

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR070819\
 Data File : PR039116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2019 18:58
 Operator : SM\AJ
 Sample : K3681-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 TOP-SOIL-07-01-19

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:55:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 01 17:21:12 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...	3.764	4.610	24135609	86010764	14.089	13.492
2)	SA Decachlor...	8.708	10.351	28376863	94300925	12.272	12.210
Target Compounds							
3)	L1 AR-1016-1	4.862	5.795	1885425	7294083	27.238	29.227
4)	L1 AR-1016-2	4.862	5.795	1885425	7294083	16.920	20.292
5)	L1 AR-1016-3	5.022	5.795	4575359	7294083	89.204	34.028 #
6)	L1 AR-1016-4	5.022	5.924	4575359	72807135	108.934	420.970 #
7)	L1 AR-1016-5	5.283	6.200	-3295508	118.7E6	N.D.	680.519 #
12)	L3 AR-1232-2	4.862	0.000	1885425	0	44.925	N.D. #
13)	L3 AR-1232-3	5.022	5.795	4575359	7294083	242.419	54.404 #
14)	L3 AR-1232-4	5.130	5.924	3990445	72807135	224.242	1141.304 #
15)	L3 AR-1232-5	5.283	6.048	-3295508	14140381	N.D.	295.618 #
16)	L4 AR-1242-1	4.862	5.795	1885425	7294083	34.148	36.126
17)	L4 AR-1242-2	4.862	5.795	1885425	7294083	21.007	25.534
18)	L4 AR-1242-3	5.022	5.795	4575359	7294083	107.668	42.167 #
19)	L4 AR-1242-4	5.130	5.924	3990445	72807135	92.946	515.607 #
20)	L4 AR-1242-5	5.627	6.652	40340581	197.3E6	671.930	1197.284 #
21)	L5 AR-1248-1	4.862	5.795	1885425	7294083	42.316	47.313
22)	L5 AR-1248-2	5.022	6.048	4575359	14140381	76.476	69.370
23)	L5 AR-1248-3	5.130	6.200	3990445	118.7E6	63.457	504.090 #
24)	L5 AR-1248-4	5.283	6.627	-3295508	64255683	N.D.	222.711 #
25)	L5 AR-1248-5	5.664	6.652	4755233	197.3E6	56.779	720.746 #
26)	L6 AR-1254-1	5.627	6.602	40340581	52950871	387.036	233.230 #
27)	L6 AR-1254-2	5.767	6.843	6610543	101.5E6	72.476	283.305 #
28)	L6 AR-1254-3	6.161	7.207	7191681	68691160	45.752	168.078 #
29)	L6 AR-1254-4	6.406	7.459	6451424	43572761	61.869	140.071 #
30)	L6 AR-1254-5	6.798	7.886	6101940	21543418	42.852	64.898 #
31)	L7 AR-1260-1	6.292	7.351	5760826	23772704	49.046	72.610 #
32)	L7 AR-1260-2	6.473	7.606	6595477	118.6E6	44.233	294.972 #
33)	L7 AR-1260-3	6.627	7.954	4576111	6503736	33.704	20.852 #
34)	L7 AR-1260-4	7.091	8.179	1955181	4746330	16.667	13.130
35)	L7 AR-1260-5	7.329	8.512	3949552	6079918	13.328	7.963 #
36)	L8 AR-1262-1	6.904	7.954	3854236	6503736	53.470	13.252 #
37)	L8 AR-1262-2	7.329	8.512	3949552	6079918	10.888	6.364 #
38)	L8 AR-1262-3	7.610	8.850	1252474	5798678	9.316	9.425
39)	L8 AR-1262-4	7.672	0.000	1856692	0	7.138	N.D. #
41)	L9 AR-1268-1	7.610	8.850	1252474	5798678	3.282	5.615 #
42)	L9 AR-1268-2	7.672	0.000	1856692	0	5.275	N.D. #
45)	L9 AR-1268-5	8.455	0.000	1600116	0	1.650	N.D. #

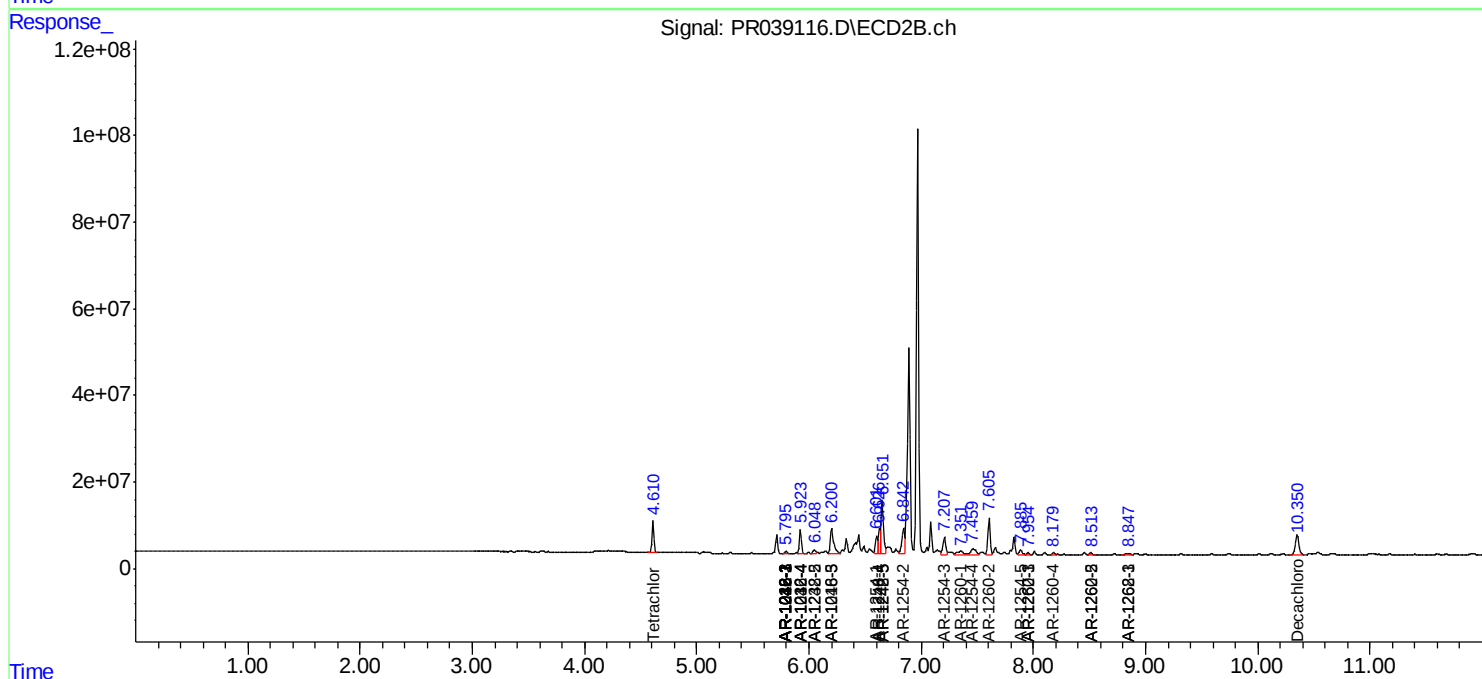
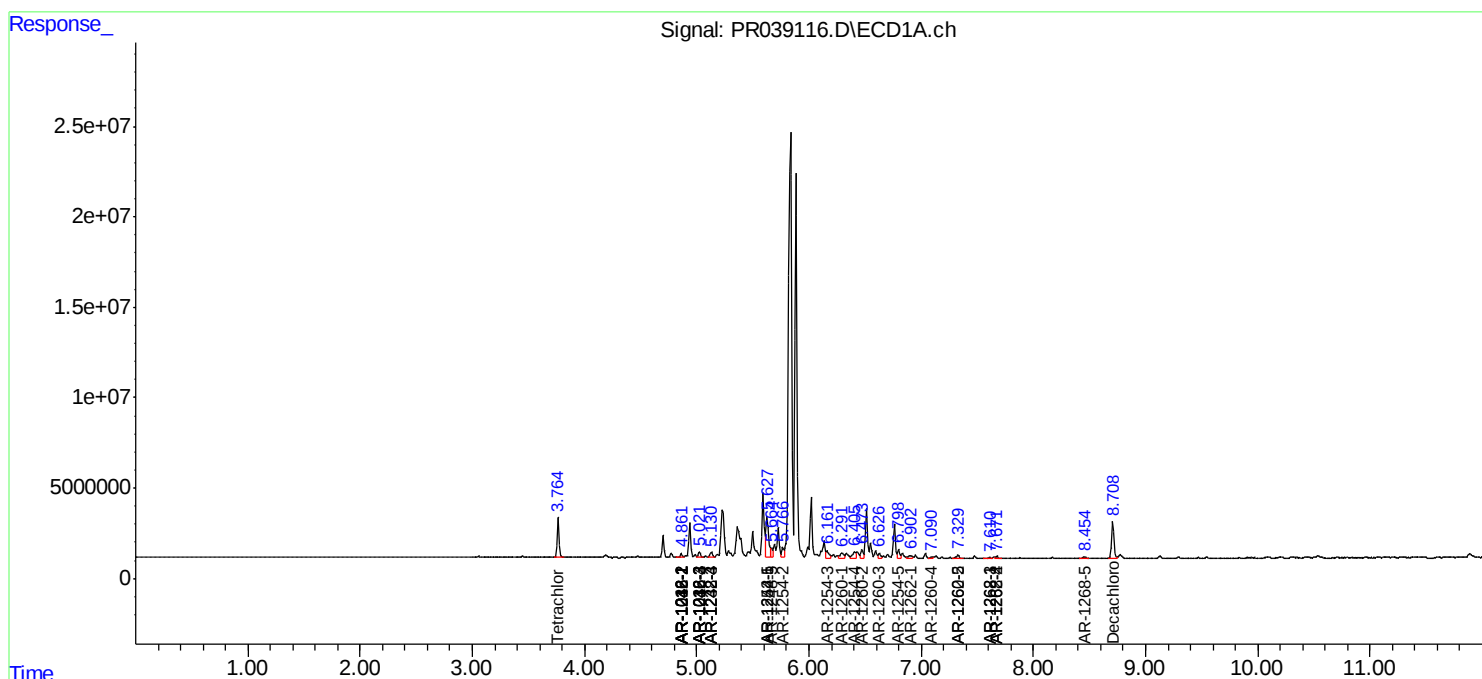
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

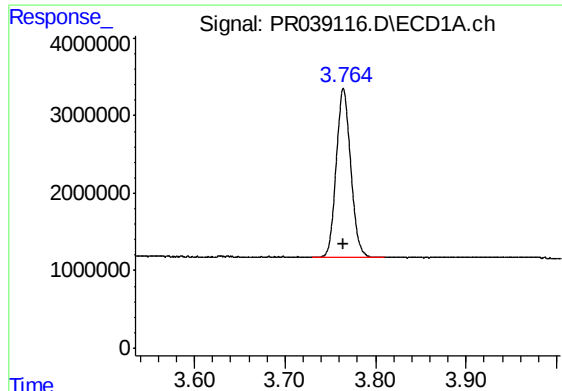
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR070119.M
Quant Title : GC EXTRACTABLES
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Response via : 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

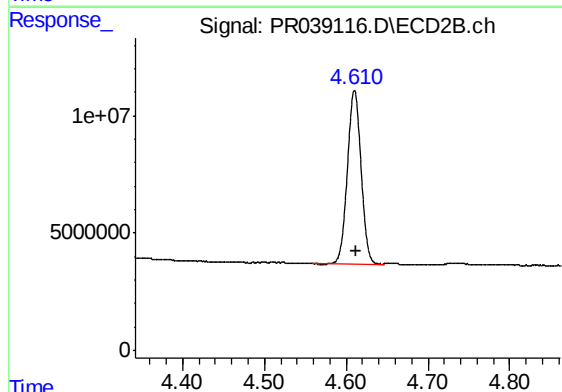




#1 Tetrachloro-m-xylene

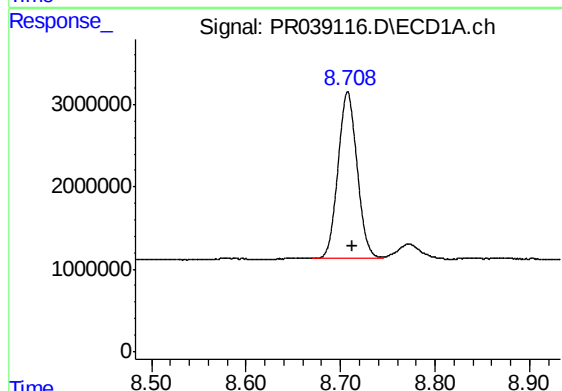
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 24135609
Conc: 14.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



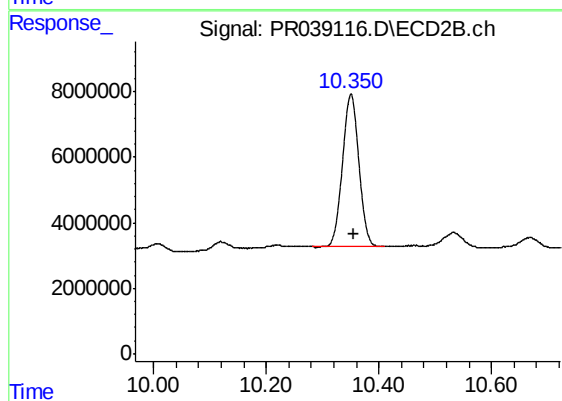
#1 Tetrachloro-m-xylene

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 86010764
Conc: 13.49 ng/ml



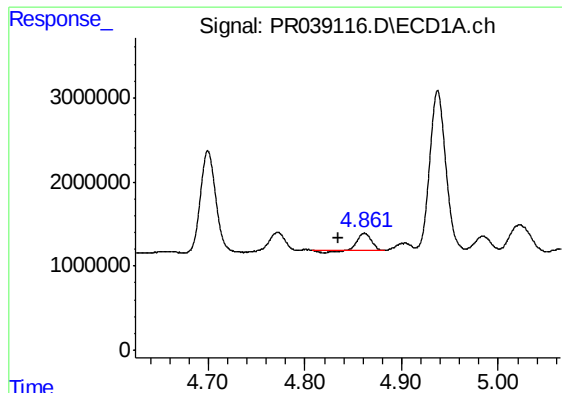
#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 28376863
Conc: 12.27 ng/ml



#2 Decachlorobiphenyl

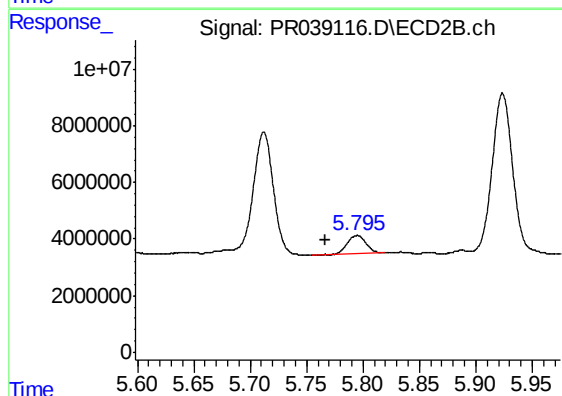
R.T.: 10.351 min
Delta R.T.: -0.004 min
Response: 94300925
Conc: 12.21 ng/ml



#3 AR-1016-1

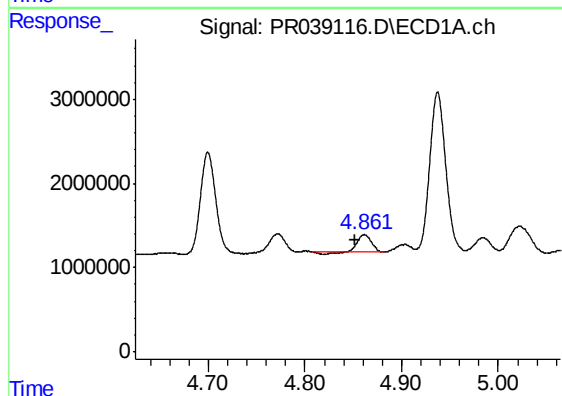
R.T.: 4.862 min
Delta R.T.: 0.028 min
Response: 1885425
Conc: 27.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



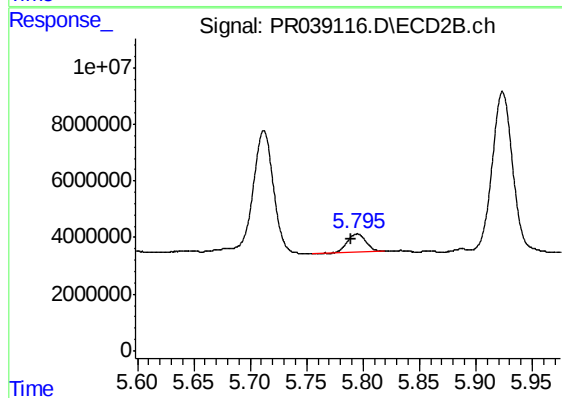
#3 AR-1016-1

R.T.: 5.795 min
Delta R.T.: 0.028 min
Response: 7294083
Conc: 29.23 ng/ml



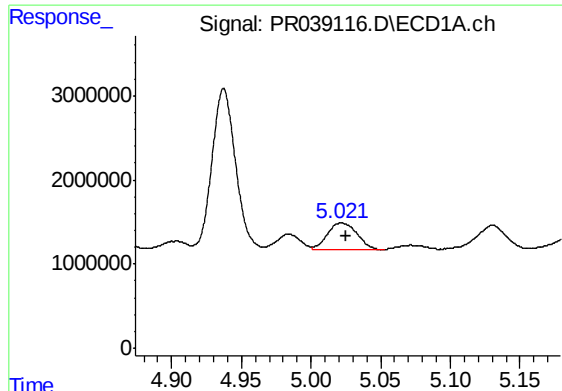
#4 AR-1016-2

R.T.: 4.862 min
Delta R.T.: 0.010 min
Response: 1885425
Conc: 16.92 ng/ml



#4 AR-1016-2

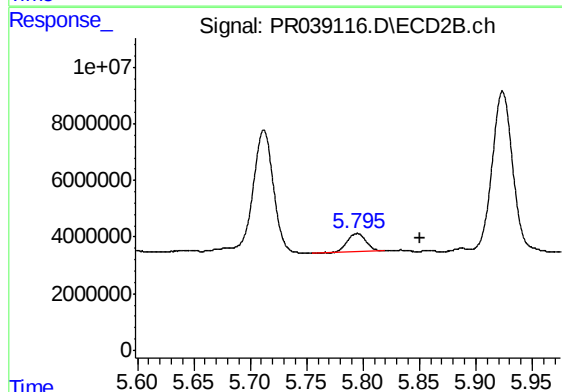
R.T.: 5.795 min
Delta R.T.: 0.006 min
Response: 7294083
Conc: 20.29 ng/ml



#5 AR-1016-3

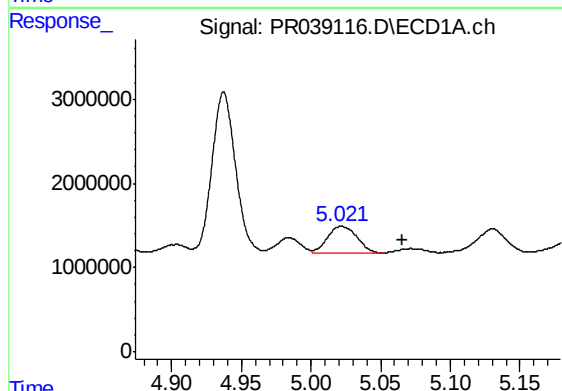
R.T.: 5.022 min
Delta R.T.: -0.004 min
Response: 4575359
Conc: 89.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



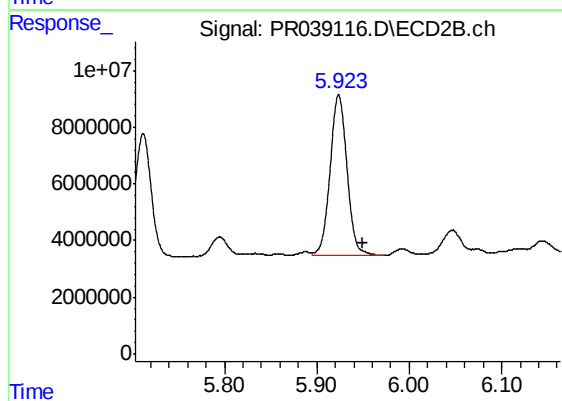
#5 AR-1016-3

R.T.: 5.795 min
Delta R.T.: -0.056 min
Response: 7294083
Conc: 34.03 ng/ml



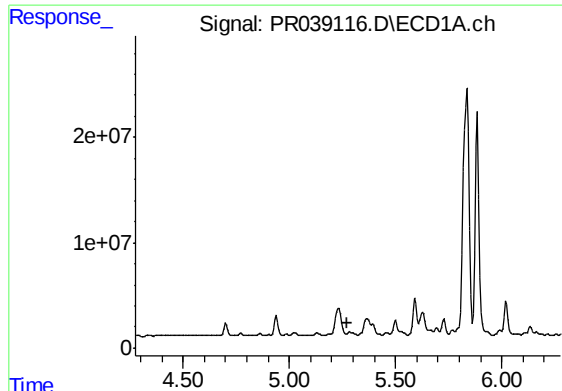
#6 AR-1016-4

R.T.: 5.022 min
Delta R.T.: -0.044 min
Response: 4575359
Conc: 108.93 ng/ml



#6 AR-1016-4

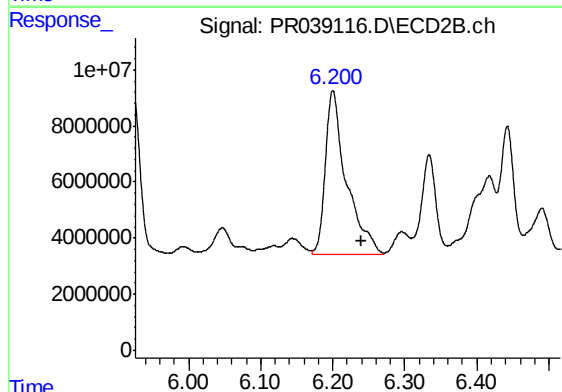
R.T.: 5.924 min
Delta R.T.: -0.026 min
Response: 72807135
Conc: 420.97 ng/ml



#7 AR-1016-5

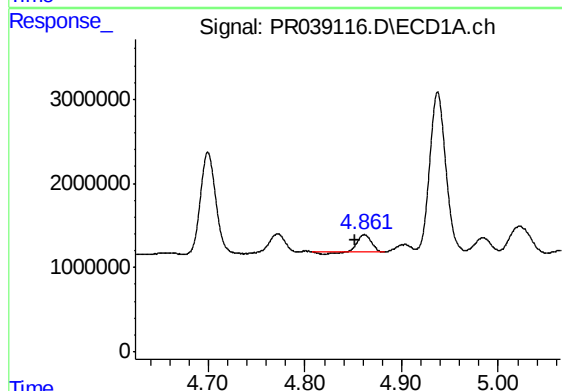
R.T.: 5.283 min
Delta R.T.: 0.007 min
Response: -3295508
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



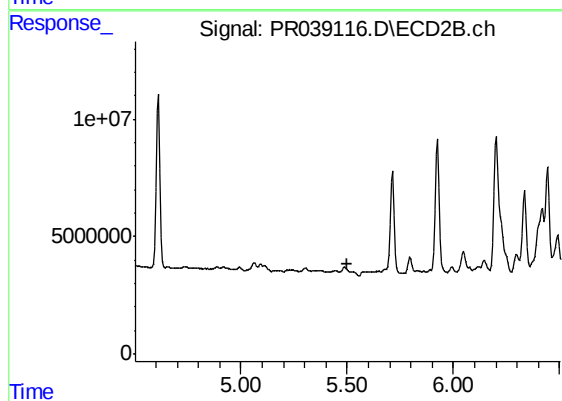
#7 AR-1016-5

R.T.: 6.200 min
Delta R.T.: -0.039 min
Response: 118717317
Conc: 680.52 ng/ml



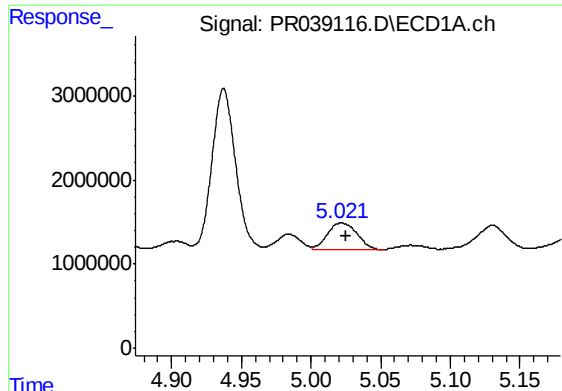
#12 AR-1232-2

R.T.: 4.862 min
Delta R.T.: 0.010 min
Response: 1885425
Conc: 44.93 ng/ml



#12 AR-1232-2

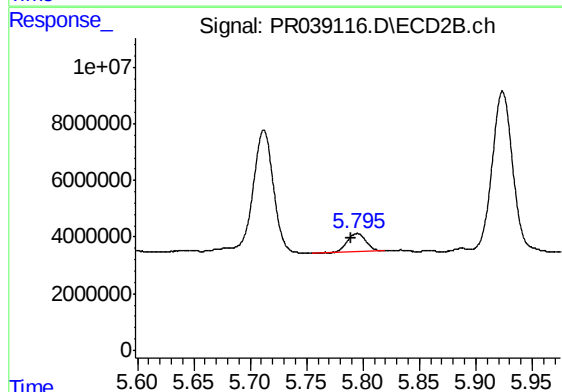
R.T.: 0.000 min
Exp R.T. : 5.503 min
Response: 0
Conc: N.D.



#13 AR-1232-3

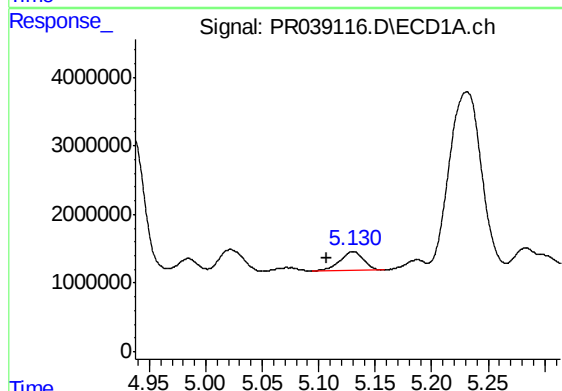
R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 4575359
Conc: 242.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



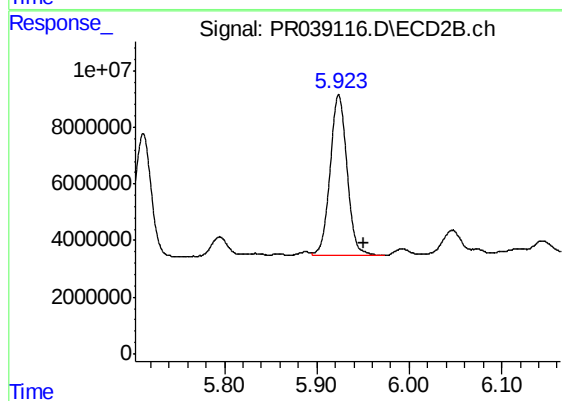
#13 AR-1232-3

R.T.: 5.795 min
Delta R.T.: 0.005 min
Response: 7294083
Conc: 54.40 ng/ml



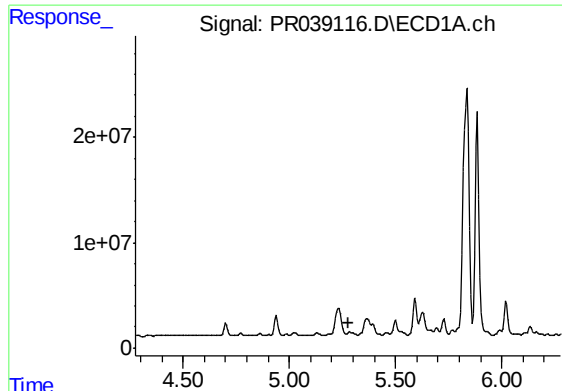
#14 AR-1232-4

R.T.: 5.130 min
Delta R.T.: 0.024 min
Response: 3990445
Conc: 224.24 ng/ml



#14 AR-1232-4

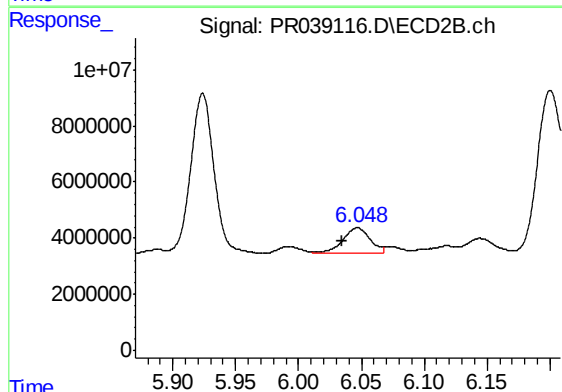
R.T.: 5.924 min
Delta R.T.: -0.027 min
Response: 72807135
Conc: 1141.30 ng/ml



#15 AR-1232-5

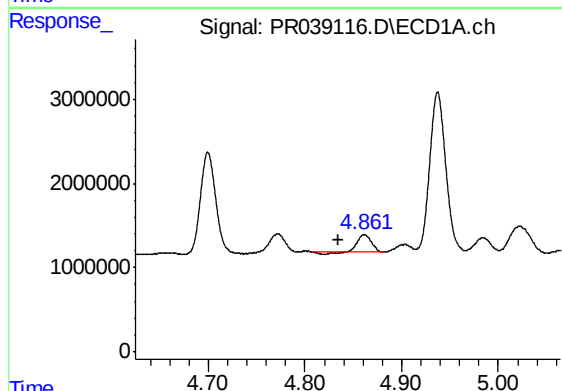
R.T.: 5.283 min
Delta R.T.: 0.007 min
Response: -3295508
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



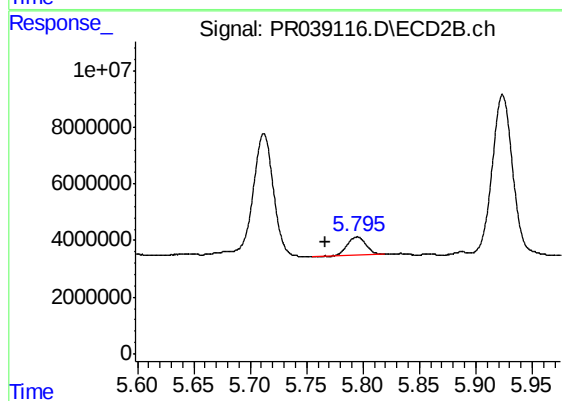
#15 AR-1232-5

R.T.: 6.048 min
Delta R.T.: 0.012 min
Response: 14140381
Conc: 295.62 ng/ml



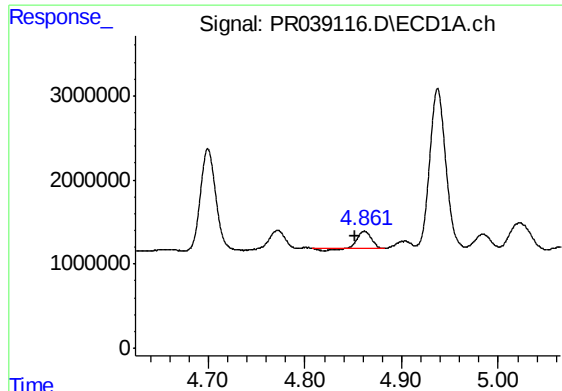
#16 AR-1242-1

R.T.: 4.862 min
Delta R.T.: 0.028 min
Response: 1885425
Conc: 34.15 ng/ml



#16 AR-1242-1

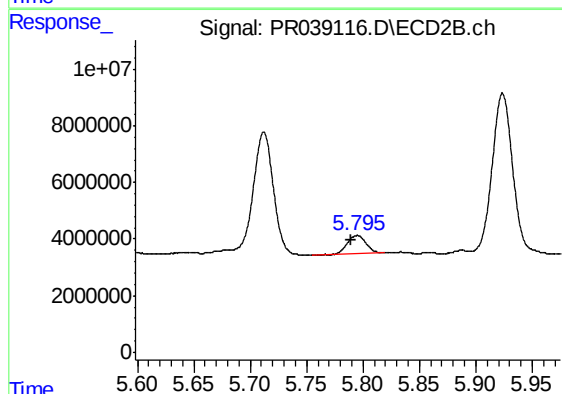
R.T.: 5.795 min
Delta R.T.: 0.028 min
Response: 7294083
Conc: 36.13 ng/ml



#17 AR-1242-2

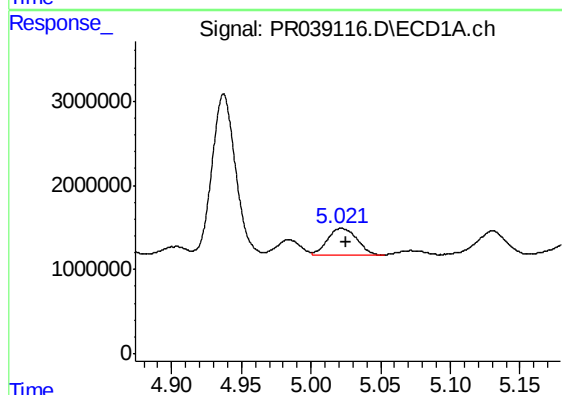
R.T.: 4.862 min
Delta R.T.: 0.010 min
Response: 1885425
Conc: 21.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



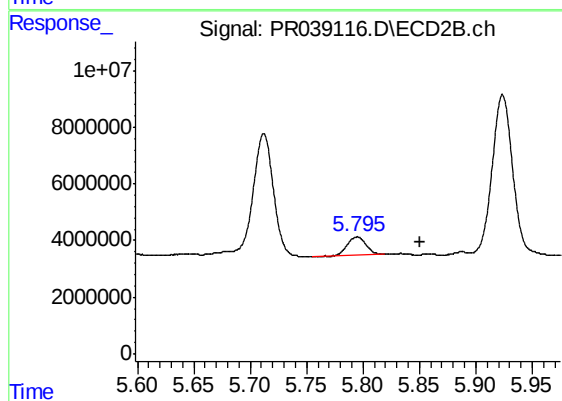
#17 AR-1242-2

R.T.: 5.795 min
Delta R.T.: 0.005 min
Response: 7294083
Conc: 25.53 ng/ml



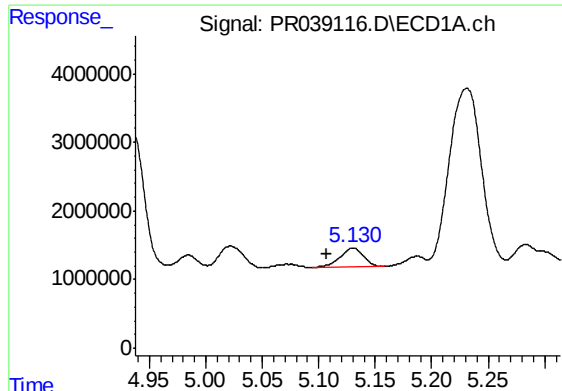
#18 AR-1242-3

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 4575359
Conc: 107.67 ng/ml



#18 AR-1242-3

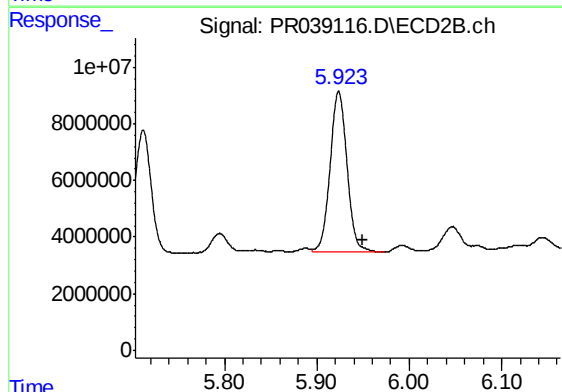
R.T.: 5.795 min
Delta R.T.: -0.056 min
Response: 7294083
Conc: 42.17 ng/ml



#19 AR-1242-4

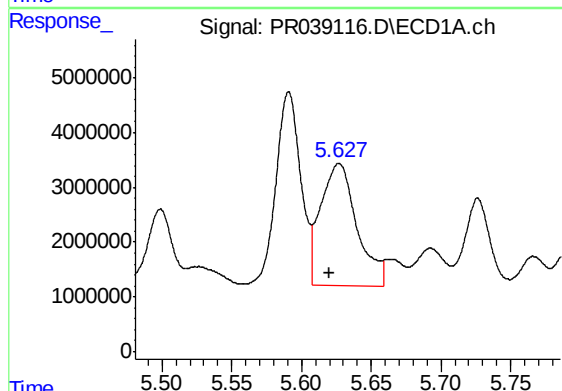
R.T.: 5.130 min
Delta R.T.: 0.024 min
Response: 3990445
Conc: 92.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



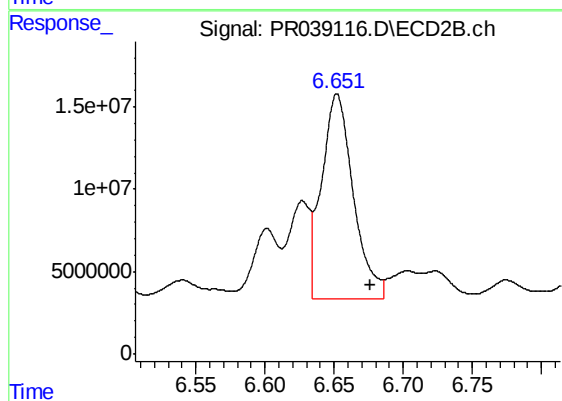
#19 AR-1242-4

R.T.: 5.924 min
Delta R.T.: -0.026 min
Response: 72807135
Conc: 515.61 ng/ml



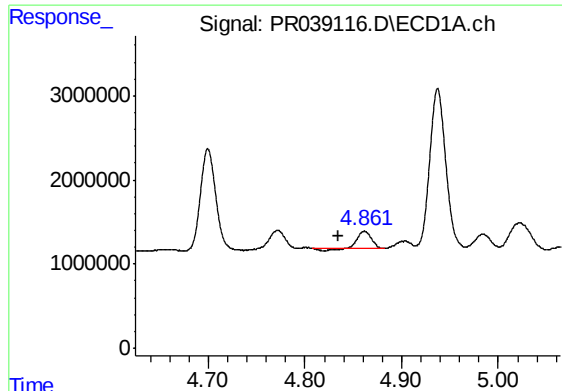
#20 AR-1242-5

R.T.: 5.627 min
Delta R.T.: 0.007 min
Response: 40340581
Conc: 671.93 ng/ml



#20 AR-1242-5

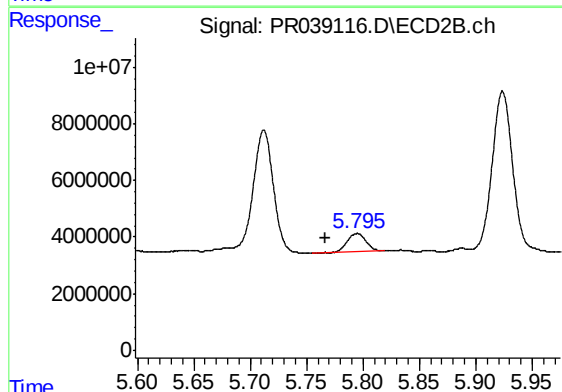
R.T.: 6.652 min
Delta R.T.: -0.024 min
Response: 197323844
Conc: 1197.28 ng/ml



#21 AR-1248-1

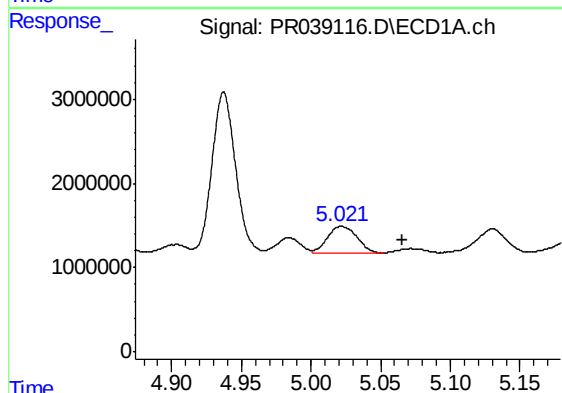
R.T.: 4.862 min
Delta R.T.: 0.028 min
Response: 1885425
Conc: 42.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



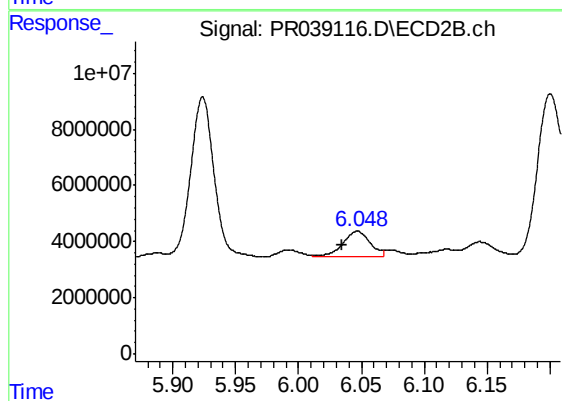
#21 AR-1248-1

R.T.: 5.795 min
Delta R.T.: 0.028 min
Response: 7294083
Conc: 47.31 ng/ml



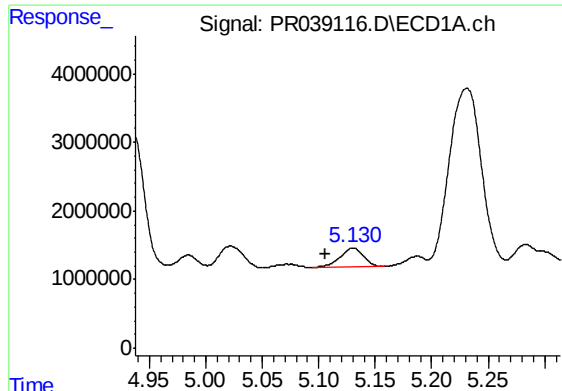
#22 AR-1248-2

R.T.: 5.022 min
Delta R.T.: -0.044 min
Response: 4575359
Conc: 76.48 ng/ml



#22 AR-1248-2

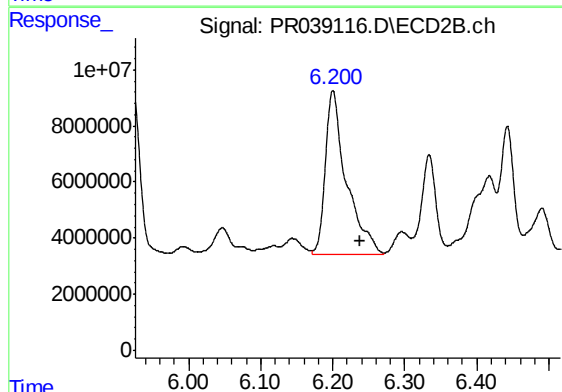
R.T.: 6.048 min
Delta R.T.: 0.013 min
Response: 14140381
Conc: 69.37 ng/ml



#23 AR-1248-3

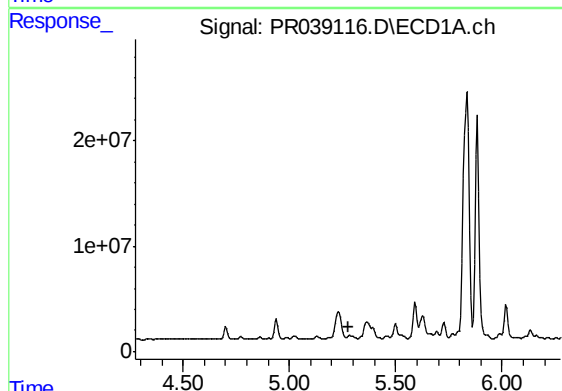
R.T.: 5.130 min
Delta R.T.: 0.024 min
Response: 3990445
Conc: 63.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



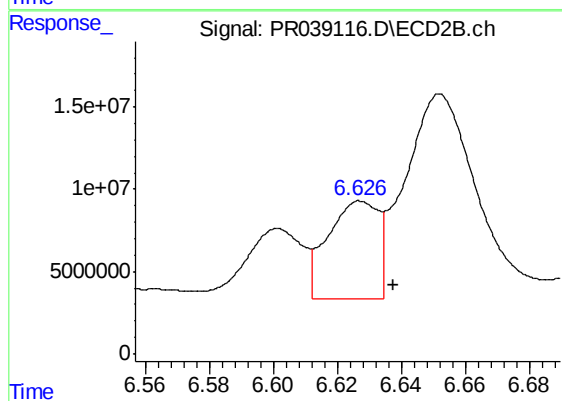
#23 AR-1248-3

R.T.: 6.200 min
Delta R.T.: -0.038 min
Response: 118717317
Conc: 504.09 ng/ml



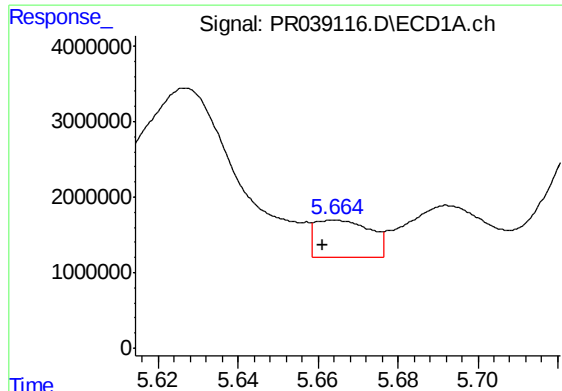
#24 AR-1248-4

R.T.: 5.283 min
Delta R.T.: 0.008 min
Response: -3295508
Conc: N.D.



#24 AR-1248-4

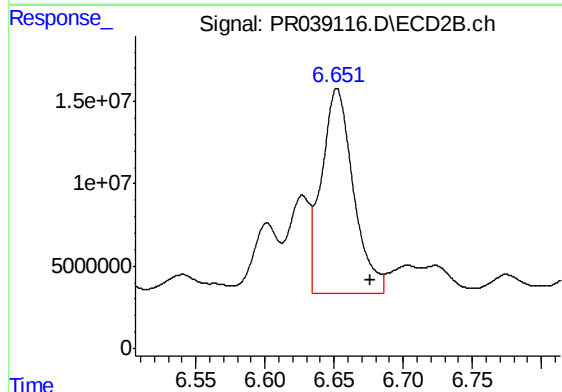
R.T.: 6.627 min
Delta R.T.: -0.010 min
Response: 64255683
Conc: 222.71 ng/ml



#25 AR-1248-5

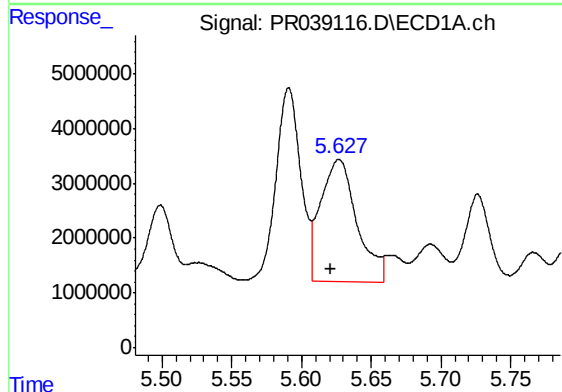
R.T.: 5.664 min
Delta R.T.: 0.003 min
Response: 4755233
Conc: 56.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



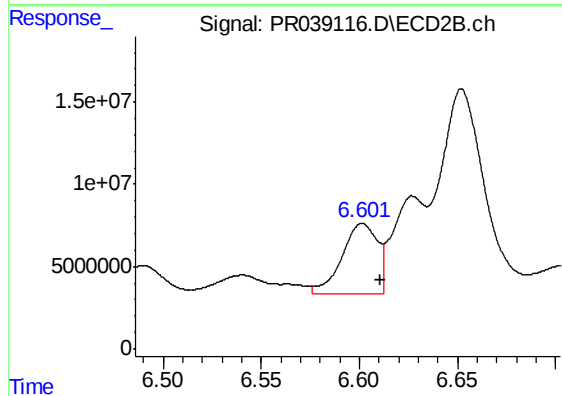
#25 AR-1248-5

R.T.: 6.652 min
Delta R.T.: -0.024 min
Response: 197323844
Conc: 720.75 ng/ml



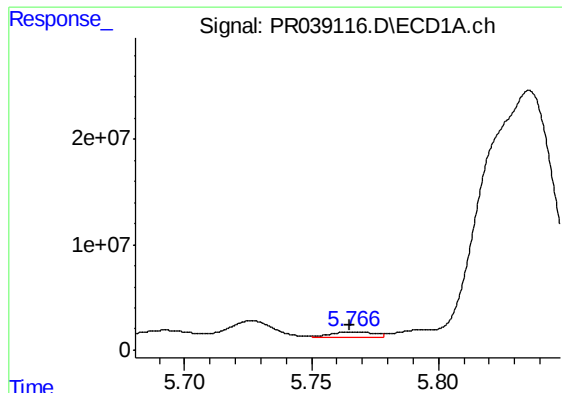
#26 AR-1254-1

R.T.: 5.627 min
Delta R.T.: 0.006 min
Response: 40340581
Conc: 387.04 ng/ml



#26 AR-1254-1

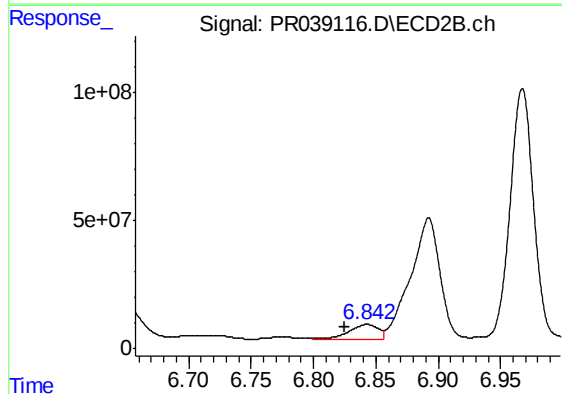
R.T.: 6.602 min
Delta R.T.: -0.010 min
Response: 52950871
Conc: 233.23 ng/ml



#27 AR-1254-2

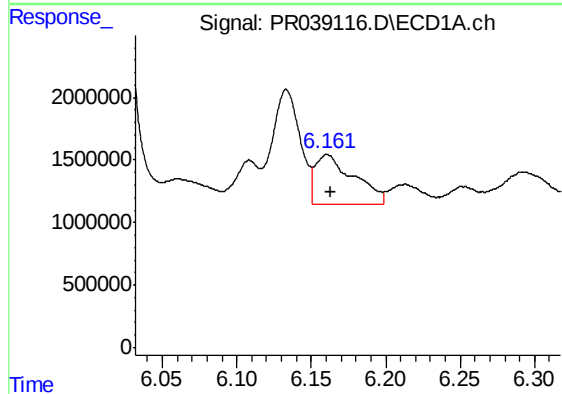
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 6610543
Conc: 72.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



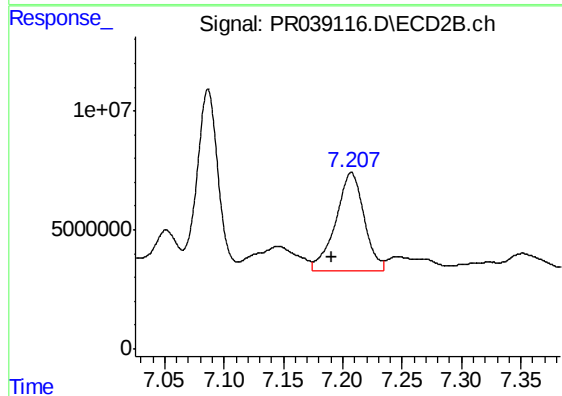
#27 AR-1254-2

R.T.: 6.843 min
Delta R.T.: 0.018 min
Response: 101450032
Conc: 283.30 ng/ml



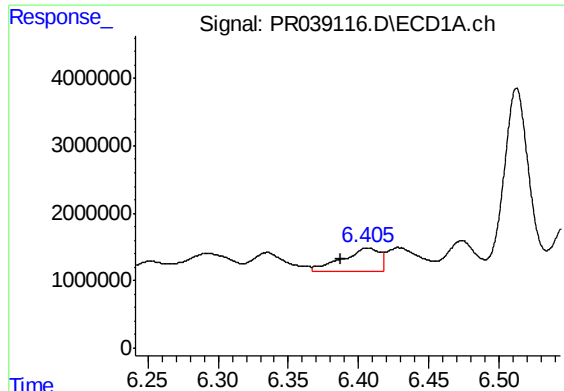
#28 AR-1254-3

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 7191681
Conc: 45.75 ng/ml



#28 AR-1254-3

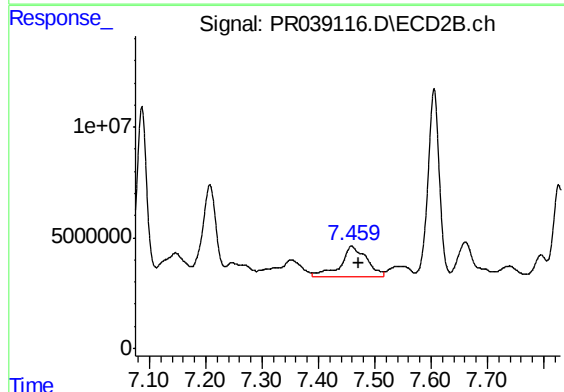
R.T.: 7.207 min
Delta R.T.: 0.017 min
Response: 68691160
Conc: 168.08 ng/ml



#29 AR-1254-4

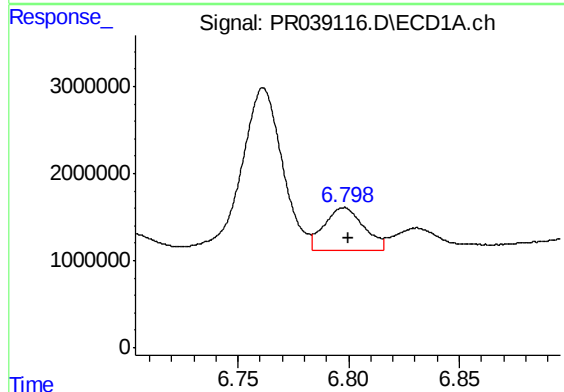
R.T.: 6.406 min
Delta R.T.: 0.019 min
Response: 6451424
Conc: 61.87 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



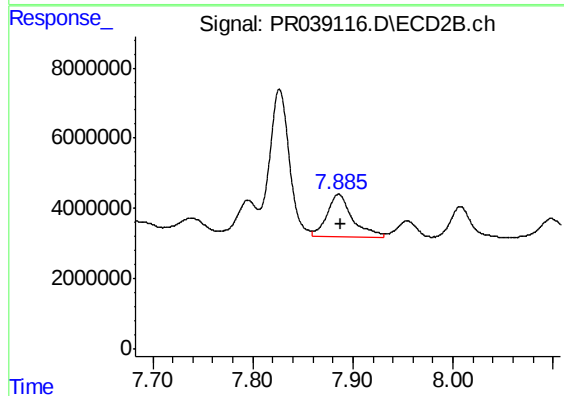
#29 AR-1254-4

R.T.: 7.459 min
Delta R.T.: -0.014 min
Response: 43572761
Conc: 140.07 ng/ml



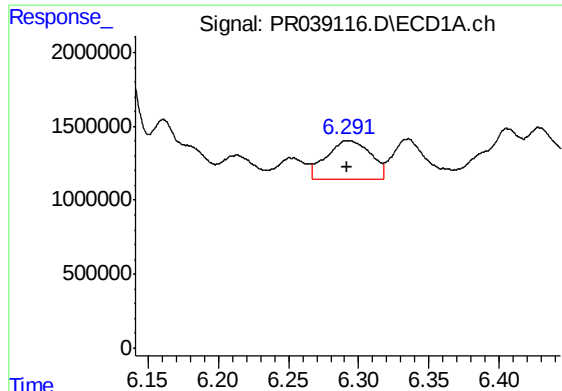
#30 AR-1254-5

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 6101940
Conc: 42.85 ng/ml



#30 AR-1254-5

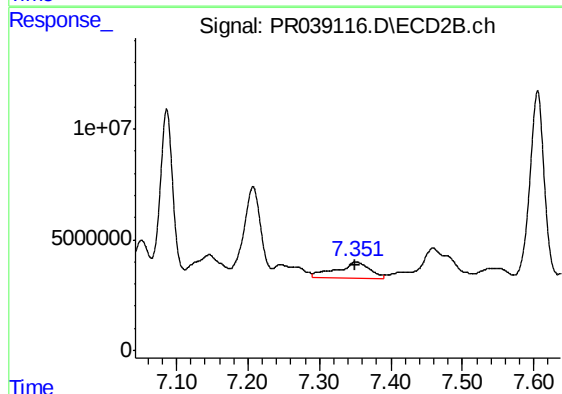
R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 21543418
Conc: 64.90 ng/ml



#31 AR-1260-1

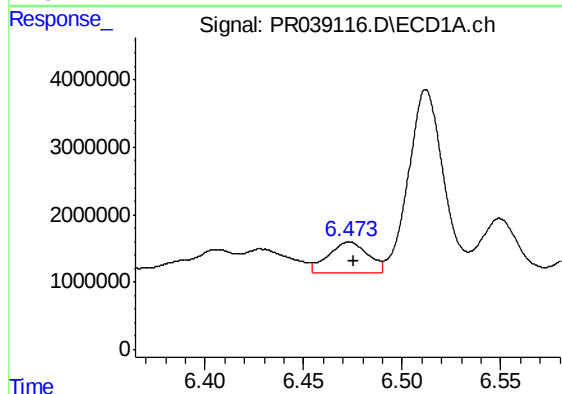
R.T.: 6.292 min
Delta R.T.: 0.000 min
Response: 5760826
Conc: 49.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



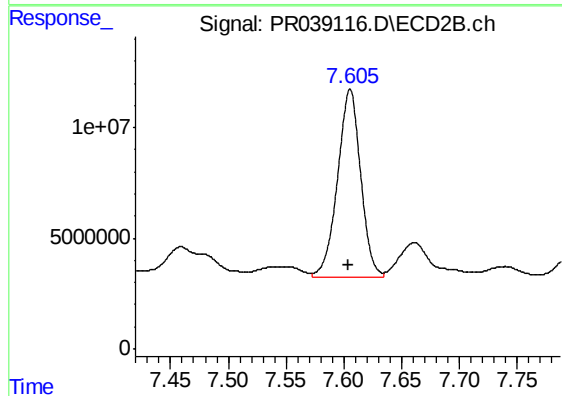
#31 AR-1260-1

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 23772704
Conc: 72.61 ng/ml



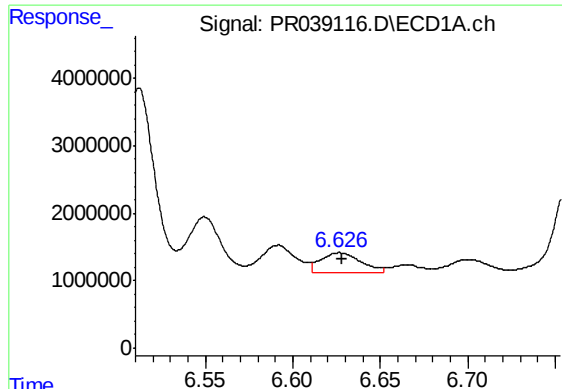
#32 AR-1260-2

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 6595477
Conc: 44.23 ng/ml



#32 AR-1260-2

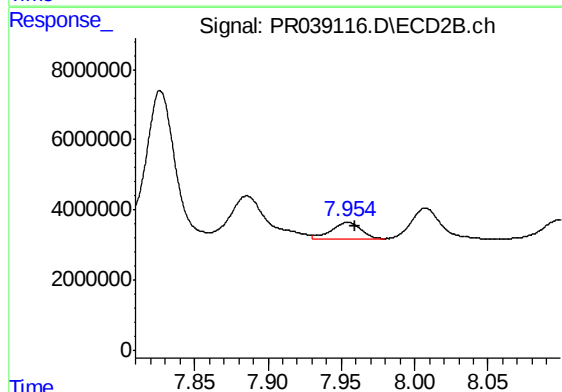
R.T.: 7.606 min
Delta R.T.: 0.002 min
Response: 118590927
Conc: 294.97 ng/ml



#33 AR-1260-3

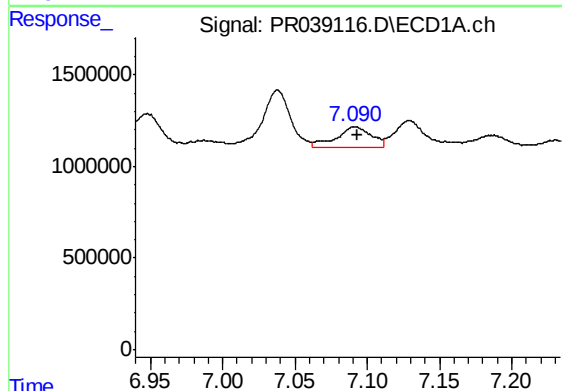
R.T.: 6.627 min
Delta R.T.: -0.001 min
Response: 4576111
Conc: 33.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



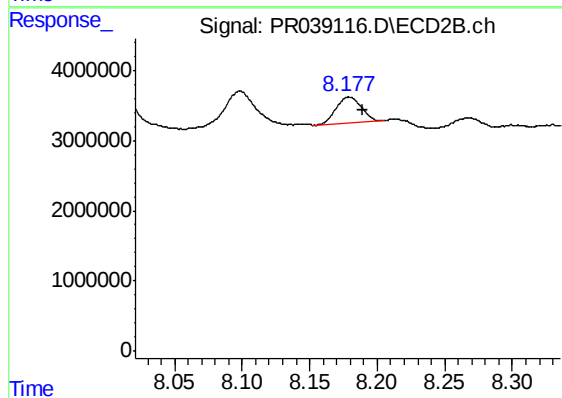
#33 AR-1260-3

R.T.: 7.954 min
Delta R.T.: -0.005 min
Response: 6503736
Conc: 20.85 ng/ml



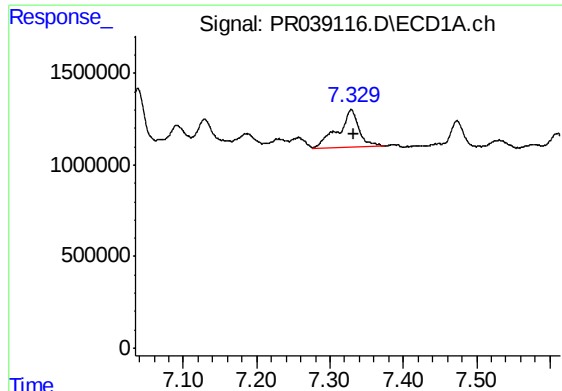
#34 AR-1260-4

R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 1955181
Conc: 16.67 ng/ml



#34 AR-1260-4

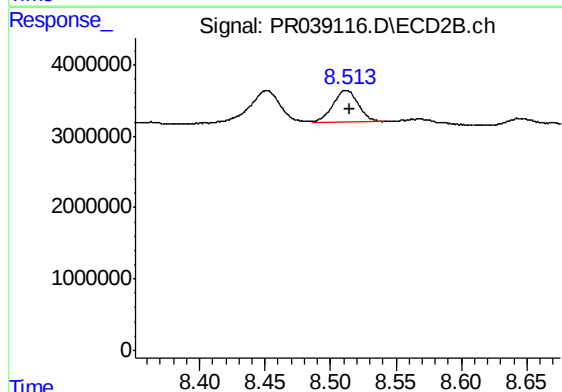
R.T.: 8.179 min
Delta R.T.: -0.010 min
Response: 4746330
Conc: 13.13 ng/ml



#35 AR-1260-5

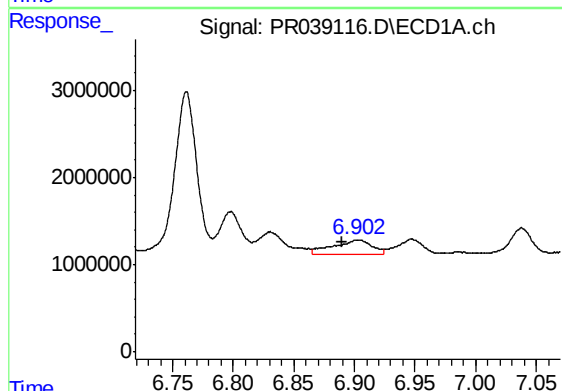
R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 3949552
Conc: 13.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



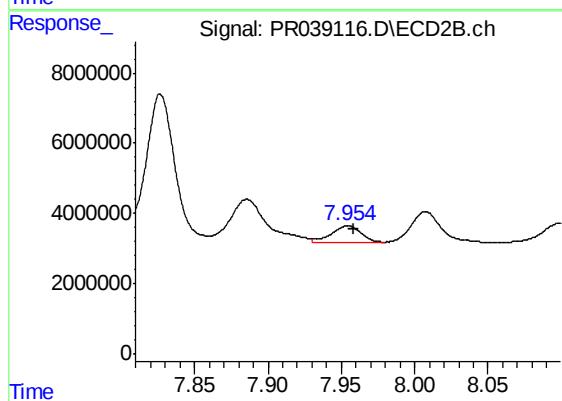
#35 AR-1260-5

R.T.: 8.512 min
Delta R.T.: -0.003 min
Response: 6079918
Conc: 7.96 ng/ml



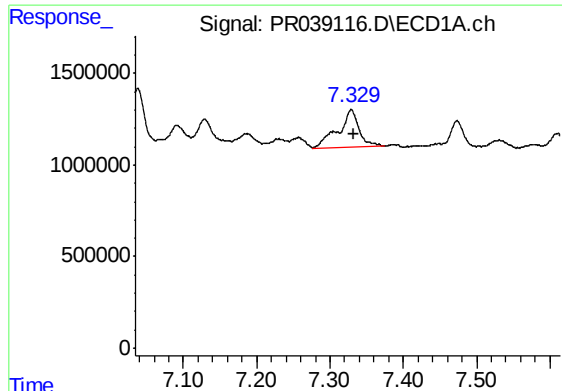
#36 AR-1262-1

R.T.: 6.904 min
Delta R.T.: 0.014 min
Response: 3854236
Conc: 53.47 ng/ml



#36 AR-1262-1

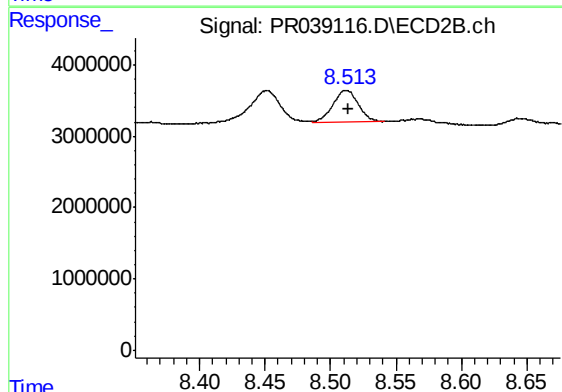
R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 6503736
Conc: 13.25 ng/ml



#37 AR-1262-2

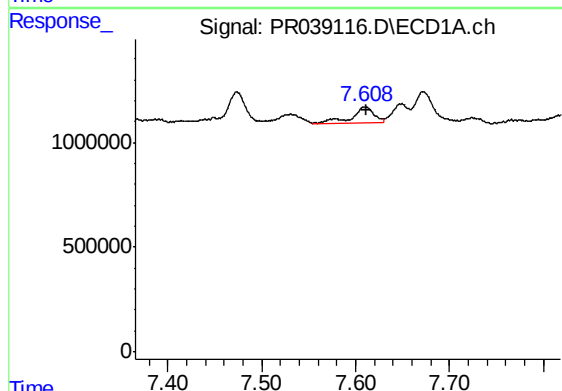
R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 3949552
Conc: 10.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



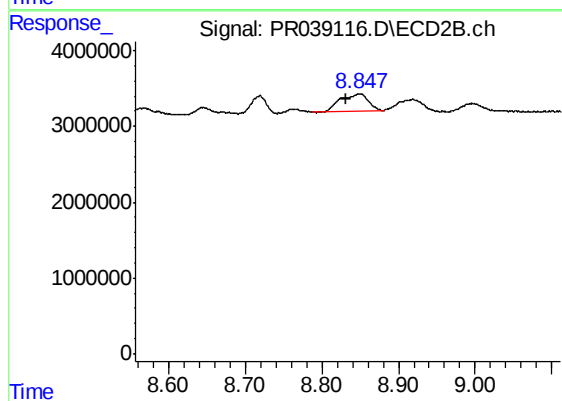
#37 AR-1262-2

R.T.: 8.512 min
Delta R.T.: -0.002 min
Response: 6079918
Conc: 6.36 ng/ml



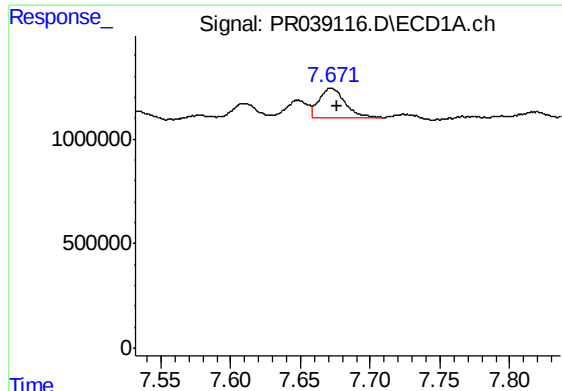
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 1252474
Conc: 9.32 ng/ml



#38 AR-1262-3

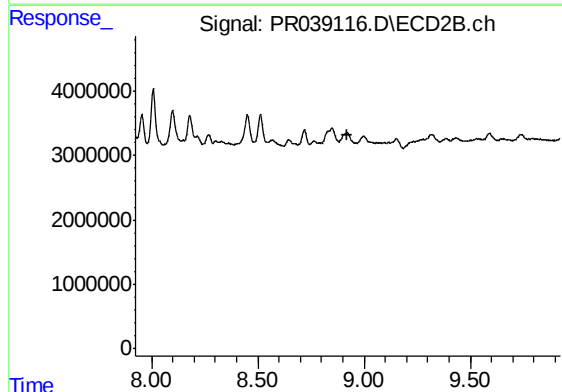
R.T.: 8.850 min
Delta R.T.: 0.019 min
Response: 5798678
Conc: 9.43 ng/ml



#39 AR-1262-4

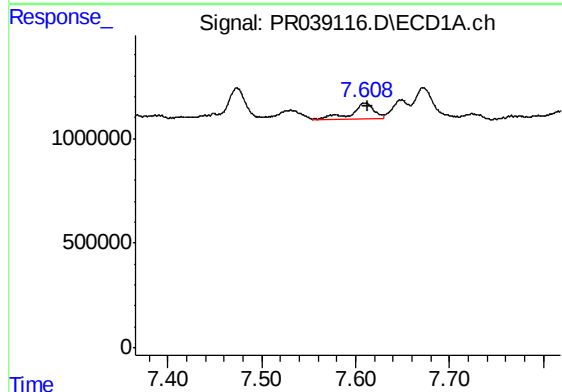
R.T.: 7.672 min
Delta R.T.: -0.004 min
Response: 1856692
Conc: 7.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



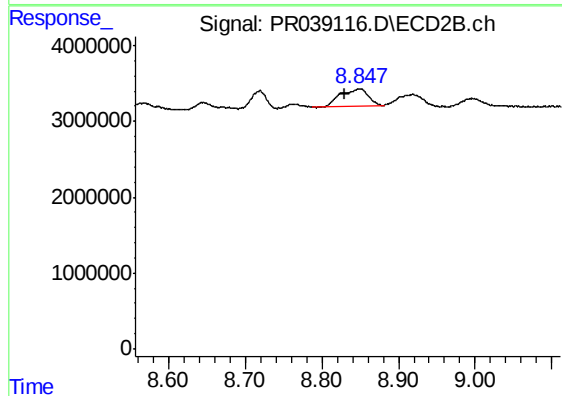
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.924 min
Response: 0
Conc: N.D.



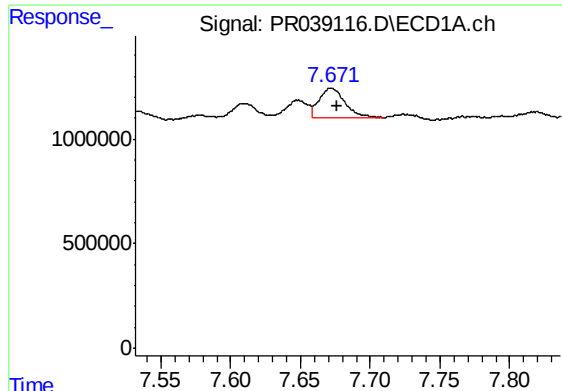
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: -0.002 min
Response: 1252474
Conc: 3.28 ng/ml



#41 AR-1268-1

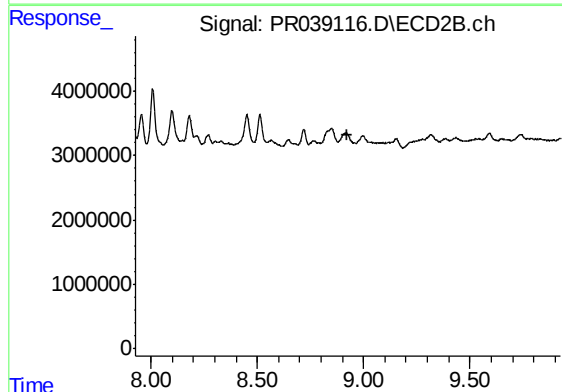
R.T.: 8.850 min
Delta R.T.: 0.020 min
Response: 5798678
Conc: 5.62 ng/ml



#42 AR-1268-2

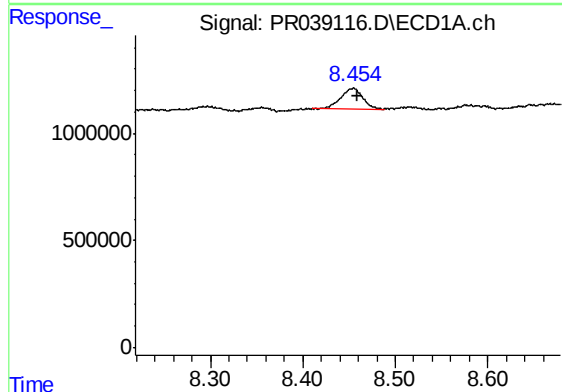
R.T.: 7.672 min
Delta R.T.: -0.004 min
Response: 1856692
Conc: 5.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
TOP-SOIL-07-01-19



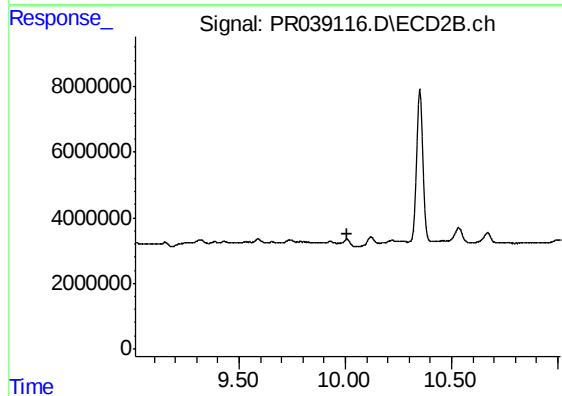
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.926 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.004 min
Response: 1600116
Conc: 1.65 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.012 min
Response: 0
Conc: N.D.