

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 21:00
 Operator : AR\AJ
 Sample : PB149888BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149888BS

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 06:38:05 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...	2.693	3.455	46240684	2128.3E6	22.063	21.641
28)	SA Decachlor...	7.824	8.908	57044979	487.8E6	23.560	27.670
Target Compounds							
2)	A alpha-BHC	3.196	3.919	190.5E6	6962.1E6	55.064	52.089
3)	MA gamma-BHC...	3.526	4.253	161.2E6	5066.7E6	58.606	51.350
4)	MA Heptachlor	3.858	4.819	171.2E6	3460.3E6	54.724	54.301
5)	MB Aldrin	4.137	5.158	174.5E6	3215.0E6	56.324	58.350
6)	B beta-BHC	3.828	4.468	65840137	1709.3E6	51.847	50.443
7)	B delta-BHC	4.057	4.712	172.9E6	3856.6E6	54.912	58.123
8)	B Heptachlo...	4.642	5.590	151.8E6	2667.3E6	54.772	59.832
9)	A Endosulfan I	5.011	5.975	141.9E6	2428.2E6	53.599	58.486
10)	B gamma-Chl...	4.891	5.844	154.5E6	2545.7E6	54.151	56.952
11)	B alpha-Chl...	4.954	5.919	153.2E6	2581.9E6	54.393	58.998
12)	B 4,4'-DDE	5.142	6.094	149.3E6	2581.8E6	55.134	61.092
13)	MA Dieldrin	5.277	6.252	155.1E6	2593.2E6	54.977	61.727
14)	MA Endrin	5.554	6.484	141.9E6	2197.9E6	55.263	66.899
15)	B Endosulfa...	5.851	6.714	132.9E6	2023.9E6	56.269m	63.710
16)	A 4,4'-DDD	5.701	6.618	122.6E6	1904.8E6	54.372	60.966
17)	MA 4,4'-DDT	5.949	6.925	117.7E6	1829.3E6	53.132	60.535
18)	B Endrin al...	6.034	6.845	106.9E6	1556.2E6	56.815	66.382
19)	B Endosulfa...	6.257	7.078	127.1E6	1721.0E6	53.456	62.902
20)	A Methoxychlor	6.533	7.406	70933814	824.1E6	53.221	60.881
21)	B Endrin ke...	6.768	7.567	148.4E6	1679.4E6	54.619	61.164
22)	Mirex	6.933	8.015	112.4E6	1046.5E6	54.073	59.835

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2022 21:00
Operator : AR\AJ
Sample : PB149888BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

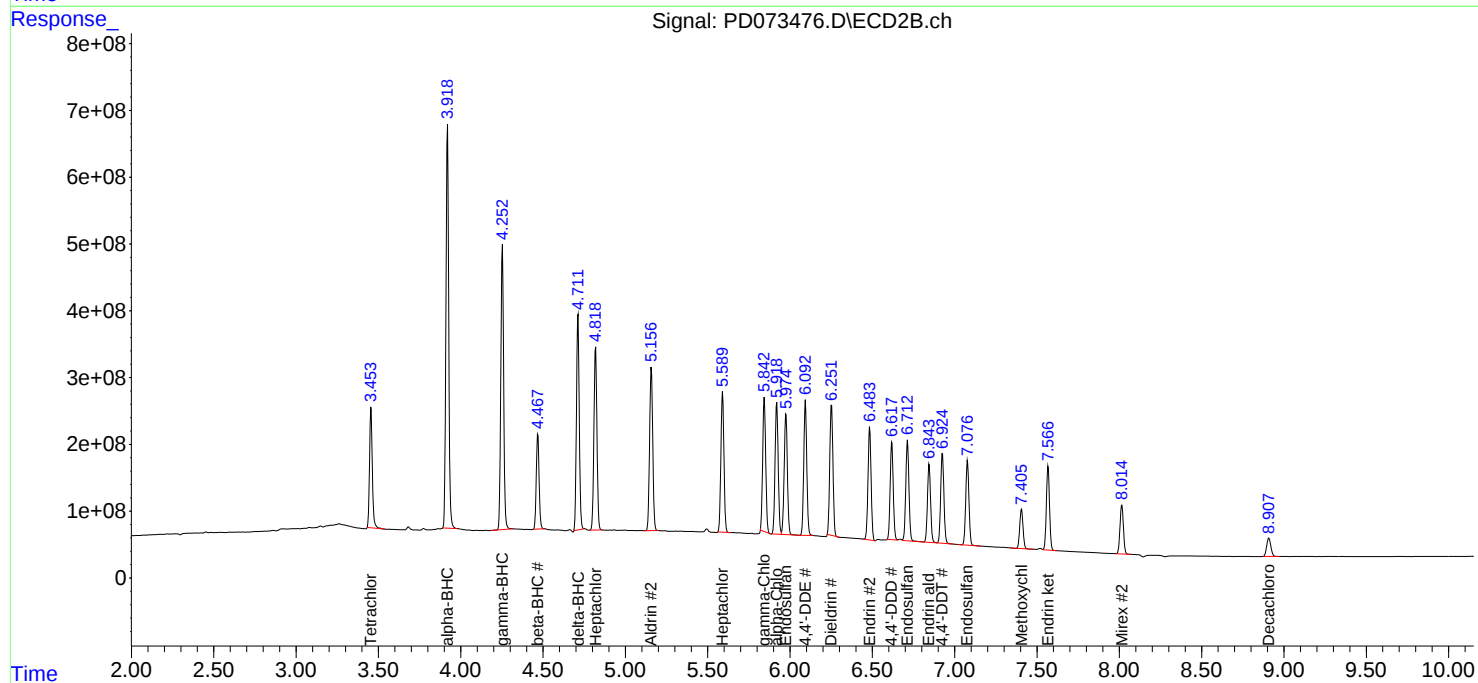
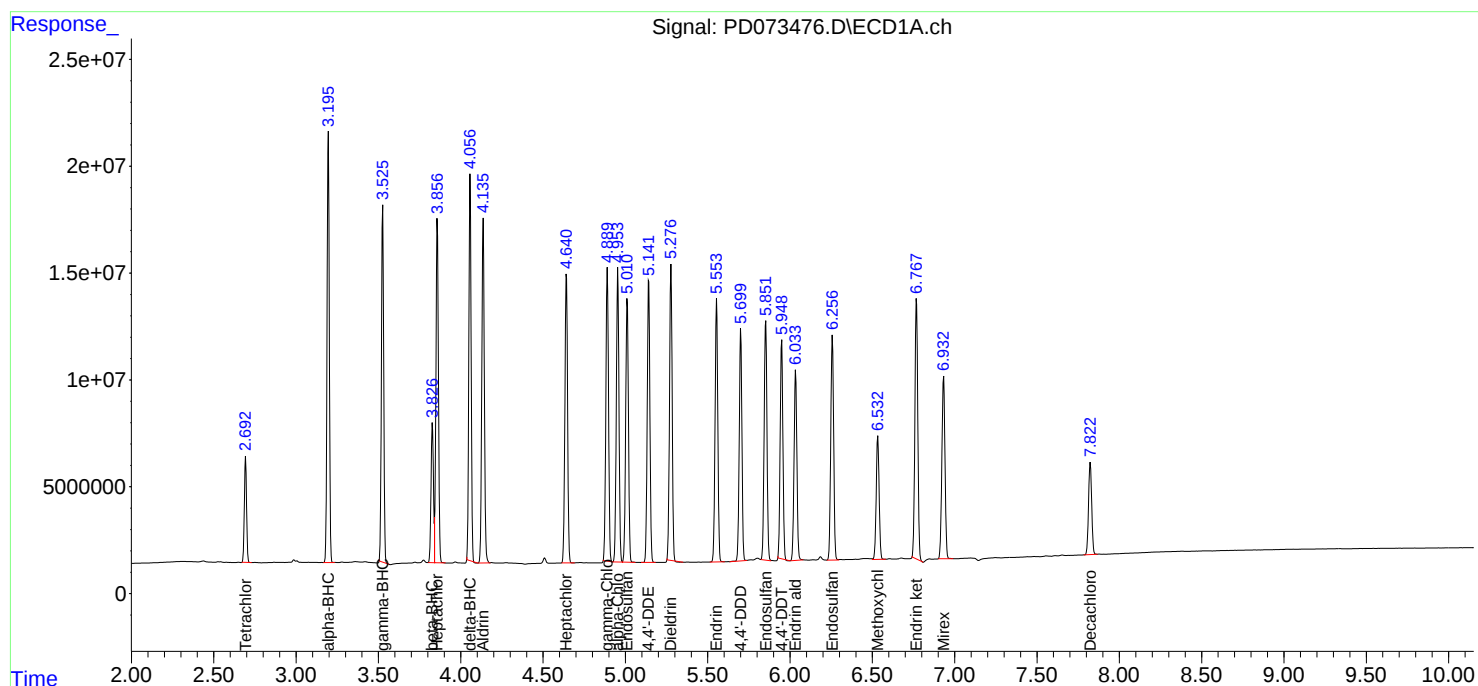
Instrument :
ECD_D
ClientSampleId :
PB149888BS

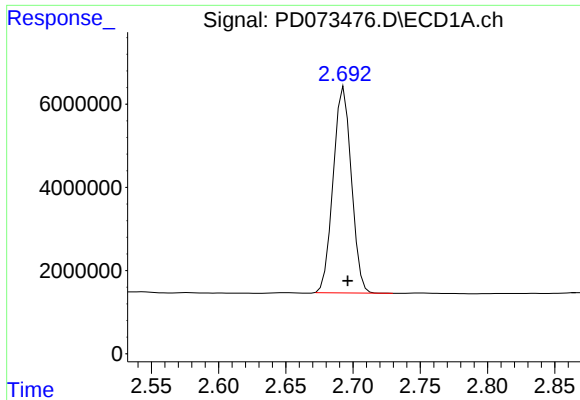
Manual Integrations
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Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 06:38:05 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





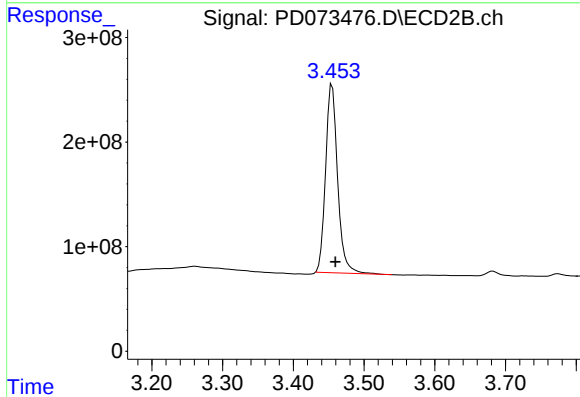
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: -0.003 min
Response: 46240684
Conc: 22.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

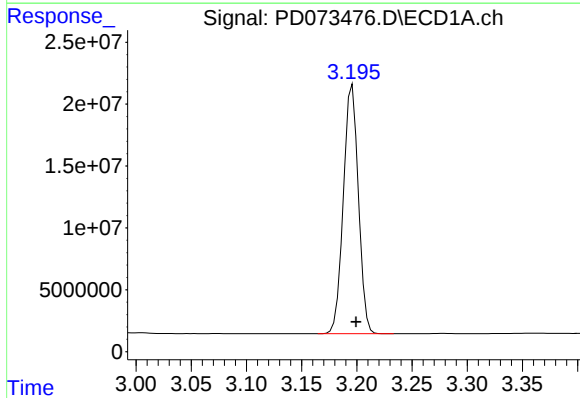
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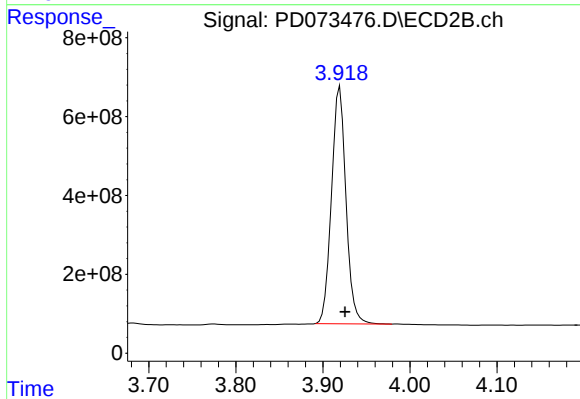
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 2128286897
Conc: 21.64 ng/ml



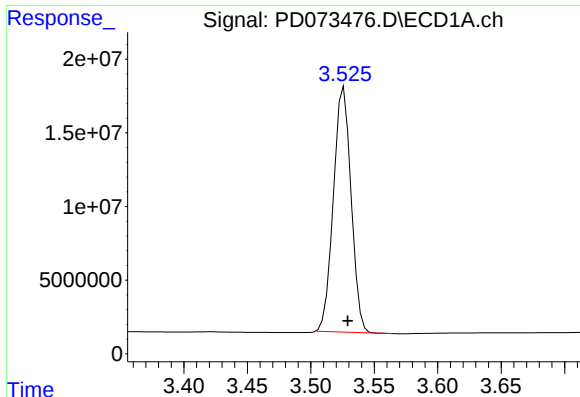
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 190459928
Conc: 55.06 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 6962081596
Conc: 52.09 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: -0.003 min
Response: 161150160
Conc: 58.61 ng/ml

Instrument :

ECD_D

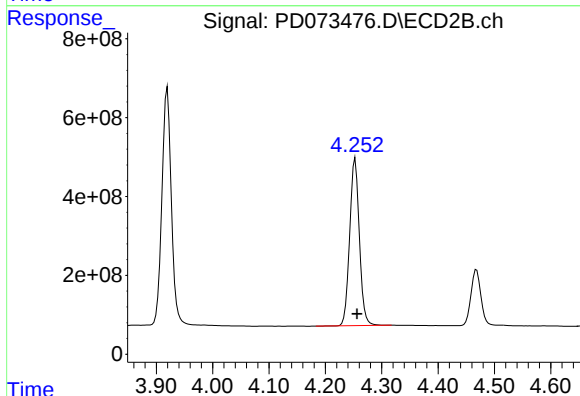
ClientSampleId :

PB149888BS

Manual Integrations

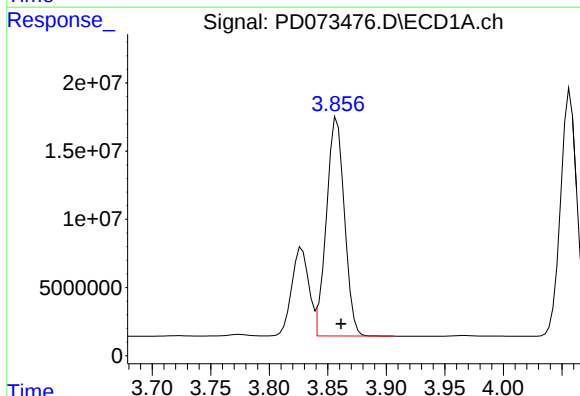
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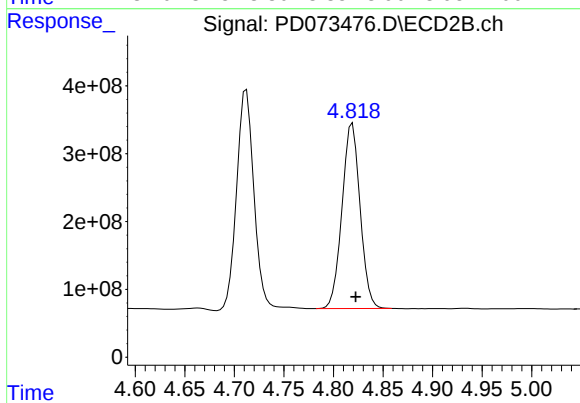
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 5066728394
Conc: 51.35 ng/ml



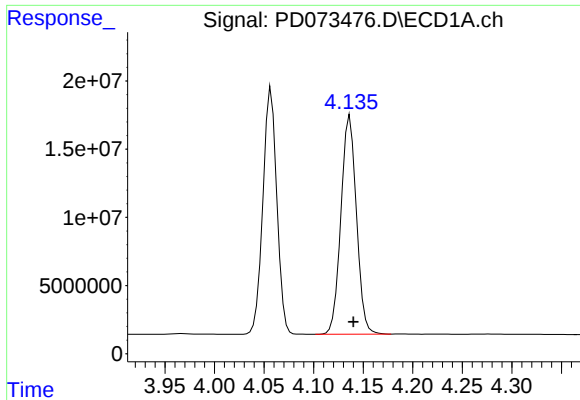
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 171192007
Conc: 54.72 ng/ml



#4 Heptachlor

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 3460317123
Conc: 54.30 ng/ml



#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 174498087
Conc: 56.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

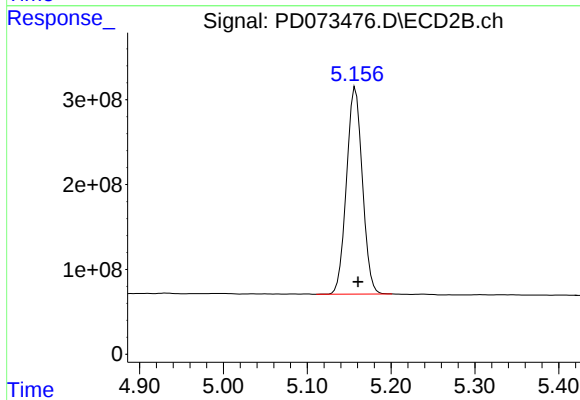
PB149888BS

Manual Integrations

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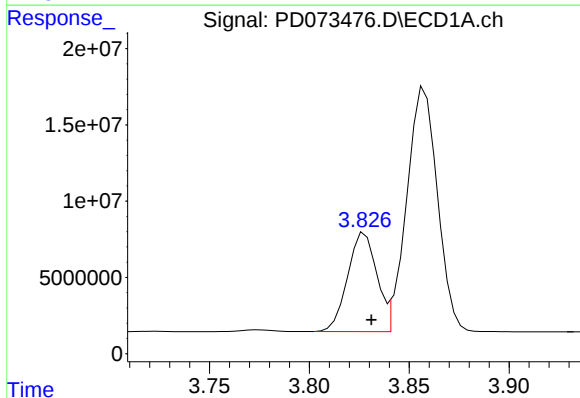
Reviewed By :Abdul Mirza 12/27/2022

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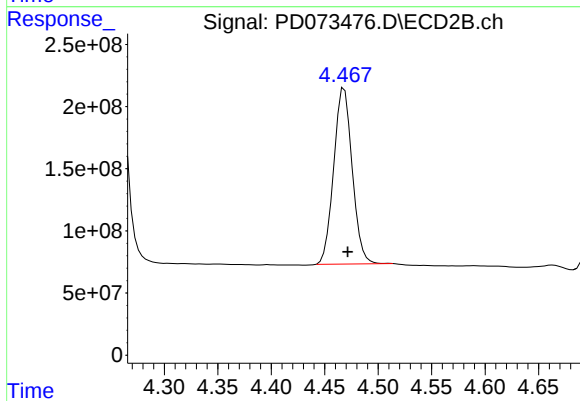
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 3215034921
Conc: 58.35 ng/ml



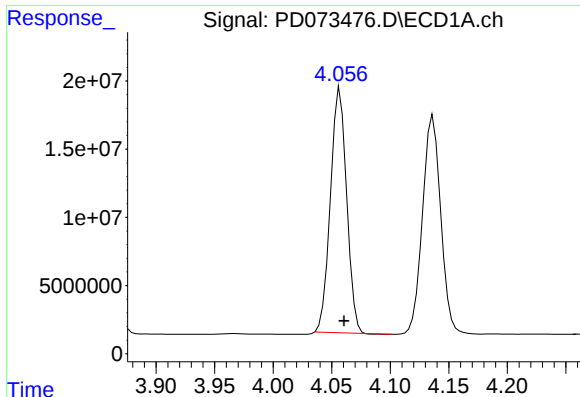
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 65840137
Conc: 51.85 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1709278612
Conc: 50.44 ng/ml



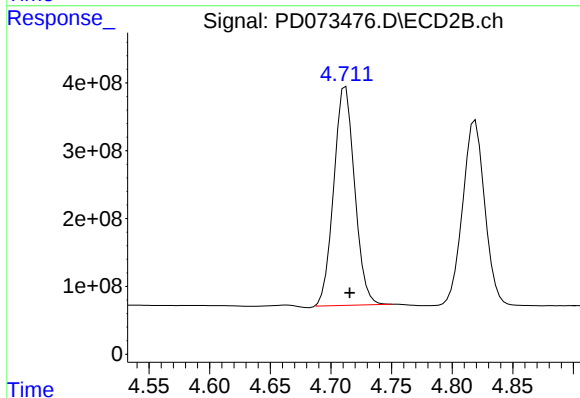
#7 delta-BHC

R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 172888087
Conc: 54.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

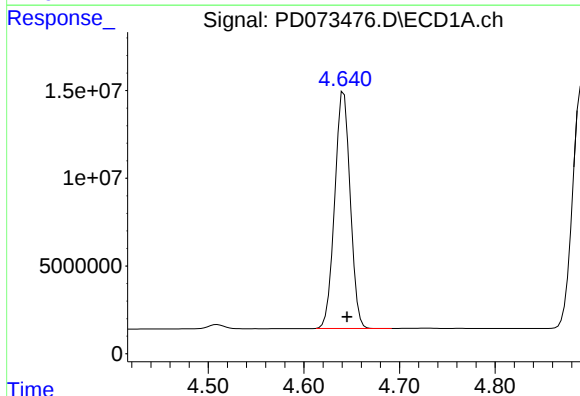
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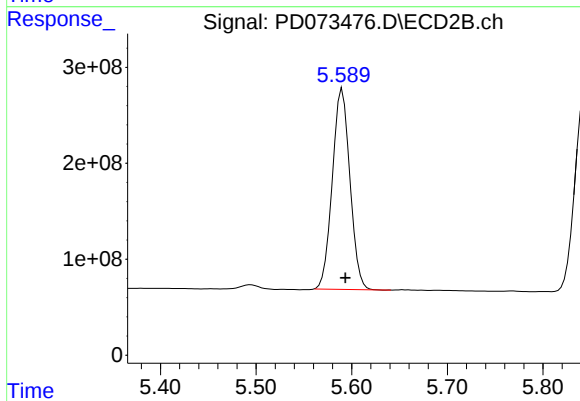
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 3856640148
Conc: 58.12 ng/ml



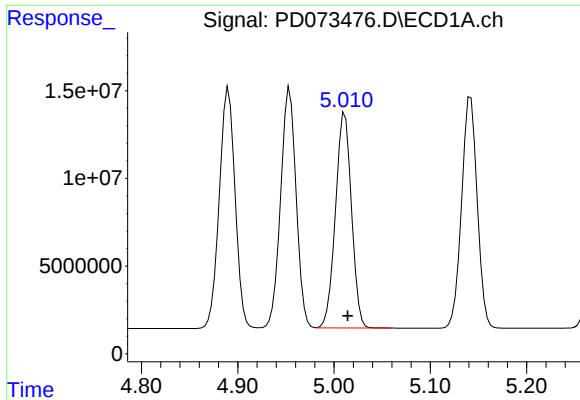
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 151807434
Conc: 54.77 ng/ml



#8 Heptachlor epoxide

R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 2667274241
Conc: 59.83 ng/ml



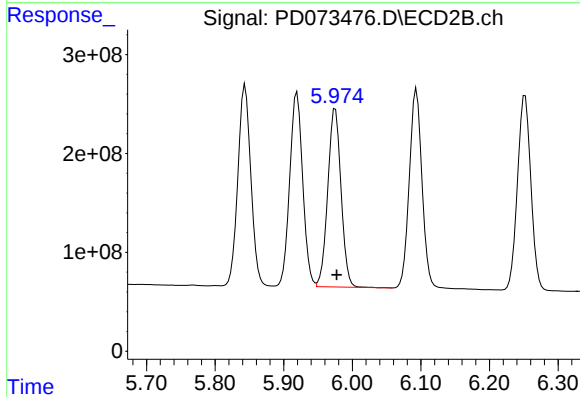
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 141852904
Conc: 53.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

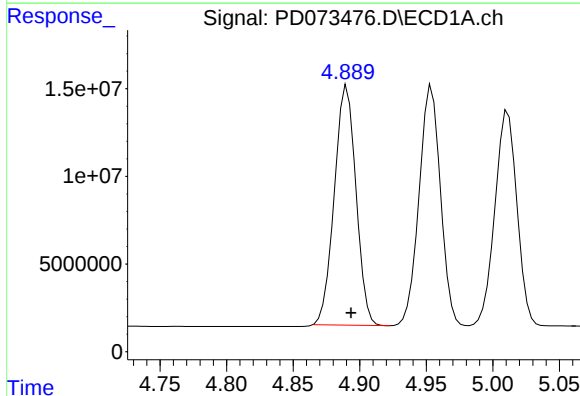
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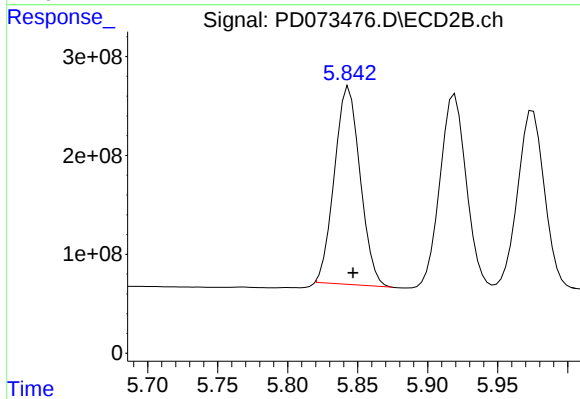
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2428153266
Conc: 58.49 ng/ml



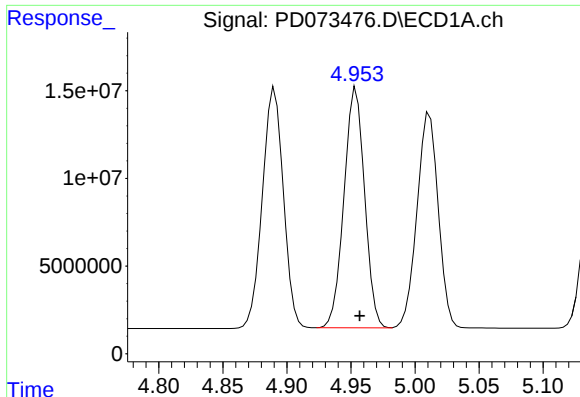
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 154511817
Conc: 54.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 2545744340
Conc: 56.95 ng/ml



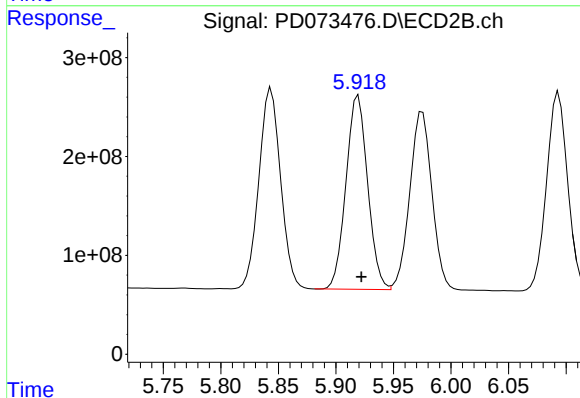
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 153238691
Conc: 54.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

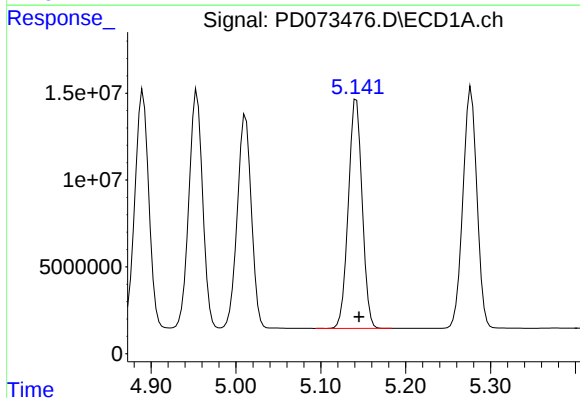
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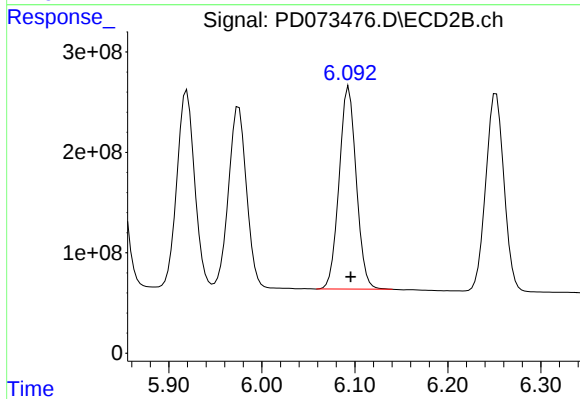
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 2581855701
Conc: 59.00 ng/ml



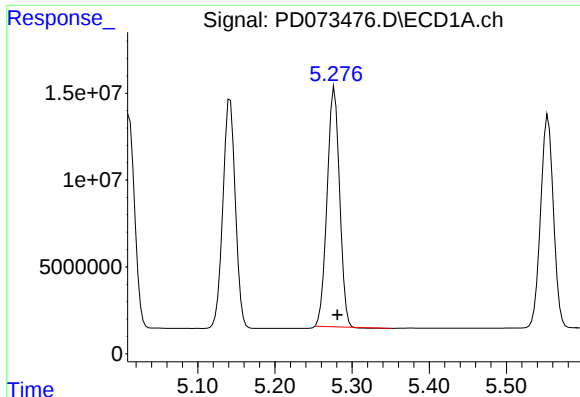
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 149292252
Conc: 55.13 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 2581837637
Conc: 61.09 ng/ml



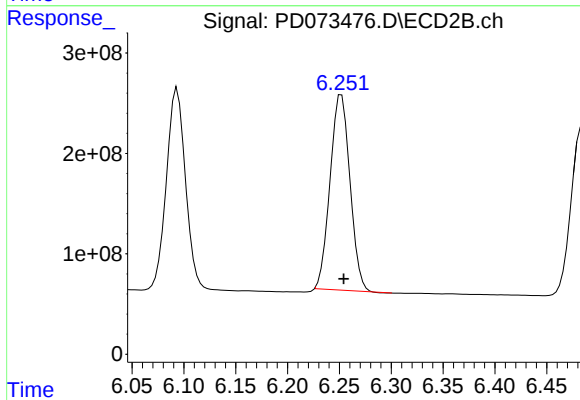
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 155143943
Conc: 54.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

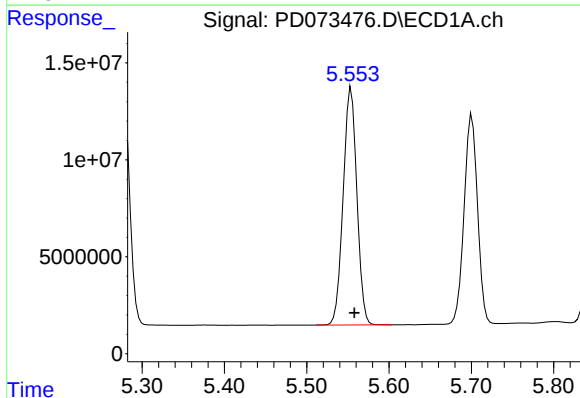
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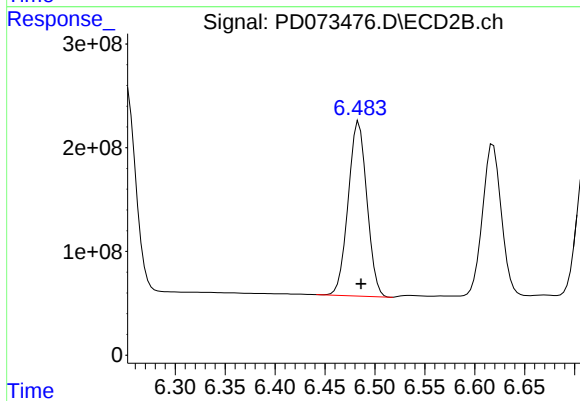
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 2593152244
Conc: 61.73 ng/ml



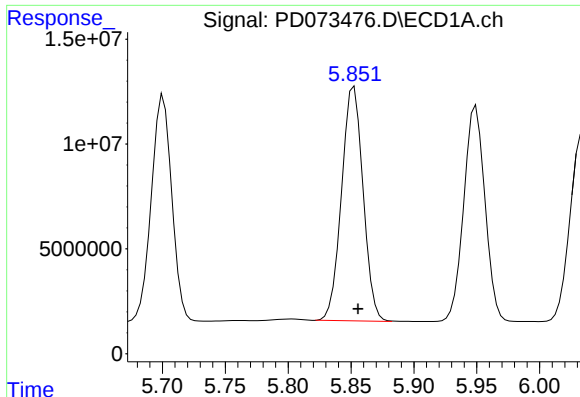
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 141897691
Conc: 55.26 ng/ml



#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 2197877941
Conc: 66.90 ng/ml



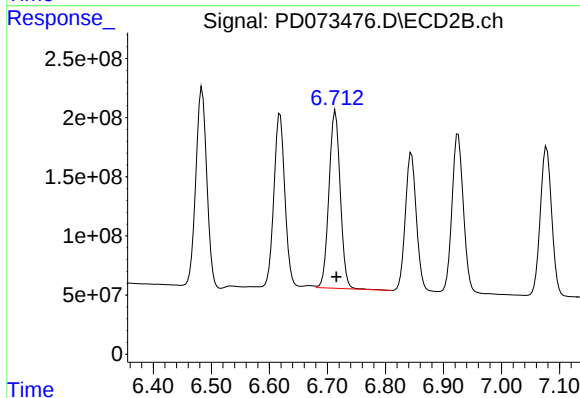
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 132942074
Conc: 56.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

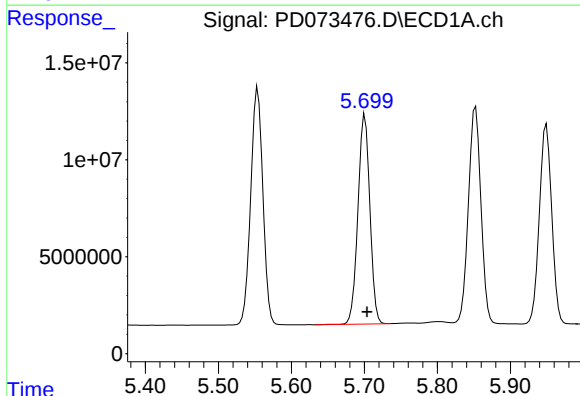
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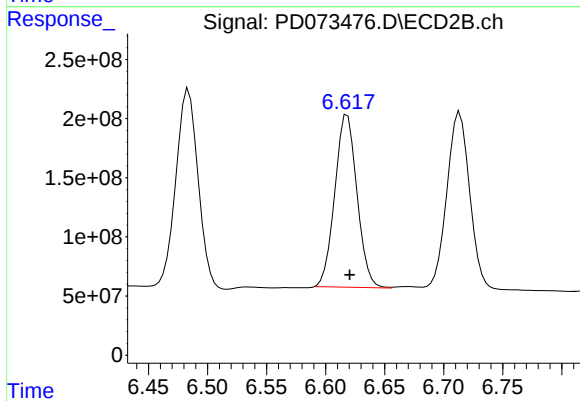
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 2023868376
Conc: 63.71 ng/ml



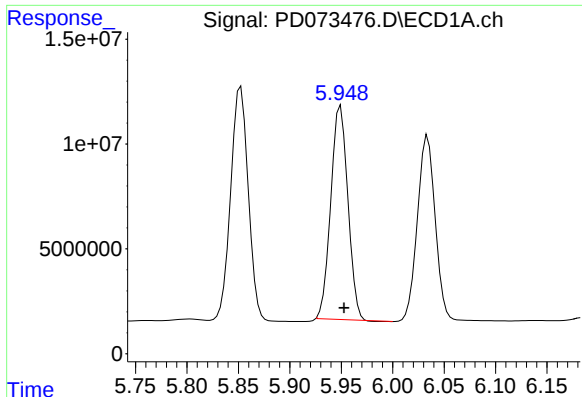
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 122633118
Conc: 54.37 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.002 min
Response: 1904761820
Conc: 60.97 ng/ml



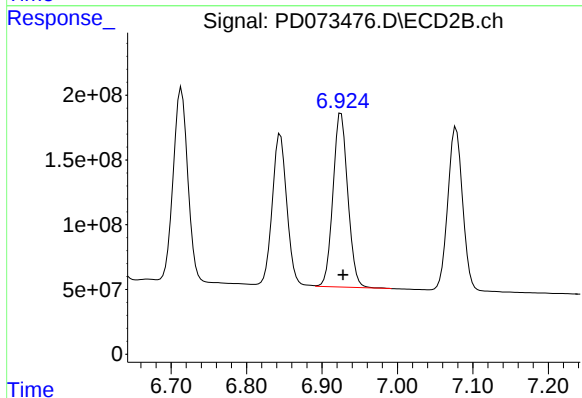
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 117695405
Conc: 53.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

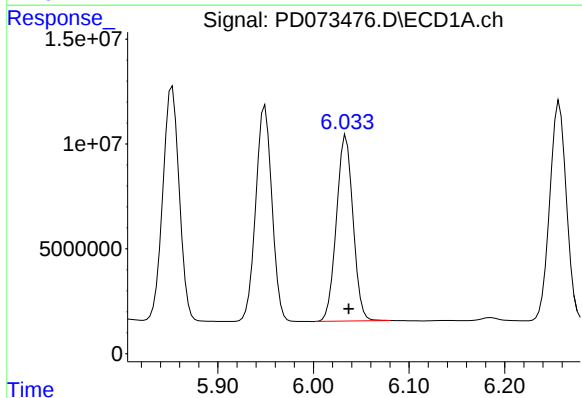
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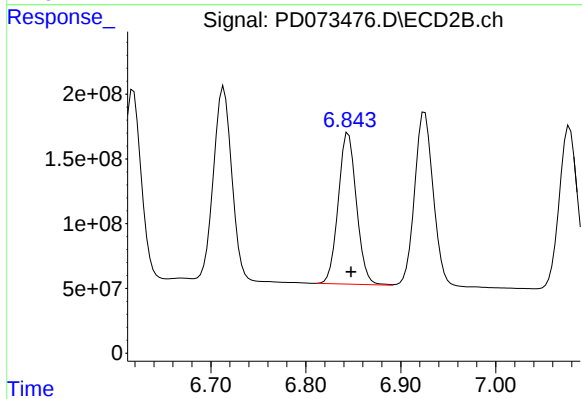
#17 4,4'-DDT

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1829338437
Conc: 60.54 ng/ml



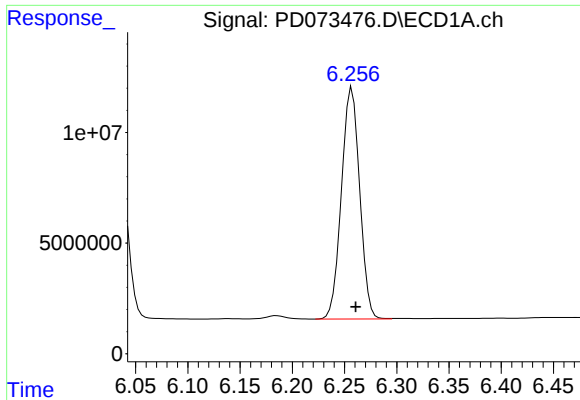
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 106944985
Conc: 56.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 1556197639
Conc: 66.38 ng/ml



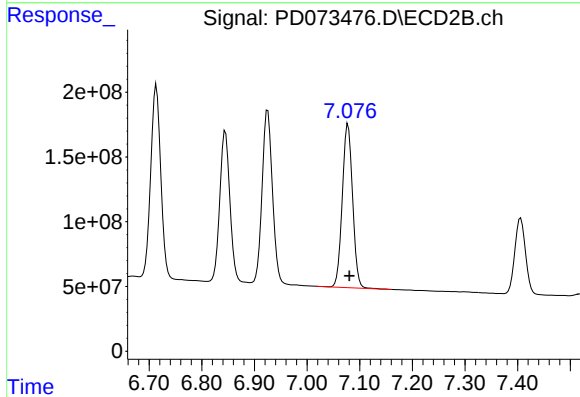
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 127057061
Conc: 53.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

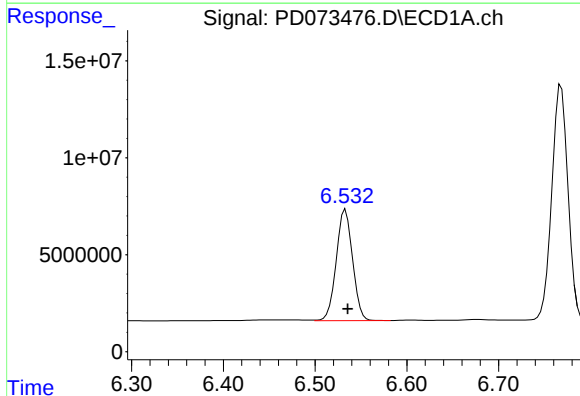
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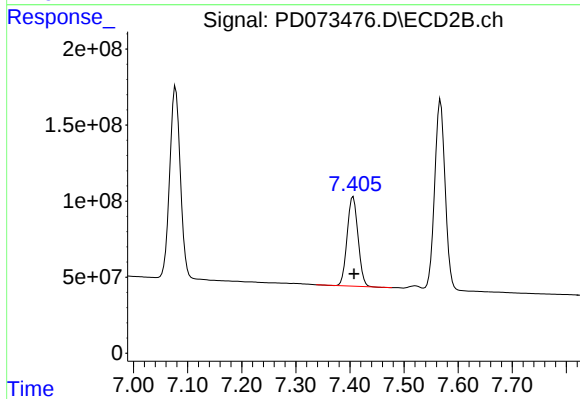
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.003 min
Response: 1720994712
Conc: 62.90 ng/ml



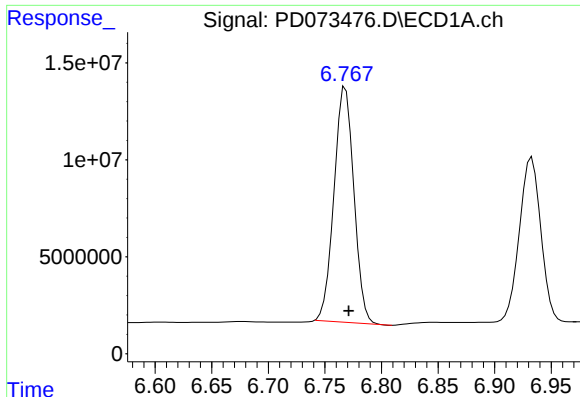
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 70933814
Conc: 53.22 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 824053933
Conc: 60.88 ng/ml



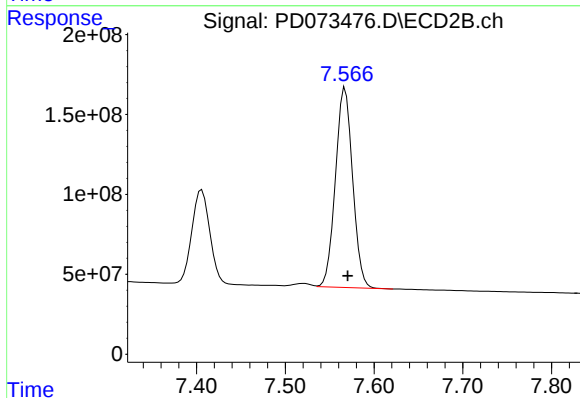
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 148426097
Conc: 54.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149888BS

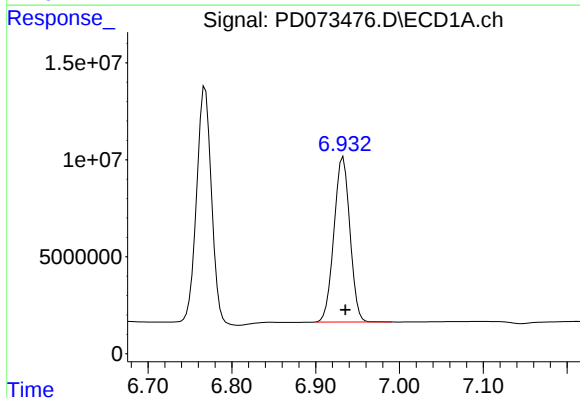
Manual Integrations
APPROVED

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



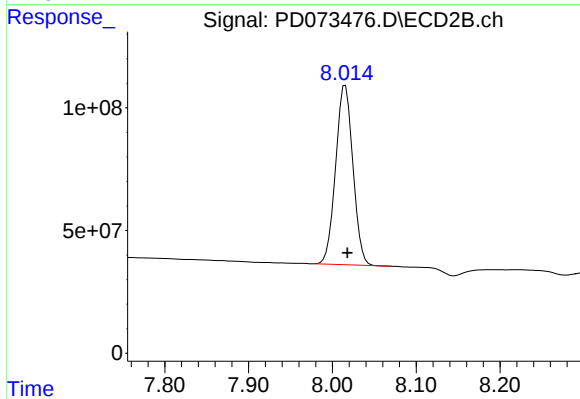
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1679352273
Conc: 61.16 ng/ml



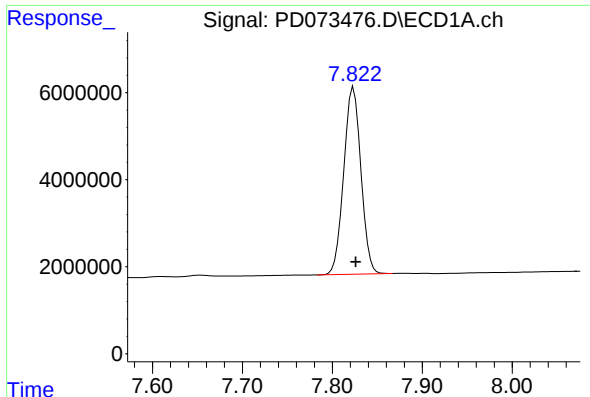
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 112398239
Conc: 54.07 ng/ml



#22 Mirex

R.T.: 8.015 min
Delta R.T.: -0.002 min
Response: 1046535831
Conc: 59.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 57044979
Conc: 23.56 ng/ml

Instrument :

ECD_D

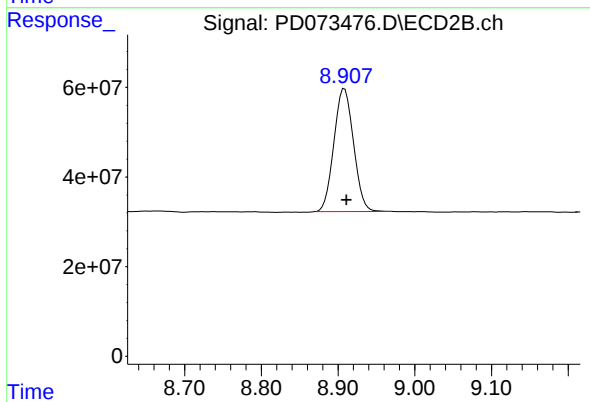
ClientSampleId :

PB149888BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 487765637
Conc: 27.67 ng/ml