

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
 Data File : PL089505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 14:15
 Operator : AR\AJ
 Sample : P2403-03
 Misc : TOX MDL 50PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:24:24 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...	3.556	2.797	38914644	24995948	19.325	19.482
28)	SA Decachlor...	9.070	7.947	27559978	26548919	19.700	19.736
Target Compounds							
2)	A alpha-BHC	4.012	3.299	251767	112815	0.088	0.060 #
3)	MA gamma-BHC...	0.000	3.627	0	46966	N.D.	0.025 #
4)	MA Heptachlor	4.922	0.000	309700	0	0.125	N.D. #
5)	MB Aldrin	5.261	4.264	232017	32812	0.090	0.019 #
6)	B beta-BHC	4.506f	3.926	215755	57996	0.171	0.071 #
7)	B delta-BHC	4.781	4.148	575136	109799	0.217	0.061 #
8)	B Heptachlo...	5.698	4.753	966459	125583	0.412	0.078 #
9)	A Endosulfan I	6.089	5.146f	172744	356	0.080	0.000 #
10)	B gamma-Chl...	5.929f	5.034f	1143479	794974	0.500	0.484
11)	B alpha-Chl...	6.013f	0.000	513194	0	0.226	N.D. #
12)	B 4,4'-DDE	6.178f	5.250	551803	365919	0.273	0.252
13)	MA Dieldrin	6.350	5.387	184115	-39474	0.082	N.D. #
14)	MA Endrin	6.564f	5.651f	718324	18002	0.379	0.013 #
15)	B Endosulfa...	6.773f	5.962	855282	318212	0.429	0.221 #
16)	A 4,4'-DDD	6.718	5.797f	282548	177230	0.167	0.144
17)	MA 4,4'-DDT	0.000	6.074	0	298721	N.D.	0.221 #
18)	B Endrin al...	6.952f	6.151	-60020	196069	N.D.	0.176
19)	B Endosulfa...	7.163	6.364	2804385	88903	1.550	0.064 #
20)	A Methoxychlor	7.475f	6.632	327479	894735	0.333	1.119 #
21)	B Endrin ke...	7.633f	6.887f	807916	35611	0.404	0.022 #
22)	Mirex	8.106f	7.074f	47019	1463553	0.030	1.073 #
23)	Chlordane-1	0.000	3.802	0	22834	N.D.	0.464 #
24)	Chlordane-2	5.261f	4.398f	232017	92436	2.208	1.453 #
25)	Chlordane-3	5.929f	5.034f	1143479	794974	3.462	4.643 #
26)	Chlordane-4	6.013f	5.103f	513194	100163	1.259	0.623 #
27)	Chlordane-5	6.871	5.750	1217708	88203	14.632	1.723 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
Data File : PL089505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2024 14:15
Operator : AR\AJ
Sample : P2403-03
Misc : TOX MDL 50PPB
ALS Vial : 11 Sample Multiplier: 1

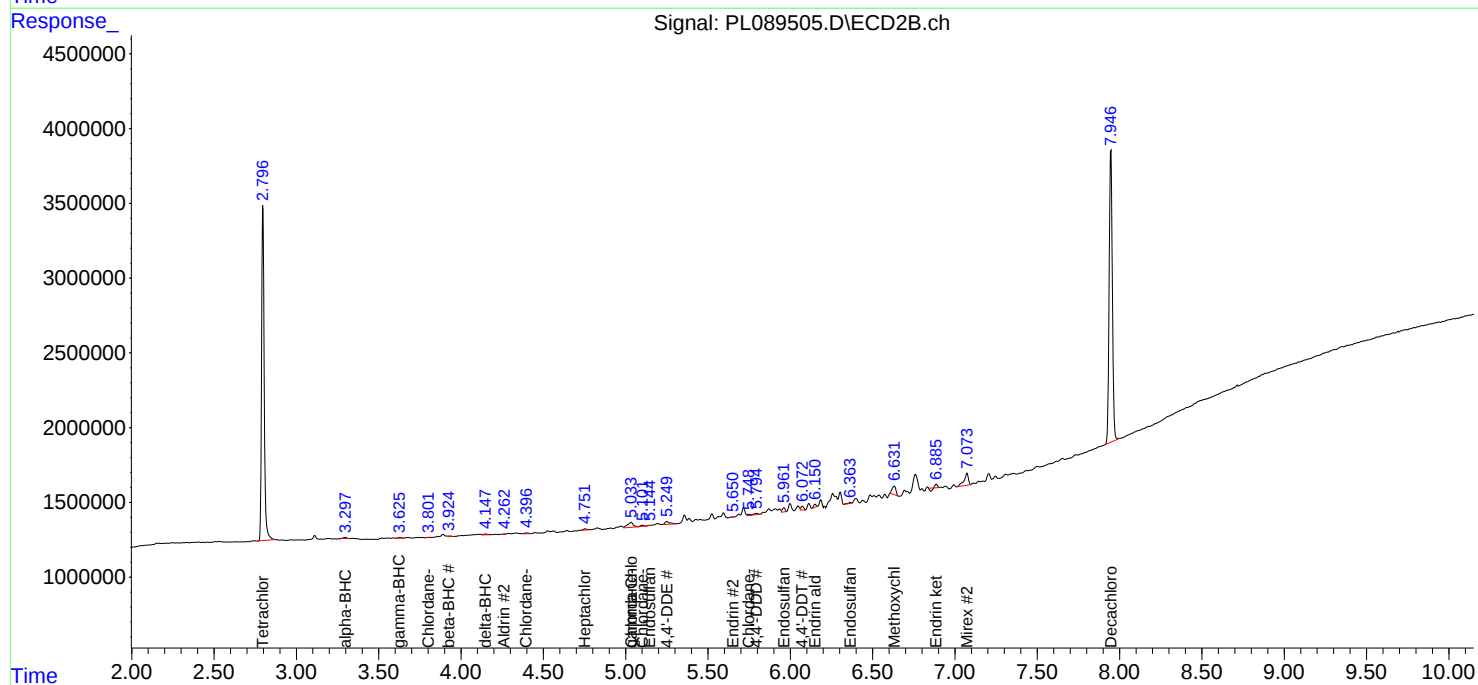
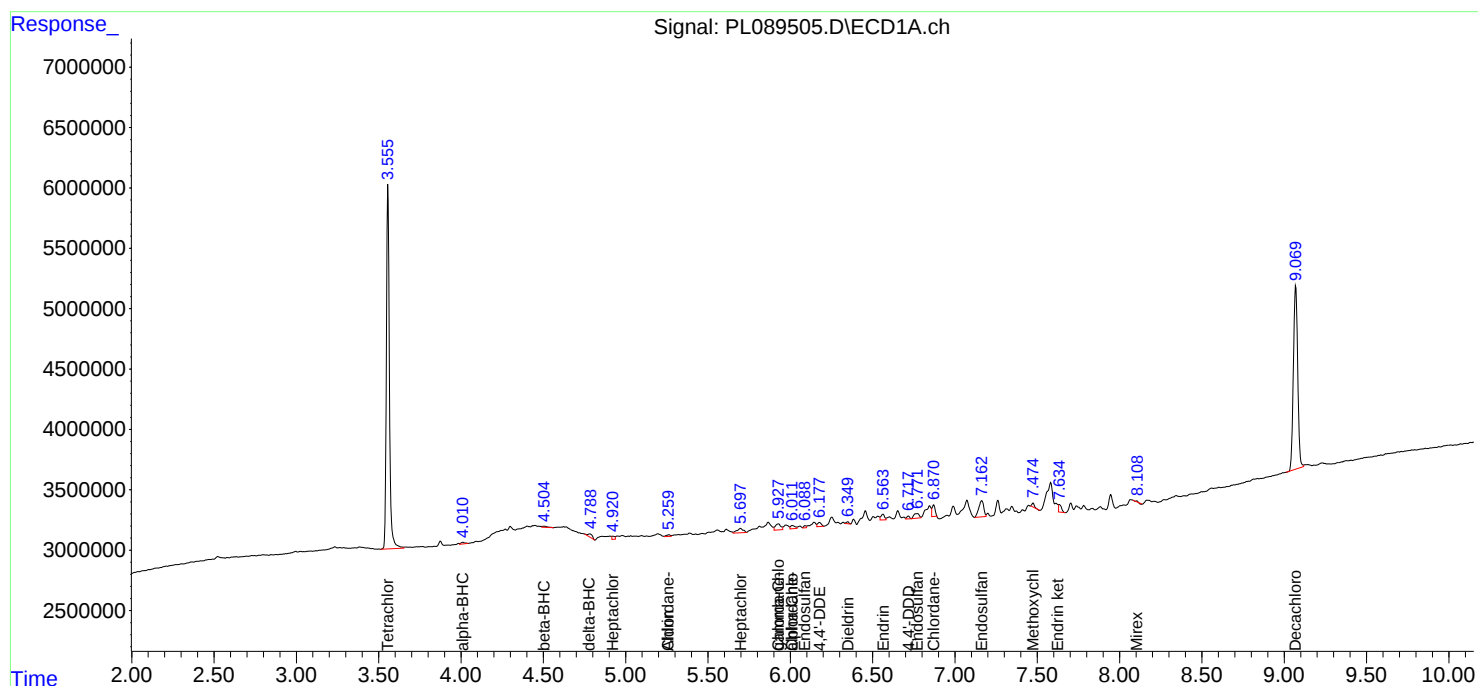
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

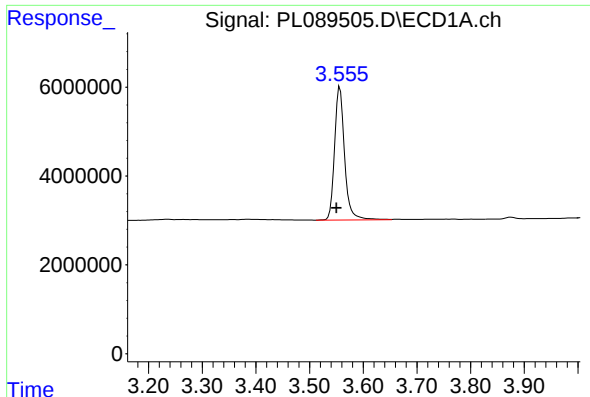
Manual Integrations
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Supervised By :Ankita Jodhani 05/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:24:24 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





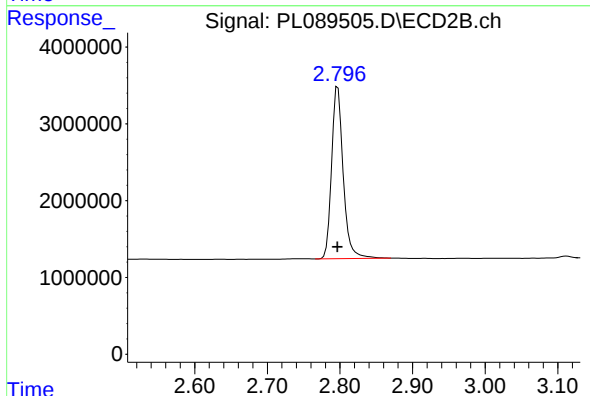
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 38914644
Conc: 19.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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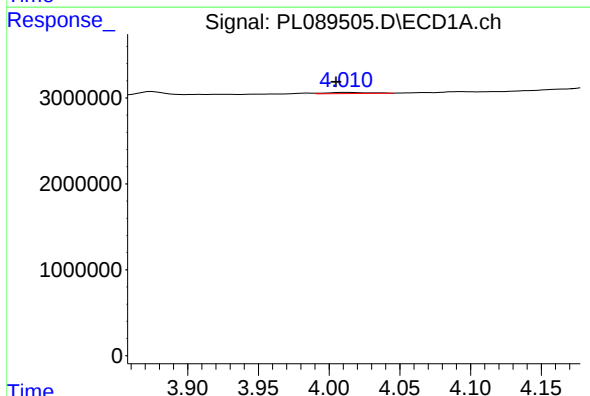
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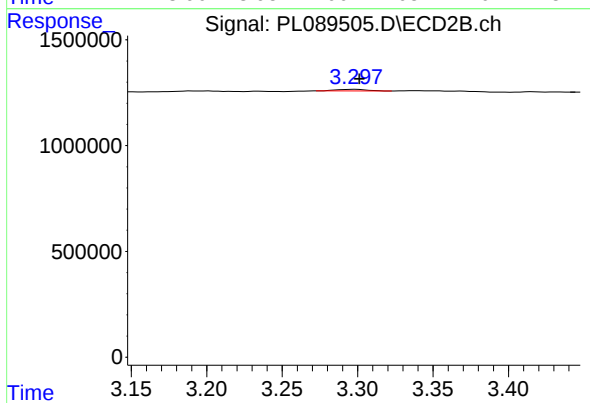
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 24995948
Conc: 19.48 ng/ml



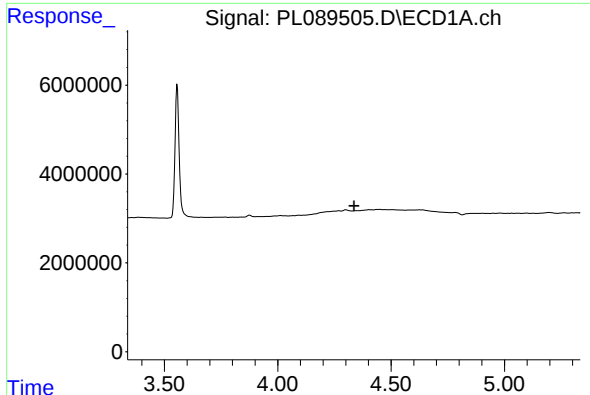
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.007 min
Response: 251767
Conc: 0.09 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.003 min
Response: 112815
Conc: 0.06 ng/ml



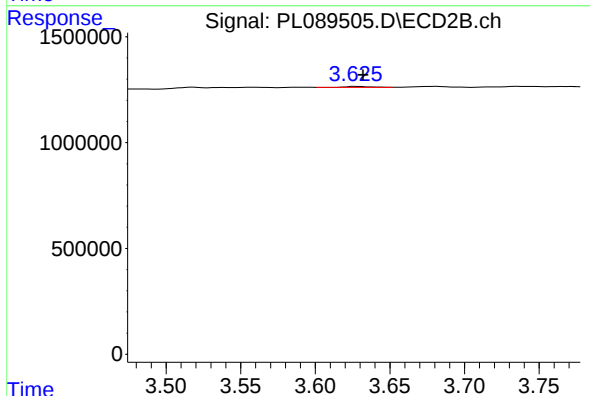
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.337 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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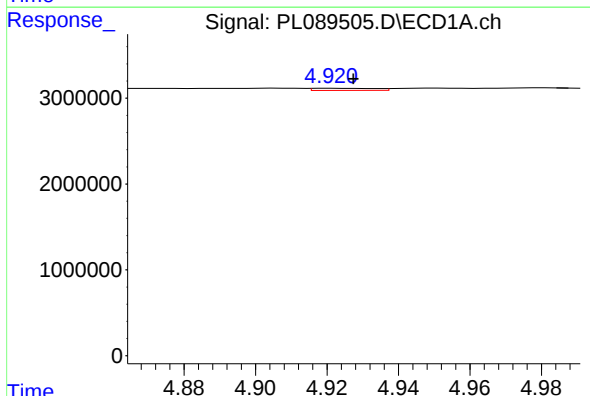
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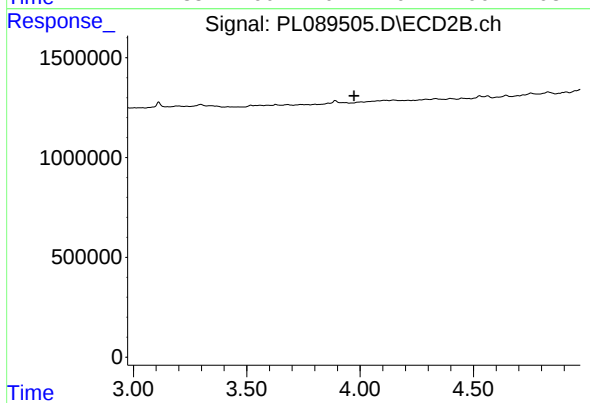
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.005 min
Response: 46966
Conc: 0.03 ng/ml



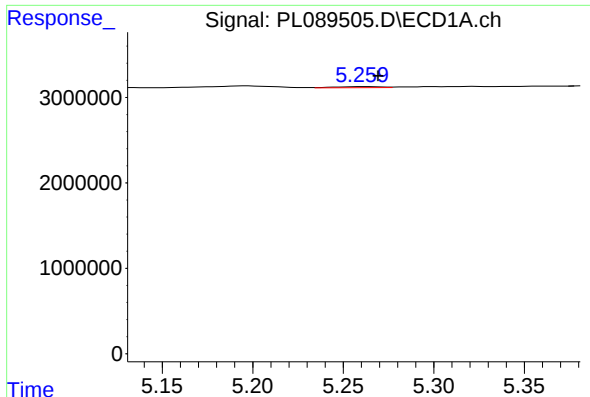
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.005 min
Response: 309700
Conc: 0.12 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 3.974 min
Response: 0
Conc: N.D.



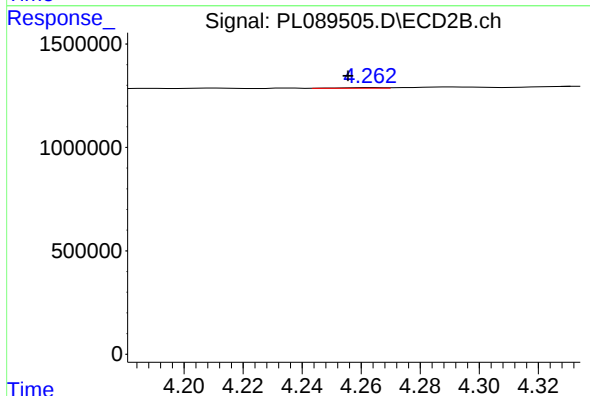
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.008 min
Response: 232017
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

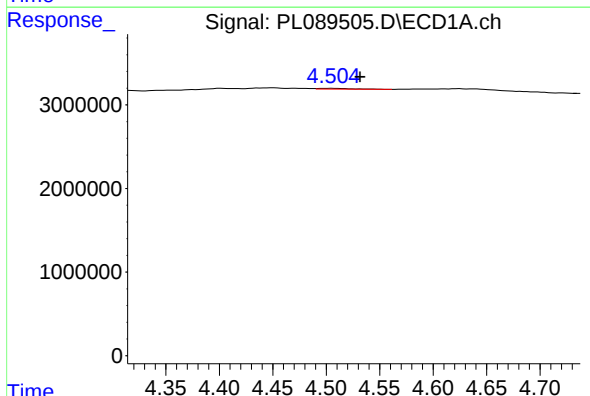
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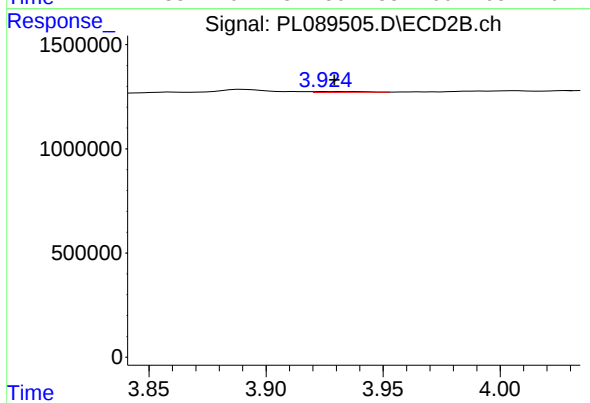
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.008 min
Response: 32812
Conc: 0.02 ng/ml



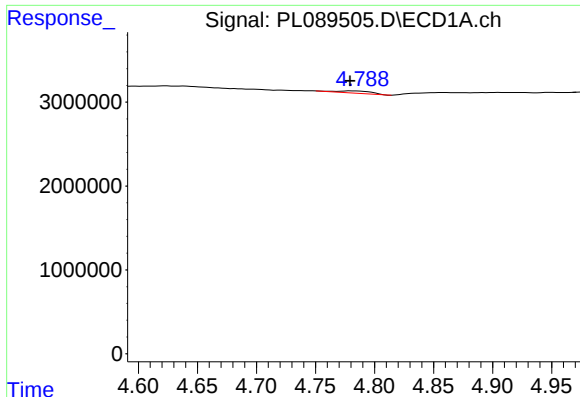
#6 beta-BHC

R.T.: 4.506 min
Delta R.T.: -0.026 min
Response: 215755
Conc: 0.17 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 57996
Conc: 0.07 ng/ml



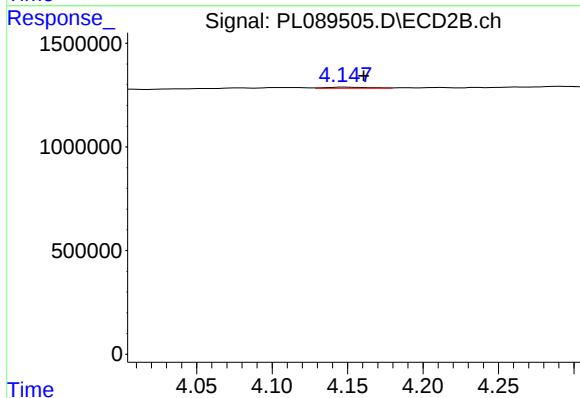
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 575136
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

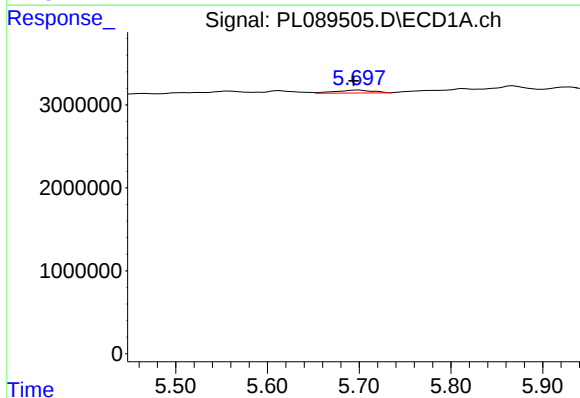
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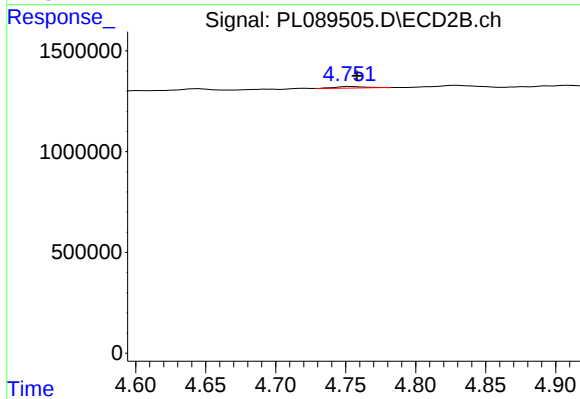
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.013 min
Response: 109799
Conc: 0.06 ng/ml



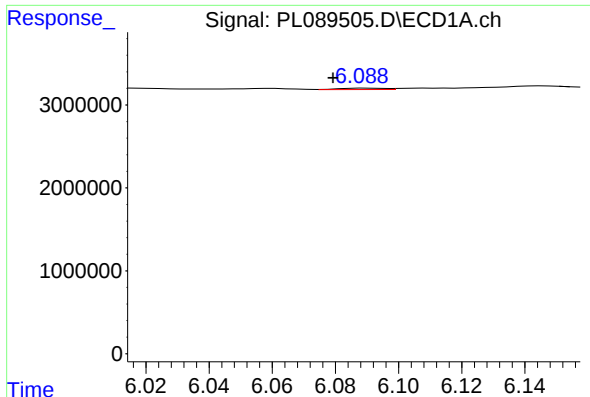
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.004 min
Response: 966459
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.753 min
Delta R.T.: -0.005 min
Response: 125583
Conc: 0.08 ng/ml



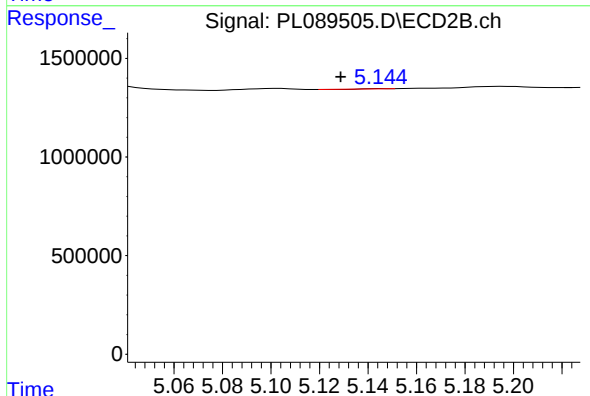
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.010 min
Response: 172744
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

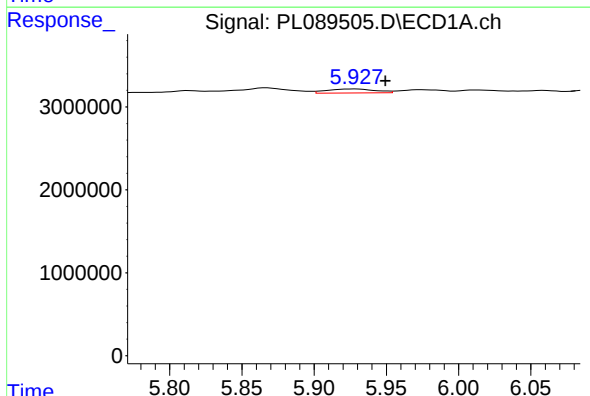
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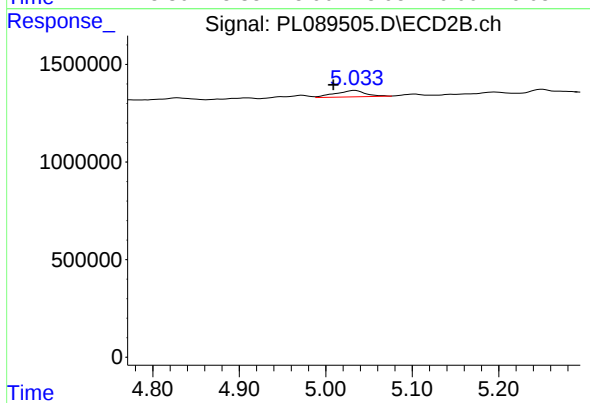
#9 Endosulfan I

R.T.: 5.146 min
Delta R.T.: 0.017 min
Response: 356
Conc: 0.00 ng/ml



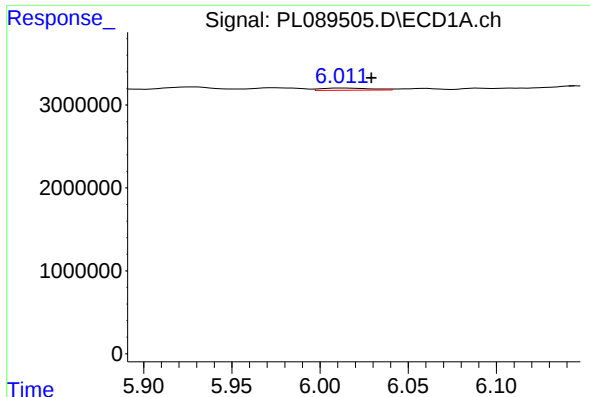
#10 gamma-Chlordane

R.T.: 5.929 min
Delta R.T.: -0.021 min
Response: 1143479
Conc: 0.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.025 min
Response: 794974
Conc: 0.48 ng/ml



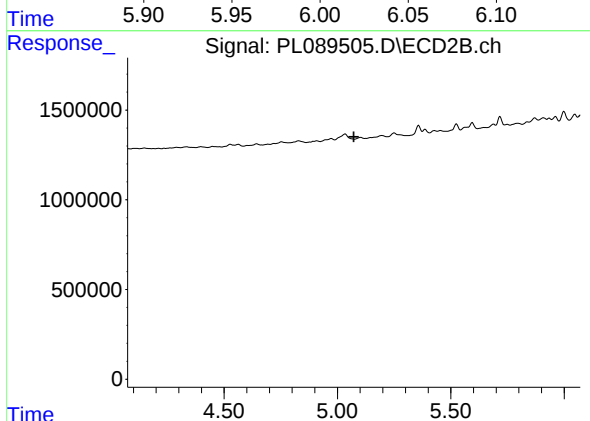
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.016 min
Response: 513194
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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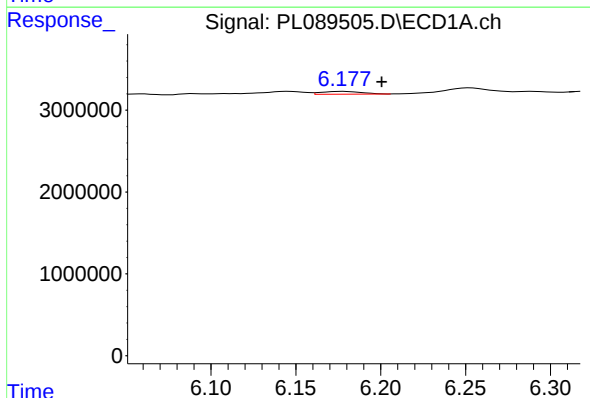
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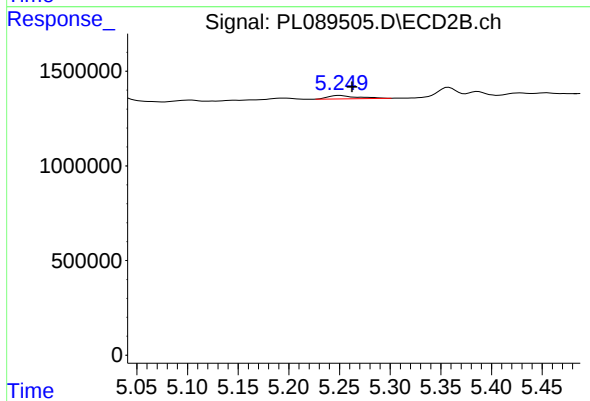
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.073 min
Response: 0
Conc: N.D.



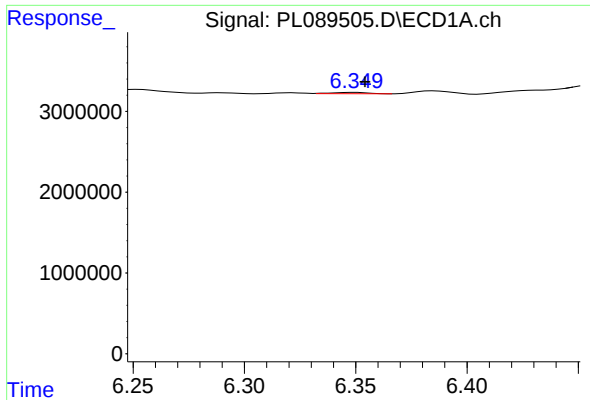
#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: -0.022 min
Response: 551803
Conc: 0.27 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.012 min
Response: 365919
Conc: 0.25 ng/ml



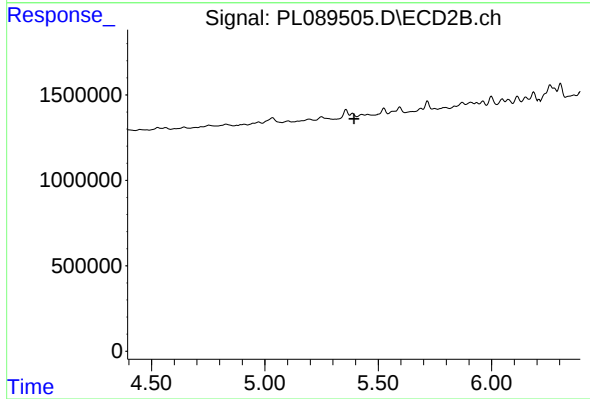
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 184115
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

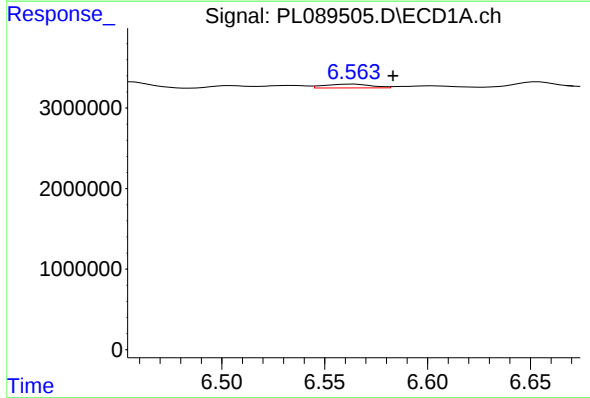
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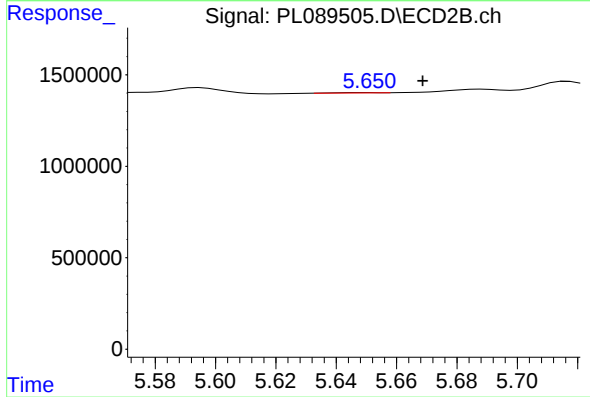
#13 Dieldrin

R.T.: 5.387 min
Delta R.T.: -0.007 min
Response: -39474
Conc: N.D.



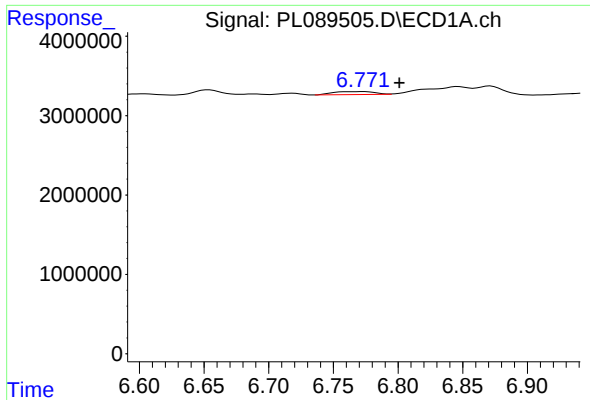
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.019 min
Response: 718324
Conc: 0.38 ng/ml



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.017 min
Response: 18002
Conc: 0.01 ng/ml



#15 Endosulfan II

R.T.: 6.773 min
Delta R.T.: -0.028 min
Response: 855282
Conc: 0.43 ng/ml

Instrument :
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ClientSampleId :
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#15 Endosulfan II

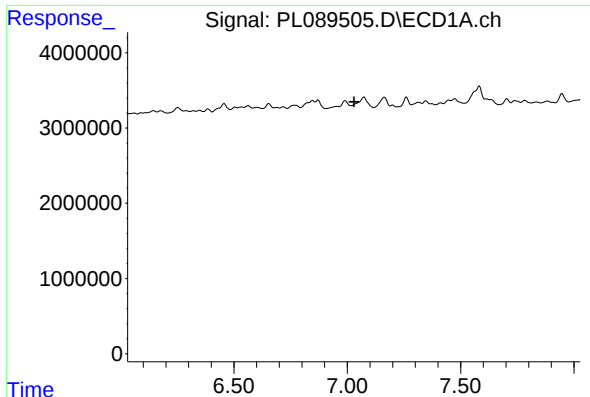
R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 318212
Conc: 0.22 ng/ml

#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 282548
Conc: 0.17 ng/ml

#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.019 min
Response: 177230
Conc: 0.14 ng/ml



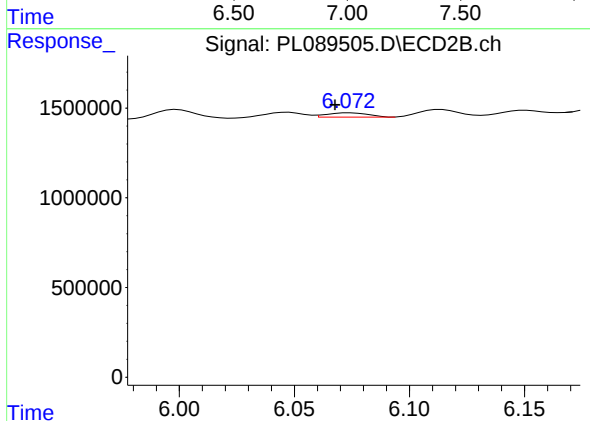
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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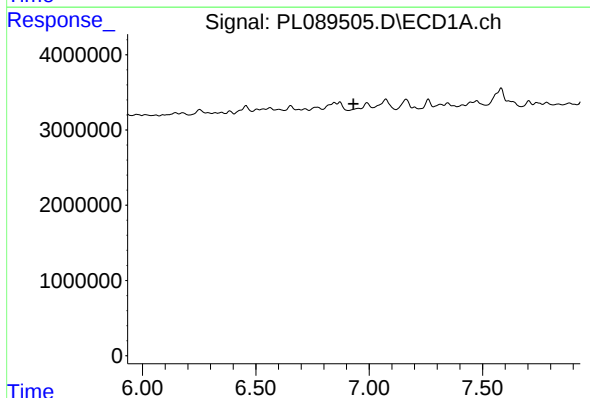
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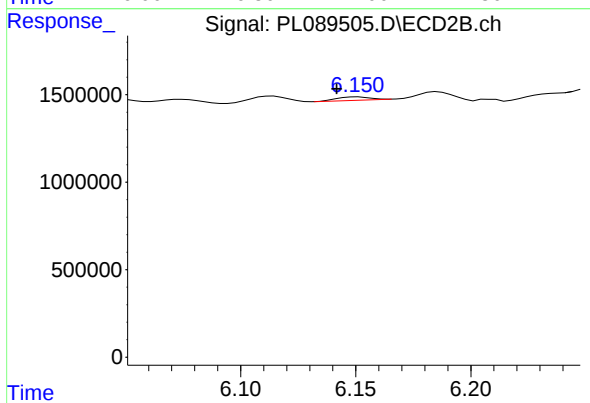
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: 0.006 min
Response: 298721
Conc: 0.22 ng/ml



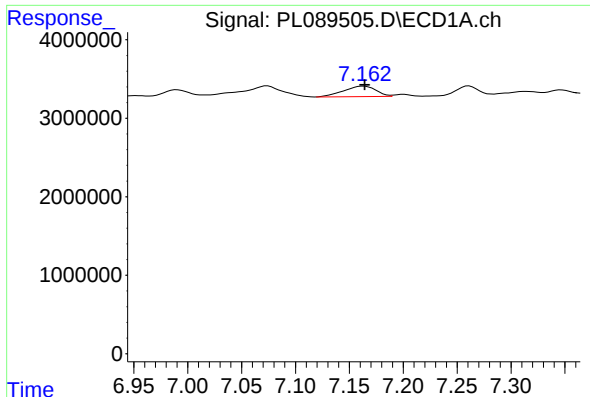
#18 Endrin aldehyde

R.T.: 6.952 min
Delta R.T.: 0.021 min
Response: -60020
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.151 min
Delta R.T.: 0.009 min
Response: 196069
Conc: 0.18 ng/ml



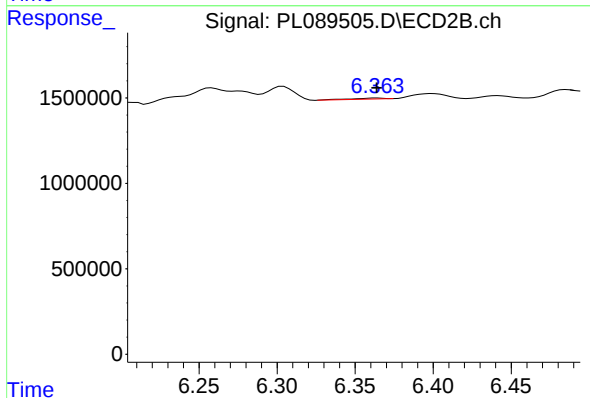
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 2804385
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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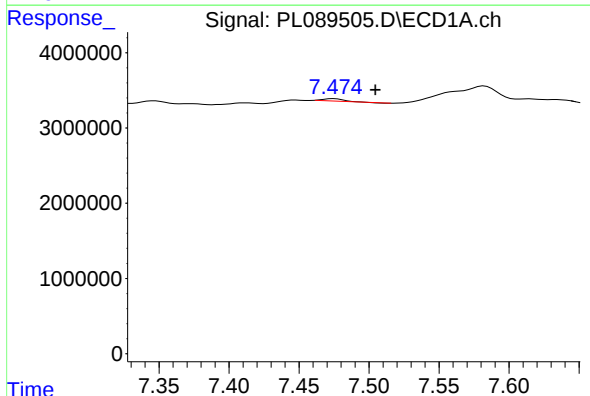
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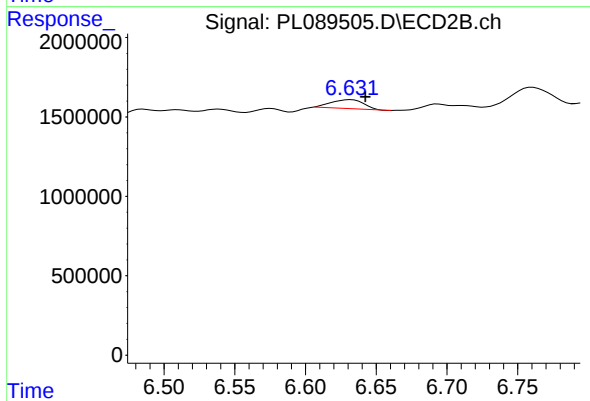
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 88903
Conc: 0.06 ng/ml



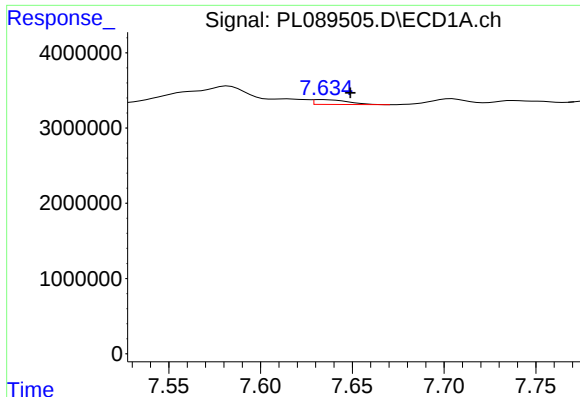
#20 Methoxychlor

R.T.: 7.475 min
Delta R.T.: -0.030 min
Response: 327479
Conc: 0.33 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 894735
Conc: 1.12 ng/ml



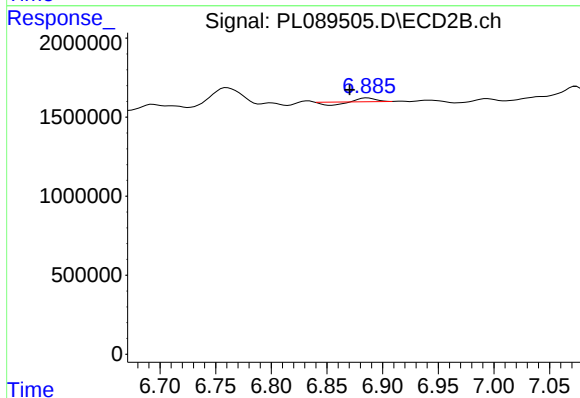
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: -0.016 min
Response: 807916
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
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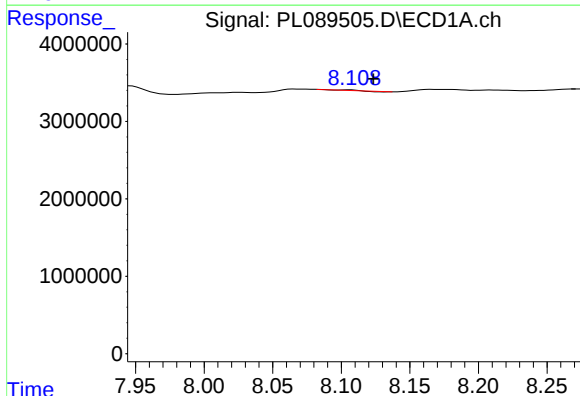
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Supervised By :Ankita Jodhani 05/14/2024



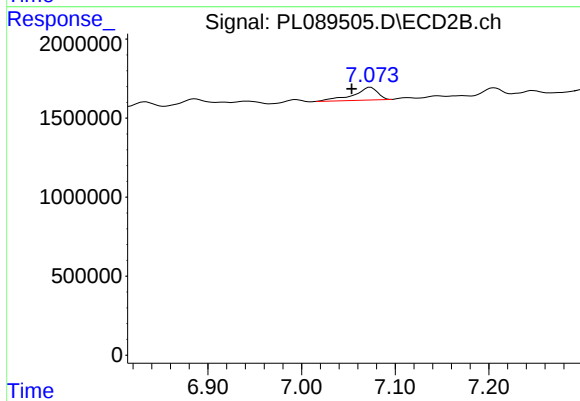
#21 Endrin ketone

R.T.: 6.887 min
Delta R.T.: 0.016 min
Response: 35611
Conc: 0.02 ng/ml



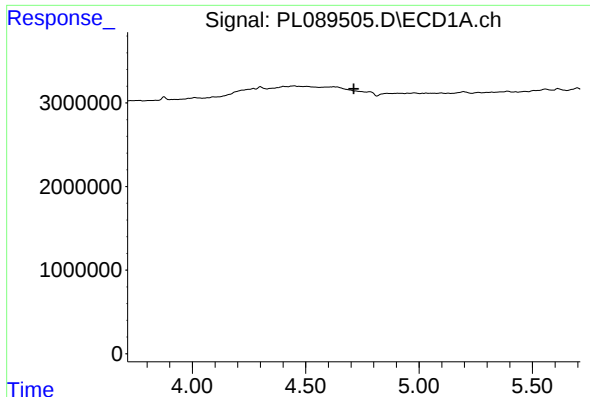
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.018 min
Response: 47019
Conc: 0.03 ng/ml



#22 Mirex

R.T.: 7.074 min
Delta R.T.: 0.020 min
Response: 1463553
Conc: 1.07 ng/ml



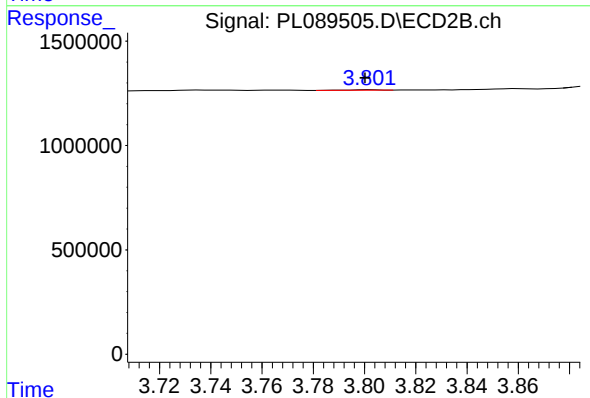
#23 Chlordane-1

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

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

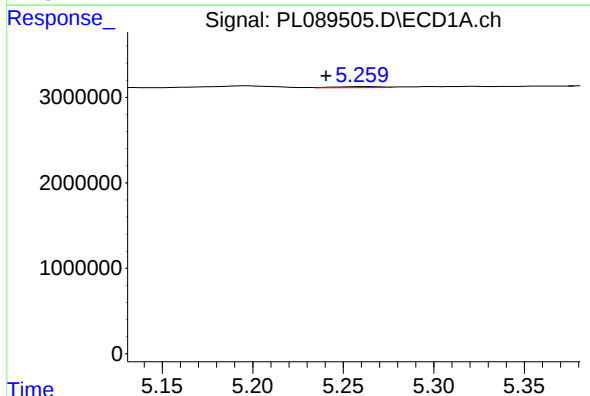
Manual Integrations
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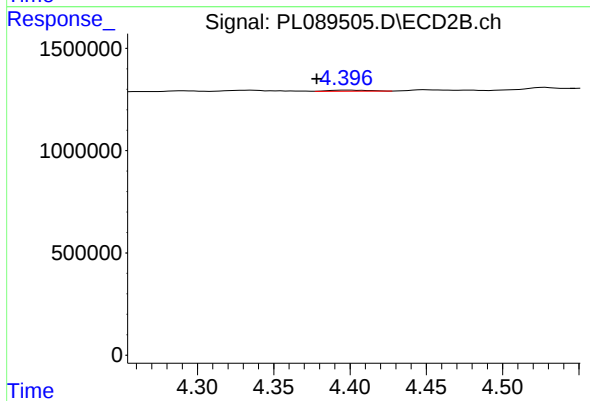
#23 Chlordane-1

R.T.: 3.802 min
Delta R.T.: 0.002 min
Response: 22834
Conc: 0.46 ng/ml



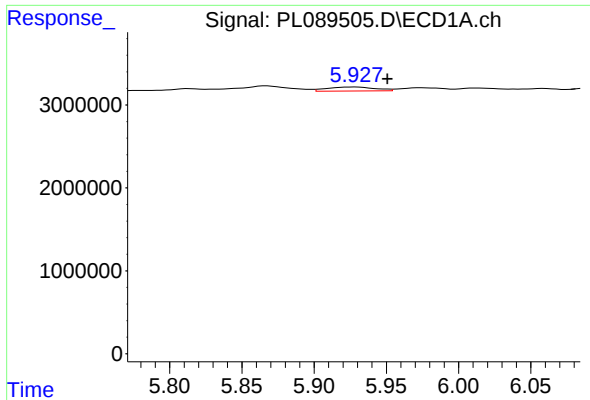
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.020 min
Response: 232017
Conc: 2.21 ng/ml



#24 Chlordane-2

R.T.: 4.398 min
Delta R.T.: 0.020 min
Response: 92436
Conc: 1.45 ng/ml



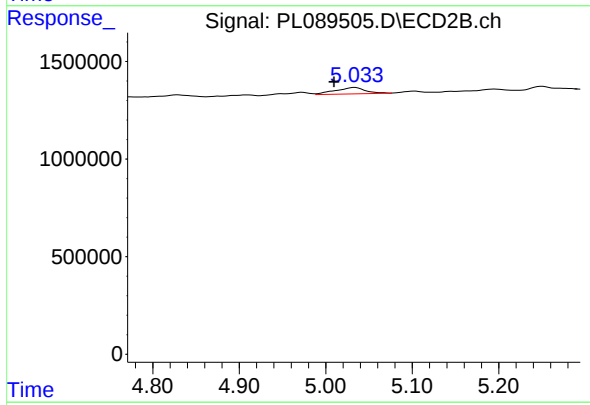
#25 Chlordane-3

R.T.: 5.929 min
Delta R.T.: -0.022 min
Response: 1143479
Conc: 3.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

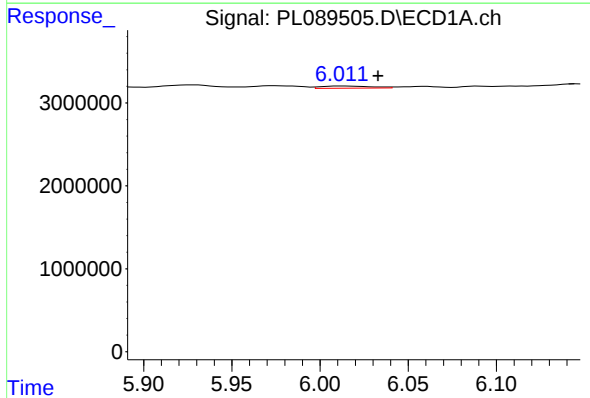
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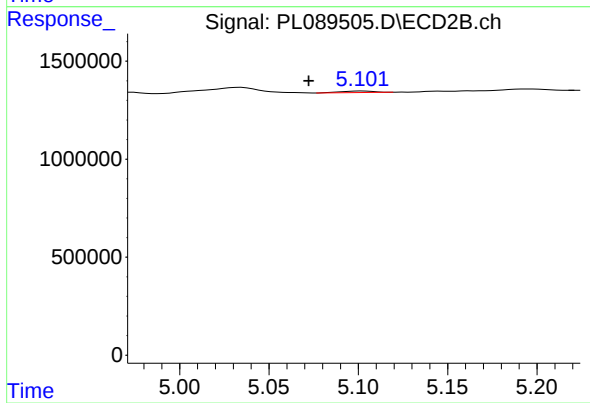
#25 Chlordane-3

R.T.: 5.034 min
Delta R.T.: 0.024 min
Response: 794974
Conc: 4.64 ng/ml



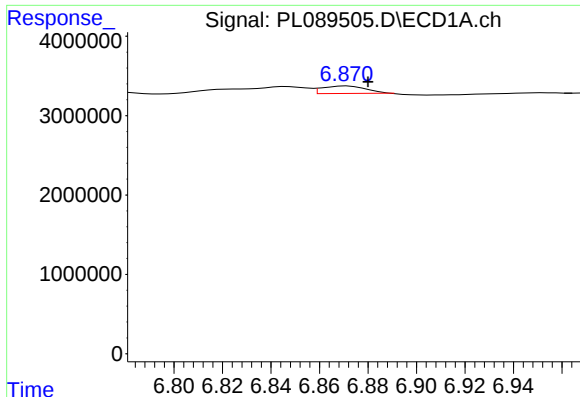
#26 Chlordane-4

R.T.: 6.013 min
Delta R.T.: -0.020 min
Response: 513194
Conc: 1.26 ng/ml



#26 Chlordane-4

R.T.: 5.103 min
Delta R.T.: 0.030 min
Response: 100163
Conc: 0.62 ng/ml



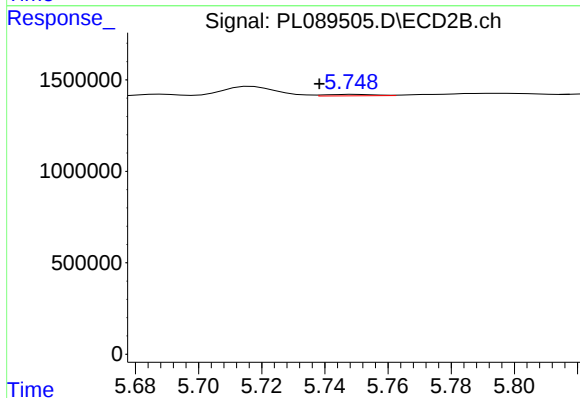
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: -0.009 min
Response: 1217708
Conc: 14.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2024

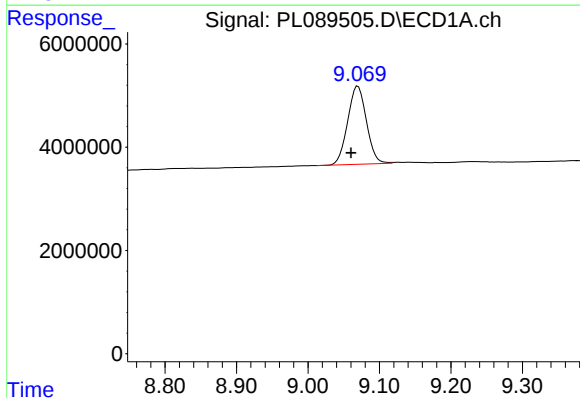
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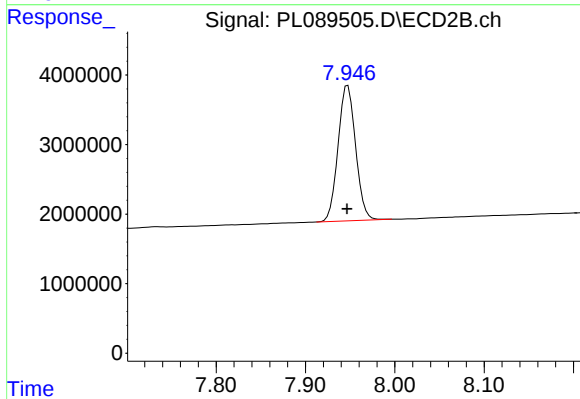
#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.012 min
Response: 88203
Conc: 1.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.010 min
Response: 27559978
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 26548919
Conc: 19.74 ng/ml