

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013024\
 Data File : PL088048.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2024 16:45
 Operator : AR\AJ
 Sample : P1187-03
 Misc : TOX MDL 50PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2024
 Supervised By :Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 04:11:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 29 12:34:13 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...	3.417	2.671	63684324	27309241	21.956	22.002
28)	SA Decachlor...	8.977	7.856	63509398	29626201	23.698	24.359
Target Compounds							
2)	A alpha-BHC	0.000	3.164	0	62429	N.D.	0.034 #
3)	MA gamma-BHC...	0.000	3.503	0	68892	N.D.	0.038 #
4)	MA Heptachlor	4.799	3.870f	524278	51345	0.126	0.030 #
5)	MB Aldrin	0.000	4.112	0	58071	N.D.	0.033 #
6)	B beta-BHC	4.428f	3.816	803783	-116438	0.435	N.D. #
7)	B delta-BHC	4.654	4.024	2252553	71946	0.553	0.041 #
8)	B Heptachlo...	0.000	4.630	0	112265	N.D.	0.072 #
9)	A Endosulfan I	5.935f	4.981f	87095	109560	0.026	0.077 #
10)	B gamma-Chl...	5.856f	4.912f	277464	784634	0.075	0.508 #
11)	B alpha-Chl...	5.895f	4.981f	288117	109560	0.079	0.070
12)	B 4,4'-DDE	0.000	5.151	0	54050	N.D.	0.042 #
13)	MA Dieldrin	6.264f	5.266	500709	88470	0.141	0.058 #
14)	MA Endrin	0.000	5.528f	0	32922	N.D.	0.024 #
15)	B Endosulfa...	0.000	5.842	0	251493	N.D.	0.193 #
16)	A 4,4'-DDD	6.642f	5.719	1051827	34538	0.437	0.033 #
17)	MA 4,4'-DDT	6.961f	5.959	2859874	173598	1.045	0.146 #
18)	B Endrin al...	6.838f	6.037	93207	485663	0.040	0.481 #
19)	B Endosulfa...	7.048	6.251	3398600	69856	1.174	0.055 #
22)	Mirex	0.000	6.963f	0	1531512	N.D.	1.189 #
23)	Chlordane-1	0.000	3.680	0	63193	N.D.	1.369 #
24)	Chlordane-2	0.000	4.237f	0	160657	N.D.	2.673 #
25)	Chlordane-3	5.856f	4.912f	277464	784634	0.519	4.966 #
26)	Chlordane-4	5.935f	0.000	87095	0	0.132	N.D. #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013024\
Data File : PL088048.D
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Acq On : 30 Jan 2024 16:45
Operator : AR\AJ
Sample : P1187-03
Misc : TOX MDL 50PPB
ALS Vial : 16 Sample Multiplier: 1

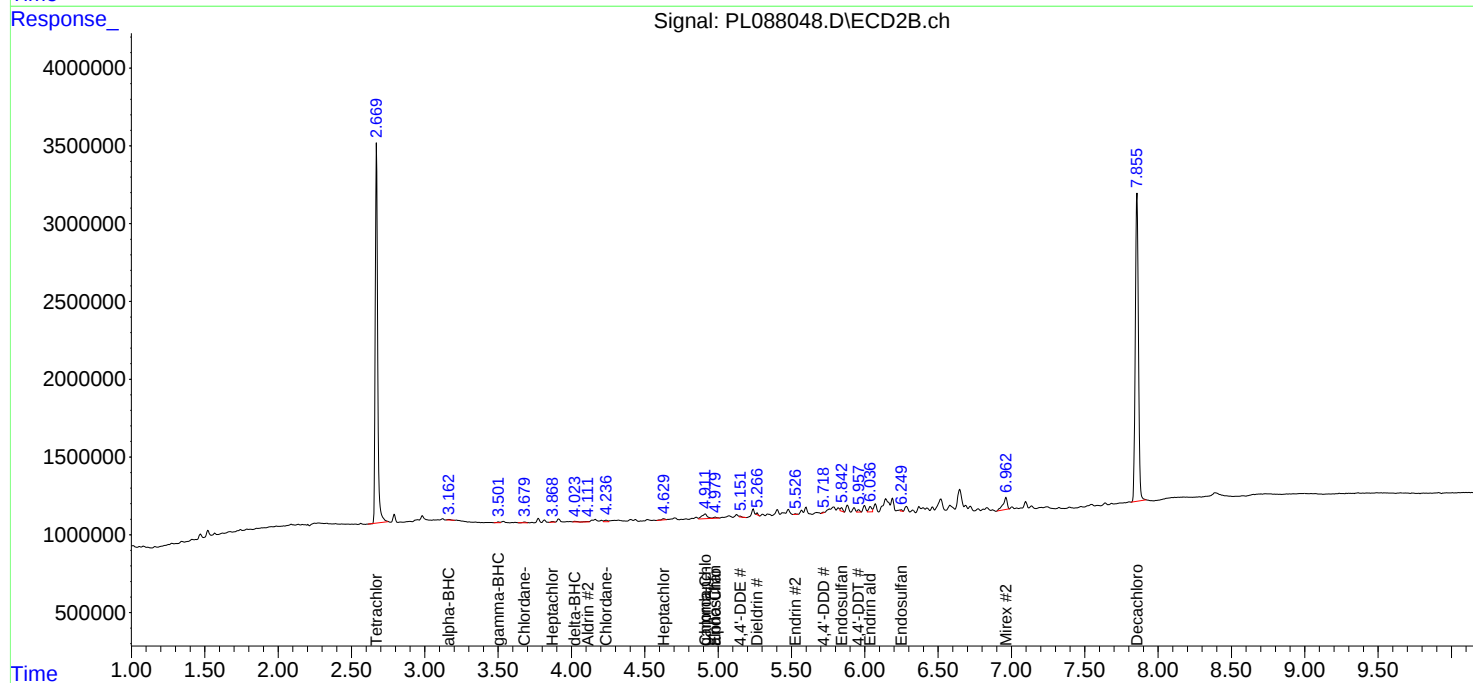
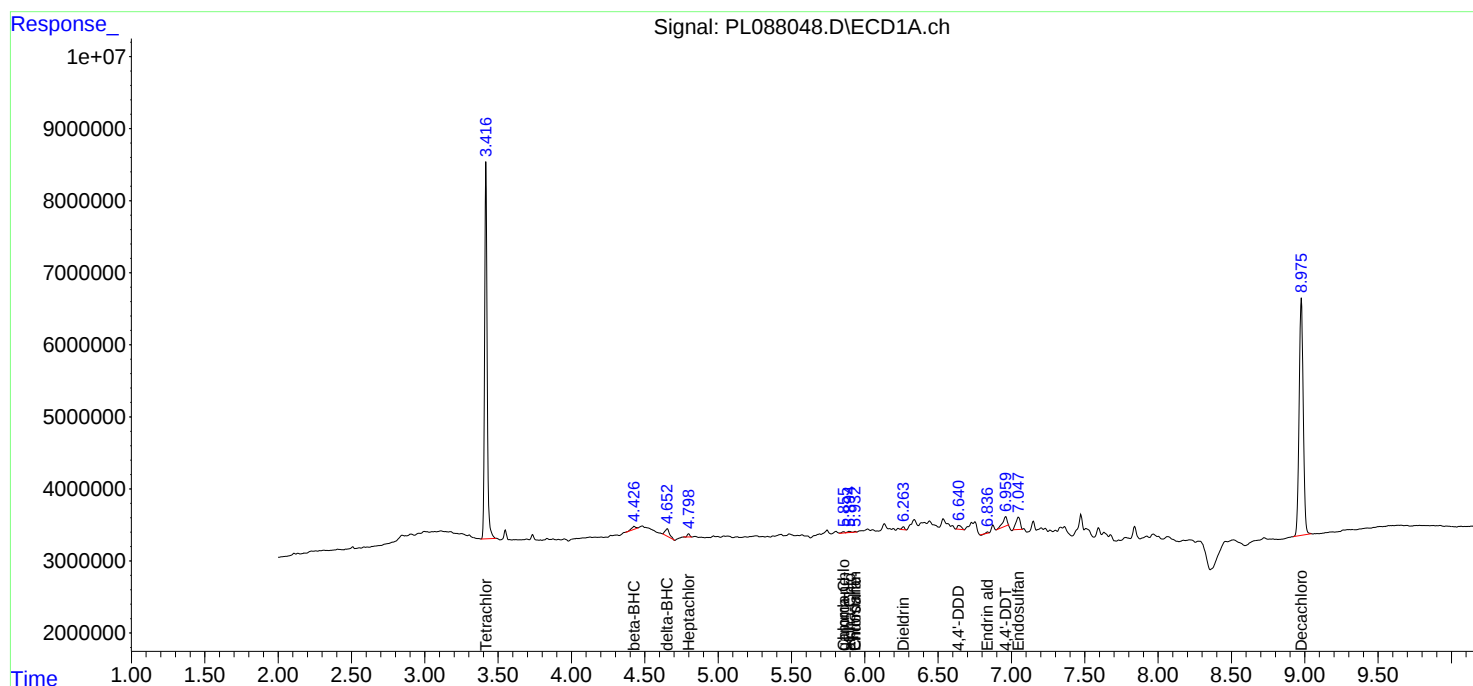
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

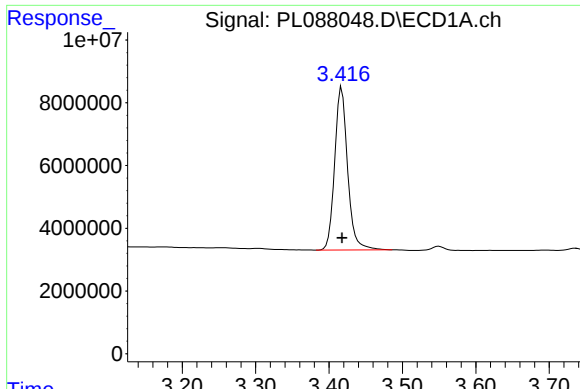
Manual Integrations
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Supervised By : Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 04:11:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





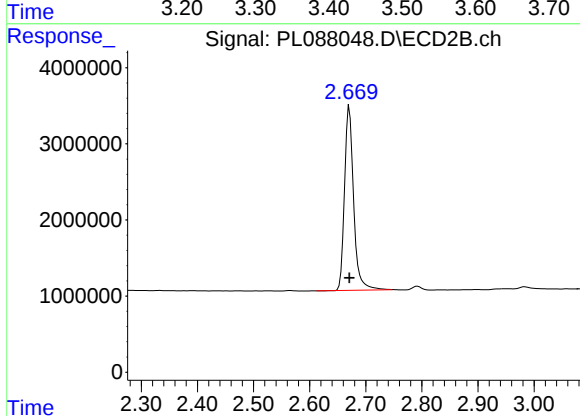
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 63684324
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

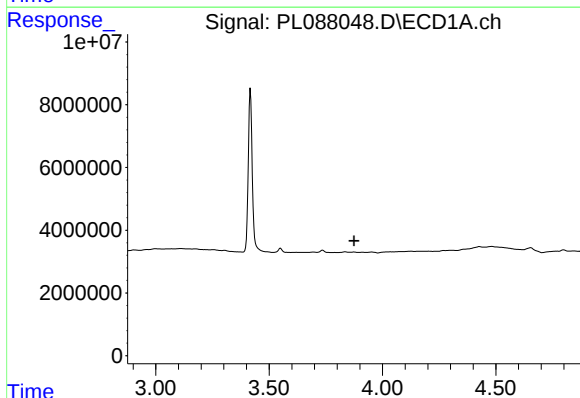
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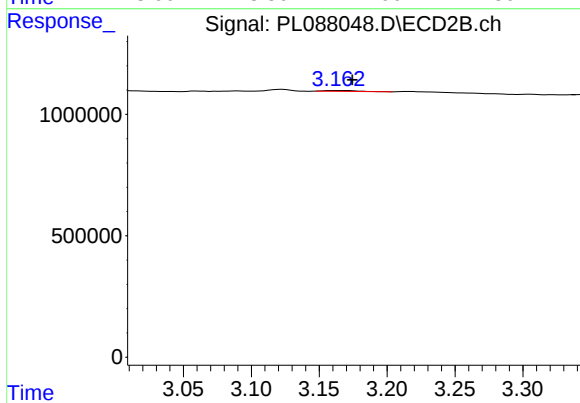
#1 Tetrachloro-m-xylene

R.T.: 2.671 min
Delta R.T.: 0.000 min
Response: 27309241
Conc: 22.00 ng/ml



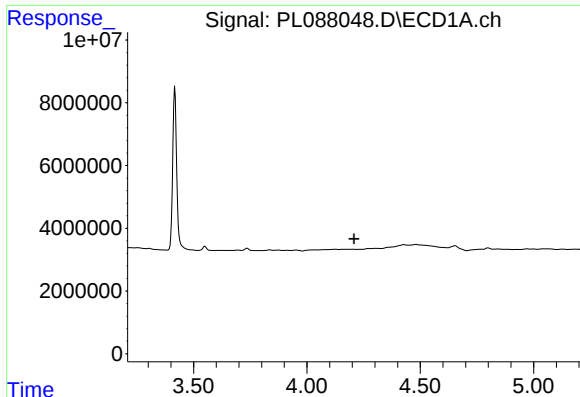
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.011 min
Response: 62429
Conc: 0.03 ng/ml



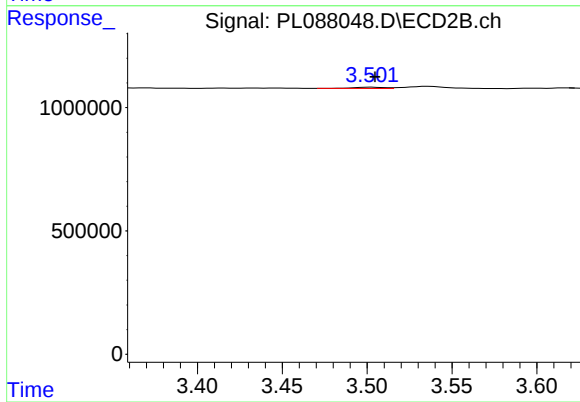
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.208 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

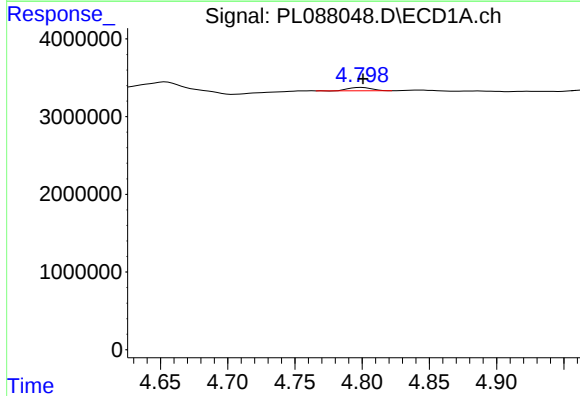
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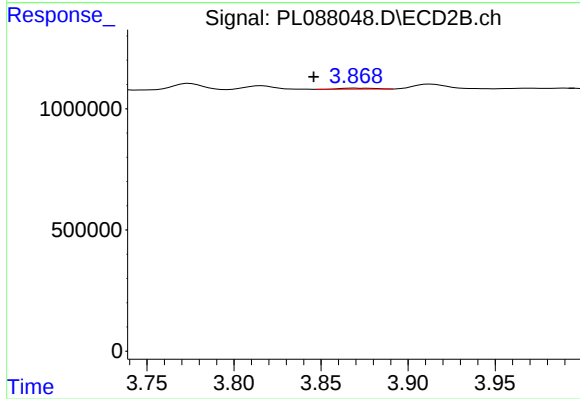
#3 gamma-BHC (Lindane)

R.T.: 3.503 min
Delta R.T.: -0.002 min
Response: 68892
Conc: 0.04 ng/ml



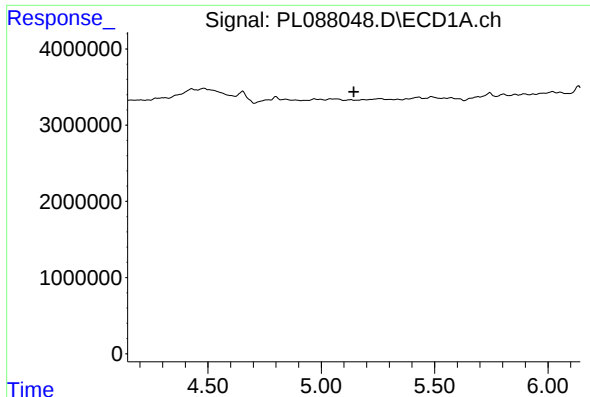
#4 Heptachlor

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 524278
Conc: 0.13 ng/ml



#4 Heptachlor

R.T.: 3.870 min
Delta R.T.: 0.024 min
Response: 51345
Conc: 0.03 ng/ml



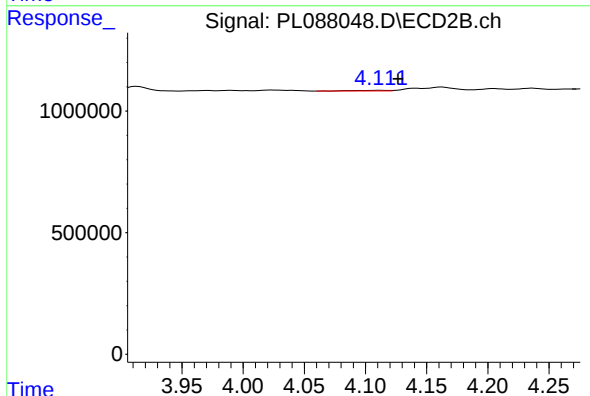
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

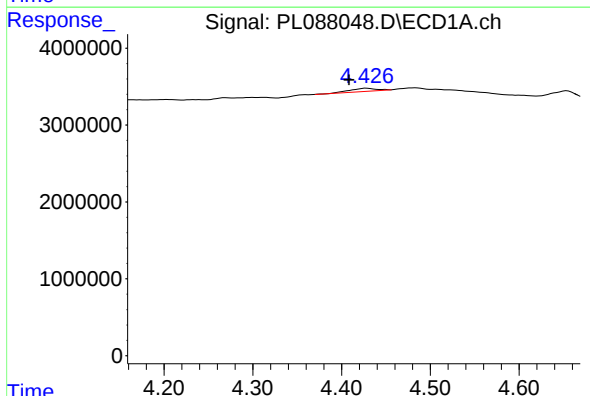
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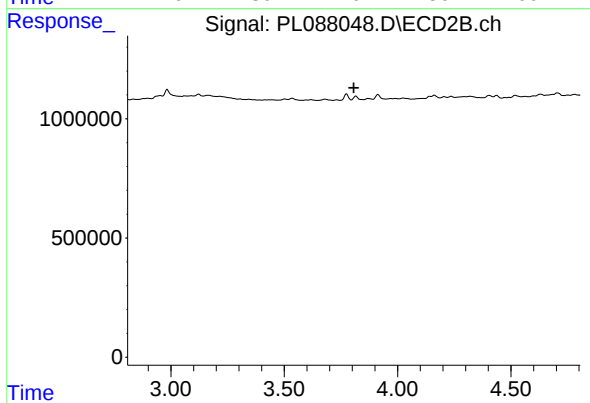
#5 Aldrin

R.T.: 4.112 min
Delta R.T.: -0.014 min
Response: 58071
Conc: 0.03 ng/ml



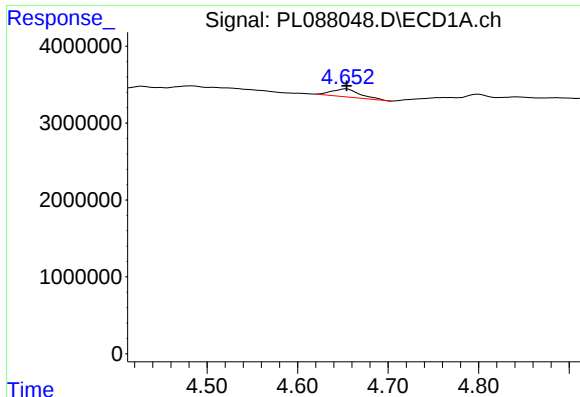
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.020 min
Response: 803783
Conc: 0.44 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: 0.009 min
Response: -116438
Conc: N.D.



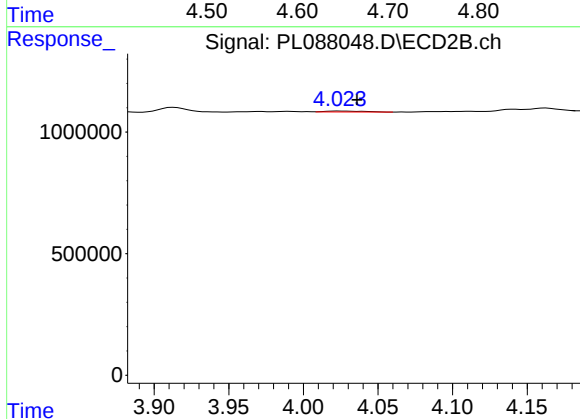
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 2252553
Conc: 0.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

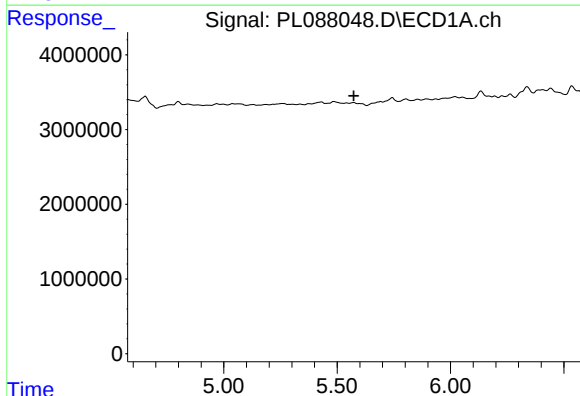
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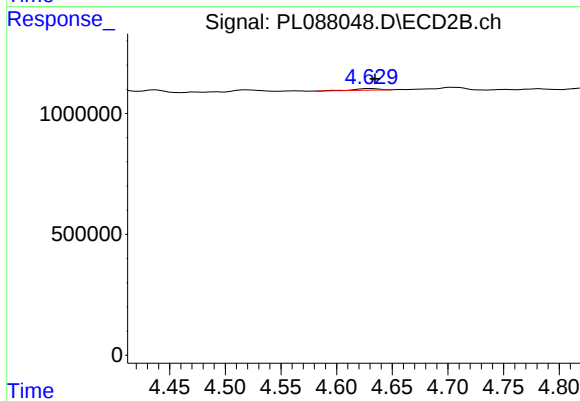
#7 delta-BHC

R.T.: 4.024 min
Delta R.T.: -0.012 min
Response: 71946
Conc: 0.04 ng/ml



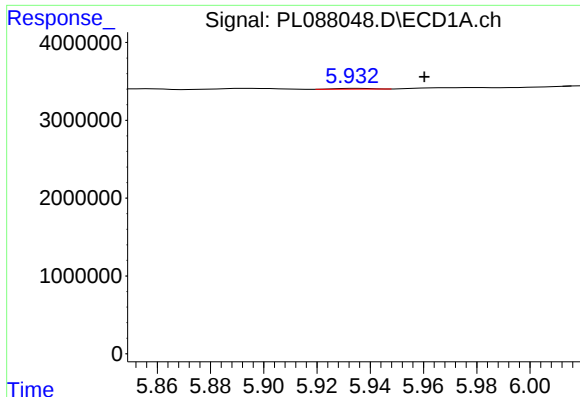
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.573 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.630 min
Delta R.T.: -0.005 min
Response: 112265
Conc: 0.07 ng/ml



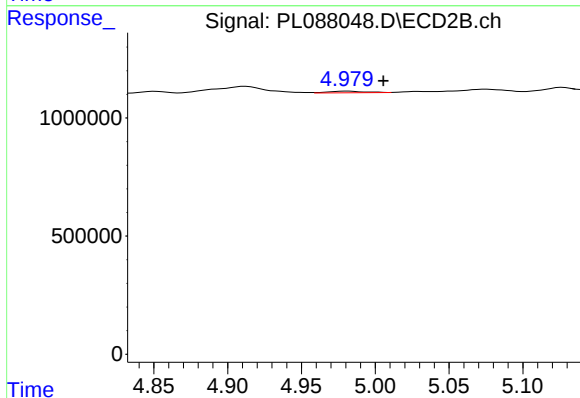
#9 Endosulfan I

R.T.: 5.935 min
Delta R.T.: -0.026 min
Response: 87095
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

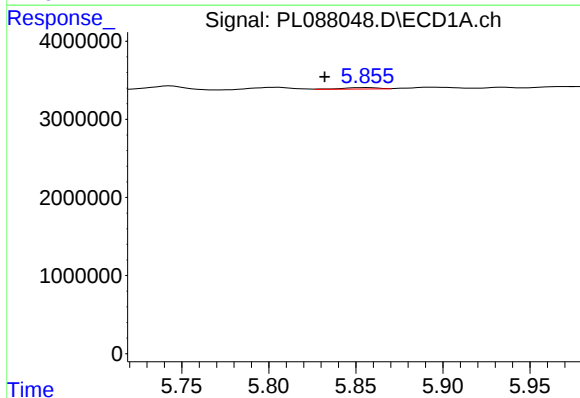
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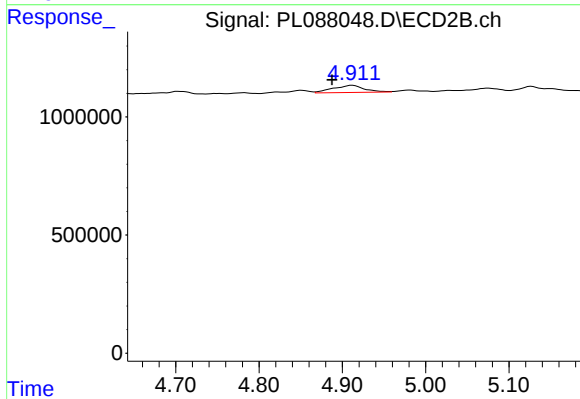
#9 Endosulfan I

R.T.: 4.981 min
Delta R.T.: -0.024 min
Response: 109560
Conc: 0.08 ng/ml



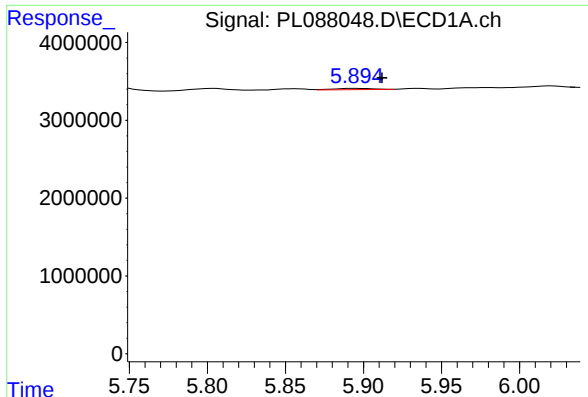
#10 gamma-Chlordane

R.T.: 5.856 min
Delta R.T.: 0.024 min
Response: 277464
Conc: 0.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.912 min
Delta R.T.: 0.025 min
Response: 784634
Conc: 0.51 ng/ml



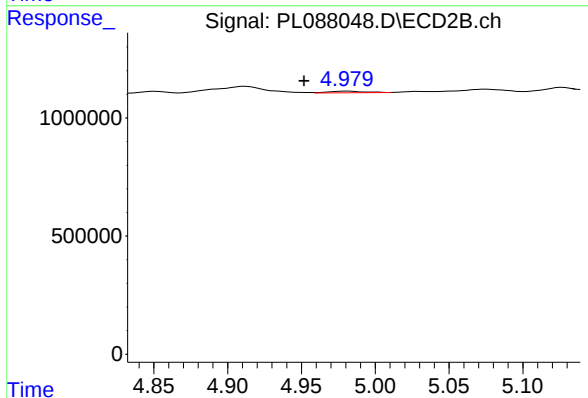
#11 alpha-Chlordane

R.T.: 5.895 min
Delta R.T.: -0.017 min
Response: 288117
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

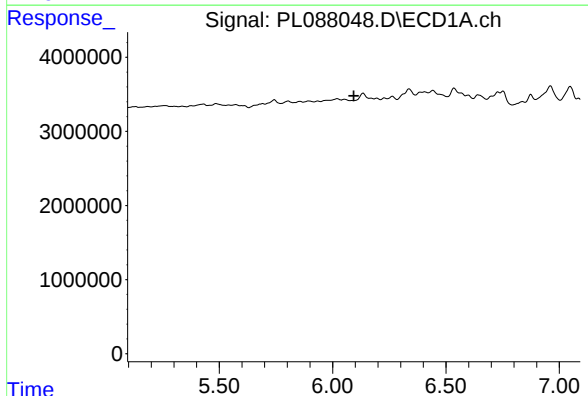
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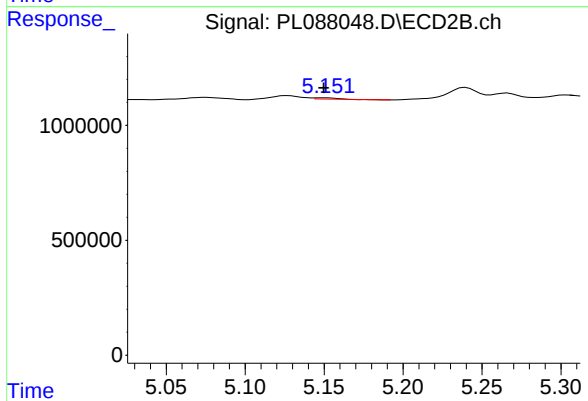
#11 alpha-Chlordane

R.T.: 4.981 min
Delta R.T.: 0.029 min
Response: 109560
Conc: 0.07 ng/ml



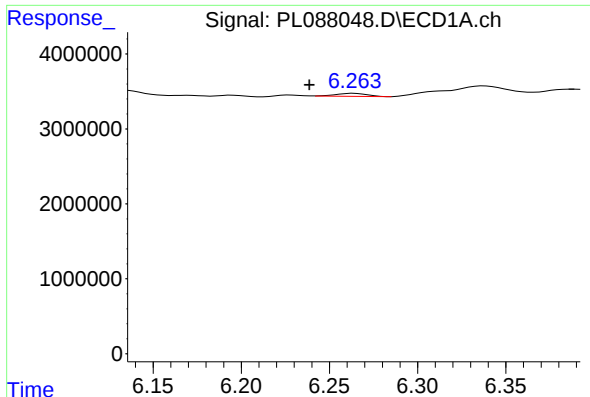
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.094 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: 0.001 min
Response: 54050
Conc: 0.04 ng/ml



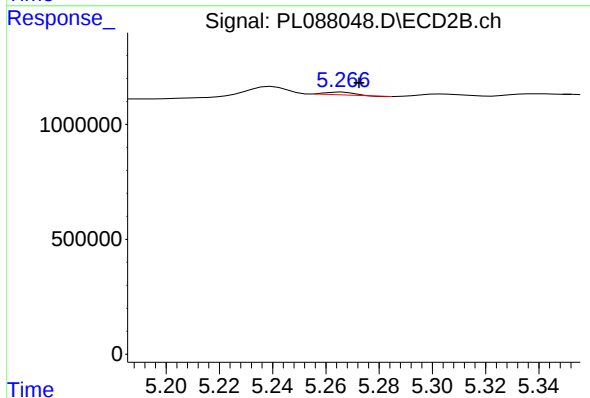
#13 Dieldrin

R.T.: 6.264 min
Delta R.T.: 0.025 min
Response: 500709
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
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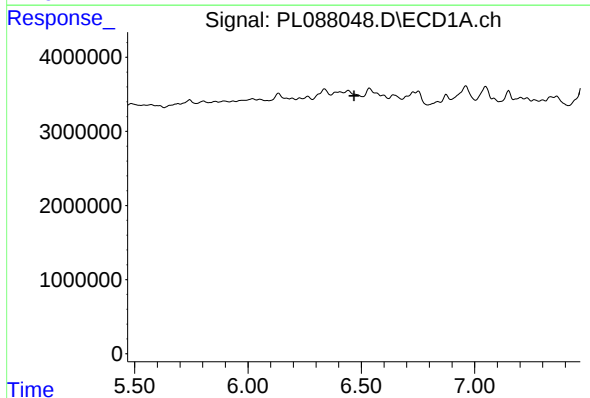
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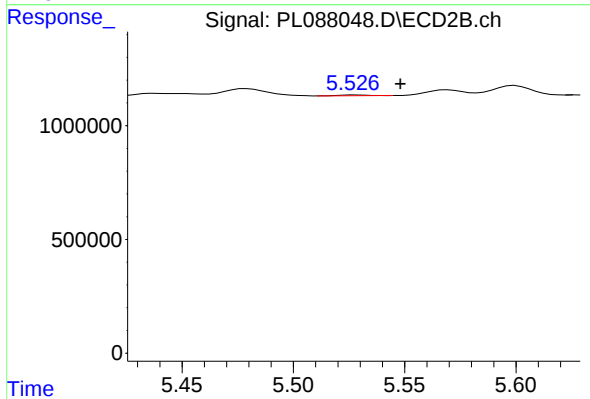
#13 Dieldrin

R.T.: 5.266 min
Delta R.T.: -0.007 min
Response: 88470
Conc: 0.06 ng/ml



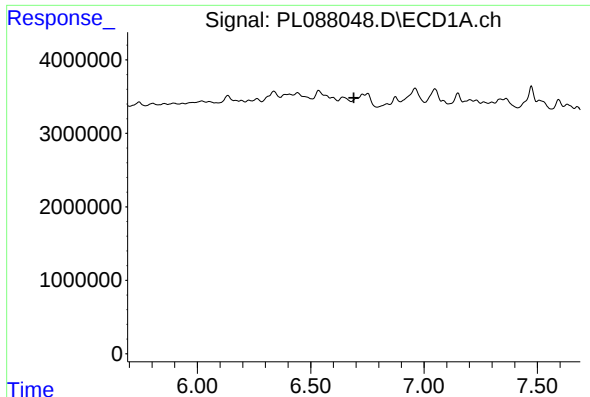
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.468 min
Response: 0
Conc: N.D.



#14 Endrin

R.T.: 5.528 min
Delta R.T.: -0.020 min
Response: 32922
Conc: 0.02 ng/ml



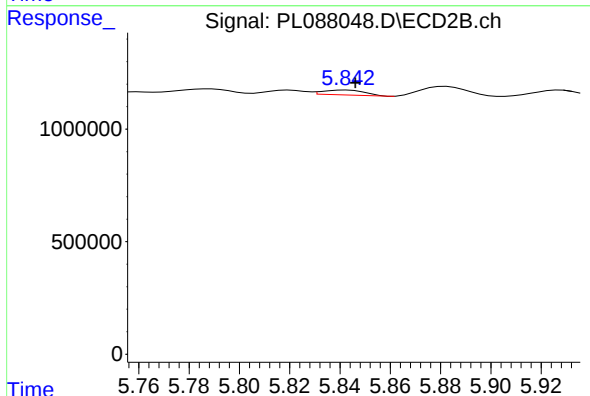
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

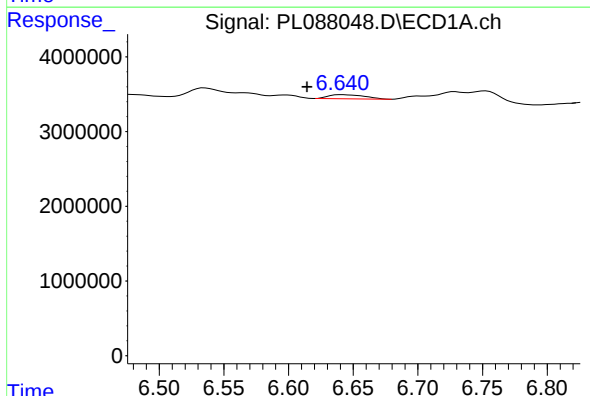
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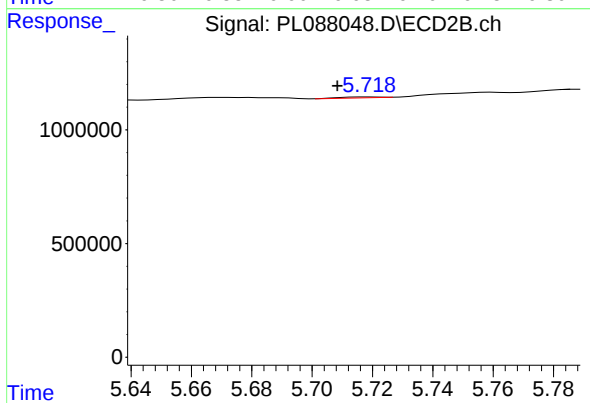
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 251493
Conc: 0.19 ng/ml



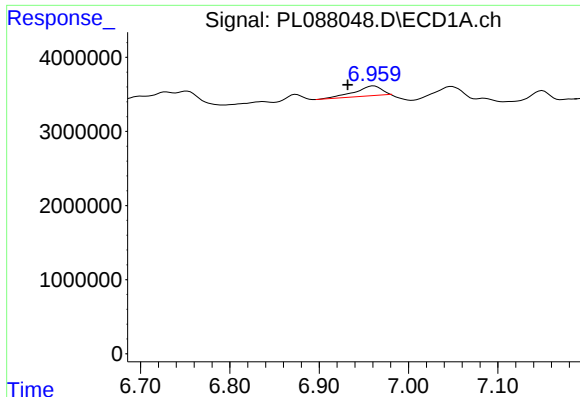
#16 4,4'-DDD

R.T.: 6.642 min
Delta R.T.: 0.027 min
Response: 1051827
Conc: 0.44 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.011 min
Response: 34538
Conc: 0.03 ng/ml



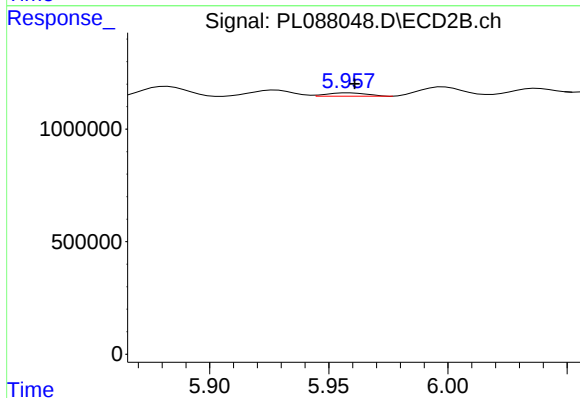
#17 4,4'-DDT

R.T.: 6.961 min
Delta R.T.: 0.029 min
Response: 2859874
Conc: 1.04 ng/ml

Instrument :
ECD_L
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#17 4,4'-DDT

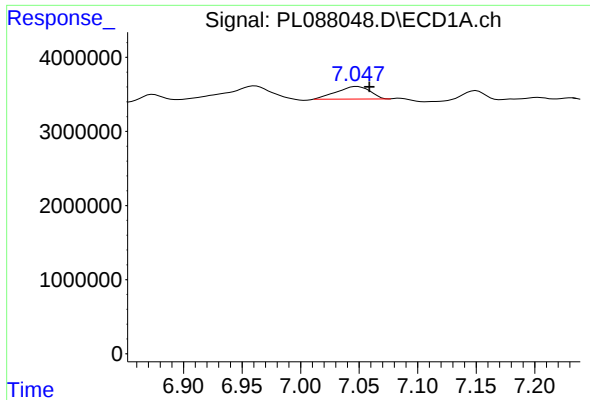
R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 173598
Conc: 0.15 ng/ml

#18 Endrin aldehyde

R.T.: 6.838 min
Delta R.T.: 0.016 min
Response: 93207
Conc: 0.04 ng/ml

#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: 0.009 min
Response: 485663
Conc: 0.48 ng/ml



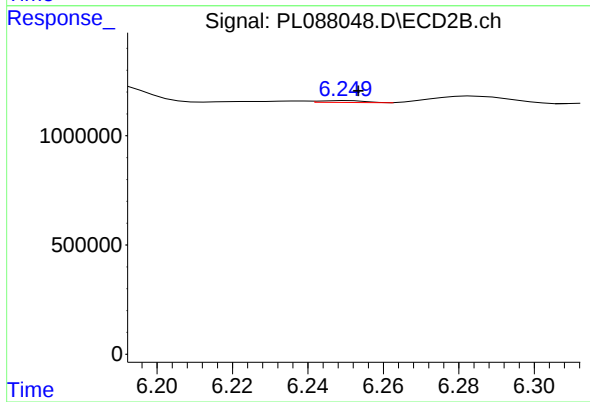
#19 Endosulfan Sulfate

R.T.: 7.048 min
Delta R.T.: -0.010 min
Response: 3398600
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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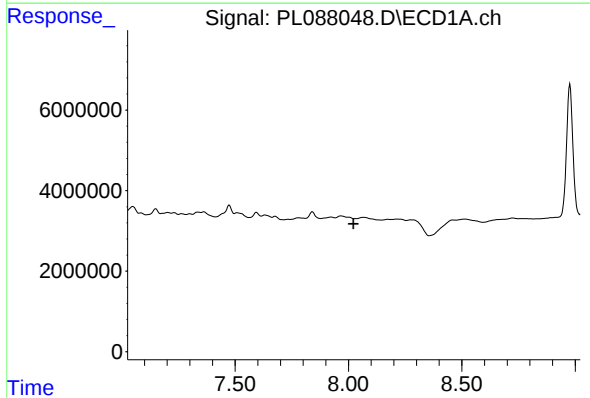
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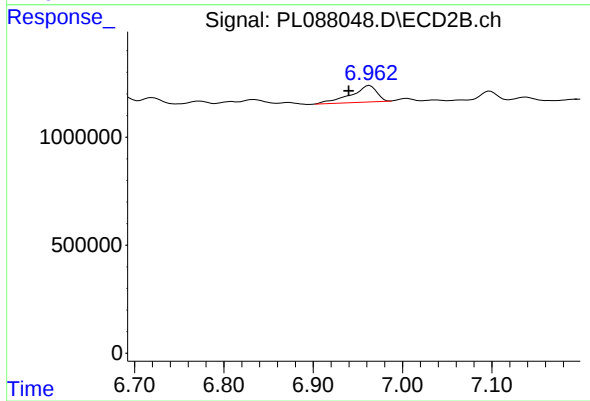
#19 Endosulfan Sulfate

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 69856
Conc: 0.06 ng/ml



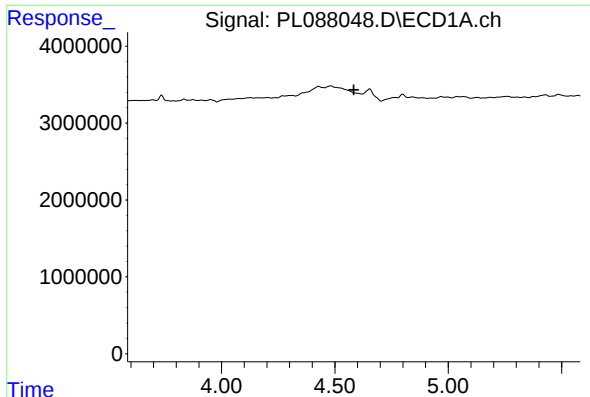
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.022 min
Response: 0
Conc: N.D.



#22 Mirex

R.T.: 6.963 min
Delta R.T.: 0.023 min
Response: 1531512
Conc: 1.19 ng/ml



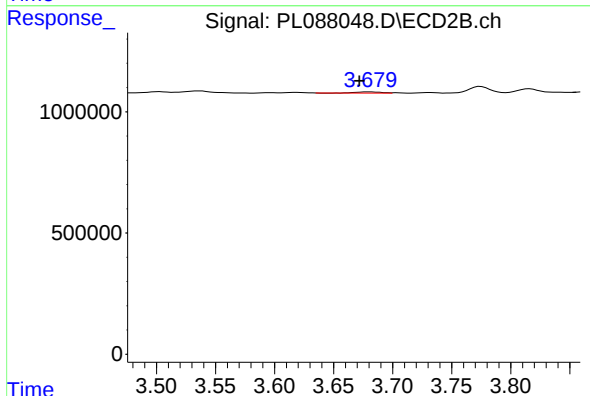
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.584 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

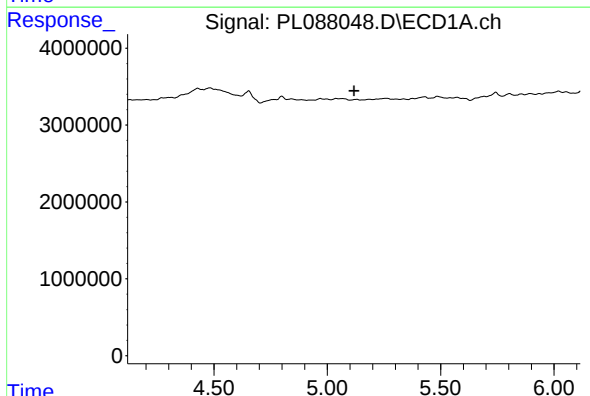
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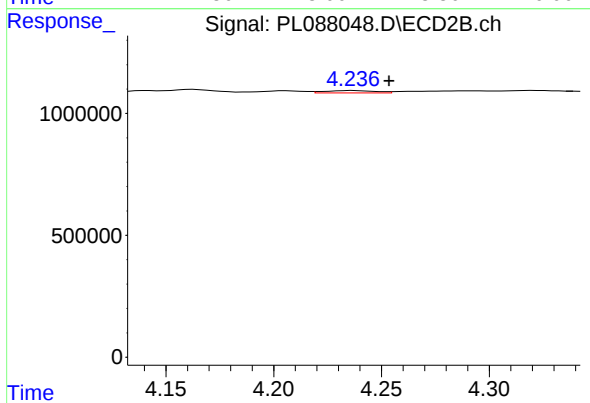
#23 Chlordane-1

R.T.: 3.680 min
Delta R.T.: 0.008 min
Response: 63193
Conc: 1.37 ng/ml



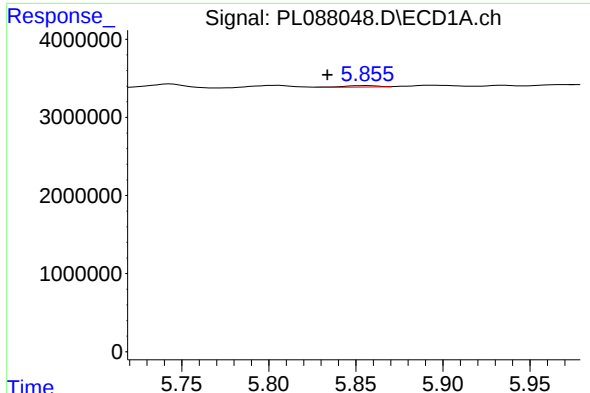
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.118 min
Response: 0
Conc: N.D.



#24 Chlordane-2

R.T.: 4.237 min
Delta R.T.: -0.017 min
Response: 160657
Conc: 2.67 ng/ml



#25 Chlordane-3

R.T.: 5.856 min
Delta R.T.: 0.023 min
Response: 277464
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations
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#25 Chlordane-3

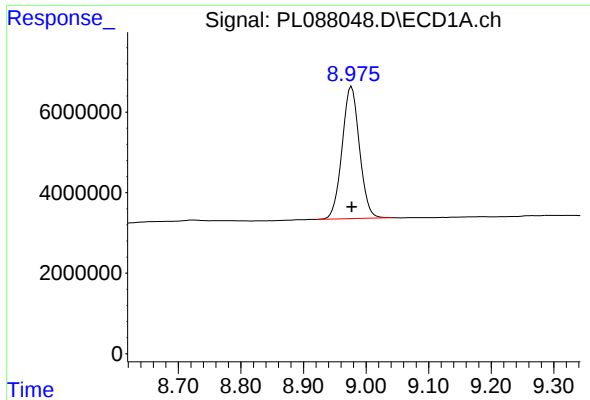
R.T.: 4.912 min
Delta R.T.: 0.024 min
Response: 784634
Conc: 4.97 ng/ml

#26 Chlordane-4

R.T.: 5.935 min
Delta R.T.: 0.018 min
Response: 87095
Conc: 0.13 ng/ml

#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 4.950 min
Response: 0
Conc: N.D.



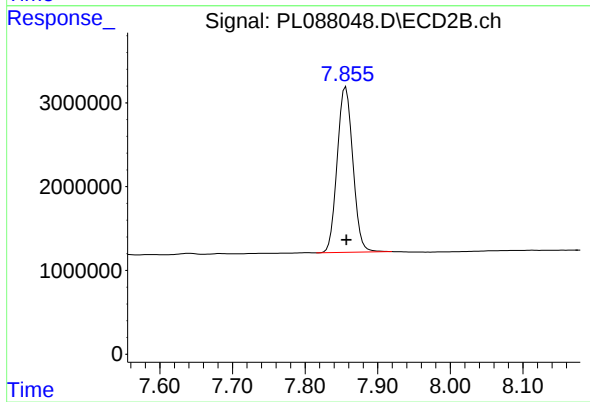
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 63509398
Conc: 23.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.856 min
Delta R.T.: 0.000 min
Response: 29626201
Conc: 24.36 ng/ml