

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 15:30
 Operator : AR\AJ
 Sample : 03572-01
 Misc : TOX LOD 50PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:37:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.763	40892952	24487080	17.280	17.977
28)	SA Decachlor...	9.095	7.907	56606859	26797964	20.658	18.726
Target Compounds							
2)	A alpha-BHC	0.000	3.262	0	158715	N.D.	0.082 #
3)	MA gamma-BHC...	0.000	3.604	0	690300	N.D.	0.371 #
7)	B delta-BHC	4.778	0.000	4698330	0	1.347	N.D. #
9)	A Endosulfan I	6.065f	0.000	226601	0	0.075	N.D. #
10)	B gamma-Chl...	5.930f	4.991f	219381	547824	0.067	0.330 #
11)	B alpha-Chl...	6.017	0.000	182421	0	0.056	N.D. #
12)	B 4,4'-DDE	6.187f	0.000	260711	0	0.088	N.D. #
13)	MA Dieldrin	6.353	0.000	175361	0	0.054	N.D. #
14)	MA Endrin	6.569f	5.649f	362379	154137	0.130	0.105
15)	B Endosulfa...	0.000	5.923	0	185149	N.D.	0.126 #
16)	A 4,4'-DDD	6.724	5.796f	313145	94781	0.133	0.085 #
17)	MA 4,4'-DDT	0.000	6.035	0	302320	N.D.	0.272 #
18)	B Endrin al...	6.957f	6.112	-108110	416644	N.D.	0.366
19)	B Endosulfa...	7.172	0.000	2415395	0	0.927	N.D. #
20)	A Methoxychlor	0.000	6.591	0	349955	N.D.	0.585 #
22)	Mirex	8.118f	7.036f	236753	907625	0.104	0.701 #
25)	Chlordane-3	5.930f	4.991f	219381	547824	0.463	3.357 #
26)	Chlordane-4	6.017f	0.000	182421	0	0.315	N.D. #
27)	Chlordane-5	6.880	5.923	721926	185149	7.792	3.099 #

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

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Acq On : 09 Aug 2023 15:30
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Sample : 03572-01
Misc : TOX LOD 50PPB
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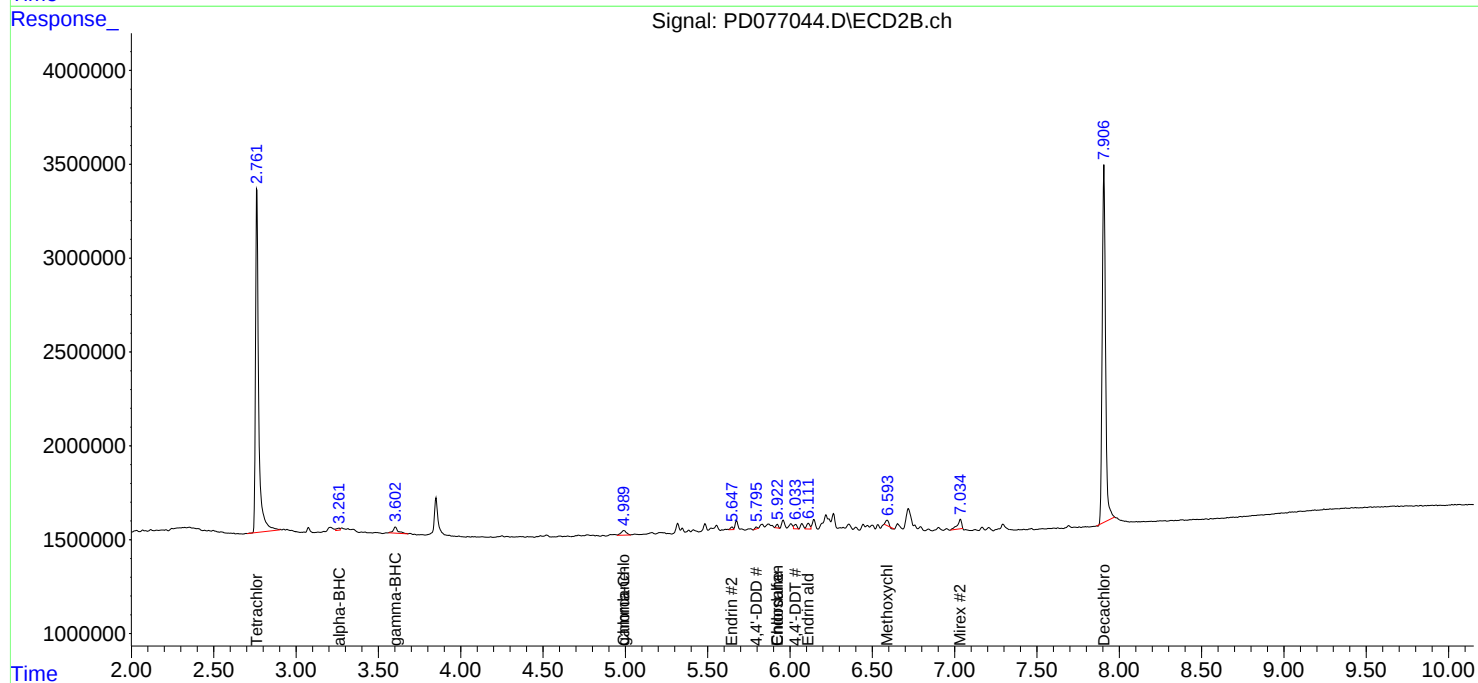
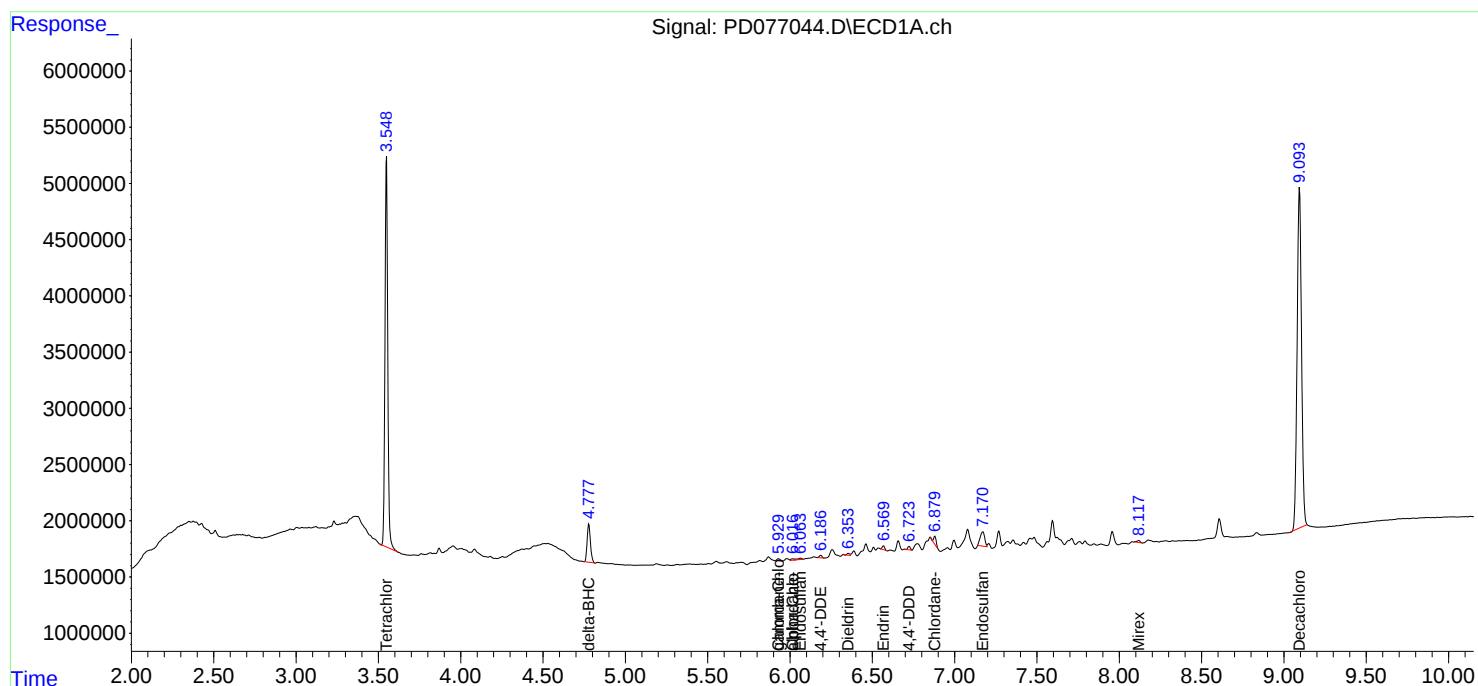
Instrument :
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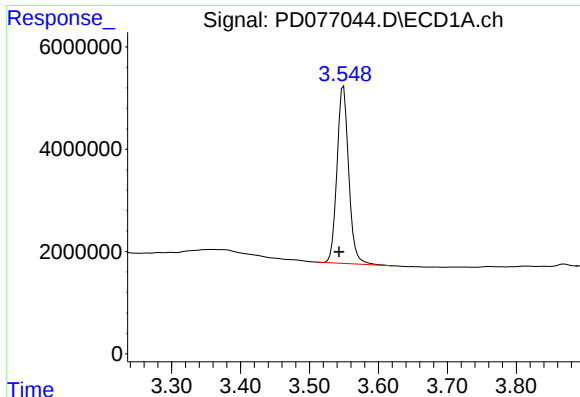
Manual Integrations
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Supervised By : Ankita Jodhani 08/11/2023

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Integration File signal 2: autoint2.e
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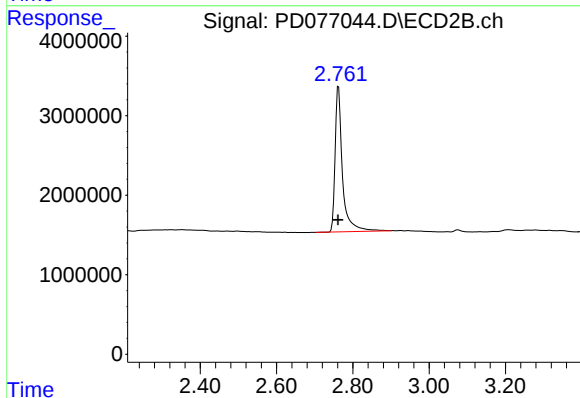
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.006 min
Response: 40892952
Conc: 17.28 ng/ml

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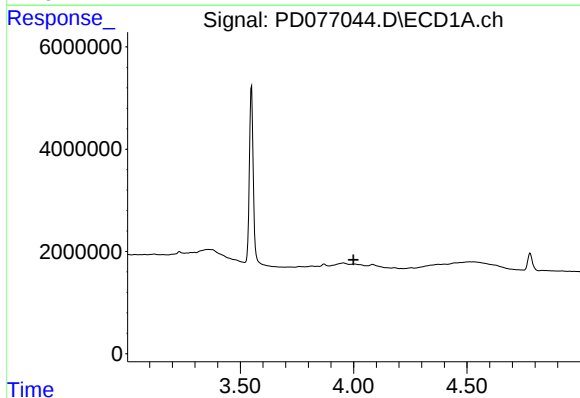
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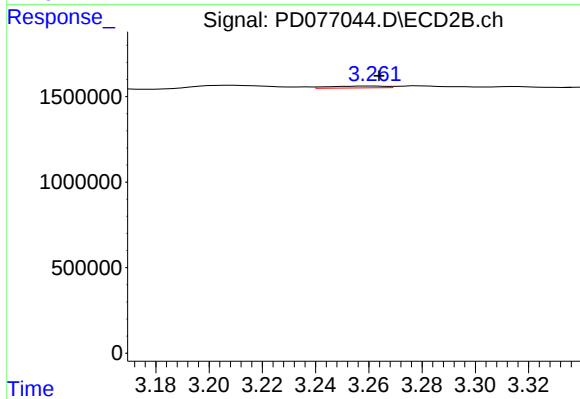
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 24487080
Conc: 17.98 ng/ml



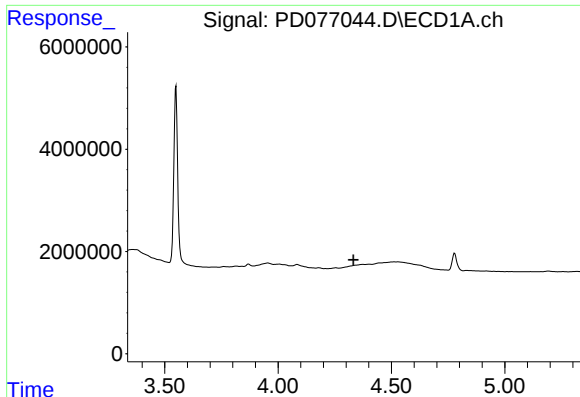
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 158715
Conc: 0.08 ng/ml



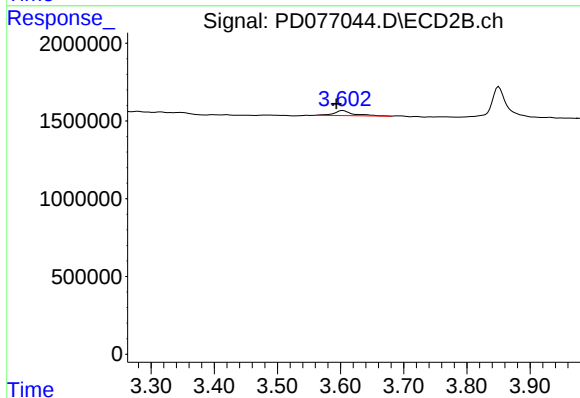
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

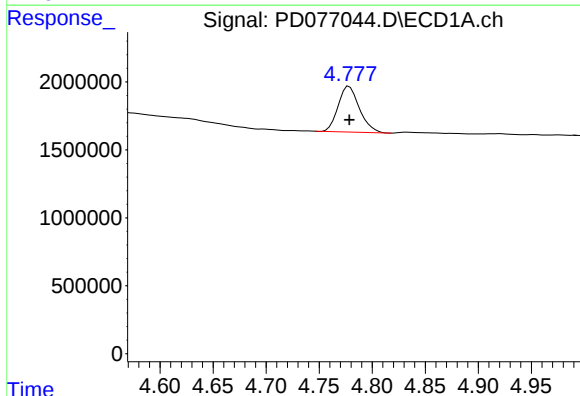
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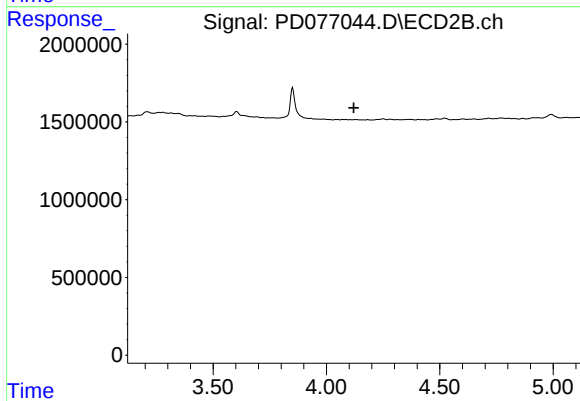
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.010 min
Response: 690300
Conc: 0.37 ng/ml



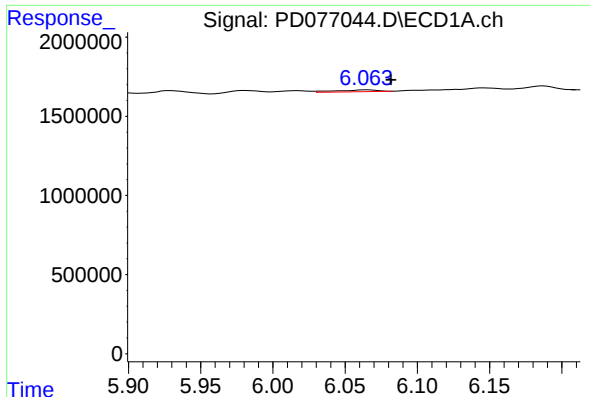
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 4698330
Conc: 1.35 ng/ml



#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.120 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.017 min
Response: 226601
Conc: 0.07 ng/ml

Instrument :
ECD_D
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#9 Endosulfan I

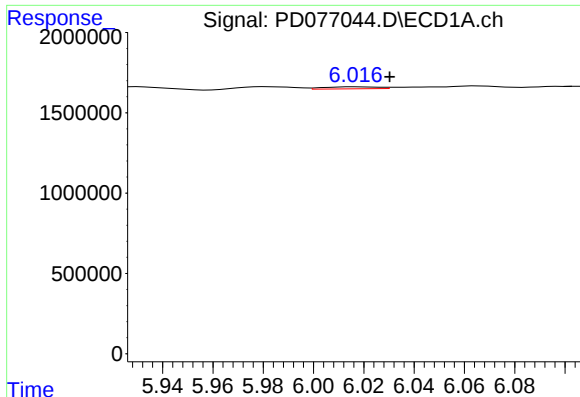
R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.

#10 gamma-Chlordane

R.T.: 5.930 min
Delta R.T.: -0.022 min
Response: 219381
Conc: 0.07 ng/ml

#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.025 min
Response: 547824
Conc: 0.33 ng/ml



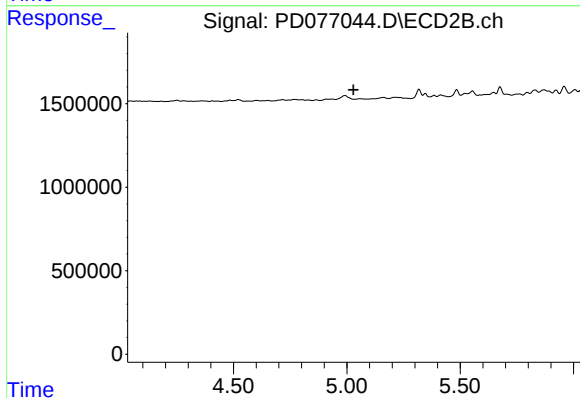
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.013 min
Response: 182421
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

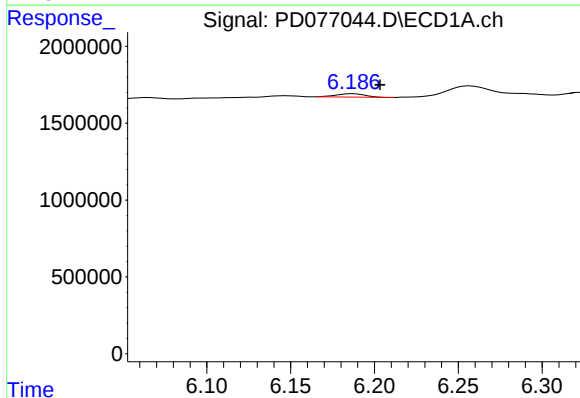
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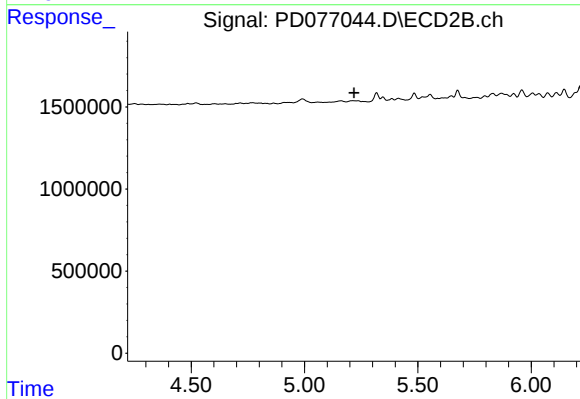
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.030 min
Response: 0
Conc: N.D.



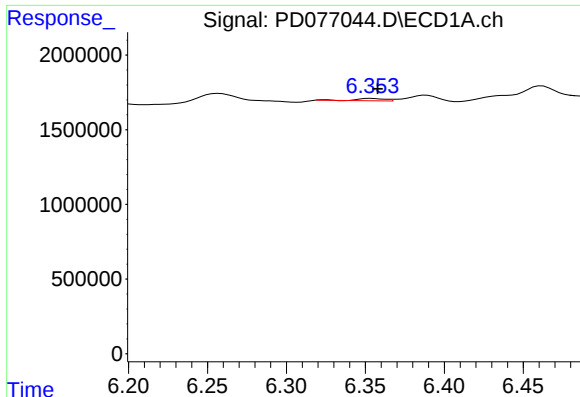
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.016 min
Response: 260711
Conc: 0.09 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.



#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: -0.004 min
Response: 175361
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

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#13 Dieldrin

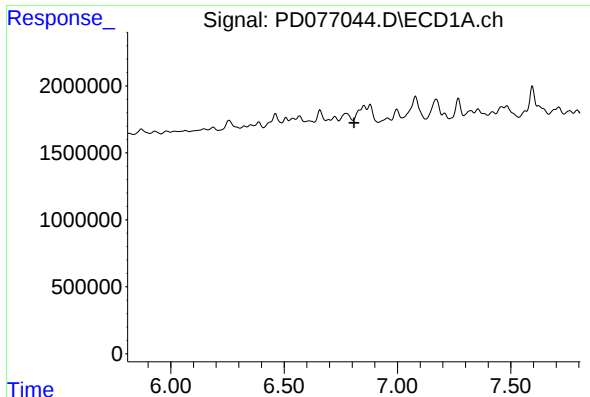
R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.

#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.020 min
Response: 362379
Conc: 0.13 ng/ml

#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.022 min
Response: 154137
Conc: 0.11 ng/ml



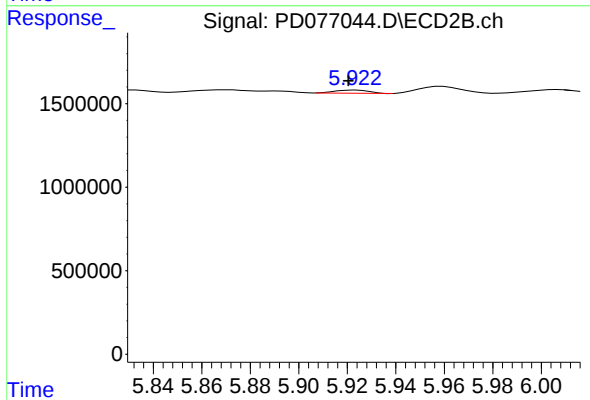
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.809 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

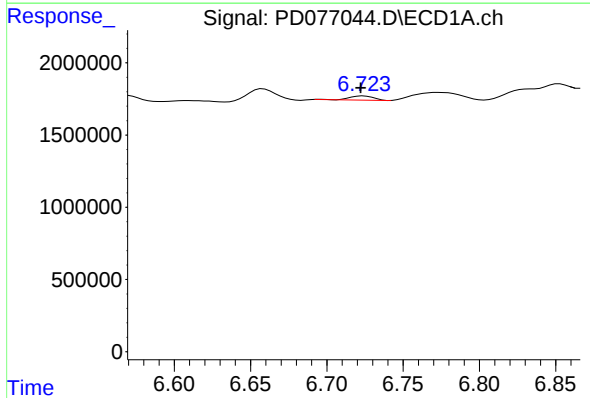
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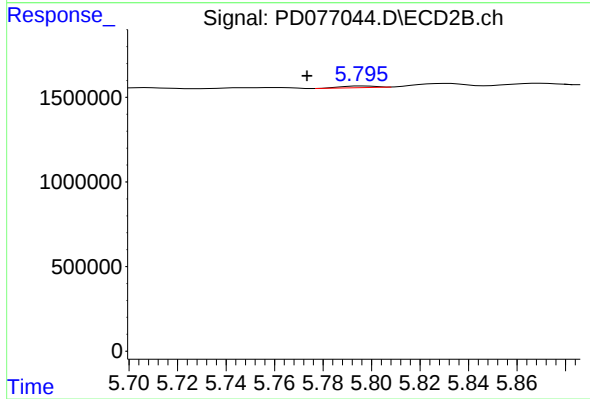
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.003 min
Response: 185149
Conc: 0.13 ng/ml



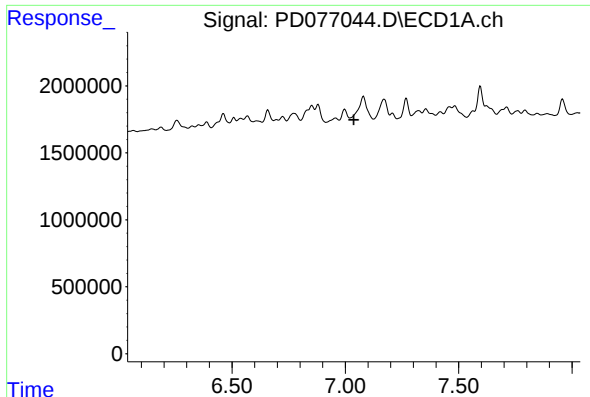
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 313145
Conc: 0.13 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.023 min
Response: 94781
Conc: 0.09 ng/ml



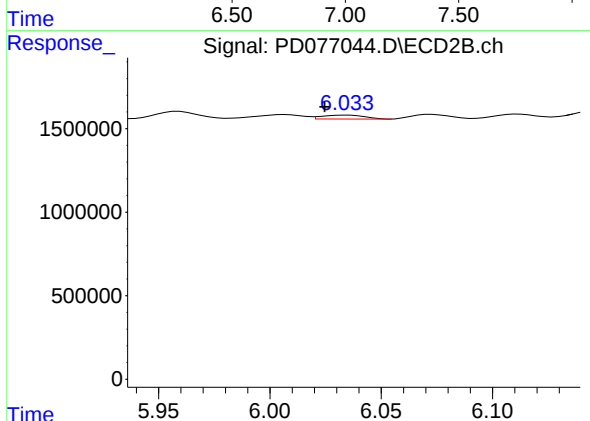
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

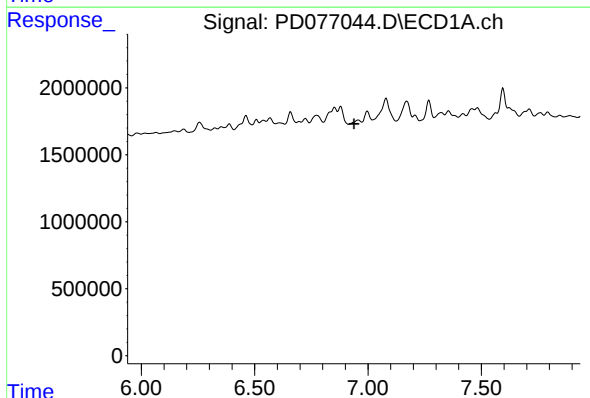
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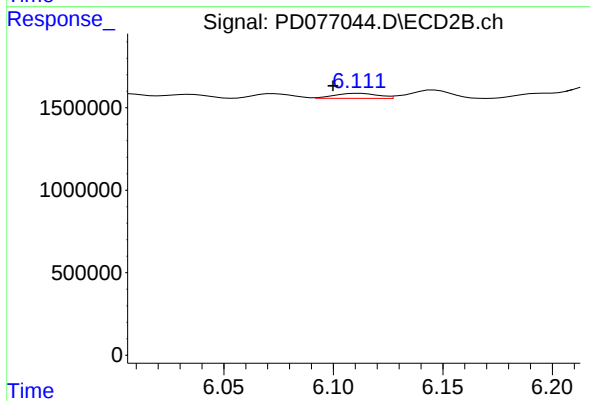
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.010 min
Response: 302320
Conc: 0.27 ng/ml



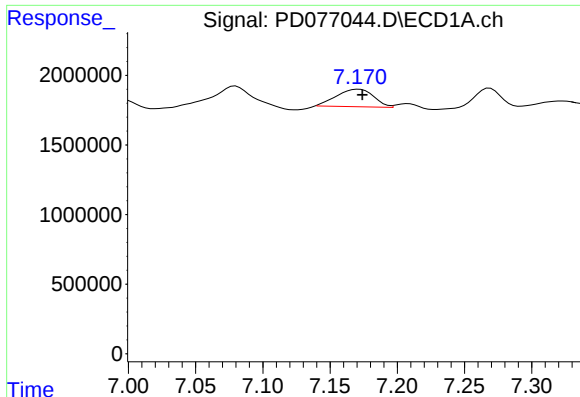
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: 0.018 min
Response: -108110
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.012 min
Response: 416644
Conc: 0.37 ng/ml



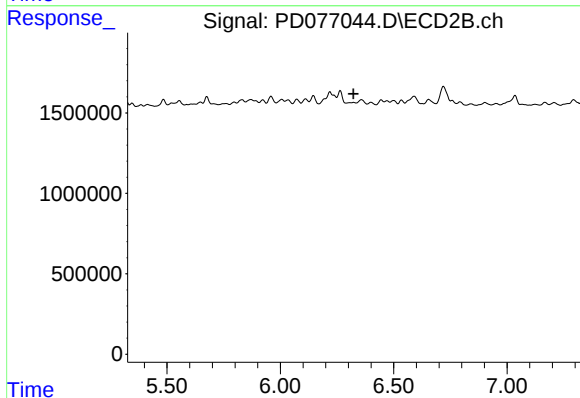
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 2415395
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
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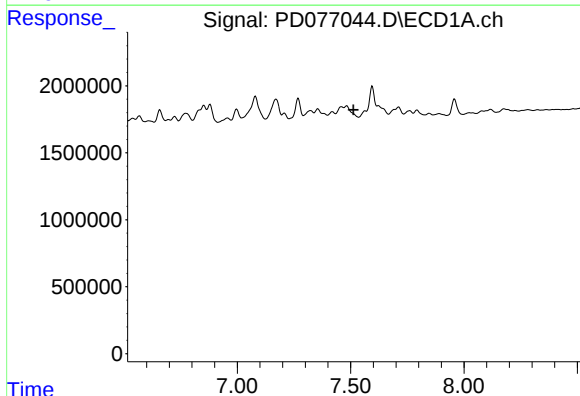
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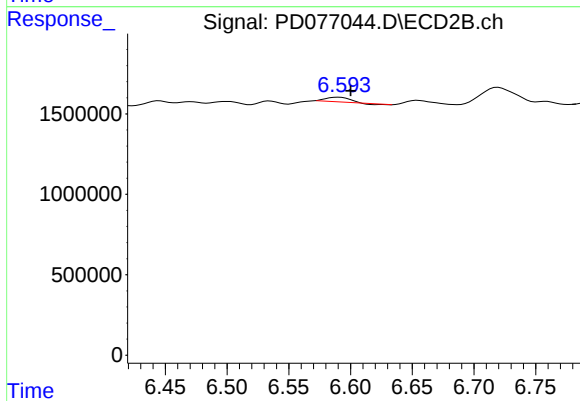
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.323 min
Response: 0
Conc: N.D.



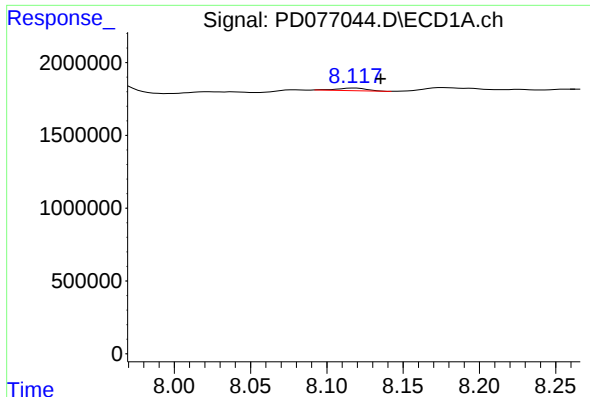
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.513 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.591 min
Delta R.T.: -0.009 min
Response: 349955
Conc: 0.59 ng/ml



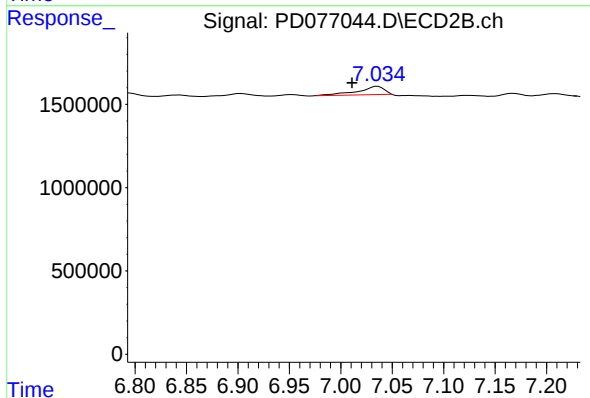
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.017 min
Response: 236753
Conc: 0.10 ng/ml

Instrument :
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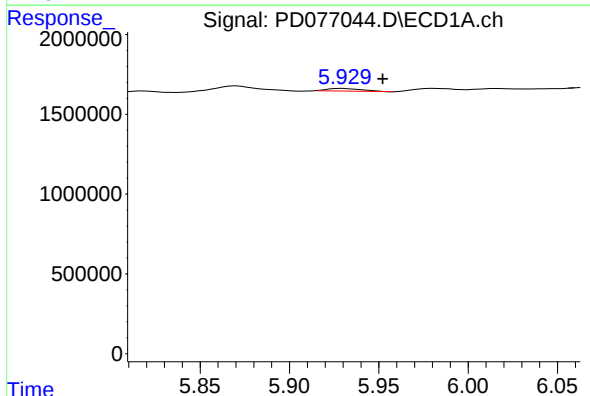
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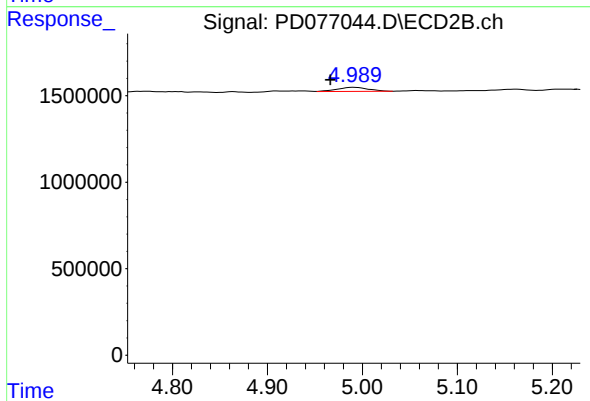
#22 Mirex

R.T.: 7.036 min
Delta R.T.: 0.025 min
Response: 907625
Conc: 0.70 ng/ml



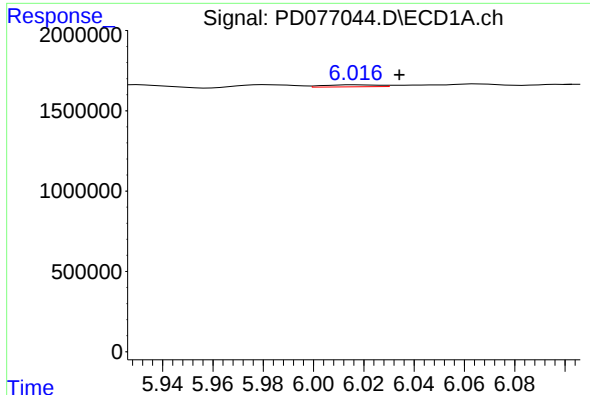
#25 Chlordane-3

R.T.: 5.930 min
Delta R.T.: -0.023 min
Response: 219381
Conc: 0.46 ng/ml



#25 Chlordane-3

R.T.: 4.991 min
Delta R.T.: 0.025 min
Response: 547824
Conc: 3.36 ng/ml



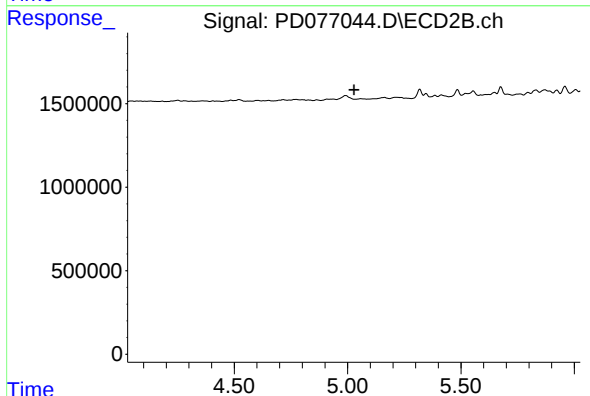
#26 Chlordane-4

R.T.: 6.017 min
Delta R.T.: -0.017 min
Response: 182421
Conc: 0.32 ng/ml

Instrument :
ECD_D
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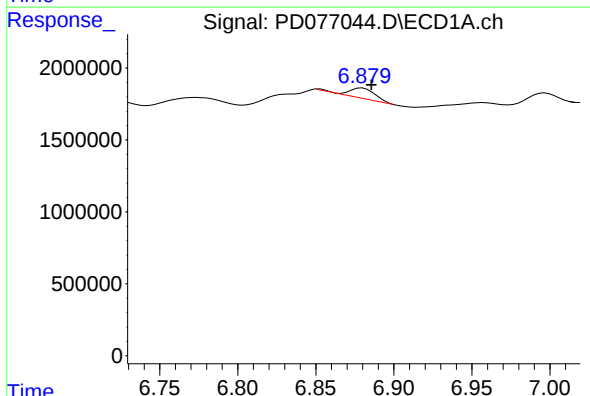
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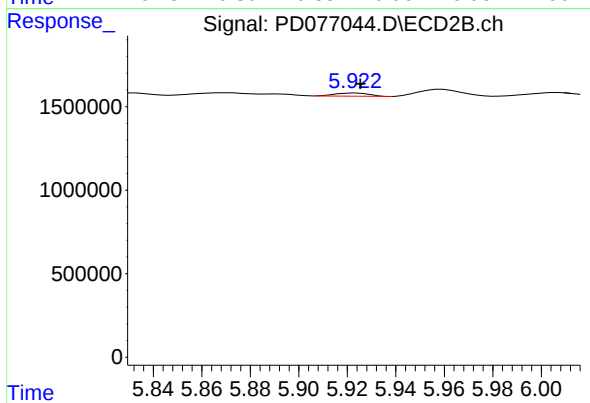
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.029 min
Response: 0
Conc: N.D.



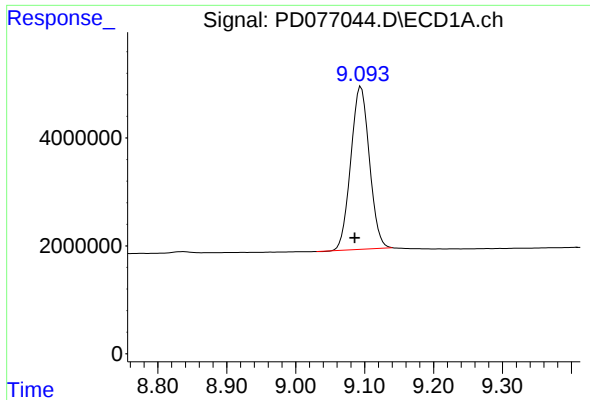
#27 Chlordane-5

R.T.: 6.880 min
Delta R.T.: -0.006 min
Response: 721926
Conc: 7.79 ng/ml



#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 185149
Conc: 3.10 ng/ml



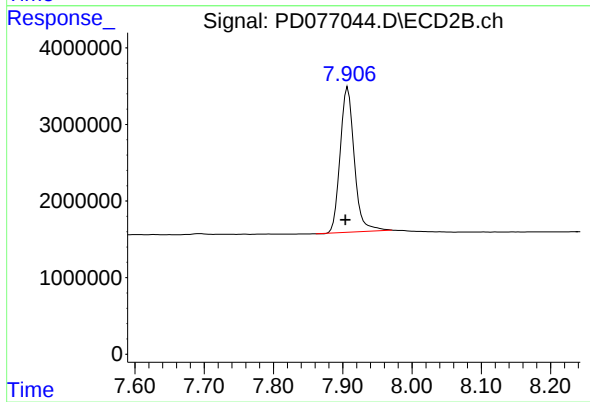
#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.009 min
Response: 56606859
Conc: 20.66 ng/ml

Instrument :
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 26797964
Conc: 18.73 ng/ml