

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081023\
 Data File : PD077062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 11:13
 Operator : AR\AJ
 Sample : 03572-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-03-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 10 21:21:03 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...	3.543	2.762	41368240	23683540	17.481	17.387
28)	SA Decachlor...	9.089	7.905	56629476	26742155	20.666	18.687
Target Compounds							
2)	A alpha-BHC	4.000	3.263	3591774	1885390	0.935	0.975
3)	MA gamma-BHC...	4.334	3.594	3524043	1730132	0.957	0.930
4)	MA Heptachlor	4.925	3.933	3892484	1988652	1.079	1.095
5)	MB Aldrin	5.268	4.213	4027496	1921793	1.090	1.038
6)	B beta-BHC	4.531	3.891	1817385	916062	1.208	1.201
7)	B delta-BHC	4.778	4.120	4534945	1757268	1.300	0.988
8)	B Heptachlo...	5.696	4.715	4154504	1809048	1.255	1.082
9)	A Endosulfan I	6.083	5.086	3604267	1688746	1.186	1.083
10)	B gamma-Chl...	5.953	4.966	3653599	1839526	1.123	1.109
11)	B alpha-Chl...	6.032	5.030	3789910	1847682	1.156	1.106
12)	B 4,4'-DDE	6.205	5.219	3157572	1582115	1.064	1.091
13)	MA Dieldrin	6.360	5.351	3927626	1758109	1.200	1.044
14)	MA Endrin	6.590	5.627	2929376	1578013	1.054	1.078
15)	B Endosulfa...	6.810	5.921	3517630	1623576	1.106	1.101
16)	A 4,4'-DDD	6.724	5.774	2648970	1204697	1.126	1.083
17)	MA 4,4'-DDT	7.039	6.026	1984906	855196	0.816	0.769
18)	B Endrin al...	6.939	6.101	2916165	1390001	1.335m	1.221
19)	B Endosulfa...	7.175	6.324	3209599	1536704	1.232	1.152
20)	A Methoxychlor	7.515	6.602	1560109	599929	1.101	1.003
21)	B Endrin ke...	7.662	6.831	3670140	1703318	1.219	1.074
22)	Mirex	8.137	7.012	3228119	1577763	1.415	1.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081023\
Data File : PD077062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 11:13
Operator : AR\AJ
Sample : 03572-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

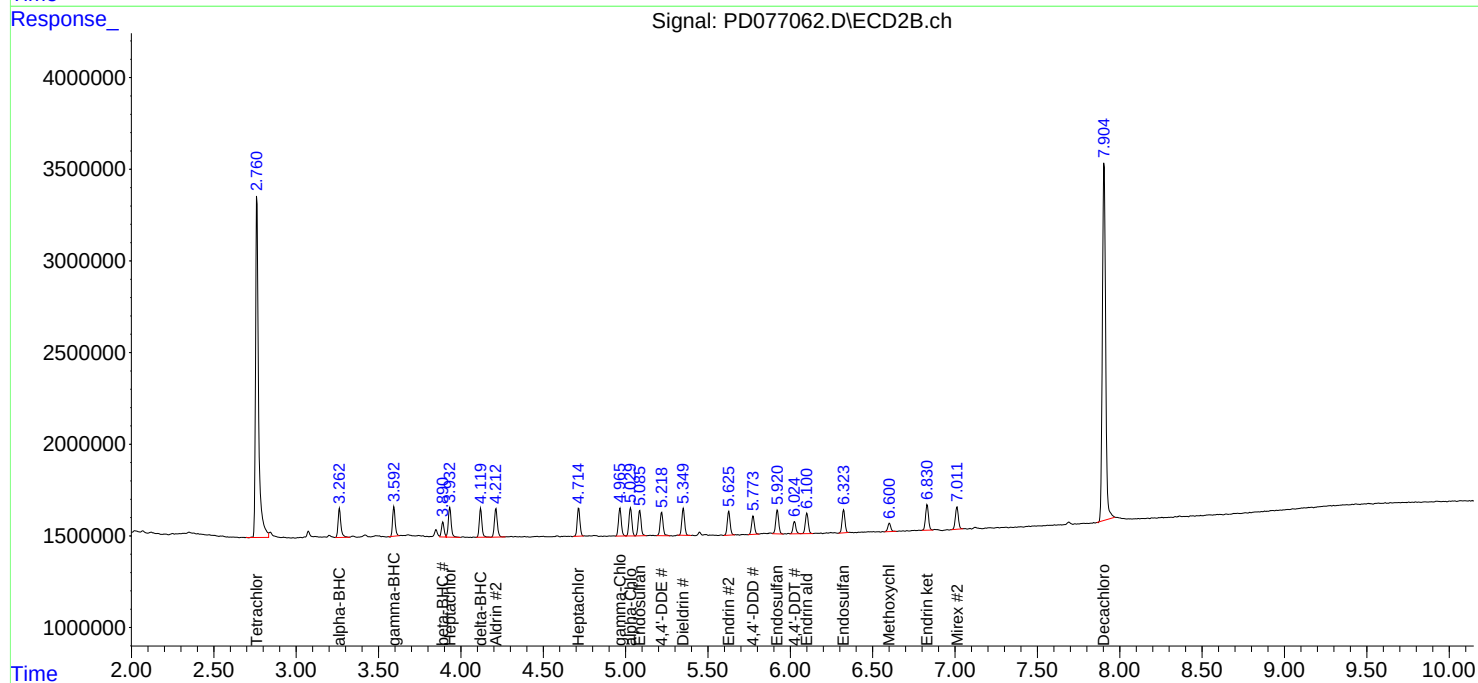
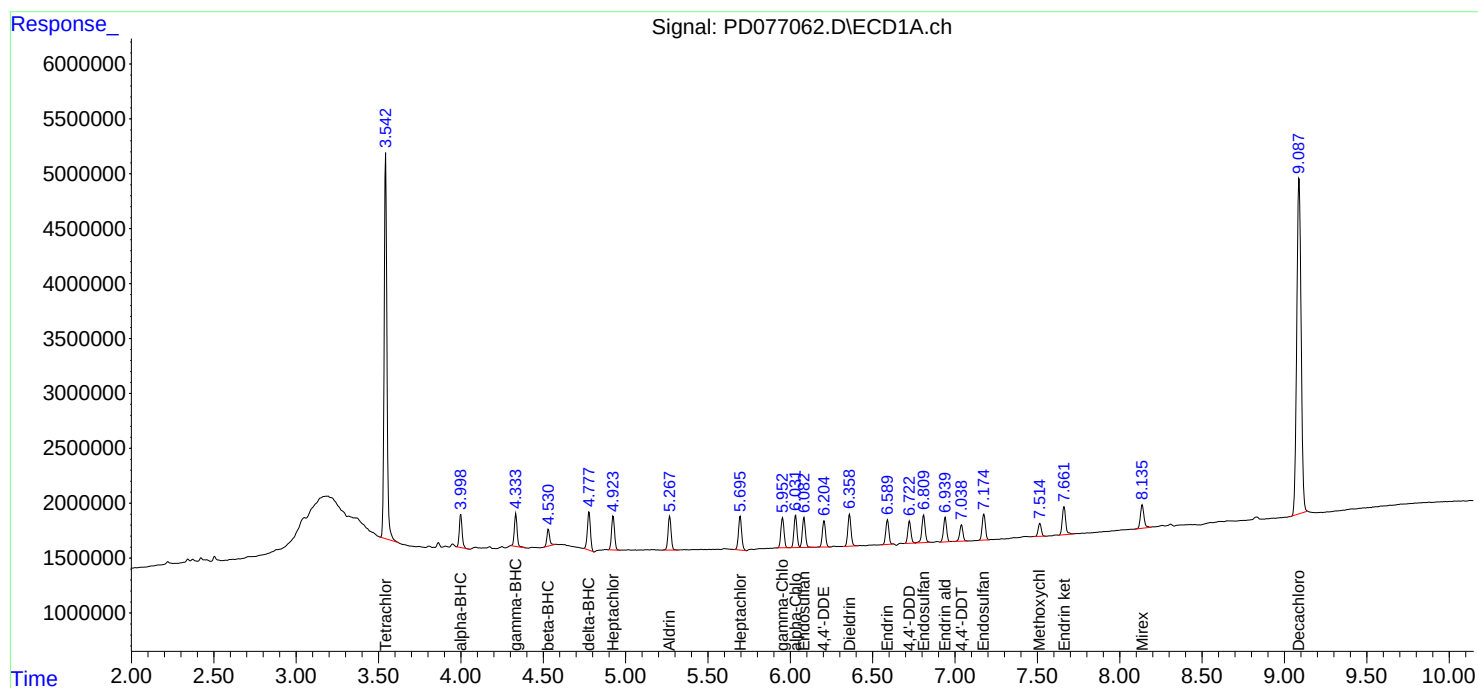
Instrument :
ECD_D
ClientSampleId :
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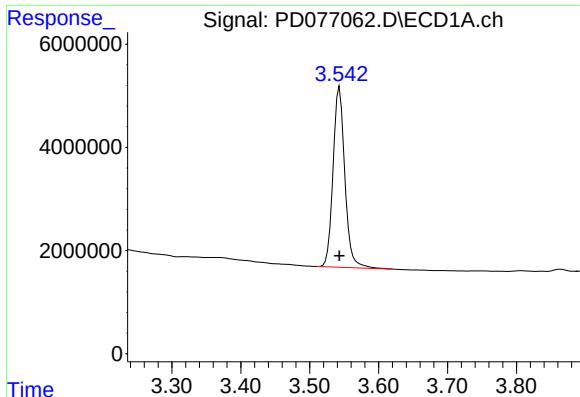
Manual Integrations
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Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 21:21:03 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





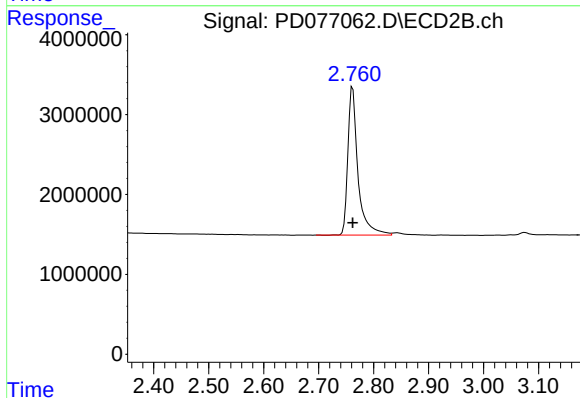
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 41368240
Conc: 17.48 ng/ml

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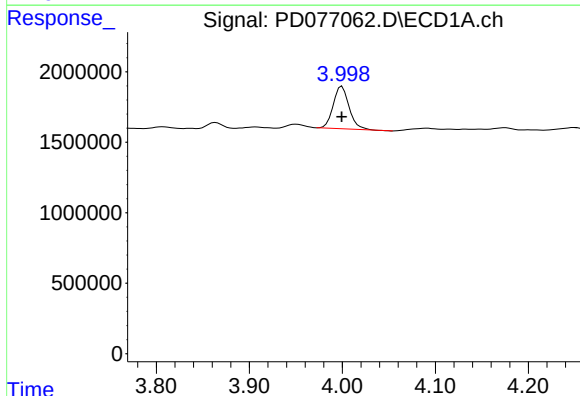
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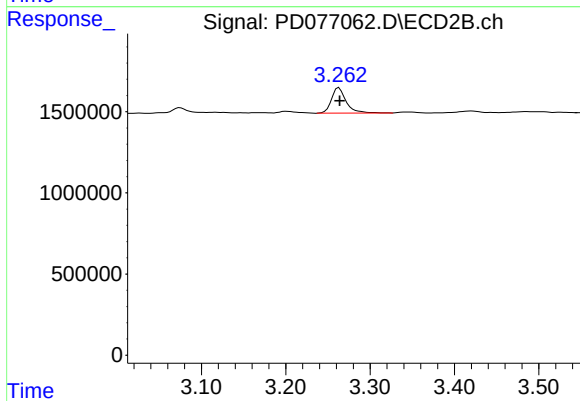
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 23683540
Conc: 17.39 ng/ml



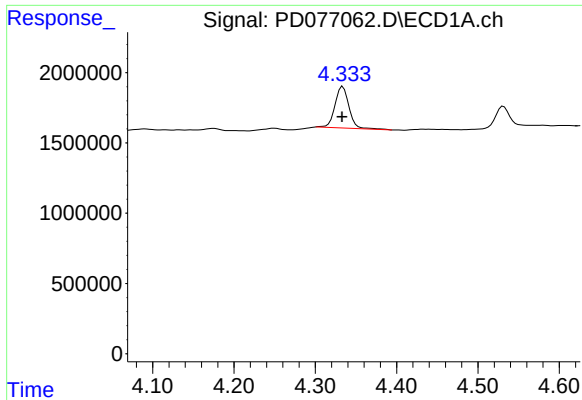
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 3591774
Conc: 0.94 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 1885390
Conc: 0.97 ng/ml



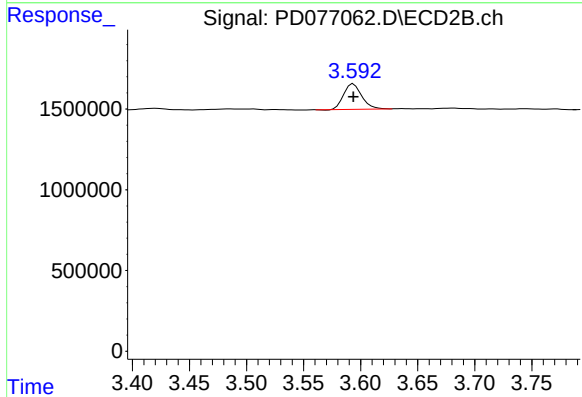
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3524043
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

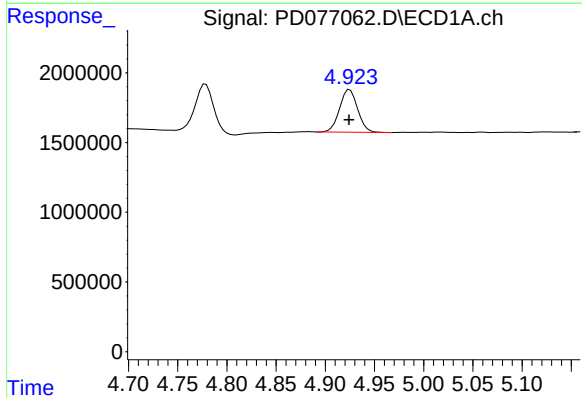
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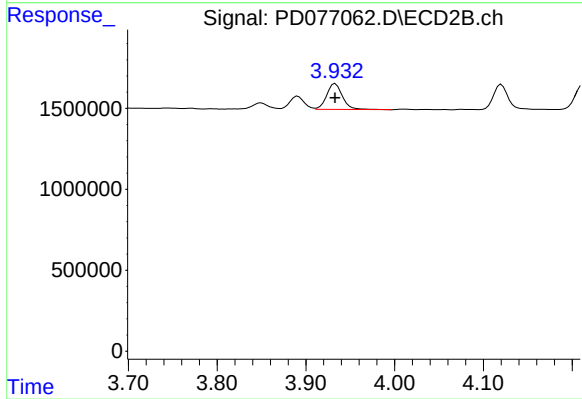
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 1730132
Conc: 0.93 ng/ml



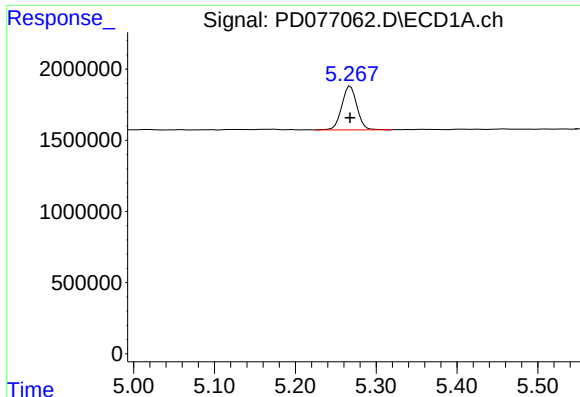
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 3892484
Conc: 1.08 ng/ml



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 1988652
Conc: 1.09 ng/ml



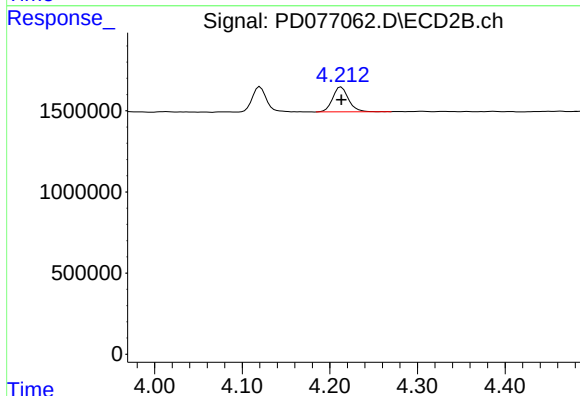
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 4027496
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
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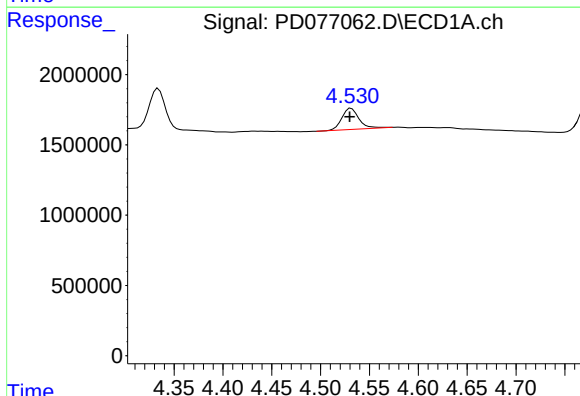
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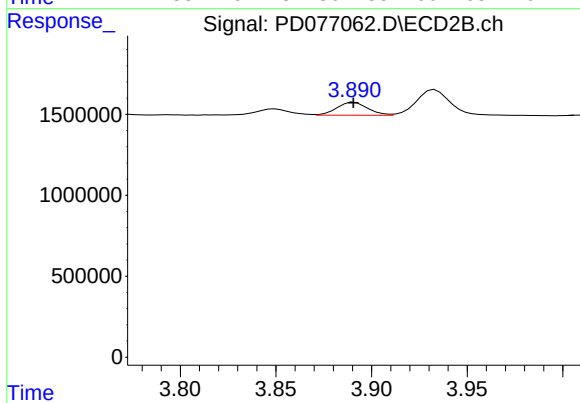
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 1921793
Conc: 1.04 ng/ml



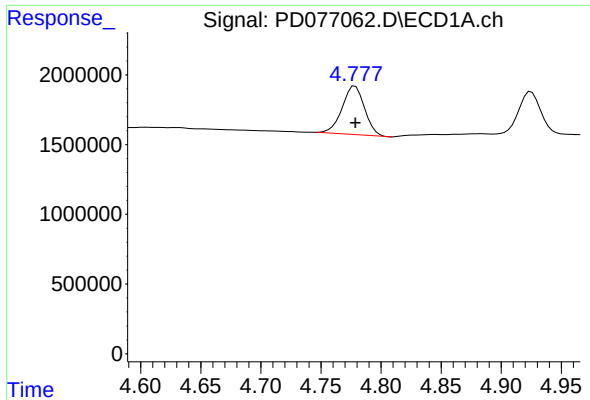
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 1817385
Conc: 1.21 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 916062
Conc: 1.20 ng/ml



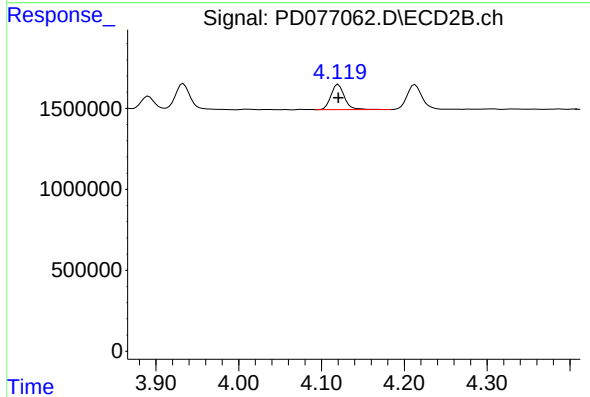
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 4534945
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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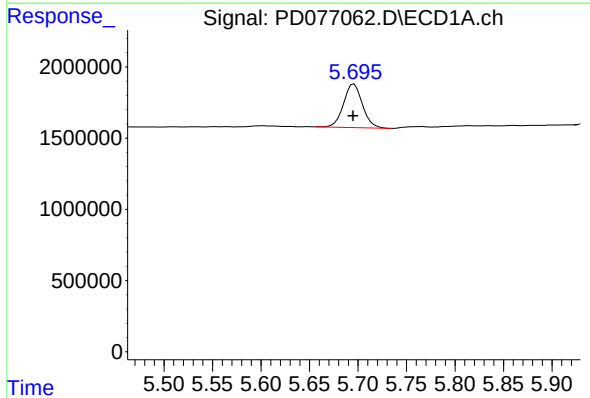
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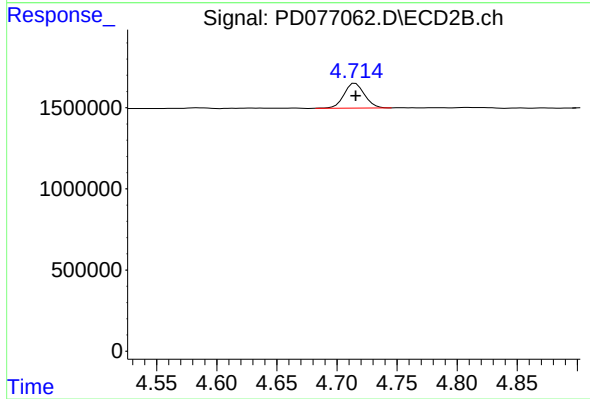
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 1757268
Conc: 0.99 ng/ml



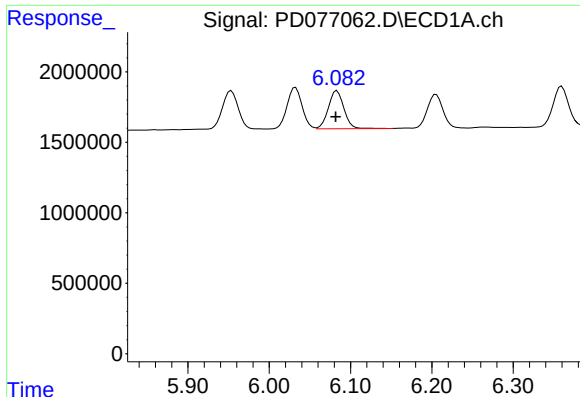
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.001 min
Response: 4154504
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 1809048
Conc: 1.08 ng/ml



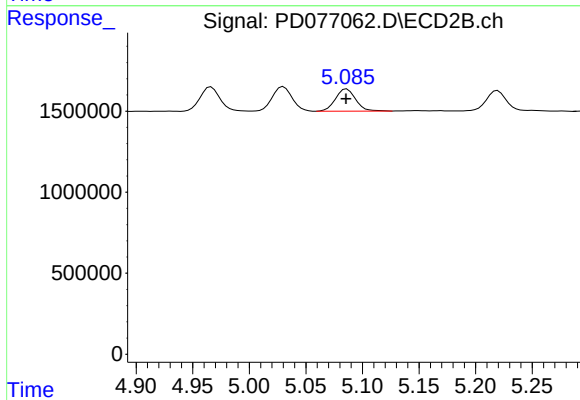
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 3604267
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

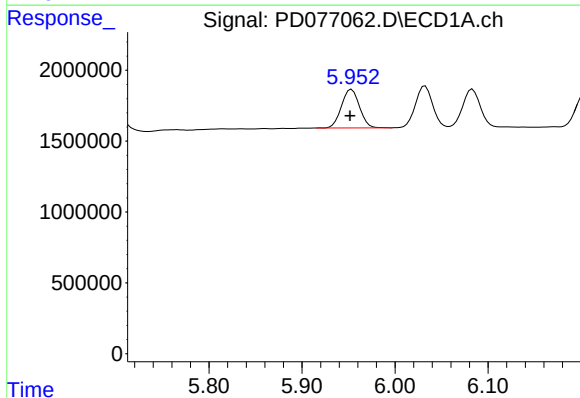
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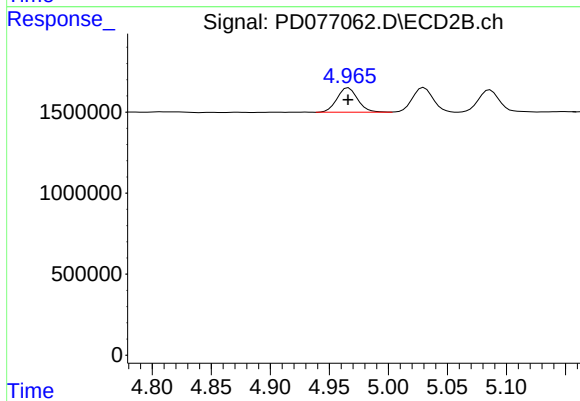
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1688746
Conc: 1.08 ng/ml



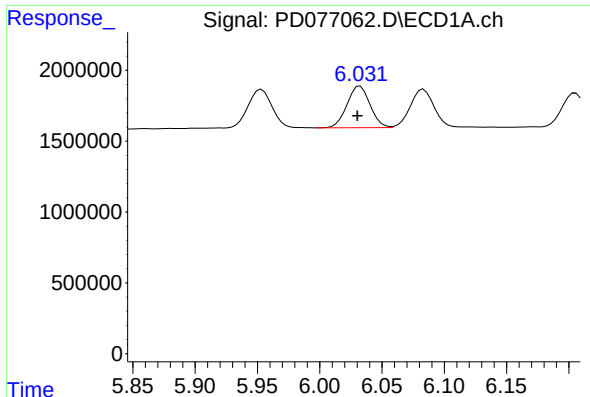
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 3653599
Conc: 1.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 1839526
Conc: 1.11 ng/ml



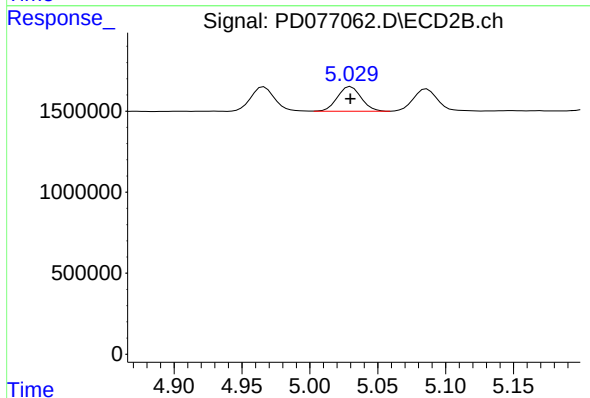
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 3789910
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

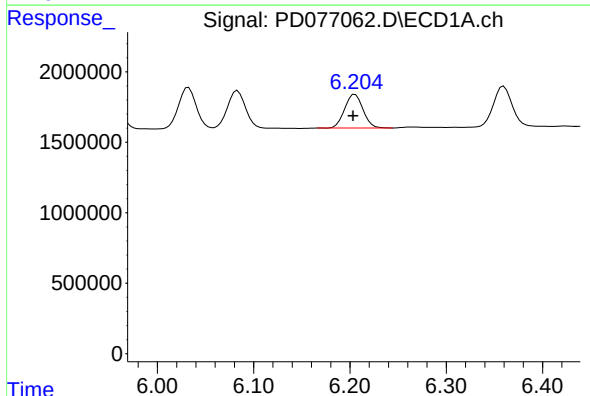
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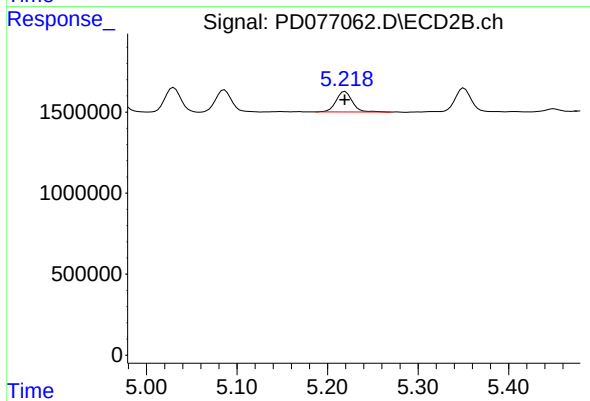
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 1847682
Conc: 1.11 ng/ml



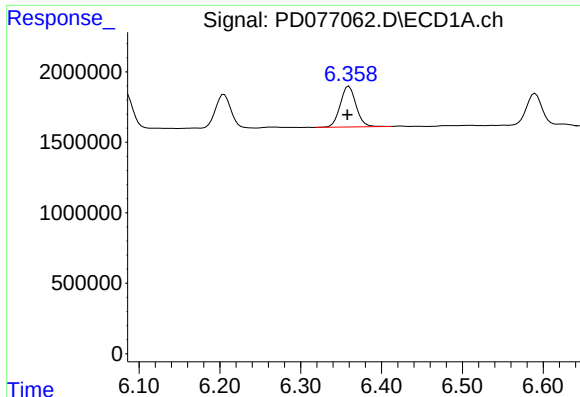
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 3157572
Conc: 1.06 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1582115
Conc: 1.09 ng/ml



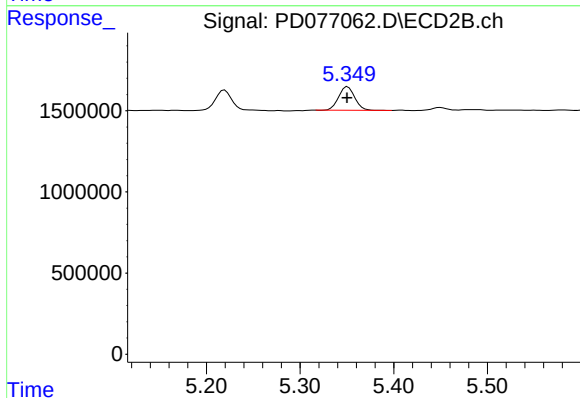
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.002 min
Response: 3927626
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

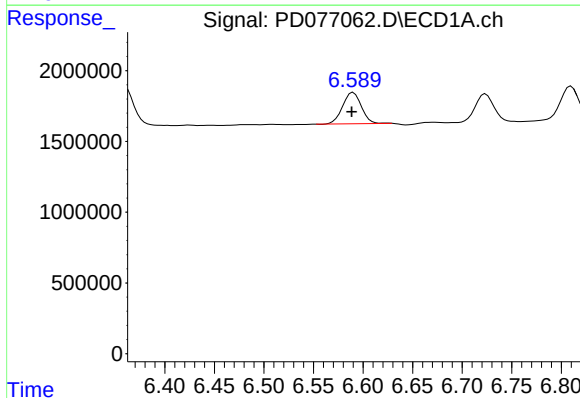
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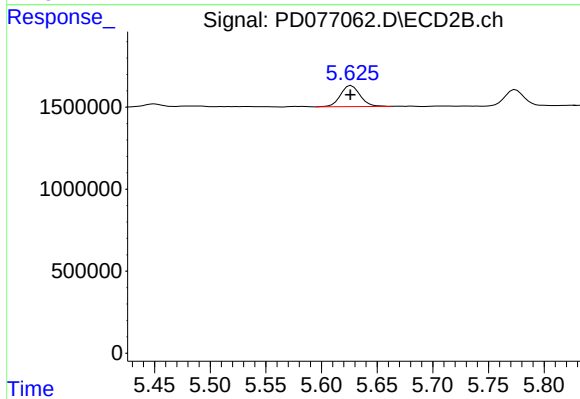
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 1758109
Conc: 1.04 ng/ml



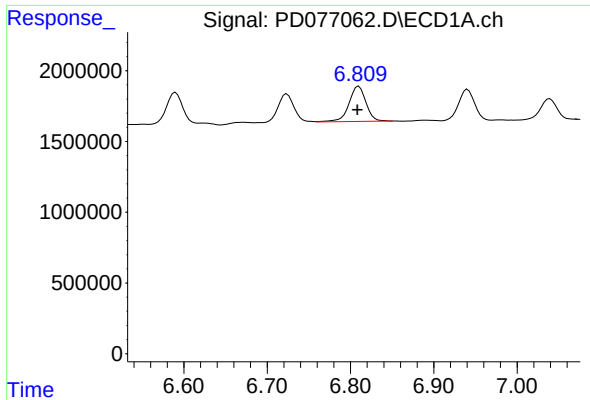
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 2929376
Conc: 1.05 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 1578013
Conc: 1.08 ng/ml



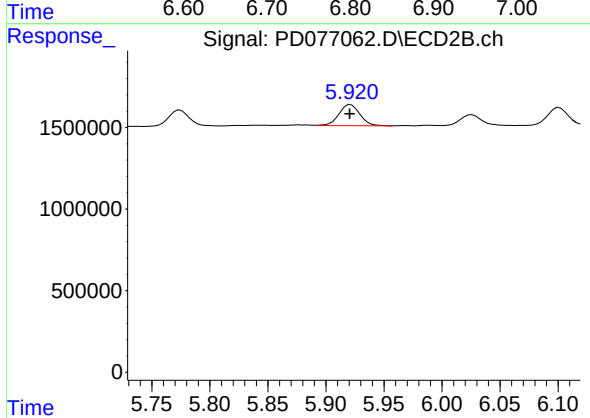
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 3517630
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

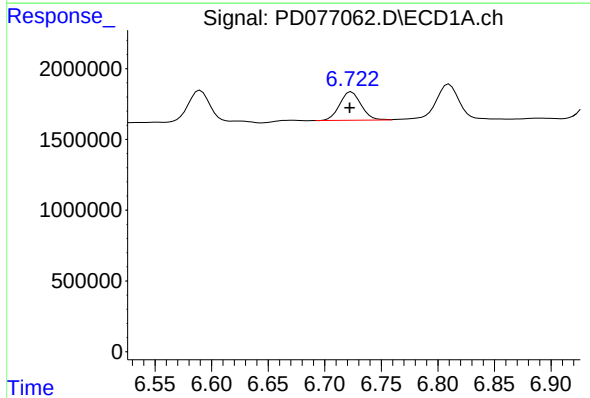
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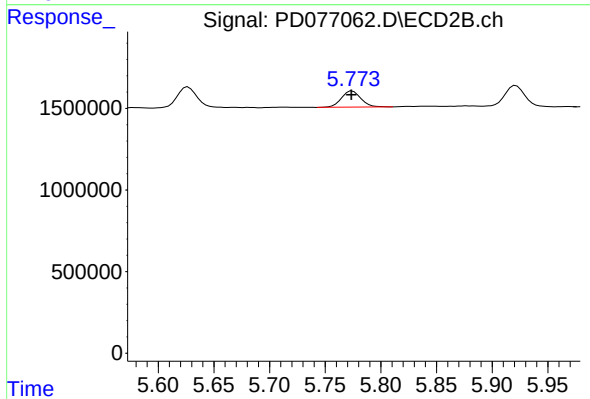
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1623576
Conc: 1.10 ng/ml



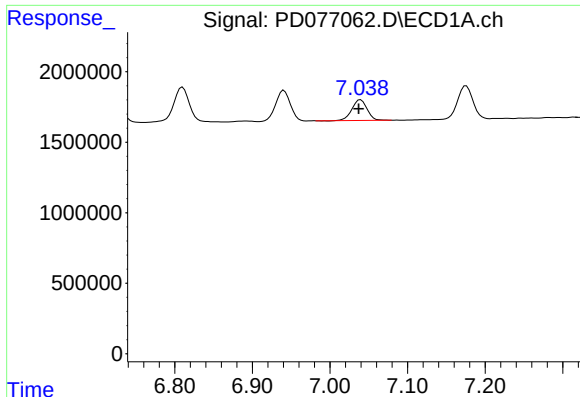
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.001 min
Response: 2648970
Conc: 1.13 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1204697
Conc: 1.08 ng/ml



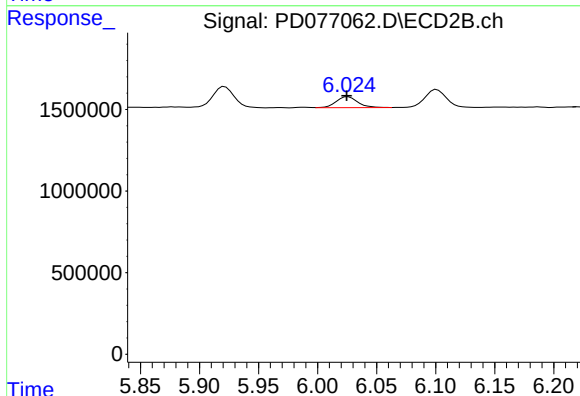
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 1984906
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

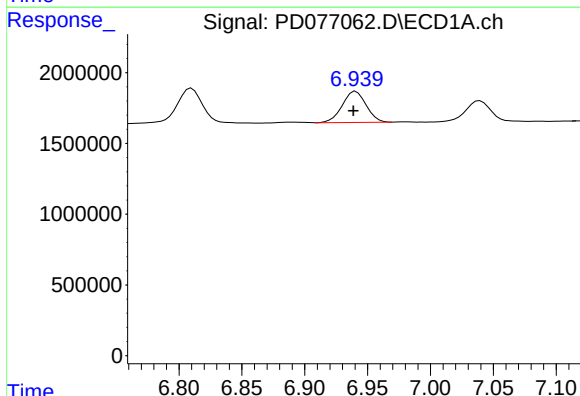
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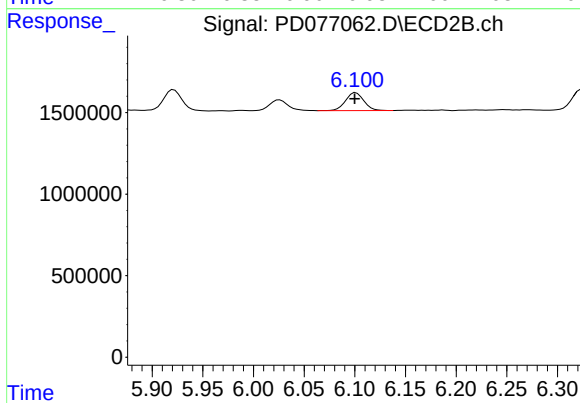
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 855196
Conc: 0.77 ng/ml



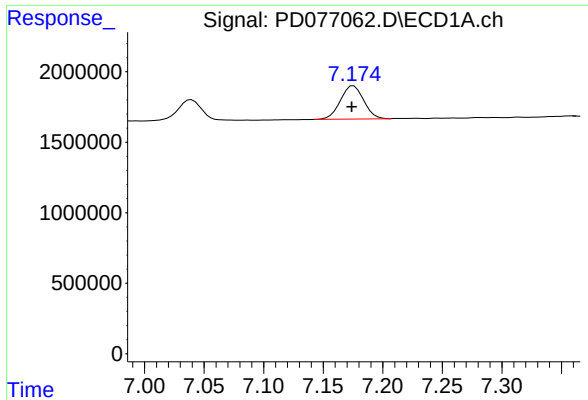
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2916165
Conc: 1.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 1390001
Conc: 1.22 ng/ml



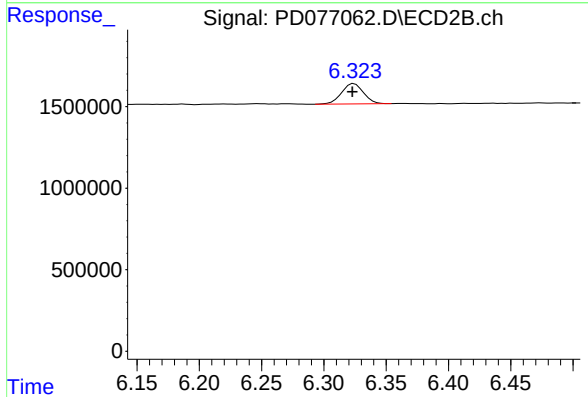
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 3209599
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

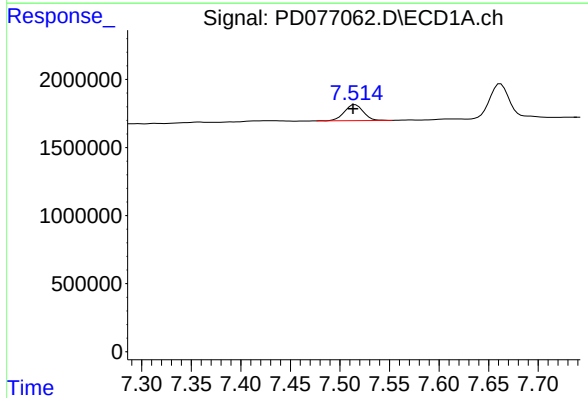
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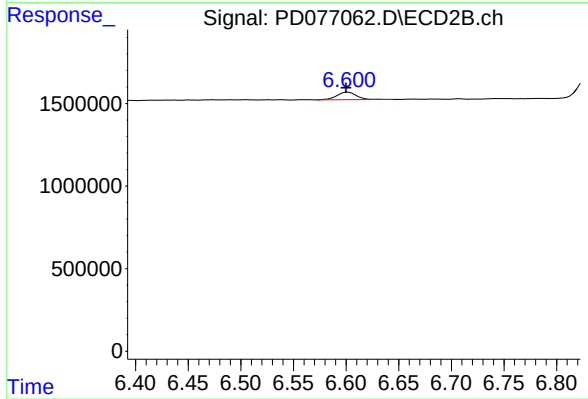
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.002 min
Response: 1536704
Conc: 1.15 ng/ml



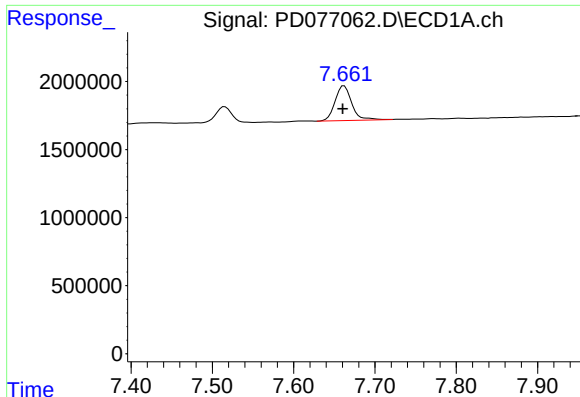
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 1560109
Conc: 1.10 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 599929
Conc: 1.00 ng/ml



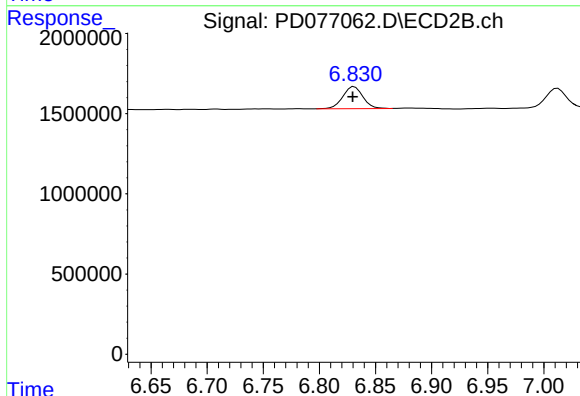
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.002 min
Response: 3670140
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

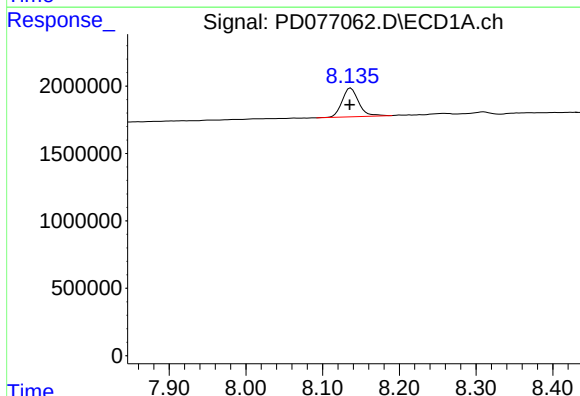
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Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



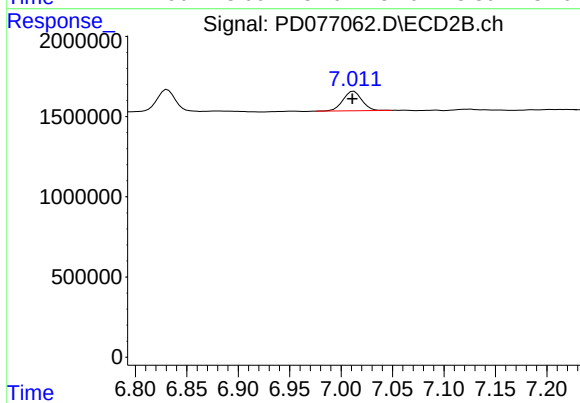
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 1703318
Conc: 1.07 ng/ml



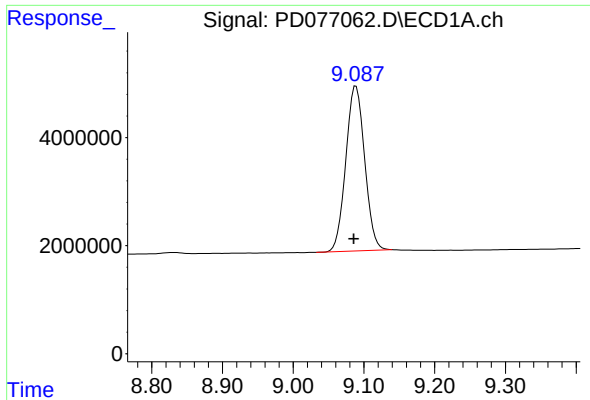
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 3228119
Conc: 1.42 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.002 min
Response: 1577763
Conc: 1.22 ng/ml



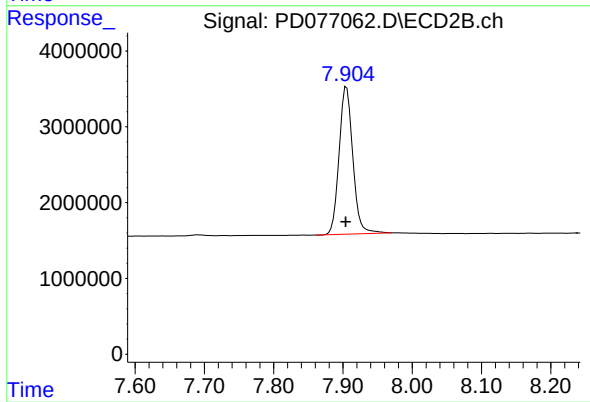
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 56629476
Conc: 20.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-03-QT3-2023

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/11/2023



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.001 min
Response: 26742155
Conc: 18.69 ng/ml