

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 11:32
 Operator : AR\AJ
 Sample : 03572-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 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 21:34:56 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...	3.544	2.762	40143294	22711747	16.963	16.674
28)	SA Decachlor...	9.089	7.905	53220939	25762004	19.422	18.002
Target Compounds							
2)	A alpha-BHC	4.001	3.264	3528600	1808362	0.919	0.935
3)	MA gamma-BHC...	4.334	3.594	3371594	1736087	0.916	0.933
4)	MA Heptachlor	4.925	3.933	3825149	1780107	1.061	0.980
5)	MB Aldrin	5.268	4.214	3789434	1832029	1.025	0.989
6)	B beta-BHC	4.531	3.891	1824526	894207	1.212	1.172
7)	B delta-BHC	4.778	4.121	5255833	1677143	1.507	0.943 #
8)	B Heptachlo...	5.695	4.716	4092290	1756293	1.236	1.050
9)	A Endosulfan I	6.083	5.086	3738320	1522693	1.230	0.976
10)	B gamma-Chl...	5.953	4.966	3609664	1729744	1.109	1.043
11)	B alpha-Chl...	6.032	5.030	3675566	1767097	1.121	1.058
12)	B 4,4'-DDE	6.204	5.219	3030753	1400010	1.022	0.965
13)	MA Dieldrin	6.359	5.351	3576022	1597411	1.092	0.948
14)	MA Endrin	6.588	5.627	2853631	1513246	1.027m	1.034
15)	B Endosulfa...	6.809	5.921	3539278	1509785	1.112	1.024
16)	A 4,4'-DDD	6.723	5.774	2524916	1093723	1.073	0.983
17)	MA 4,4'-DDT	7.039	6.026	1794653	774690	0.738	0.697
18)	B Endrin al...	6.939	6.101	2735443	1251047	1.252	1.099
19)	B Endosulfa...	7.175	6.324	3070547	1385397	1.179	1.039
20)	A Methoxychlor	7.515	6.601	1427003	580350	1.007	0.971
21)	B Endrin ke...	7.660	6.830	3217545	1546839	1.068m	0.976
22)	Mirex	8.137	7.012	2994405	1459042	1.313	1.127

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 11:32
Operator : AR\AJ
Sample : 03572-01
Misc : PEST LOD 1PPB
ALS Vial : 7 Sample Multiplier: 1

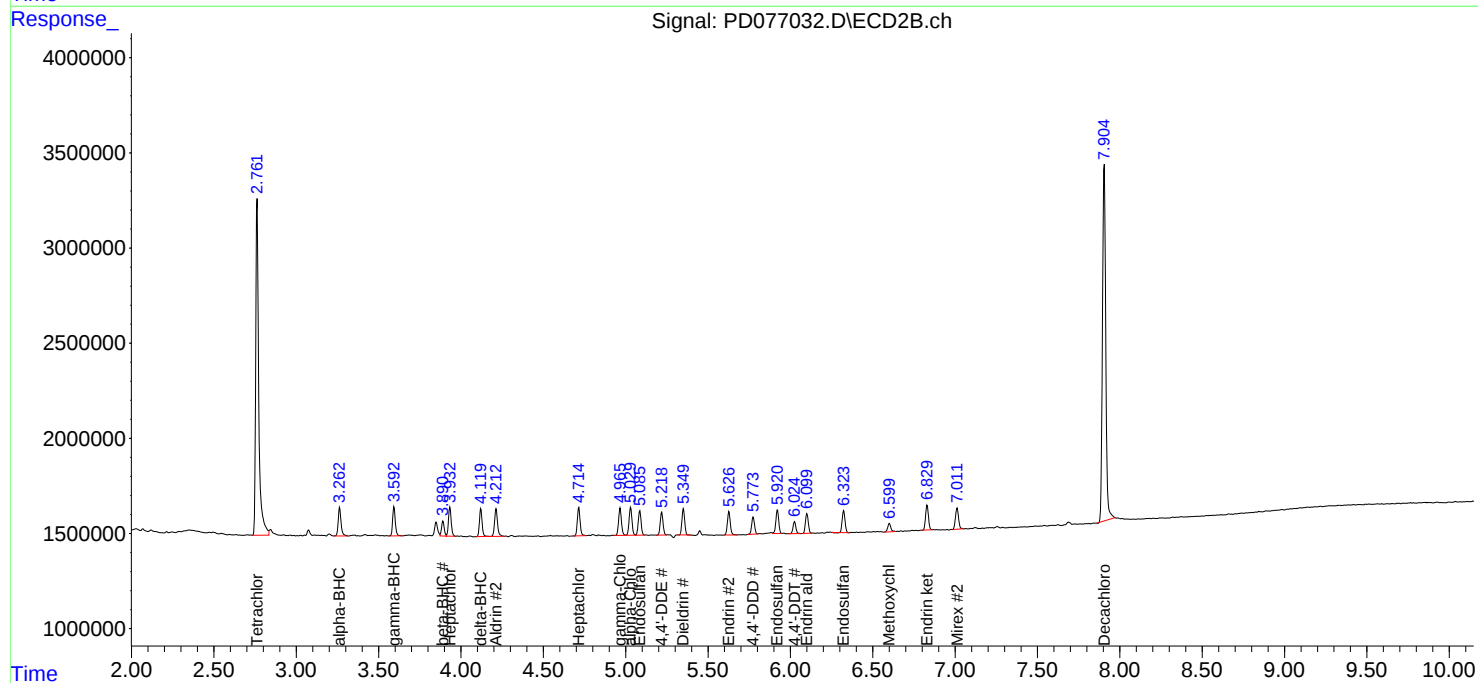
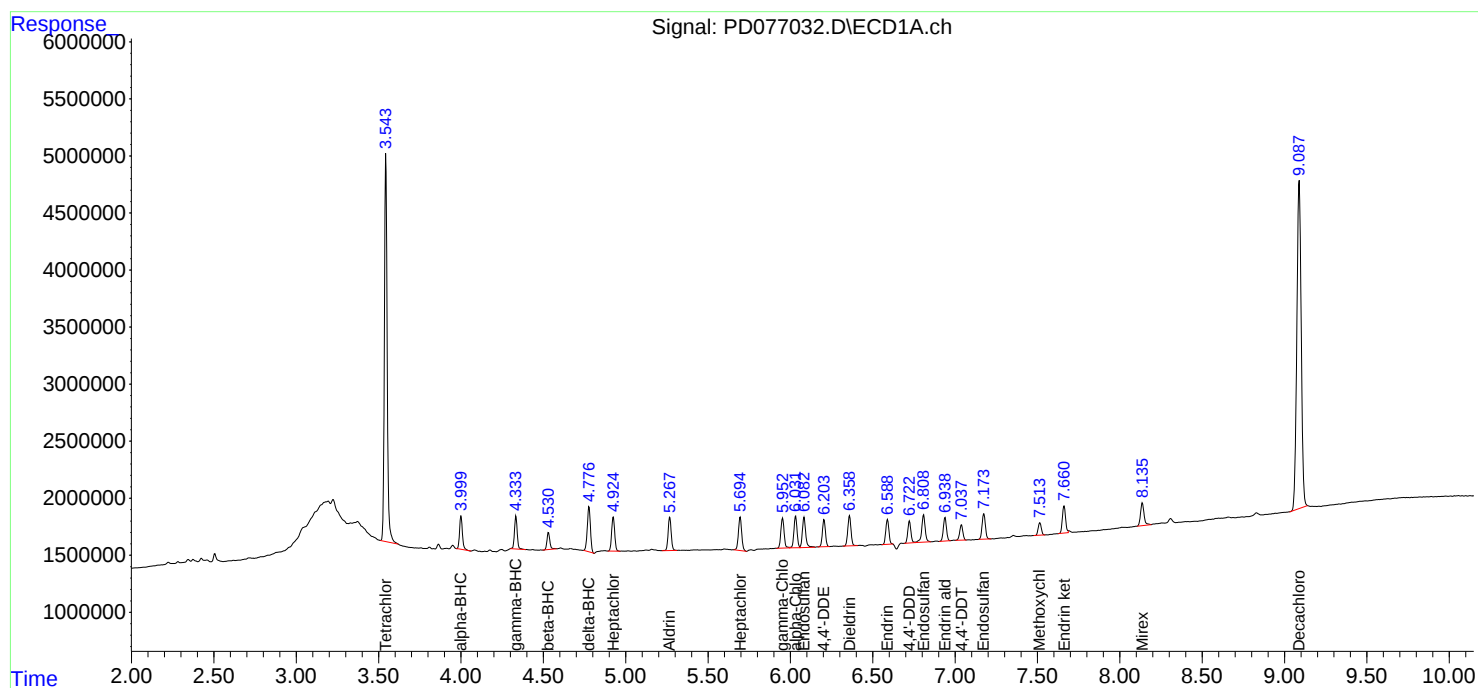
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

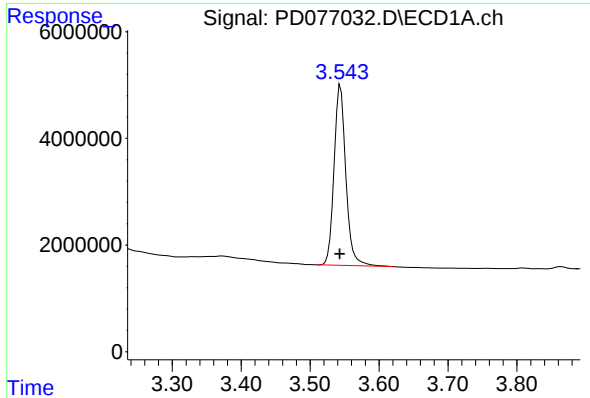
Manual Integrations
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Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:34:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





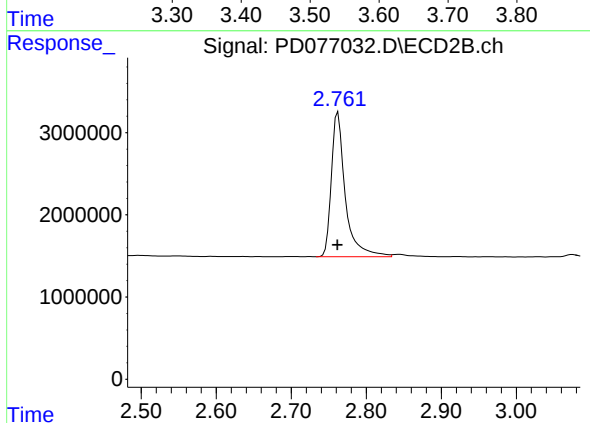
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.001 min
Response: 40143294
Conc: 16.96 ng/ml

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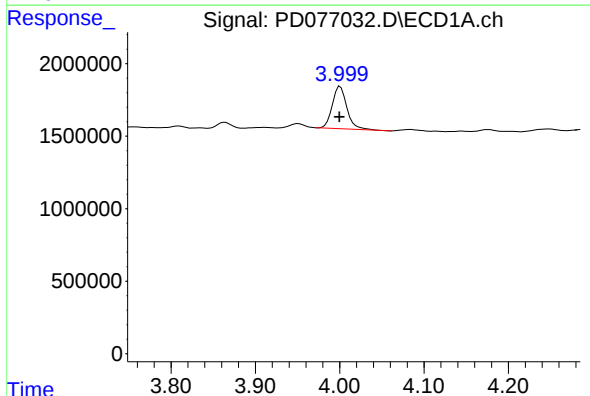
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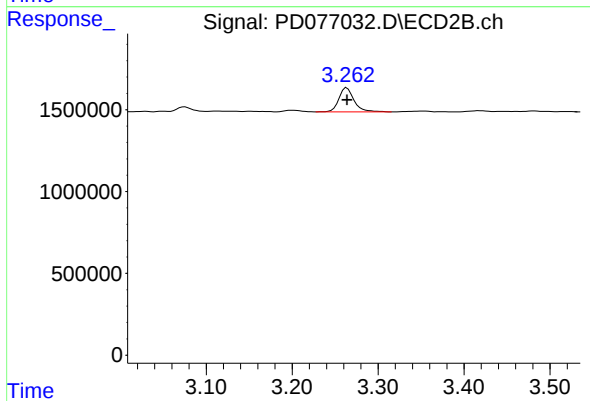
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 22711747
Conc: 16.67 ng/ml



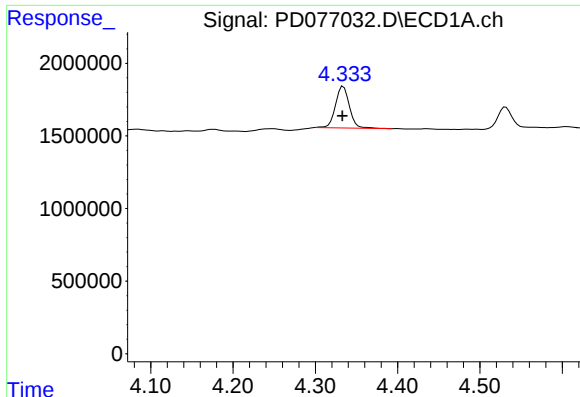
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.001 min
Response: 3528600
Conc: 0.92 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 1808362
Conc: 0.93 ng/ml



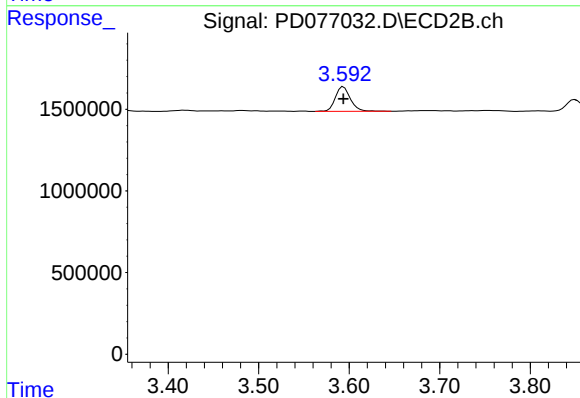
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.001 min
Response: 3371594
Conc: 0.92 ng/ml

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

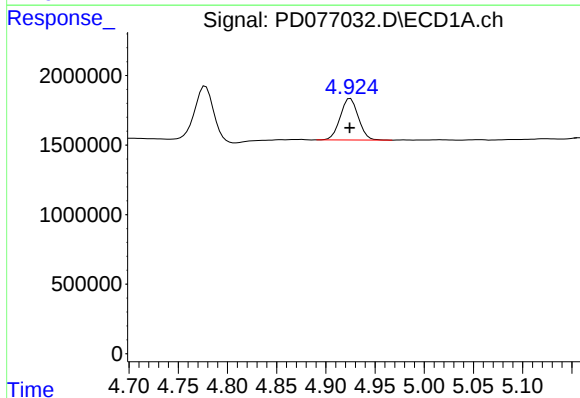
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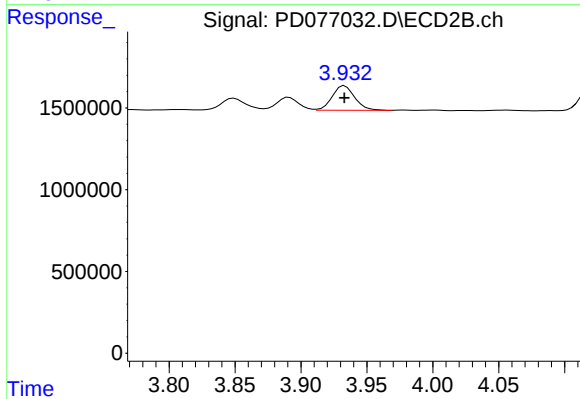
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 1736087
Conc: 0.93 ng/ml



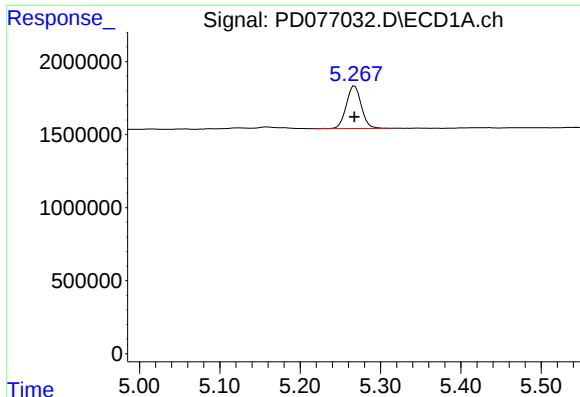
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 3825149
Conc: 1.06 ng/ml



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 1780107
Conc: 0.98 ng/ml



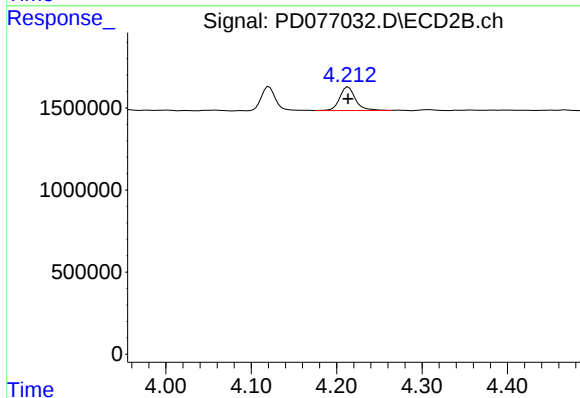
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 3789434
Conc: 1.03 ng/ml

Instrument :
ECD_D
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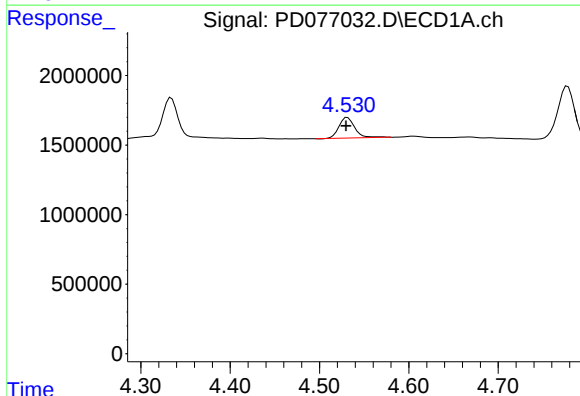
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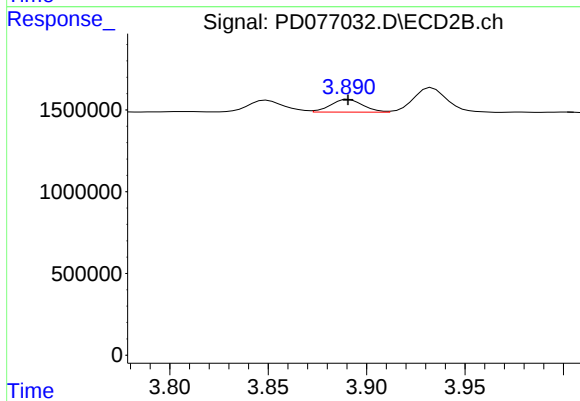
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 1832029
Conc: 0.99 ng/ml



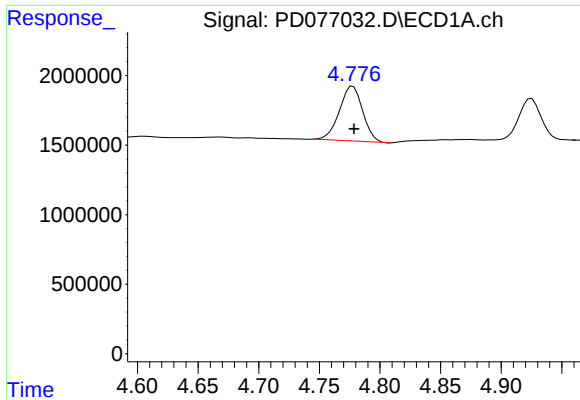
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 1824526
Conc: 1.21 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 894207
Conc: 1.17 ng/ml



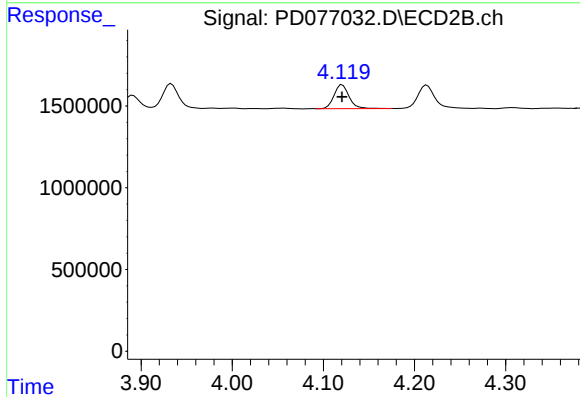
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 5255833
Conc: 1.51 ng/ml

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

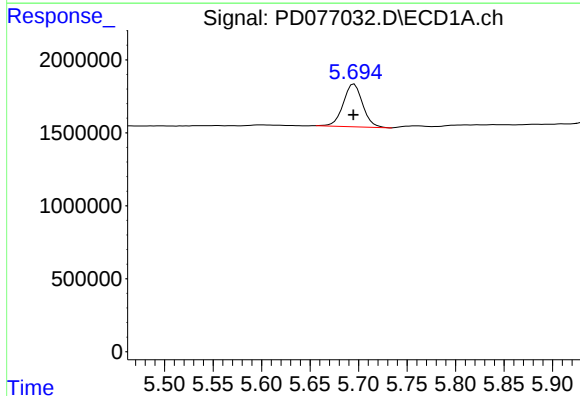
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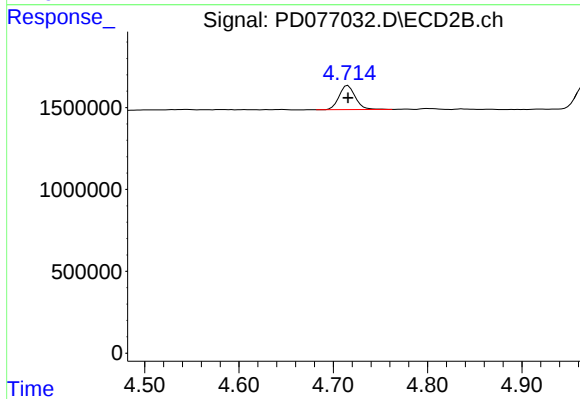
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 1677143
Conc: 0.94 ng/ml



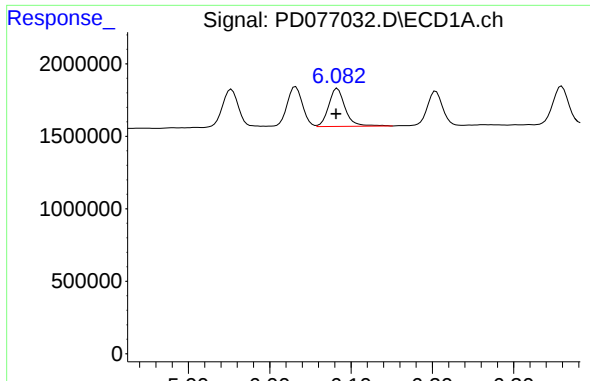
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 4092290
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 1756293
Conc: 1.05 ng/ml



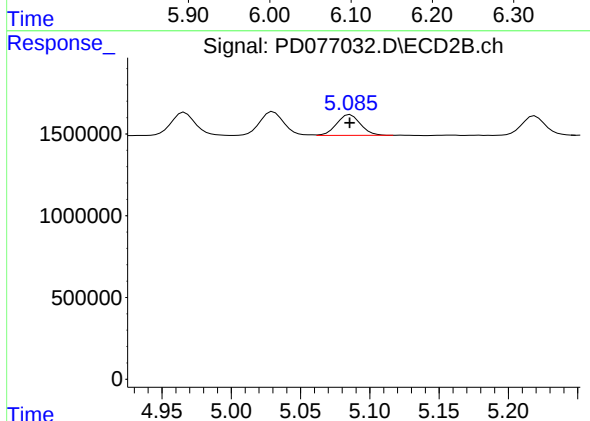
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 3738320
Conc: 1.23 ng/ml

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

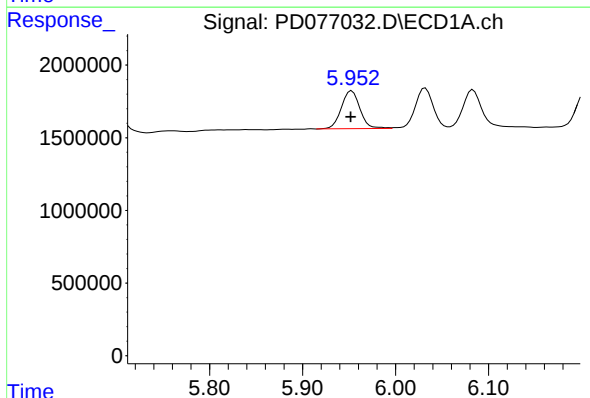
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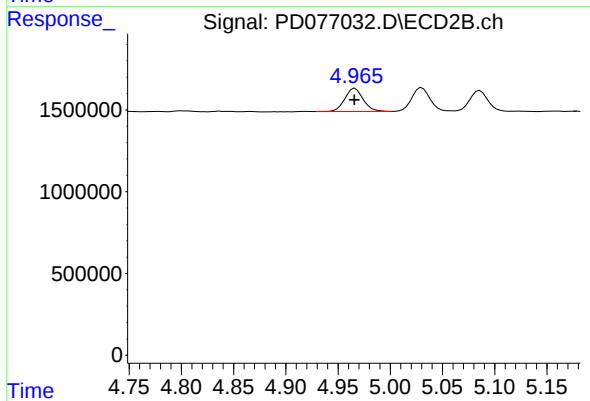
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 1522693
Conc: 0.98 ng/ml



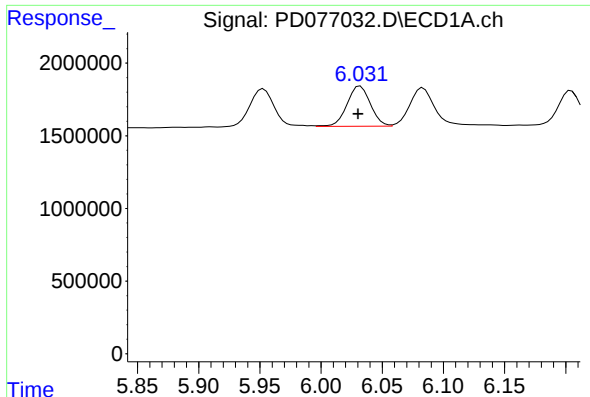
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 3609664
Conc: 1.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 1729744
Conc: 1.04 ng/ml



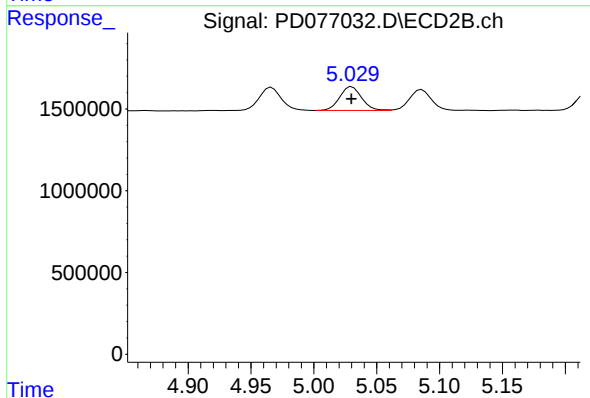
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 3675566
Conc: 1.12 ng/ml

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

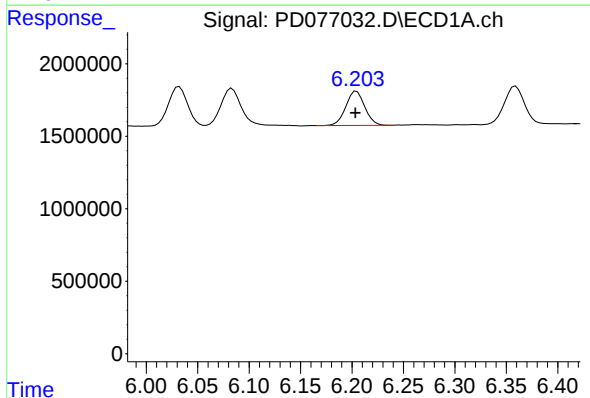
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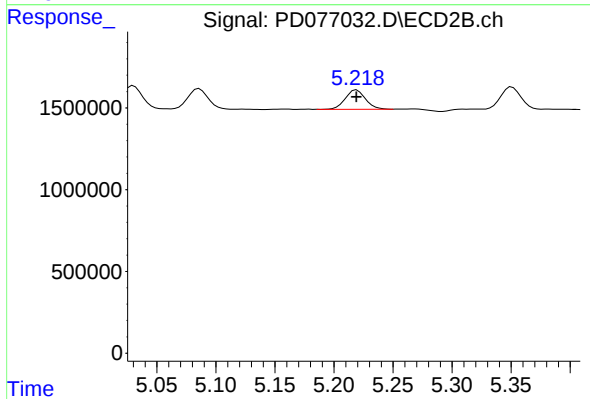
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 1767097
Conc: 1.06 ng/ml



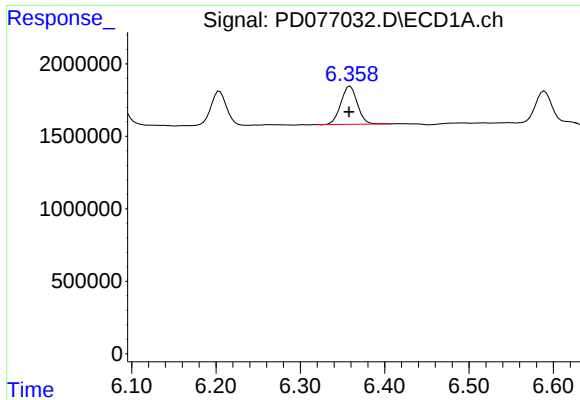
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 3030753
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1400010
Conc: 0.97 ng/ml



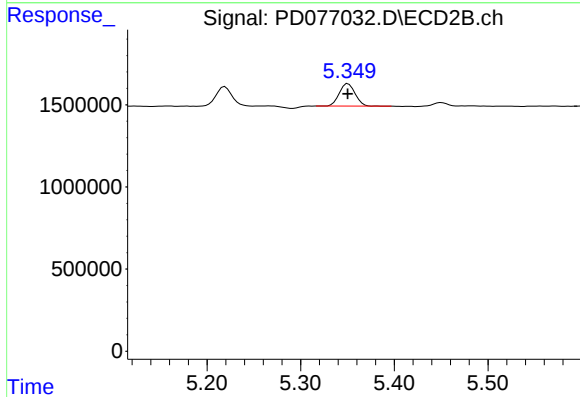
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.001 min
Response: 3576022
Conc: 1.09 ng/ml

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

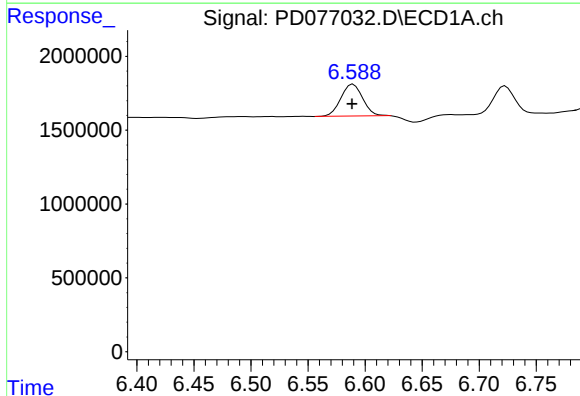
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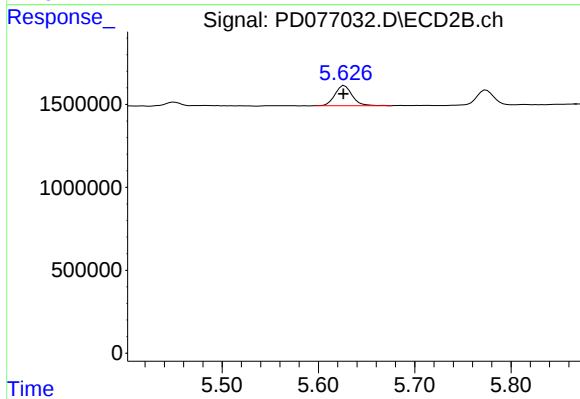
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 1597411
Conc: 0.95 ng/ml



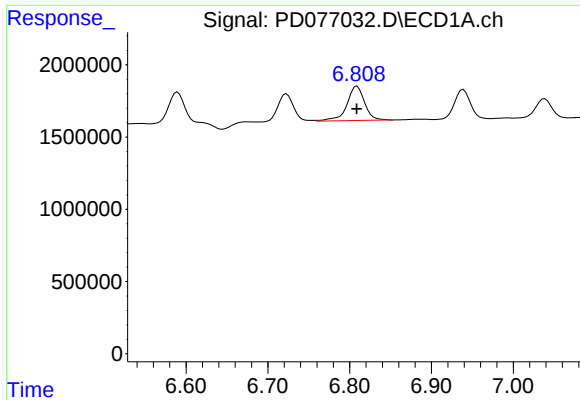
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 2853631
Conc: 1.03 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 1513246
Conc: 1.03 ng/ml



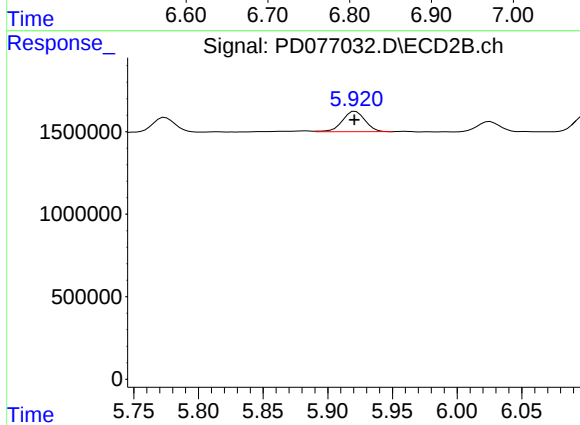
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 3539278
Conc: 1.11 ng/ml

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

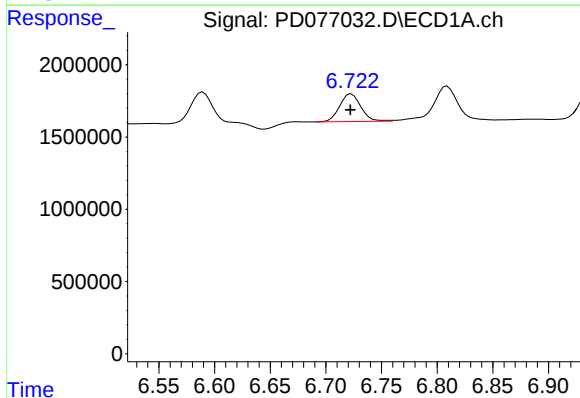
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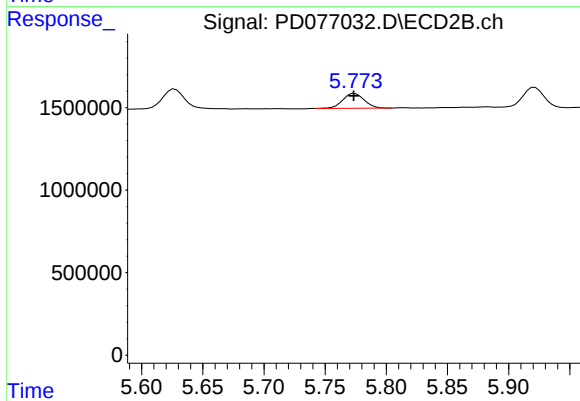
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1509785
Conc: 1.02 ng/ml



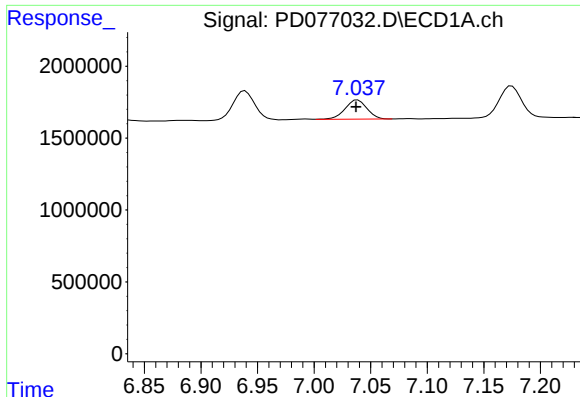
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2524916
Conc: 1.07 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1093723
Conc: 0.98 ng/ml



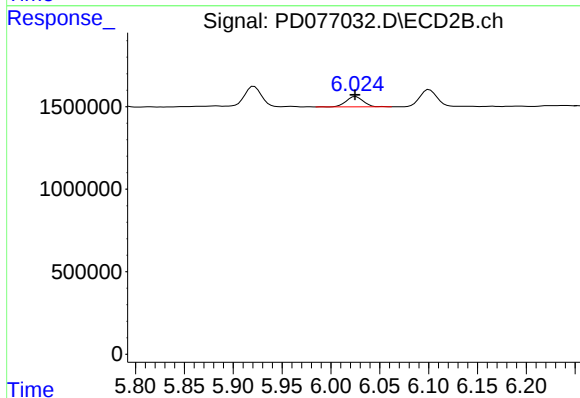
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.001 min
Response: 1794653
Conc: 0.74 ng/ml

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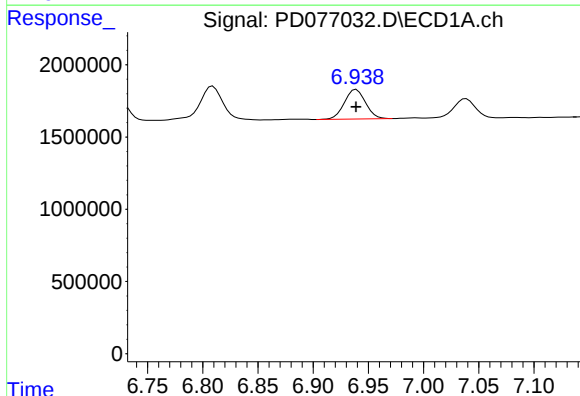
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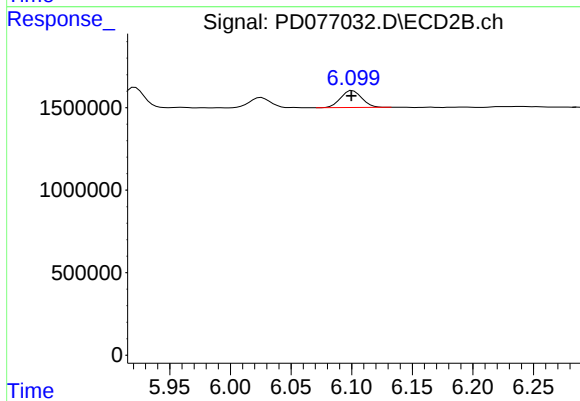
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 774690
Conc: 0.70 ng/ml



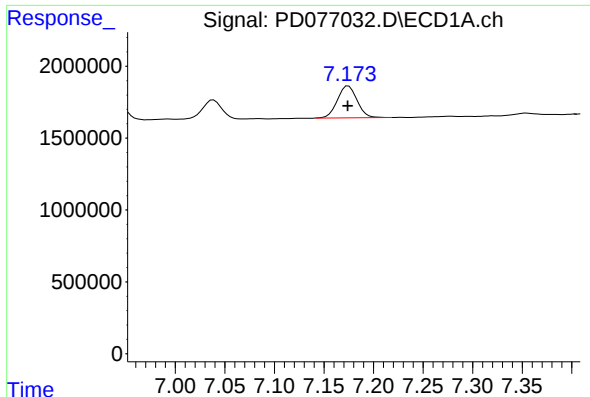
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2735443
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 1251047
Conc: 1.10 ng/ml



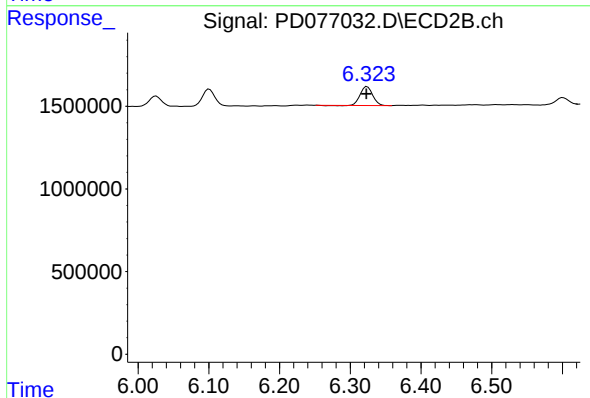
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 3070547
Conc: 1.18 ng/ml

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

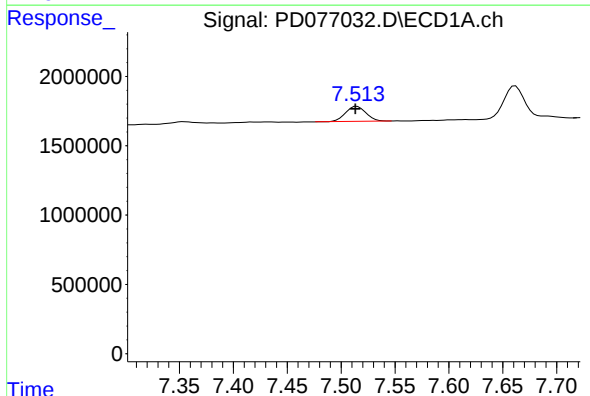
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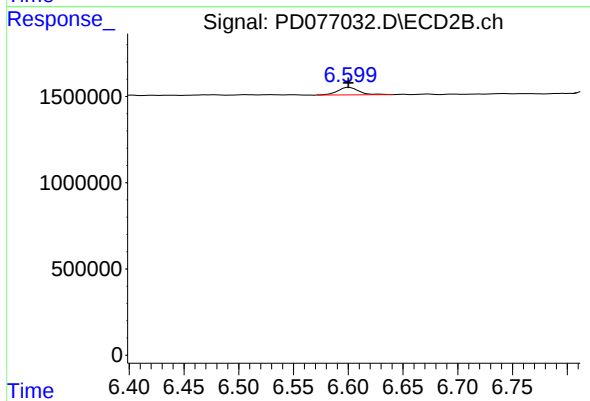
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 1385397
Conc: 1.04 ng/ml



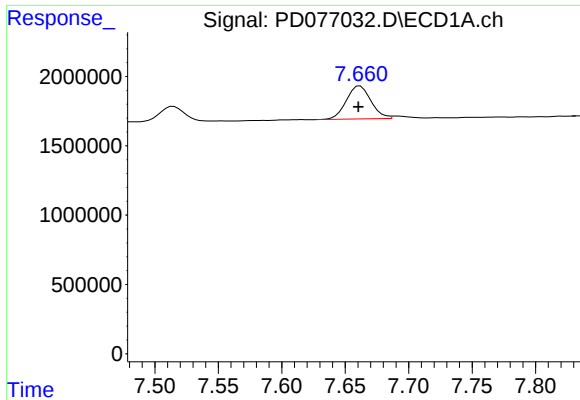
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.001 min
Response: 1427003
Conc: 1.01 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 580350
Conc: 0.97 ng/ml



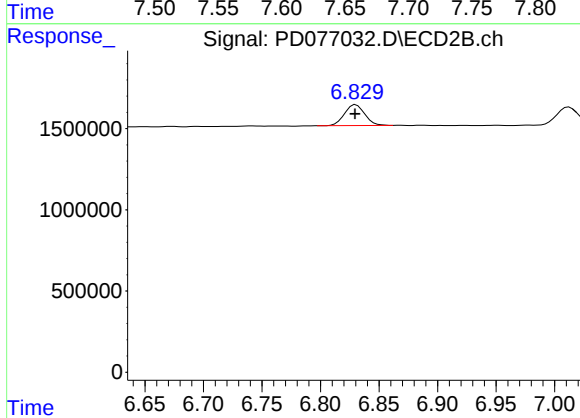
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 3217545
Conc: 1.07 ng/ml

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

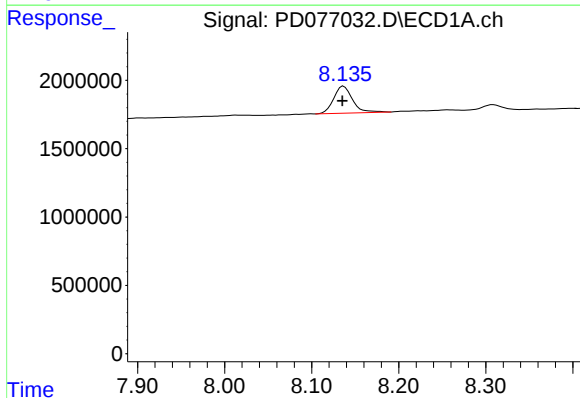
Manual Integrations
APPROVED

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



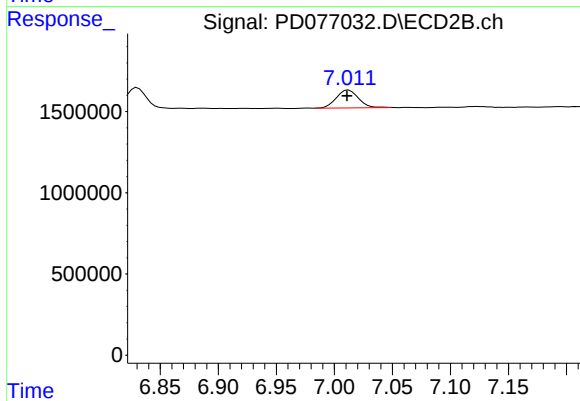
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 1546839
Conc: 0.98 ng/ml



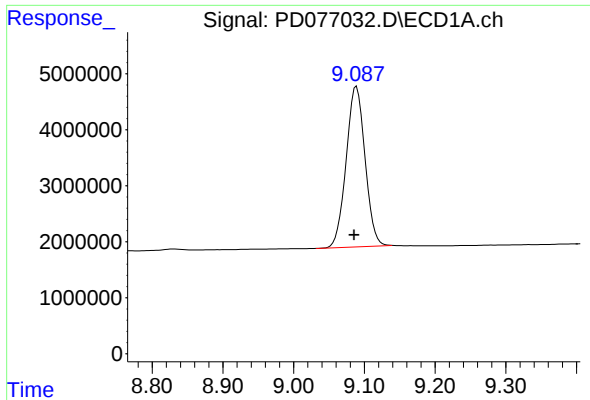
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.001 min
Response: 2994405
Conc: 1.31 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.002 min
Response: 1459042
Conc: 1.13 ng/ml



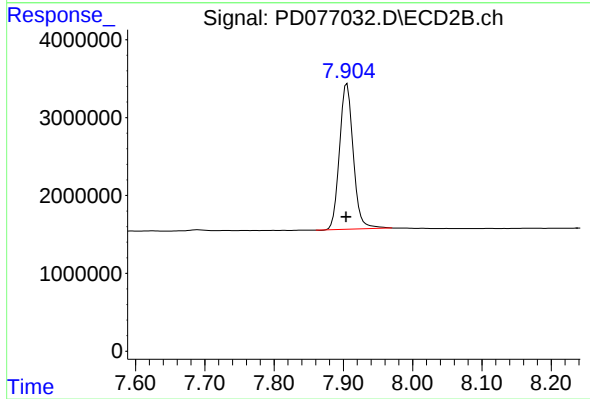
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 53220939
Conc: 19.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.001 min
Response: 25762004
Conc: 18.00 ng/ml