

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050224\
 Data File : PL089322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2024 15:26
 Operator : AR\AJ
 Sample : P2337-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RB21155-SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 23:03:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.797	16841901	10364475	8.364	8.078
28)	SA Decachlor...	9.067	7.949	13116917	11605966	9.376	8.628
Target Compounds							
2)	A alpha-BHC	4.005	0.000	579365	0	0.203	N.D. #
3)	MA gamma-BHC...	4.353f	3.652f	157243	256754	0.056	0.139 #
4)	MA Heptachlor	4.937	3.998f	871643	147328	0.351	0.084 #
5)	MB Aldrin	5.262	4.270	278890	135592	0.109	0.077 #
6)	B beta-BHC	0.000	3.945f	0	151132	N.D.	0.185 #
7)	B delta-BHC	4.787	4.170	467194	48382	0.176	0.027 #
8)	B Heptachlo...	5.690	4.750	341774	-22232	0.146	N.D. #
9)	A Endosulfan I	6.073	5.133	111556	49091	0.052	0.033 #
10)	B gamma-Chl...	5.955	4.988f	1756590	195968	0.768	0.119 #
11)	B alpha-Chl...	6.038	5.073	4684149	470682	2.059	0.285 #
12)	B 4,4'-DDE	6.204	5.264	55934512	40304013	27.644	27.720
13)	MA Dieldrin	6.352	5.397	-186378	202806	N.D.	0.126
14)	MA Endrin	6.584	5.680	292204	2972218	0.154	2.067 #
15)	B Endosulfa...	6.809	5.962	141515	445893	0.071	0.310 #
16)	A 4,4'-DDD	6.722	5.818	4370903	1481923	2.591	1.202 #
17)	MA 4,4'-DDT	7.034	6.068	20452557	12450939	11.122	9.203
18)	B Endrin al...	6.915f	6.163f	-37291	217636	N.D.	0.196
19)	B Endosulfa...	7.148f	6.364	224868	409139	0.124	0.295 #
20)	A Methoxychlor	0.000	6.619f	0	557485	N.D.	0.697 #
21)	B Endrin ke...	7.627f	0.000	1931892	0	0.965	N.D. #
22)	Mirex	8.125	0.000	23675	0	0.015	N.D. #
23)	Chlordane-1	0.000	3.817f	0	41480	N.D.	0.843 #
24)	Chlordane-2	5.235	4.383	682040	395949	6.490	6.224
25)	Chlordane-3	5.955	4.988f	1756590	195968	5.319	1.145 #
26)	Chlordane-4	6.038	5.073	4684149	470682	11.491	2.926 #
27)	Chlordane-5	6.883	5.739	280860	897159	3.375	17.530 #

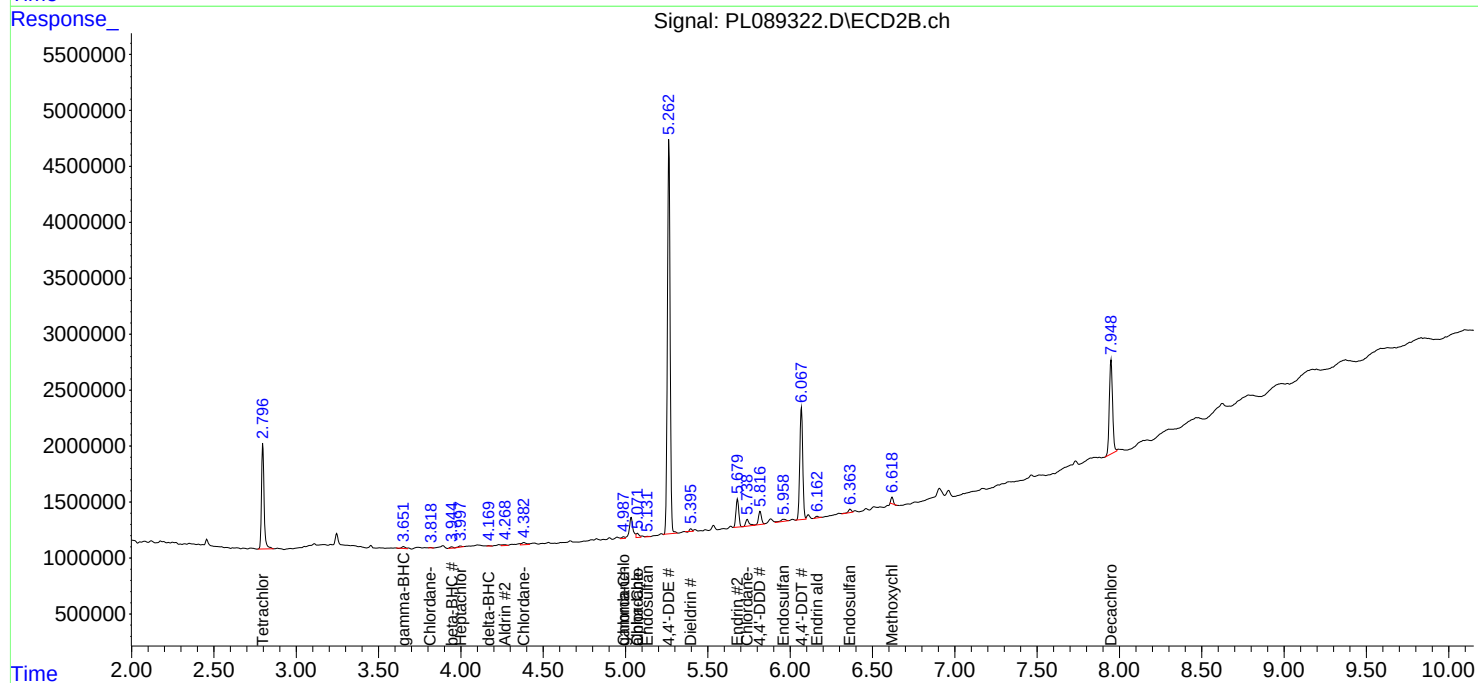
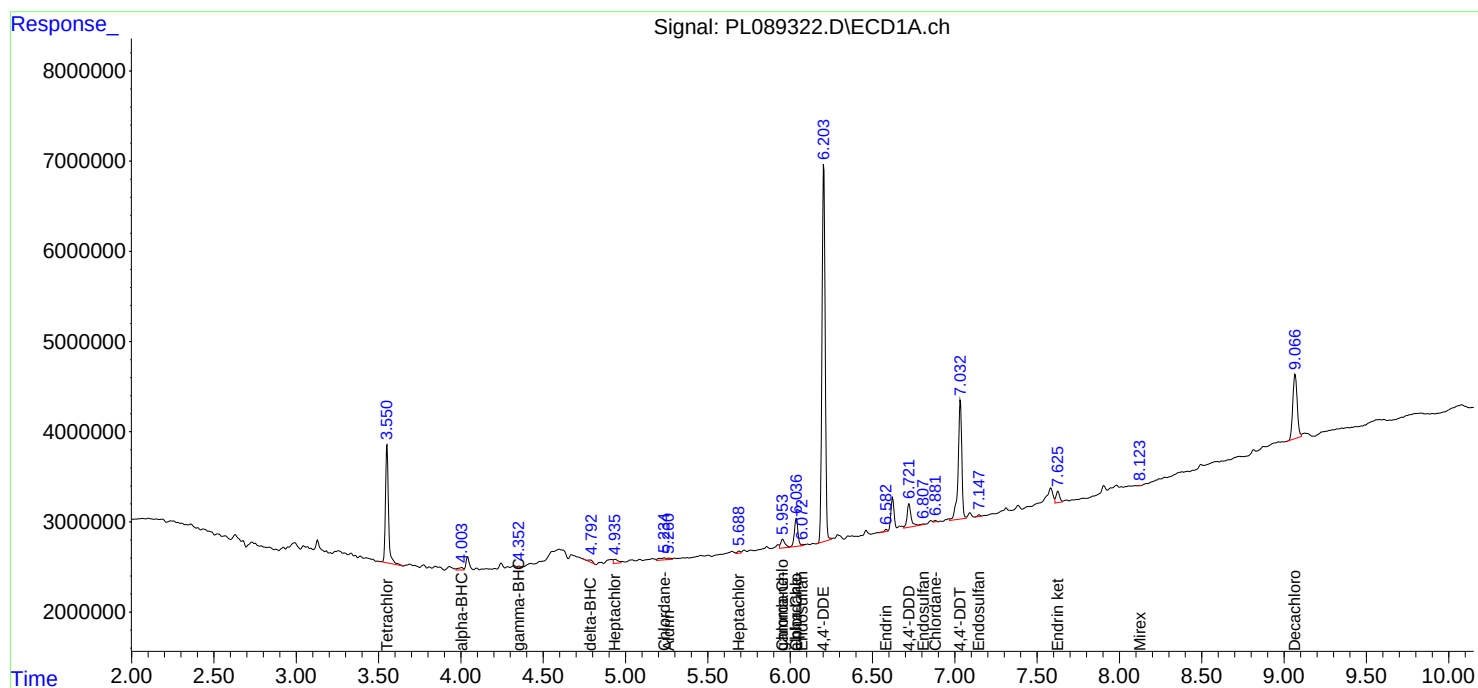
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

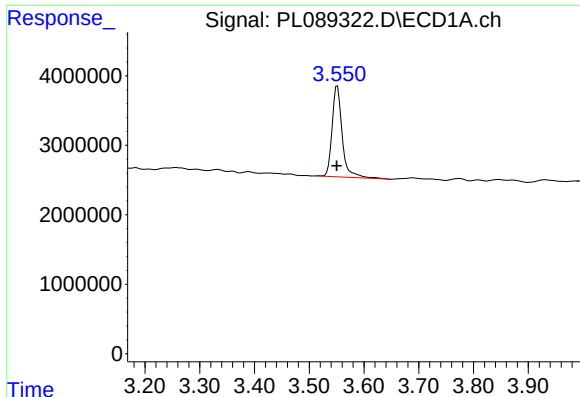
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050224\
Data File : PL089322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2024 15:26
Operator : AR\AJ
Sample : P2337-03
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 23:03:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

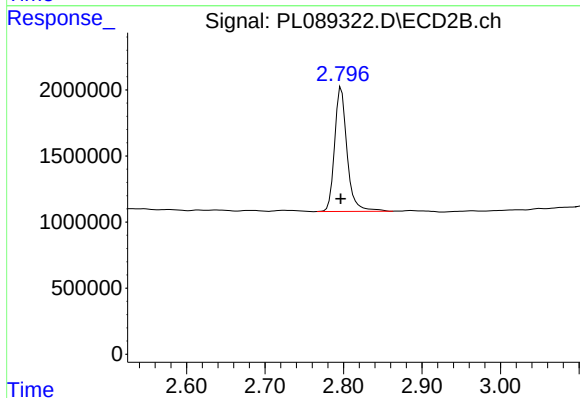




#1 Tetrachloro-m-xylene

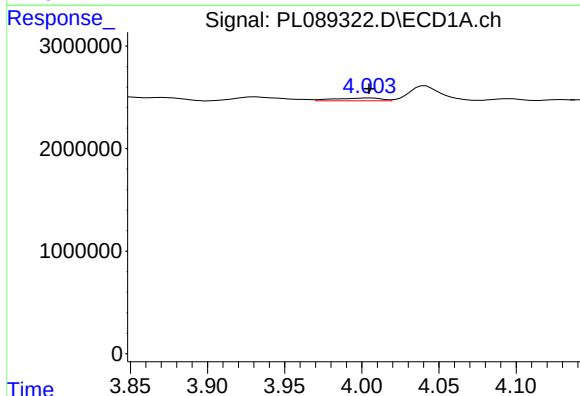
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 16841901
Conc: 8.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



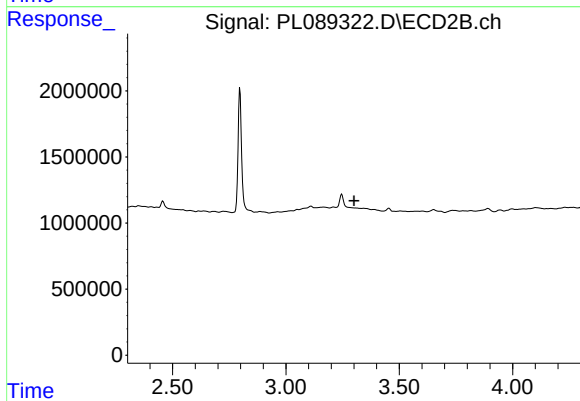
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 10364475
Conc: 8.08 ng/ml



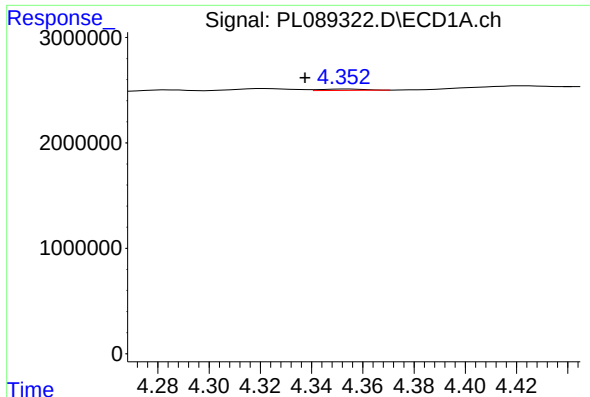
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 579365
Conc: 0.20 ng/ml



#2 alpha-BHC

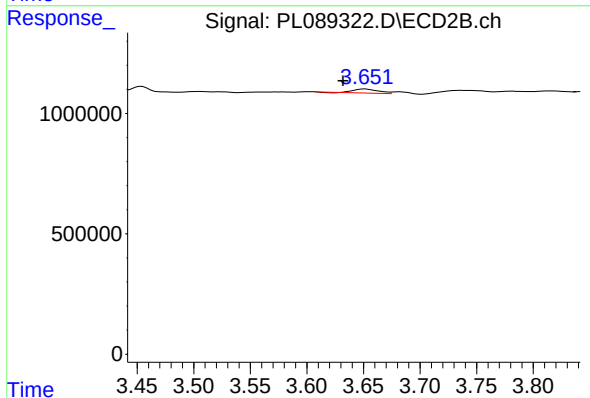
R.T.: 0.000 min
Exp R.T. : 3.301 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

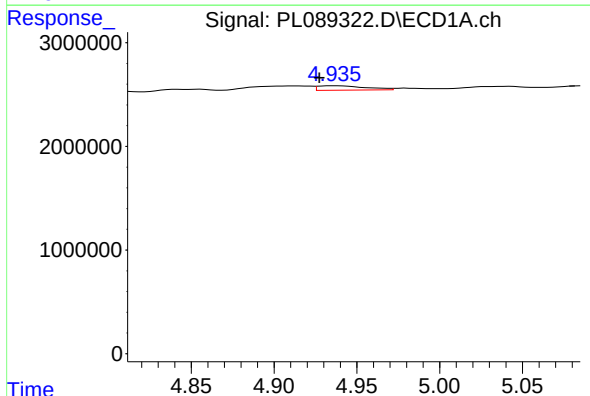
R.T.: 4.353 min
Delta R.T.: 0.016 min
Response: 157243
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



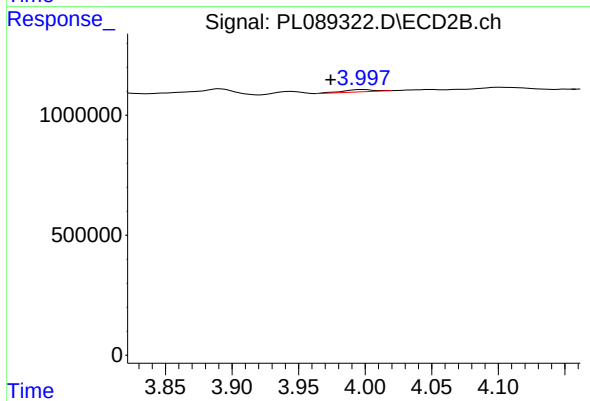
#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.020 min
Response: 256754
Conc: 0.14 ng/ml



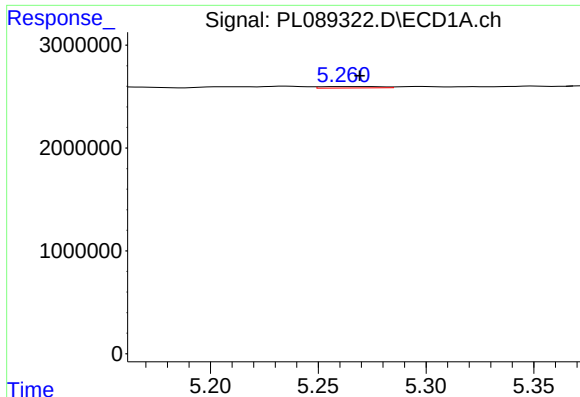
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.010 min
Response: 871643
Conc: 0.35 ng/ml



#4 Heptachlor

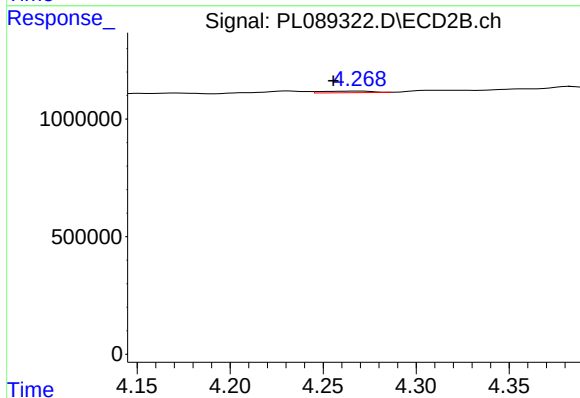
R.T.: 3.998 min
Delta R.T.: 0.024 min
Response: 147328
Conc: 0.08 ng/ml



#5 Aldrin

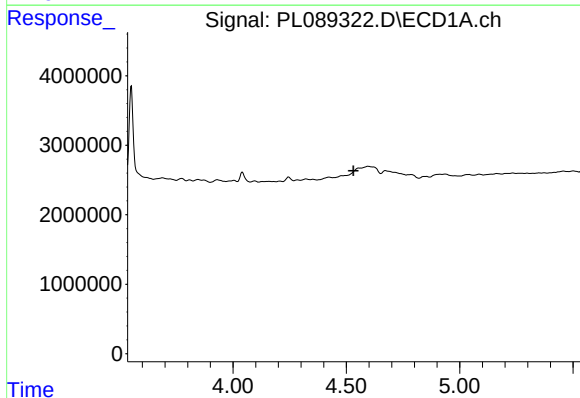
R.T.: 5.262 min
Delta R.T.: -0.007 min
Response: 278890
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



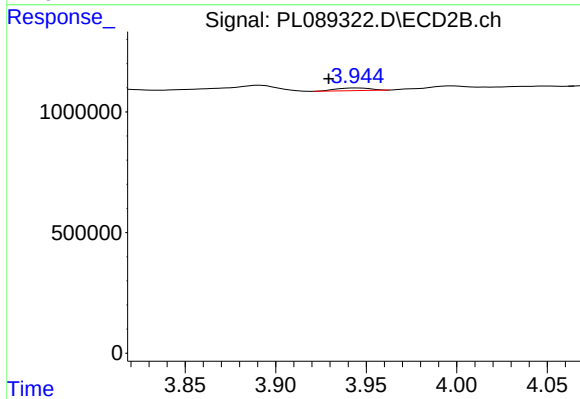
#5 Aldrin

R.T.: 4.270 min
Delta R.T.: 0.014 min
Response: 135592
Conc: 0.08 ng/ml



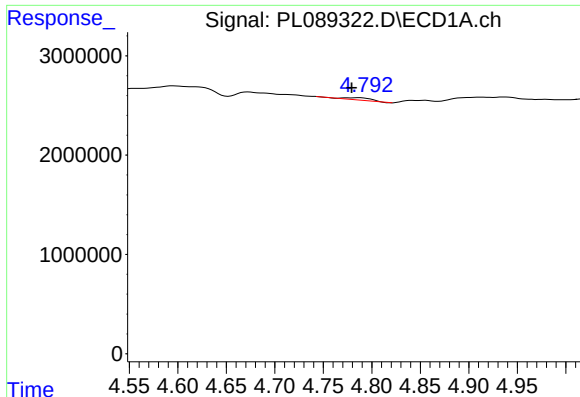
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.532 min
Response: 0
Conc: N.D.



#6 beta-BHC

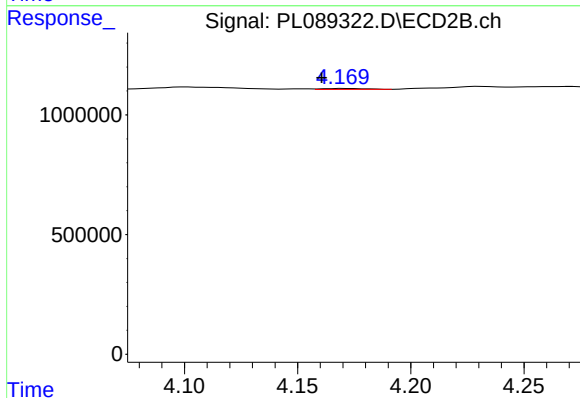
R.T.: 3.945 min
Delta R.T.: 0.016 min
Response: 151132
Conc: 0.19 ng/ml



#7 delta-BHC

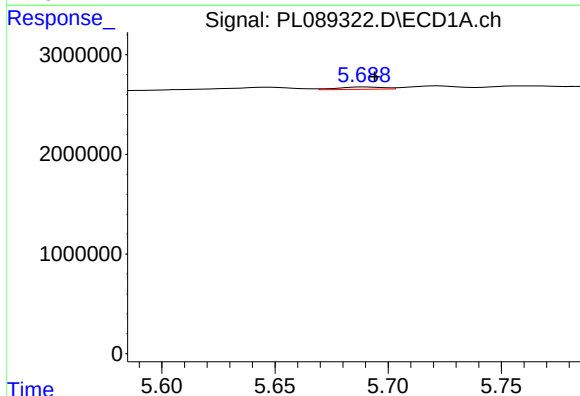
R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 467194
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



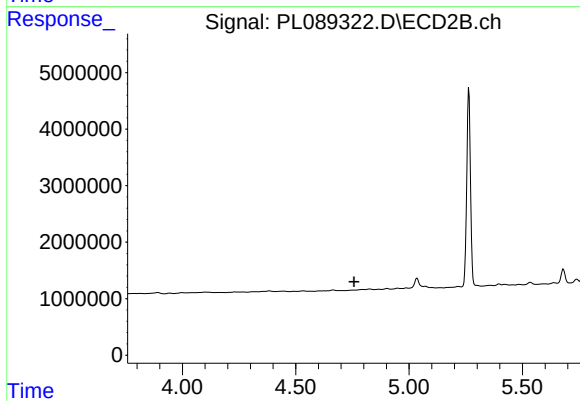
#7 delta-BHC

R.T.: 4.170 min
Delta R.T.: 0.009 min
Response: 48382
Conc: 0.03 ng/ml



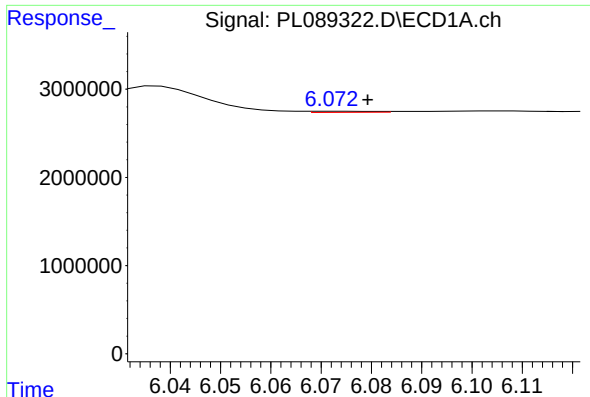
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 341774
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

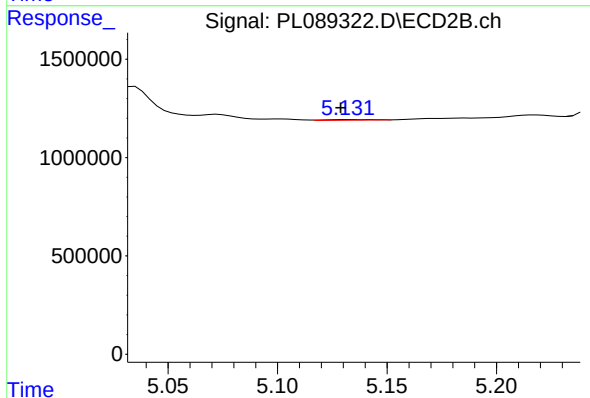
R.T.: 4.750 min
Delta R.T.: -0.008 min
Response: -22232
Conc: N.D.



#9 Endosulfan I

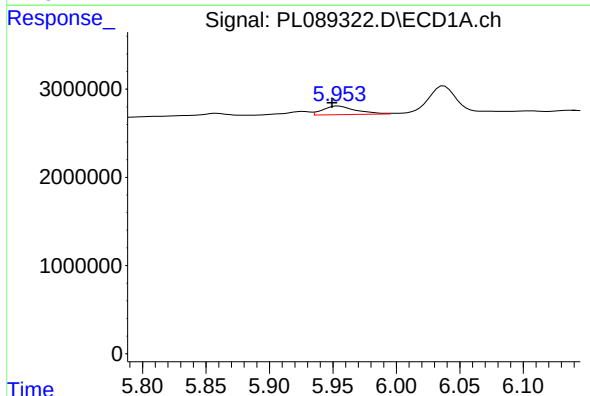
R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 111556
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



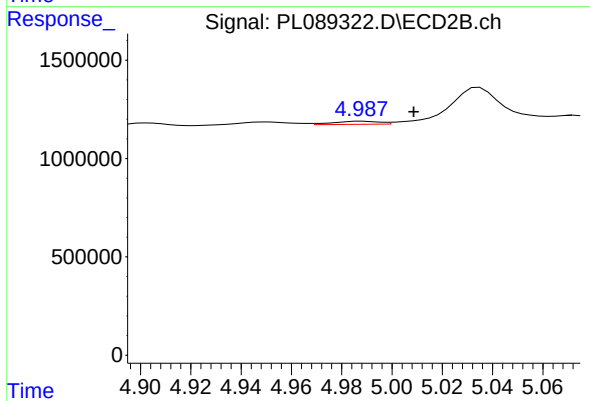
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 49091
Conc: 0.03 ng/ml



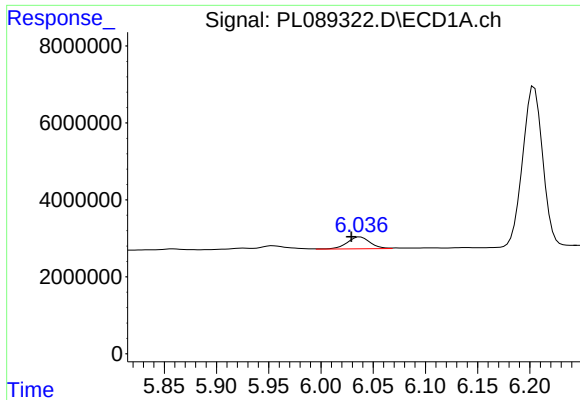
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.005 min
Response: 1756590
Conc: 0.77 ng/ml



#10 gamma-Chlordane

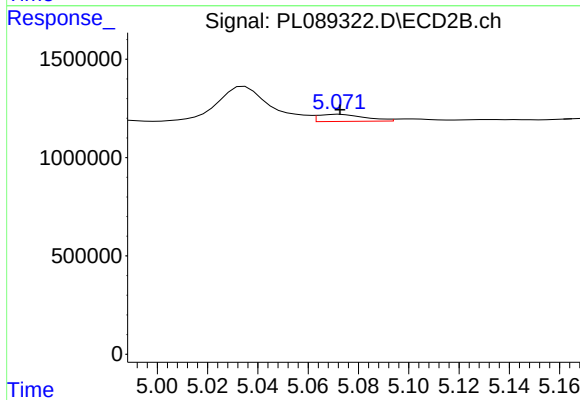
R.T.: 4.988 min
Delta R.T.: -0.020 min
Response: 195968
Conc: 0.12 ng/ml



#11 alpha-Chlordane

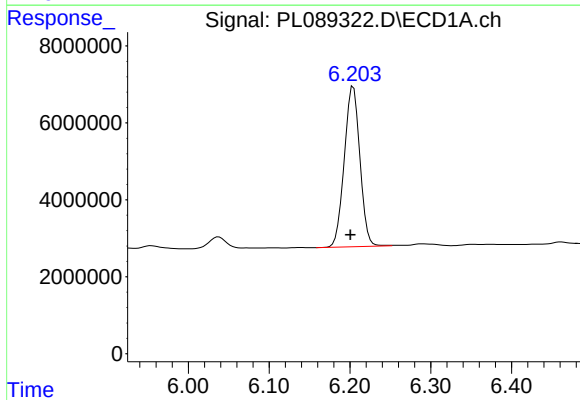
R.T.: 6.038 min
Delta R.T.: 0.009 min
Response: 4684149
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



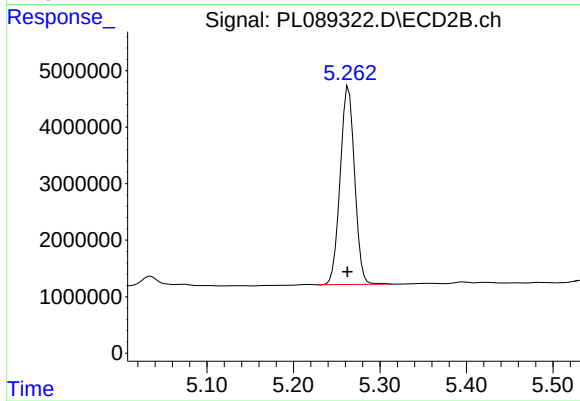
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 470682
Conc: 0.29 ng/ml



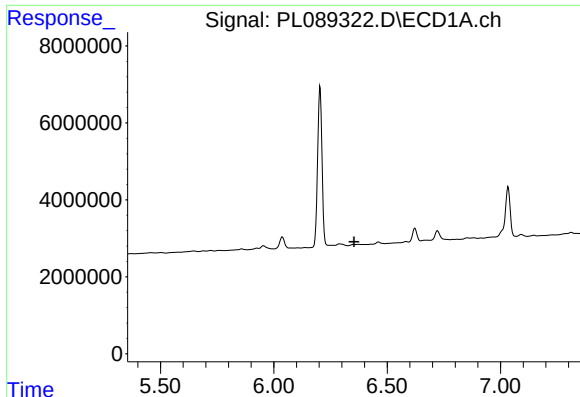
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.004 min
Response: 55934512
Conc: 27.64 ng/ml



#12 4,4'-DDE

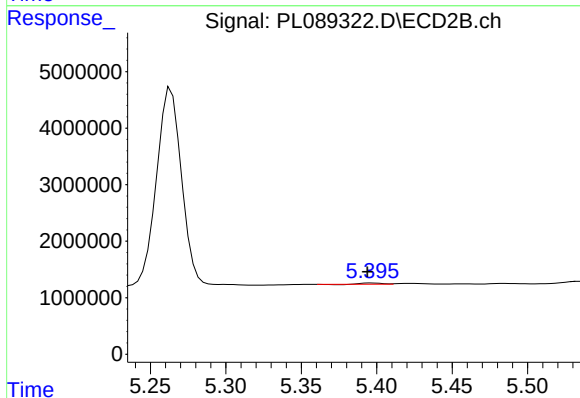
R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 40304013
Conc: 27.72 ng/ml



#13 Dieldrin

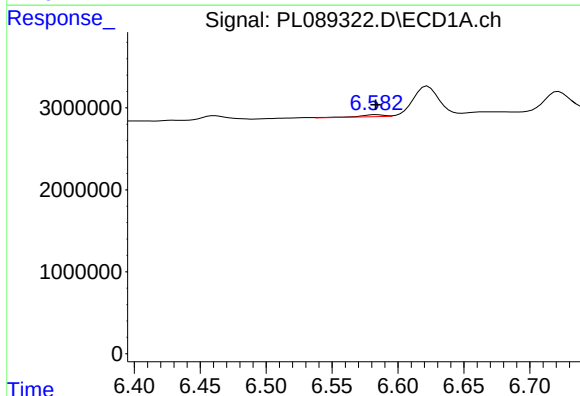
R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: -186378
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



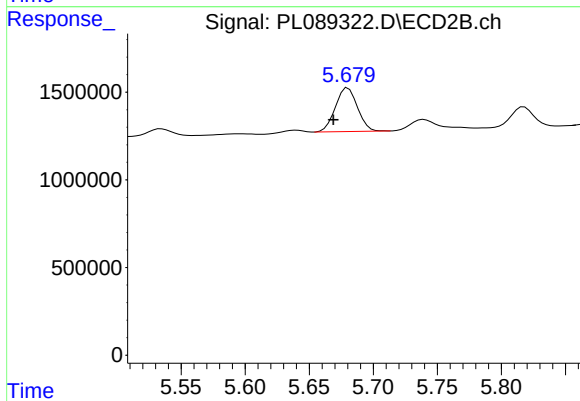
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.003 min
Response: 202806
Conc: 0.13 ng/ml



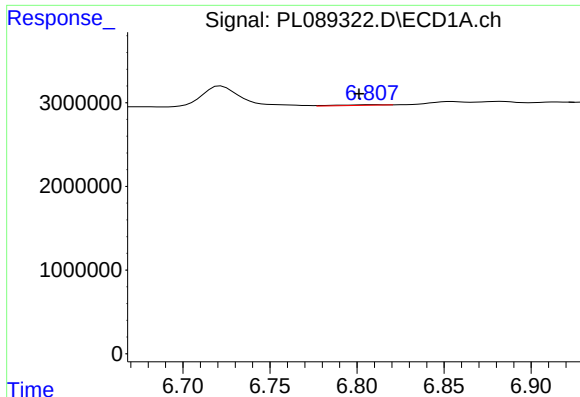
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 292204
Conc: 0.15 ng/ml



#14 Endrin

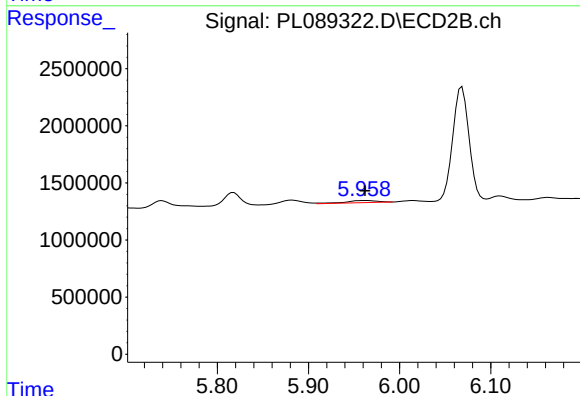
R.T.: 5.680 min
Delta R.T.: 0.012 min
Response: 2972218
Conc: 2.07 ng/ml



#15 Endosulfan II

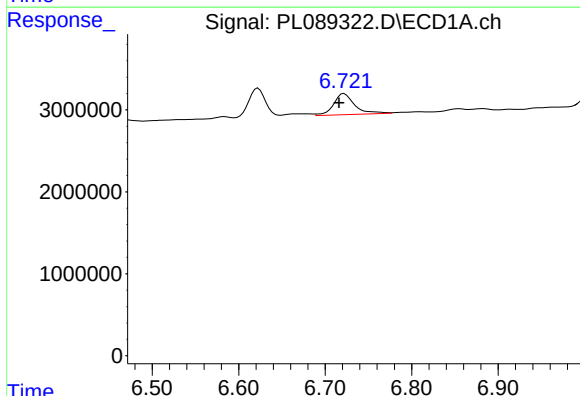
R.T.: 6.809 min
Delta R.T.: 0.008 min
Response: 141515
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



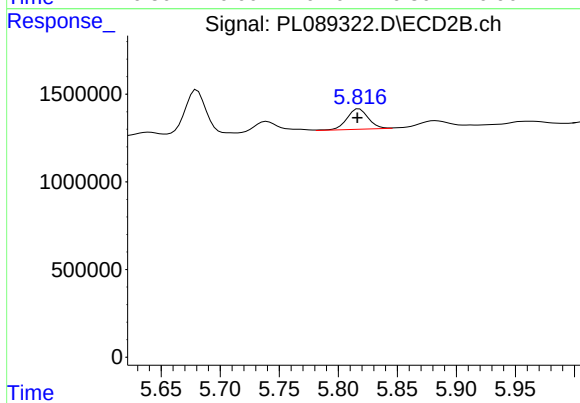
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 445893
Conc: 0.31 ng/ml



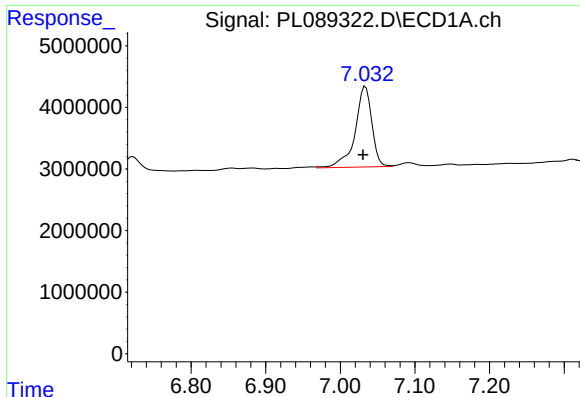
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.006 min
Response: 4370903
Conc: 2.59 ng/ml



#16 4,4'-DDD

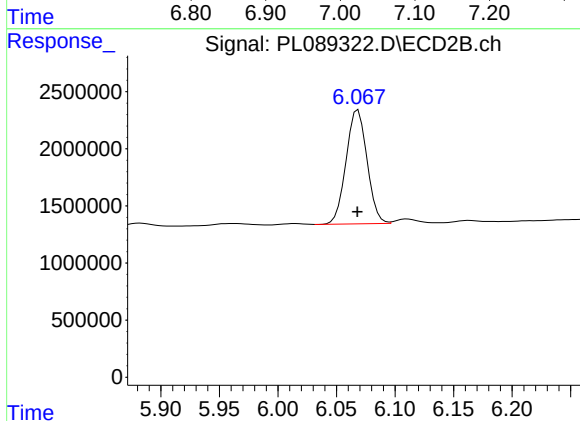
R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 1481923
Conc: 1.20 ng/ml



#17 4,4'-DDT

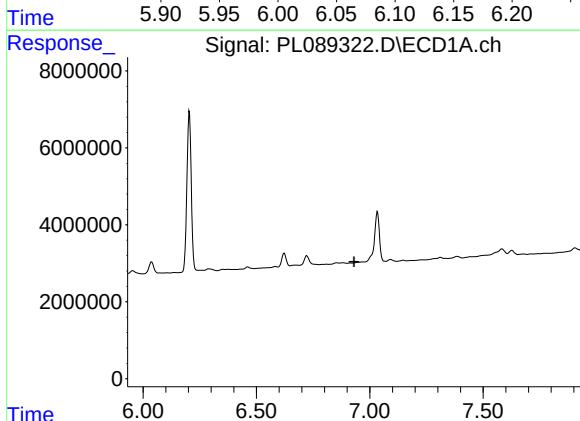
R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 20452557
Conc: 11.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



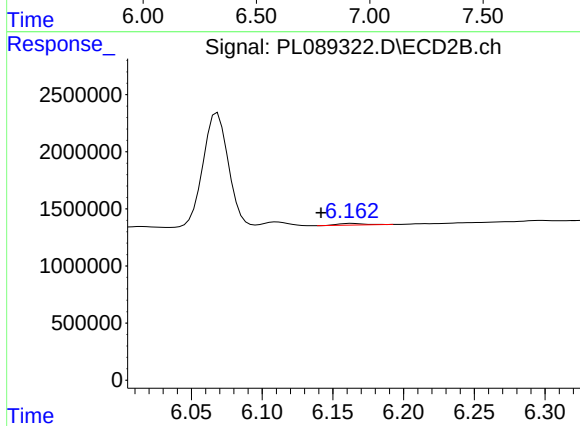
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 12450939
Conc: 9.20 ng/ml



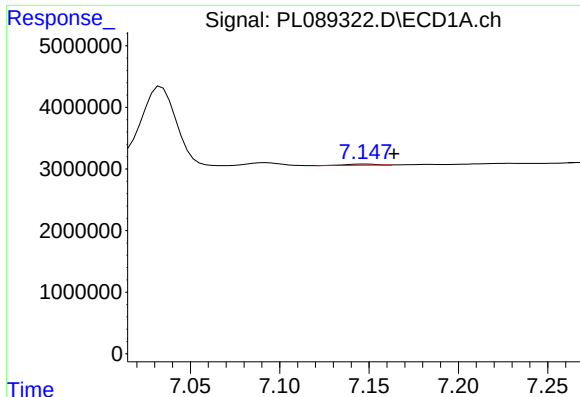
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: -0.016 min
Response: -37291
Conc: N.D.



#18 Endrin aldehyde

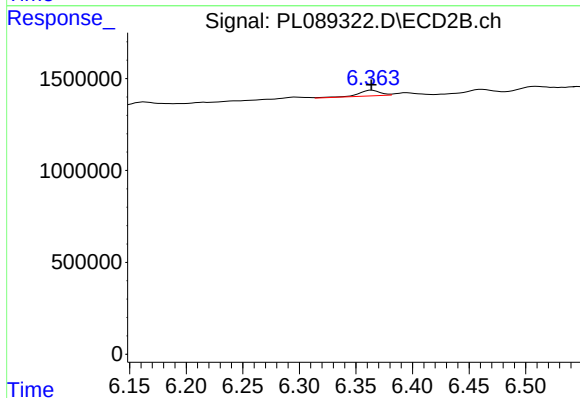
R.T.: 6.163 min
Delta R.T.: 0.022 min
Response: 217636
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

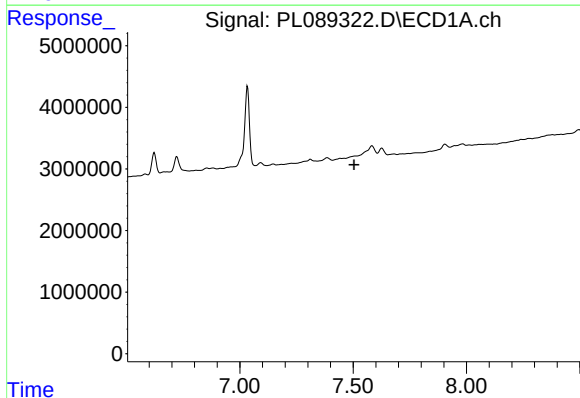
R.T.: 7.148 min
Delta R.T.: -0.016 min
Response: 224868
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



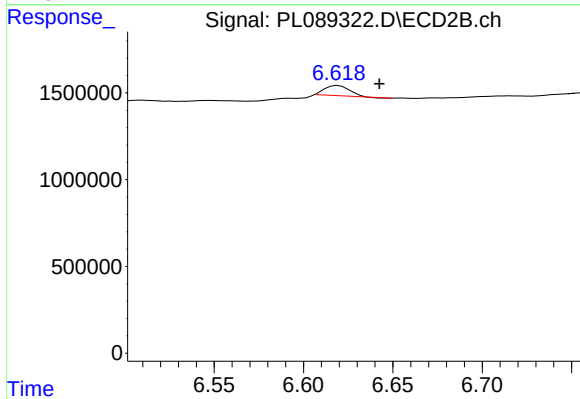
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 409139
Conc: 0.29 ng/ml



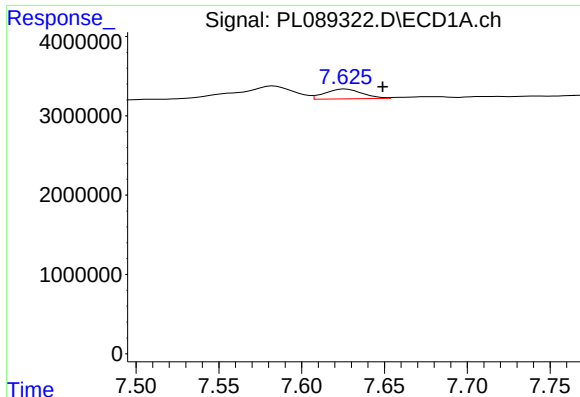
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 Methoxychlor

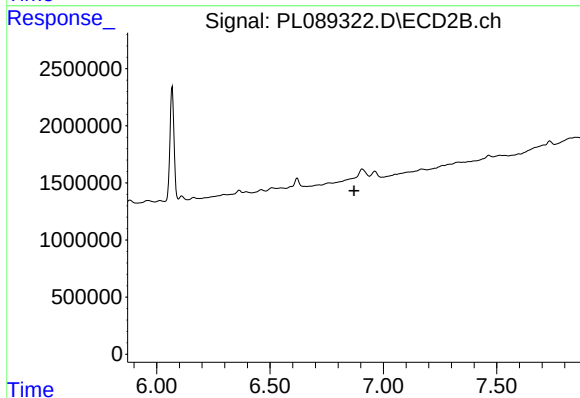
R.T.: 6.619 min
Delta R.T.: -0.023 min
Response: 557485
Conc: 0.70 ng/ml



#21 Endrin ketone

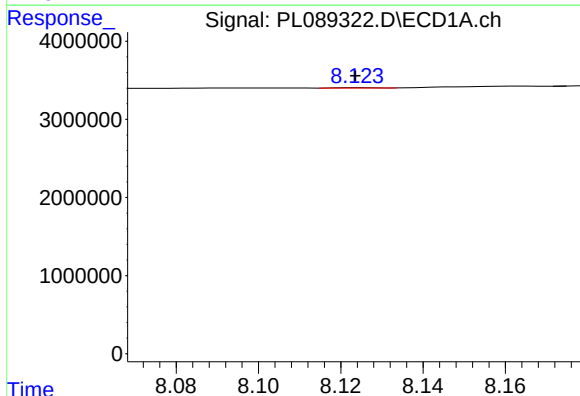
R.T.: 7.627 min
Delta R.T.: -0.022 min
Response: 1931892
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



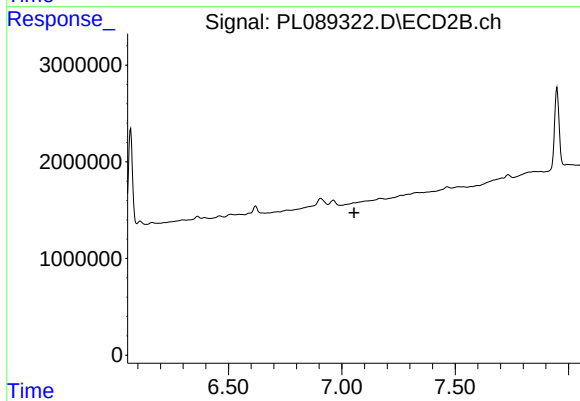
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



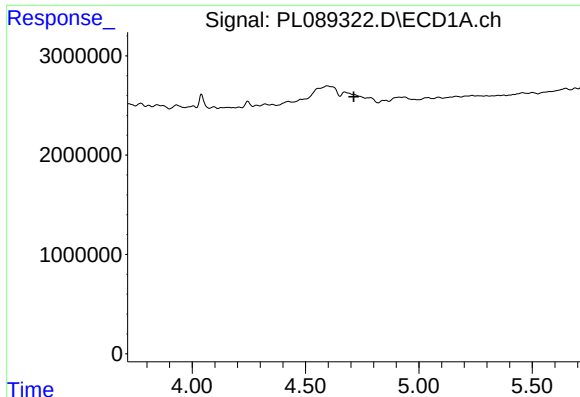
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.001 min
Response: 23675
Conc: 0.02 ng/ml



#22 Mirex

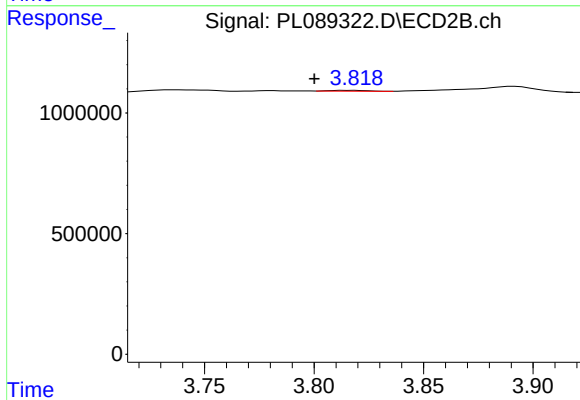
R.T.: 0.000 min
Exp R.T. : 7.054 min
Response: 0
Conc: N.D.



#23 Chlordane-1

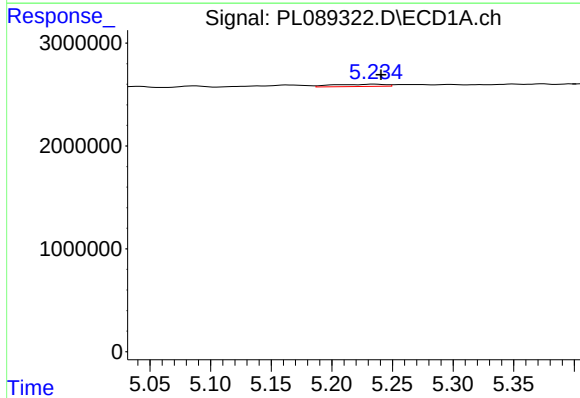
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



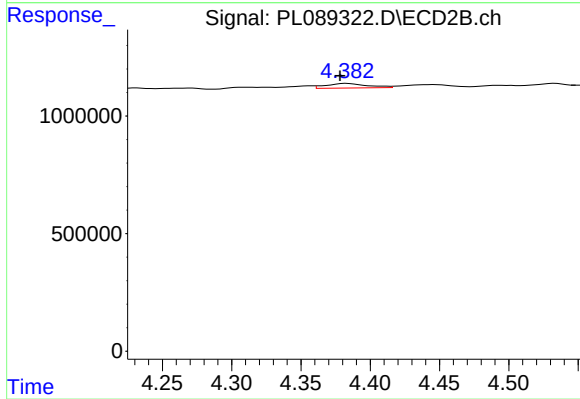
#23 Chlordane-1

R.T.: 3.817 min
Delta R.T.: 0.017 min
Response: 41480
Conc: 0.84 ng/ml



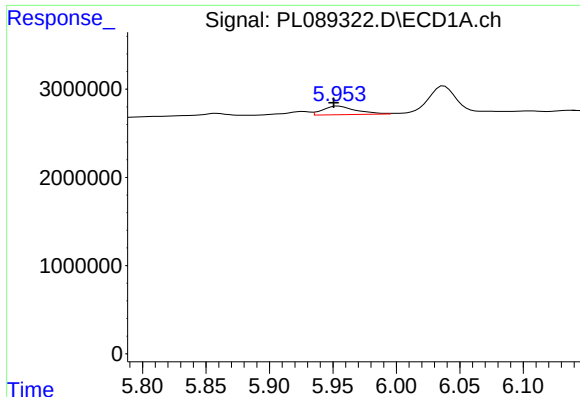
#24 Chlordane-2

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 682040
Conc: 6.49 ng/ml



#24 Chlordane-2

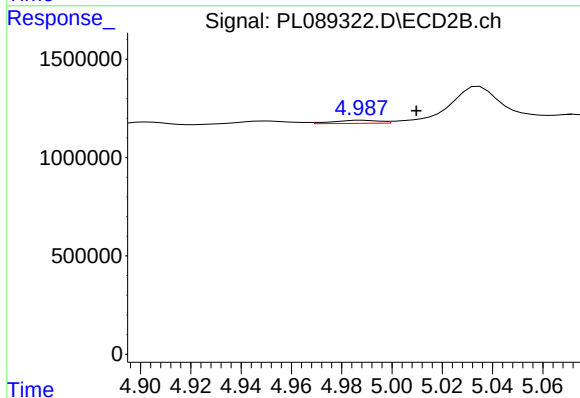
R.T.: 4.383 min
Delta R.T.: 0.005 min
Response: 395949
Conc: 6.22 ng/ml



#25 Chlordane-3

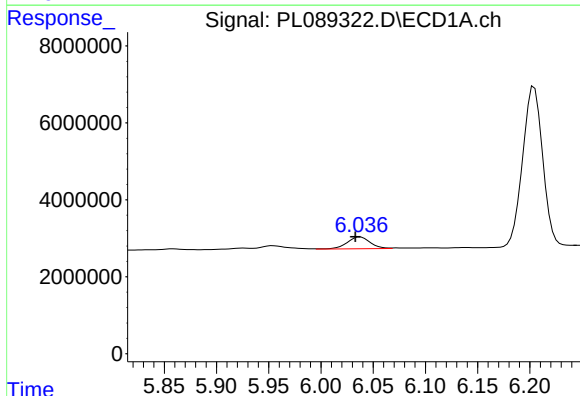
R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 1756590
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



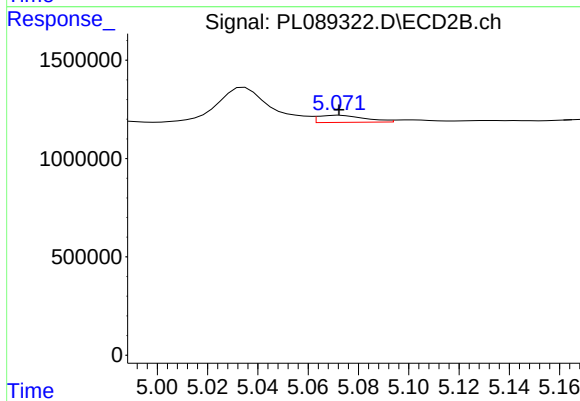
#25 Chlordane-3

R.T.: 4.988 min
Delta R.T.: -0.021 min
Response: 195968
Conc: 1.14 ng/ml



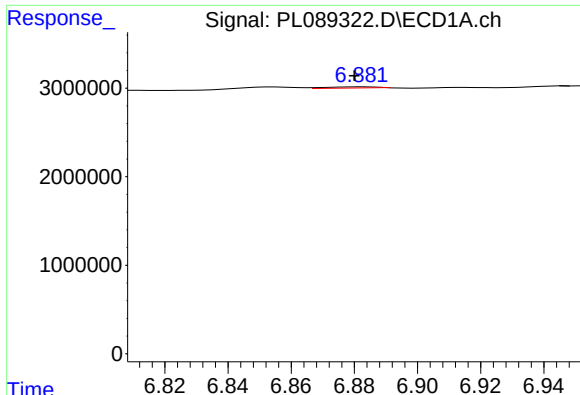
#26 Chlordane-4

R.T.: 6.038 min
Delta R.T.: 0.005 min
Response: 4684149
Conc: 11.49 ng/ml



#26 Chlordane-4

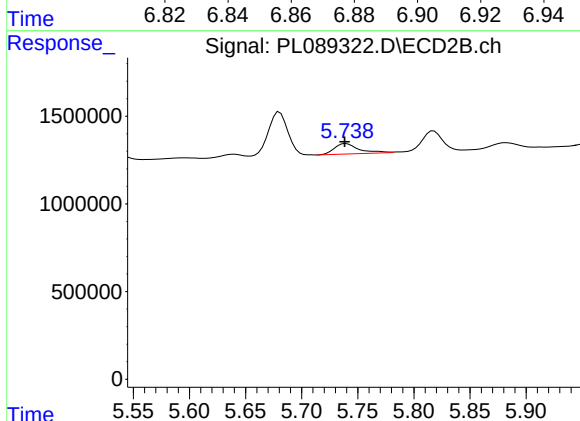
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 470682
Conc: 2.93 ng/ml



#27 Chlordane-5

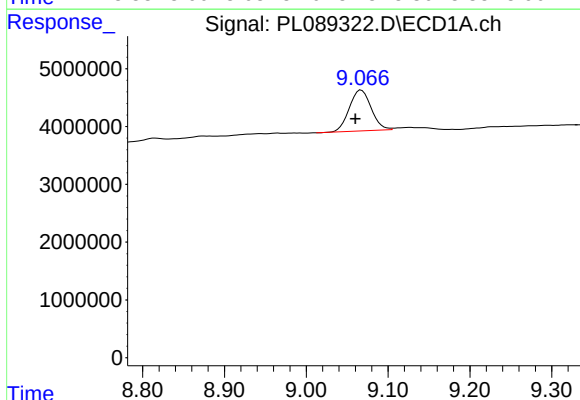
R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 280860
Conc: 3.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RB21155-SOIL



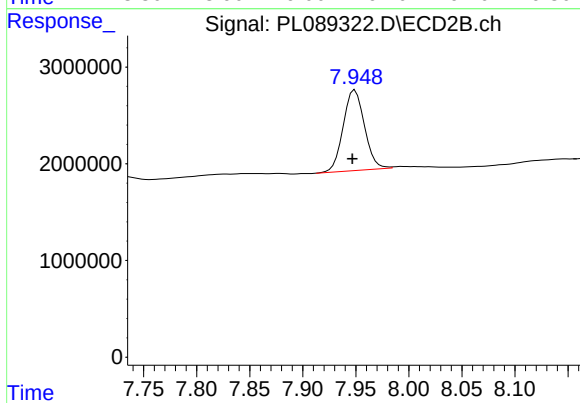
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.001 min
Response: 897159
Conc: 17.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 13116917
Conc: 9.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 11605966
Conc: 8.63 ng/ml