

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
 Data File : PR042356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2019 16:33
 Operator : SM\AJ
 Sample : K5111-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 00:12:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 2019
 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...	4.726	3.983	56285776	219.3E6	11.819	12.880
2)	SA Decachlor...	10.651	9.097	49203839	142.2E6	14.073	14.011
Target Compounds							
3)	L1 AR-1016-1	5.904	5.082	4974413	19164627	31.825	35.935
4)	L1 AR-1016-2	5.928	5.102	6727973	25608724	30.227	34.843
5)	L1 AR-1016-3	5.991	5.281	3991234	10762481	30.213	33.156
6)	L1 AR-1016-4	6.091	5.320	3396114	8313505	31.380	31.832
7)	L1 AR-1016-5	6.385	5.537	2896691	5292324	26.778	17.856 #
10)	L2 AR-1221-3	0.000	4.362	0	9900683	N.D.	24.598 #
11)	L3 AR-1232-1	0.000	4.362	0	9900683	N.D.	17.048 #
12)	L3 AR-1232-2	5.637	5.102	2987207	25608724	37.910	45.495
13)	L3 AR-1232-3	5.928	5.281	6727973	10762481	40.154	42.552
14)	L3 AR-1232-4	6.091	5.364	3396114	8862899	41.438	42.060
15)	L3 AR-1232-5	0.000	5.537	0	5292324	N.D.	25.231 #
16)	L4 AR-1242-1	5.904	5.082	4974413	19164627	42.421	46.535
17)	L4 AR-1242-2	5.928	5.102	6727973	25608724	39.876	45.992
18)	L4 AR-1242-3	5.991	5.281	3991234	10762481	39.708	40.732
19)	L4 AR-1242-4	6.091	5.364	3396114	8862899	40.696	36.744
20)	L4 AR-1242-5	6.763	5.892	6145837	6846813	64.137	25.741 #
21)	L5 AR-1248-1	5.904	5.082	4974413	19164627	53.746	58.198
22)	L5 AR-1248-2	0.000	5.320	0	8313505	N.D.	23.712 #
23)	L5 AR-1248-3	6.385	5.364	2896691	8862899	20.150	25.246 #
24)	L5 AR-1248-4	6.763	5.537	6145837	5292324	36.124	13.926 #
25)	L5 AR-1248-5	6.763	5.892	6145837	6846813	38.274	18.392 #
26)	L6 AR-1254-1	6.763	5.892	6145837	6846813	34.213	11.911 #
27)	L6 AR-1254-2	0.000	6.038	0	6977015	N.D.	12.754 #
28)	L6 AR-1254-3	7.406	6.459	3539358	19480619	11.576	20.261 #
30)	L6 AR-1254-5	8.054	7.092	7624239	27087750	32.877	32.984
31)	L7 AR-1260-1	7.512	6.576	7485899	20258085	35.988	35.024
32)	L7 AR-1260-2	7.767	6.762	7885835	30078518	32.116	38.103
33)	L7 AR-1260-3	8.129	6.919	5131390	23099252	27.501	33.966
34)	L7 AR-1260-4	8.368	7.392	6701017	17223711	31.810	31.435
35)	L7 AR-1260-5	8.707	7.632	12393022	43486251	29.497	29.512
36)	L8 AR-1262-1	8.129	7.185	5131390	11459649	17.512	28.102 #
37)	L8 AR-1262-2	8.707	7.632	12393022	43486251	22.788	23.488
38)	L8 AR-1262-3	9.058	7.918	7401382	10879458	21.609	15.666 #
39)	L8 AR-1262-4	0.000	7.982	0	31539659	N.D.	25.844 #
40)	L8 AR-1262-5	0.000	8.498	0	10347100	N.D.	19.609 #
41)	L9 AR-1268-1	9.058	7.918	7401382	10879458	13.505	5.794 #
42)	L9 AR-1268-2	0.000	7.982	0	31539659	N.D.	18.898 #
44)	L9 AR-1268-4	0.000	8.498	0	10347100	N.D.	19.117 #

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LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 00:12:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
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
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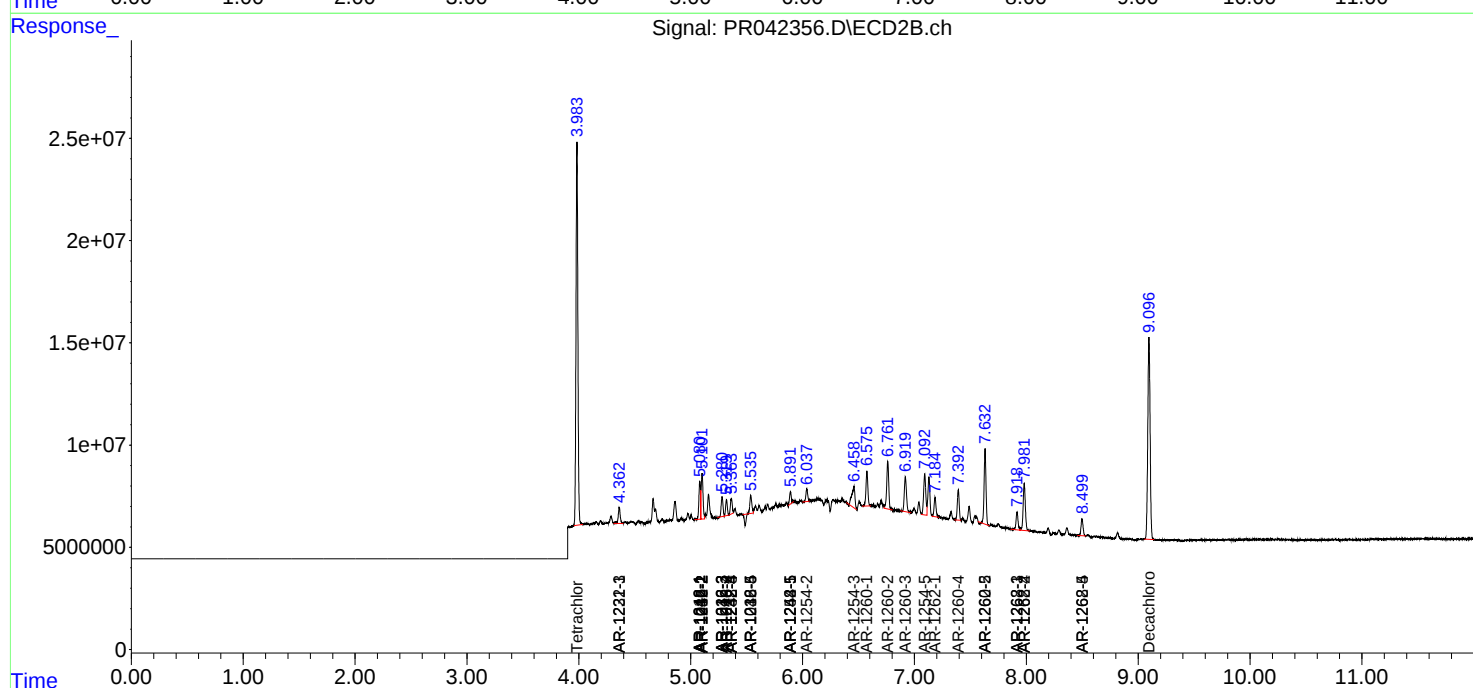
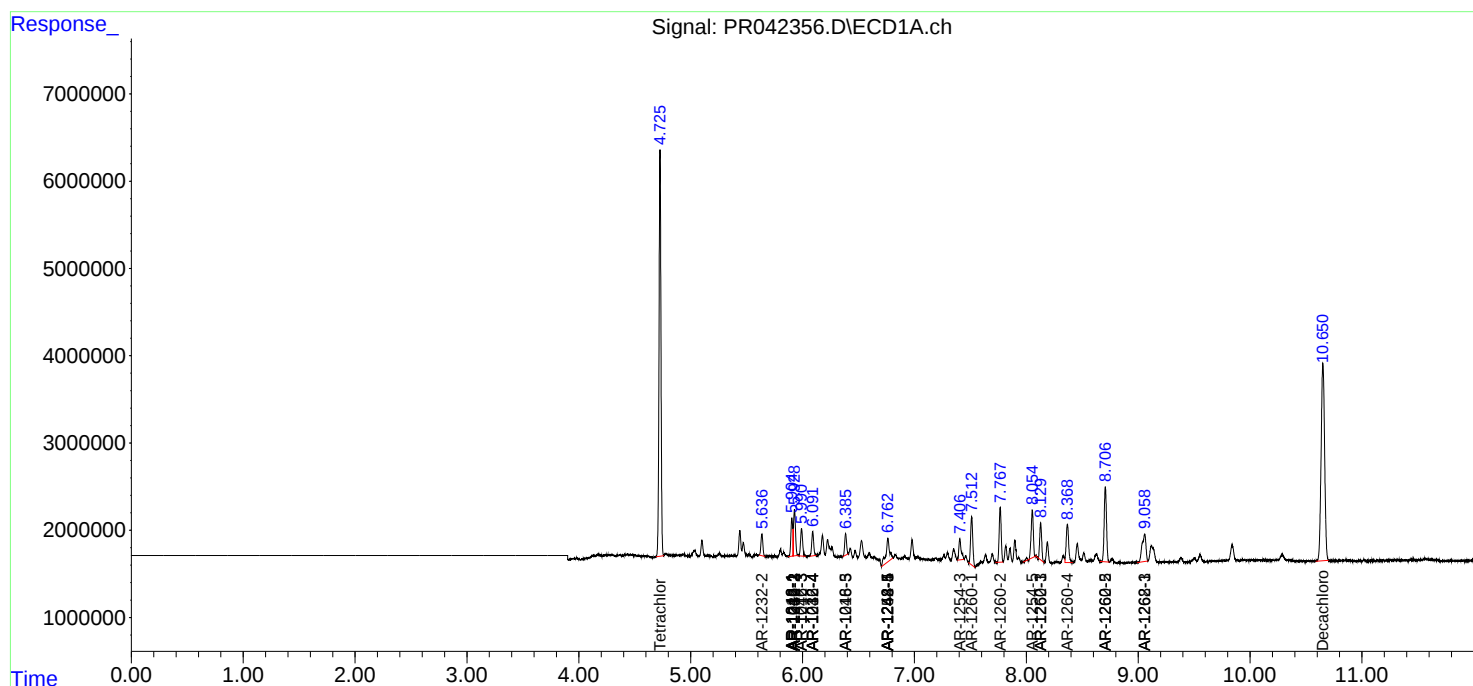
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

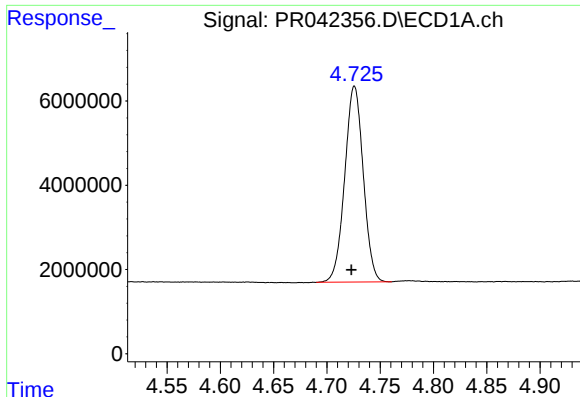
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

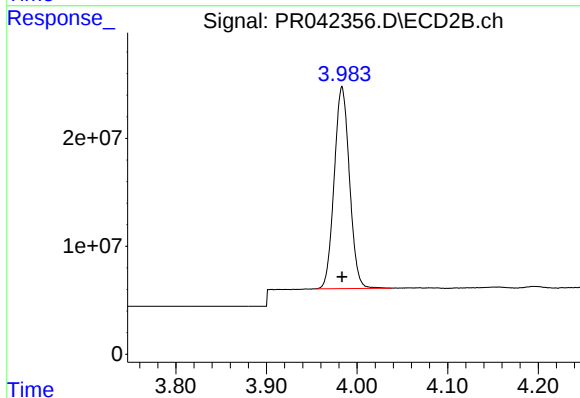




#1 Tetrachloro-m-xylene

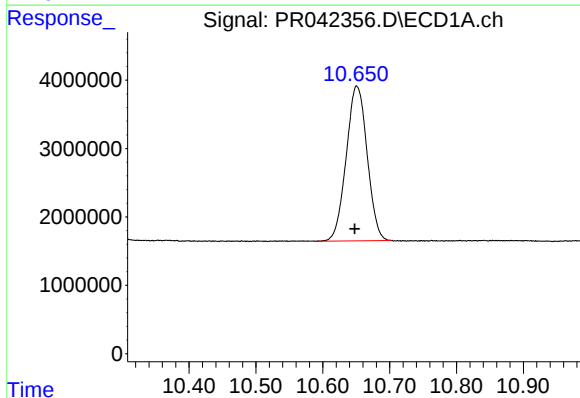
R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 56285776
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



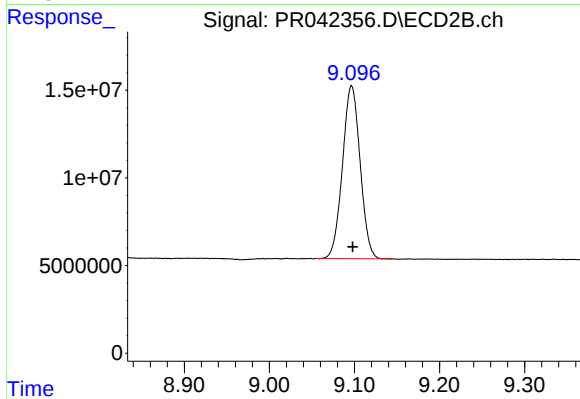
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 219300518
Conc: 12.88 ng/ml



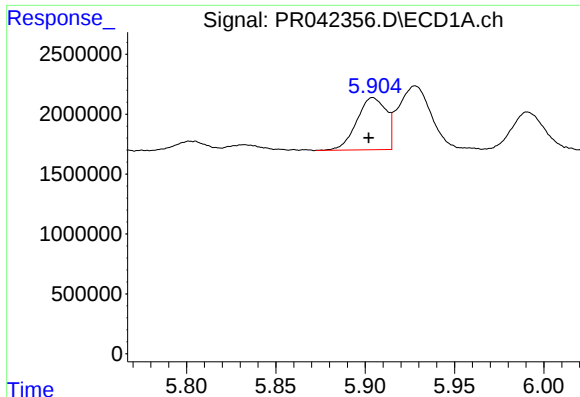
#2 Decachlorobiphenyl

R.T.: 10.651 min
Delta R.T.: 0.003 min
Response: 49203839
Conc: 14.07 ng/ml



#2 Decachlorobiphenyl

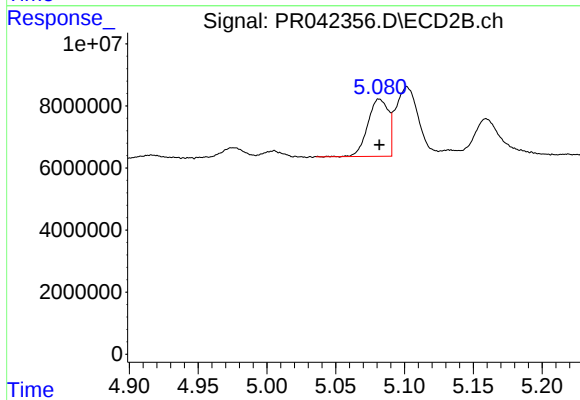
R.T.: 9.097 min
Delta R.T.: -0.001 min
Response: 142226595
Conc: 14.01 ng/ml



#3 AR-1016-1

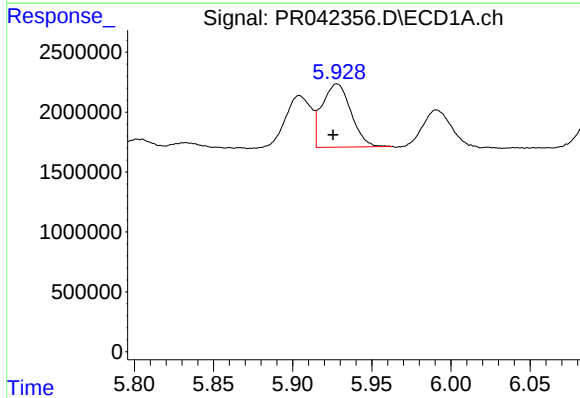
R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 4974413
Conc: 31.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



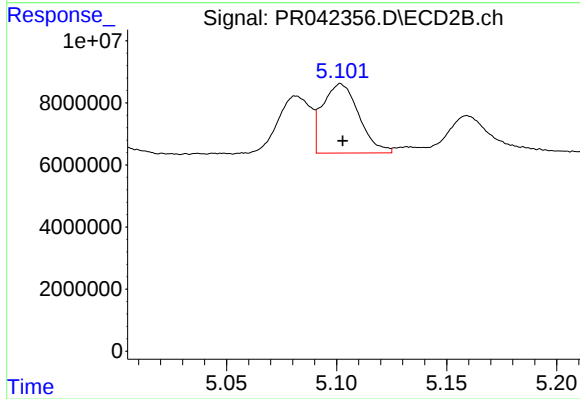
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 19164627
Conc: 35.93 ng/ml



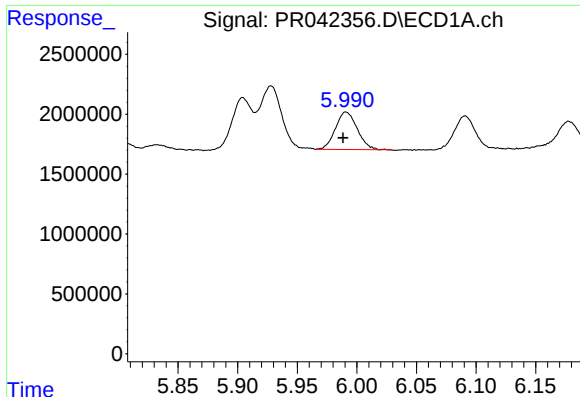
#4 AR-1016-2

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 6727973
Conc: 30.23 ng/ml



#4 AR-1016-2

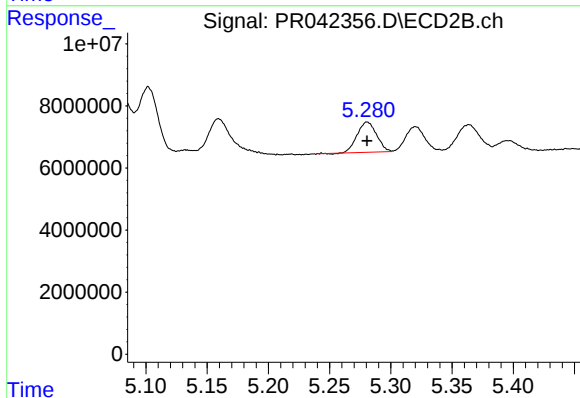
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25608724
Conc: 34.84 ng/ml



#5 AR-1016-3

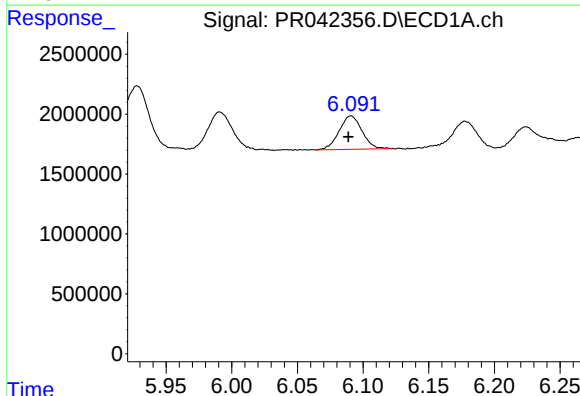
R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 3991234
Conc: 30.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



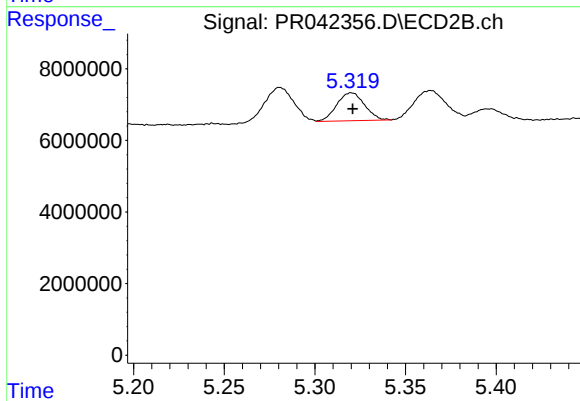
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 10762481
Conc: 33.16 ng/ml



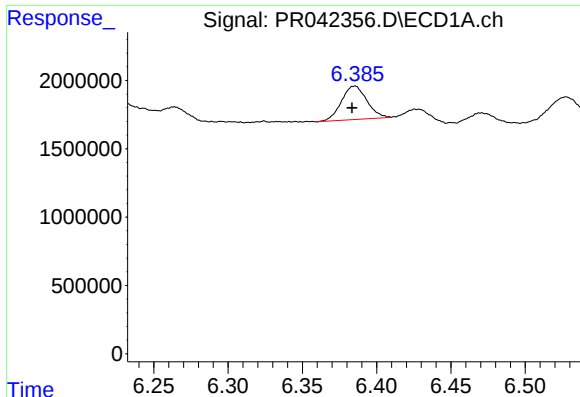
#6 AR-1016-4

R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 3396114
Conc: 31.38 ng/ml



#6 AR-1016-4

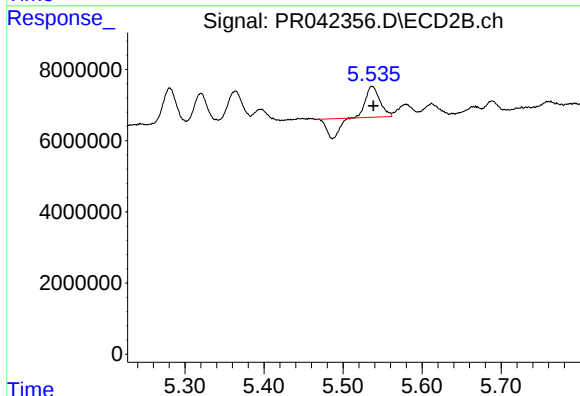
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 8313505
Conc: 31.83 ng/ml



#7 AR-1016-5

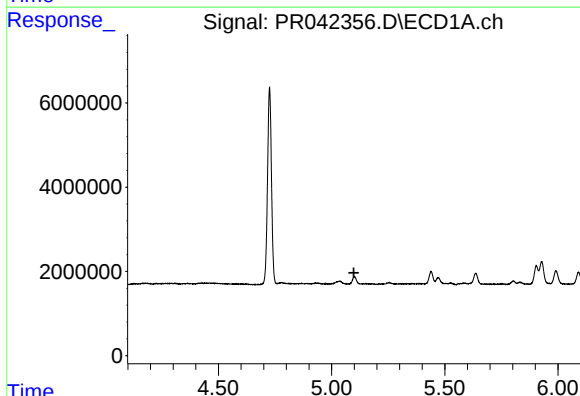
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 2896691
Conc: 26.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



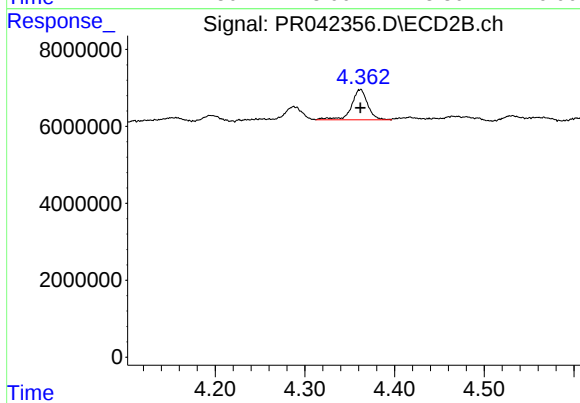
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 5292324
Conc: 17.86 ng/ml



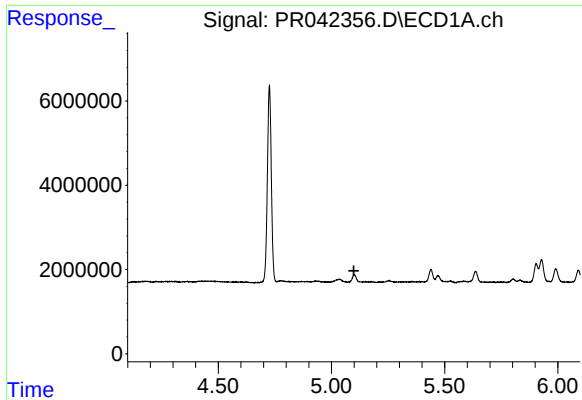
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#10 AR-1221-3

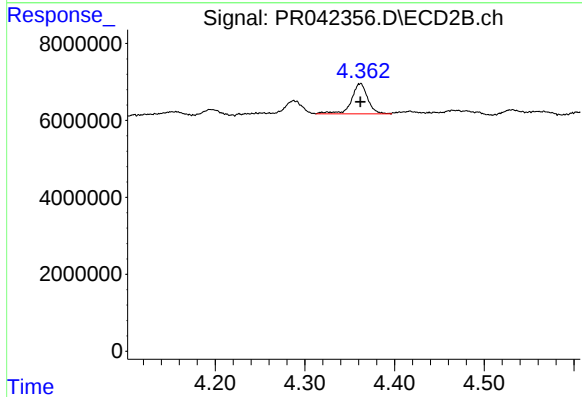
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 9900683
Conc: 24.60 ng/ml



#11 AR-1232-1

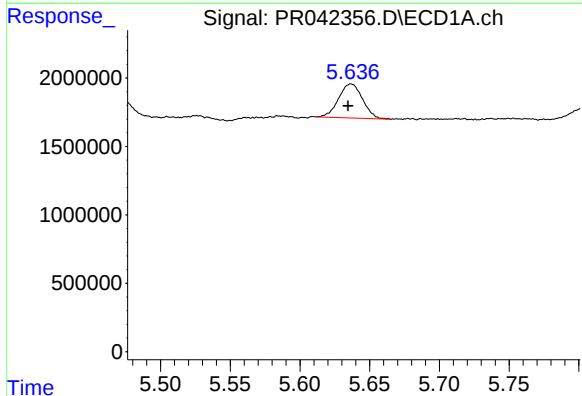
R.T.: 0.000 min
Exp R.T.: 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



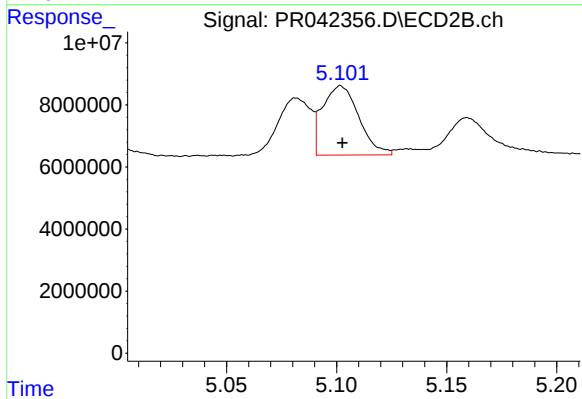
#11 AR-1232-1

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 9900683
Conc: 17.05 ng/ml



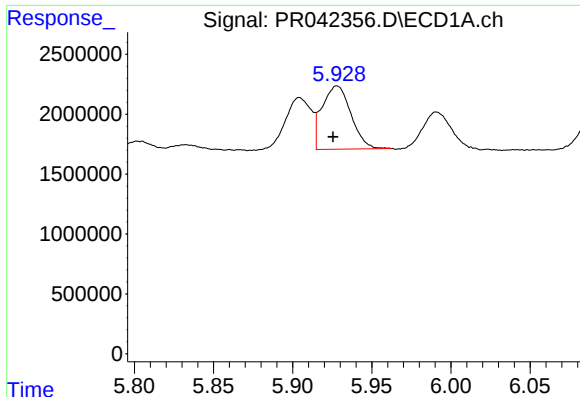
#12 AR-1232-2

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 2987207
Conc: 37.91 ng/ml



#12 AR-1232-2

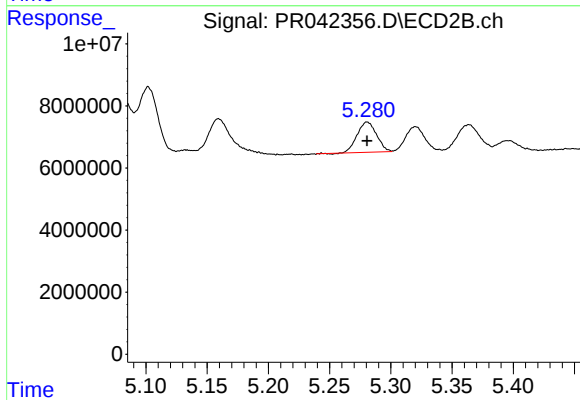
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25608724
Conc: 45.49 ng/ml



#13 AR-1232-3

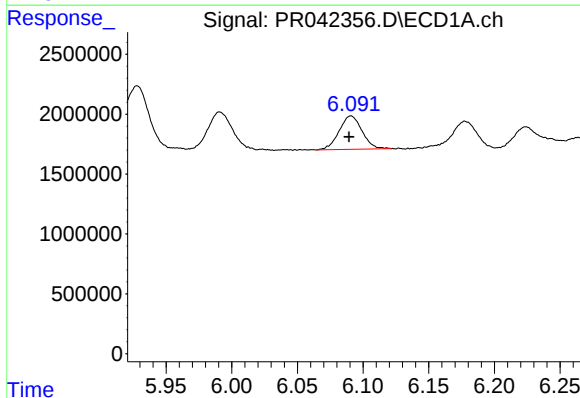
R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 6727973
Conc: 40.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



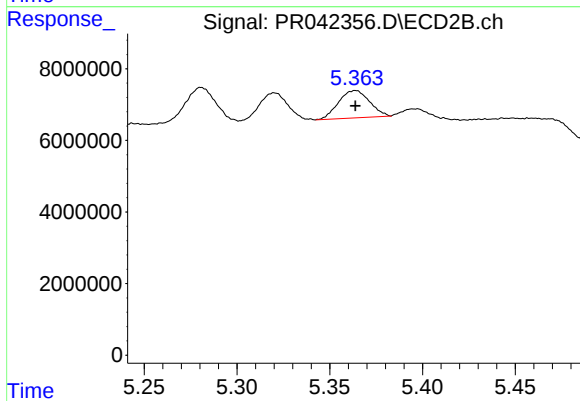
#13 AR-1232-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 10762481
Conc: 42.55 ng/ml



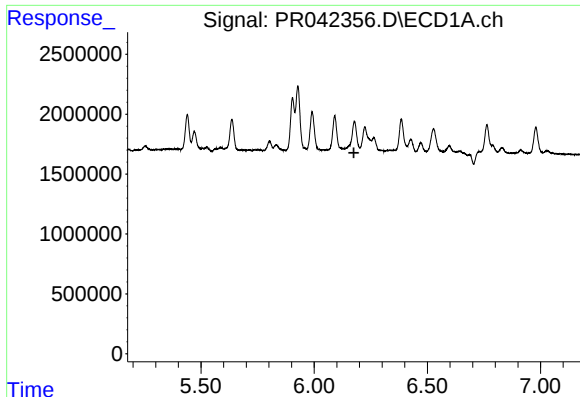
#14 AR-1232-4

R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 3396114
Conc: 41.44 ng/ml



#14 AR-1232-4

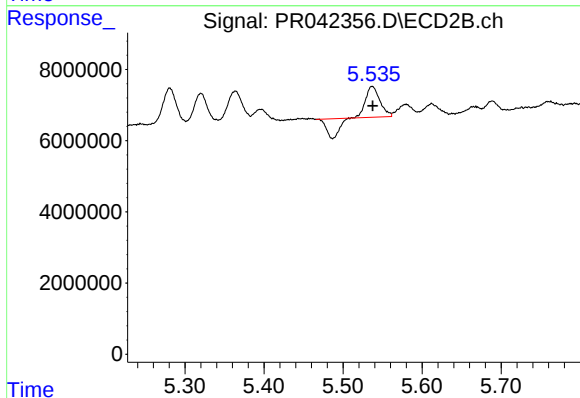
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 8862899
Conc: 42.06 ng/ml



#15 AR-1232-5

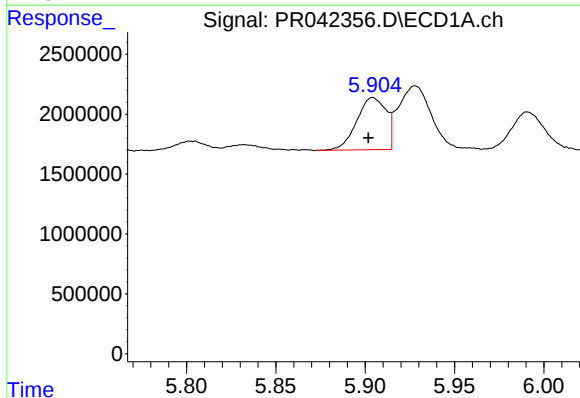
R.T.: 0.000 min
Exp R.T.: 6.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



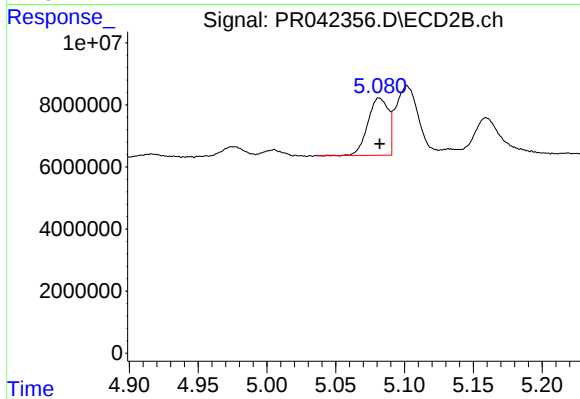
#15 AR-1232-5

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 5292324
Conc: 25.23 ng/ml



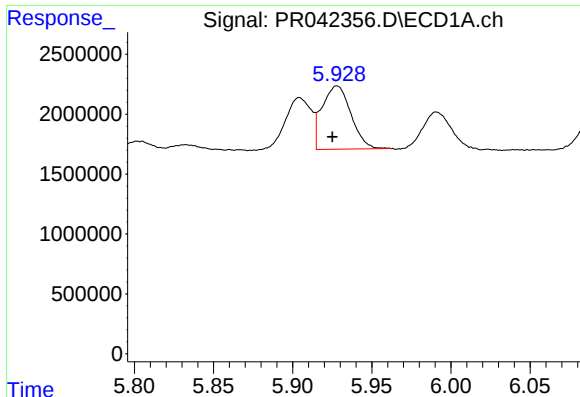
#16 AR-1242-1

R.T.: 5.904 min
Delta R.T.: 0.003 min
Response: 4974413
Conc: 42.42 ng/ml



#16 AR-1242-1

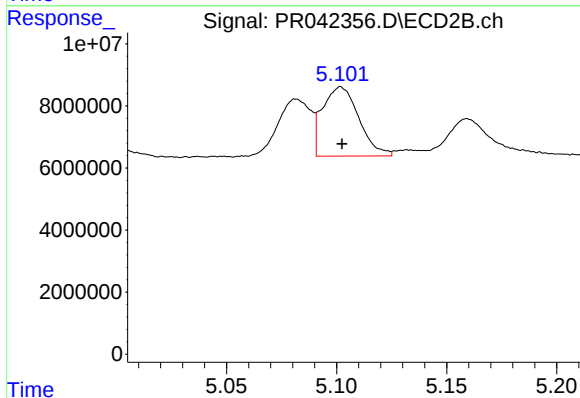
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 19164627
Conc: 46.53 ng/ml



#17 AR-1242-2

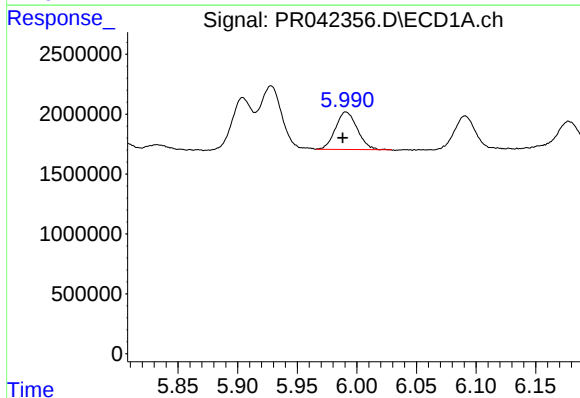
R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 6727973
Conc: 39.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



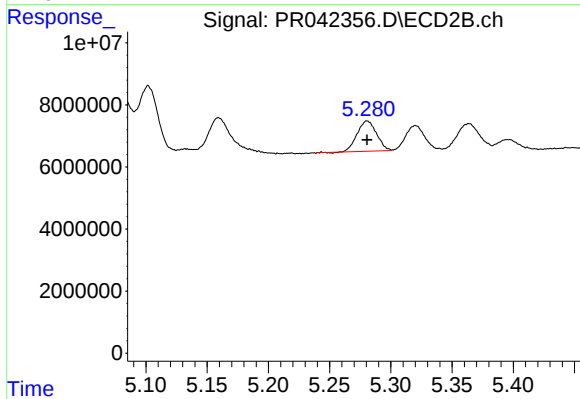
#17 AR-1242-2

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25608724
Conc: 45.99 ng/ml



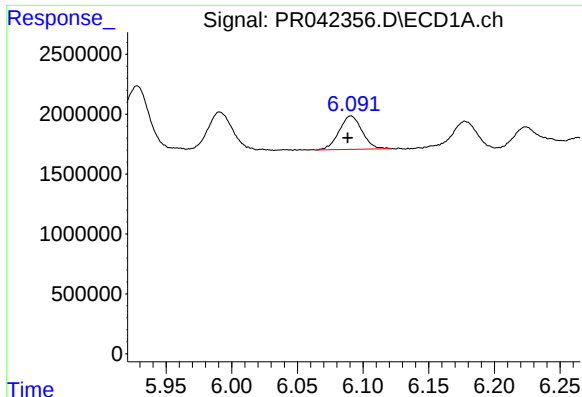
#18 AR-1242-3

R.T.: 5.991 min
Delta R.T.: 0.003 min
Response: 3991234
Conc: 39.71 ng/ml



#18 AR-1242-3

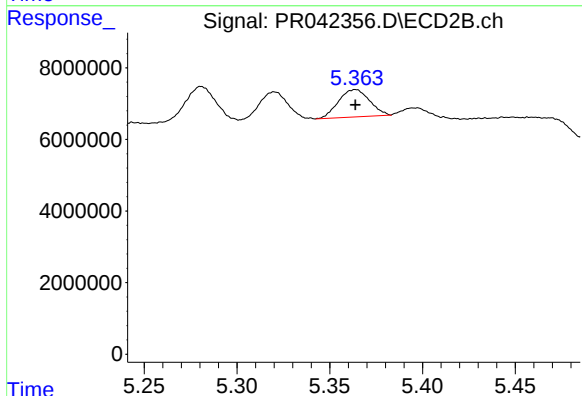
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 10762481
Conc: 40.73 ng/ml



#19 AR-1242-4

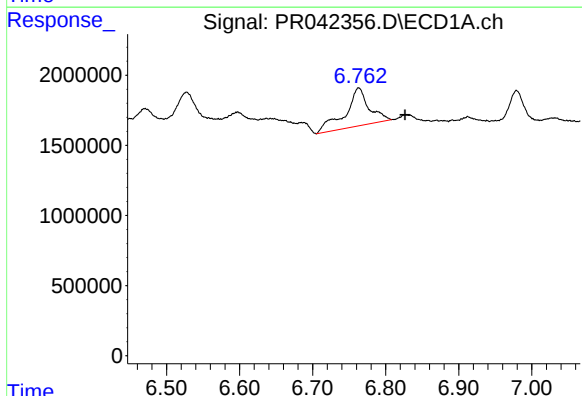
R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 3396114
Conc: 40.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



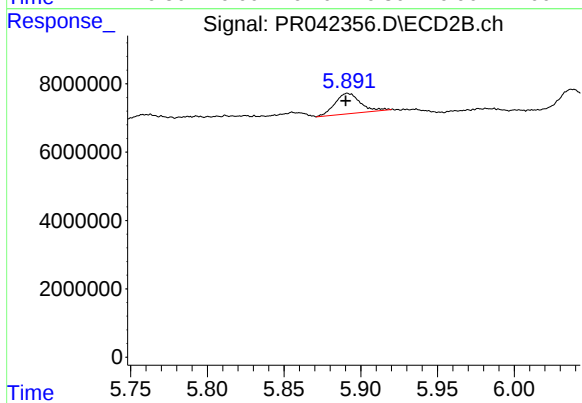
#19 AR-1242-4

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 8862899
Conc: 36.74 ng/ml



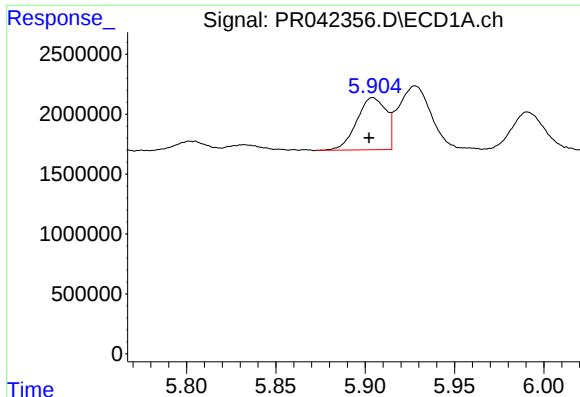
#20 AR-1242-5

R.T.: 6.763 min
Delta R.T.: -0.063 min
Response: 6145837
Conc: 64.14 ng/ml



#20 AR-1242-5

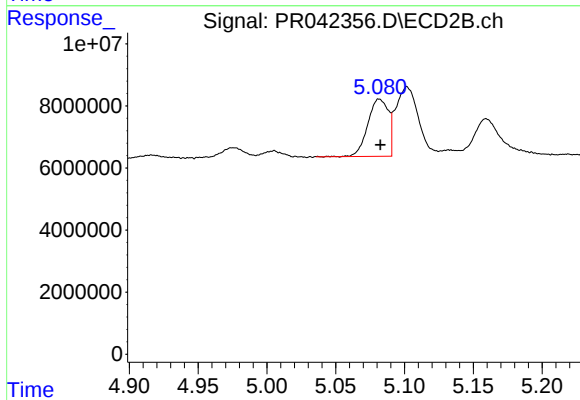
R.T.: 5.892 min
Delta R.T.: 0.001 min
Response: 6846813
Conc: 25.74 ng/ml



#21 AR-1248-1

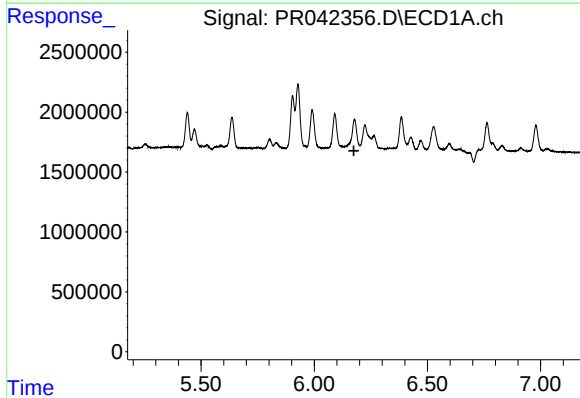
R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 4974413
Conc: 53.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



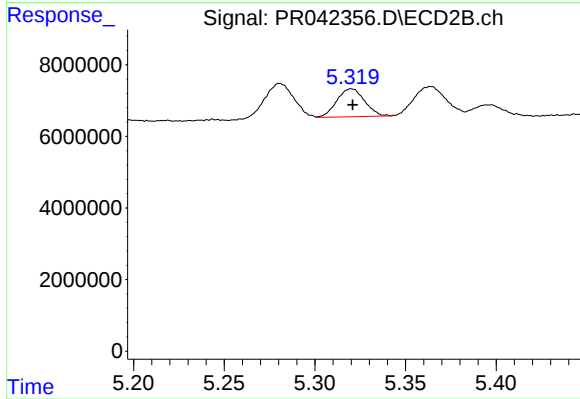
#21 AR-1248-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 19164627
Conc: 58.20 ng/ml



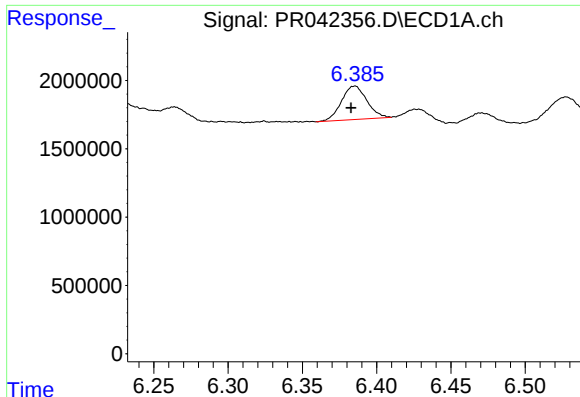
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.



#22 AR-1248-2

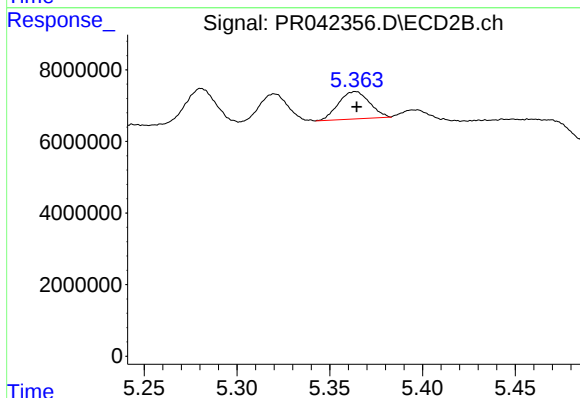
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 8313505
Conc: 23.71 ng/ml



#23 AR-1248-3

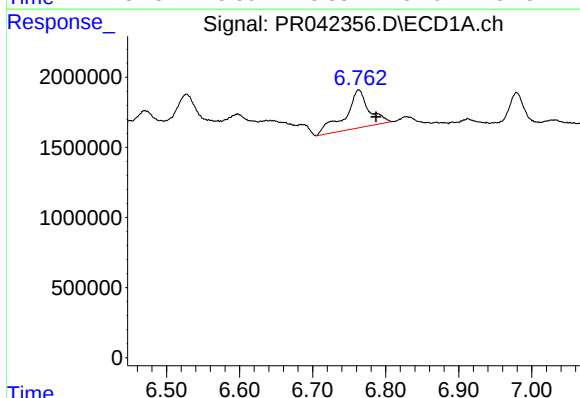
R.T.: 6.385 min
Delta R.T.: 0.002 min
Response: 2896691
Conc: 20.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



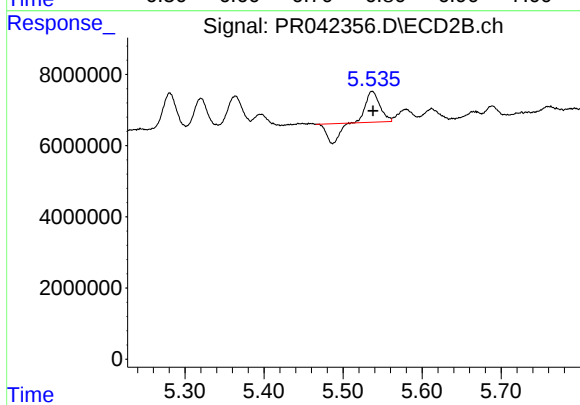
#23 AR-1248-3

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 8862899
Conc: 25.25 ng/ml



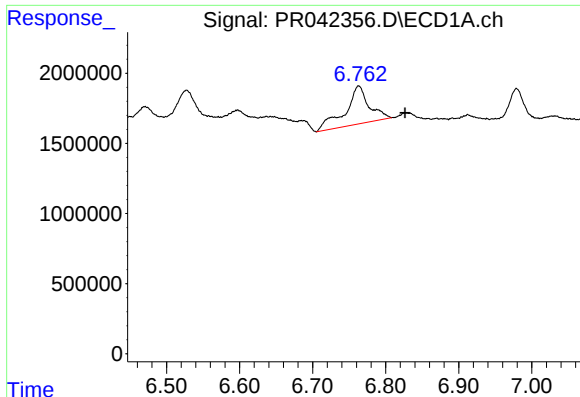
#24 AR-1248-4

R.T.: 6.763 min
Delta R.T.: -0.023 min
Response: 6145837
Conc: 36.12 ng/ml



#24 AR-1248-4

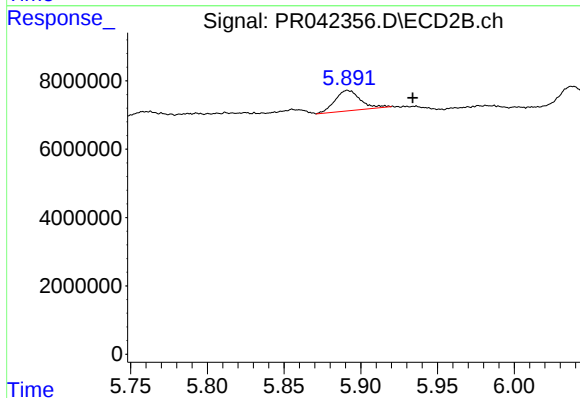
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 5292324
Conc: 13.93 ng/ml



#25 AR-1248-5

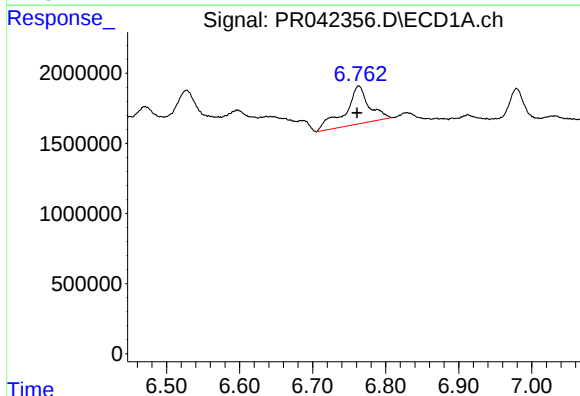
R.T.: 6.763 min
Delta R.T.: -0.063 min
Response: 6145837
Conc: 38.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



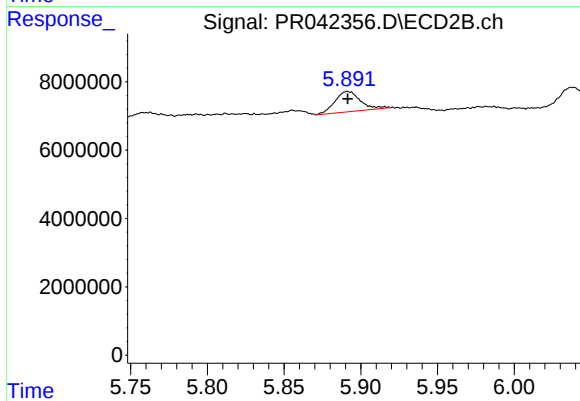
#25 AR-1248-5

R.T.: 5.892 min
Delta R.T.: -0.042 min
Response: 6846813
Conc: 18.39 ng/ml



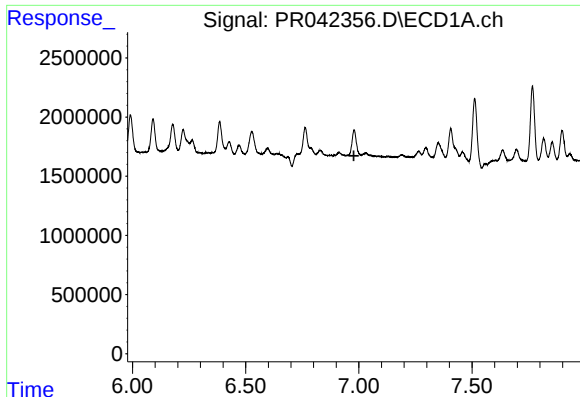
#26 AR-1254-1

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 6145837
Conc: 34.21 ng/ml



#26 AR-1254-1

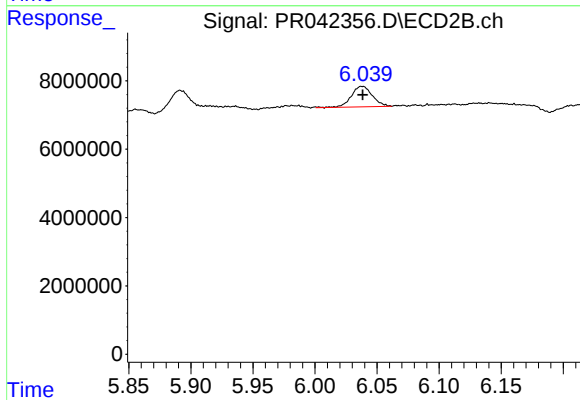
R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 6846813
Conc: 11.91 ng/ml



#27 AR-1254-2

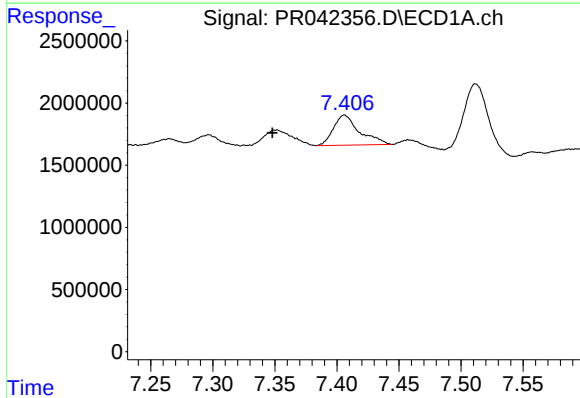
R.T.: 0.000 min
Exp R.T.: 6.978 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



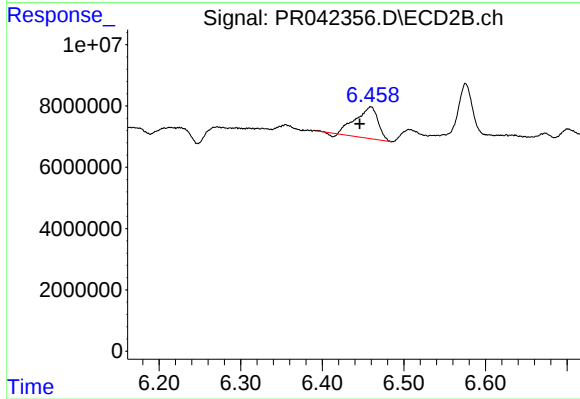
#27 AR-1254-2

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 6977015
Conc: 12.75 ng/ml



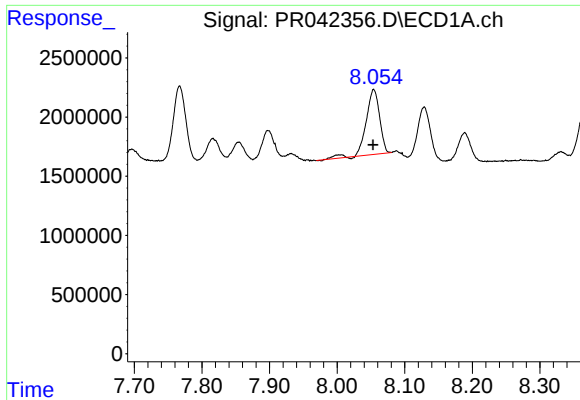
#28 AR-1254-3

R.T.: 7.406 min
Delta R.T.: 0.058 min
Response: 3539358
Conc: 11.58 ng/ml



#28 AR-1254-3

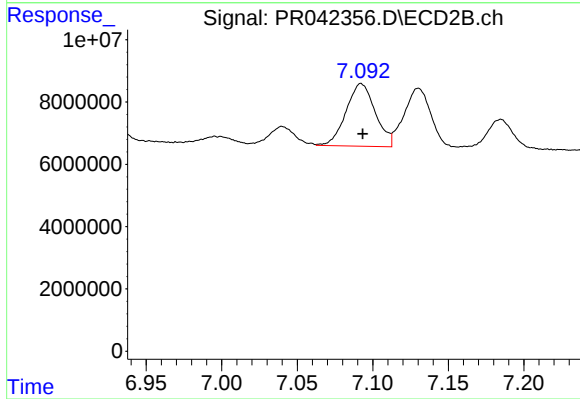
R.T.: 6.459 min
Delta R.T.: 0.014 min
Response: 19480619
Conc: 20.26 ng/ml



#30 AR-1254-5

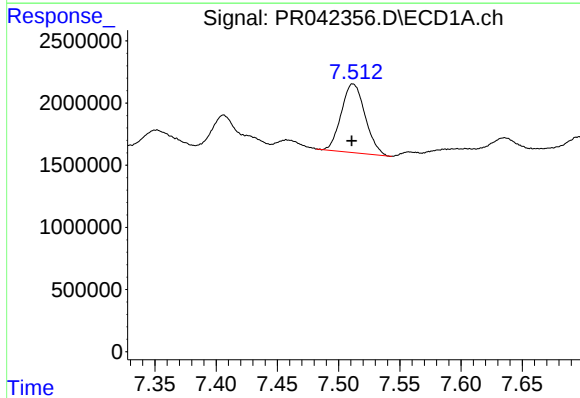
R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 7624239
Conc: 32.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



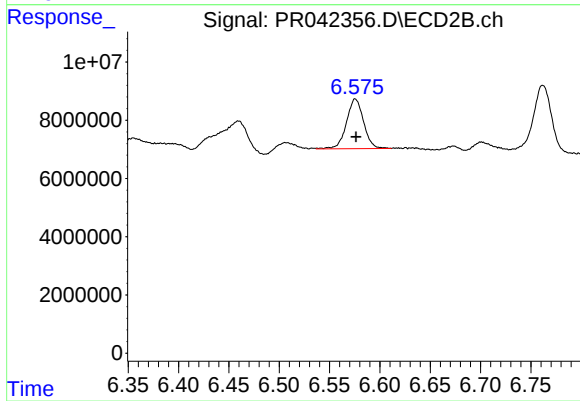
#30 AR-1254-5

R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 27087750
Conc: 32.98 ng/ml



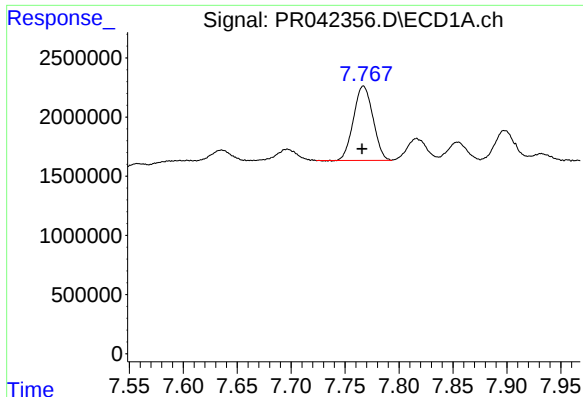
#31 AR-1260-1

R.T.: 7.512 min
Delta R.T.: 0.001 min
Response: 7485899
Conc: 35.99 ng/ml



#31 AR-1260-1

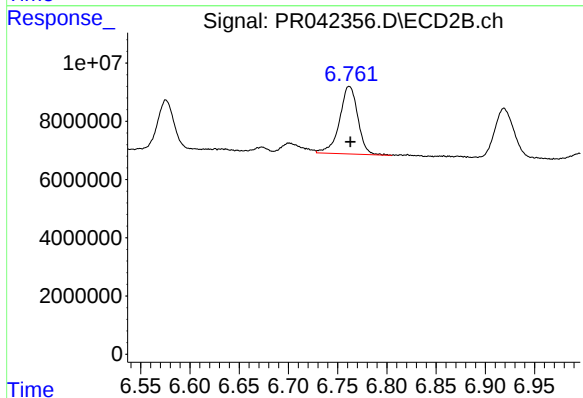
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 20258085
Conc: 35.02 ng/ml



#32 AR-1260-2

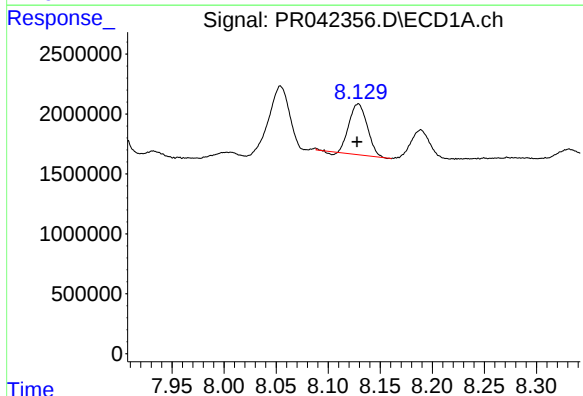
R.T.: 7.767 min
Delta R.T.: 0.001 min
Response: 7885835
Conc: 32.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



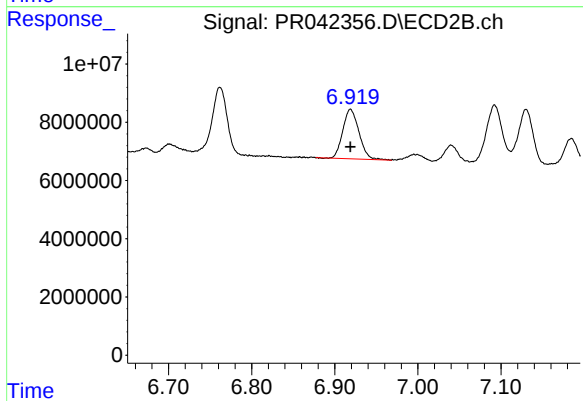
#32 AR-1260-2

R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 30078518
Conc: 38.10 ng/ml



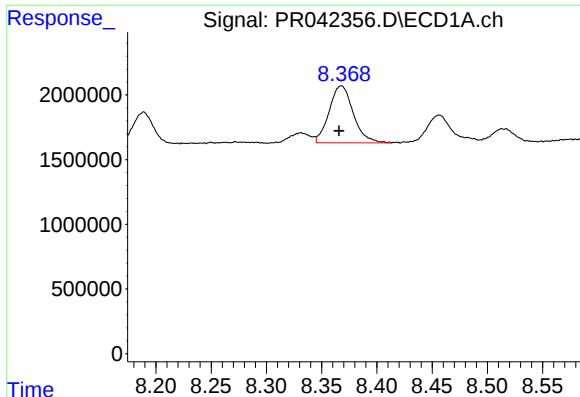
#33 AR-1260-3

R.T.: 8.129 min
Delta R.T.: 0.001 min
Response: 5131390
Conc: 27.50 ng/ml



#33 AR-1260-3

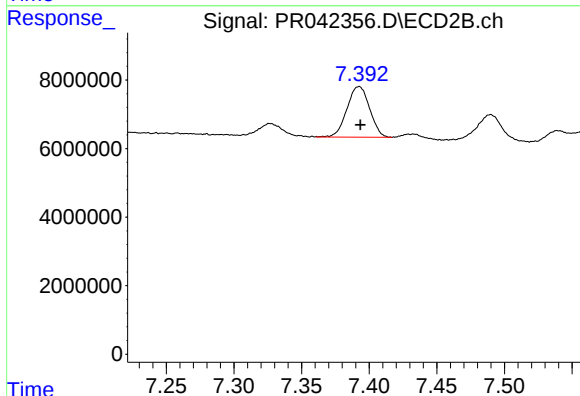
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 23099252
Conc: 33.97 ng/ml



#34 AR-1260-4

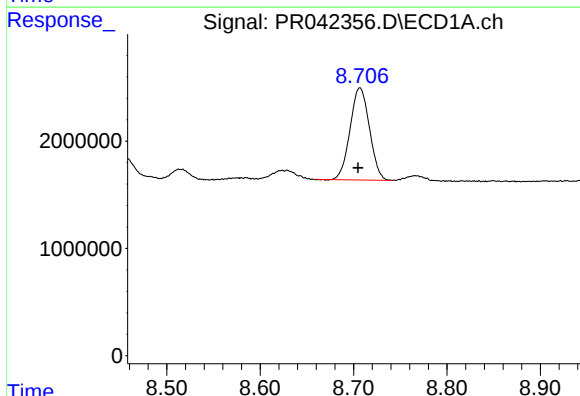
R.T.: 8.368 min
Delta R.T.: 0.002 min
Response: 6701017
Conc: 31.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



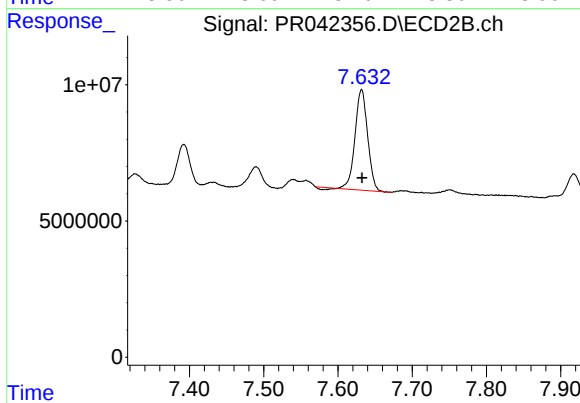
#34 AR-1260-4

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 17223711
Conc: 31.43 ng/ml



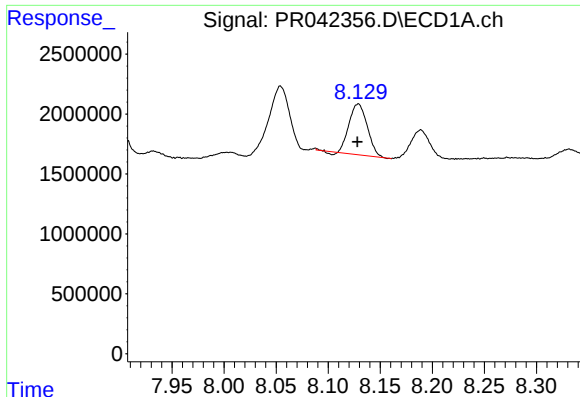
#35 AR-1260-5

R.T.: 8.707 min
Delta R.T.: 0.002 min
Response: 12393022
Conc: 29.50 ng/ml



#35 AR-1260-5

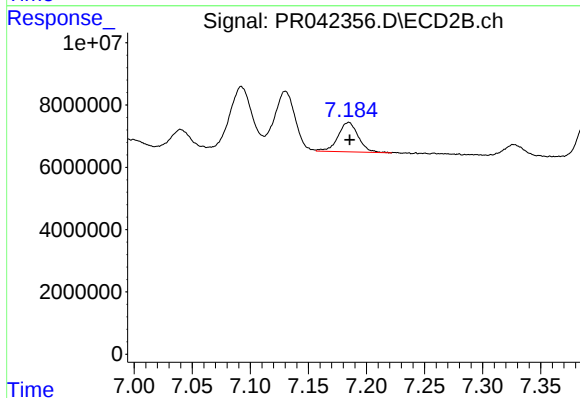
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 43486251
Conc: 29.51 ng/ml



#36 AR-1262-1

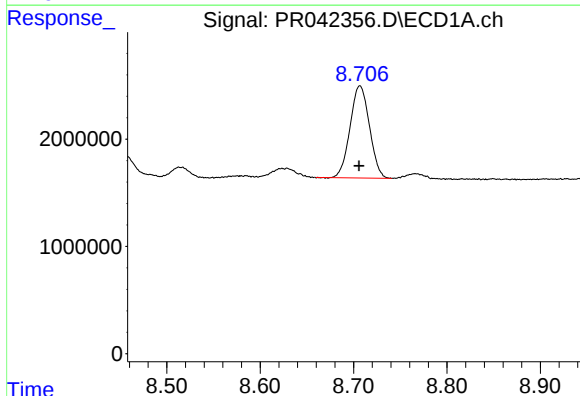
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 5131390
Conc: 17.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



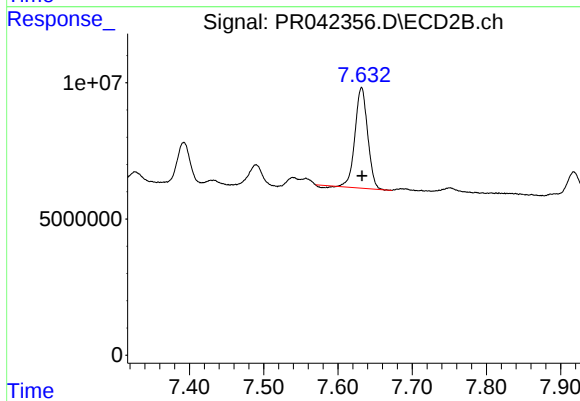
#36 AR-1262-1

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 11459649
Conc: 28.10 ng/ml



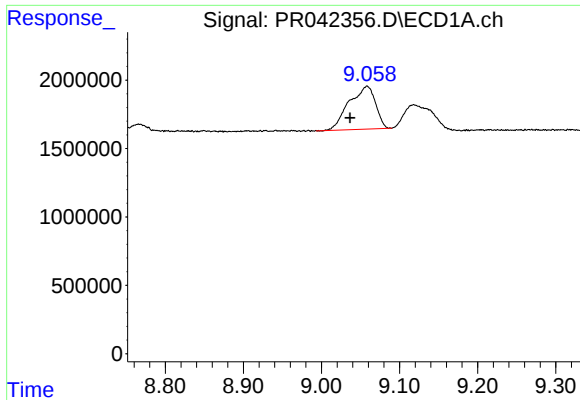
#37 AR-1262-2

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 12393022
Conc: 22.79 ng/ml



#37 AR-1262-2

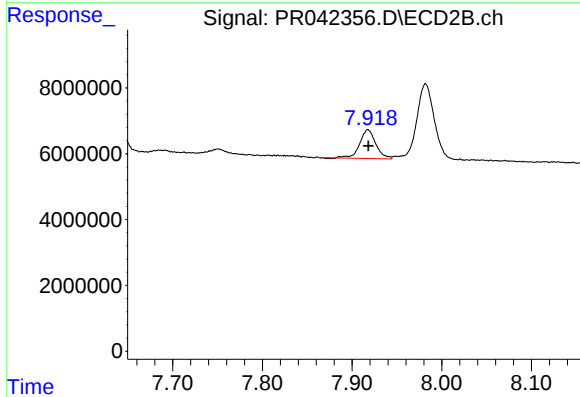
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 43486251
Conc: 23.49 ng/ml



#38 AR-1262-3

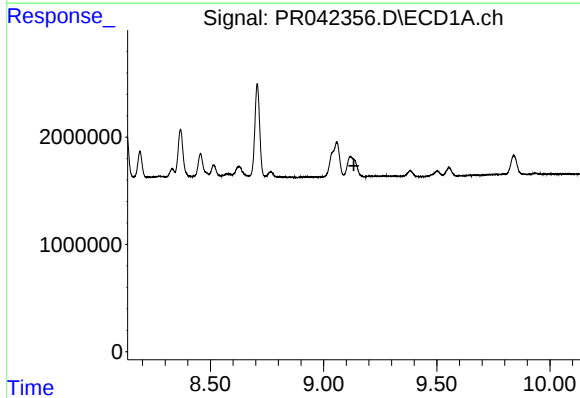
R.T.: 9.058 min
Delta R.T.: 0.022 min
Response: 7401382
Conc: 21.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



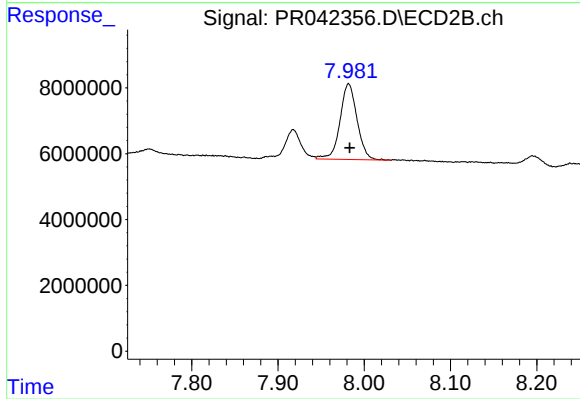
#38 AR-1262-3

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 10879458
Conc: 15.67 ng/ml



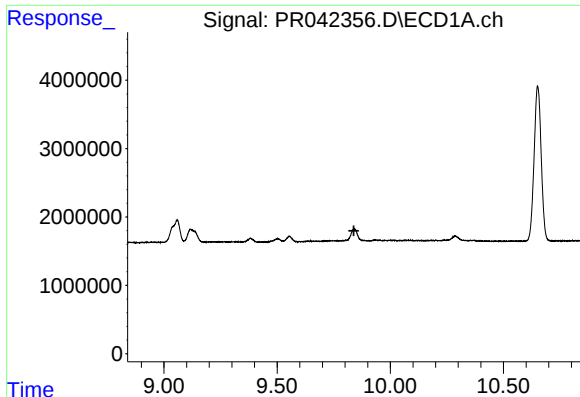
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.134 min
Response: 0
Conc: N.D.



#39 AR-1262-4

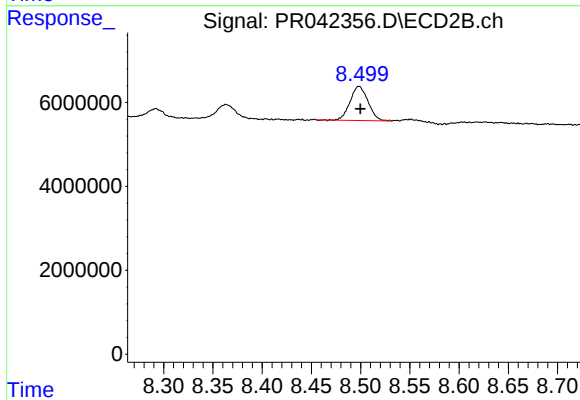
R.T.: 7.982 min
Delta R.T.: -0.001 min
Response: 31539659
Conc: 25.84 ng/ml



#40 AR-1262-5

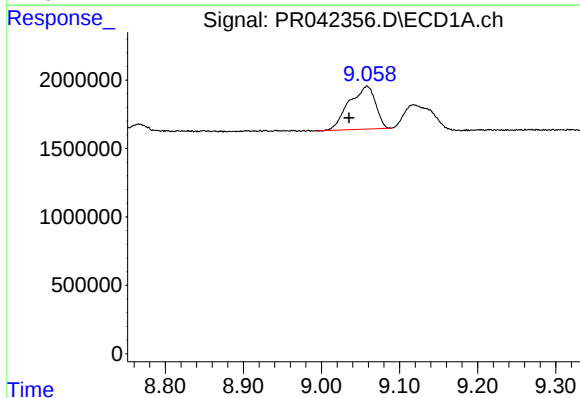
R.T.: 0.000 min
Exp R.T.: 9.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



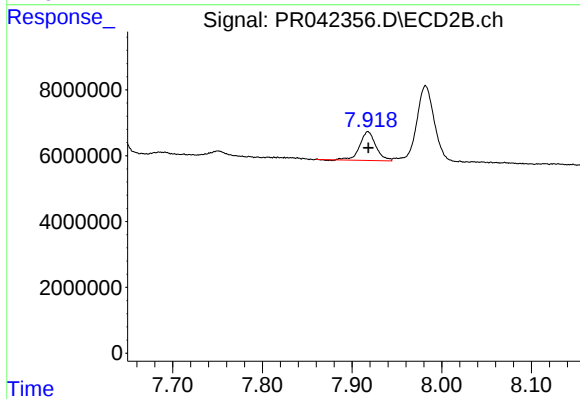
#40 AR-1262-5

R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 10347100
Conc: 19.61 ng/ml



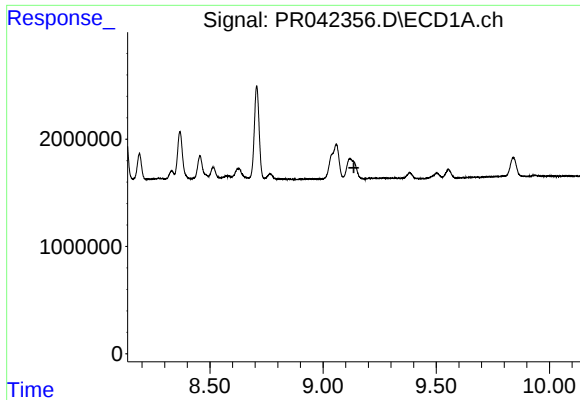
#41 AR-1268-1

R.T.: 9.058 min
Delta R.T.: 0.023 min
Response: 7401382
Conc: 13.50 ng/ml



#41 AR-1268-1

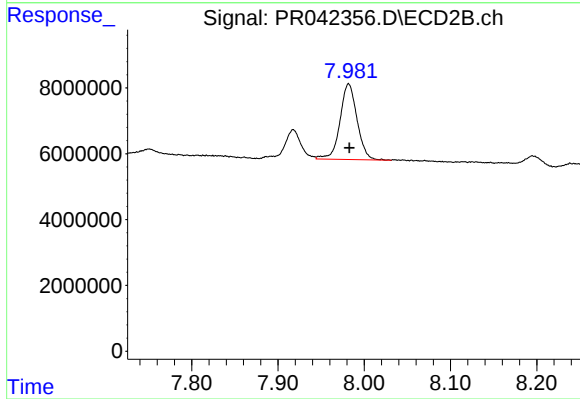
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 10879458
Conc: 5.79 ng/ml



#42 AR-1268-2

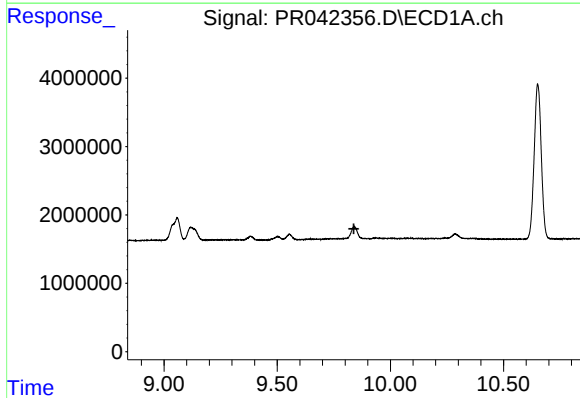
R.T.: 0.000 min
Exp R.T.: 9.136 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



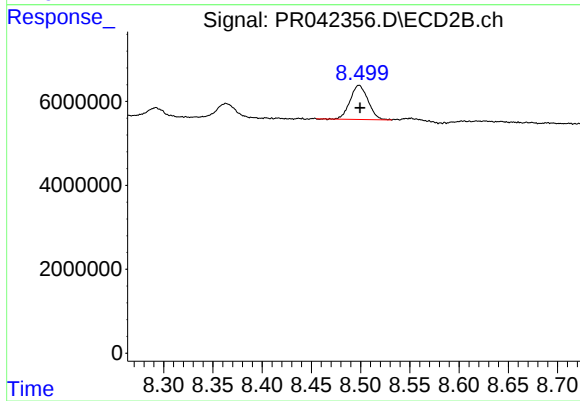
#42 AR-1268-2

R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 31539659
Conc: 18.90 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.839 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 8.498 min
Delta R.T.: -0.001 min
Response: 10347100
Conc: 19.12 ng/ml