

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 18:34
 Operator : AR\AJ
 Sample : PB149878BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149878BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/27/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:32:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.694	3.456	47884174	2315.8E6	22.847	23.548
28)	SA Decachlor...	7.825	8.910	56771576	484.1E6	23.447	27.461
Target Compounds							
2)	A alpha-BHC	3.196	3.920	196.3E6	7557.0E6	56.743	56.540
3)	MA gamma-BHC...	3.527	4.254	161.2E6	5399.2E6	58.607	54.719
4)	MA Heptachlor	3.859	4.820	174.9E6	3578.0E6	55.925	56.148
5)	MB Aldrin	4.138	5.159	179.1E6	3312.8E6	57.797	60.125
6)	B beta-BHC	3.829	4.470	66515197	1813.6E6	52.379	53.523
7)	B delta-BHC	4.058	4.714	178.1E6	4002.7E6	56.578	60.324
8)	B Heptachlo...	4.643	5.592	154.4E6	2704.8E6	55.690	60.674
9)	A Endosulfan I	5.012	5.976	143.4E6	2420.5E6	54.200	58.303
10)	B gamma-Chl...	4.892	5.845	157.8E6	2586.9E6	55.294	57.872
11)	B alpha-Chl...	4.955	5.921	155.2E6	2589.2E6	55.105	59.167
12)	B 4,4'-DDE	5.143	6.094	151.6E6	2576.2E6	55.994	60.960
13)	MA Dieldrin	5.279	6.253	159.0E6	2607.1E6	56.345	62.059
14)	MA Endrin	5.556	6.485	144.4E6	2180.6E6	56.219	66.373
15)	B Endosulfa...	5.853	6.713	134.3E6	1973.6E6	56.823m	62.127m
16)	A 4,4'-DDD	5.702	6.619	123.6E6	1885.7E6	54.781	60.356
17)	MA 4,4'-DDT	5.951	6.927	121.0E6	1797.9E6	54.610	59.495
18)	B Endrin al...	6.035	6.846	107.8E6	1538.9E6	57.277	65.644
19)	B Endosulfa...	6.258	7.079	128.3E6	1683.9E6	53.980	61.548
20)	A Methoxychlor	6.534	7.407	71407313	802.6E6	53.576	59.296
21)	B Endrin ke...	6.769	7.569	149.7E6	1635.3E6	55.090	59.560
22)	Mirex	6.934	8.016	112.4E6	1019.7E6	54.078	58.301

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

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 Acq On : 23 Dec 2022 18:34
 Operator : AR\AJ
 Sample : PB149878BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

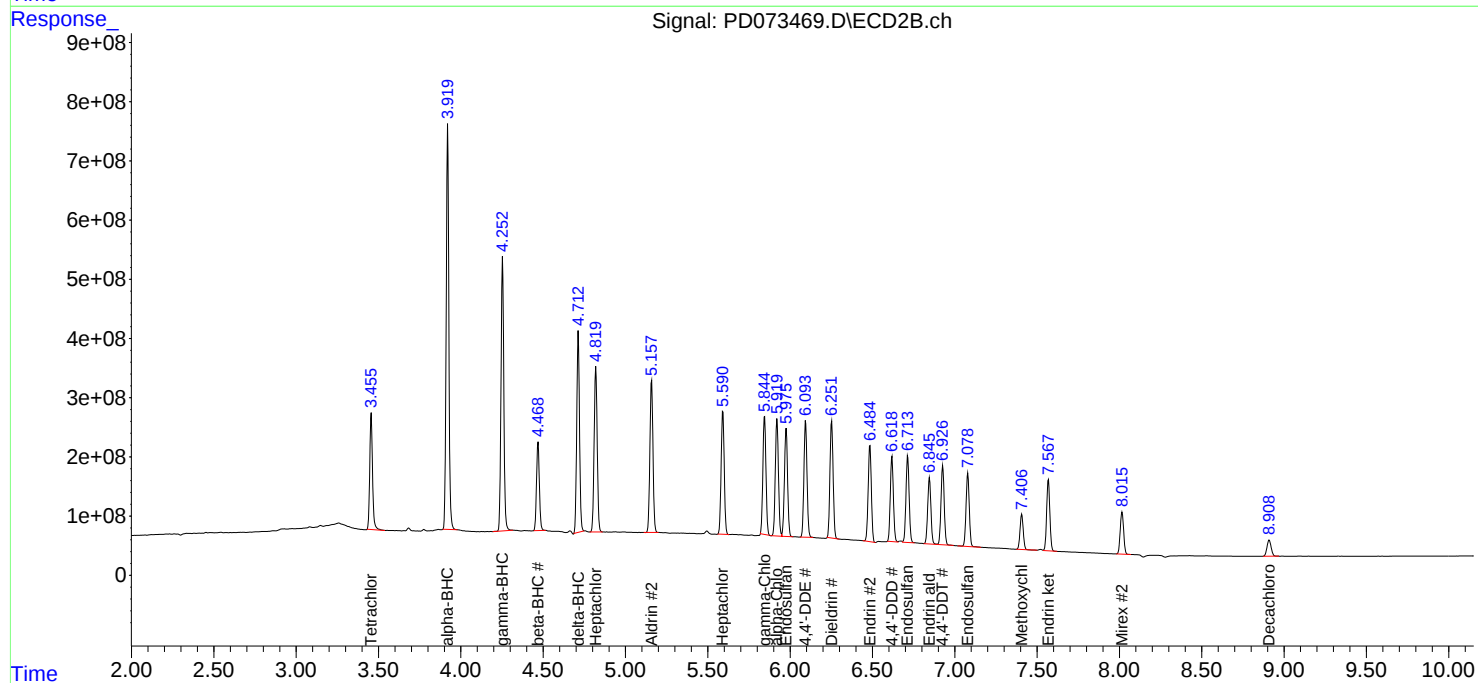
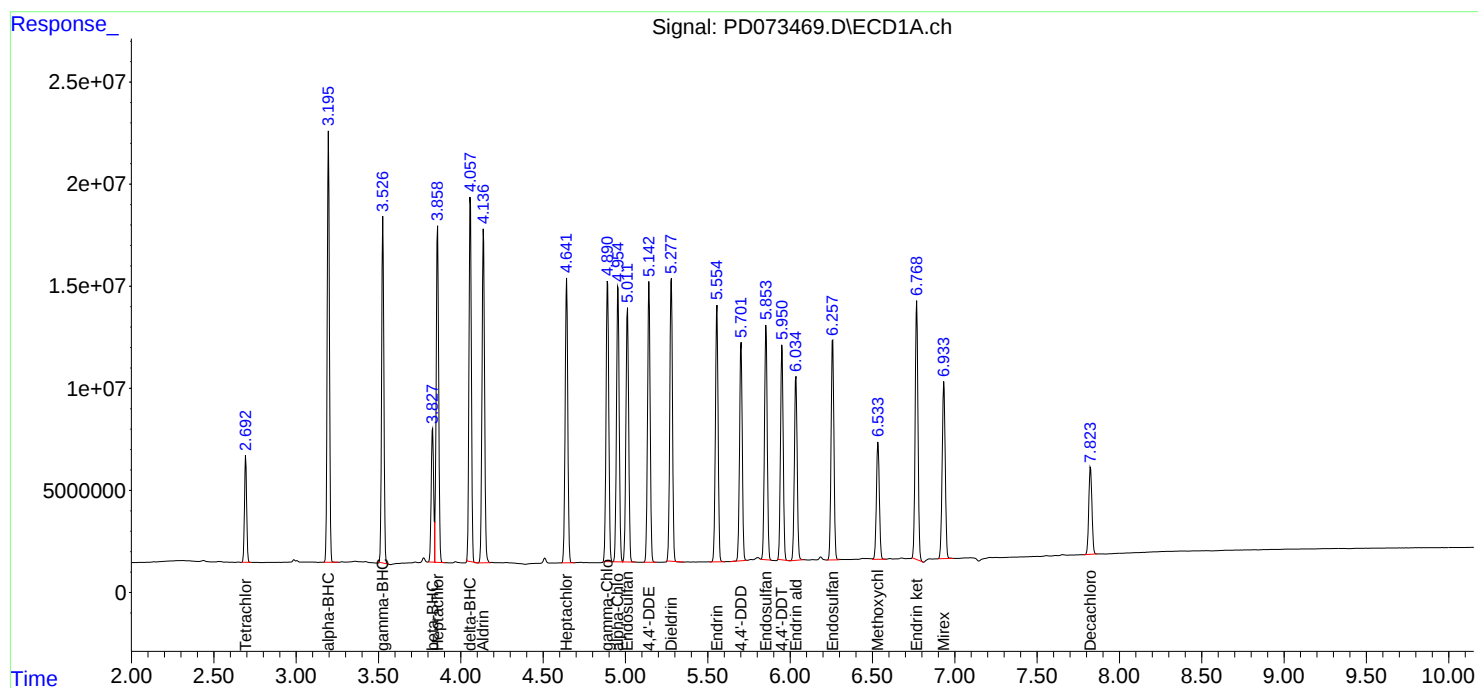
Instrument :
 ECD_D
 ClientSampleId :
 PB149878BS

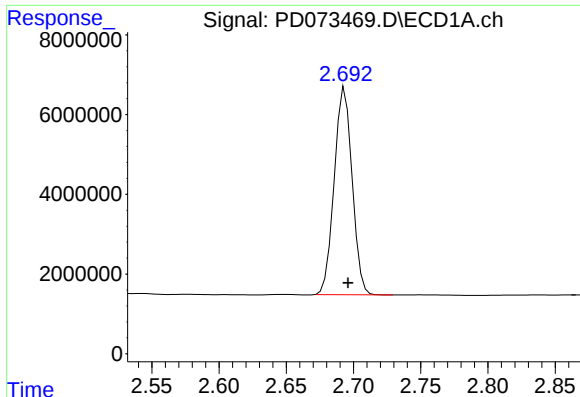
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:32:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
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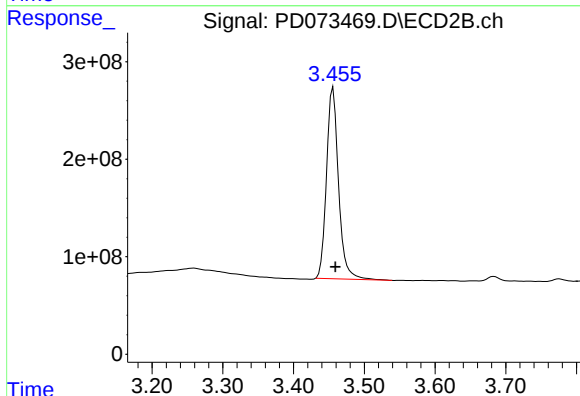
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 47884174
Conc: 22.85 ng/ml

Instrument :
ECD_D
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PB149878BS

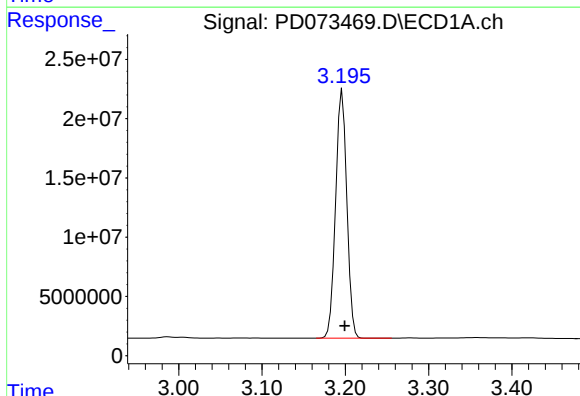
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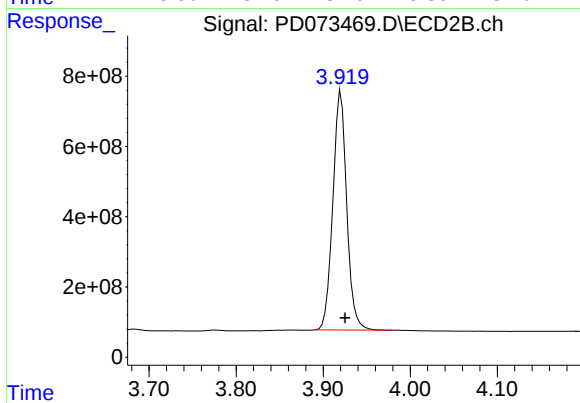
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.003 min
Response: 2315823961
Conc: 23.55 ng/ml



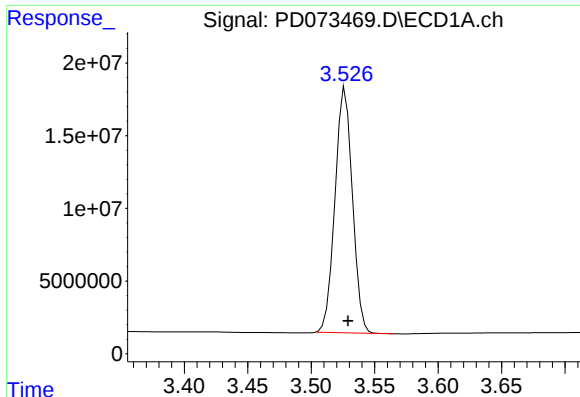
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 196265822
Conc: 56.74 ng/ml



#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 7556999074
Conc: 56.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 161151909
Conc: 58.61 ng/ml

Instrument :

ECD_D

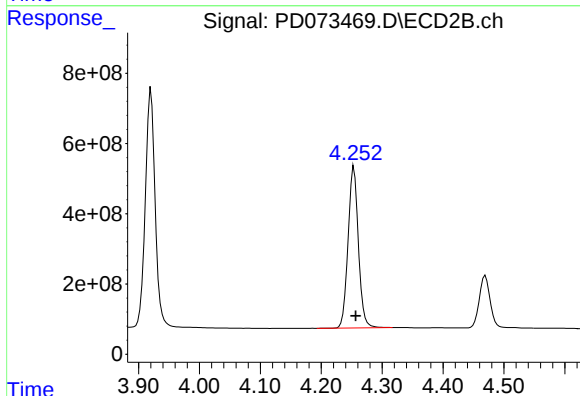
ClientSampleId :

PB149878BS

Manual Integrations

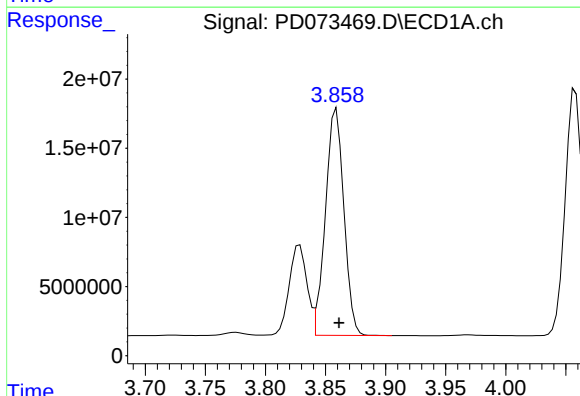
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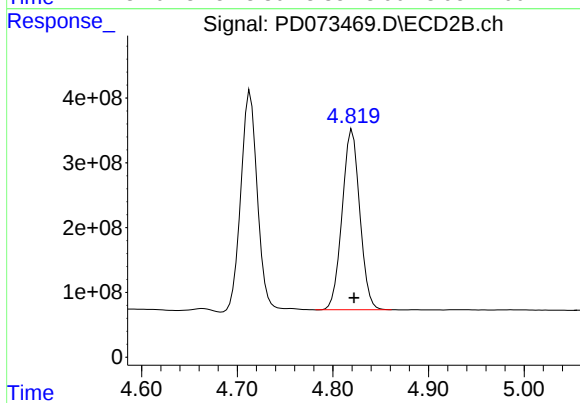
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 5399159140
Conc: 54.72 ng/ml



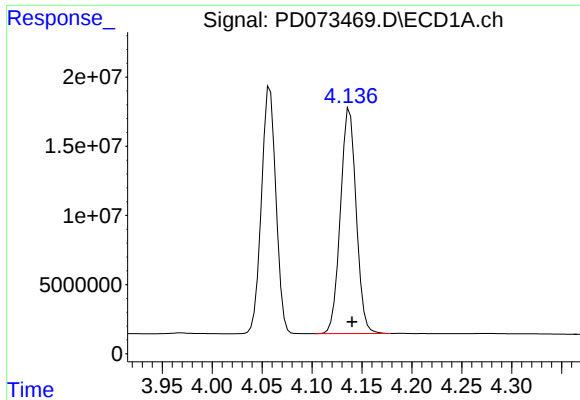
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.002 min
Response: 174948834
Conc: 55.93 ng/ml



#4 Heptachlor

R.T.: 4.820 min
Delta R.T.: -0.002 min
Response: 3577994343
Conc: 56.15 ng/ml



#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 179063378
Conc: 57.80 ng/ml

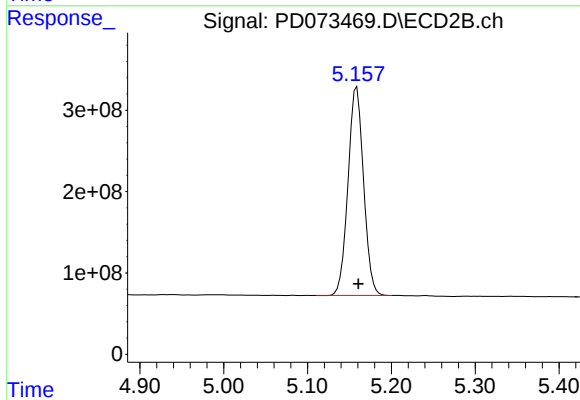
Instrument :

ECD_D

ClientSampleId :
PB149878BS

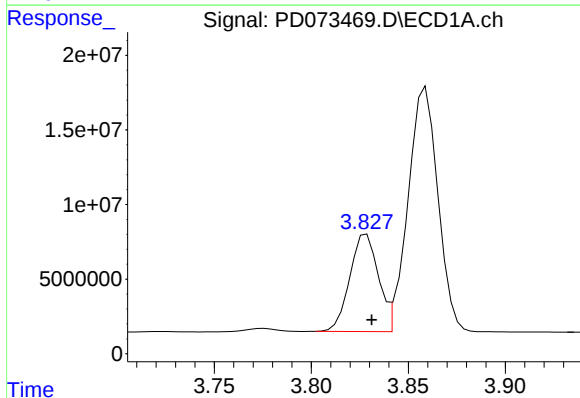
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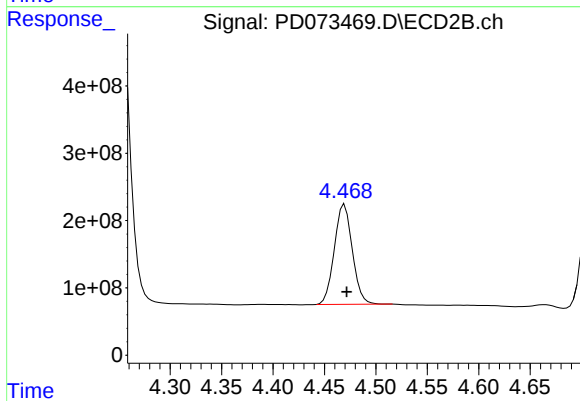
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 3312841025
Conc: 60.13 ng/ml



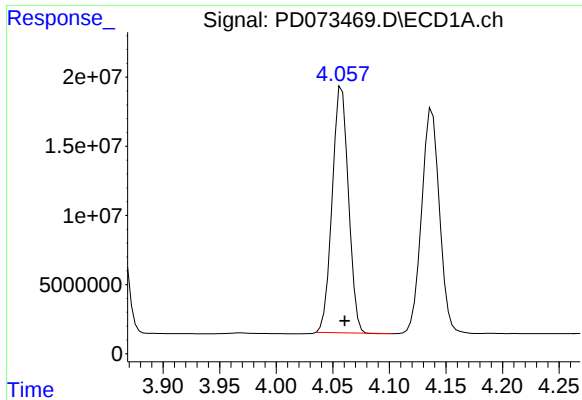
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.003 min
Response: 66515197
Conc: 52.38 ng/ml



#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 1813633579
Conc: 53.52 ng/ml



#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 178133139
Conc: 56.58 ng/ml

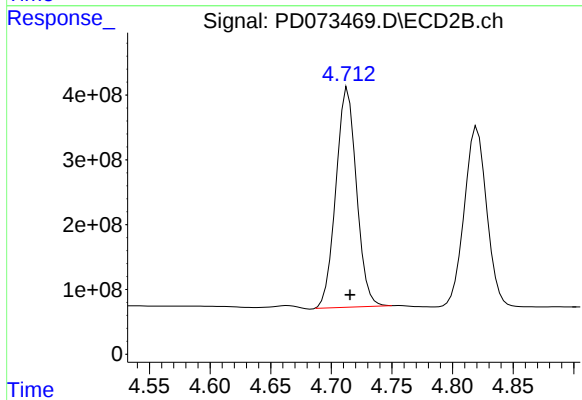
Instrument :

ECD_D

ClientSampleId :
PB149878BS

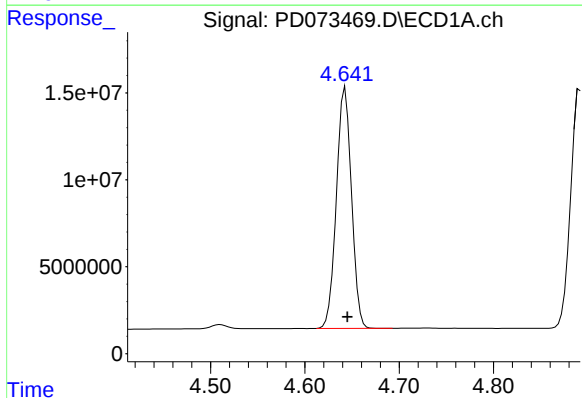
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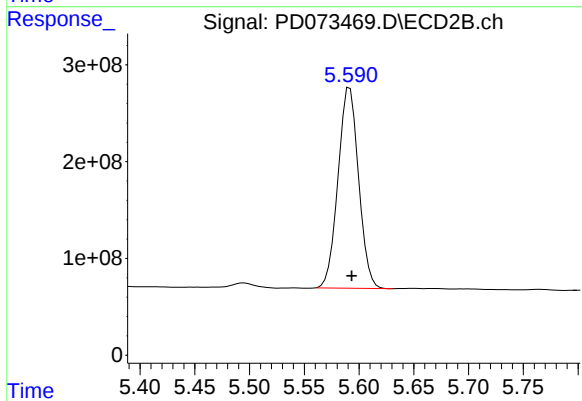
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 4002682319
Conc: 60.32 ng/ml



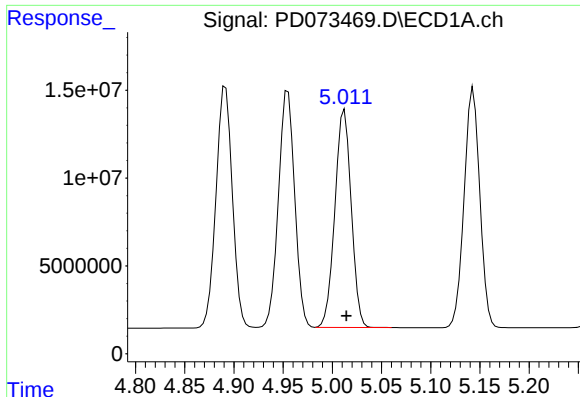
#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.002 min
Response: 154352687
Conc: 55.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2704769900
Conc: 60.67 ng/ml



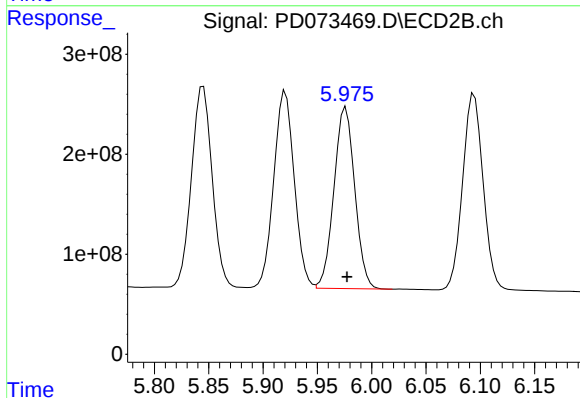
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.002 min
Response: 143443972
Conc: 54.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BS

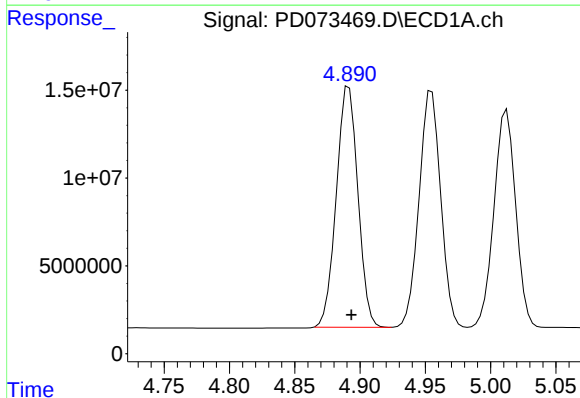
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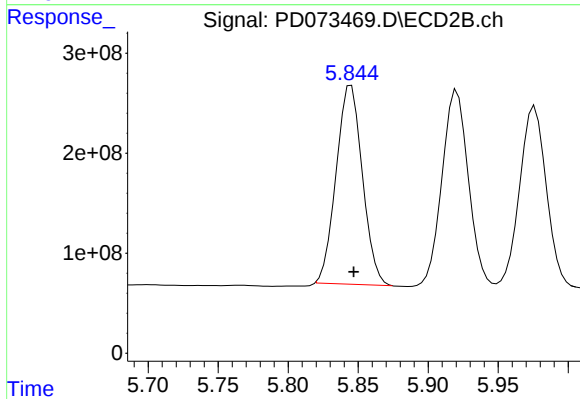
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 2420523461
Conc: 58.30 ng/ml



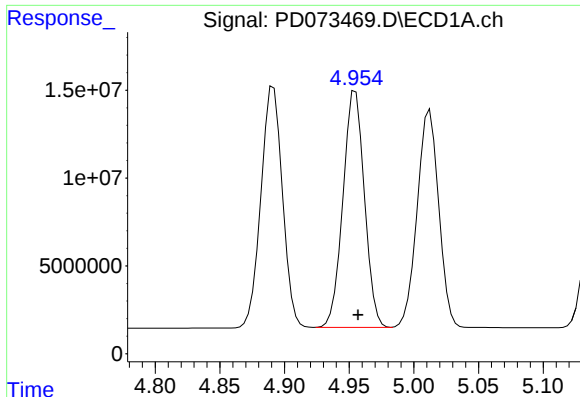
#10 gamma-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 157772946
Conc: 55.29 ng/ml



#10 gamma-Chlordane

R.T.: 5.845 min
Delta R.T.: -0.002 min
Response: 2586851507
Conc: 57.87 ng/ml



#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 155243102
Conc: 55.10 ng/ml

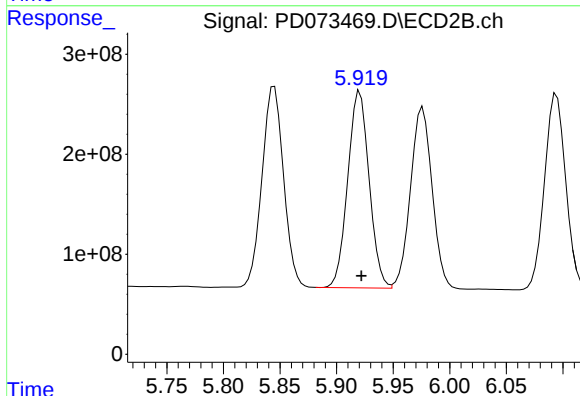
Instrument :

ECD_D

ClientSampleId :
PB149878BS

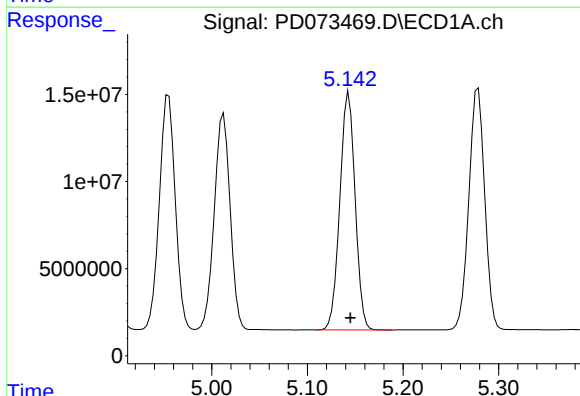
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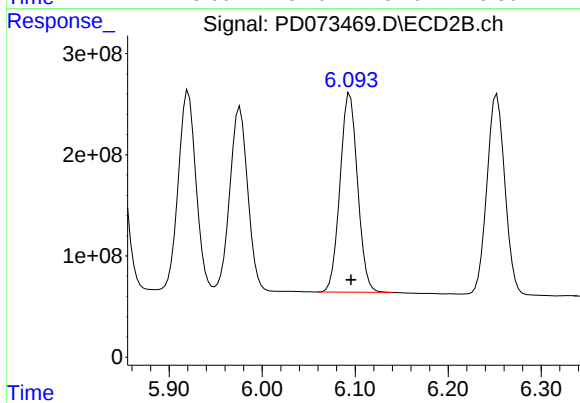
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 2589248876
Conc: 59.17 ng/ml



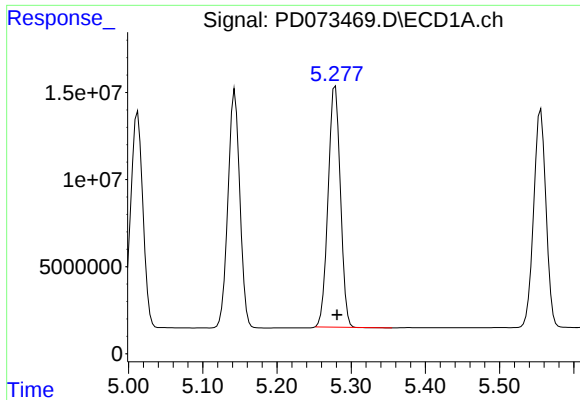
#12 4,4'-DDE

R.T.: 5.143 min
Delta R.T.: -0.002 min
Response: 151622186
Conc: 55.99 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.001 min
Response: 2576220779
Conc: 60.96 ng/ml



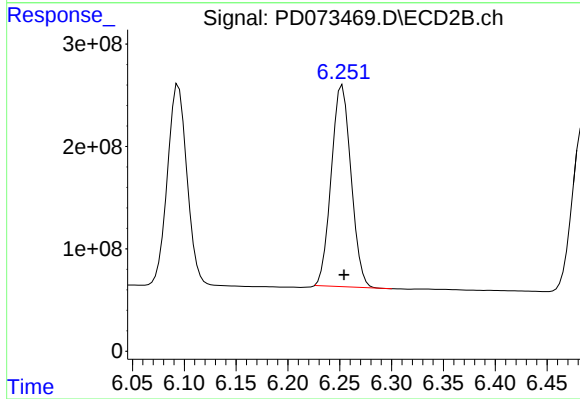
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 159006752
Conc: 56.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
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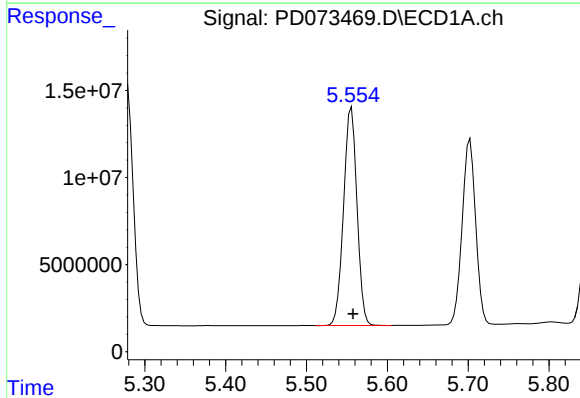
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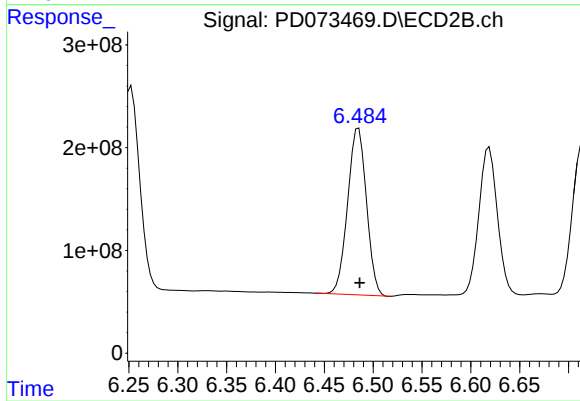
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 2607082267
Conc: 62.06 ng/ml



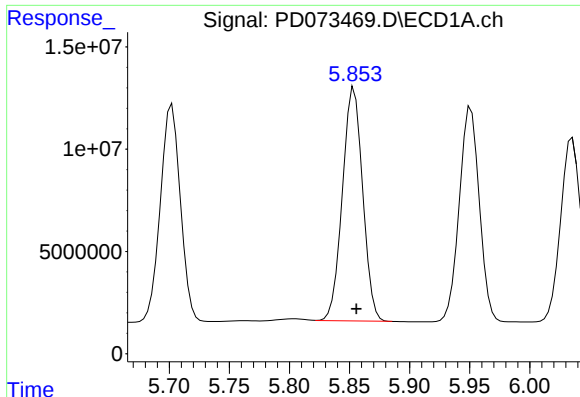
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 144350620
Conc: 56.22 ng/ml



#14 Endrin

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 2180591767
Conc: 66.37 ng/ml



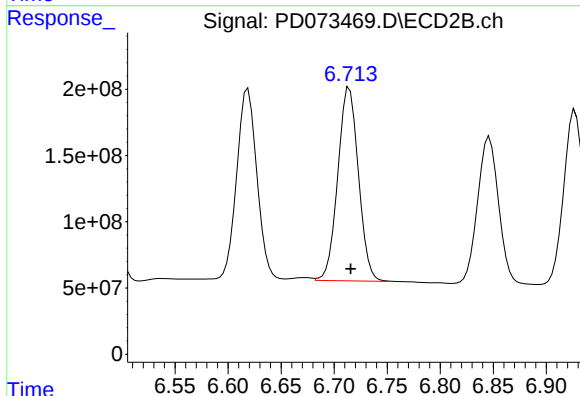
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 134250881
Conc: 56.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BS

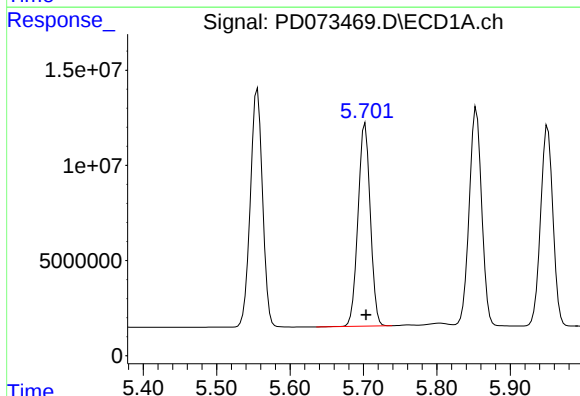
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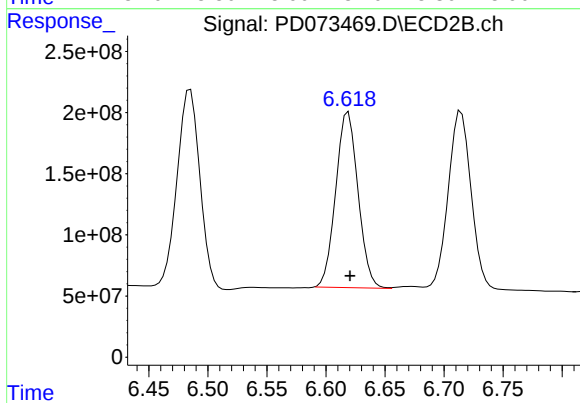
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 1973596670
Conc: 62.13 ng/ml m



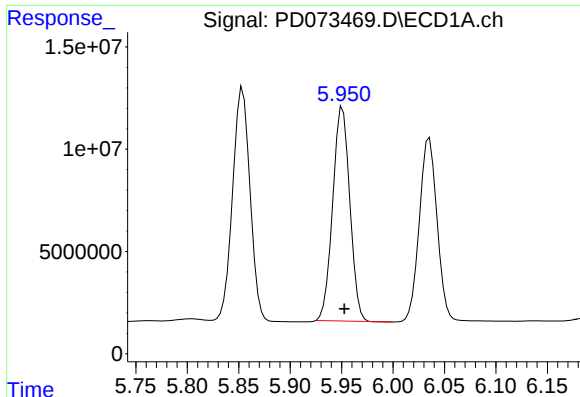
#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 123556819
Conc: 54.78 ng/ml



#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 1885719338
Conc: 60.36 ng/ml



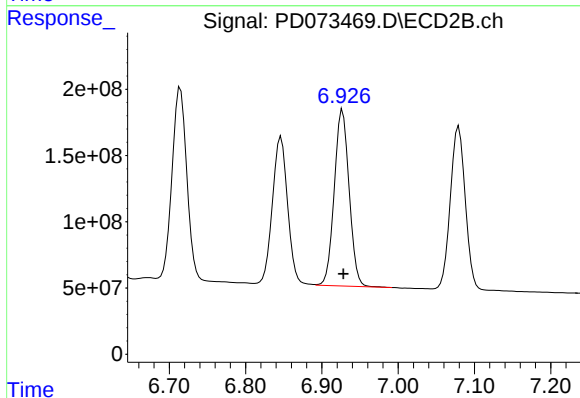
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 120969290
Conc: 54.61 ng/ml

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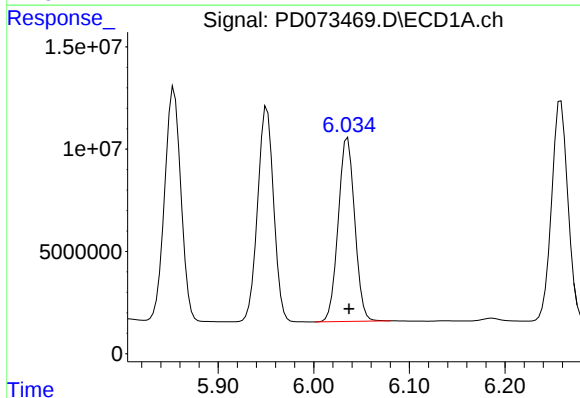
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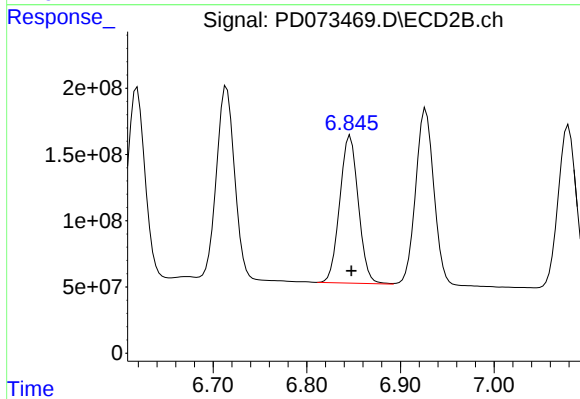
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 1797891840
Conc: 59.49 ng/ml



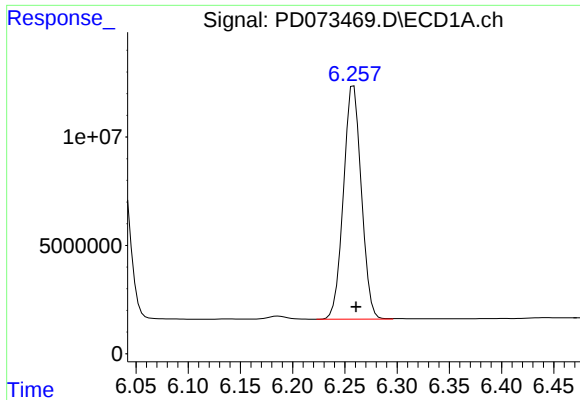
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 107814270
Conc: 57.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: -0.001 min
Response: 1538895289
Conc: 65.64 ng/ml



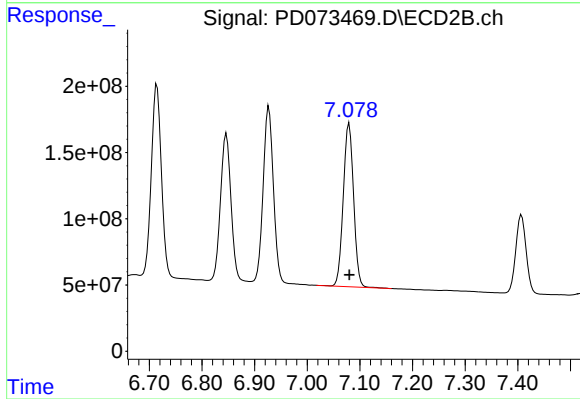
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 128301390
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
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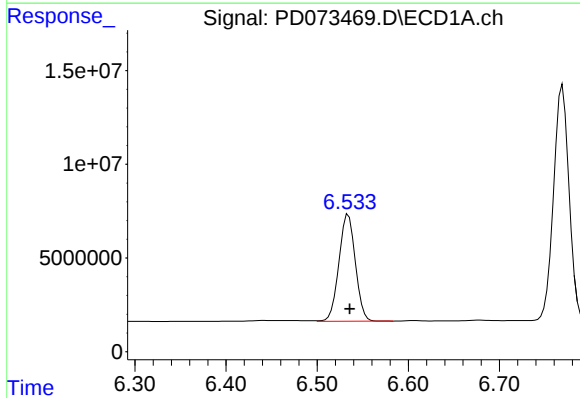
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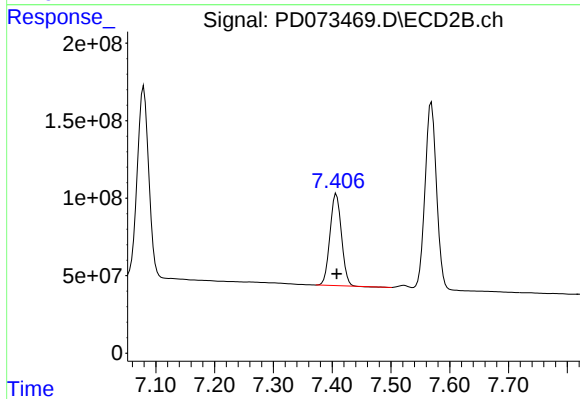
#19 Endosulfan Sulfate

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 1683949346
Conc: 61.55 ng/ml



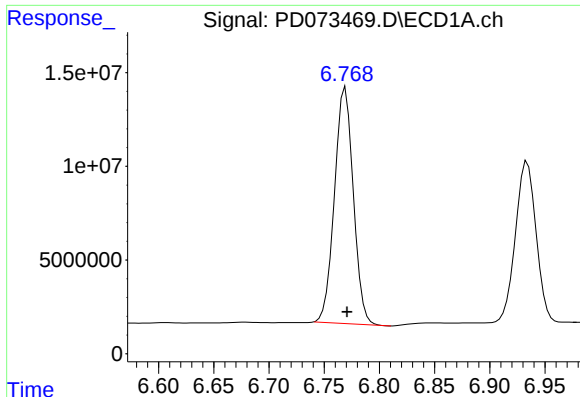
#20 Methoxychlor

R.T.: 6.534 min
Delta R.T.: -0.002 min
Response: 71407313
Conc: 53.58 ng/ml



#20 Methoxychlor

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 802596536
Conc: 59.30 ng/ml



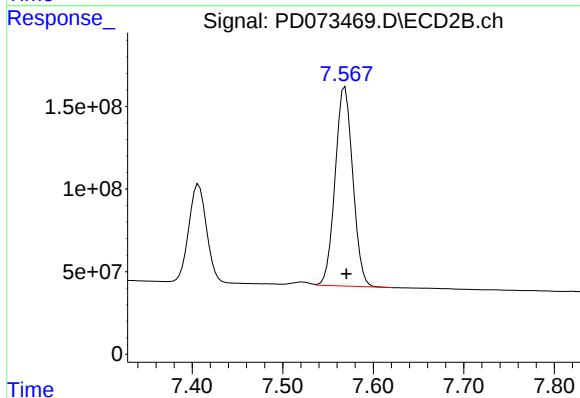
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 149704372
Conc: 55.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149878BS

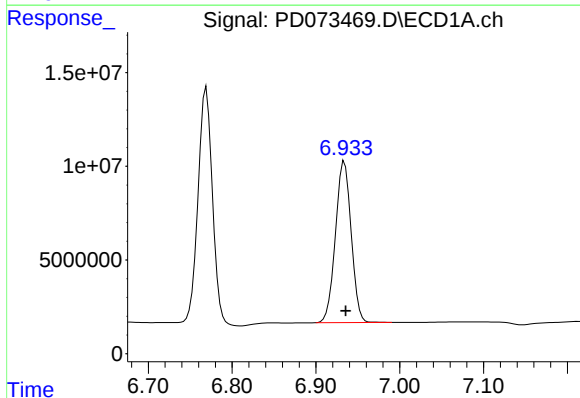
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



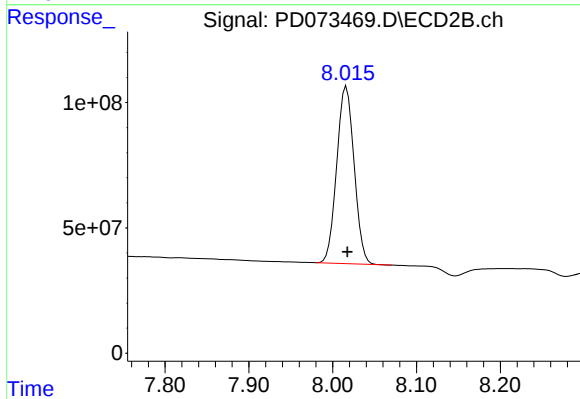
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: -0.001 min
Response: 1635304846
Conc: 59.56 ng/ml



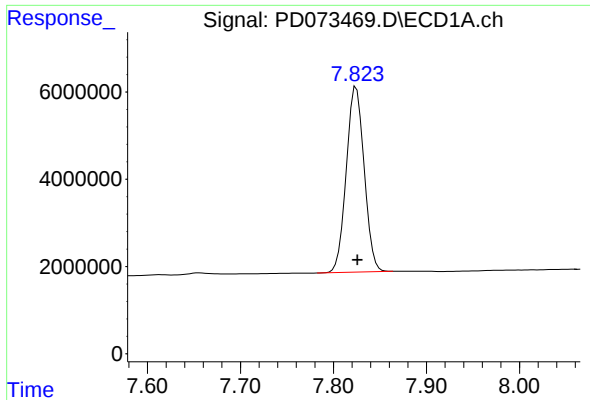
#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 112408423
Conc: 54.08 ng/ml



#22 Mirex

R.T.: 8.016 min
Delta R.T.: -0.001 min
Response: 1019720070
Conc: 58.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.825 min
Delta R.T.: -0.001 min
Response: 56771576
Conc: 23.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

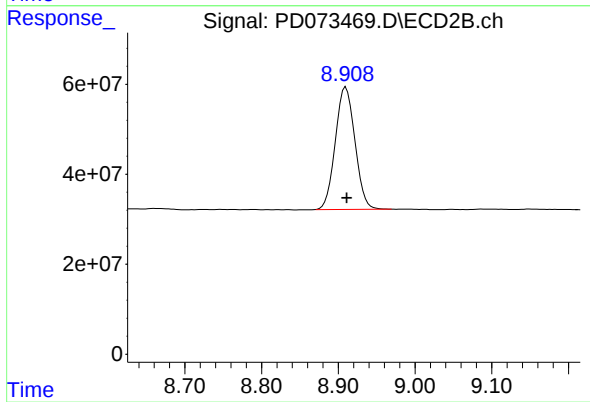
PB149878BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: -0.001 min
Response: 484075599
Conc: 27.46 ng/ml