

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
 Data File : PD076260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2023 18:57
 Operator : AR\AJ
 Sample : 03473-13MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

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 00:39:11 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...	3.546	2.767	32930306	15520857	15.459	14.306
28)	SA Decachlor...	9.083	7.909	20303216	8411884	8.014	8.603
Target Compounds							
2)	A alpha-BHC	4.002	3.269	217.9E6	92522759	59.013	57.836
3)	MA gamma-BHC...	4.335	3.598	197.7E6	85288505	58.765	57.884
4)	MA Heptachlor	4.926	3.938	204.5E6	87133676	57.007	57.368
5)	MB Aldrin	5.269	4.218	197.6E6	84291404	56.399	56.526
6)	B beta-BHC	4.532	3.895	79655447	36082013	55.404	56.607
7)	B delta-BHC	4.780	4.125	191.2E6	84489093	57.527	58.309
8)	B Heptachlo...	5.696	4.721	177.6E6	76184117	55.103	55.462
9)	A Endosulfan I	6.083	5.091	168.6E6	72079406	56.197	56.391
10)	B gamma-Chl...	5.953	4.971	187.7E6	80303040	58.256	58.525
11)	B alpha-Chl...	6.032	5.035	186.9E6	78579148	57.825	57.283
12)	B 4,4'-DDE	6.204	5.224	166.1E6	72107815	58.129	64.603
13)	MA Dieldrin	6.359	5.356	175.3E6	75945917	56.108	56.291
14)	MA Endrin	6.589	5.631	151.3E6	66561303	56.573	54.693
15)	B Endosulfa...	6.808	5.925	137.7E6	62043687	53.302	57.509
16)	A 4,4'-DDD	6.722	5.779	136.2E6	58641613	59.871	66.542
17)	MA 4,4'-DDT	7.037	6.030	131.5E6	56531984	57.929	69.596
18)	B Endrin al...	6.937	6.104	109.0E6	50000292	54.329m	57.771
19)	B Endosulfa...	7.173	6.327	141.9E6	62841654	56.324	58.154
20)	A Methoxychlor	7.513	6.605	69527505	30941977	53.714	66.852
21)	B Endrin ke...	7.660	6.834	156.9E6	70948922	56.333	58.397
22)	Mirex	8.135	7.016	113.6E6	55186617	53.006	52.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063023\
Data File : PD076260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2023 18:57
Operator : AR\AJ
Sample : 03473-13MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

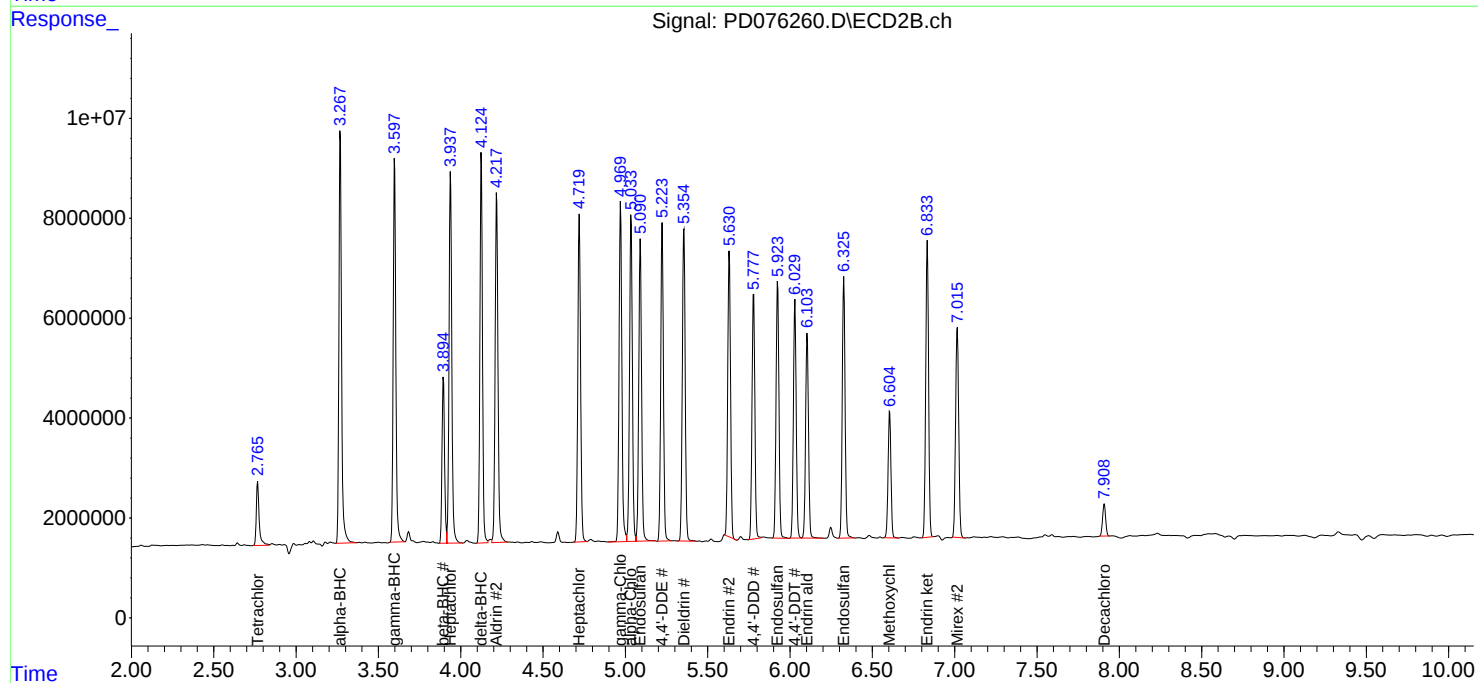
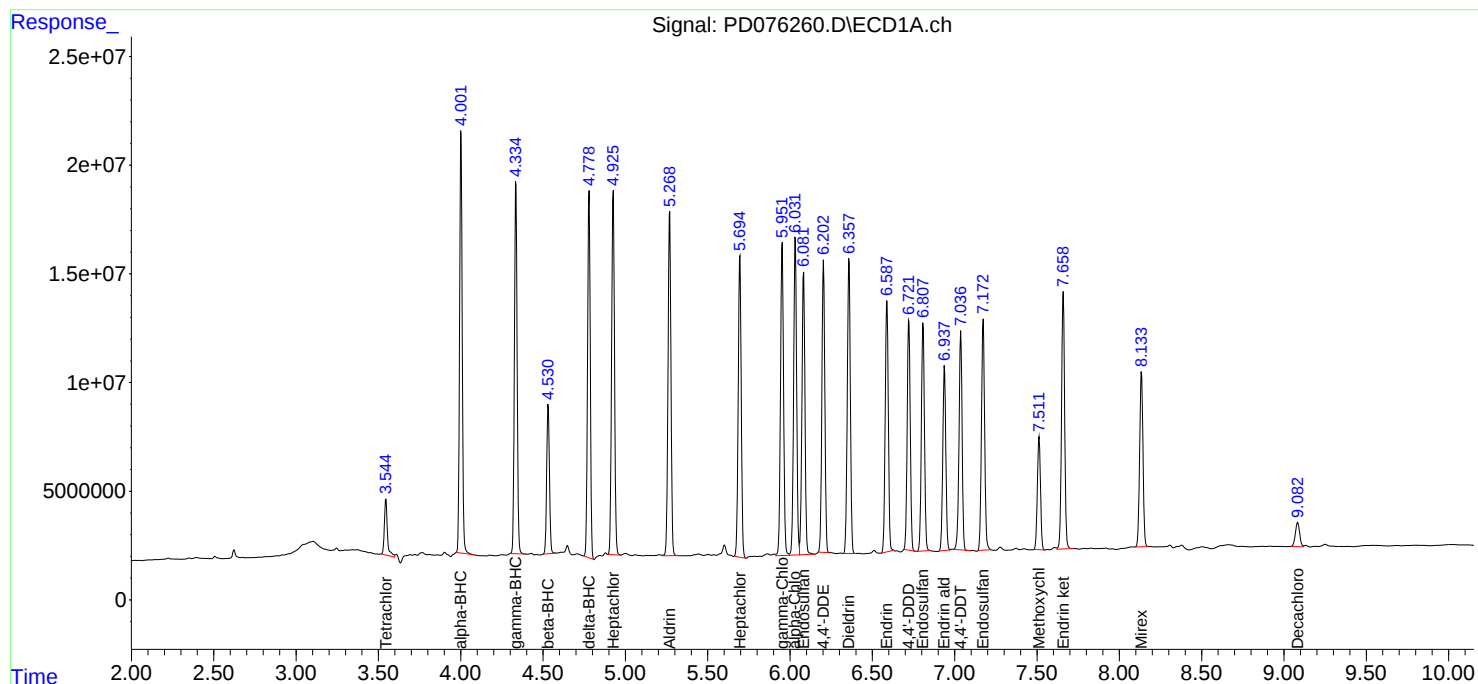
Instrument :
ECD_D
ClientSampleId :
CMC-EME-TOPSOIL-009MS

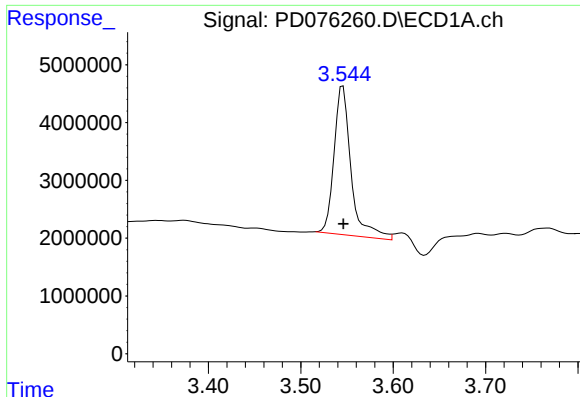
Manual Integrations
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Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 01 00:39:11 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





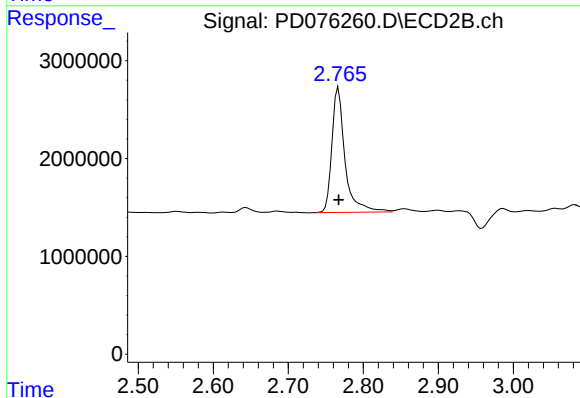
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 32930306
Conc: 15.46 ng/ml

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

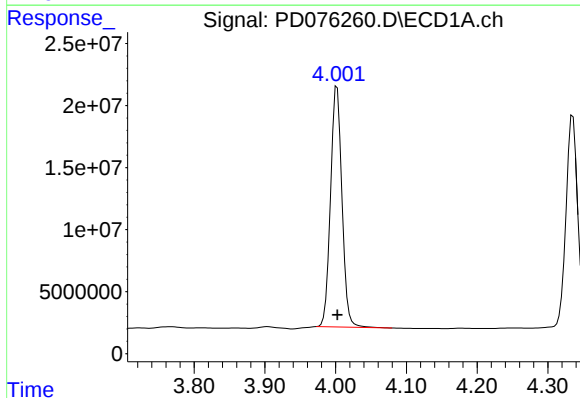
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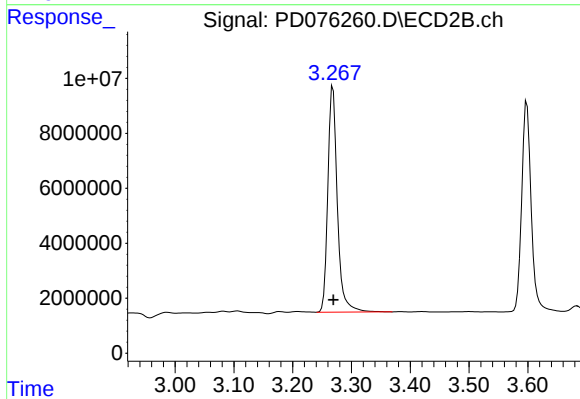
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 15520857
Conc: 14.31 ng/ml



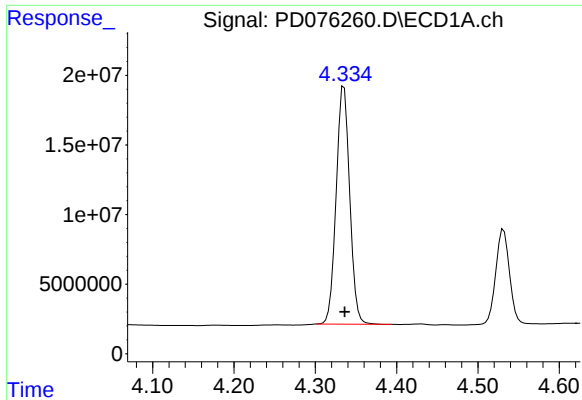
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 217881944
Conc: 59.01 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.001 min
Response: 92522759
Conc: 57.84 ng/ml



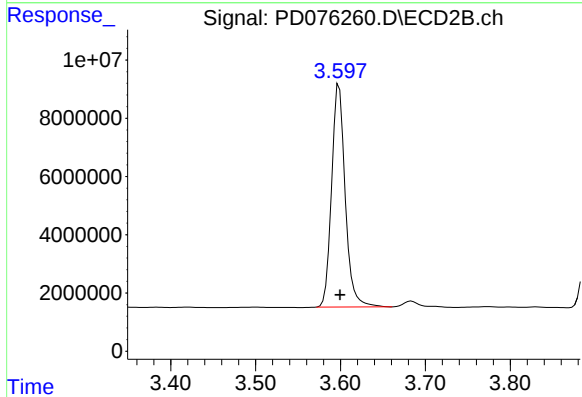
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 197738725
Conc: 58.77 ng/ml

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

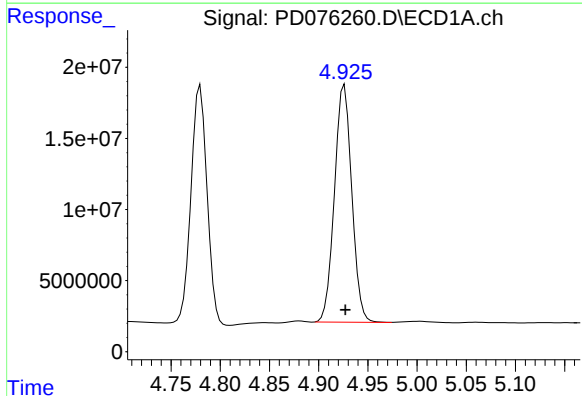
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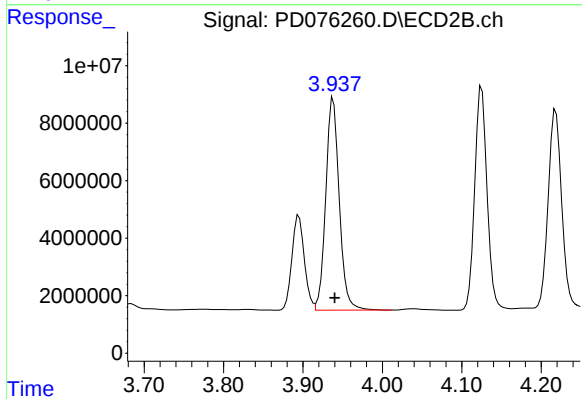
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 85288505
Conc: 57.88 ng/ml



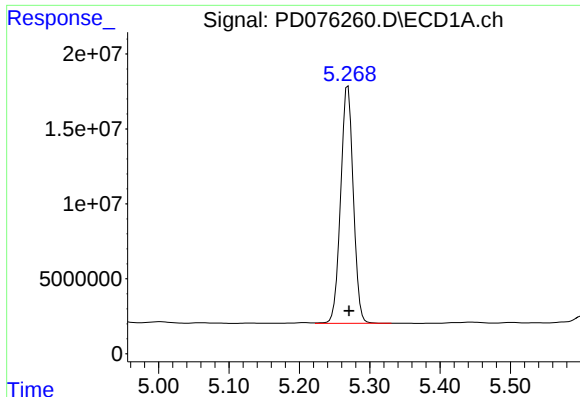
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 204462978
Conc: 57.01 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 87133676
Conc: 57.37 ng/ml



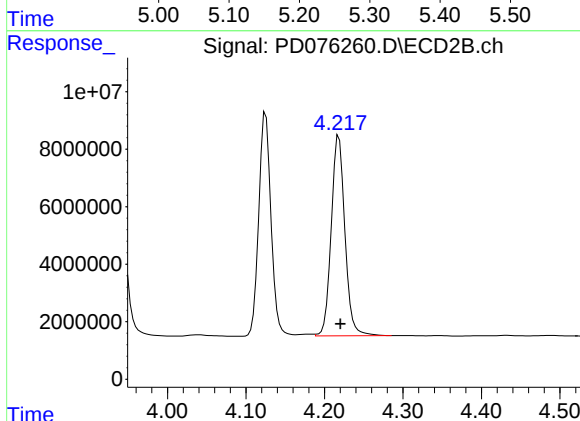
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 197633706
Conc: 56.40 ng/ml

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

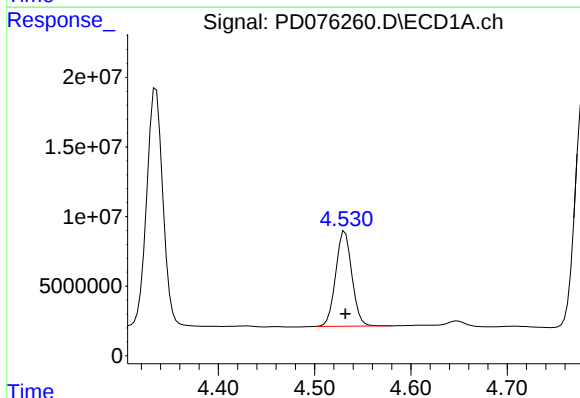
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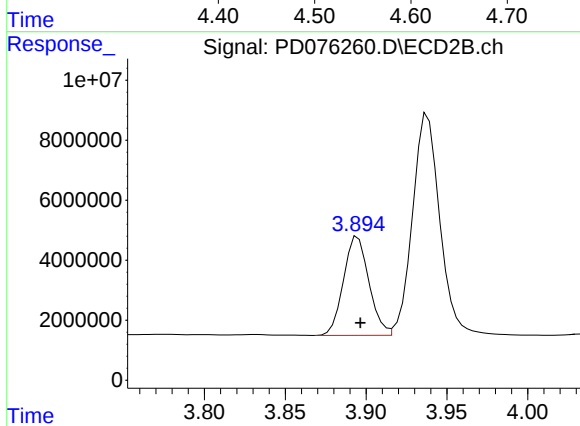
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.002 min
Response: 84291404
Conc: 56.53 ng/ml



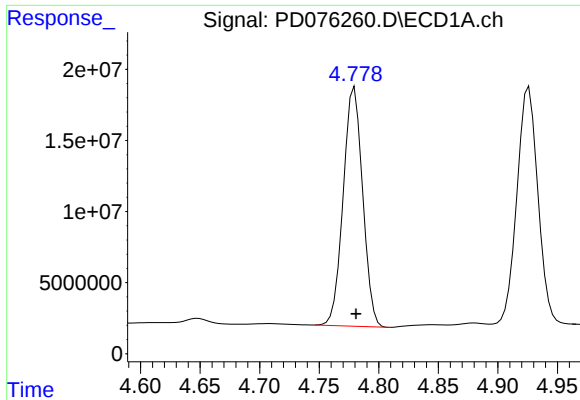
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 79655447
Conc: 55.40 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 36082013
Conc: 56.61 ng/ml



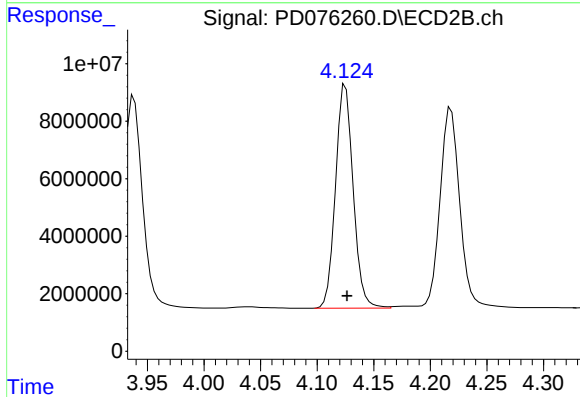
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.001 min
Response: 191198369
Conc: 57.53 ng/ml

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

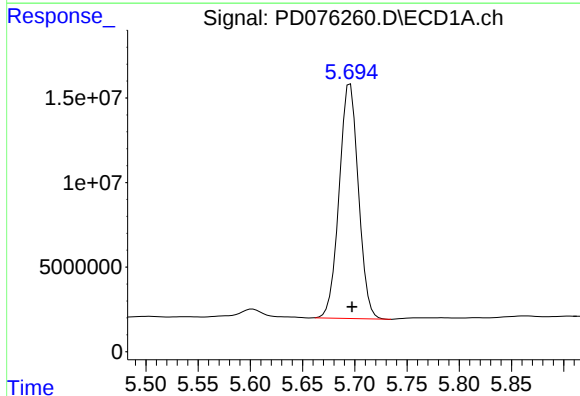
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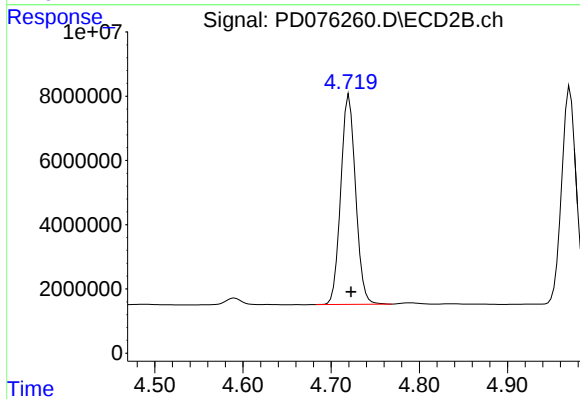
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 84489093
Conc: 58.31 ng/ml



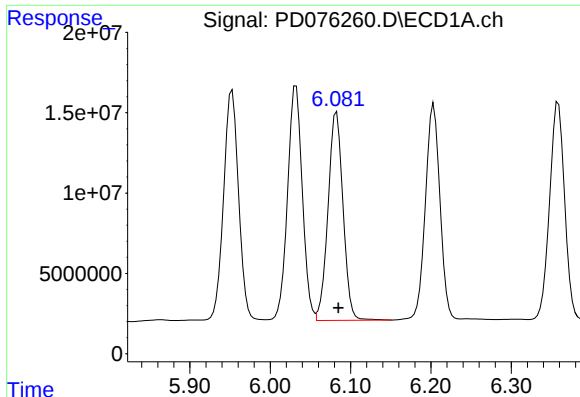
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 177559327
Conc: 55.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 76184117
Conc: 55.46 ng/ml



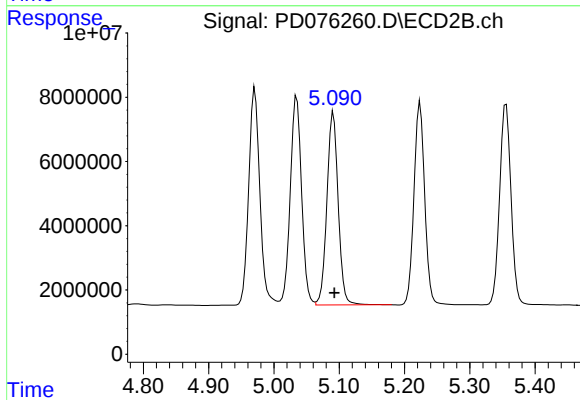
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 168563559
Conc: 56.20 ng/ml

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

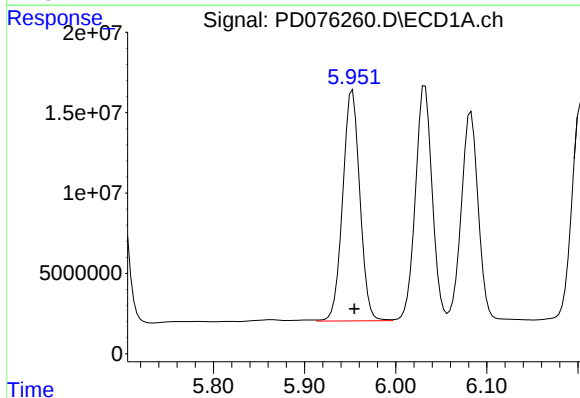
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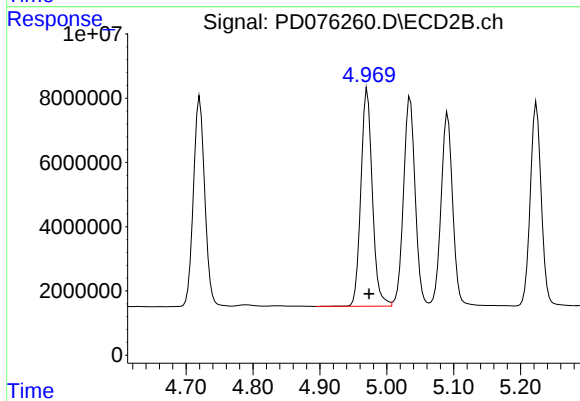
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 72079406
Conc: 56.39 ng/ml



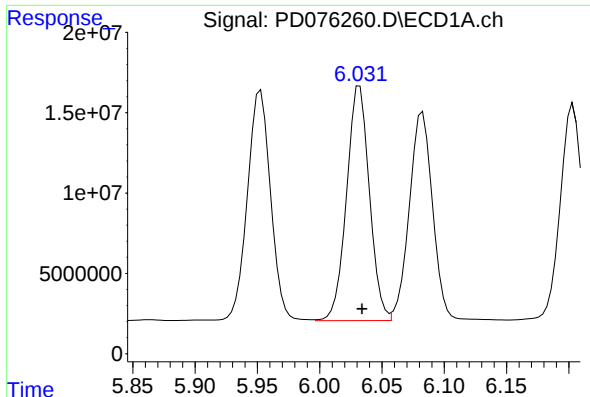
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 187663216
Conc: 58.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 80303040
Conc: 58.52 ng/ml



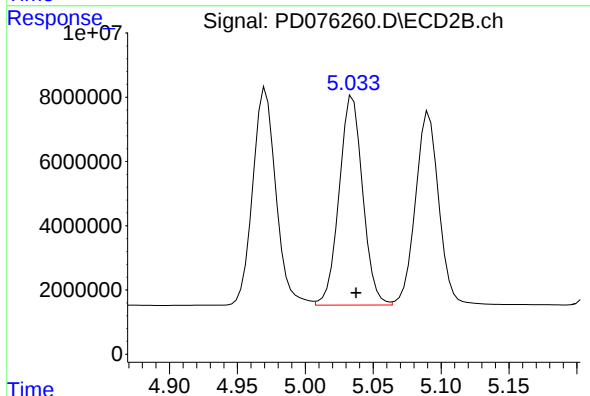
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 186941278
Conc: 57.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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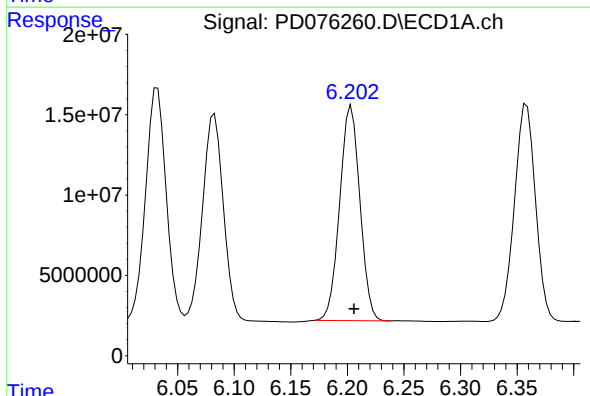
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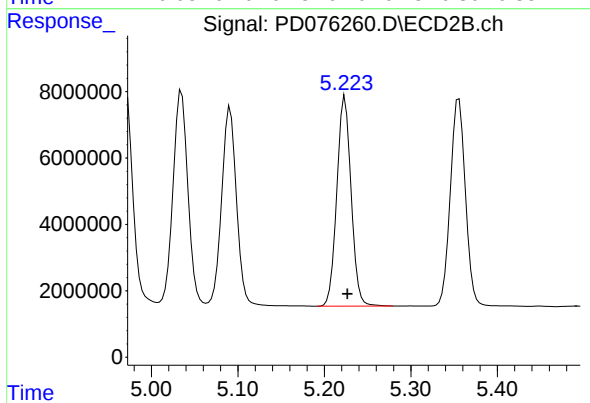
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 78579148
Conc: 57.28 ng/ml



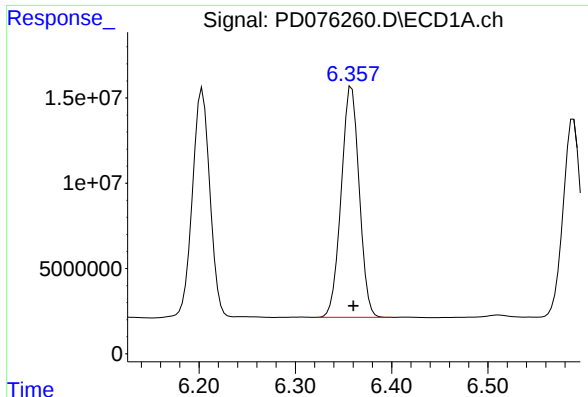
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.002 min
Response: 166140902
Conc: 58.13 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 72107815
Conc: 64.60 ng/ml



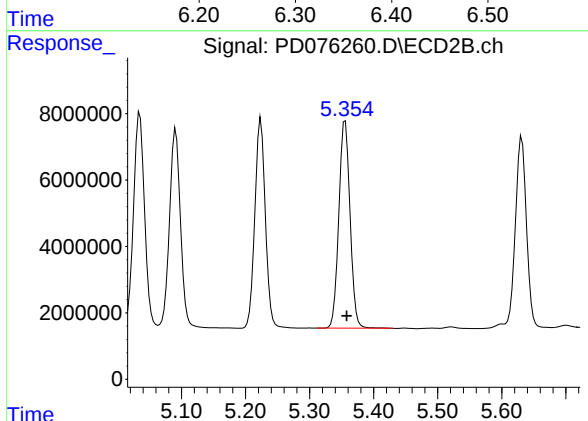
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 175336089
Conc: 56.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
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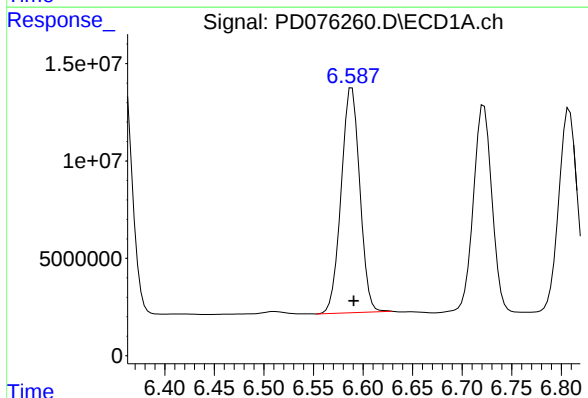
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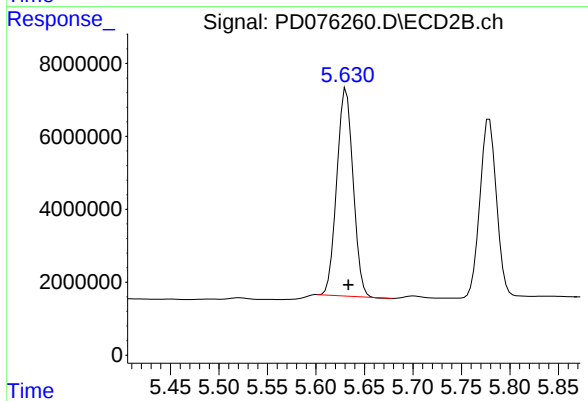
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 75945917
Conc: 56.29 ng/ml



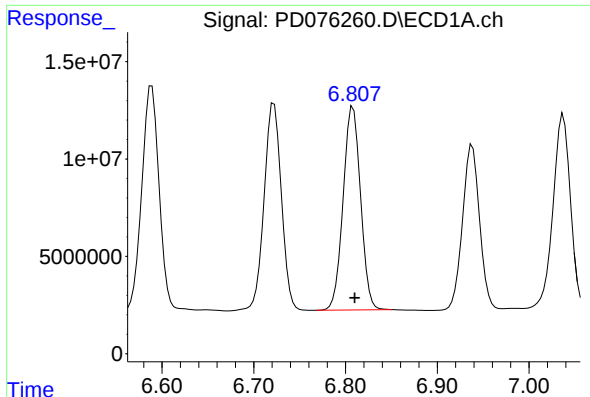
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.002 min
Response: 151294152
Conc: 56.57 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 66561303
Conc: 54.69 ng/ml



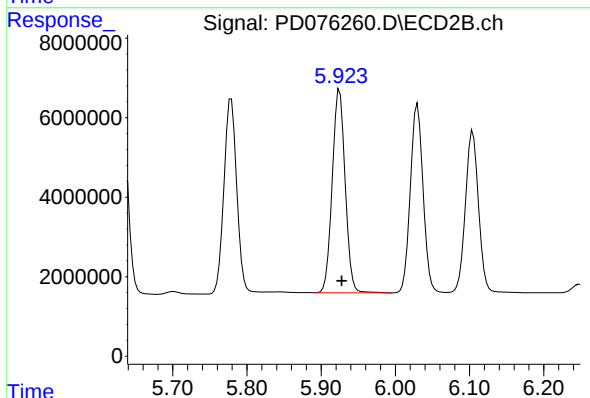
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 137712926
Conc: 53.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
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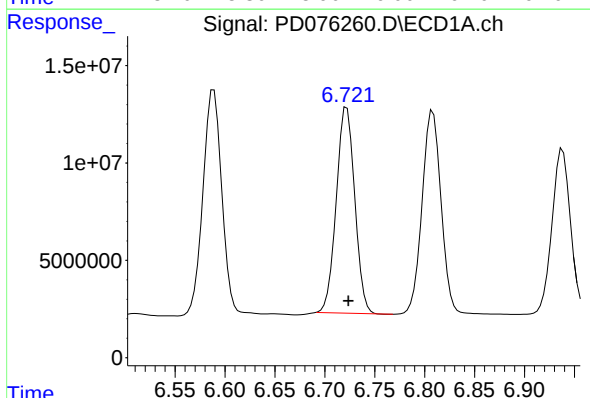
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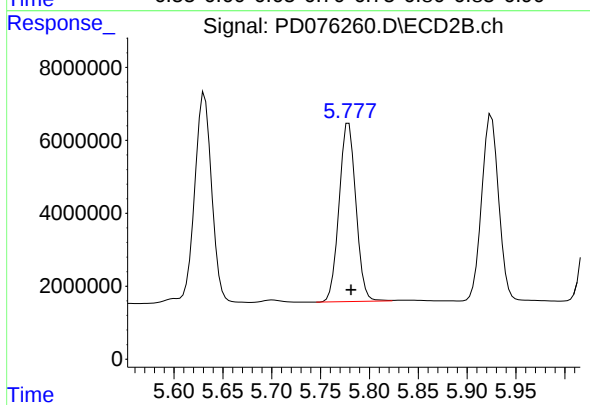
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 62043687
Conc: 57.51 ng/ml



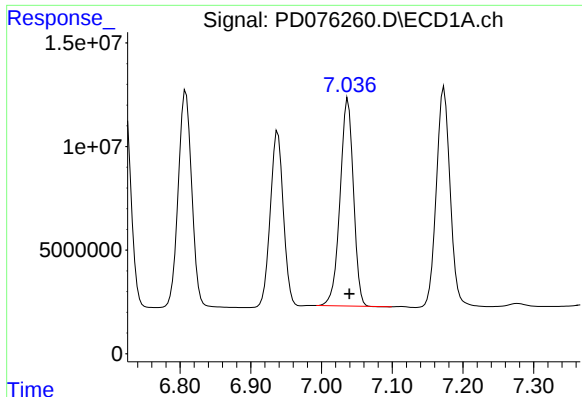
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 136243811
Conc: 59.87 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 58641613
Conc: 66.54 ng/ml



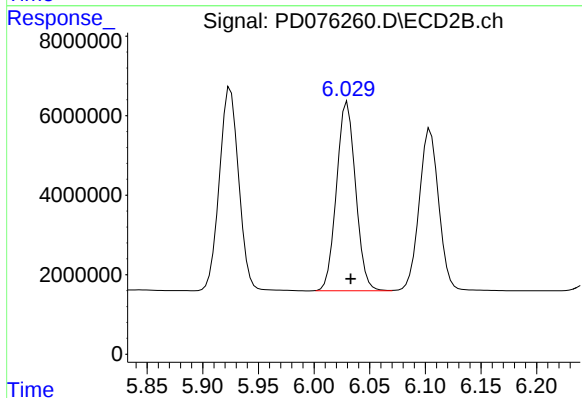
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: -0.002 min
Response: 131456024
Conc: 57.93 ng/ml

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

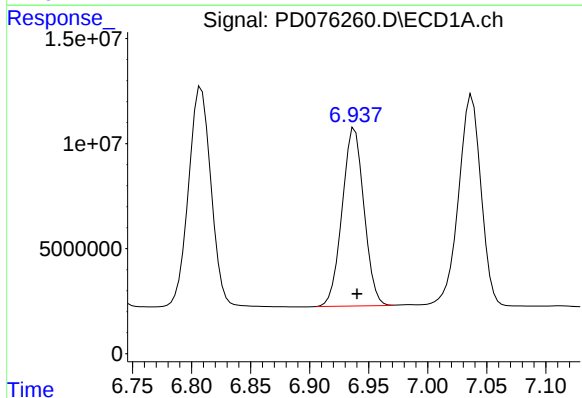
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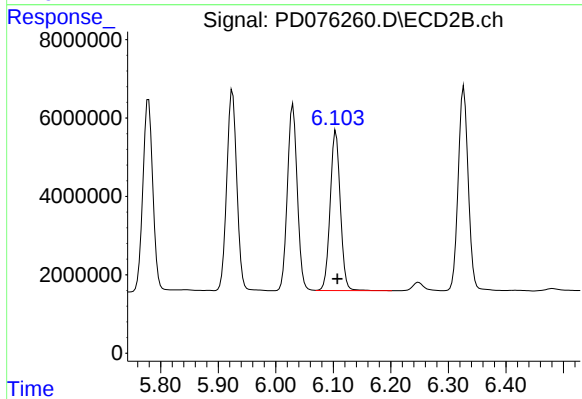
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 56531984
Conc: 69.60 ng/ml



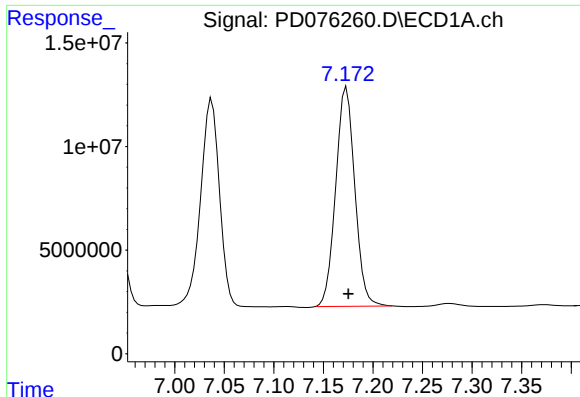
#18 Endrin aldehyde

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 109015711
Conc: 54.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 50000292
Conc: 57.77 ng/ml



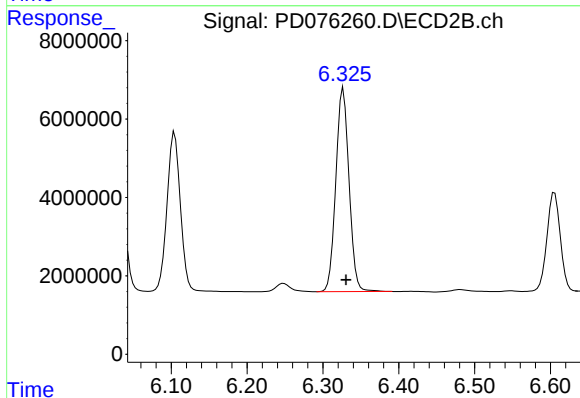
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 141900859
Conc: 56.32 ng/ml

Instrument :
ECD_D
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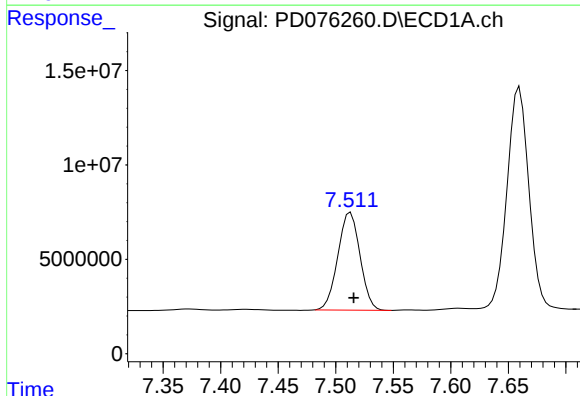
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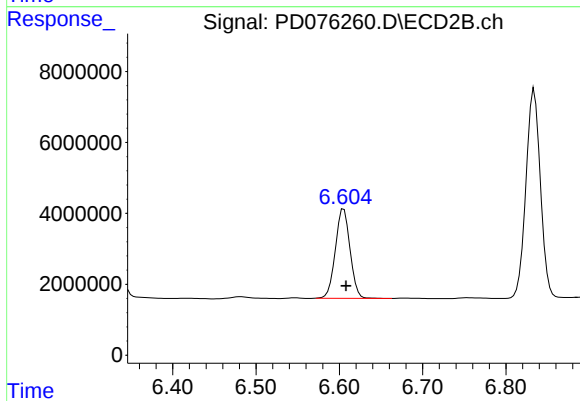
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 62841654
Conc: 58.15 ng/ml



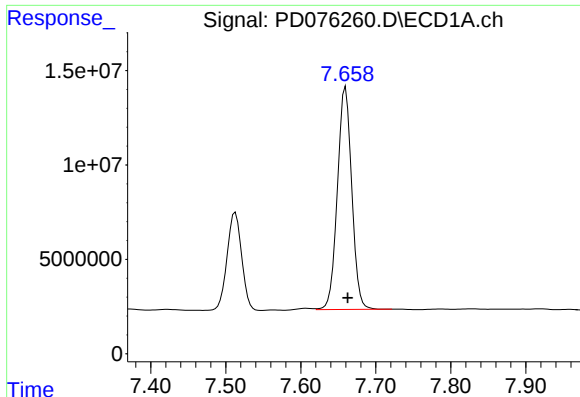
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 69527505
Conc: 53.71 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 30941977
Conc: 66.85 ng/ml



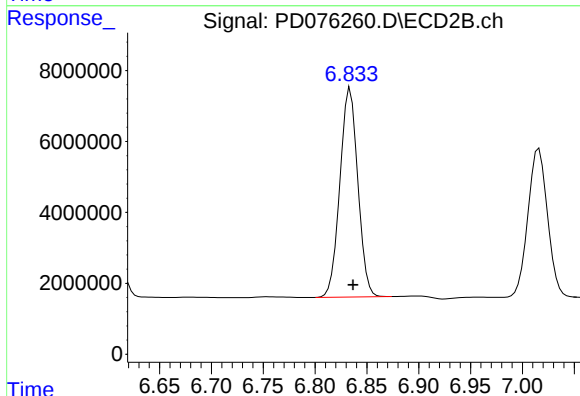
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.003 min
Response: 156939991
Conc: 56.33 ng/ml

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

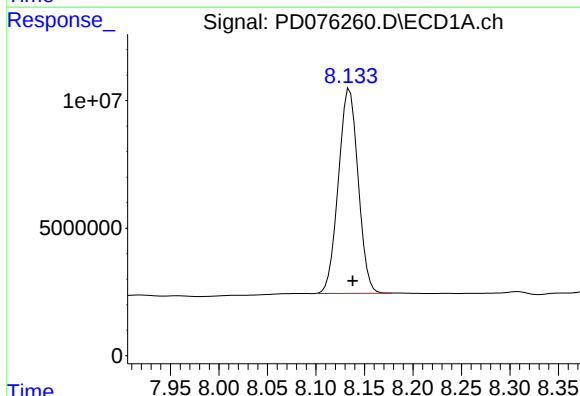
Manual Integrations
APPROVED

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



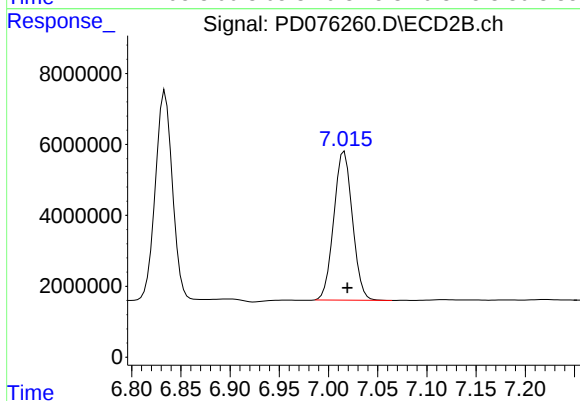
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.003 min
Response: 70948922
Conc: 58.40 ng/ml



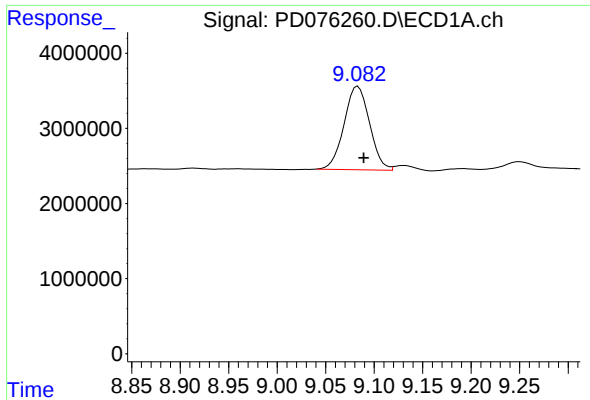
#22 Mirex

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 113568174
Conc: 53.01 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 55186617
Conc: 52.65 ng/ml



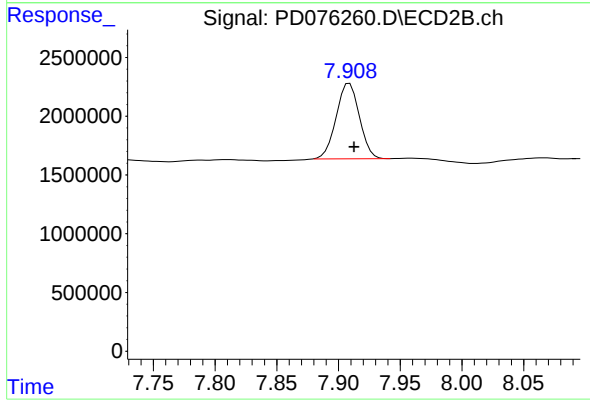
#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.006 min
Response: 20303216
Conc: 8.01 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 8411884
Conc: 8.60 ng/ml