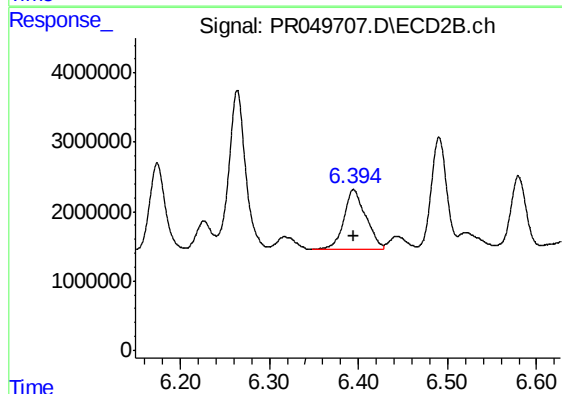
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 26080149
Conc: 52.34 ng/ml



#31 AR-1260-1

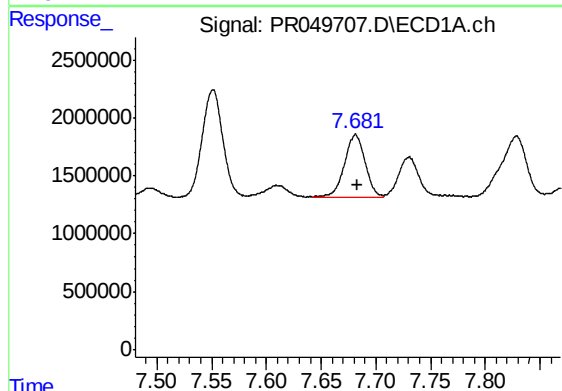
R.T.: 7.425 min
Delta R.T.: -0.002 min
Response: 6808904
Conc: 34.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



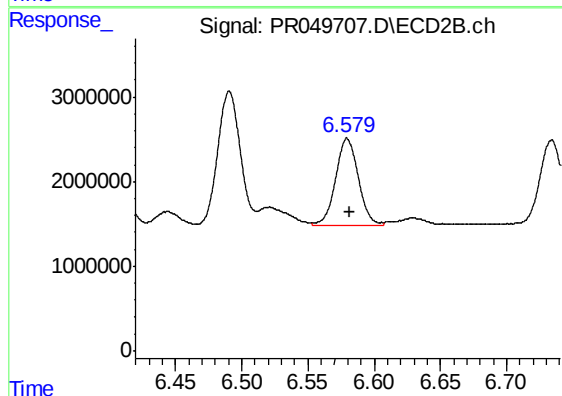
#31 AR-1260-1

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 14653729
Conc: 40.86 ng/ml



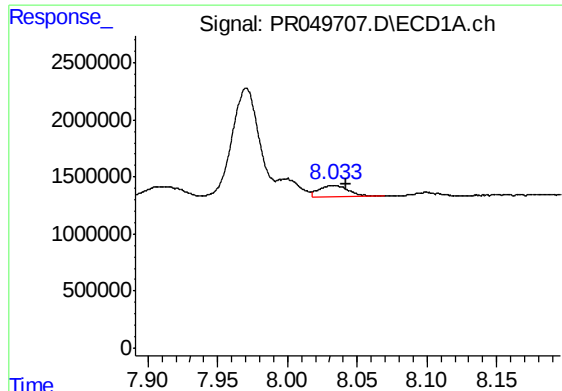
#32 AR-1260-2

R.T.: 7.682 min
Delta R.T.: -0.002 min
Response: 7233301
Conc: 29.63 ng/ml



#32 AR-1260-2

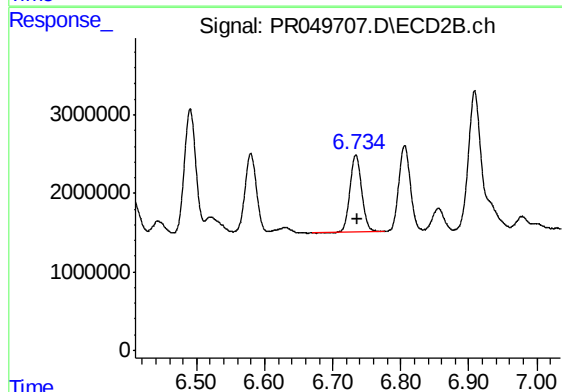
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 12329747
Conc: 27.77 ng/ml



#33 AR-1260-3

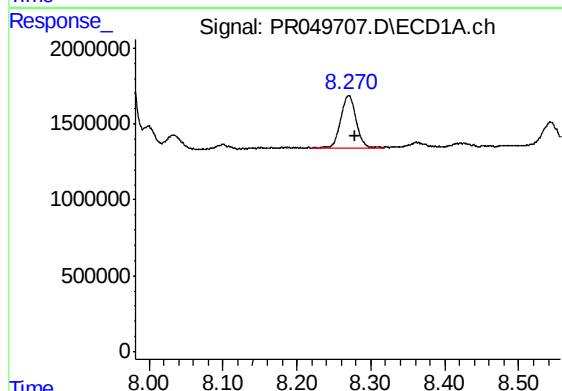
R.T.: 8.033 min
Delta R.T.: -0.009 min
Response: 1424140
Conc: 7.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



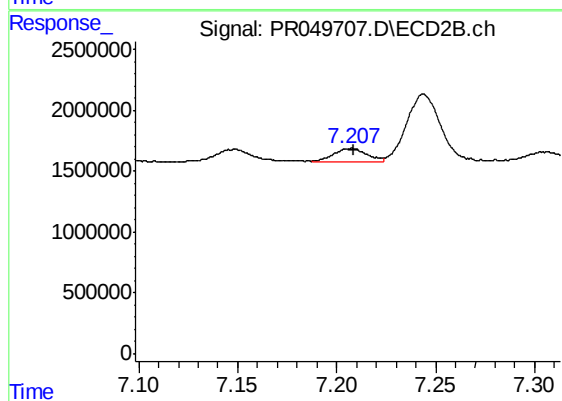
#33 AR-1260-3

R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 12001570
Conc: 28.53 ng/ml



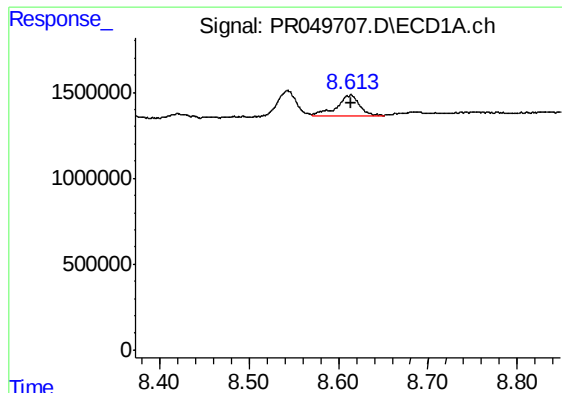
#34 AR-1260-4

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 5108152
Conc: 23.38 ng/ml



#34 AR-1260-4

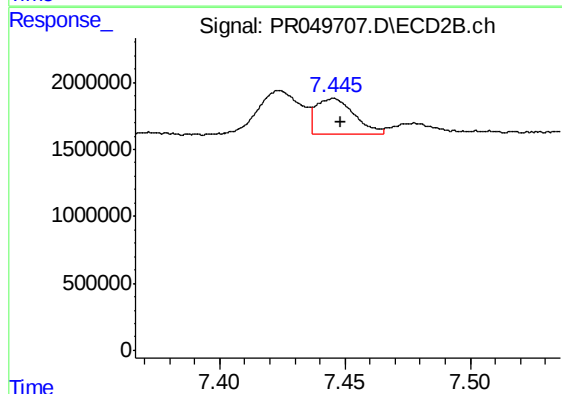
R.T.: 7.207 min
Delta R.T.: -0.002 min
Response: 1348963
Conc: 3.78 ng/ml



#35 AR-1260-5

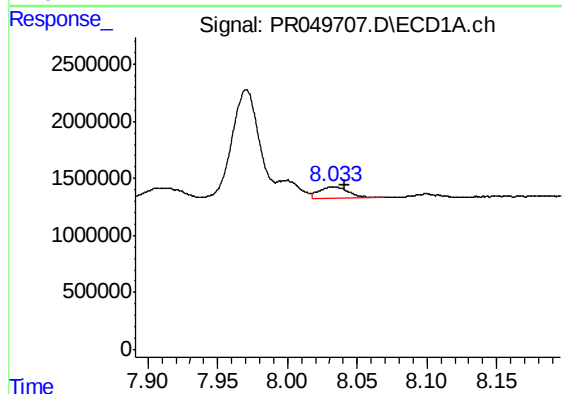
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 2163321
Conc: 4.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



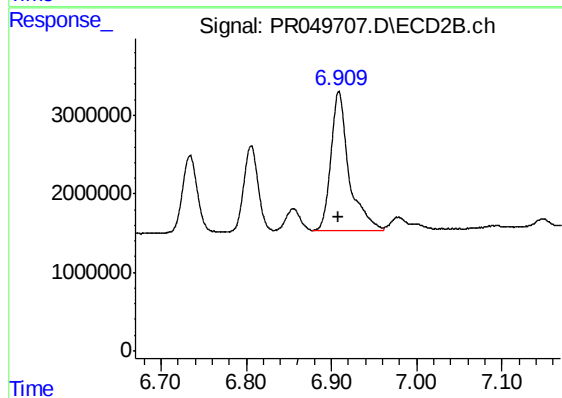
#35 AR-1260-5

R.T.: 7.445 min
Delta R.T.: -0.003 min
Response: 2828747
Conc: 3.09 ng/ml



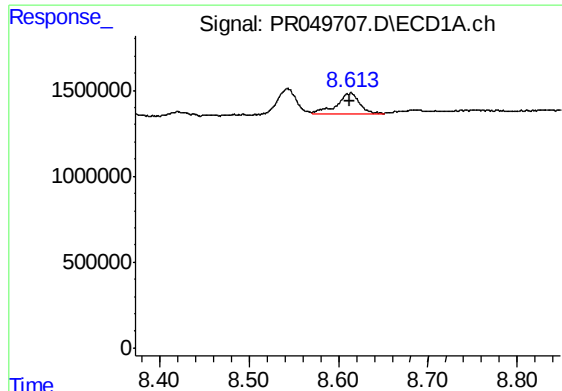
#36 AR-1262-1

R.T.: 8.033 min
Delta R.T.: -0.008 min
Response: 1424140
Conc: 5.44 ng/ml



#36 AR-1262-1

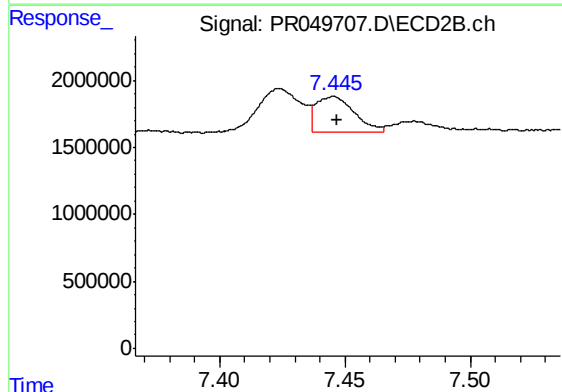
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 26080149
Conc: 101.62 ng/ml



#37 AR-1262-2

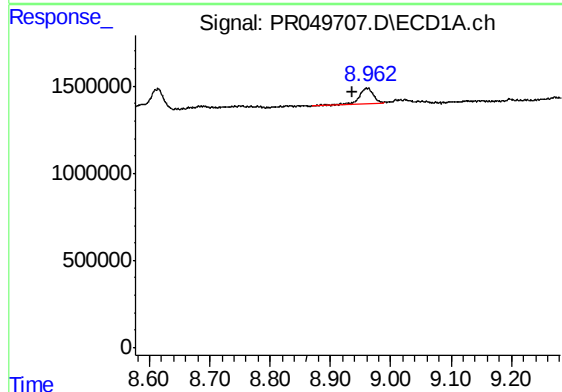
R.T.: 8.614 min
Delta R.T.: 0.000 min
Response: 2163321
Conc: 4.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



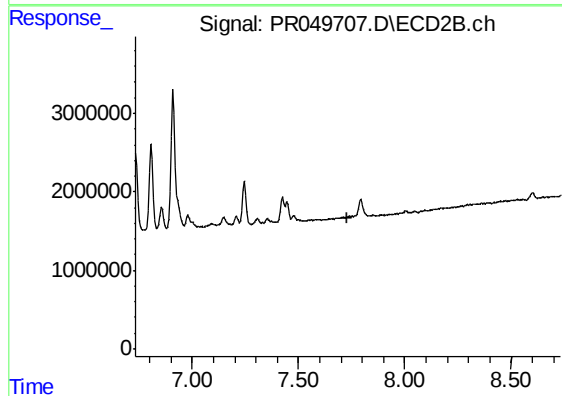
#37 AR-1262-2

R.T.: 7.445 min
Delta R.T.: -0.001 min
Response: 2828747
Conc: 2.87 ng/ml



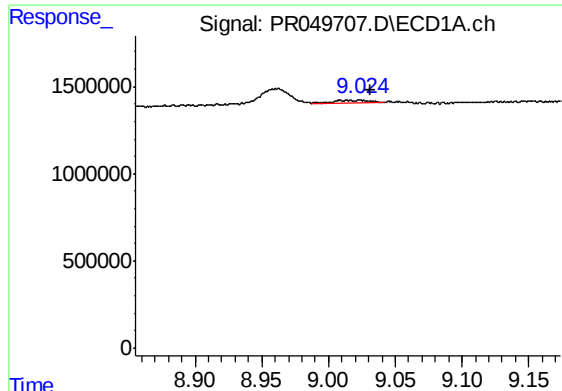
#38 AR-1262-3

R.T.: 8.962 min
Delta R.T.: 0.026 min
Response: 1511788
Conc: 4.60 ng/ml



#38 AR-1262-3

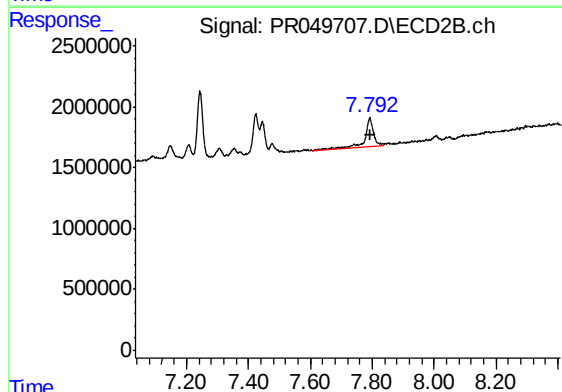
R.T.: 0.000 min
Exp R.T. : 7.732 min
Response: 0
Conc: N.D.



#39 AR-1262-4

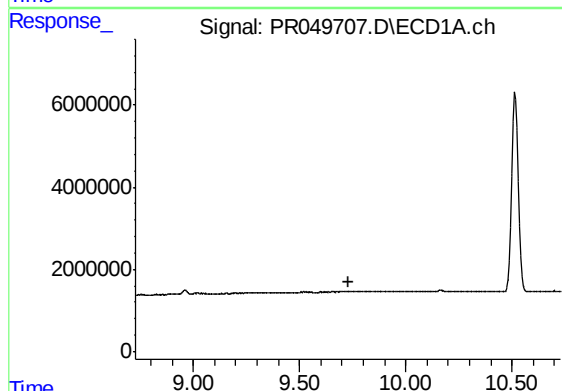
R.T.: 9.024 min
Delta R.T.: -0.007 min
Response: 301450
Conc: 1.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



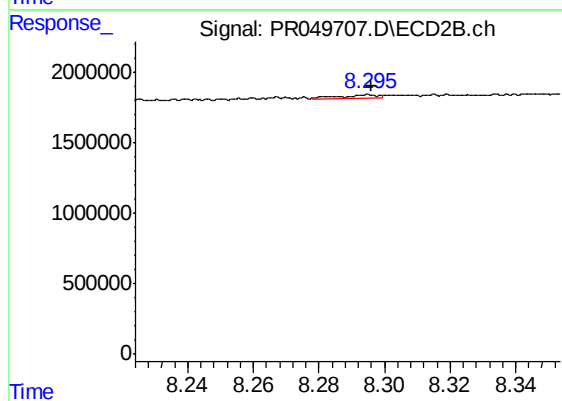
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: -0.003 min
Response: 4485041
Conc: 6.26 ng/ml



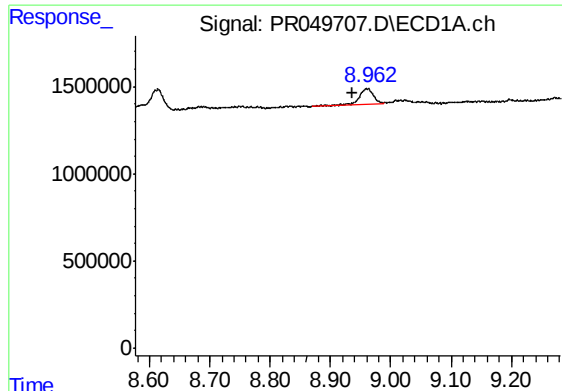
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.728 min
Response: 0
Conc: N.D.



#40 AR-1262-5

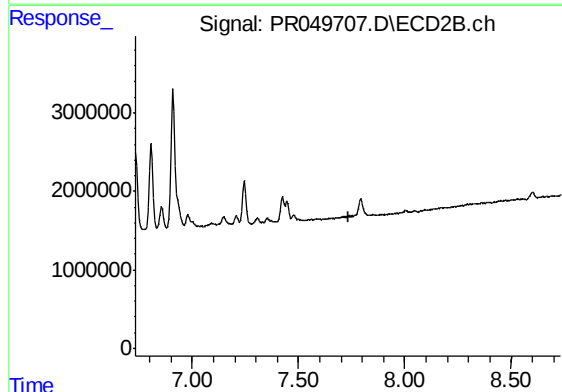
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 172333
Conc: 0.54 ng/ml



#41 AR-1268-1

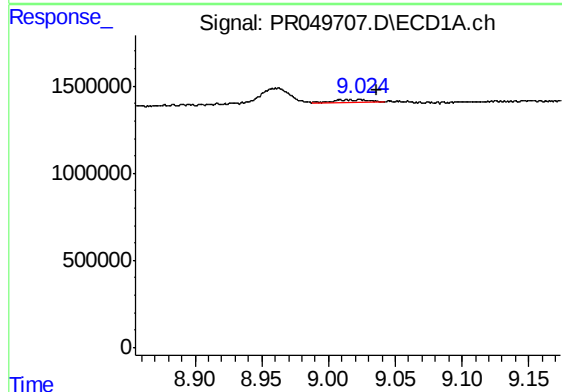
R.T.: 8.962 min
Delta R.T.: 0.027 min
Response: 1511788
Conc: 2.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



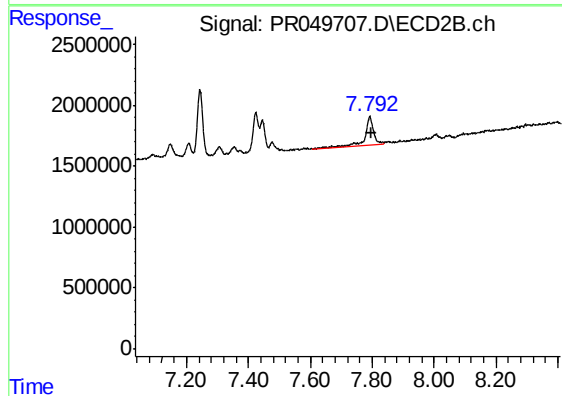
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.732 min
Response: 0
Conc: N.D.



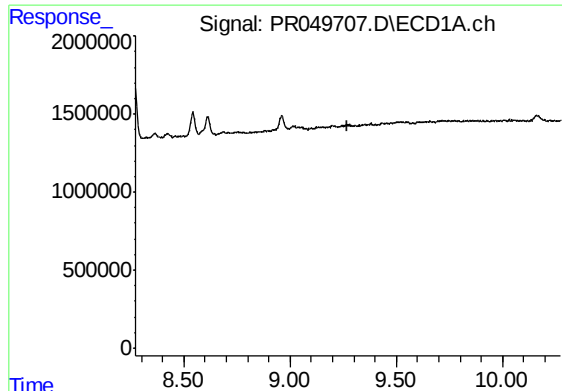
#42 AR-1268-2

R.T.: 9.024 min
Delta R.T.: -0.013 min
Response: 301450
Conc: 0.56 ng/ml



#42 AR-1268-2

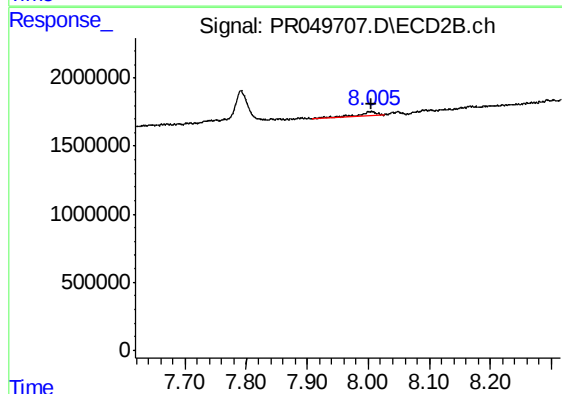
R.T.: 7.792 min
Delta R.T.: -0.005 min
Response: 4485041
Conc: 4.24 ng/ml



#43 AR-1268-3

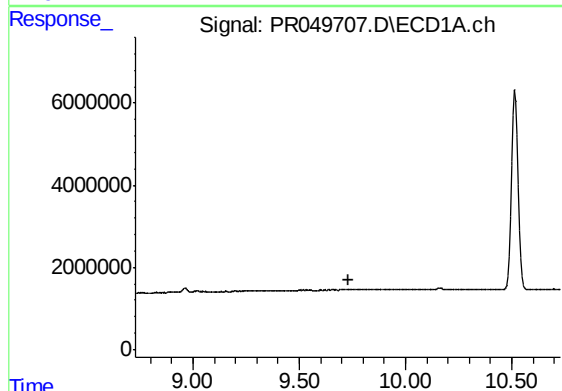
R.T.: 0.000 min
Exp R.T. : 9.272 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



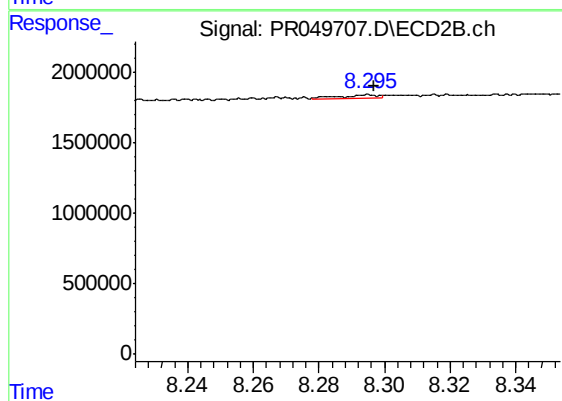
#43 AR-1268-3

R.T.: 8.006 min
Delta R.T.: 0.000 min
Response: 783670
Conc: 0.89 ng/ml



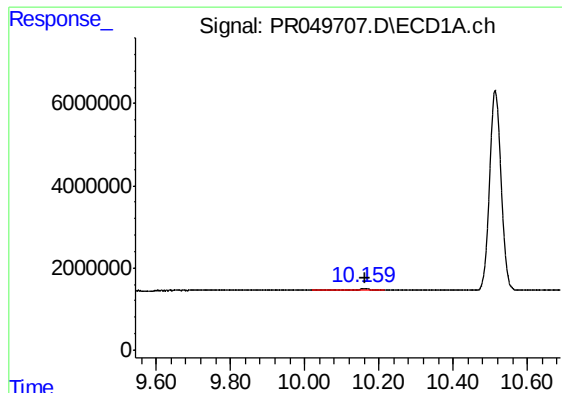
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.729 min
Response: 0
Conc: N.D.



#44 AR-1268-4

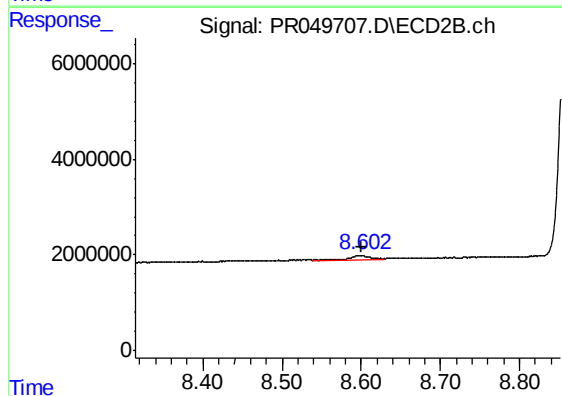
R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 172333
Conc: 0.47 ng/ml



#45 AR-1268-5

R.T.: 10.159 min
Delta R.T.: -0.003 min
Response: 1174172
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT1-2021



#45 AR-1268-5

R.T.: 8.599 min
Delta R.T.: -0.002 min
Response: 1402868
Conc: 0.46 ng/ml