

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110320\
 Data File : PR048452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2020 14:42
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

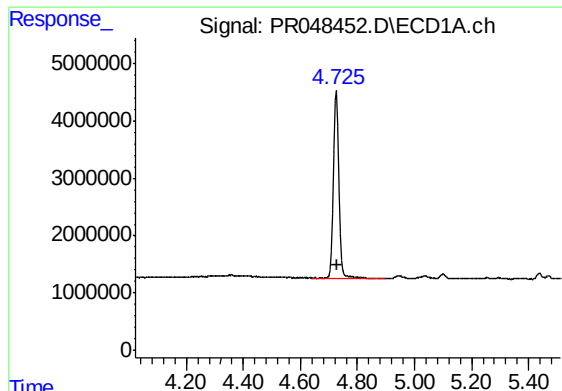
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 05:24:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110320.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 04:25:33 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.725	3.878	44137540	50862385	18.031	17.517
2)	SA Decachlor...	10.657	8.984	51317119	268.2E6	19.477	18.364
Target Compounds							
3)	L1 AR-1016-1	5.903	4.987f	2087032	4335546	22.337	53.270 #
4)	L1 AR-1016-2	5.927	4.987	2417859	4335546	18.525	25.984 #
5)	L1 AR-1016-3	5.990	5.166	1577334	1704120	19.823	17.133
6)	L1 AR-1016-4	6.090	0.000	1399414	0	21.486	N.D. #
7)	L1 AR-1016-5	6.384	5.422	1530322	1177274	23.975	14.314 #
8)	L2 AR-1221-1	4.946	0.000	1011264	0	37.678	N.D. #
9)	L2 AR-1221-2	5.037	4.174	992027	2605861	49.971	118.883 #
10)	L2 AR-1221-3	5.100	0.000	1176582	0	19.257	N.D. #
11)	L3 AR-1232-1	5.100	0.000	1176582	0	21.993	N.D. #
12)	L3 AR-1232-2	5.634	4.987	1163485	4335546	41.920	61.436 #
13)	L3 AR-1232-3	5.927	5.166	2417859	1704120	44.192	39.240
14)	L3 AR-1232-4	6.090	5.252	1399414	967853	52.548	39.633
15)	L3 AR-1232-5	6.176	5.422	1209694	1177274	58.603	41.379 #
16)	L4 AR-1242-1	5.903	4.987f	2087032	4335546	32.617	79.136 #
17)	L4 AR-1242-2	5.927	4.987	2417859	4335546	26.559	37.241 #
18)	L4 AR-1242-3	5.990	5.166	1577334	1704120	28.339	24.222
19)	L4 AR-1242-4	6.090	5.252	1399414	967853	30.669	21.042 #
20)	L4 AR-1242-5	6.829	5.775	1606958	1805202	32.158	24.057 #
21)	L5 AR-1248-1	5.903	4.987f	2087032	4335546	43.353	98.783 #
22)	L5 AR-1248-2	6.176	0.000	1209694	0	17.932	N.D. #
23)	L5 AR-1248-3	6.384	5.252	1530322	967853	20.410	14.476 #
24)	L5 AR-1248-4	6.788	5.422	1436808	1177274	16.503	13.047
25)	L5 AR-1248-5	6.829	5.818	1606958	1860343	19.160	13.476 #
26)	L6 AR-1254-1	6.762	5.775	1171804	1805202	13.350	11.699
27)	L6 AR-1254-2	6.988	5.924	1682818	2043102	12.721	12.090
28)	L6 AR-1254-3	7.352	6.334	1270967	10823891	9.087	32.341 #
29)	L6 AR-1254-4	7.638	0.000	506856	0	4.679	N.D. #
31)	L7 AR-1260-1	7.534f	6.480f	285522	635895	2.512	3.346 #
32)	L7 AR-1260-2	7.768	0.000	470052	0	3.348	N.D. #
33)	L7 AR-1260-3	0.000	6.815	0	4372741	N.D.	10.236 #
35)	L7 AR-1260-5	0.000	7.532	0	12969614	N.D.	6.372 #
37)	L8 AR-1262-2	0.000	7.532	0	12969614	N.D.	6.322 #
39)	L8 AR-1262-4	0.000	7.887	0	18890519	N.D.	13.817 #
42)	L9 AR-1268-2	0.000	7.887	0	18890519	N.D.	8.272 #
43)	L9 AR-1268-3	0.000	8.097	0	8858559	N.D.	4.518 #
45)	L9 AR-1268-5	0.000	8.713	0	14747269	N.D.	2.613 #

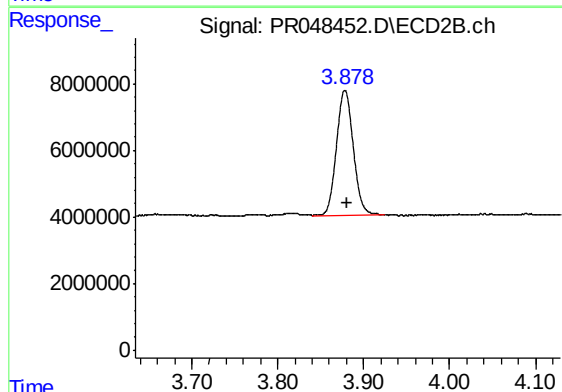
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

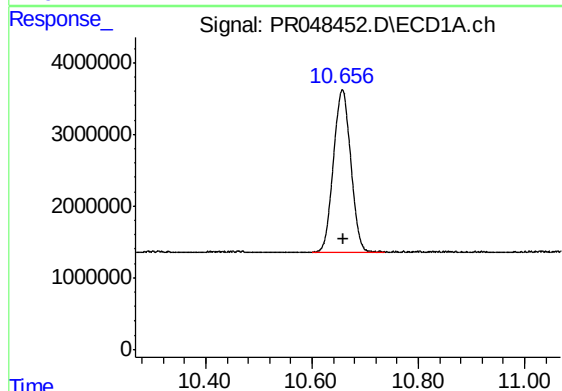
R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 44137540
Conc: 18.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



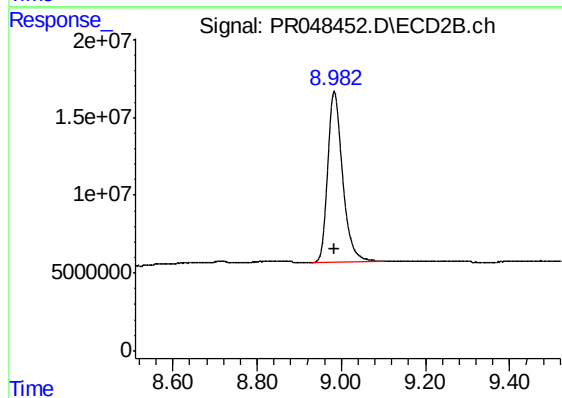
#1 Tetrachloro-m-xylene

R.T.: 3.878 min
Delta R.T.: -0.003 min
Response: 50862385
Conc: 17.52 ng/ml



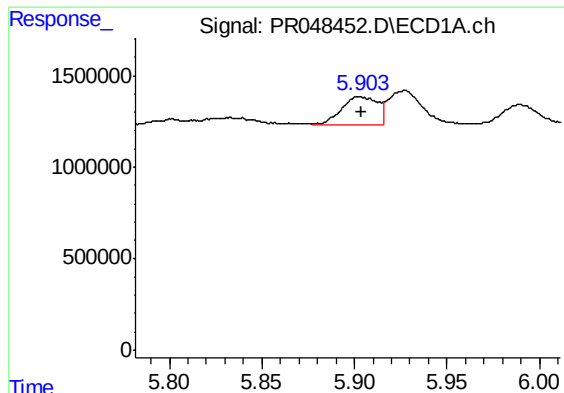
#2 Decachlorobiphenyl

R.T.: 10.657 min
Delta R.T.: -0.002 min
Response: 51317119
Conc: 19.48 ng/ml



#2 Decachlorobiphenyl

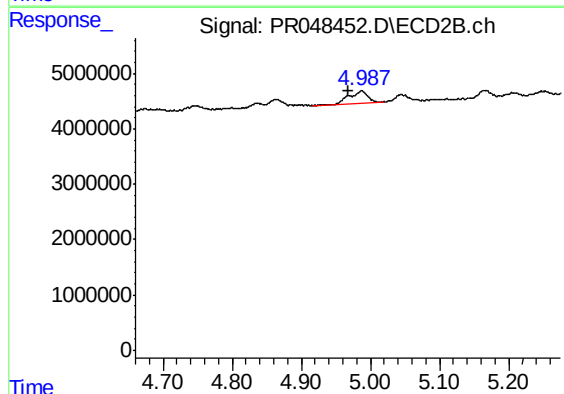
R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 268215830
Conc: 18.36 ng/ml



#3 AR-1016-1

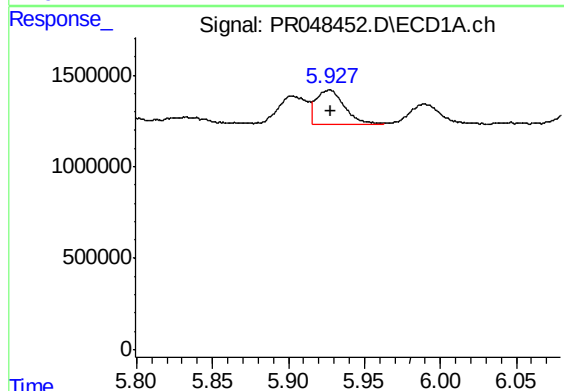
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 2087032
Conc: 22.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



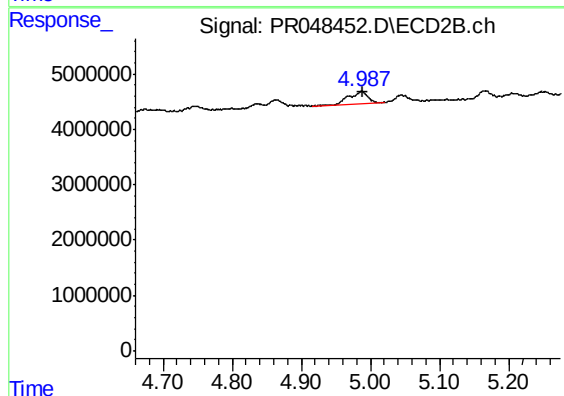
#3 AR-1016-1

R.T.: 4.987 min
Delta R.T.: 0.018 min
Response: 4335546
Conc: 53.27 ng/ml



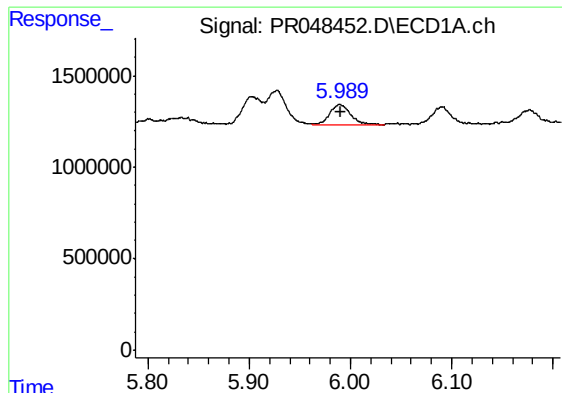
#4 AR-1016-2

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 2417859
Conc: 18.52 ng/ml



#4 AR-1016-2

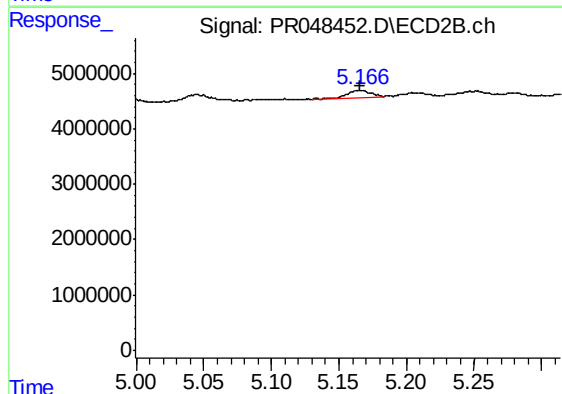
R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 4335546
Conc: 25.98 ng/ml



#5 AR-1016-3

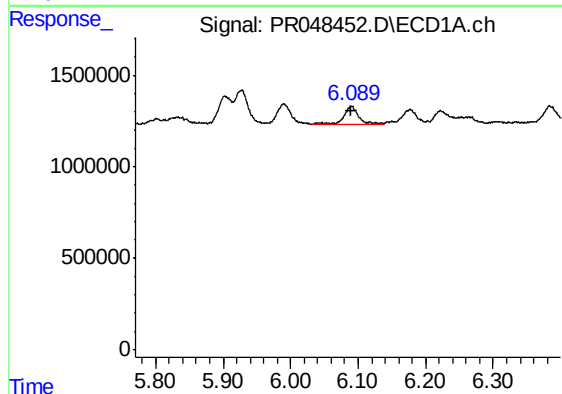
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1577334
Conc: 19.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



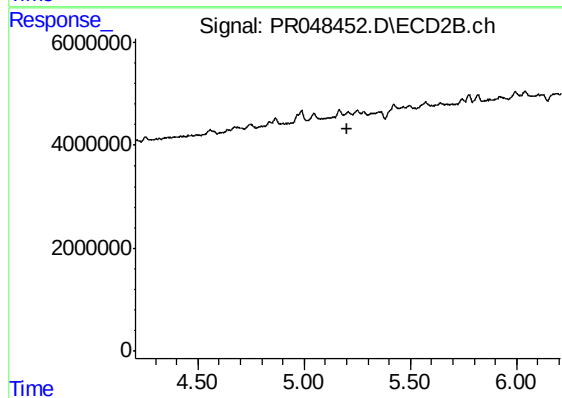
#5 AR-1016-3

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 1704120
Conc: 17.13 ng/ml



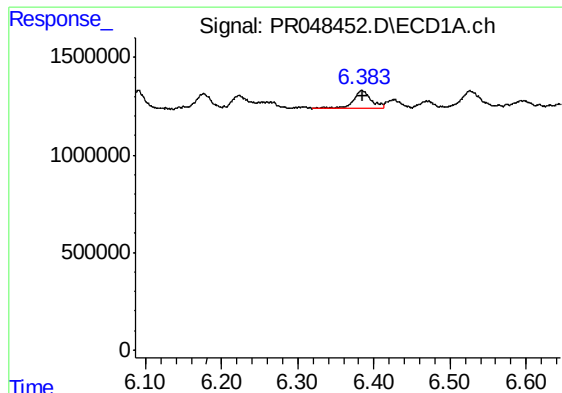
#6 AR-1016-4

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 1399414
Conc: 21.49 ng/ml



#6 AR-1016-4

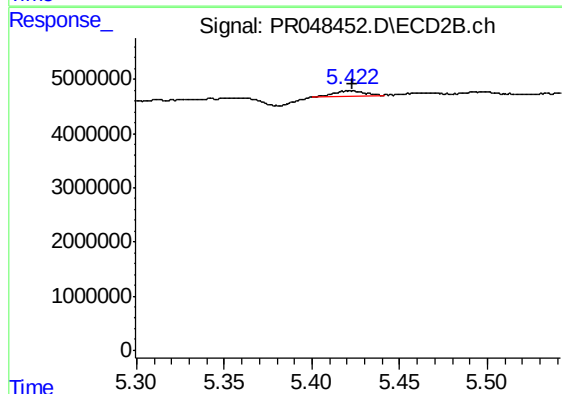
R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#7 AR-1016-5

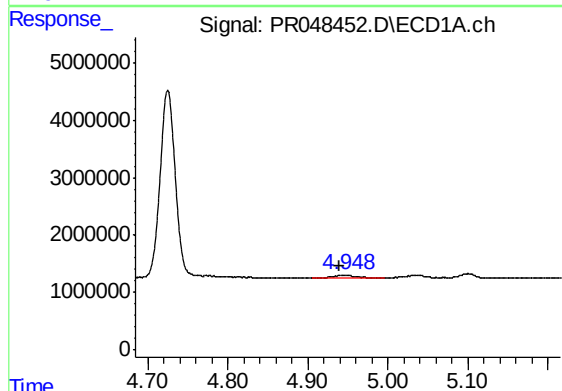
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1530322
Conc: 23.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



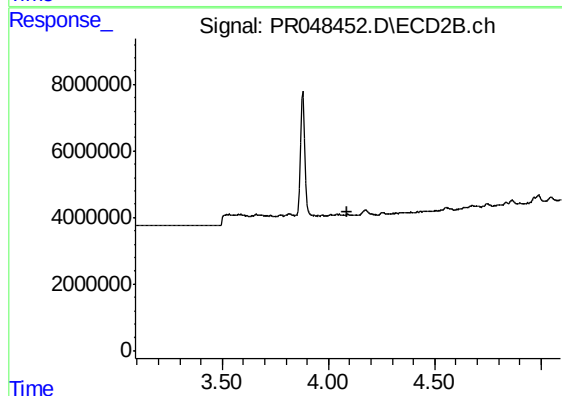
#7 AR-1016-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 1177274
Conc: 14.31 ng/ml



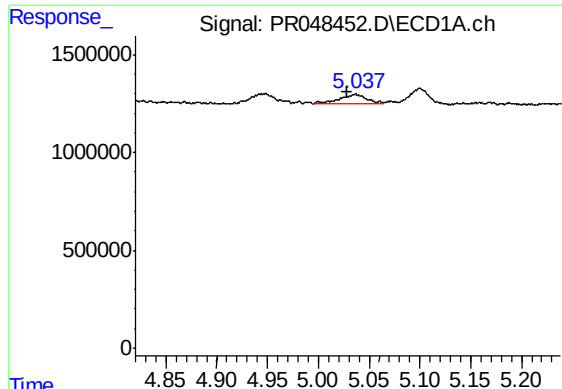
#8 AR-1221-1

R.T.: 4.946 min
Delta R.T.: 0.006 min
Response: 1011264
Conc: 37.68 ng/ml



#8 AR-1221-1

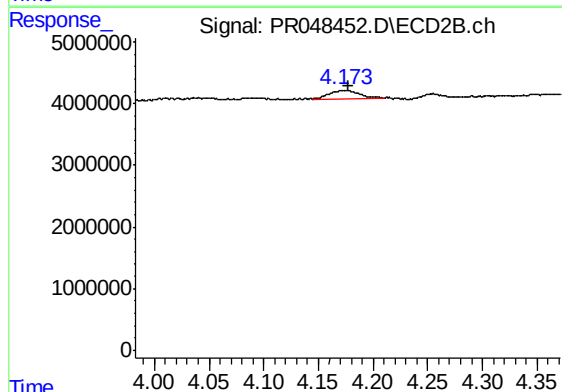
R.T.: 0.000 min
Exp R.T. : 4.091 min
Response: 0
Conc: N.D.



#9 AR-1221-2

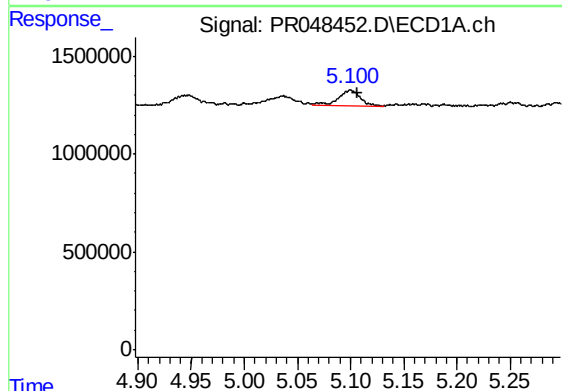
R.T.: 5.037 min
Delta R.T.: 0.008 min
Response: 992027
Conc: 49.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



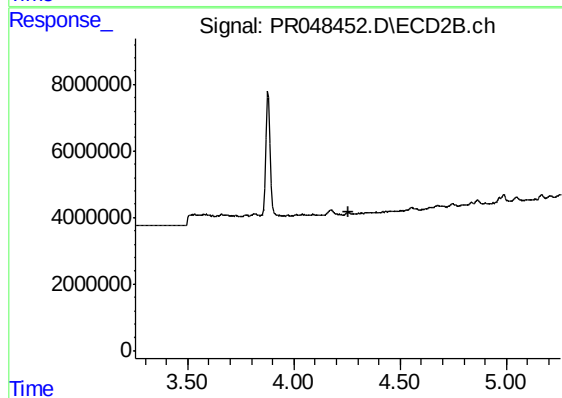
#9 AR-1221-2

R.T.: 4.174 min
Delta R.T.: -0.004 min
Response: 2605861
Conc: 118.88 ng/ml



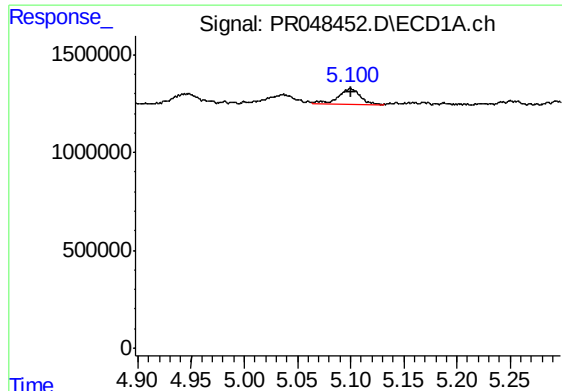
#10 AR-1221-3

R.T.: 5.100 min
Delta R.T.: -0.007 min
Response: 1176582
Conc: 19.26 ng/ml



#10 AR-1221-3

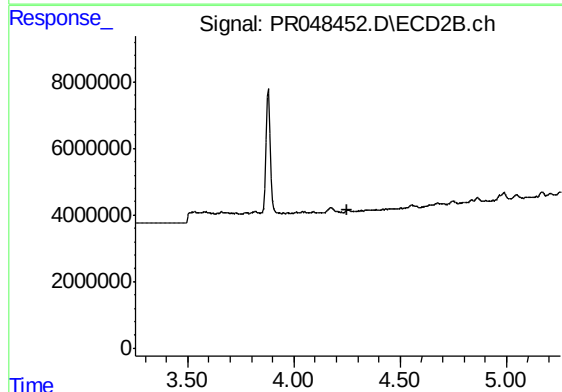
R.T.: 0.000 min
Exp R.T. : 4.255 min
Response: 0
Conc: N.D.



#11 AR-1232-1

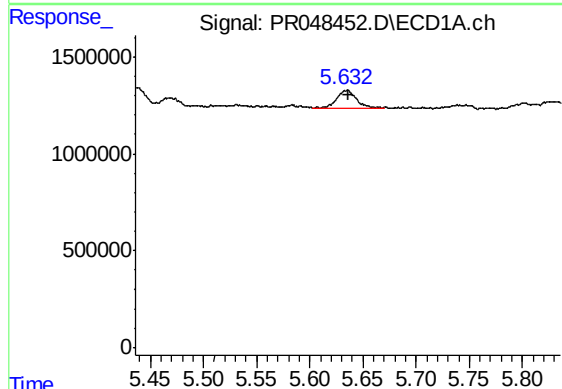
R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 1176582
Conc: 21.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



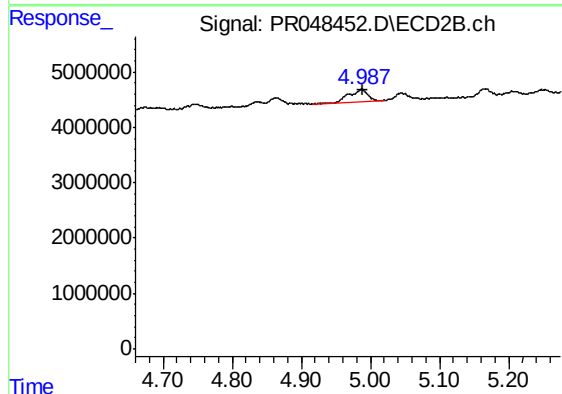
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.254 min
Response: 0
Conc: N.D.



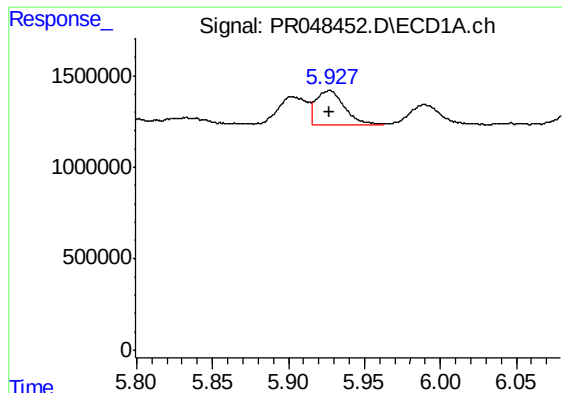
#12 AR-1232-2

R.T.: 5.634 min
Delta R.T.: -0.001 min
Response: 1163485
Conc: 41.92 ng/ml



#12 AR-1232-2

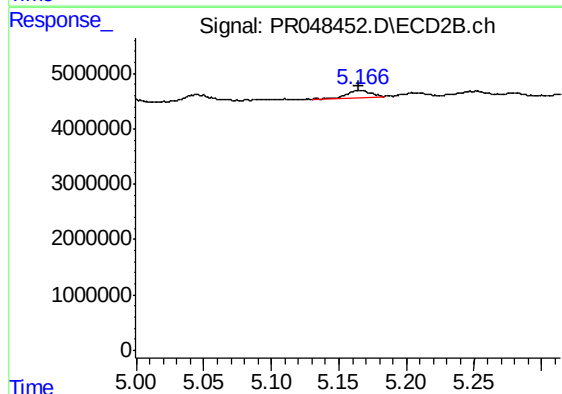
R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 4335546
Conc: 61.44 ng/ml



#13 AR-1232-3

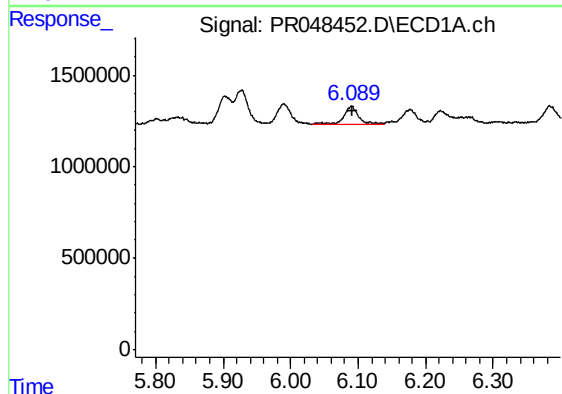
R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 2417859
Conc: 44.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



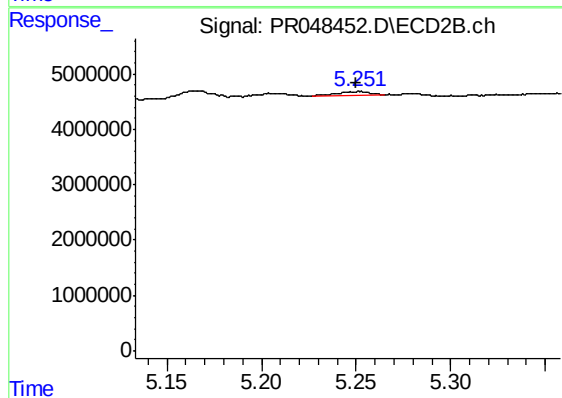
#13 AR-1232-3

R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 1704120
Conc: 39.24 ng/ml



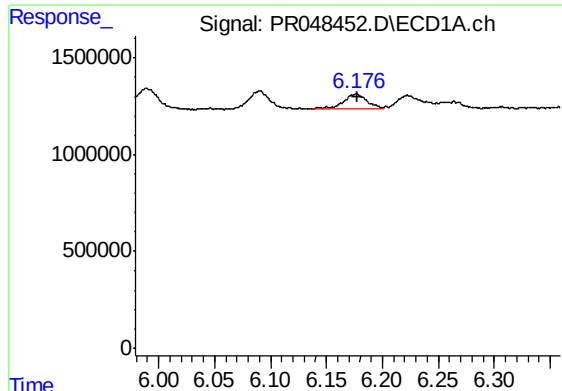
#14 AR-1232-4

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 1399414
Conc: 52.55 ng/ml



#14 AR-1232-4

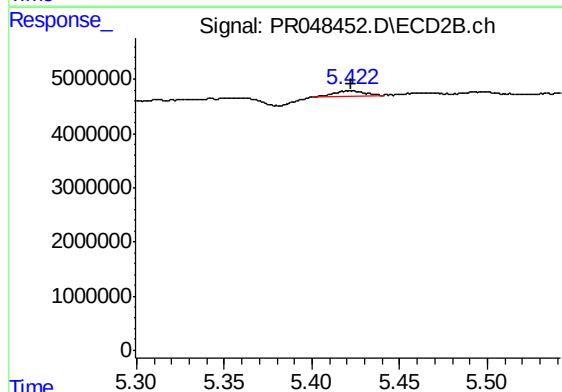
R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 967853
Conc: 39.63 ng/ml



#15 AR-1232-5

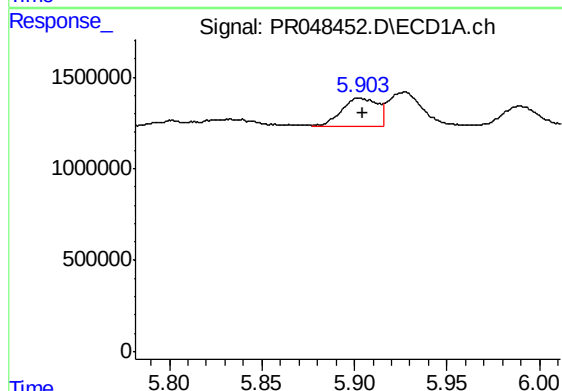
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 1209694
Conc: 58.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



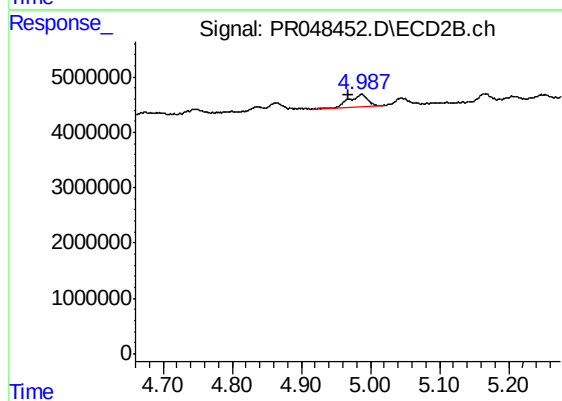
#15 AR-1232-5

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 1177274
Conc: 41.38 ng/ml



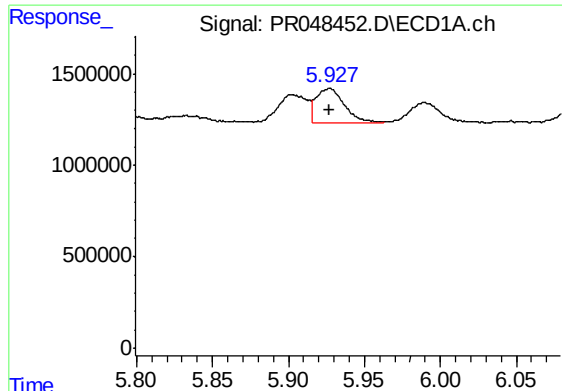
#16 AR-1242-1

R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 2087032
Conc: 32.62 ng/ml



#16 AR-1242-1

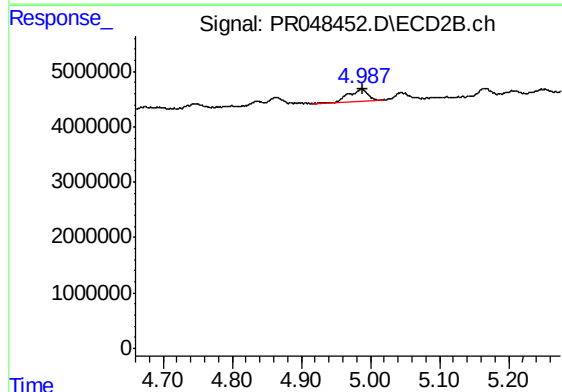
R.T.: 4.987 min
Delta R.T.: 0.018 min
Response: 4335546
Conc: 79.14 ng/ml



#17 AR-1242-2

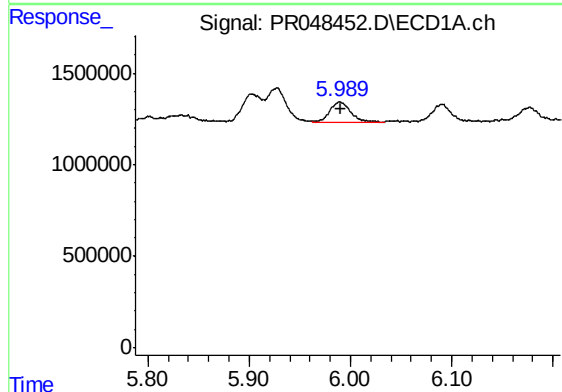
R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 2417859
Conc: 26.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



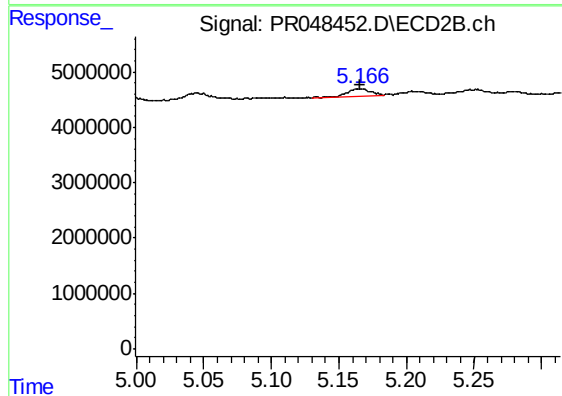
#17 AR-1242-2

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 4335546
Conc: 37.24 ng/ml



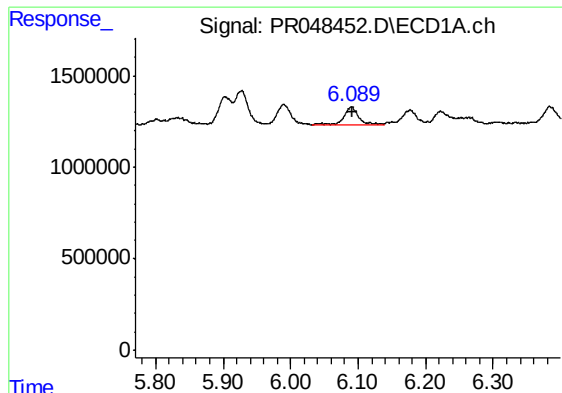
#18 AR-1242-3

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1577334
Conc: 28.34 ng/ml



#18 AR-1242-3

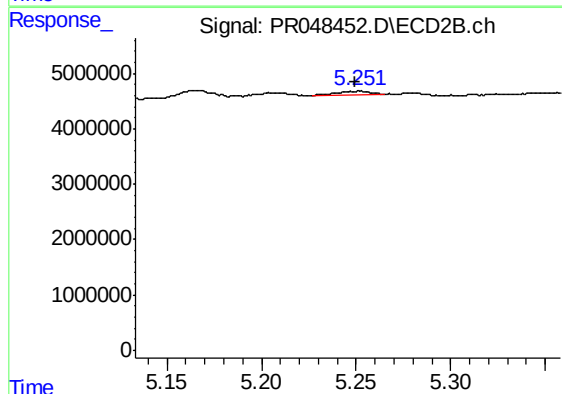
R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 1704120
Conc: 24.22 ng/ml



#19 AR-1242-4

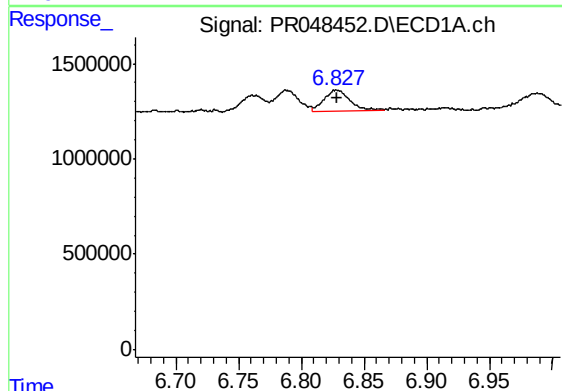
R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 1399414
Conc: 30.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



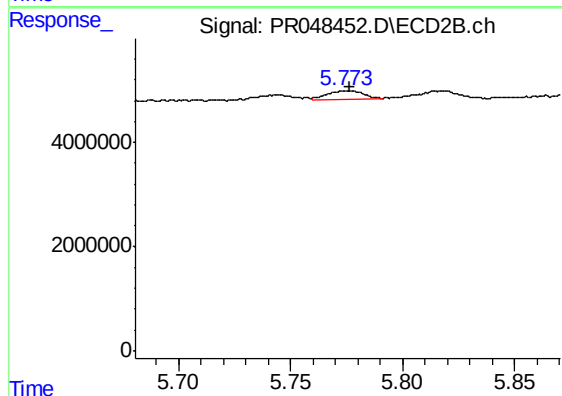
#19 AR-1242-4

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 967853
Conc: 21.04 ng/ml



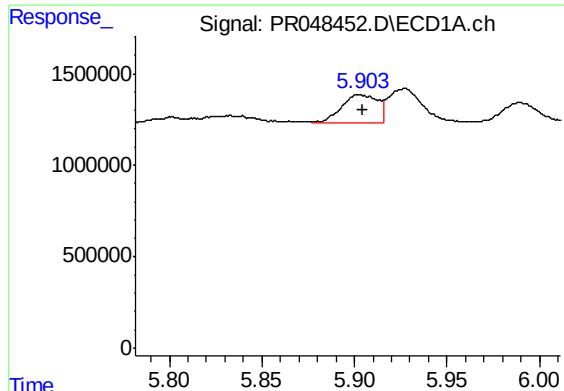
#20 AR-1242-5

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 1606958
Conc: 32.16 ng/ml



#20 AR-1242-5

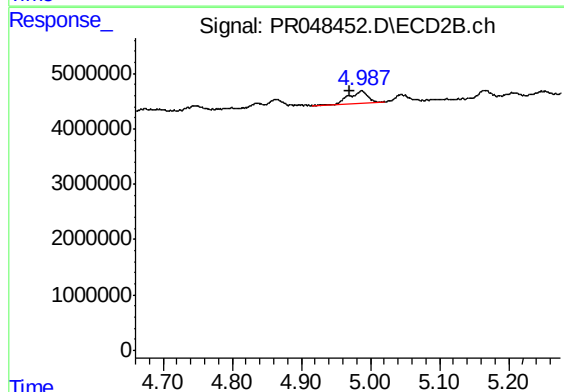
R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 1805202
Conc: 24.06 ng/ml



#21 AR-1248-1

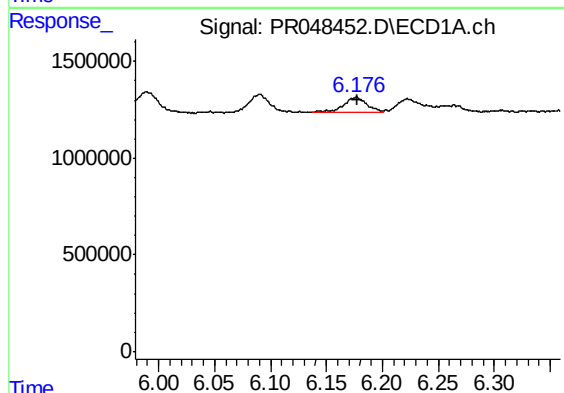
R.T.: 5.903 min
Delta R.T.: 0.000 min
Response: 2087032
Conc: 43.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



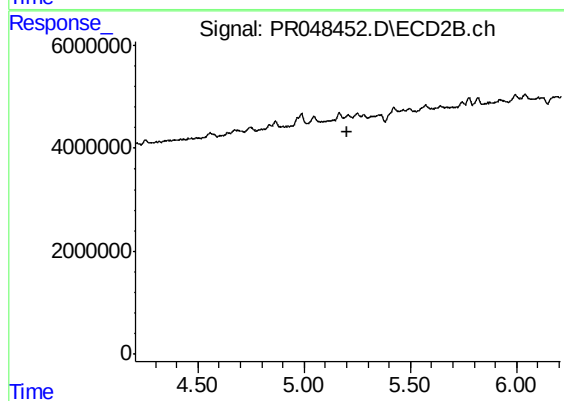
#21 AR-1248-1

R.T.: 4.987 min
Delta R.T.: 0.018 min
Response: 4335546
Conc: 98.78 ng/ml



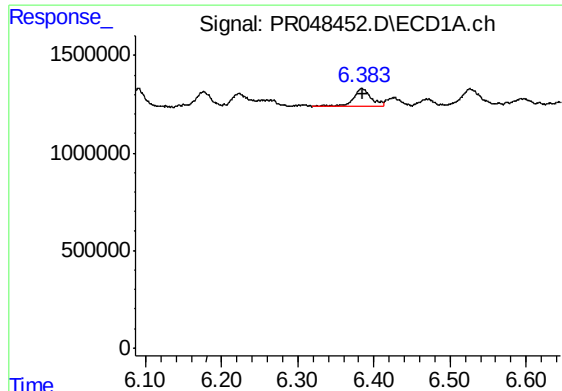
#22 AR-1248-2

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 1209694
Conc: 17.93 ng/ml



#22 AR-1248-2

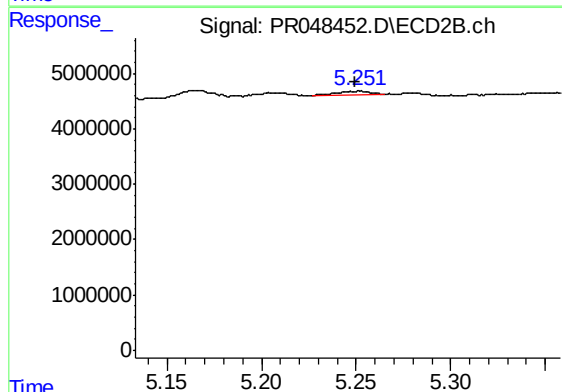
R.T.: 0.000 min
Exp R.T. : 5.206 min
Response: 0
Conc: N.D.



#23 AR-1248-3

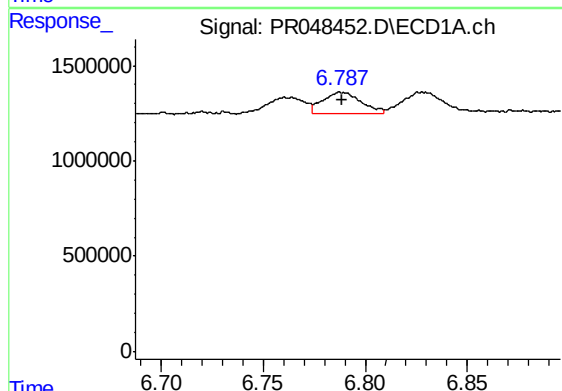
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 1530322
Conc: 20.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



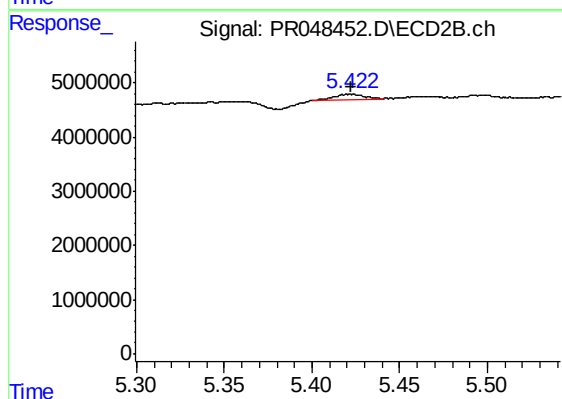
#23 AR-1248-3

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 967853
Conc: 14.48 ng/ml



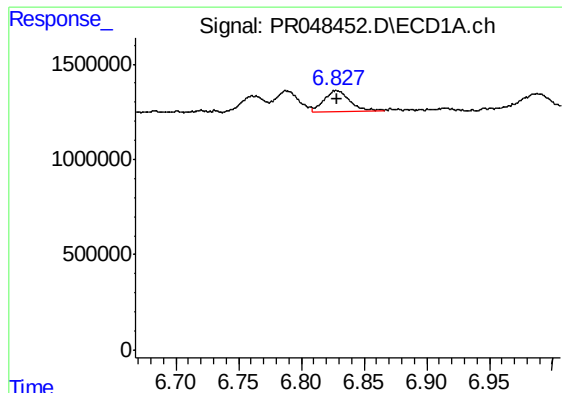
#24 AR-1248-4

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 1436808
Conc: 16.50 ng/ml



#24 AR-1248-4

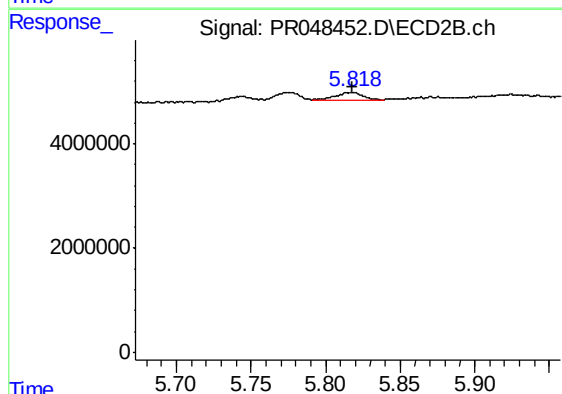
R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 1177274
Conc: 13.05 ng/ml



#25 AR-1248-5

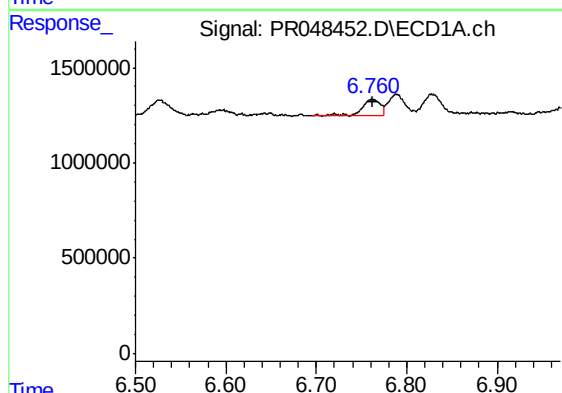
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 1606958
Conc: 19.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



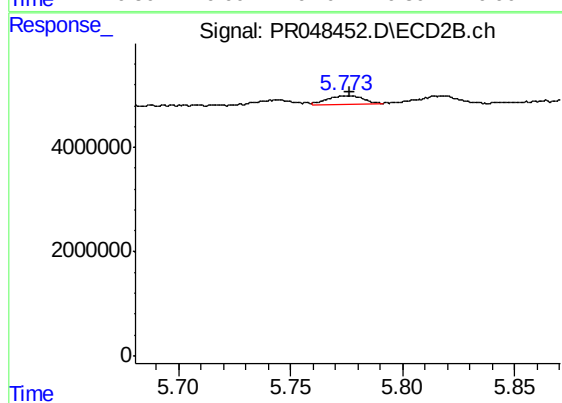
#25 AR-1248-5

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 1860343
Conc: 13.48 ng/ml



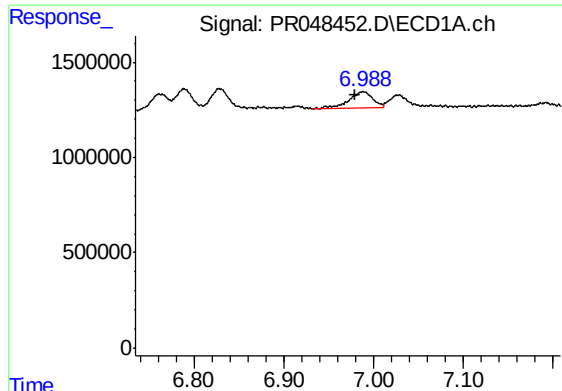
#26 AR-1254-1

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 1171804
Conc: 13.35 ng/ml



#26 AR-1254-1

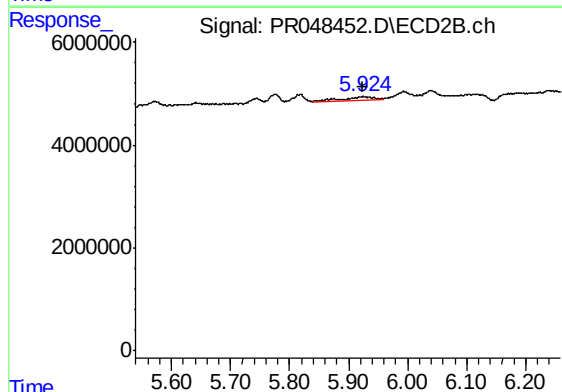
R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 1805202
Conc: 11.70 ng/ml



#27 AR-1254-2

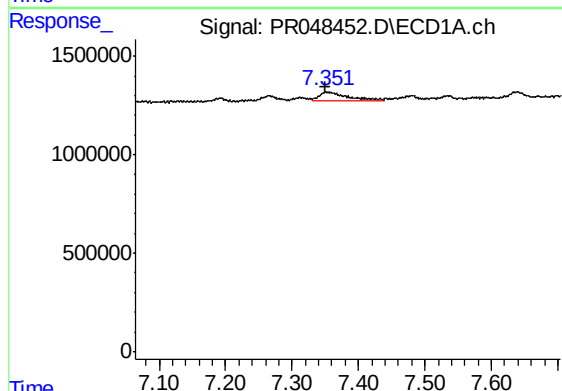
R.T.: 6.988 min
Delta R.T.: 0.009 min
Response: 1682818
Conc: 12.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



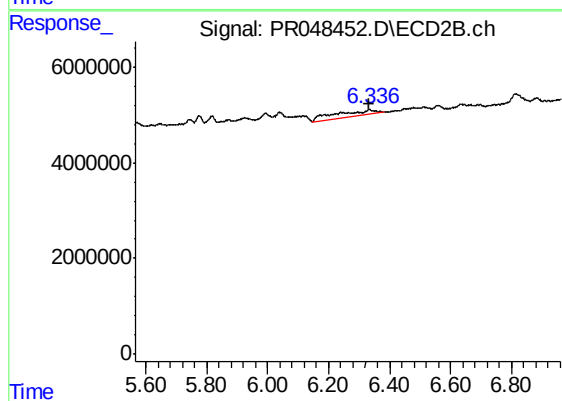
#27 AR-1254-2

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 2043102
Conc: 12.09 ng/ml



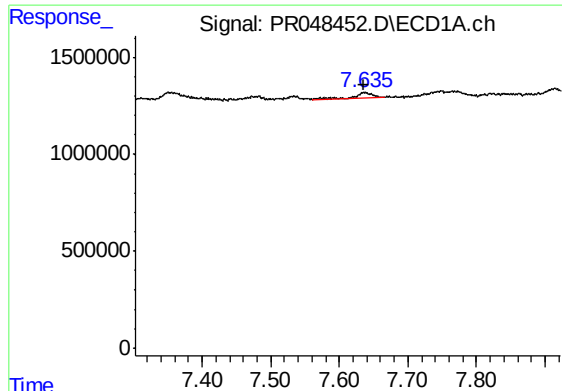
#28 AR-1254-3

R.T.: 7.352 min
Delta R.T.: 0.002 min
Response: 1270967
Conc: 9.09 ng/ml



#28 AR-1254-3

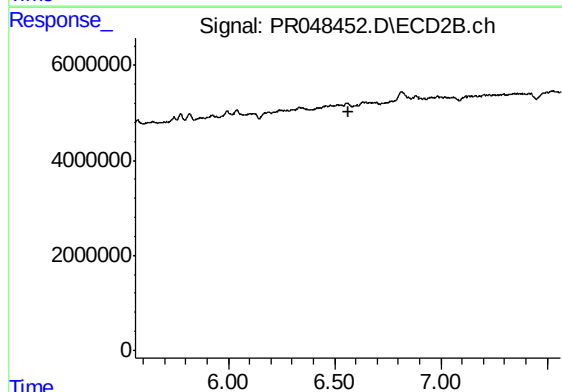
R.T.: 6.334 min
Delta R.T.: 0.001 min
Response: 10823891
Conc: 32.34 ng/ml



#29 AR-1254-4

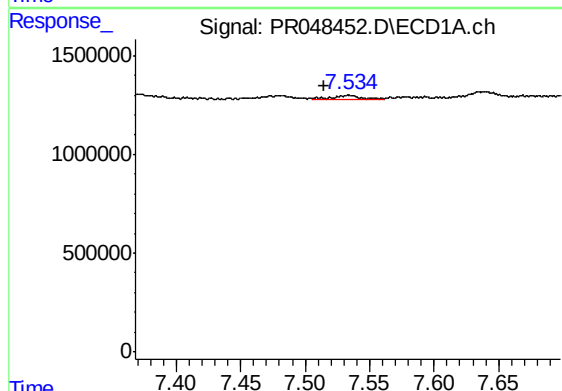
R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 506856
Conc: 4.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



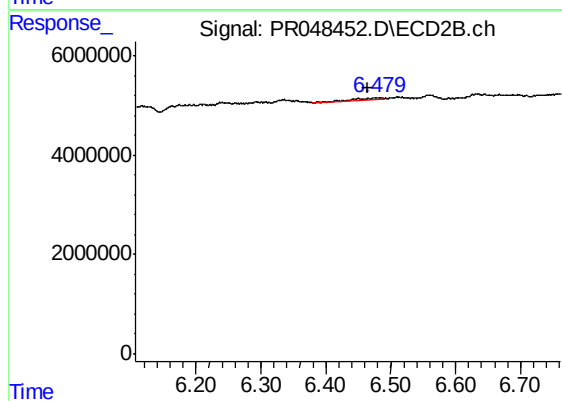
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.563 min
Response: 0
Conc: N.D.



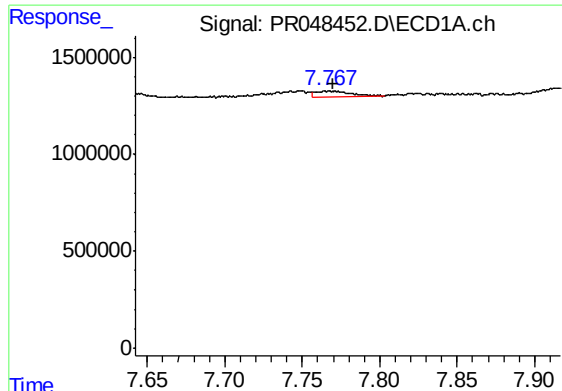
#31 AR-1260-1

R.T.: 7.534 min
Delta R.T.: 0.019 min
Response: 285522
Conc: 2.51 ng/ml



#31 AR-1260-1

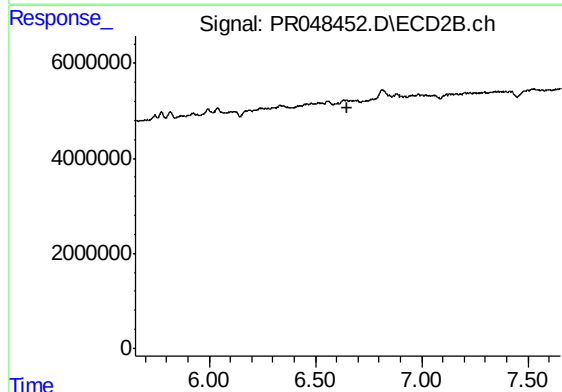
R.T.: 6.480 min
Delta R.T.: 0.017 min
Response: 635895
Conc: 3.35 ng/ml



#32 AR-1260-2

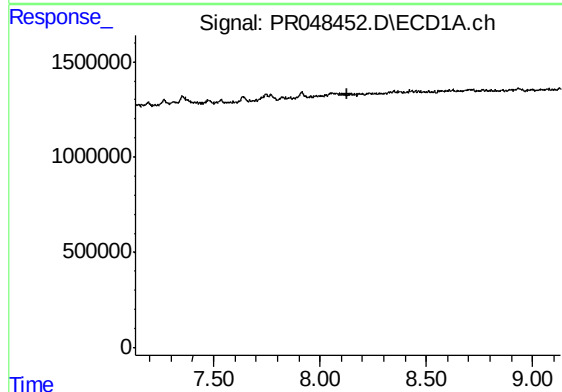
R.T.: 7.768 min
Delta R.T.: -0.003 min
Response: 470052
Conc: 3.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



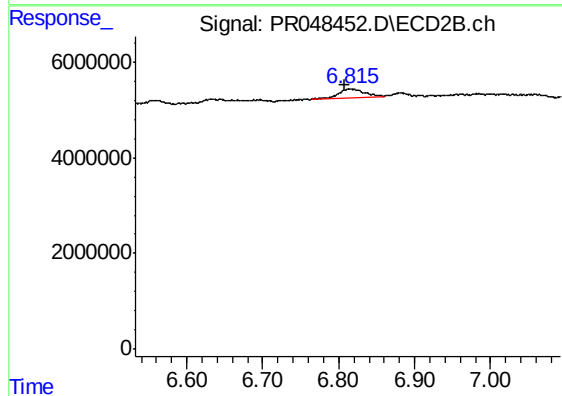
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.653 min
Response: 0
Conc: N.D.



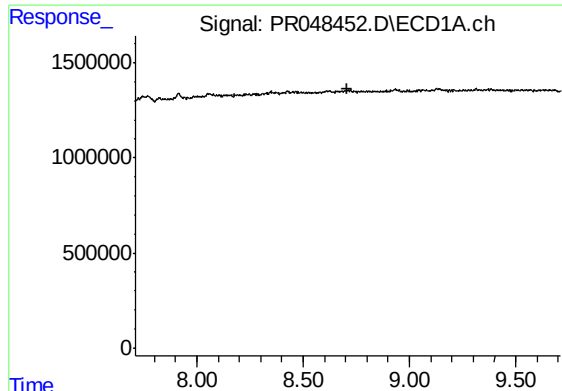
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 8.132 min
Response: 0
Conc: N.D.



#33 AR-1260-3

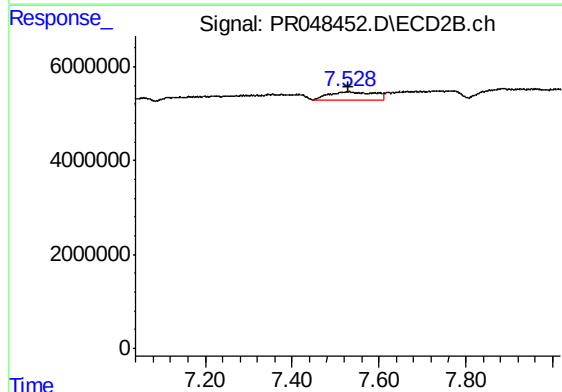
R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 4372741
Conc: 10.24 ng/ml



#35 AR-1260-5

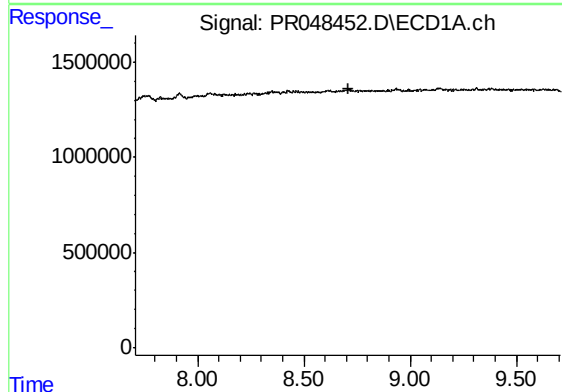
R.T.: 0.000 min
Exp R.T. : 8.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



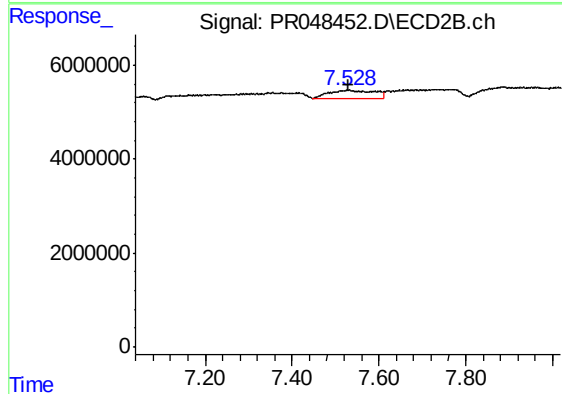
#35 AR-1260-5

R.T.: 7.532 min
Delta R.T.: 0.001 min
Response: 12969614
Conc: 6.37 ng/ml



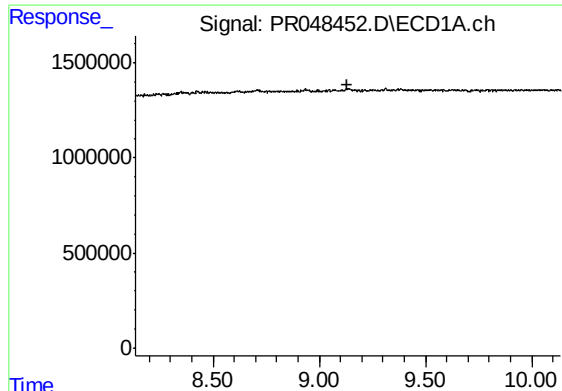
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.708 min
Response: 0
Conc: N.D.



#37 AR-1262-2

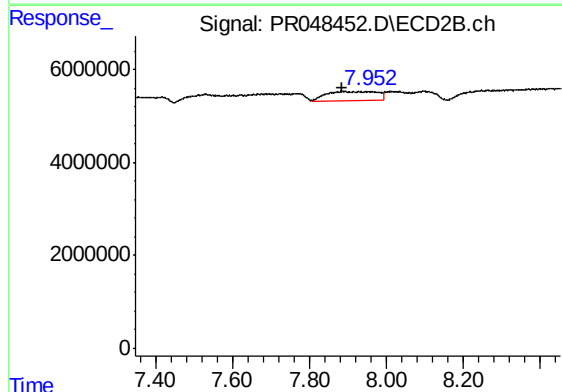
R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 12969614
Conc: 6.32 ng/ml



#39 AR-1262-4

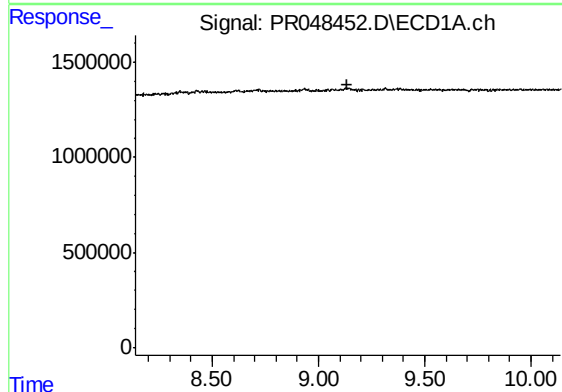
R.T.: 0.000 min
Exp R.T. : 9.135 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



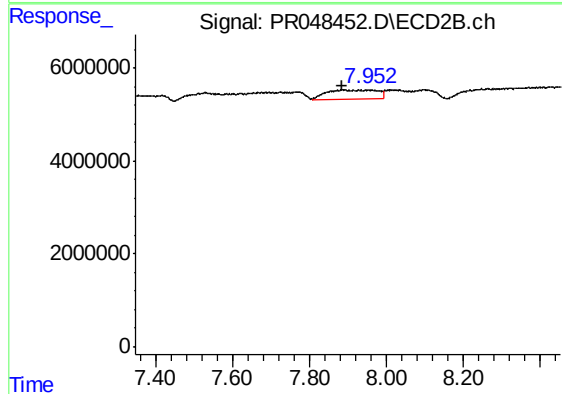
#39 AR-1262-4

R.T.: 7.887 min
Delta R.T.: 0.003 min
Response: 18890519
Conc: 13.82 ng/ml



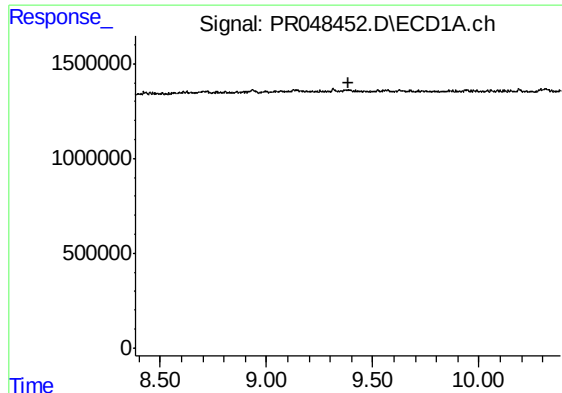
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.138 min
Response: 0
Conc: N.D.



#42 AR-1268-2

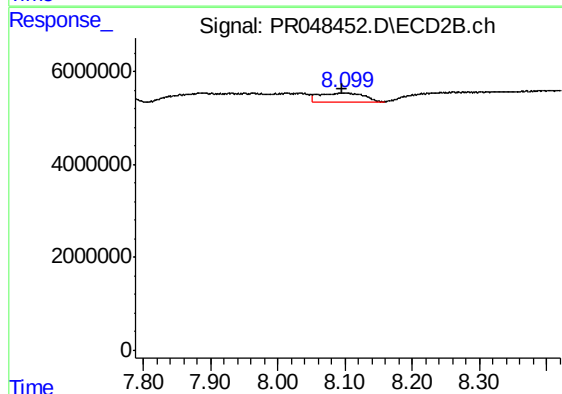
R.T.: 7.887 min
Delta R.T.: 0.003 min
Response: 18890519
Conc: 8.27 ng/ml



#43 AR-1268-3

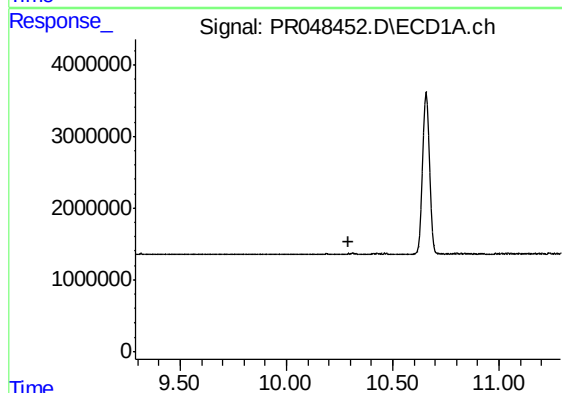
R.T.: 0.000 min
Exp R.T. : 9.384 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



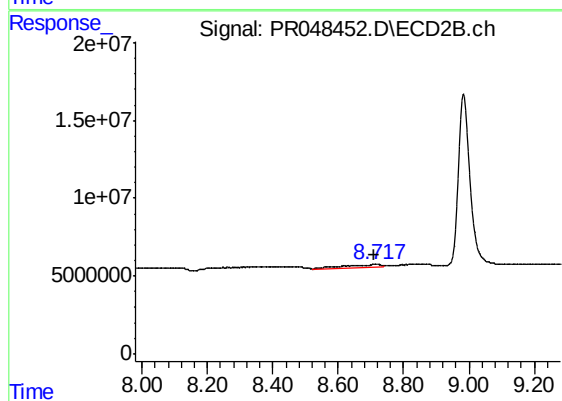
#43 AR-1268-3

R.T.: 8.097 min
Delta R.T.: 0.002 min
Response: 8858559
Conc: 4.52 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.289 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.713 min
Delta R.T.: 0.002 min
Response: 14747269
Conc: 2.61 ng/ml