

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR032919\
 Data File : PR036729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Mar 2019 12:49
 Operator : SM\SJ
 Sample : K2130-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleID :
 SOIL-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 22:45:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR032319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 03:18:52 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...	4.395	3.471	39186821	122.5E6	23.265	23.483
2)	SA Decachlor...	10.040	8.330	29166024	81176047	19.133	15.623
Target Compounds							
3)	L1 AR-1016-1	5.494	0.000	6683940	0	105.373	N.D. #
5)	L1 AR-1016-3	5.710	4.708	3750060	3493501	61.689	22.985 #
6)	L1 AR-1016-4	5.710	4.708	3750060	3493501	76.034	28.734 #
7)	L1 AR-1016-5	6.033	4.971	1790199	8639312	36.505	53.408 #
9)	L2 AR-1221-2	0.000	3.762	0	4507400	N.D.	110.843 #
10)	L2 AR-1221-3	0.000	3.878	0	6783749	N.D.	51.571 #
11)	L3 AR-1232-1	0.000	3.878	0	6783749	N.D.	73.739 #
13)	L3 AR-1232-3	0.000	4.708	0	3493501	N.D.	64.206 #
14)	L3 AR-1232-4	5.710	4.816	3750060	9830033	212.243	203.173
15)	L3 AR-1232-5	0.000	4.971	0	8639312	N.D.	157.967 #
16)	L4 AR-1242-1	5.494	0.000	6683940	0	144.852	N.D. #
18)	L4 AR-1242-3	5.710	4.708	3750060	3493501	85.401	30.788 #
19)	L4 AR-1242-4	5.710	4.816	3750060	9830033	104.147	90.287
20)	L4 AR-1242-5	6.415	5.307	8504210	18469323	203.499	117.640 #
21)	L5 AR-1248-1	5.494	0.000	6683940	0	105.758	N.D. #
22)	L5 AR-1248-2	0.000	4.708	0	3493501	N.D.	13.062 #
23)	L5 AR-1248-3	6.033	4.816	1790199	9830033	17.368	35.544 #
24)	L5 AR-1248-4	6.415	4.971	8504210	8639312	69.799	24.970 #
25)	L5 AR-1248-5	6.415	5.307	8504210	18469323	72.198	49.984 #
26)	L6 AR-1254-1	6.415	5.307	8504210	18469323	119.046	54.486 #
27)	L6 AR-1254-2	6.621	5.444	7406786	8105306	65.296	26.821 #
28)	L6 AR-1254-3	6.996	5.853	4796922	17226618	38.897	35.267
29)	L6 AR-1254-4	0.000	6.063	0	7430135	N.D.	20.269 #
30)	L6 AR-1254-5	7.683	6.470	4495418	11960455	47.129	25.719 #
31)	L7 AR-1260-1	7.144	5.964	2861462	13400474	32.399	41.298 #
32)	L7 AR-1260-2	7.398	6.149	7625076	20150918	71.783	42.093 #
33)	L7 AR-1260-3	7.757	6.299	2410683	11316083	29.404	29.469
34)	L7 AR-1260-4	7.982	6.762	3334214	6694184	35.326	20.141 #
35)	L7 AR-1260-5	8.297	7.004	4794496	19336496	26.070	20.457
36)	L8 AR-1262-1	7.757	6.561	2410683	4086984	20.870	18.631
37)	L8 AR-1262-2	8.297	7.004	4794496	19336496	22.224	17.162
38)	L8 AR-1262-3	8.616	7.281	3225615	5482349	22.015	12.566 #
39)	L8 AR-1262-4	0.000	7.345	0	13270383	N.D.	17.603 #
40)	L8 AR-1262-5	0.000	7.836	0	4805244	N.D.	14.901 #
41)	L9 AR-1268-1	8.616	7.281	3225615	5482349	12.722	4.114 #
42)	L9 AR-1268-2	0.000	7.345	0	13270383	N.D.	11.670 #
44)	L9 AR-1268-4	0.000	7.836	0	4805244	N.D.	13.178 #
45)	L9 AR-1268-5	0.000	8.104	0	2474587	N.D.	0.963 #

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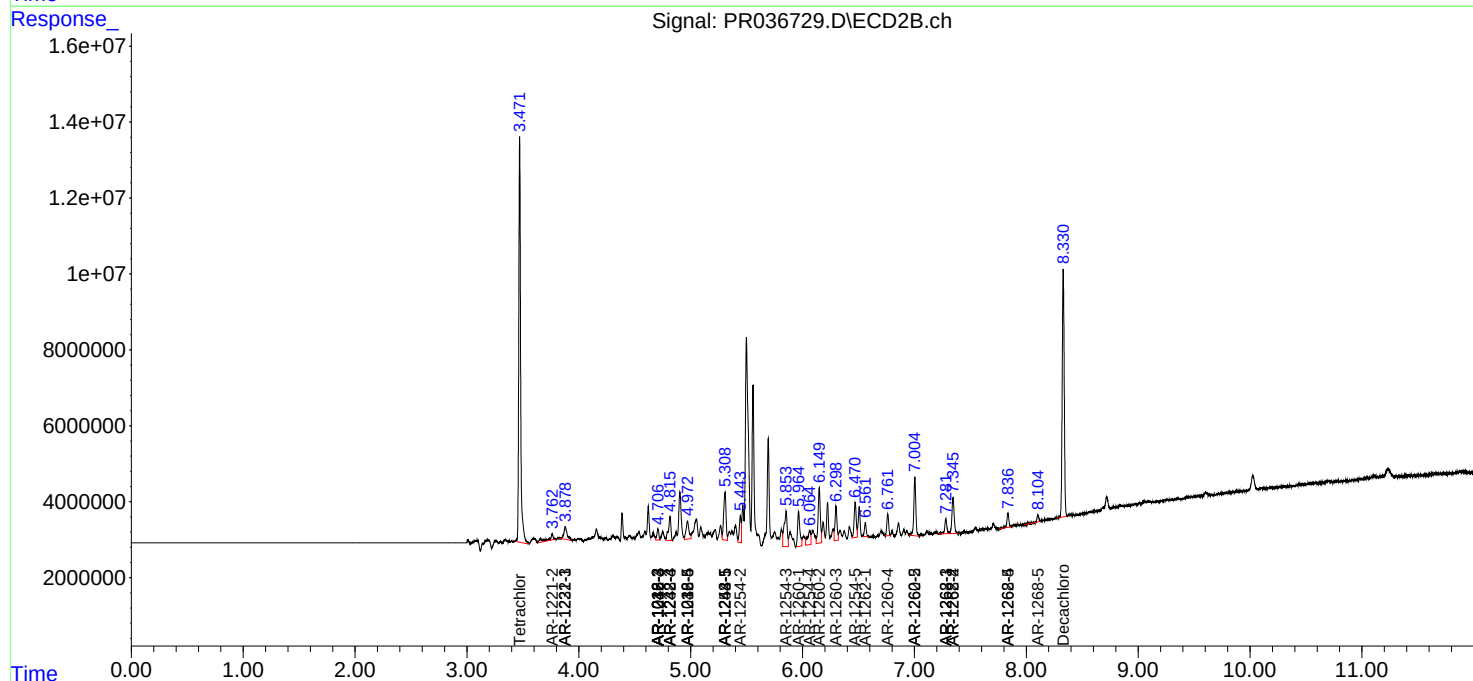
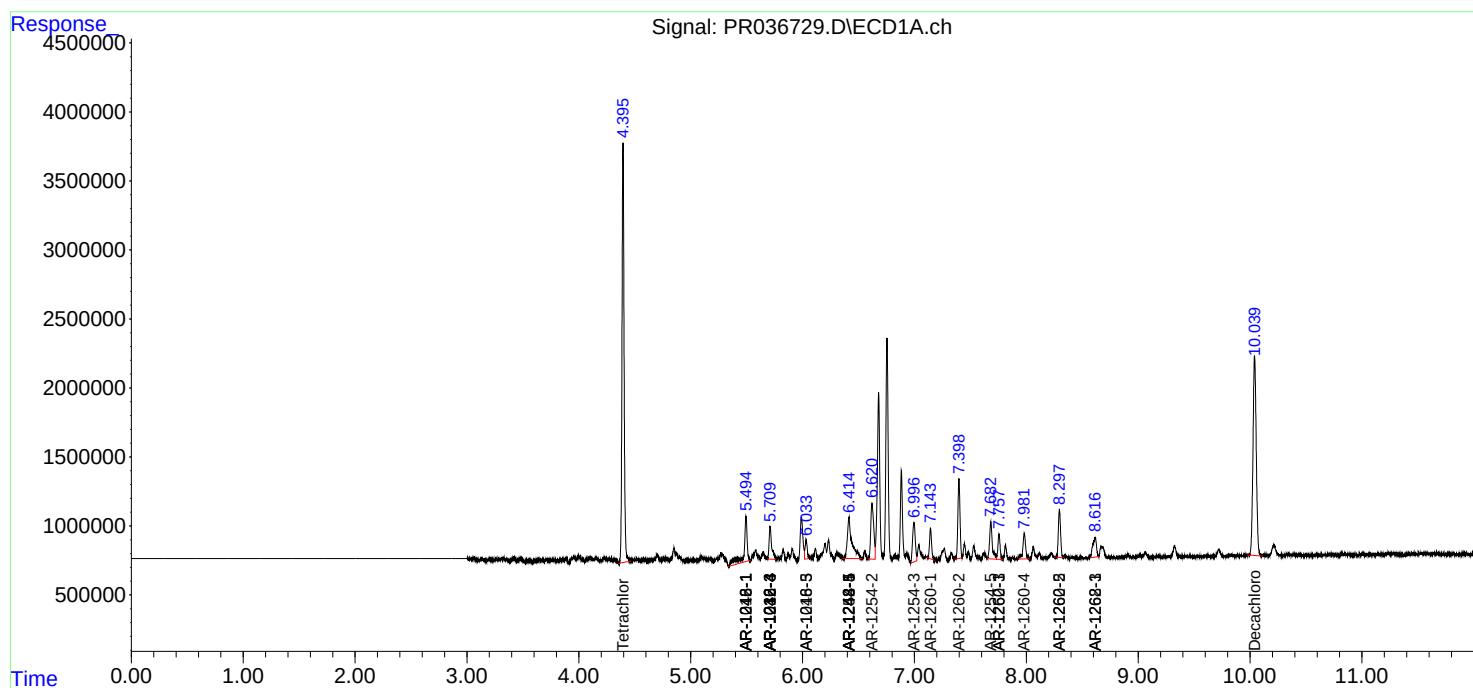
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

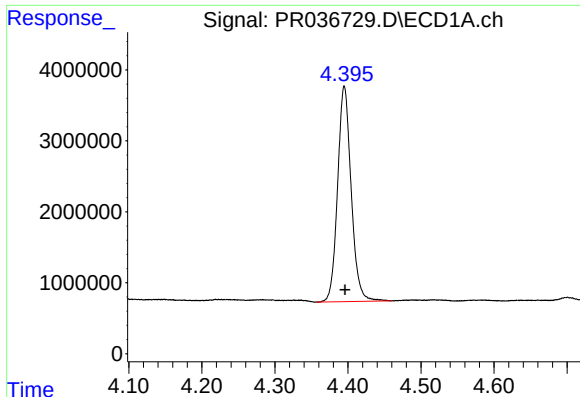
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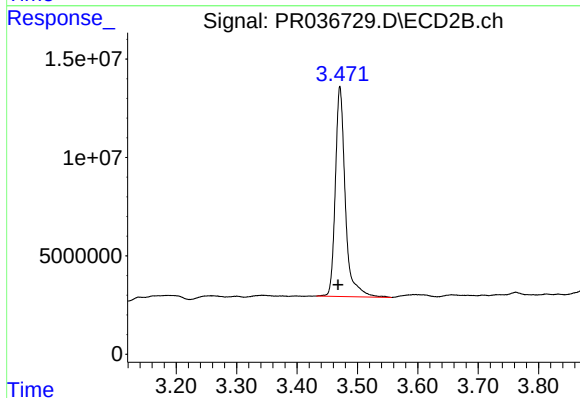




#1 Tetrachloro-m-xylene

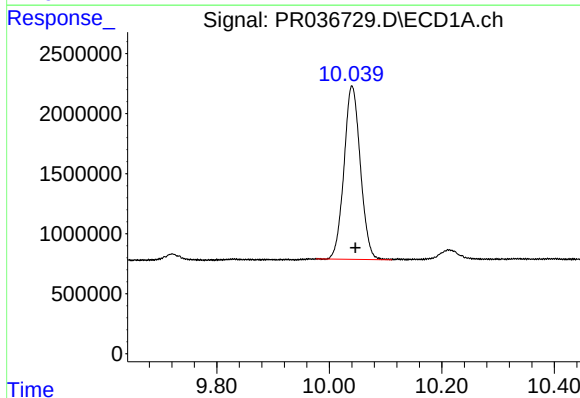
R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 39186821
Conc: 23.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



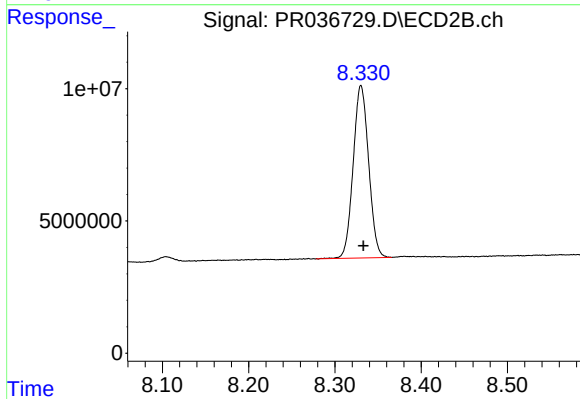
#1 Tetrachloro-m-xylene

R.T.: 3.471 min
Delta R.T.: 0.003 min
Response: 122473074
Conc: 23.48 ng/ml



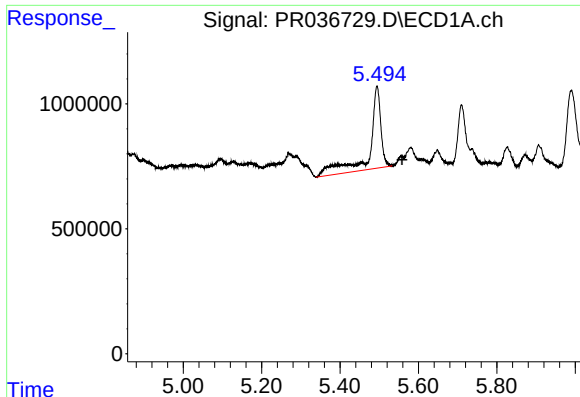
#2 Decachlorobiphenyl

R.T.: 10.040 min
Delta R.T.: -0.006 min
Response: 29166024
Conc: 19.13 ng/ml



#2 Decachlorobiphenyl

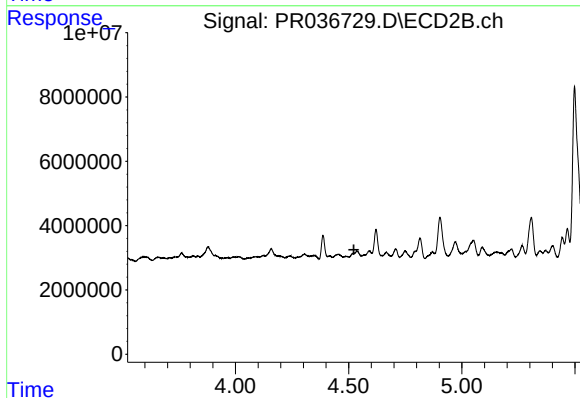
R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 81176047
Conc: 15.62 ng/ml



#3 AR-1016-1

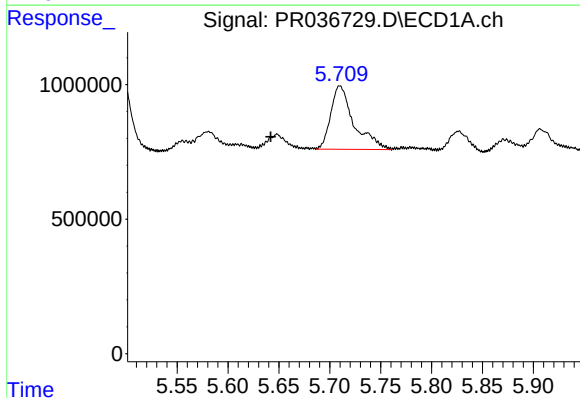
R.T.: 5.494 min
Delta R.T.: -0.064 min
Response: 6683940
Conc: 105.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



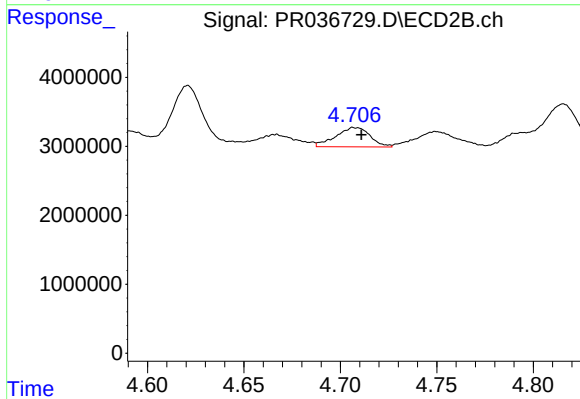
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



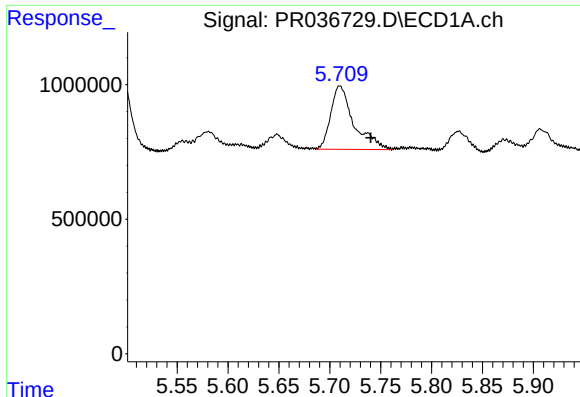
#5 AR-1016-3

R.T.: 5.710 min
Delta R.T.: 0.068 min
Response: 3750060
Conc: 61.69 ng/ml



#5 AR-1016-3

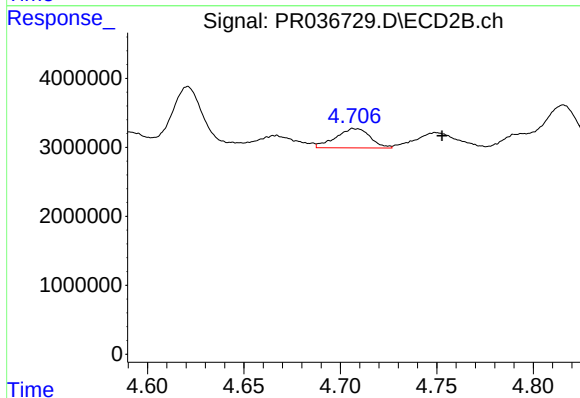
R.T.: 4.708 min
Delta R.T.: -0.003 min
Response: 3493501
Conc: 22.98 ng/ml



#6 AR-1016-4

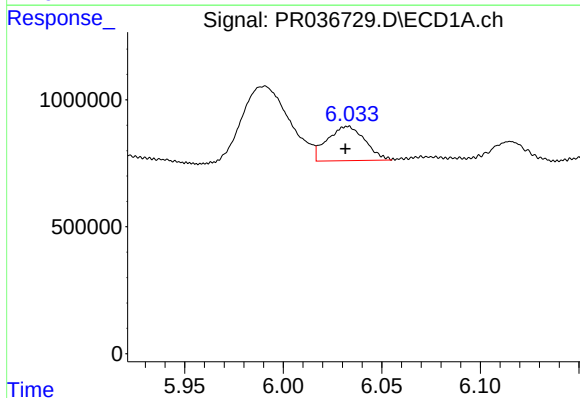
R.T.: 5.710 min
Delta R.T.: -0.030 min
Response: 3750060
Conc: 76.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



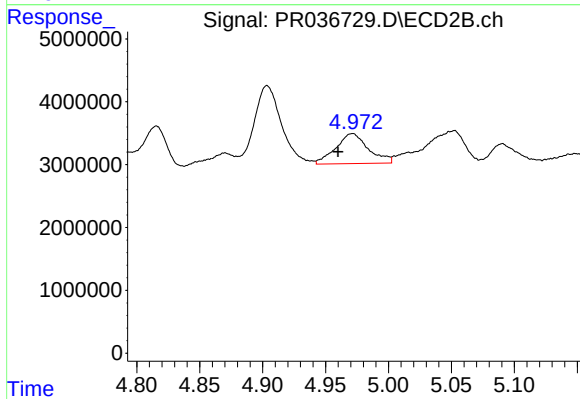
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: -0.045 min
Response: 3493501
Conc: 28.73 ng/ml



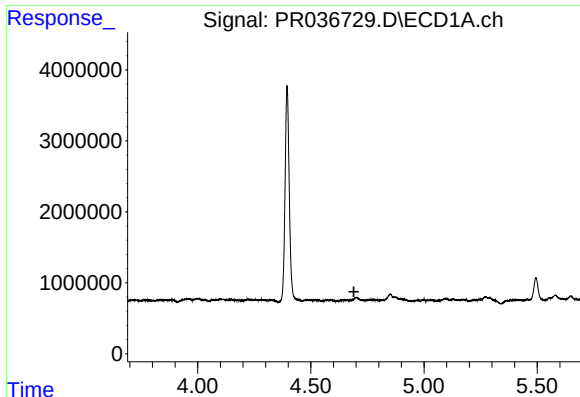
#7 AR-1016-5

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1790199
Conc: 36.50 ng/ml



#7 AR-1016-5

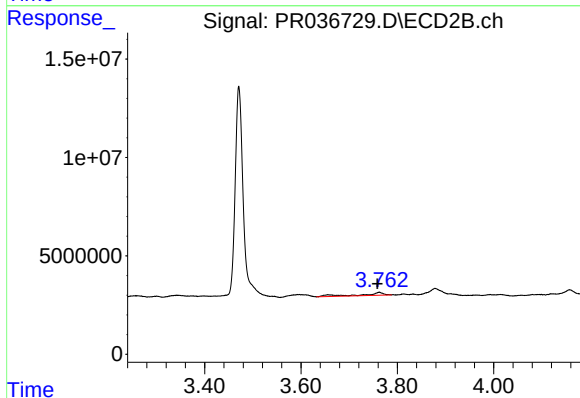
R.T.: 4.971 min
Delta R.T.: 0.011 min
Response: 8639312
Conc: 53.41 ng/ml



#9 AR-1221-2

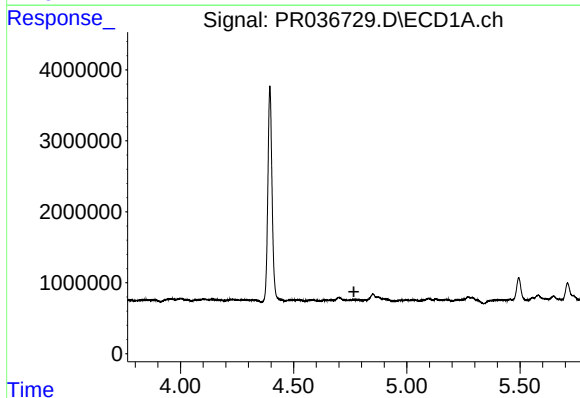
R.T.: 0.000 min
Exp R.T. : 4.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



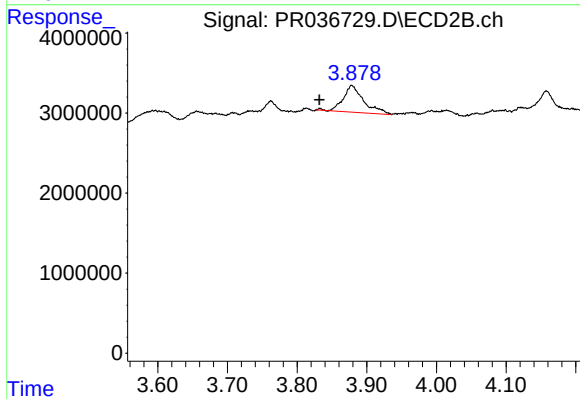
#9 AR-1221-2

R.T.: 3.762 min
Delta R.T.: 0.004 min
Response: 4507400
Conc: 110.84 ng/ml



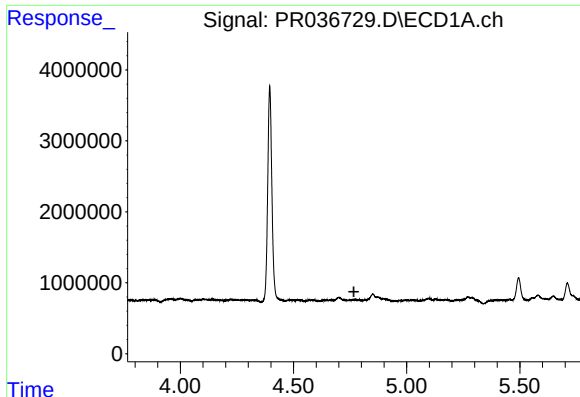
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



#10 AR-1221-3

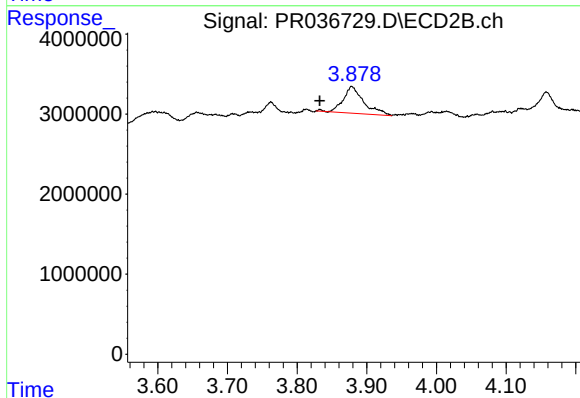
R.T.: 3.878 min
Delta R.T.: 0.046 min
Response: 6783749
Conc: 51.57 ng/ml



#11 AR-1232-1

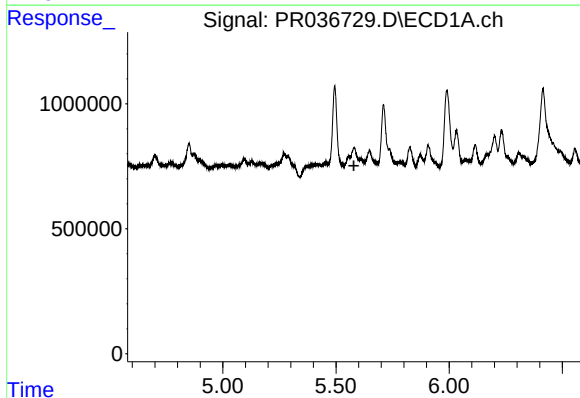
R.T.: 0.000 min
Exp R.T.: 4.767 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



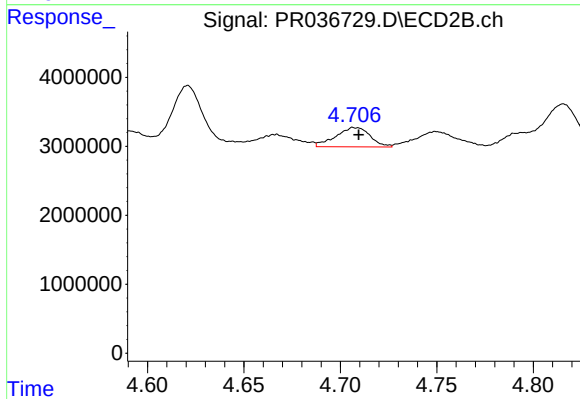
#11 AR-1232-1

R.T.: 3.878 min
Delta R.T.: 0.046 min
Response: 6783749
Conc: 73.74 ng/ml



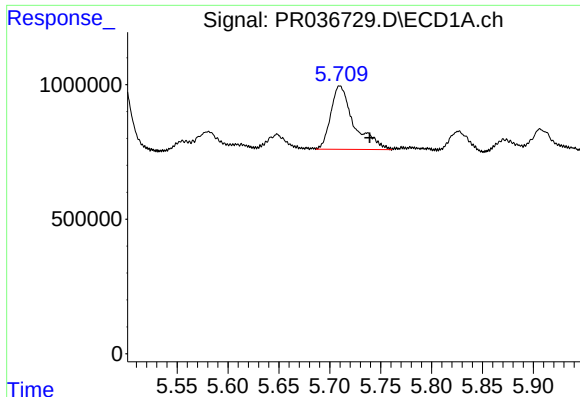
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.579 min
Response: 0
Conc: N.D.



#13 AR-1232-3

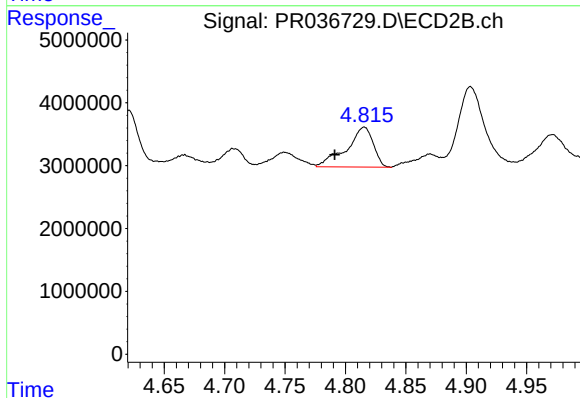
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 3493501
Conc: 64.21 ng/ml



#14 AR-1232-4

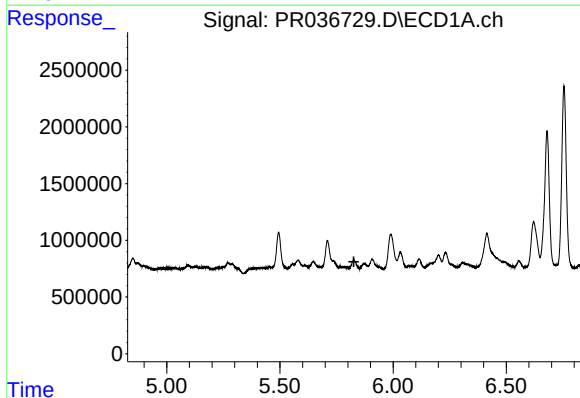
R.T.: 5.710 min
Delta R.T.: -0.029 min
Response: 3750060
Conc: 212.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



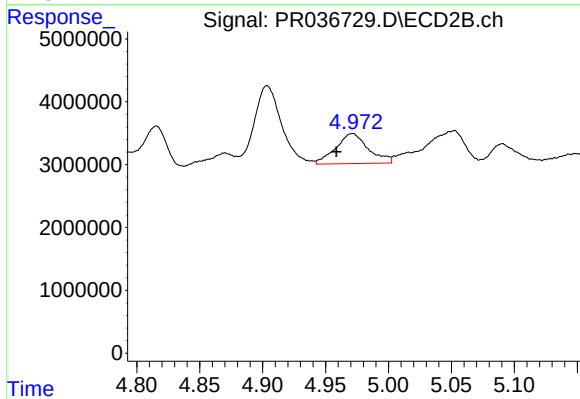
#14 AR-1232-4

R.T.: 4.816 min
Delta R.T.: 0.024 min
Response: 9830033
Conc: 203.17 ng/ml



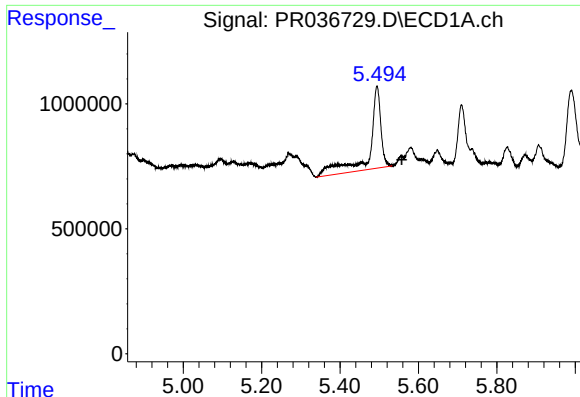
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.827 min
Response: 0
Conc: N.D.



#15 AR-1232-5

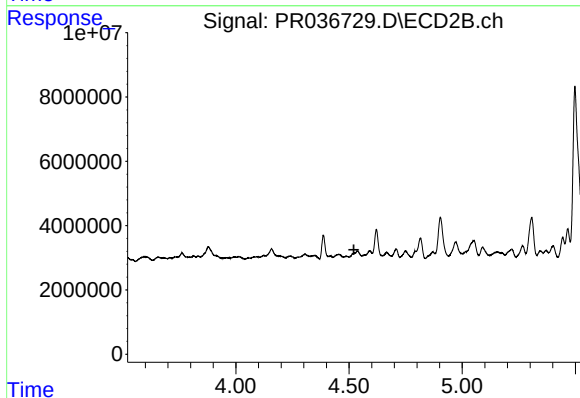
R.T.: 4.971 min
Delta R.T.: 0.013 min
Response: 8639312
Conc: 157.97 ng/ml



#16 AR-1242-1

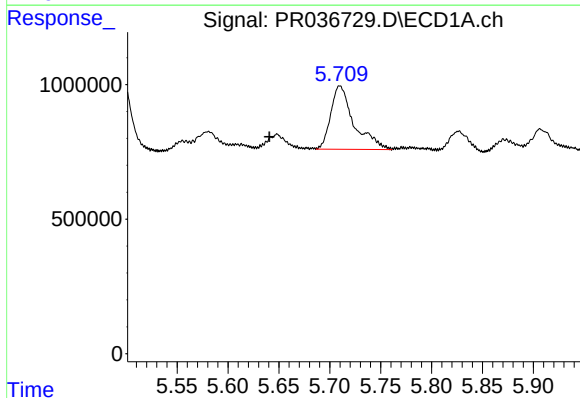
R.T.: 5.494 min
Delta R.T.: -0.063 min
Response: 6683940
Conc: 144.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



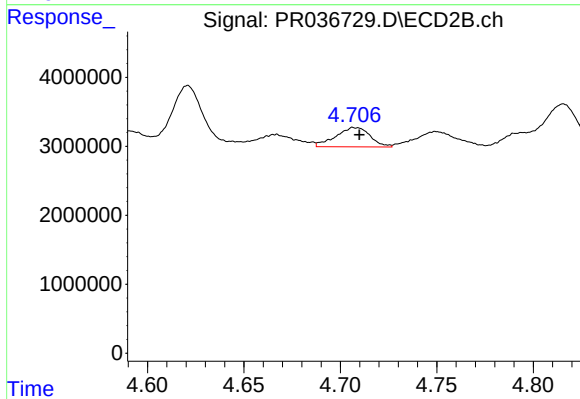
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.521 min
Response: 0
Conc: N.D.



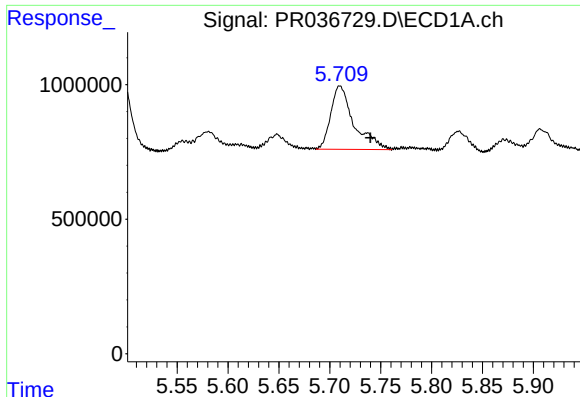
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: 0.069 min
Response: 3750060
Conc: 85.40 ng/ml



#18 AR-1242-3

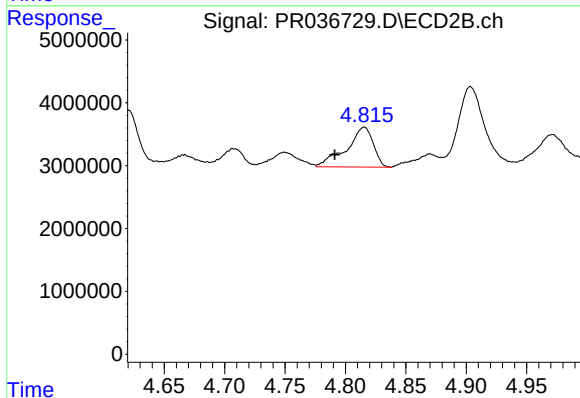
R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 3493501
Conc: 30.79 ng/ml



#19 AR-1242-4

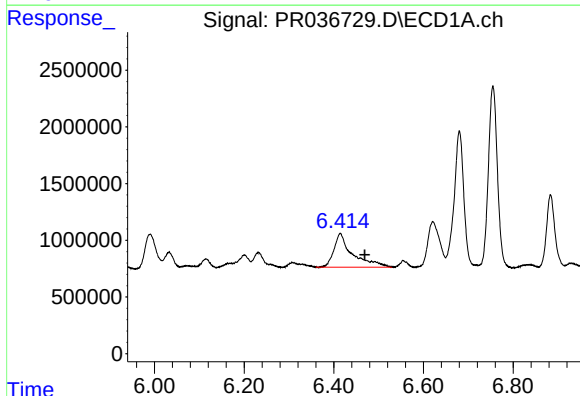
R.T.: 5.710 min
Delta R.T.: -0.030 min
Response: 3750060
Conc: 104.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



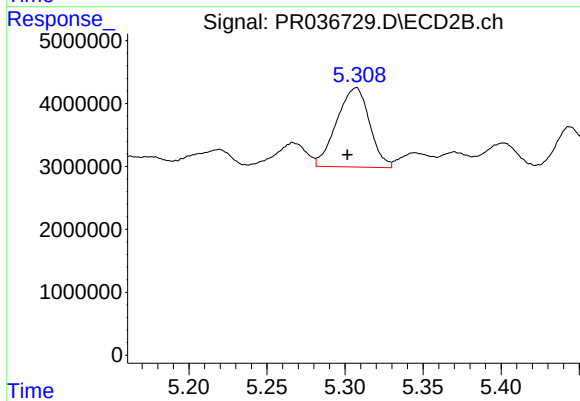
#19 AR-1242-4

R.T.: 4.816 min
Delta R.T.: 0.024 min
Response: 9830033
Conc: 90.29 ng/ml



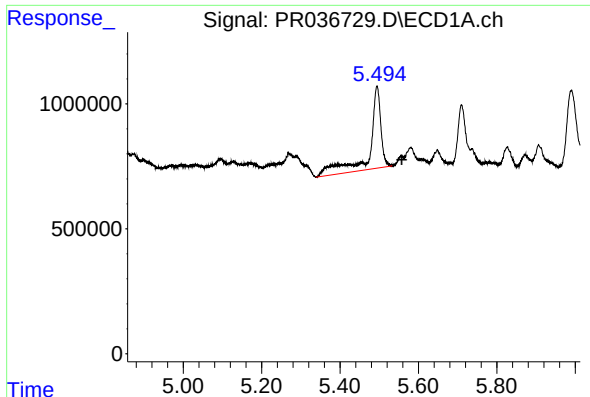
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: -0.054 min
Response: 8504210
Conc: 203.50 ng/ml



#20 AR-1242-5

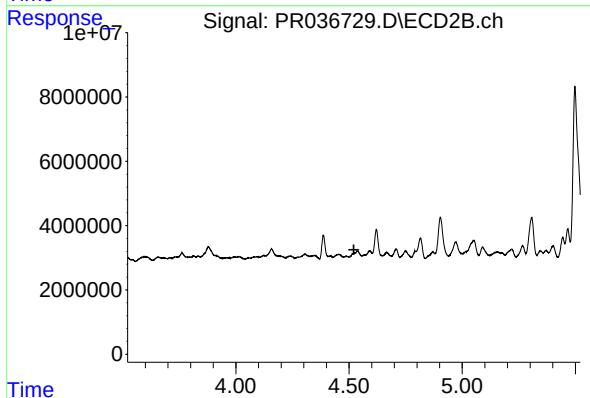
R.T.: 5.307 min
Delta R.T.: 0.005 min
Response: 18469323
Conc: 117.64 ng/ml



#21 AR-1248-1

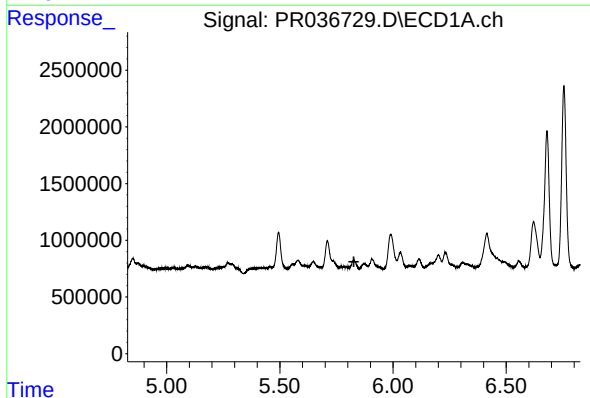
R.T.: 5.494 min
Delta R.T.: -0.063 min
Response: 6683940
Conc: 105.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



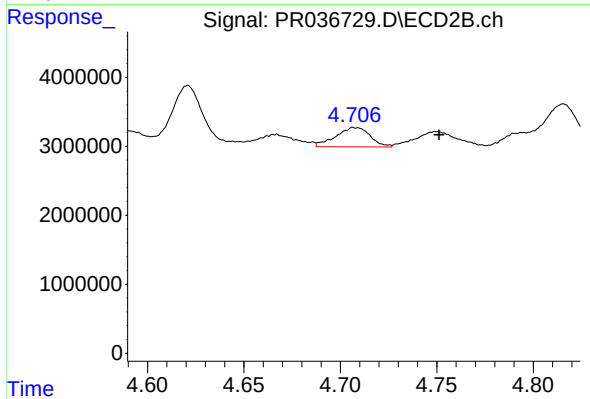
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.522 min
Response: 0
Conc: N.D.



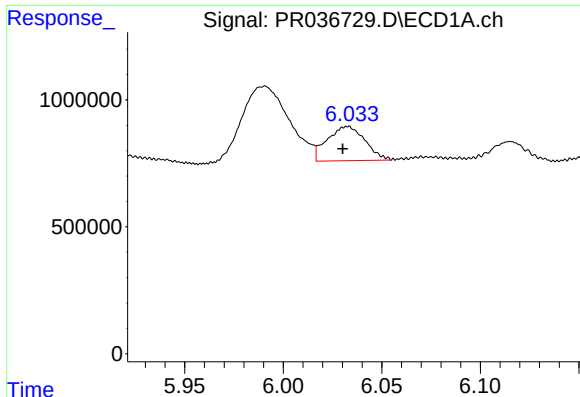
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.827 min
Response: 0
Conc: N.D.



#22 AR-1248-2

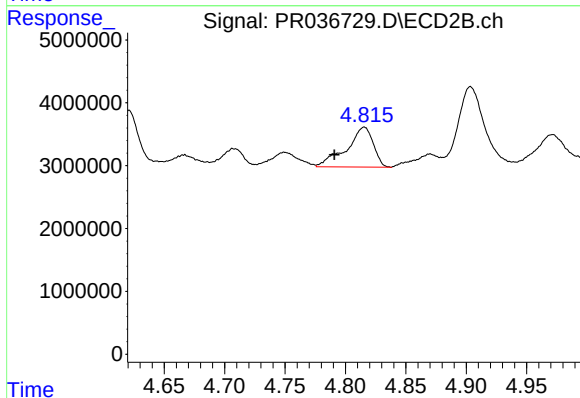
R.T.: 4.708 min
Delta R.T.: -0.043 min
Response: 3493501
Conc: 13.06 ng/ml



#23 AR-1248-3

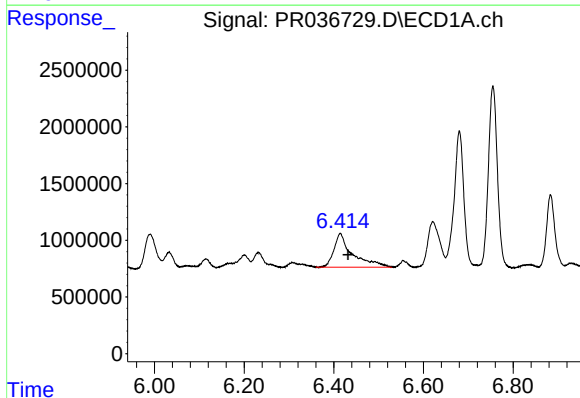
R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 1790199
Conc: 17.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



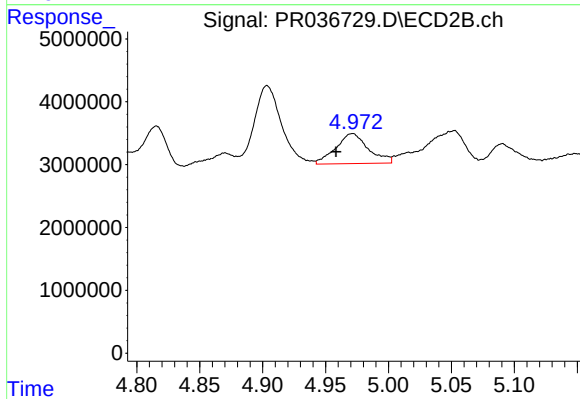
#23 AR-1248-3

R.T.: 4.816 min
Delta R.T.: 0.025 min
Response: 9830033
Conc: 35.54 ng/ml



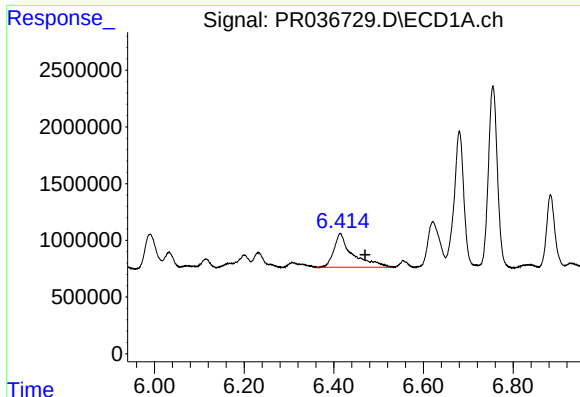
#24 AR-1248-4

R.T.: 6.415 min
Delta R.T.: -0.017 min
Response: 8504210
Conc: 69.80 ng/ml



#24 AR-1248-4

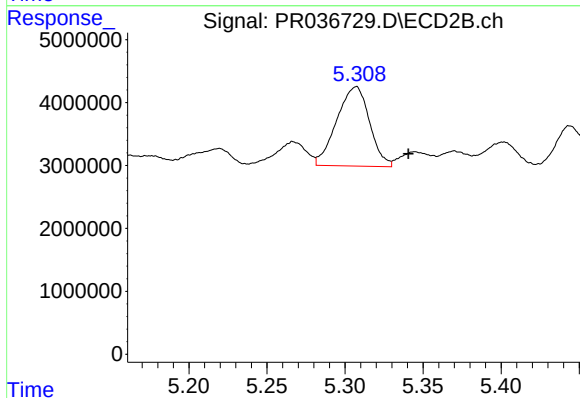
R.T.: 4.971 min
Delta R.T.: 0.013 min
Response: 8639312
Conc: 24.97 ng/ml



#25 AR-1248-5

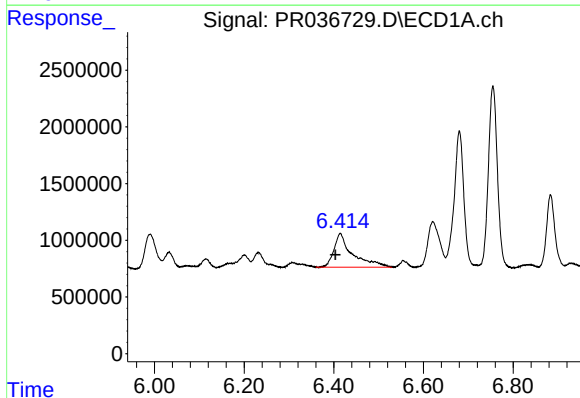
R.T.: 6.415 min
Delta R.T.: -0.055 min
Response: 8504210
Conc: 72.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



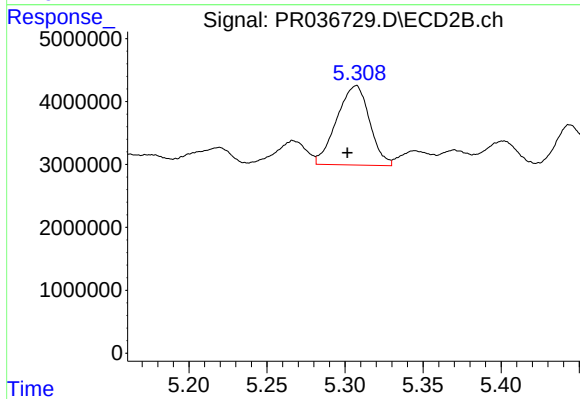
#25 AR-1248-5

R.T.: 5.307 min
Delta R.T.: -0.033 min
Response: 18469323
Conc: 49.98 ng/ml



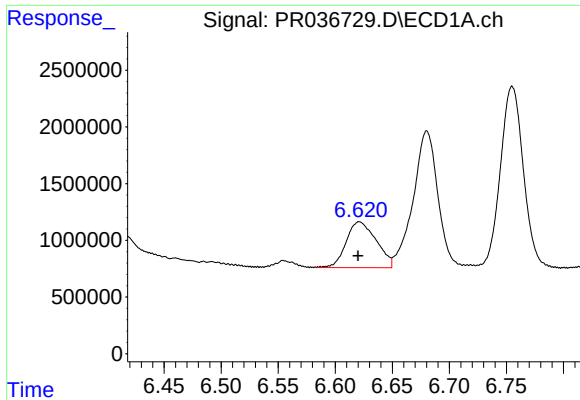
#26 AR-1254-1

R.T.: 6.415 min
Delta R.T.: 0.011 min
Response: 8504210
Conc: 119.05 ng/ml



#26 AR-1254-1

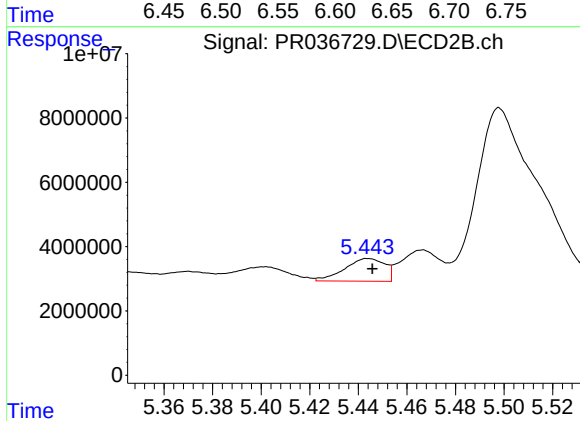
R.T.: 5.307 min
Delta R.T.: 0.006 min
Response: 18469323
Conc: 54.49 ng/ml



#27 AR-1254-2

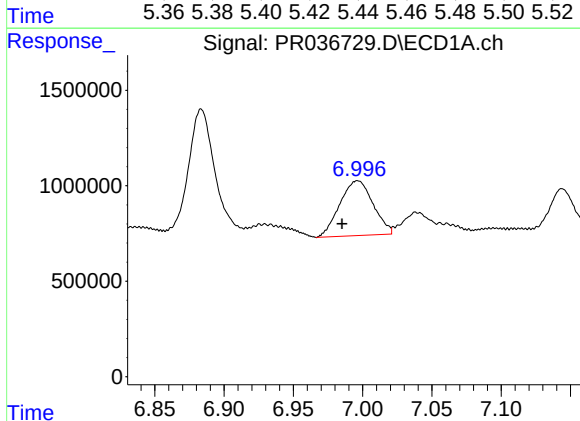
R.T.: 6.621 min
Delta R.T.: 0.001 min
Response: 7406786
Conc: 65.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



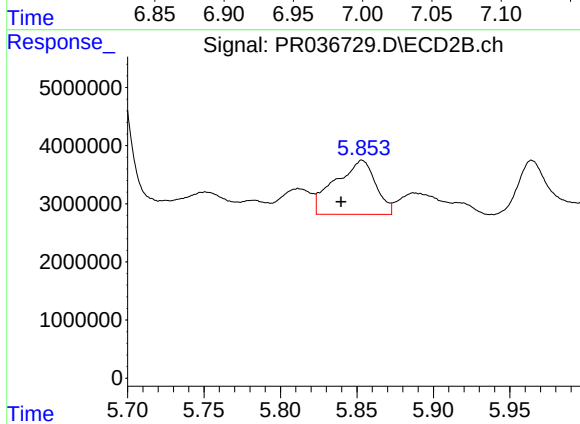
#27 AR-1254-2

R.T.: 5.444 min
Delta R.T.: -0.002 min
Response: 8105306
Conc: 26.82 ng/ml



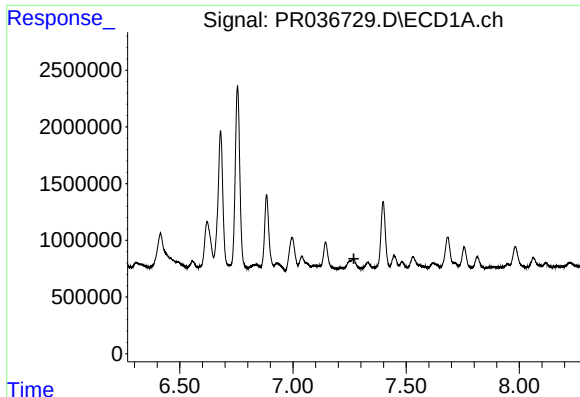
#28 AR-1254-3

R.T.: 6.996 min
Delta R.T.: 0.011 min
Response: 4796922
Conc: 38.90 ng/ml



#28 AR-1254-3

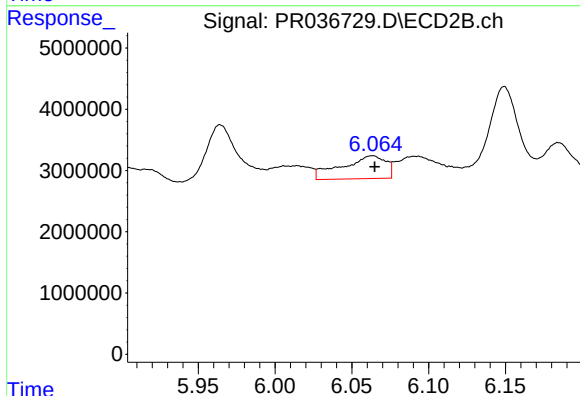
R.T.: 5.853 min
Delta R.T.: 0.014 min
Response: 17226618
Conc: 35.27 ng/ml



#29 AR-1254-4

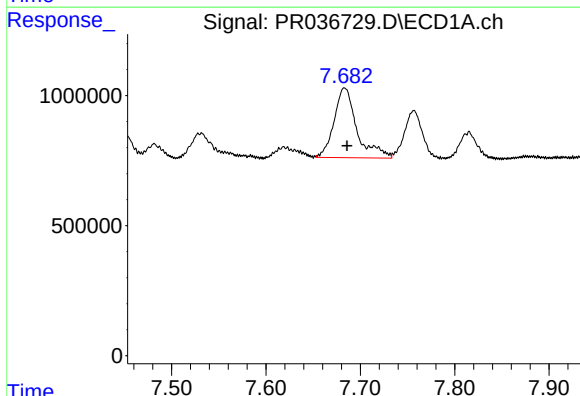
R.T.: 0.000 min
Exp R.T.: 7.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



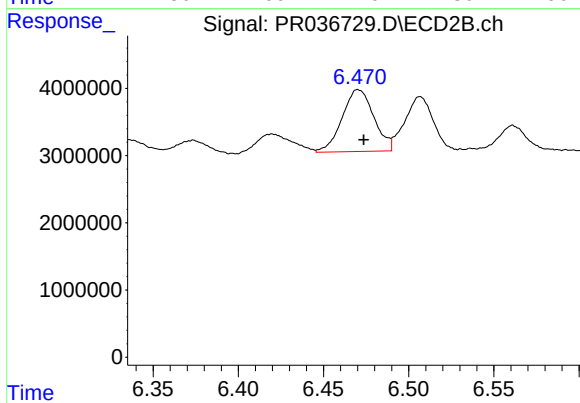
#29 AR-1254-4

R.T.: 6.063 min
Delta R.T.: -0.001 min
Response: 7430135
Conc: 20.27 ng/ml



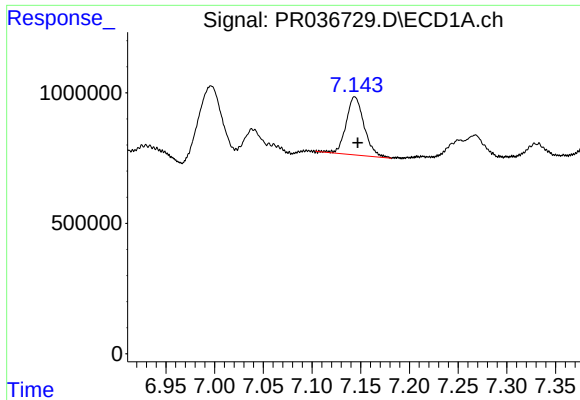
#30 AR-1254-5

R.T.: 7.683 min
Delta R.T.: -0.003 min
Response: 4495418
Conc: 47.13 ng/ml



#30 AR-1254-5

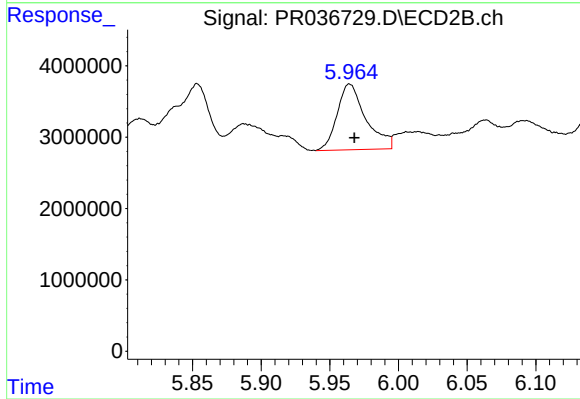
R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 11960455
Conc: 25.72 ng/ml



#31 AR-1260-1

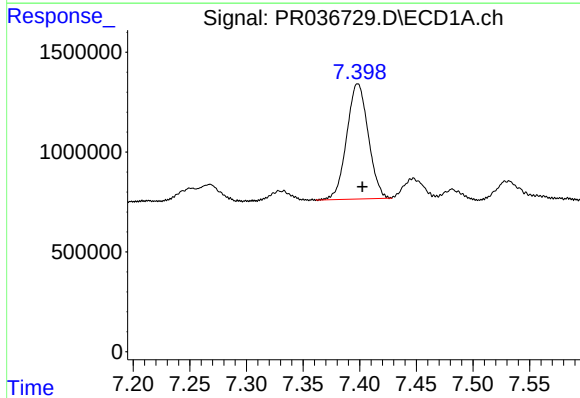
R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 2861462
Conc: 32.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



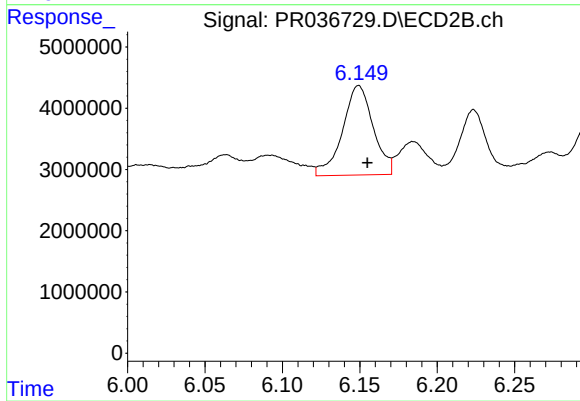
#31 AR-1260-1

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 13400474
Conc: 41.30 ng/ml



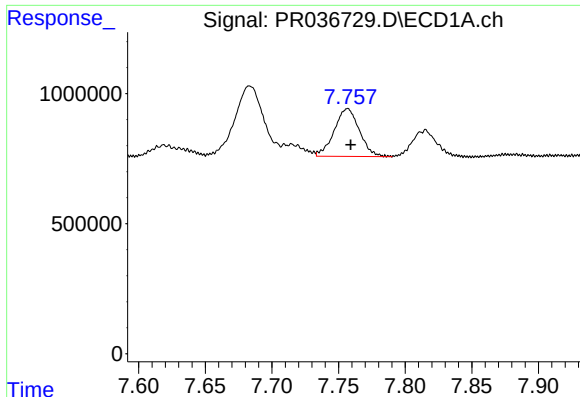
#32 AR-1260-2

R.T.: 7.398 min
Delta R.T.: -0.004 min
Response: 7625076
Conc: 71.78 ng/ml



#32 AR-1260-2

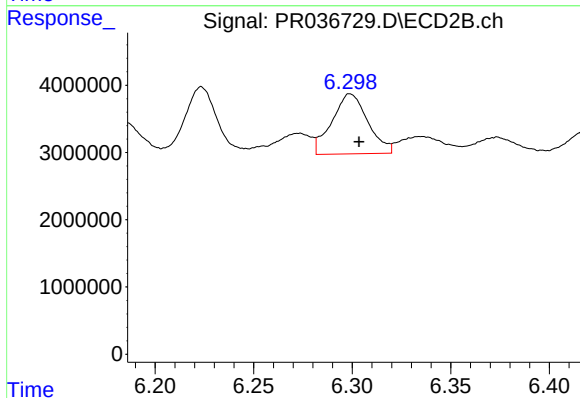
R.T.: 6.149 min
Delta R.T.: -0.006 min
Response: 20150918
Conc: 42.09 ng/ml



#33 AR-1260-3

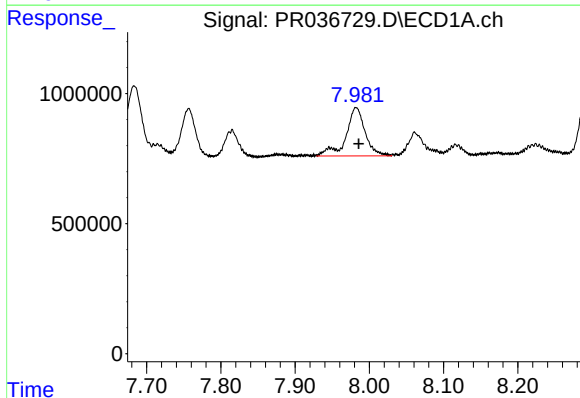
R.T.: 7.757 min
Delta R.T.: -0.002 min
Response: 2410683
Conc: 29.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



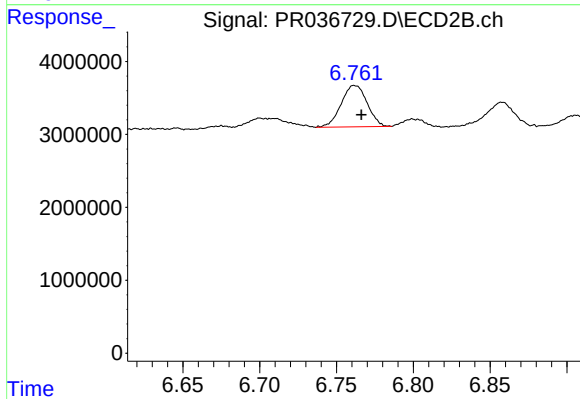
#33 AR-1260-3

R.T.: 6.299 min
Delta R.T.: -0.004 min
Response: 11316083
Conc: 29.47 ng/ml



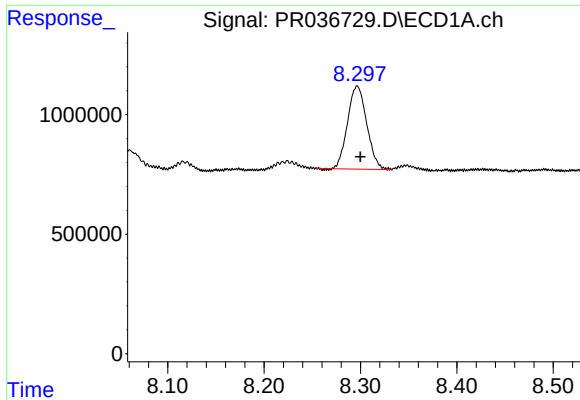
#34 AR-1260-4

R.T.: 7.982 min
Delta R.T.: -0.003 min
Response: 3334214
Conc: 35.33 ng/ml



#34 AR-1260-4

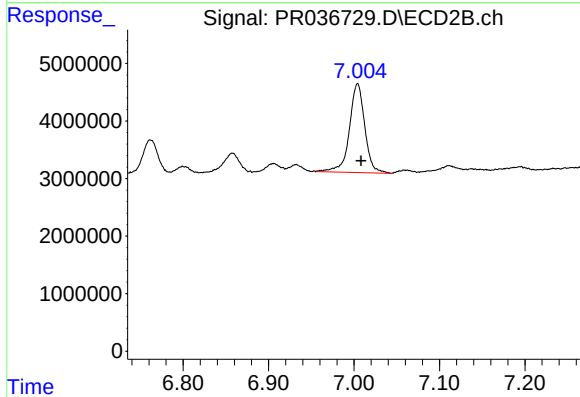
R.T.: 6.762 min
Delta R.T.: -0.005 min
Response: 6694184
Conc: 20.14 ng/ml



#35 AR-1260-5

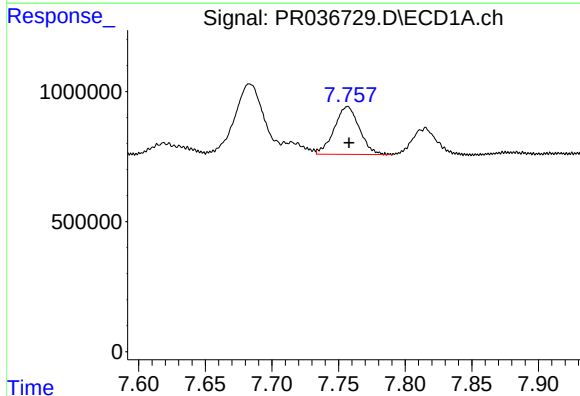
R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 4794496
Conc: 26.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



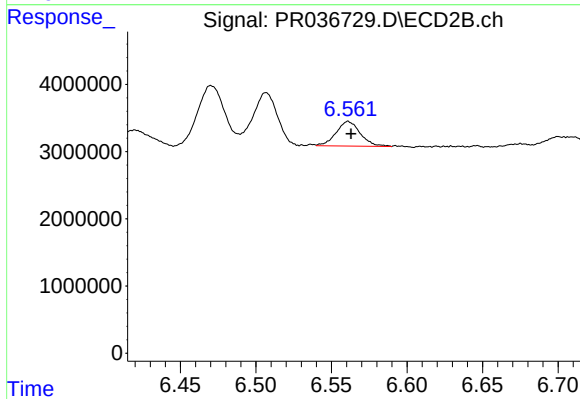
#35 AR-1260-5

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 19336496
Conc: 20.46 ng/ml



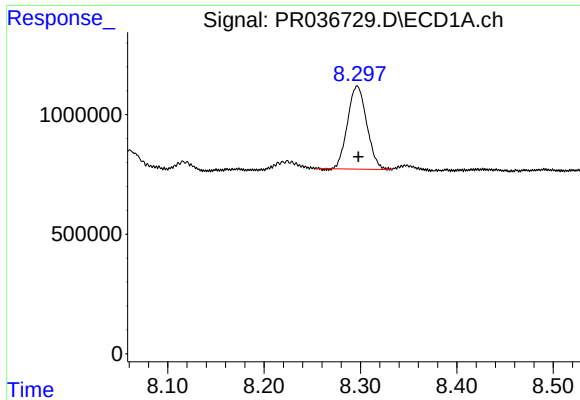
#36 AR-1262-1

R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 2410683
Conc: 20.87 ng/ml



#36 AR-1262-1

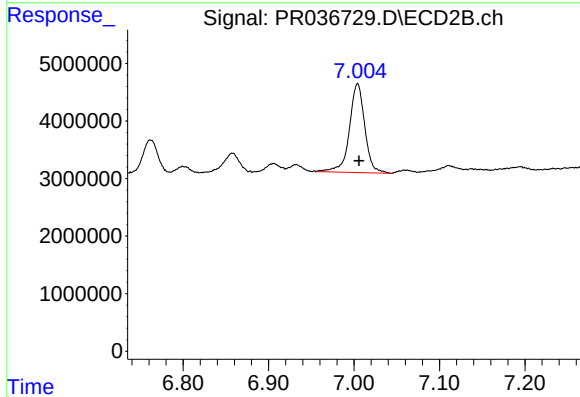
R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 4086984
Conc: 18.63 ng/ml



#37 AR-1262-2

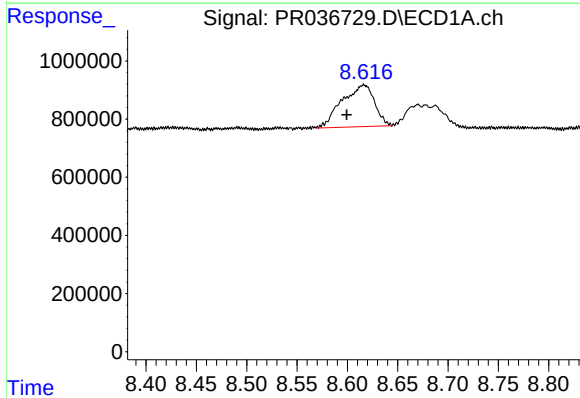
R.T.: 8.297 min
Delta R.T.: -0.001 min
Response: 4794496
Conc: 22.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



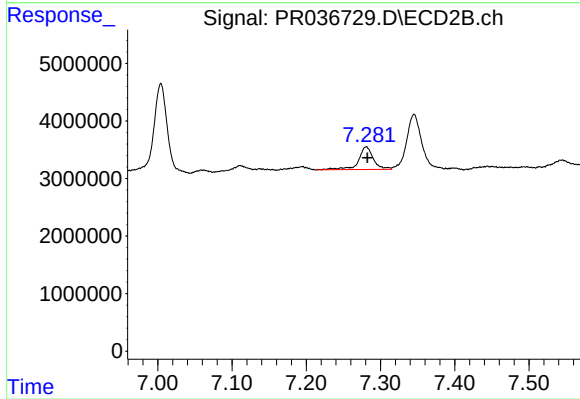
#37 AR-1262-2

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 19336496
Conc: 17.16 ng/ml



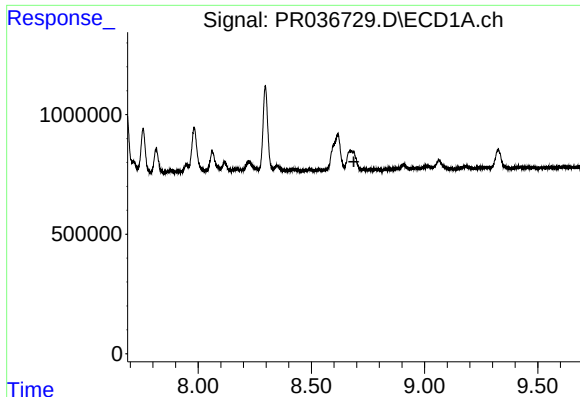
#38 AR-1262-3

R.T.: 8.616 min
Delta R.T.: 0.017 min
Response: 3225615
Conc: 22.02 ng/ml



#38 AR-1262-3

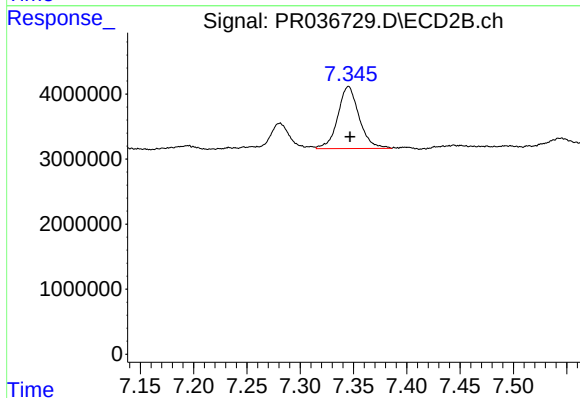
R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 5482349
Conc: 12.57 ng/ml



#39 AR-1262-4

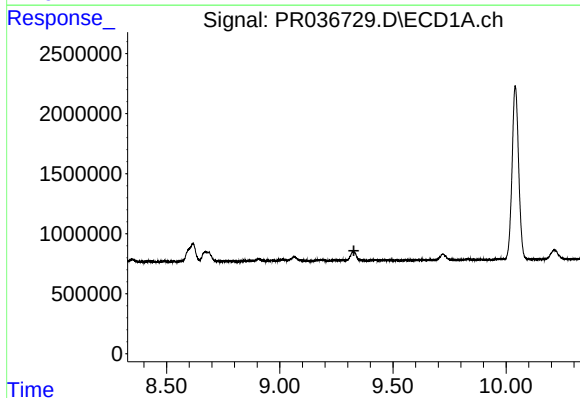
R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



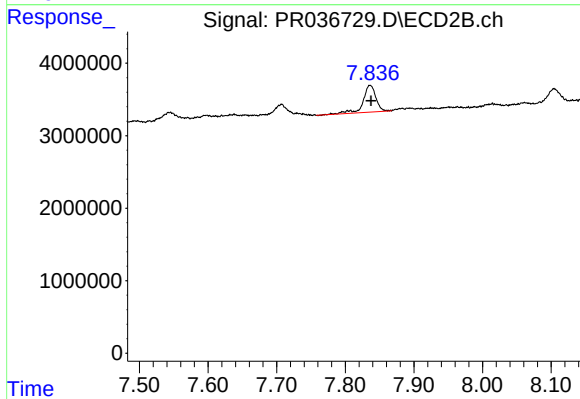
#39 AR-1262-4

R.T.: 7.345 min
Delta R.T.: -0.002 min
Response: 13270383
Conc: 17.60 ng/ml



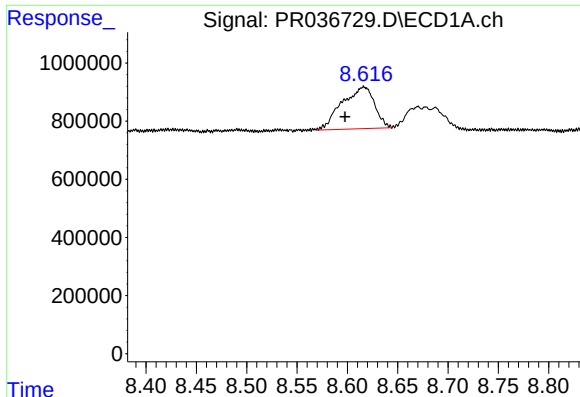
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.328 min
Response: 0
Conc: N.D.



#40 AR-1262-5

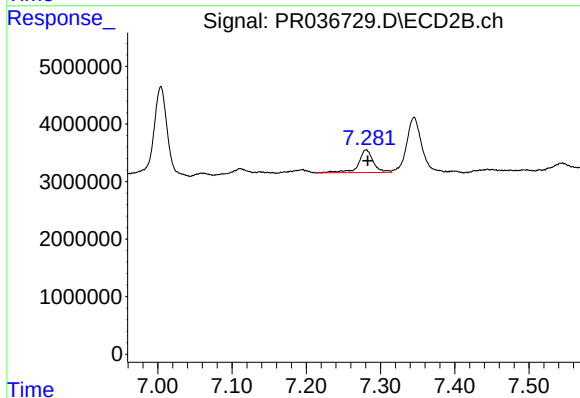
R.T.: 7.836 min
Delta R.T.: -0.001 min
Response: 4805244
Conc: 14.90 ng/ml



#41 AR-1268-1

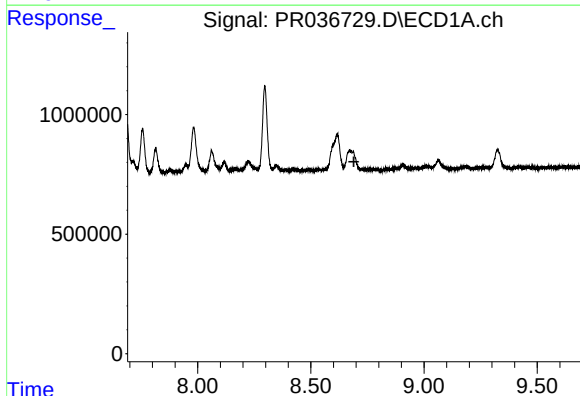
R.T.: 8.616 min
Delta R.T.: 0.019 min
Response: 3225615
Conc: 12.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



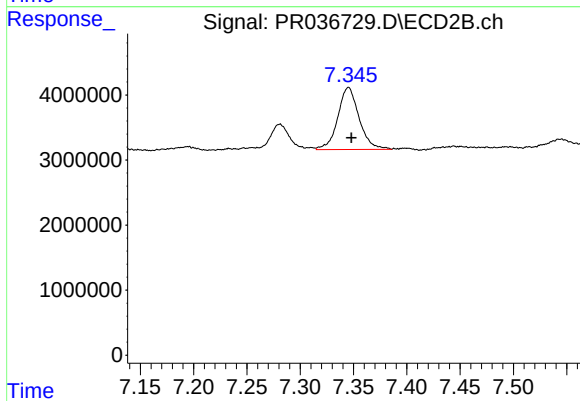
#41 AR-1268-1

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 5482349
Conc: 4.11 ng/ml



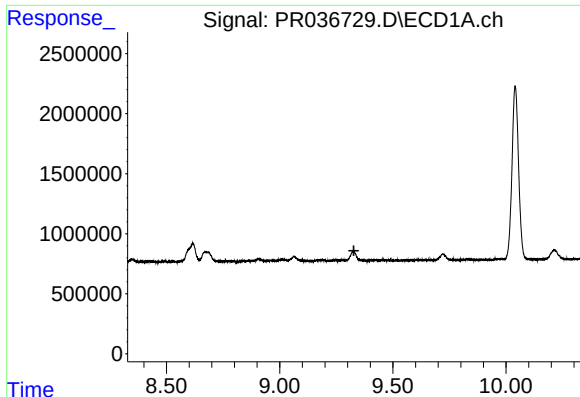
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.690 min
Response: 0
Conc: N.D.



#42 AR-1268-2

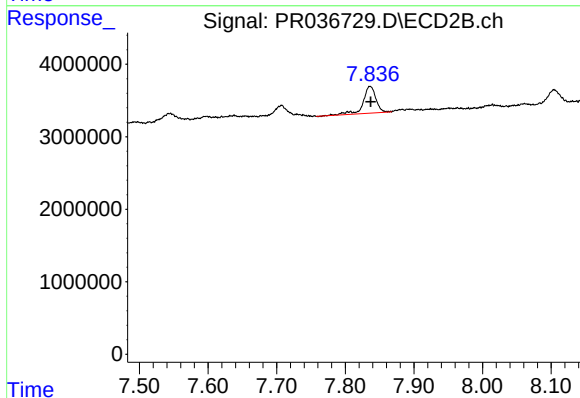
R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 13270383
Conc: 11.67 ng/ml



#44 AR-1268-4

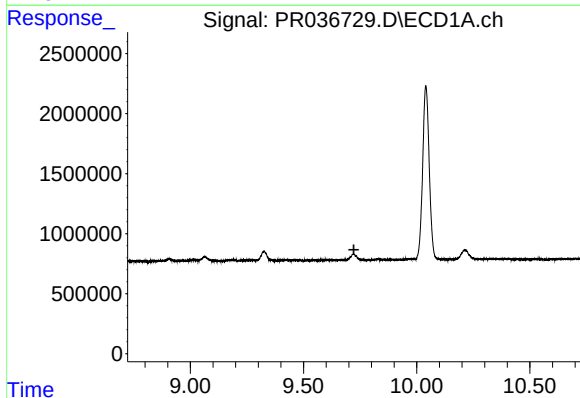
R.T.: 0.000 min
Exp R.T.: 9.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
SOIL-COMP



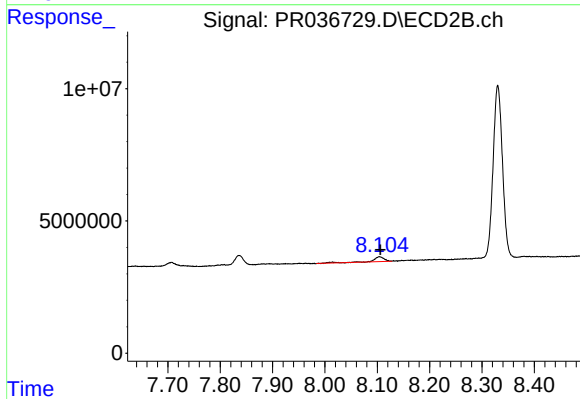
#44 AR-1268-4

R.T.: 7.836 min
Delta R.T.: -0.001 min
Response: 4805244
Conc: 13.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.723 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.104 min
Delta R.T.: -0.001 min
Response: 2474587
Conc: 0.96 ng/ml