

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 10:06
 Operator : AR\AJ
 Sample : PB152210BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB152210BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 21:29:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.547	2.768	62622297	33696443	26.254	25.850
2)	SA Decachlor...	9.086	7.918	81108806	35497789	26.709	26.613
Target Compounds							
2)	A alpha-BHC	4.004	3.272	236.8E6	111.4E6	56.940	57.031
3)	MA gamma-BHC...	4.337	3.601	217.5E6	102.5E6	56.038	56.457
4)	MA Heptachlor	4.928	3.942	225.0E6	103.3E6	57.539	55.859
5)	MB Aldrin	5.272	4.223	225.4E6	106.1E6	58.651	57.392
6)	B beta-BHC	4.531	3.897	85150228	42320990	50.758	52.106
7)	B delta-BHC	4.780	4.128	205.5E6	105.0E6	64.456	55.847
8)	B Heptachlo...	5.699	4.726	195.4E6	95083863	60.462	56.071
9)	A Endosulfan I	6.086	5.096	183.6E6	88612811	56.271	55.256
10)	B gamma-Chl...	5.955	4.976	203.3E6	97474953	58.627	56.294
11)	B alpha-Chl...	6.035	5.041	199.7E6	95902945	57.490	55.980
12)	B 4,4'-DDE	6.207	5.230	187.3E6	90769898	58.417	57.876
13)	MA Dieldrin	6.361	5.361	201.4E6	98591314	59.039	58.722
14)	MA Endrin	6.592	5.636	173.7E6	89568811	59.766	59.357
15)	B Endosulfa...	6.810	5.930	168.5E6	83131047	58.721	60.457
16)	A 4,4'-DDD	6.724	5.785	149.4E6	75377355	56.369	57.174
17)	MA 4,4'-DDT	7.039	6.036	163.2E6	79599380	56.027	58.937
18)	B Endrin al...	6.939	6.110	135.5E6	67620891	58.998m	60.574
19)	B Endosulfa...	7.175	6.333	158.4E6	78889988	54.854	57.087
20)	A Methoxychlor	7.515	6.612	88638929	42992619	54.430	57.041
21)	B Endrin ke...	7.661	6.839	178.7E6	91523004	54.880	56.006
22)	Mirex	8.137	7.023	132.6E6	71250057	53.401	55.220

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

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Data File : PD074806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 10:06
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ECD_D

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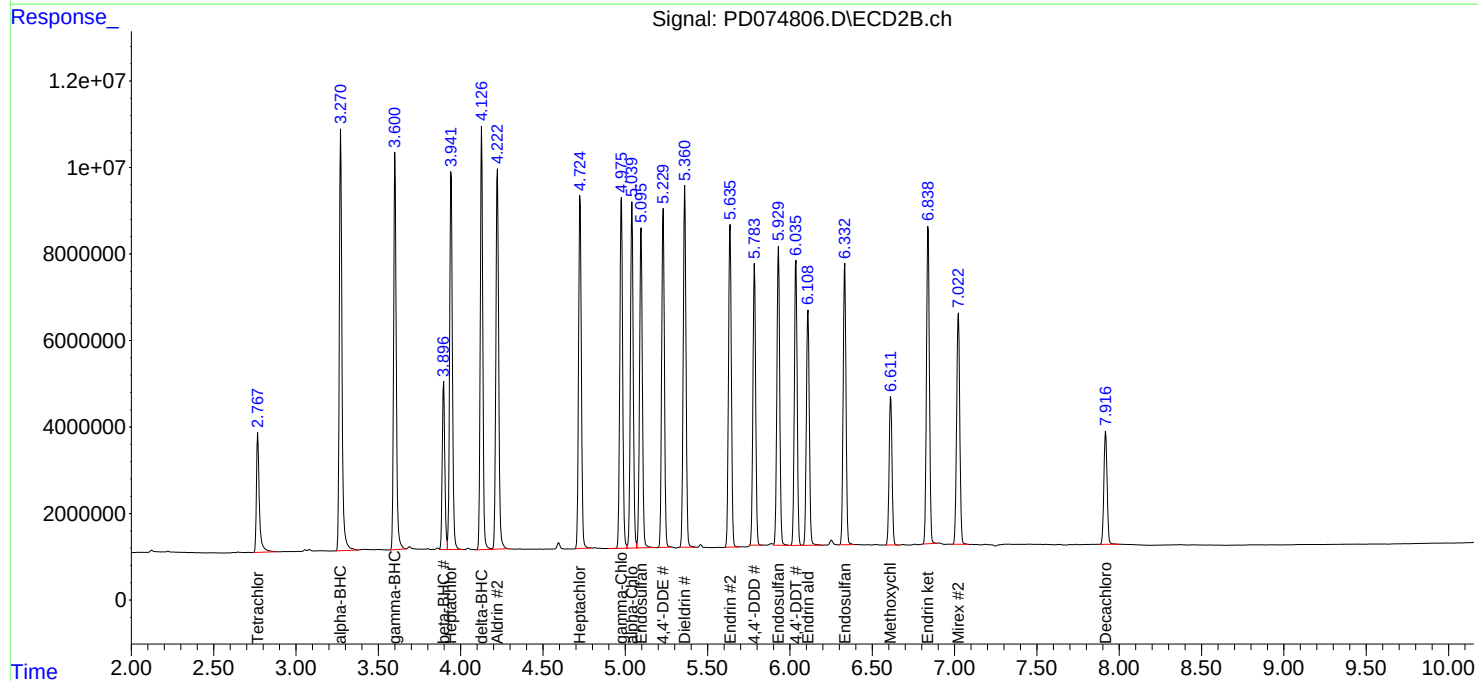
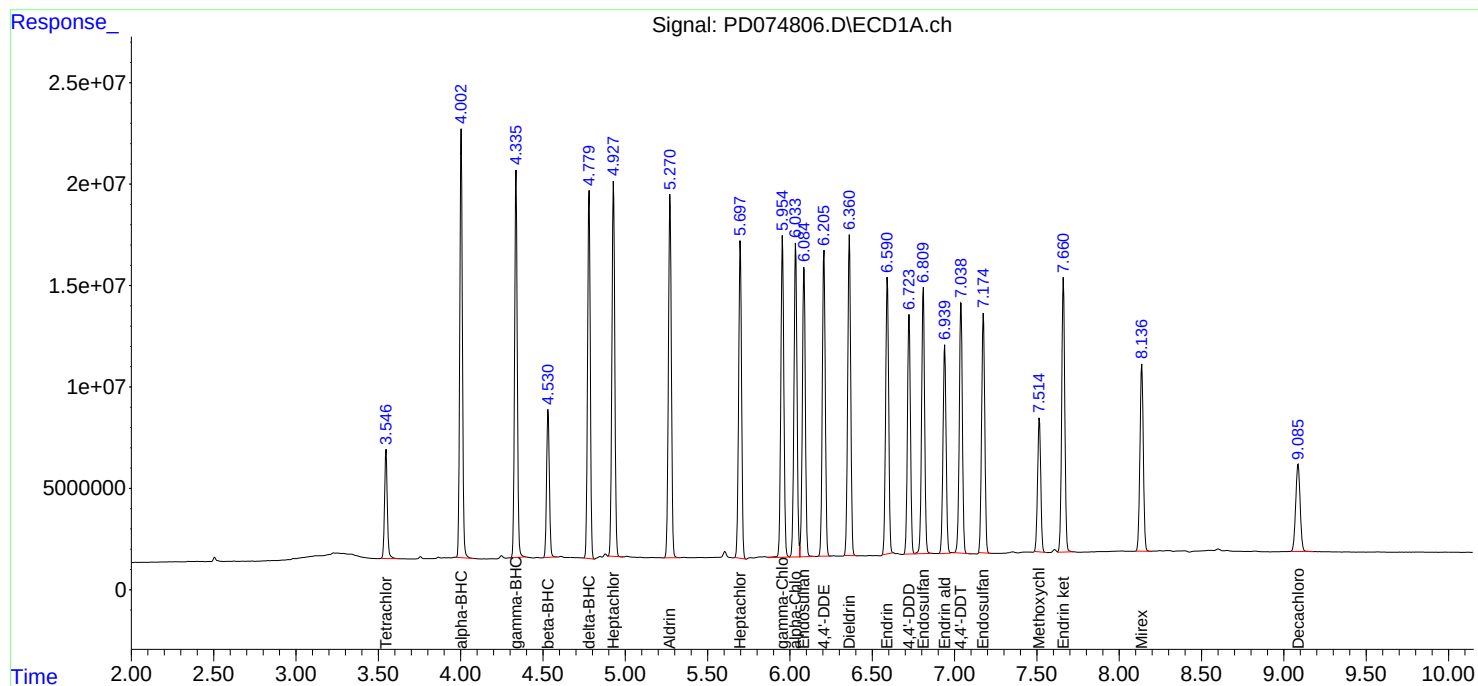
Manual Integrations

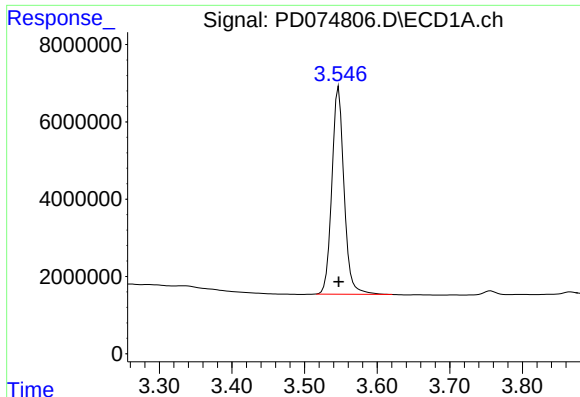
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Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 21:29:58 2023
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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.: 3.547 min
Delta R.T.: 0.000 min
Response: 62622297
Conc: 26.25 ng/ml

Instrument :

ECD_D

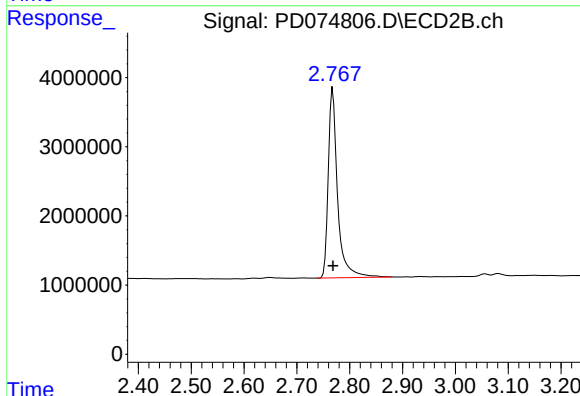
ClientSampleId :

PB152210BS

Manual Integrations

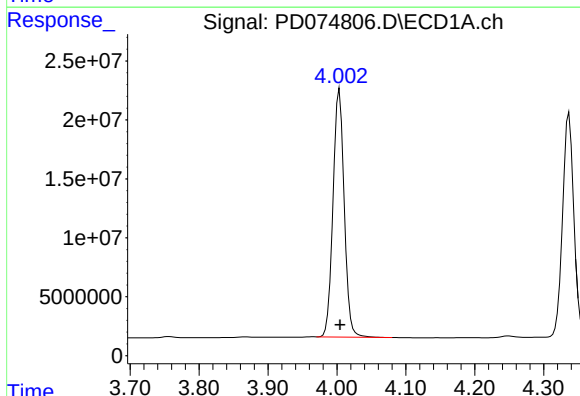
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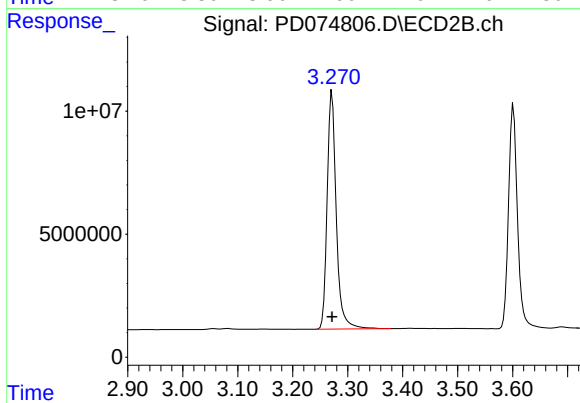
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 33696443
Conc: 25.85 ng/ml



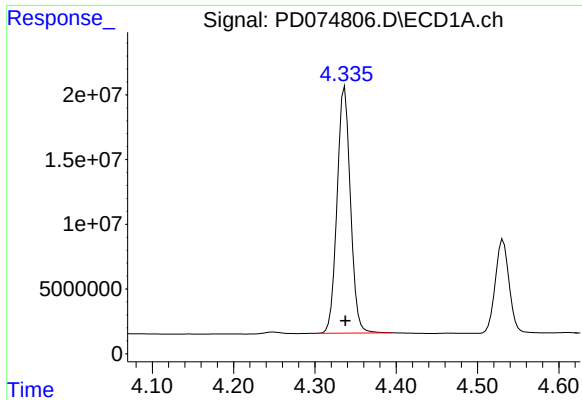
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 236826008
Conc: 56.94 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 111353557
Conc: 57.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 217489820
Conc: 56.04 ng/ml

Instrument :

ECD_D

ClientSampleId :

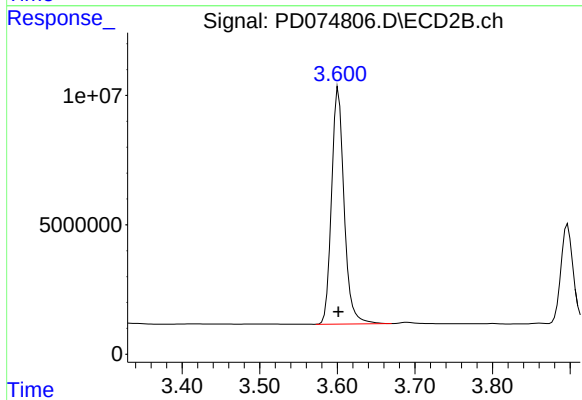
PB152210BS

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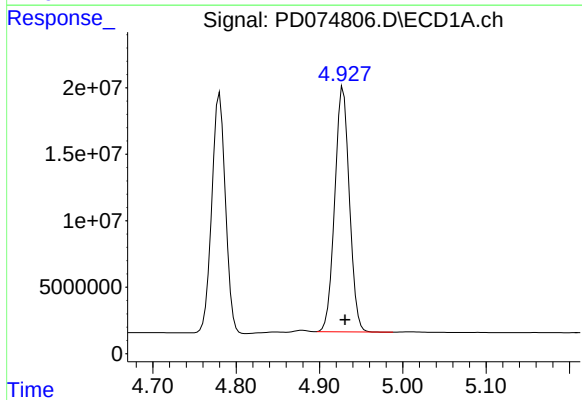
Reviewed By :Yogesh Patel 04/21/2023

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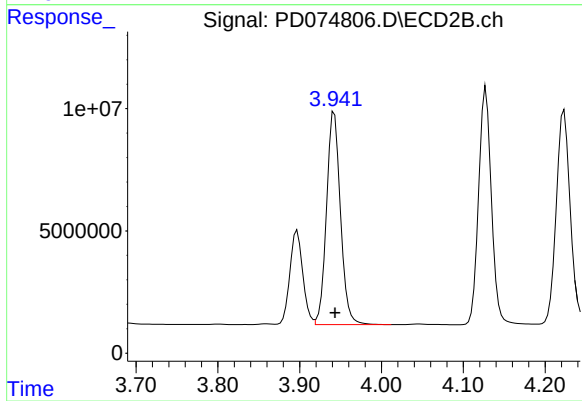
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 102460633
Conc: 56.46 ng/ml



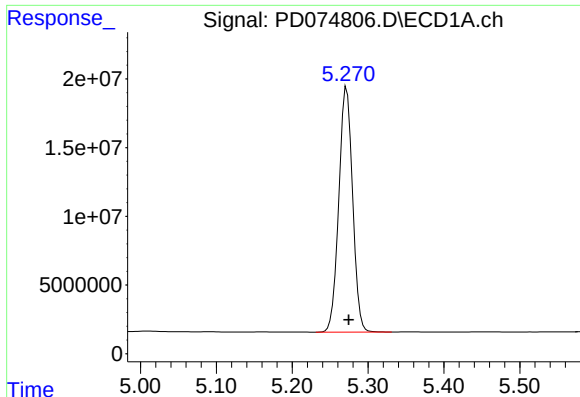
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 225044980
Conc: 57.54 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 103318312
Conc: 55.86 ng/ml



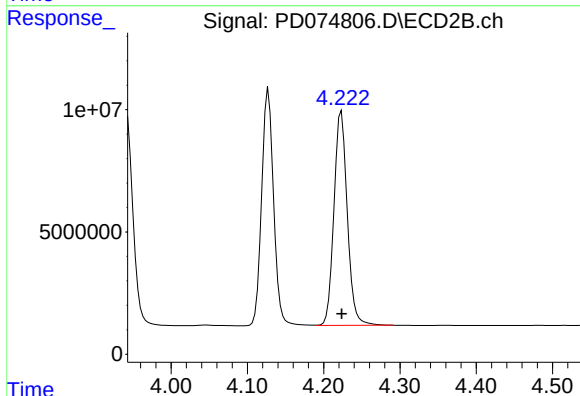
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 225385948
Conc: 58.65 ng/ml

Instrument :
ECD_D
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PB152210BS

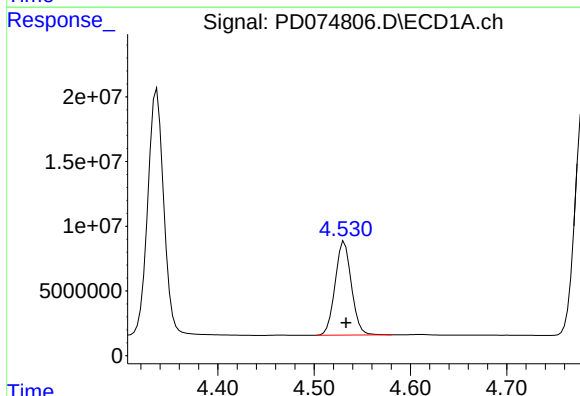
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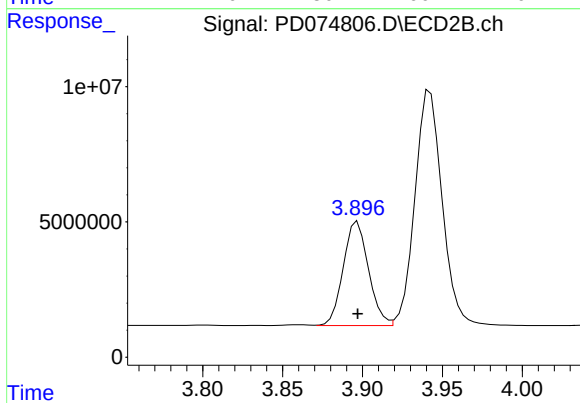
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 106103480
Conc: 57.39 ng/ml



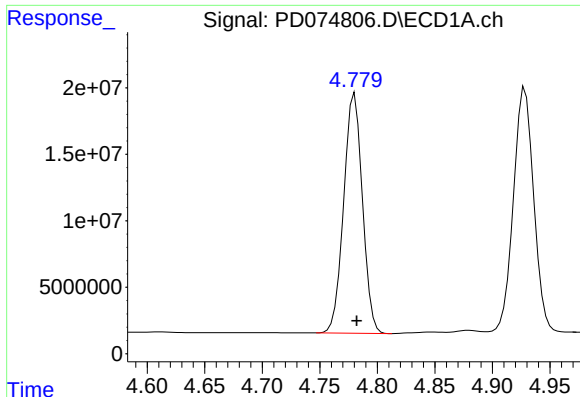
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 85150228
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 42320990
Conc: 52.11 ng/ml



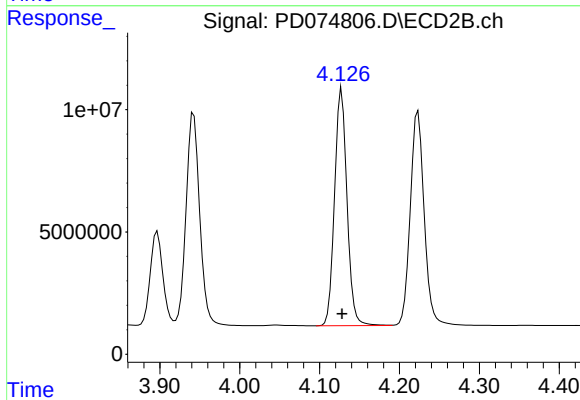
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 205523813
Conc: 64.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

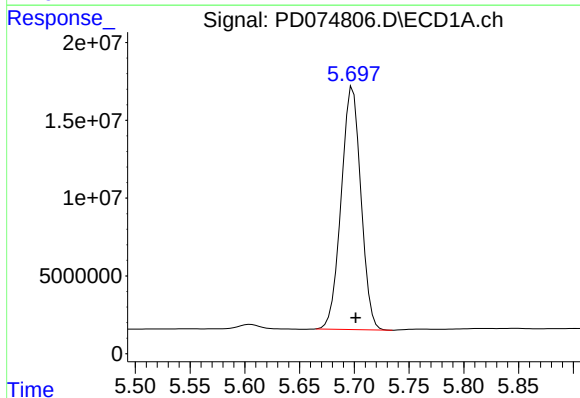
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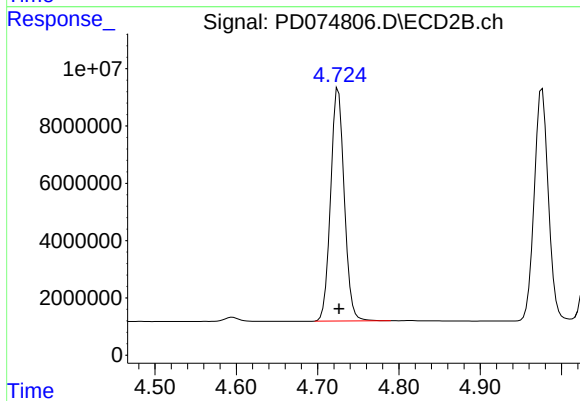
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 105004046
Conc: 55.85 ng/ml



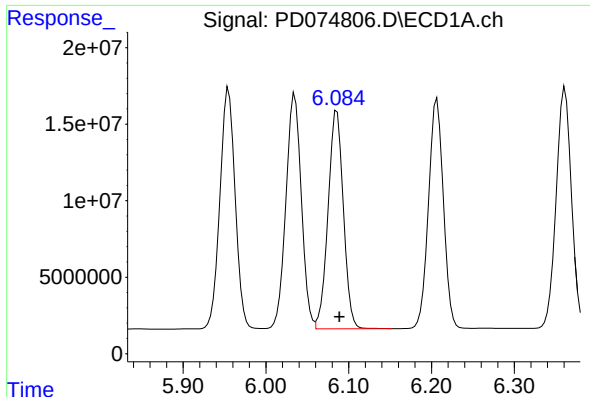
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 195370349
Conc: 60.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 95083863
Conc: 56.07 ng/ml



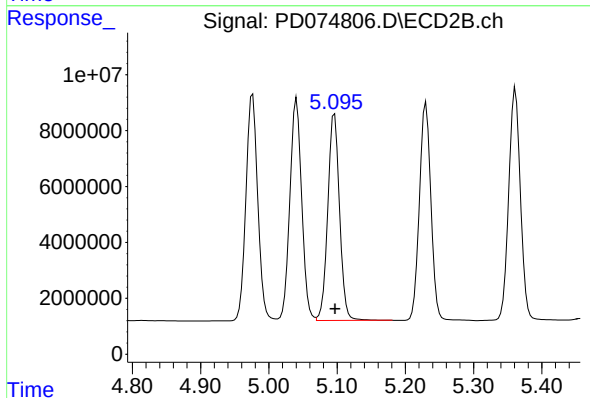
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 183602553
Conc: 56.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

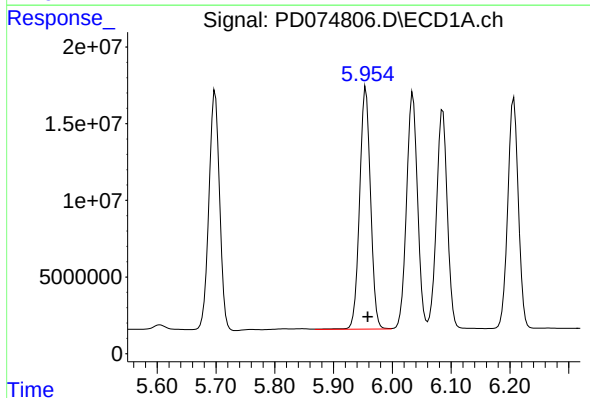
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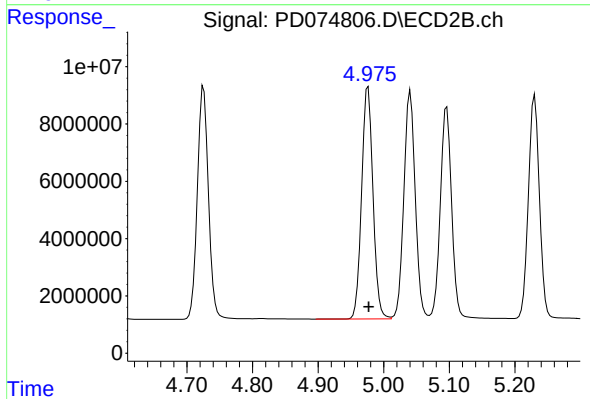
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 88612811
Conc: 55.26 ng/ml



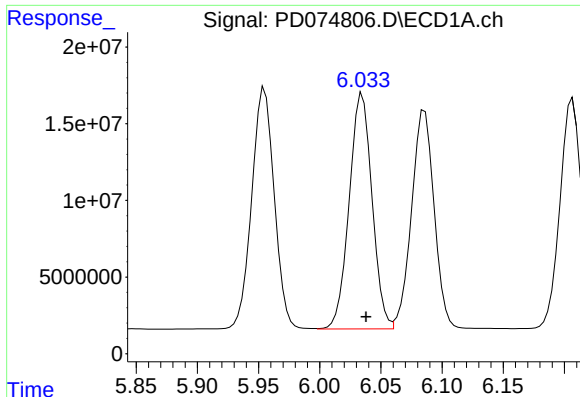
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 203315266
Conc: 58.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 97474953
Conc: 56.29 ng/ml



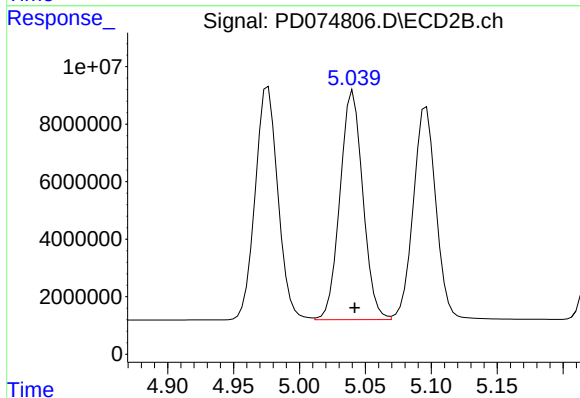
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 199714844
Conc: 57.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

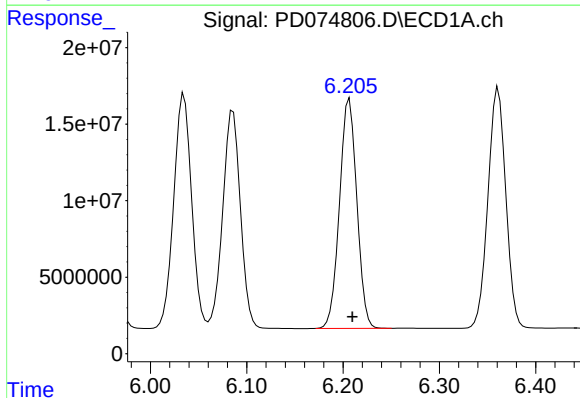
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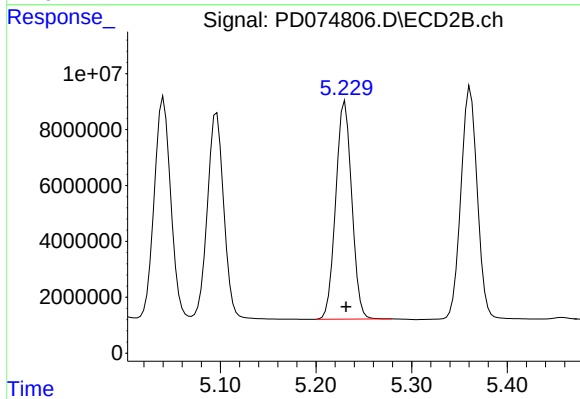
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.001 min
Response: 95902945
Conc: 55.98 ng/ml



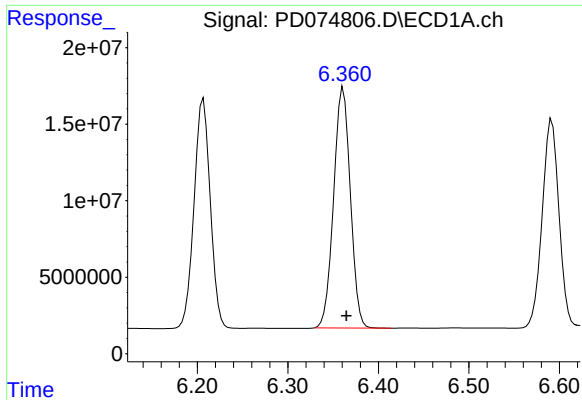
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 187284517
Conc: 58.42 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 90769898
Conc: 57.88 ng/ml



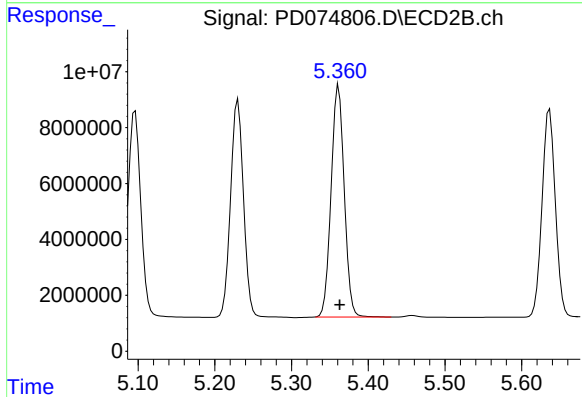
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 201382850
Conc: 59.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
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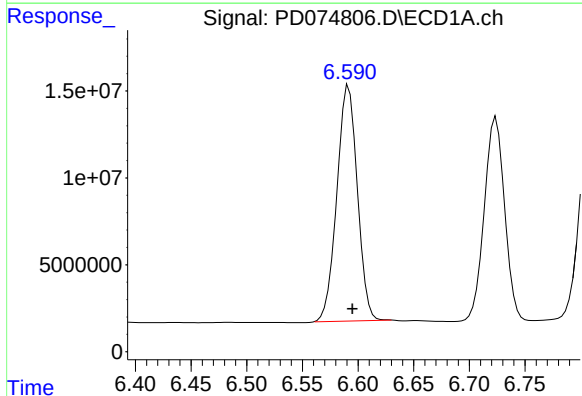
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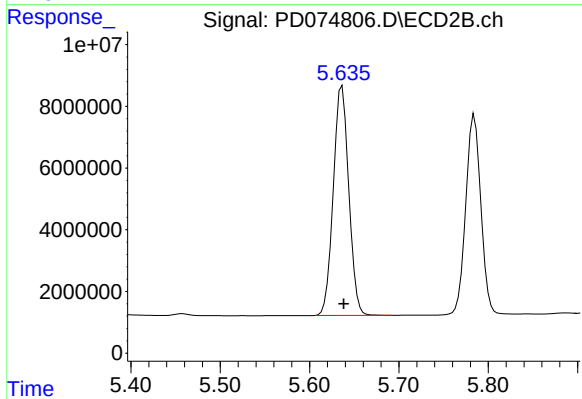
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 98591314
Conc: 58.72 ng/ml



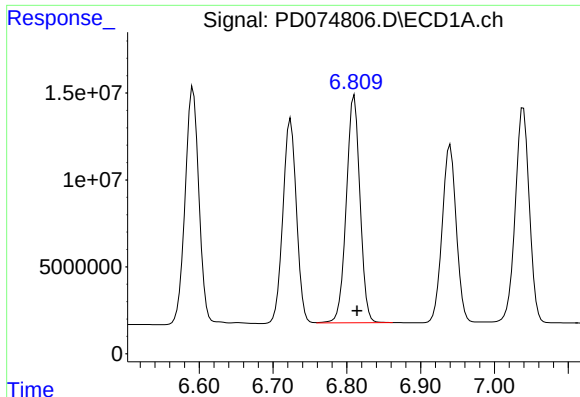
#14 Endrin

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 173650357
Conc: 59.77 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 89568811
Conc: 59.36 ng/ml



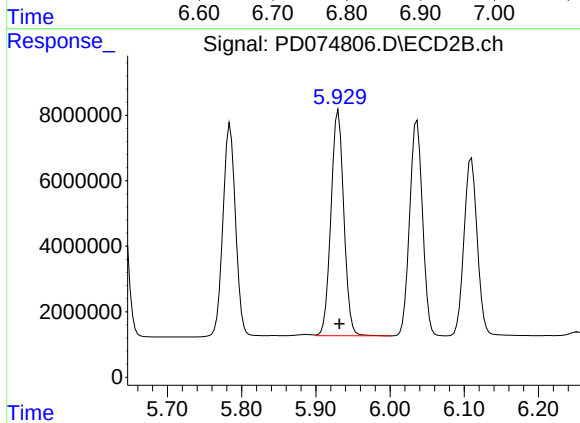
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 168479431
Conc: 58.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

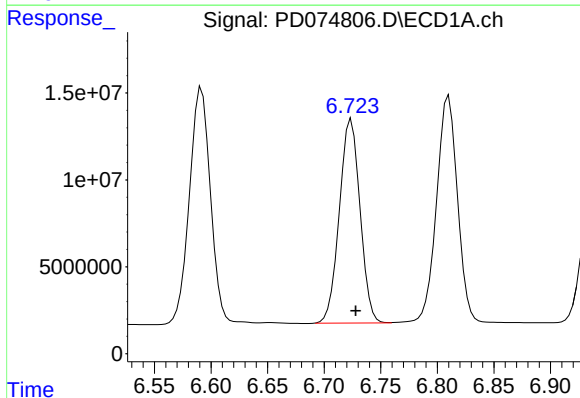
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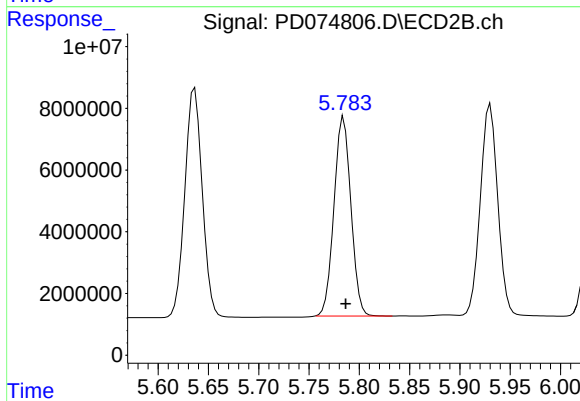
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 83131047
Conc: 60.46 ng/ml



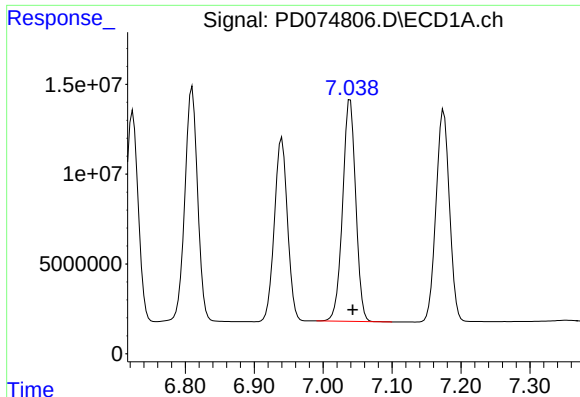
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 149363879
Conc: 56.37 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 75377355
Conc: 57.17 ng/ml



#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 163235643
Conc: 56.03 ng/ml

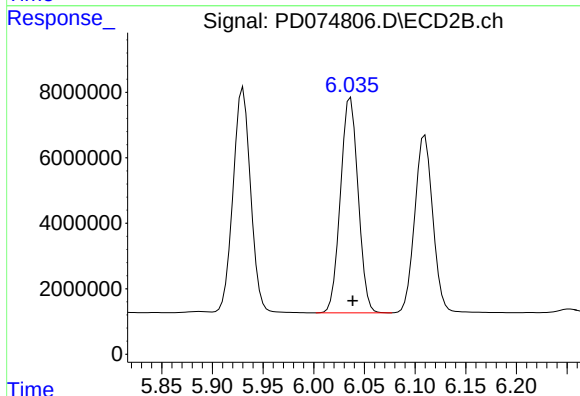
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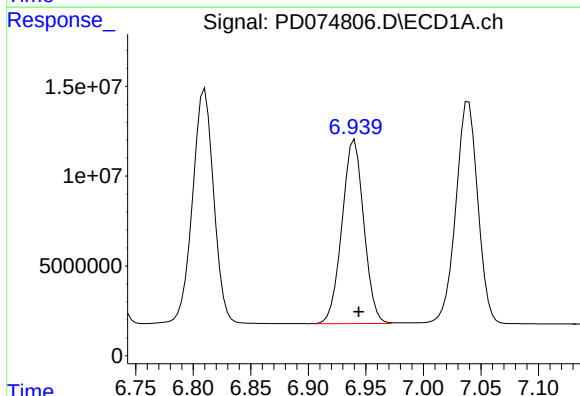
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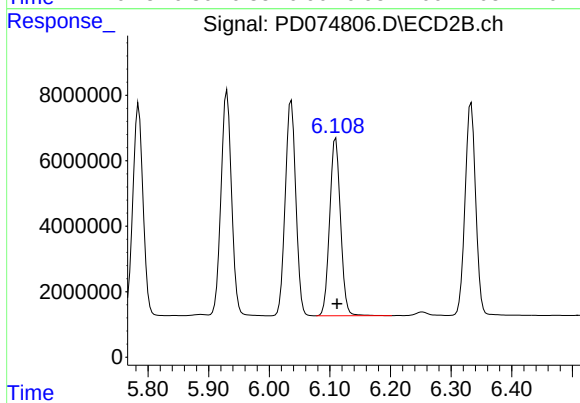
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 79599380
Conc: 58.94 ng/ml



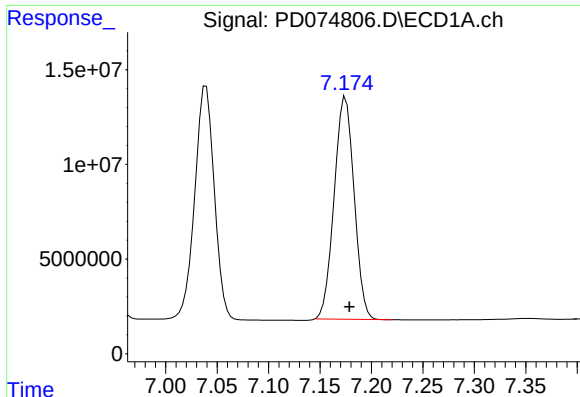
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 135477138
Conc: 59.00 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 67620891
Conc: 60.57 ng/ml



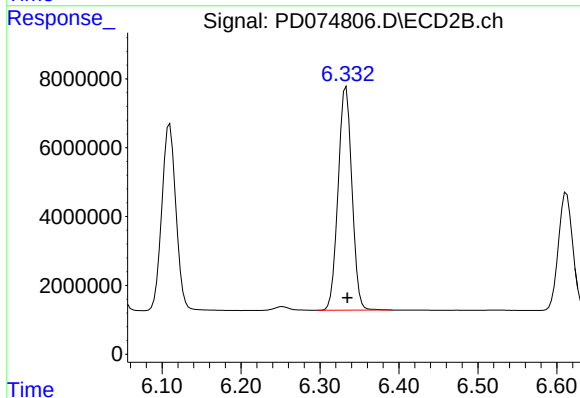
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 158443901
Conc: 54.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

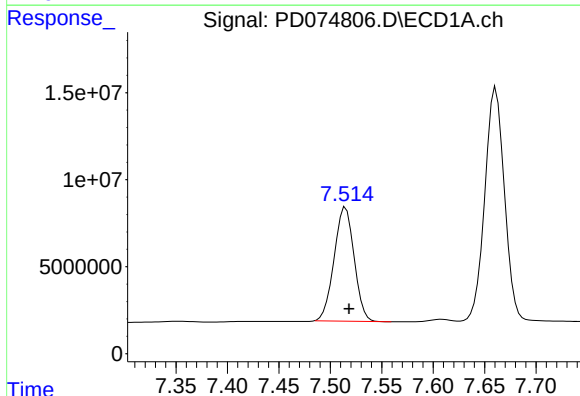
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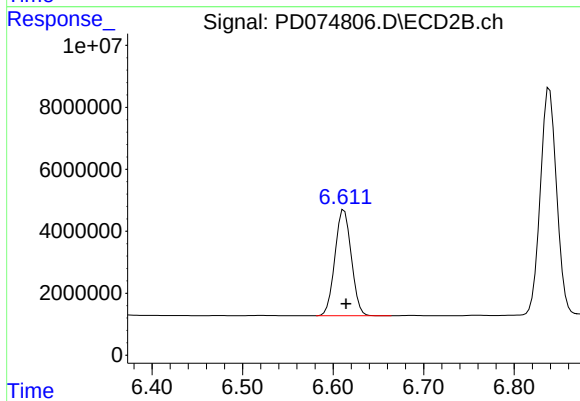
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 78889988
Conc: 57.09 ng/ml



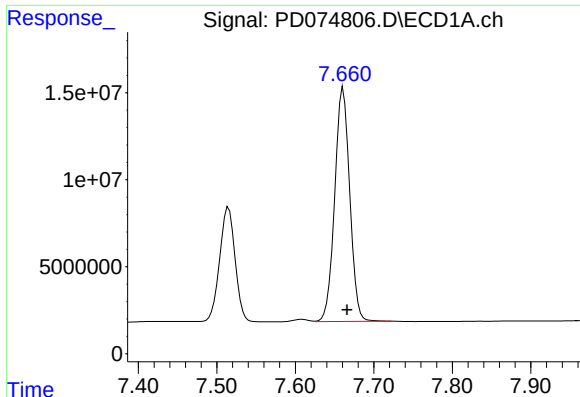
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 88638929
Conc: 54.43 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 42992619
Conc: 57.04 ng/ml



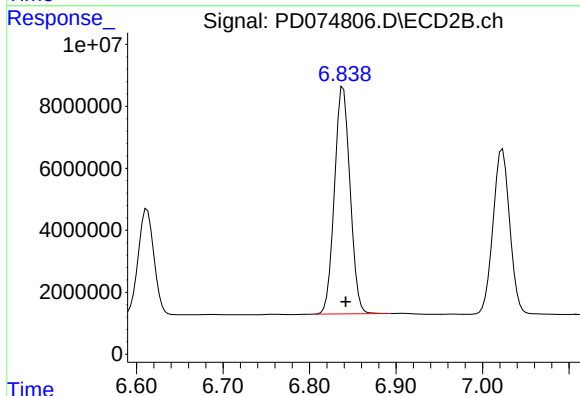
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 178748545
Conc: 54.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB152210BS

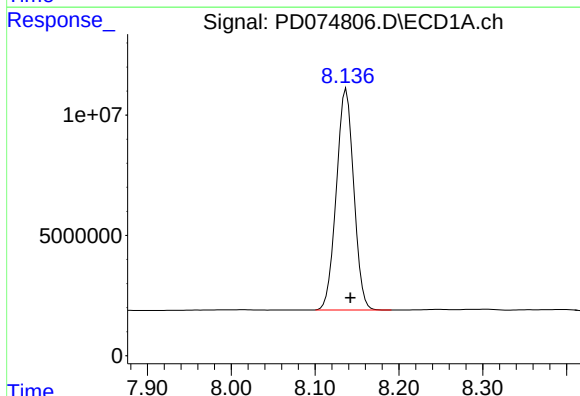
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APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



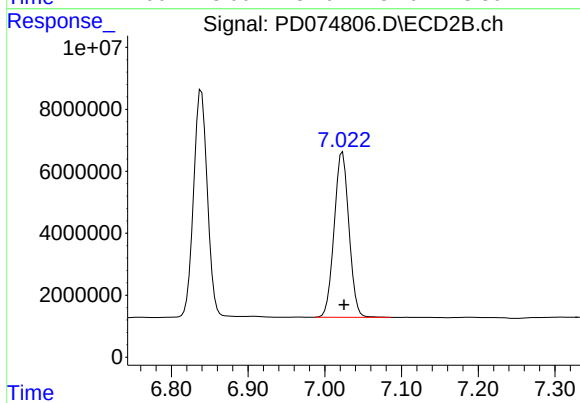
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 91523004
Conc: 56.01 ng/ml



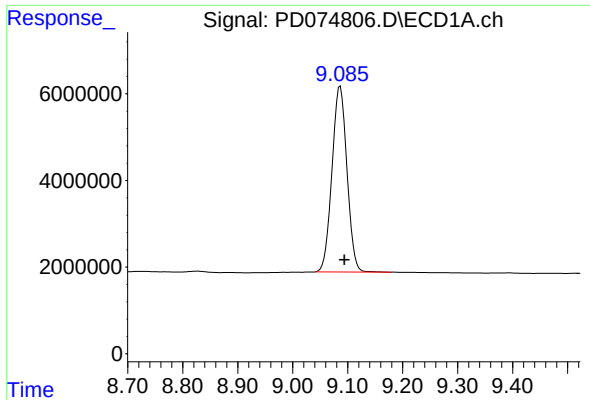
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 132600310
Conc: 53.40 ng/ml



#22 Mirex

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 71250057
Conc: 55.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.008 min
Response: 81108806
Conc: 26.71 ng/ml

Instrument :

ECD_D

ClientSampleId :

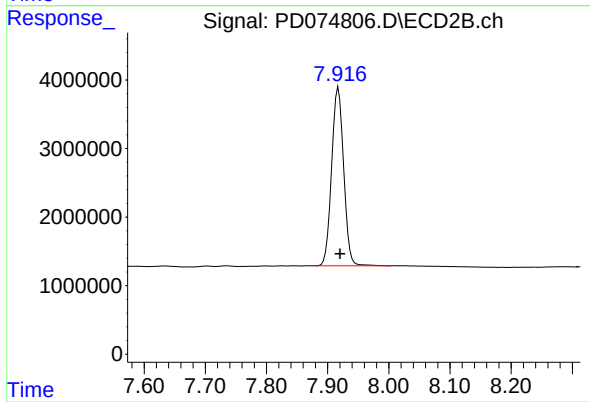
PB152210BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.003 min
Response: 35497789
Conc: 26.61 ng/ml