

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 19:10
 Operator : AR\AJ
 Sample : 03473-13MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CMC-EME-TOPSOIL-009MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:39:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.545	2.767	31979072	15512092	15.013	14.298
28)	SA Decachlor...	9.083	7.909	19846421	8221962	7.834	8.409
Target Compounds							
2)	A alpha-BHC	4.002	3.268	216.5E6	92145510	58.649	57.600
3)	MA gamma-BHC...	4.335	3.598	196.8E6	84713555	58.472	57.494
4)	MA Heptachlor	4.926	3.938	203.3E6	86500303	56.670	56.951
5)	MB Aldrin	5.269	4.218	196.6E6	83838787	56.096	56.223
6)	B beta-BHC	4.531	3.895	79070683	35808666	54.997	56.178
7)	B delta-BHC	4.780	4.125	189.7E6	84038570	57.077	57.998
8)	B Heptachlo...	5.696	4.720	176.1E6	75700135	54.657	55.109
9)	A Endosulfan I	6.083	5.090	167.1E6	71151903	55.698	55.665
10)	B gamma-Chl...	5.953	4.971	185.8E6	79530300	57.663	57.962
11)	B alpha-Chl...	6.032	5.034	185.3E6	77810983	57.319	56.723
12)	B 4,4'-DDE	6.204	5.224	165.0E6	71588023	57.732	64.138
13)	MA Dieldrin	6.358	5.355	173.9E6	75650657	55.642	56.072
14)	MA Endrin	6.589	5.631	151.0E6	66100837	56.481	54.315
15)	B Endosulfa...	6.808	5.925	137.2E6	61526301	53.118	57.030
16)	A 4,4'-DDD	6.722	5.779	136.3E6	58256700	59.874	66.105
17)	MA 4,4'-DDT	7.037	6.030	131.1E6	55840360	57.756	68.744
18)	B Endrin al...	6.937	6.105	107.7E6	49570469	53.657m	57.274
19)	B Endosulfa...	7.173	6.327	141.4E6	62340828	56.139	57.690
20)	A Methoxychlor	7.513	6.605	69714175	30684340	53.859	66.295
21)	B Endrin ke...	7.660	6.833	154.8E6	70245012	55.569	57.817
22)	Mirex	8.135	7.016	112.4E6	54733273	52.478	52.215

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076261.D
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 Acq On : 30 Jun 2023 19:10
 Operator : AR\AJ
 Sample : 03473-13MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

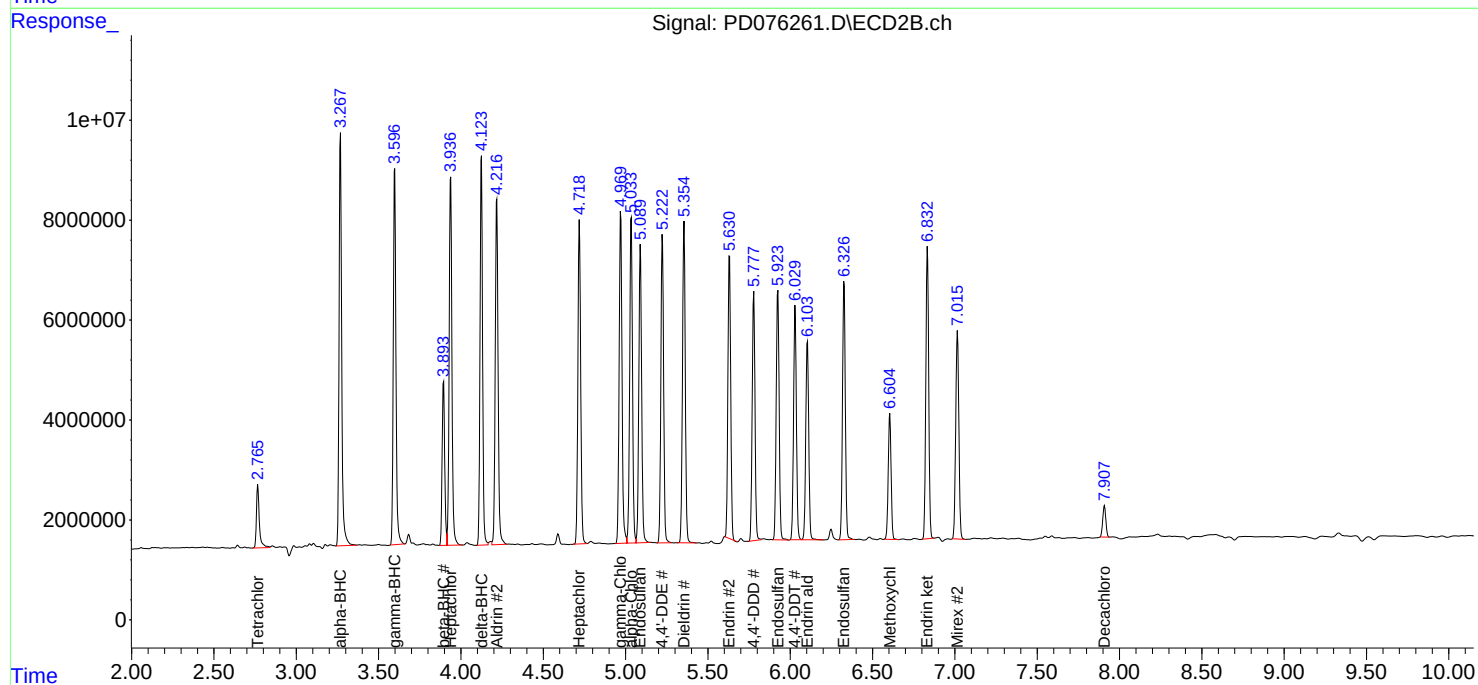
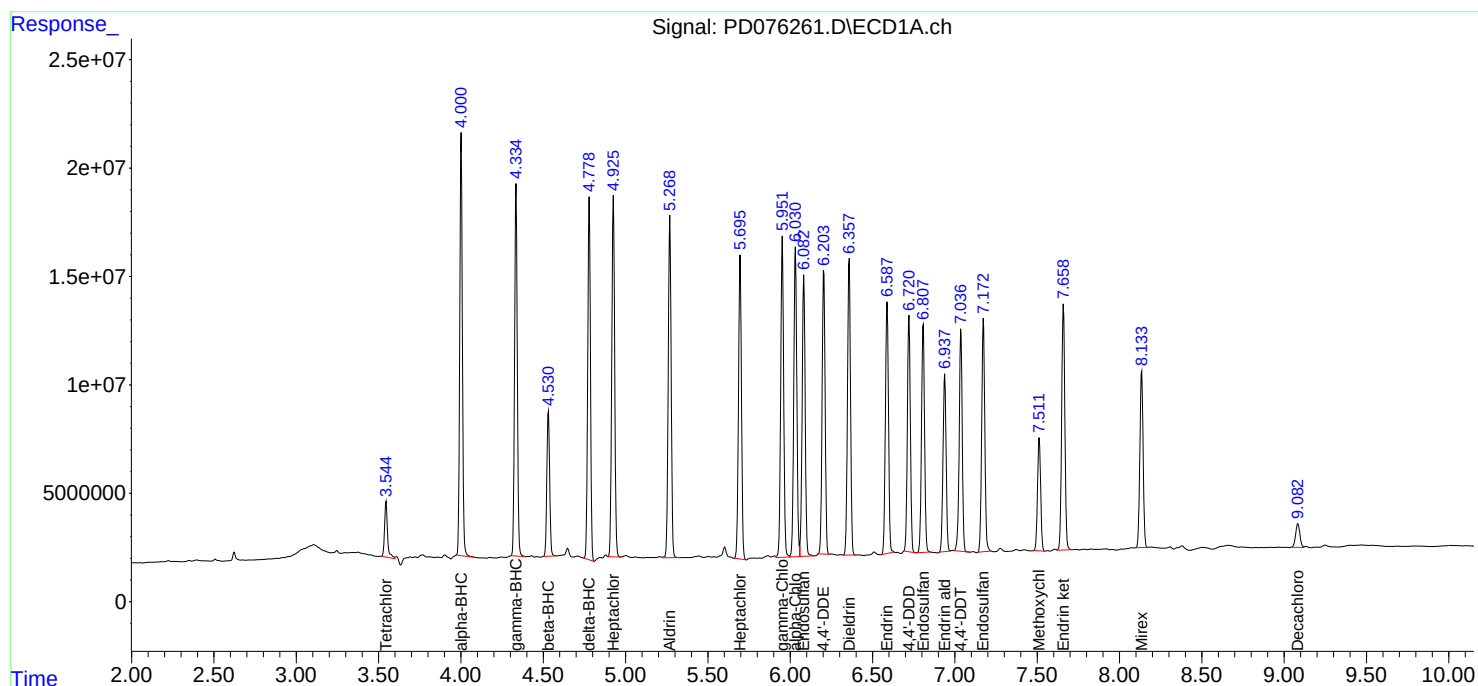
Instrument :
 ECD_D
 ClientSampleId :
 CMC-EME-TOPSOIL-009MSD

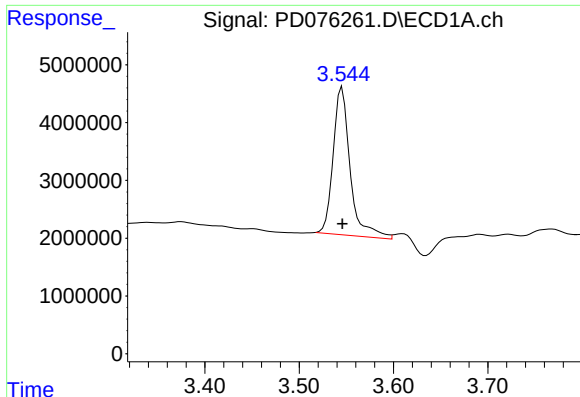
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 01 00:39:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
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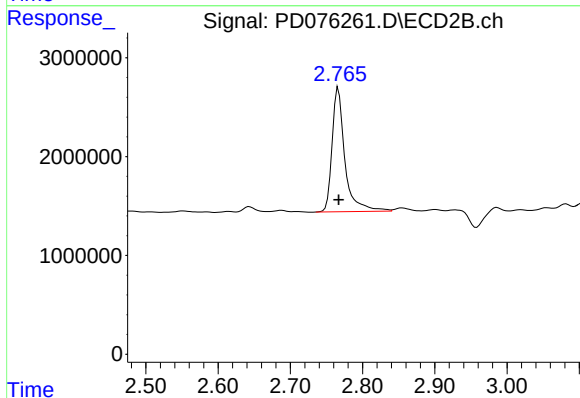
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 31979072
Conc: 15.01 ng/ml

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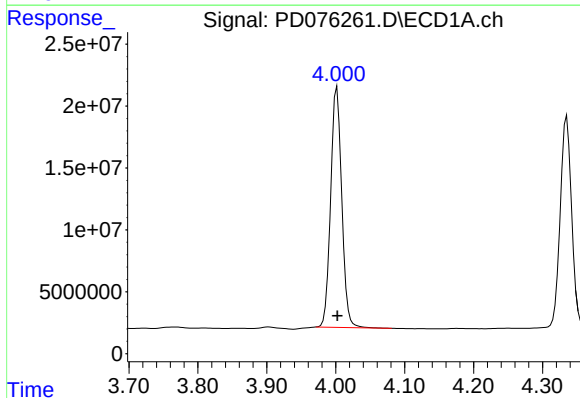
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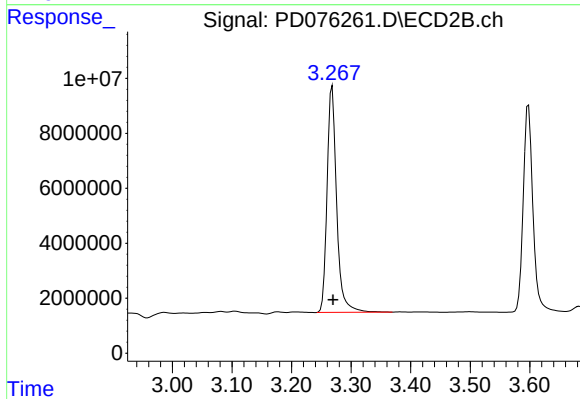
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 15512092
Conc: 14.30 ng/ml



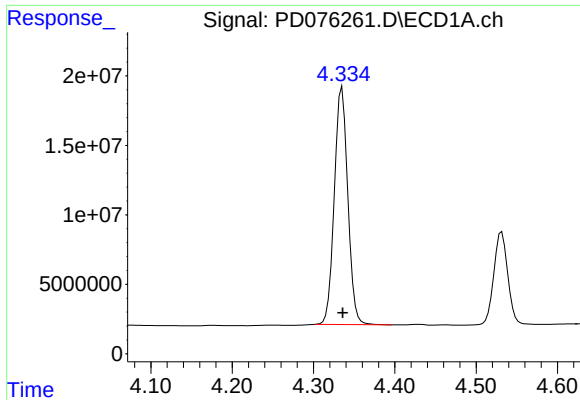
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 216536359
Conc: 58.65 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.001 min
Response: 92145510
Conc: 57.60 ng/ml



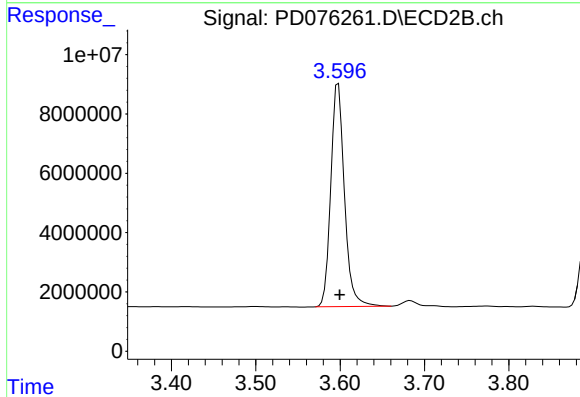
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 196753681
Conc: 58.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

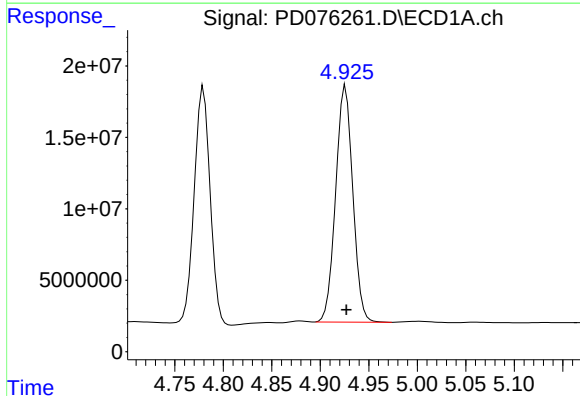
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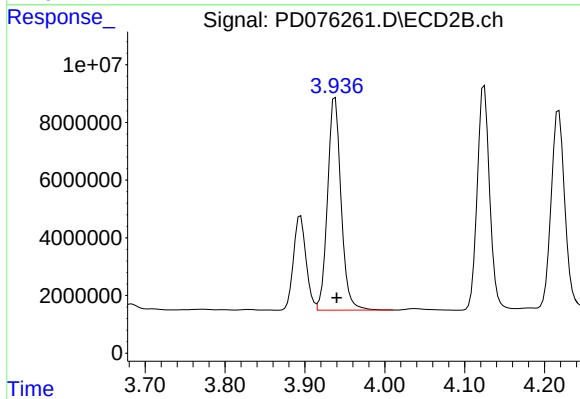
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.002 min
Response: 84713555
Conc: 57.49 ng/ml



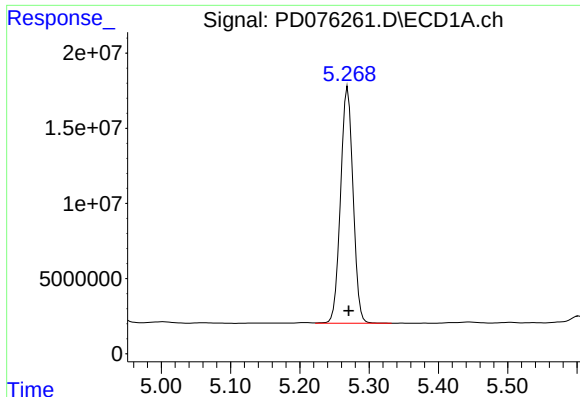
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 203254533
Conc: 56.67 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 86500303
Conc: 56.95 ng/ml



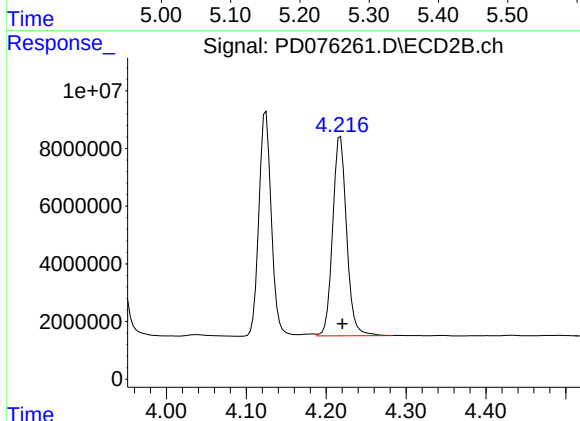
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 196574048
Conc: 56.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

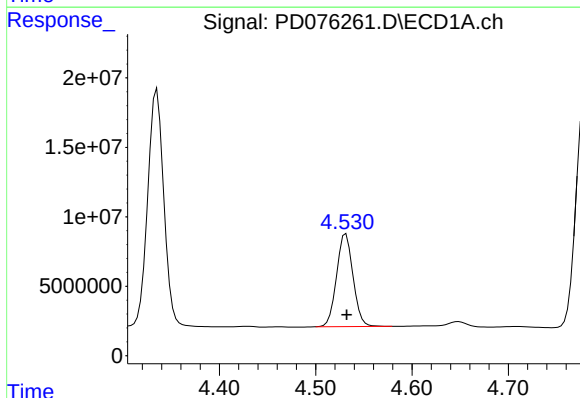
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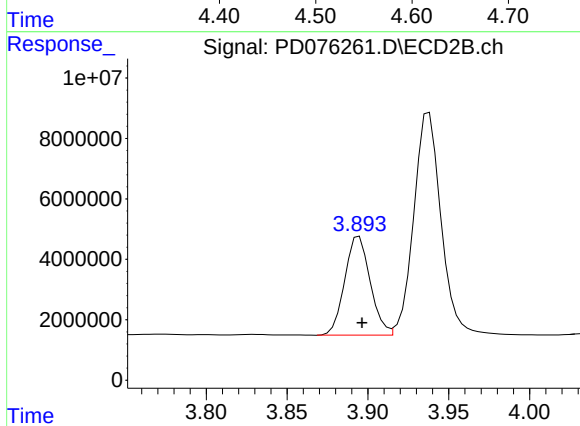
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 83838787
Conc: 56.22 ng/ml



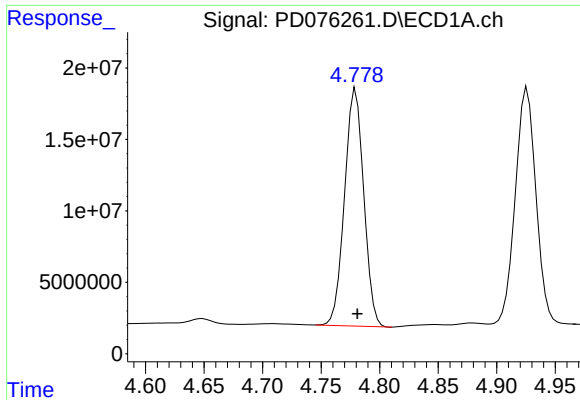
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 79070683
Conc: 55.00 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 35808666
Conc: 56.18 ng/ml



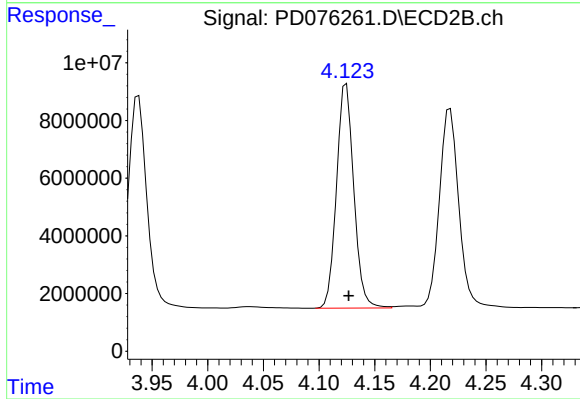
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 189703033
Conc: 57.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

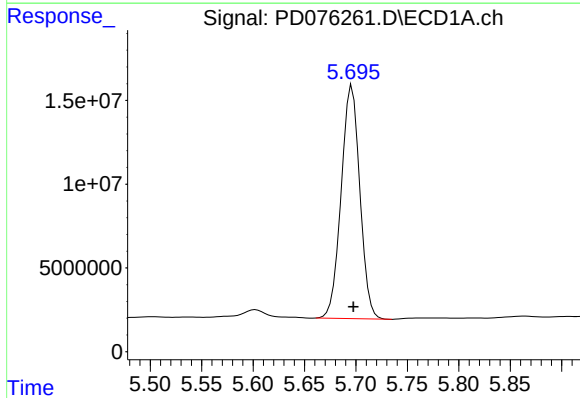
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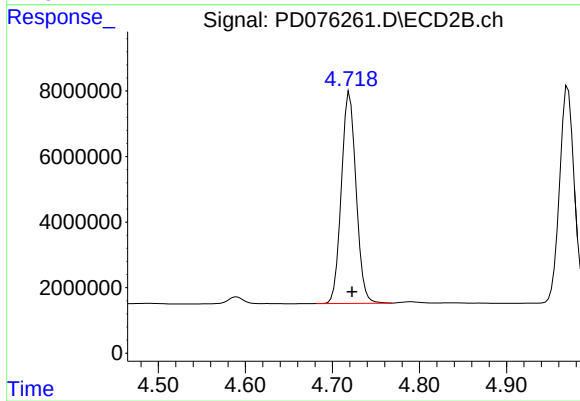
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.002 min
Response: 84038570
Conc: 58.00 ng/ml



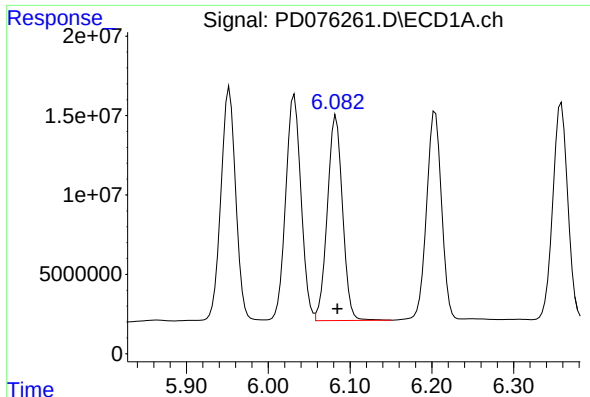
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 176120541
Conc: 54.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 75700135
Conc: 55.11 ng/ml



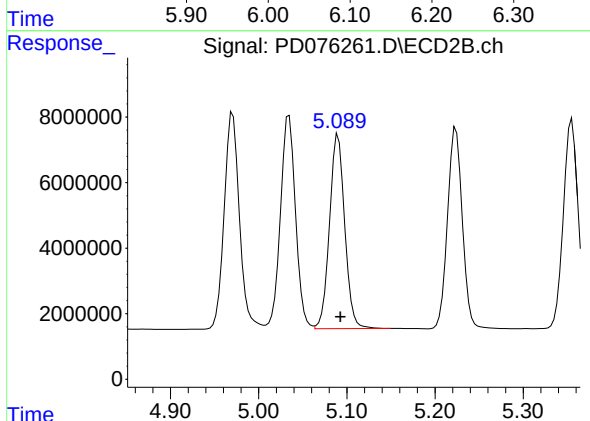
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 167066645
Conc: 55.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

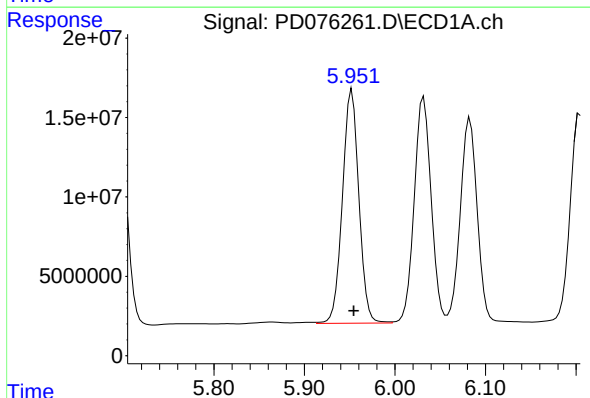
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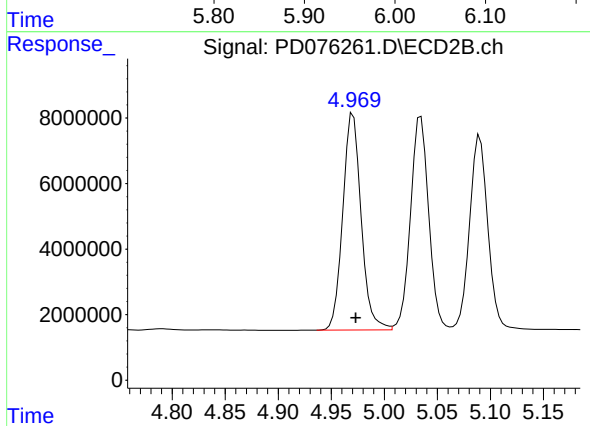
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 71151903
Conc: 55.67 ng/ml



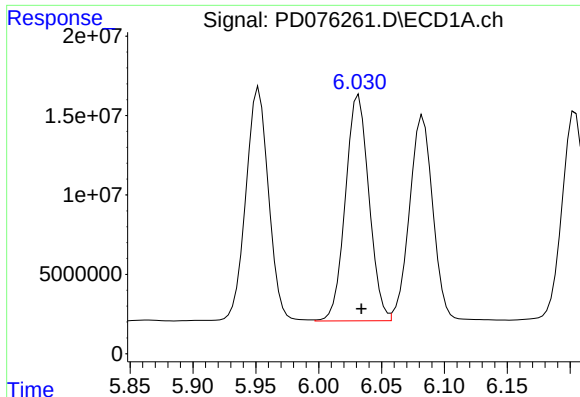
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 185751745
Conc: 57.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 79530300
Conc: 57.96 ng/ml



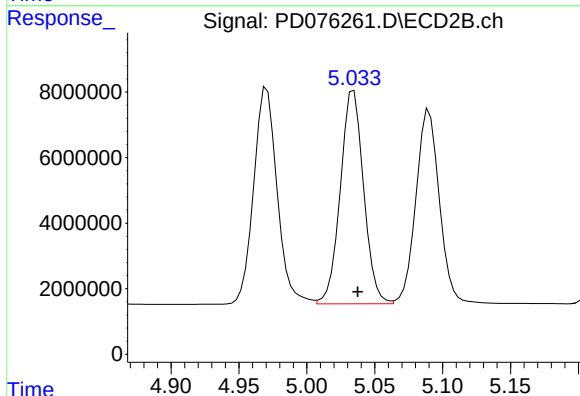
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 185307244
Conc: 57.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

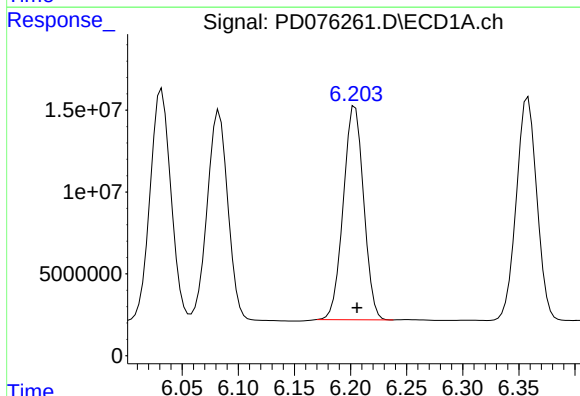
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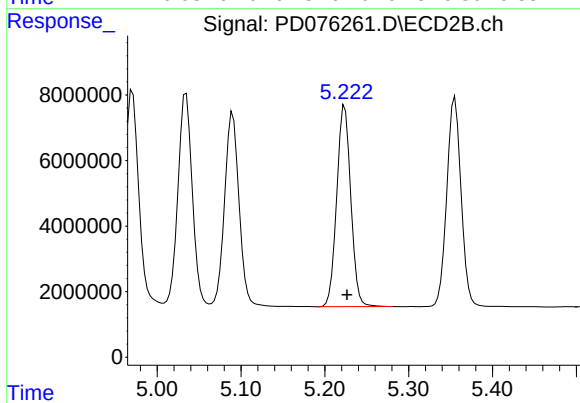
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 77810983
Conc: 56.72 ng/ml



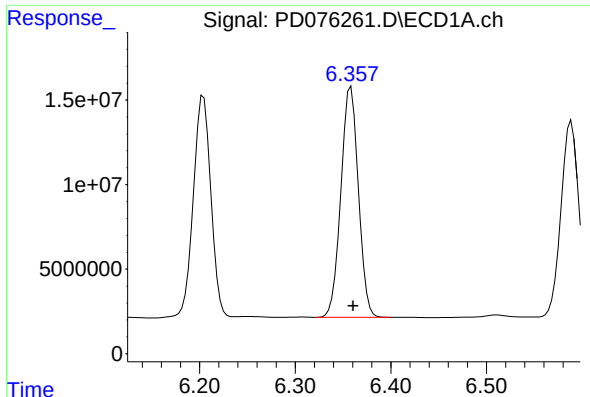
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 165007763
Conc: 57.73 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 71588023
Conc: 64.14 ng/ml



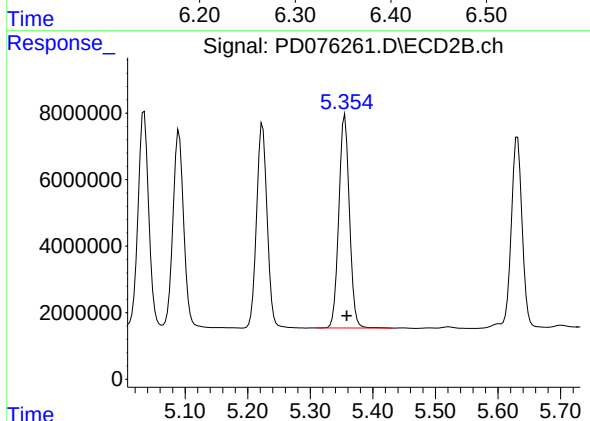
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 173880326
Conc: 55.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
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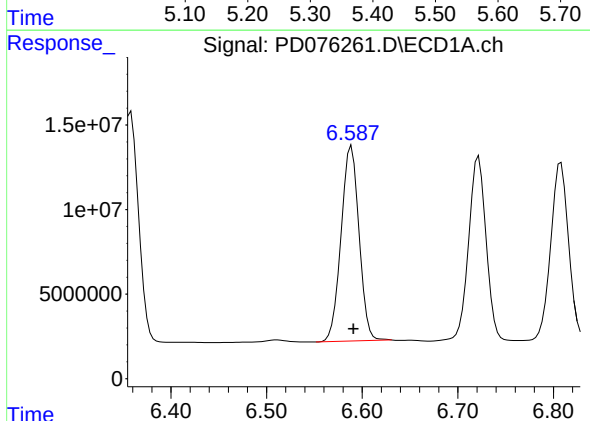
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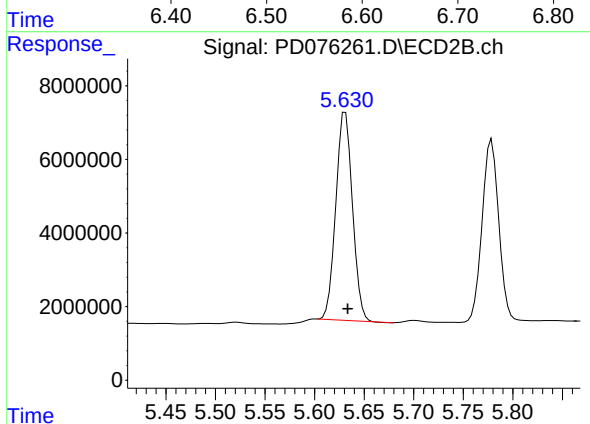
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 75650657
Conc: 56.07 ng/ml



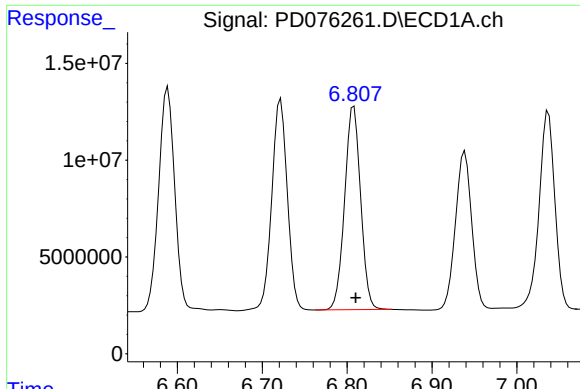
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 151049534
Conc: 56.48 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 66100837
Conc: 54.31 ng/ml



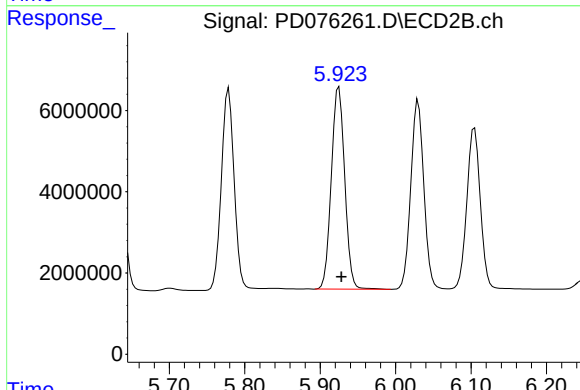
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 137238349
Conc: 53.12 ng/ml

Instrument :
ECD_D
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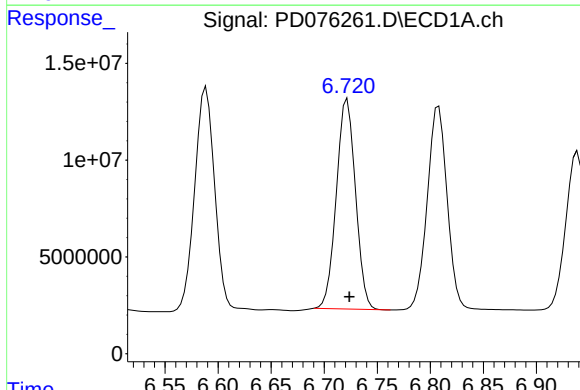
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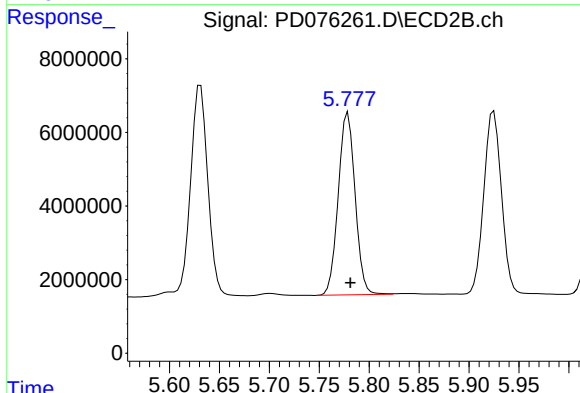
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 61526301
Conc: 57.03 ng/ml



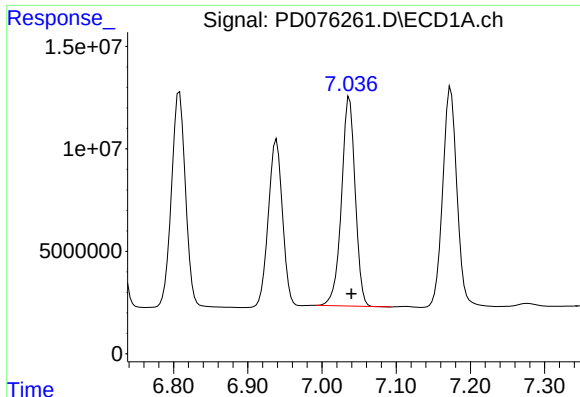
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 136251397
Conc: 59.87 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 58256700
Conc: 66.11 ng/ml



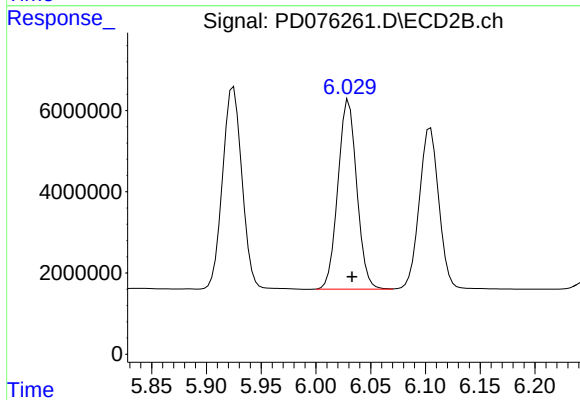
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 131064258
Conc: 57.76 ng/ml

Instrument :
ECD_D
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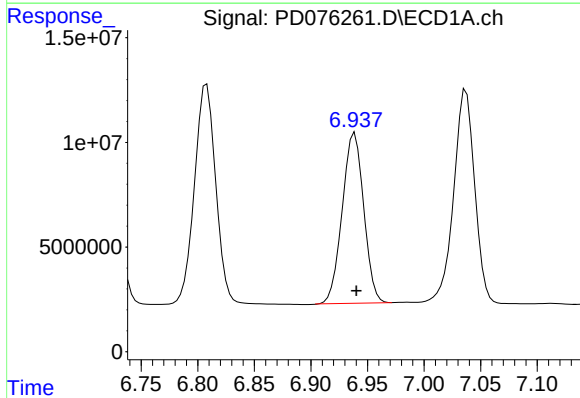
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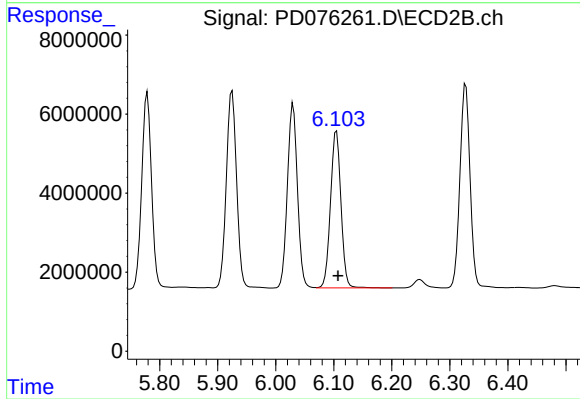
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 55840360
Conc: 68.74 ng/ml



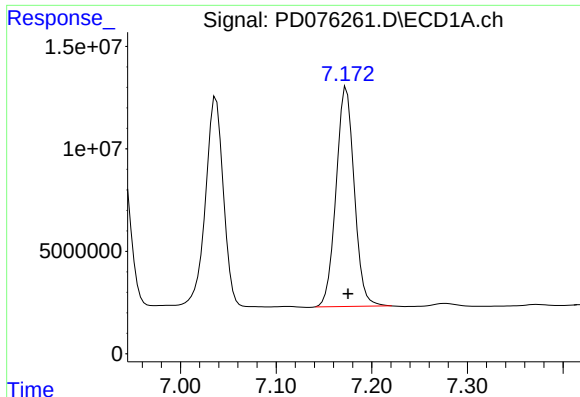
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 107667426
Conc: 53.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 49570469
Conc: 57.27 ng/ml



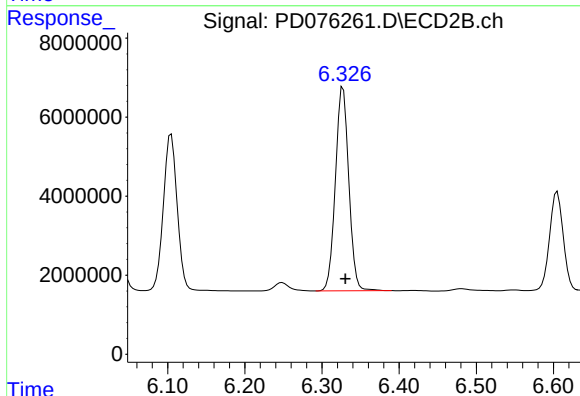
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 141433031
Conc: 56.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

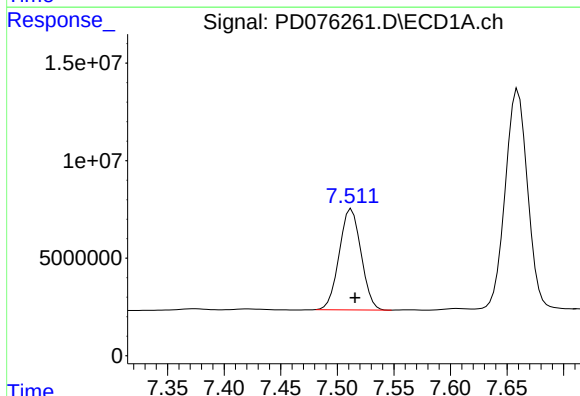
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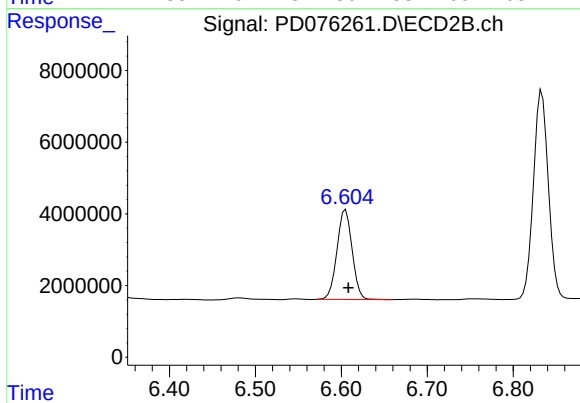
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 62340828
Conc: 57.69 ng/ml



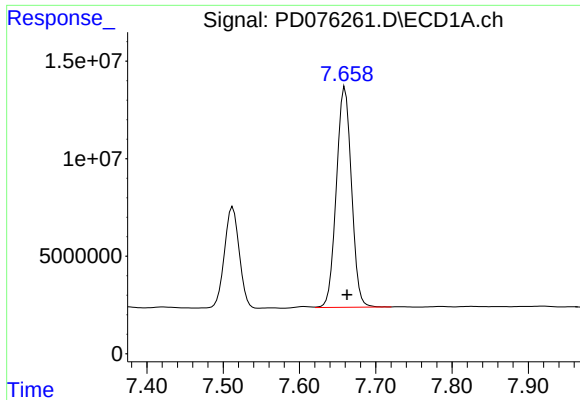
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 69714175
Conc: 53.86 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 30684340
Conc: 66.30 ng/ml



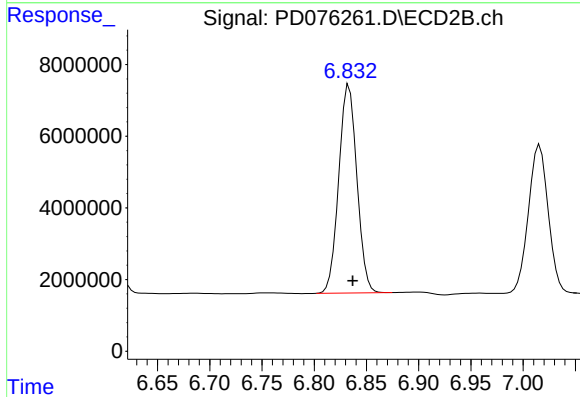
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 154813317
Conc: 55.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

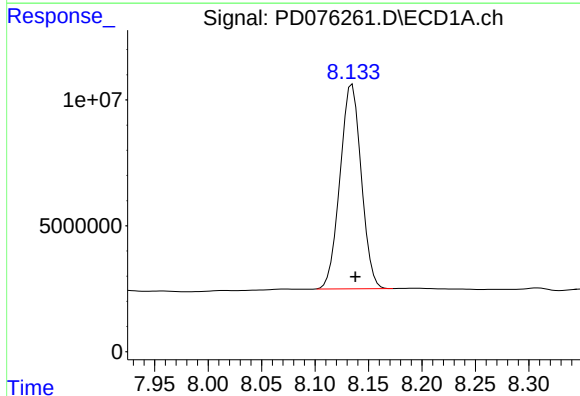
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/03/2023
Supervised By :Ankita Jodhani 07/05/2023



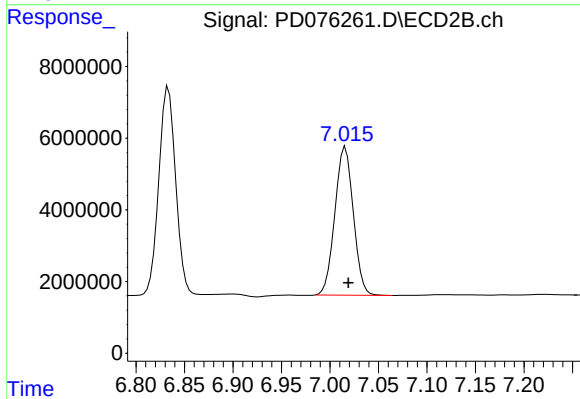
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 70245012
Conc: 57.82 ng/ml



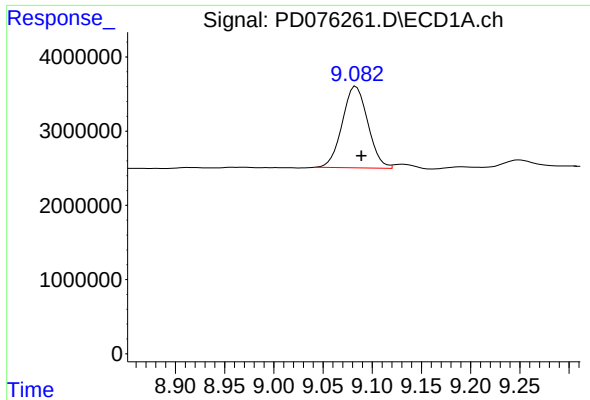
#22 Mirex

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 112435945
Conc: 52.48 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 54733273
Conc: 52.22 ng/ml



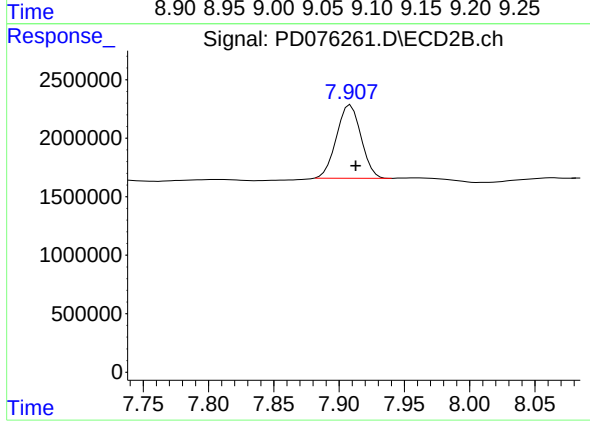
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.006 min
Response: 19846421
Conc: 7.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MSD

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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 8221962
Conc: 8.41 ng/ml