

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020124\
 Data File : PD081012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2024 15:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/02/2024
 Supervised By : Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 21:09:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.566	2.796	77102755	133.3E6	54.314	55.719
28)	SA Decachlor...	9.113	7.934	92496538	132.8E6	45.962	49.874
Target Compounds							
2)	A alpha-BHC	4.023	3.298	135.6E6	215.8E6	54.590	56.239
3)	MA gamma-BHC...	4.356	3.627	131.8E6	209.0E6	53.862	55.893
4)	MA Heptachlor	4.949	3.968	128.0E6	188.6E6	51.879	54.701
5)	MB Aldrin	5.293	4.248	129.0E6	206.1E6	52.560	56.600
6)	B beta-BHC	4.550	3.922	53205409	84684701	52.582	54.195
7)	B delta-BHC	4.800	4.153	137.6E6	216.0E6	54.830	57.547
8)	B Heptachlo...	5.719	4.750	123.7E6	178.6E6	55.236	53.319
9)	A Endosulfan I	6.106	5.120	106.8E6	162.1E6	51.510	52.915
10)	B gamma-Chl...	5.975	5.000	116.3E6	177.4E6	53.127	54.241
11)	B alpha-Chl...	6.055	5.064	113.2E6	175.6E6	51.971	53.721
12)	B 4,4'-DDE	6.226	5.251	104.4E6	167.8E6	51.289	54.786m
13)	MA Dieldrin	6.381	5.384	113.4E6	184.8E6	51.340	54.331
14)	MA Endrin	6.612	5.659	93207885	159.5E6	49.904	53.814
15)	B Endosulfa...	6.830	5.952	98257640	157.8E6	50.742	54.887
16)	A 4,4'-DDD	6.744	5.806	87344798	146.5E6	53.158	55.790
17)	MA 4,4'-DDT	7.059	6.058	85501612	136.2E6	48.011	51.333
18)	B Endrin al...	6.960	6.132	73505305	115.7E6	48.322	51.309
19)	B Endosulfa...	7.195	6.354	94481700	149.0E6	49.760	53.409
20)	A Methoxychlor	7.533	6.632	46589782	74853513	45.265	47.822
21)	B Endrin ke...	7.682	6.860	106.4E6	176.2E6	50.880	54.593
22)	Mirex	8.158	7.043	77764979	129.0E6	47.148	51.172

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020124\
Data File : PD081012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2024 15:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

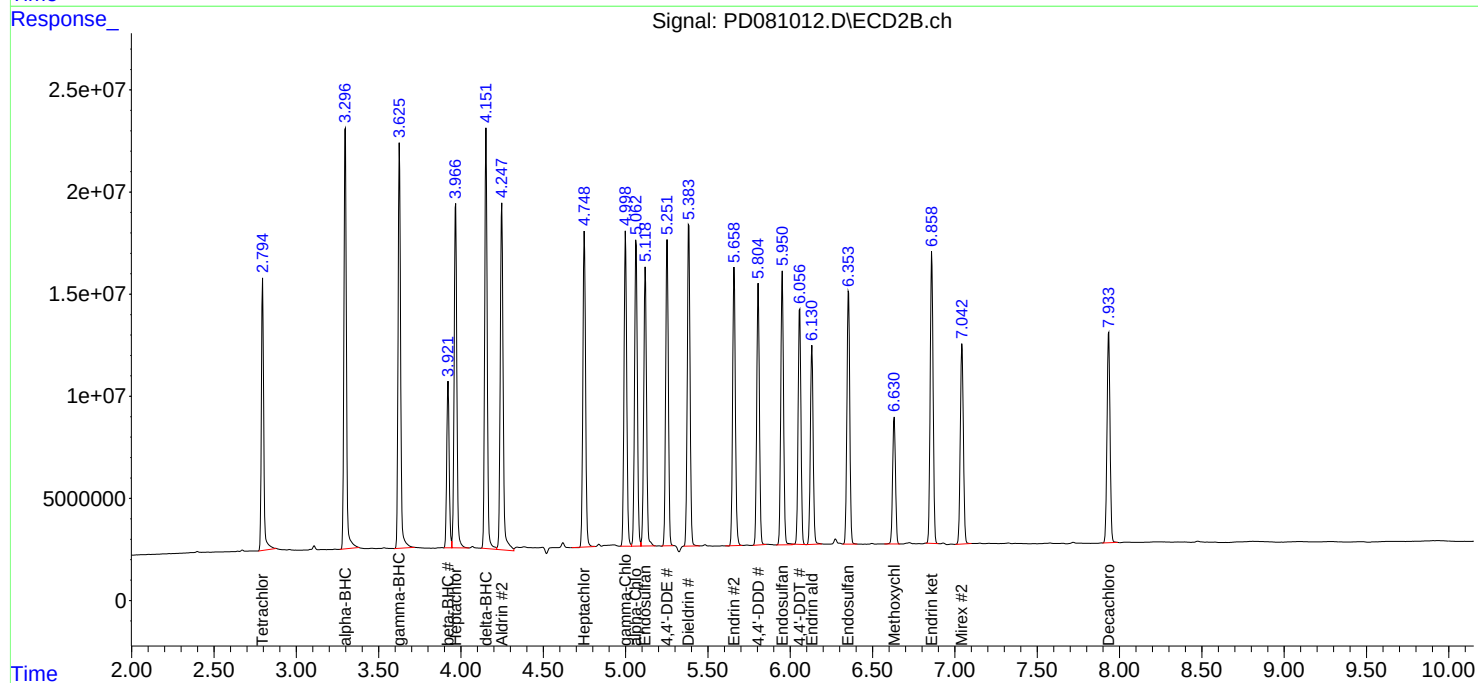
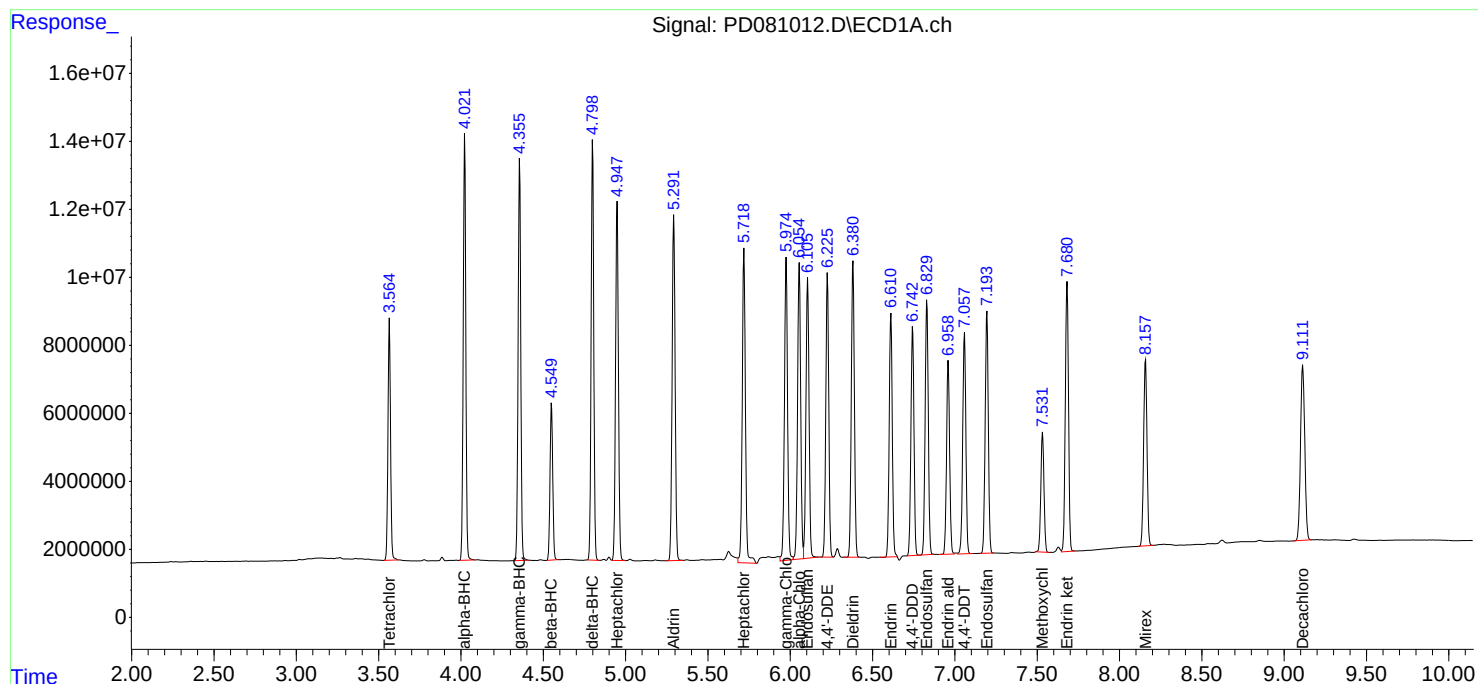
Manual Integrations

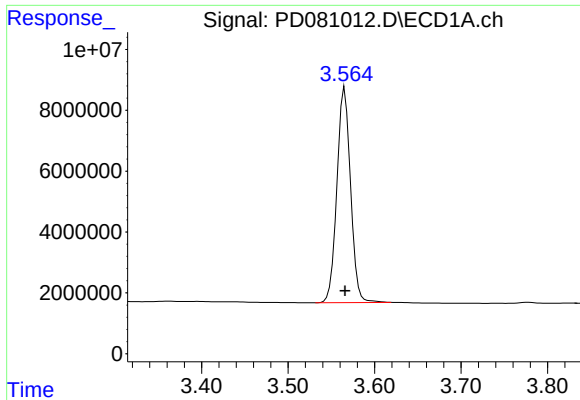
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Reviewed By :Abdul Mirza 02/02/2024
Supervised By :Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 21:09:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





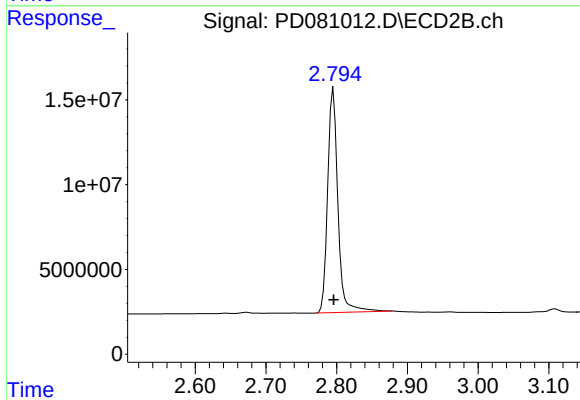
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 77102755
Conc: 54.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

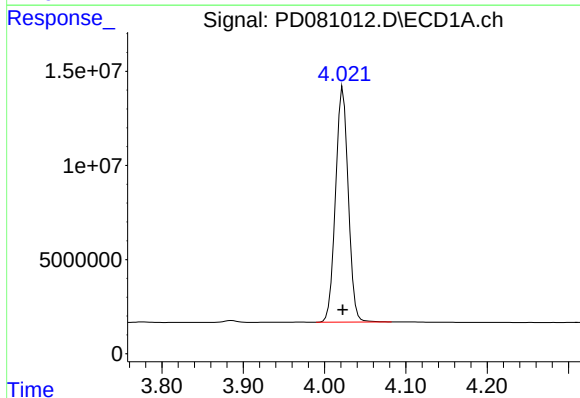
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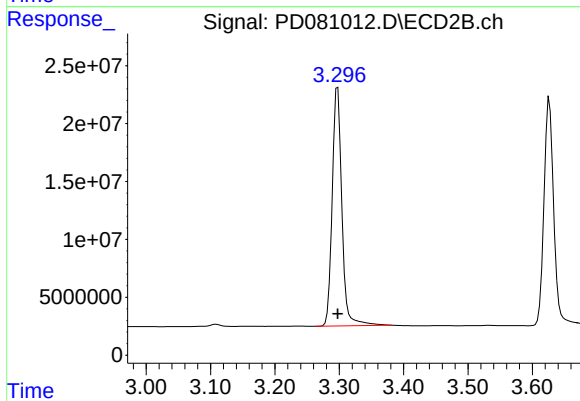
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 133287649
Conc: 55.72 ng/ml



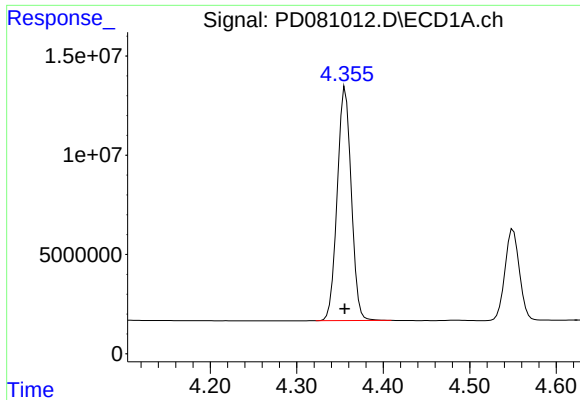
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 135591896
Conc: 54.59 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 215793414
Conc: 56.24 ng/ml



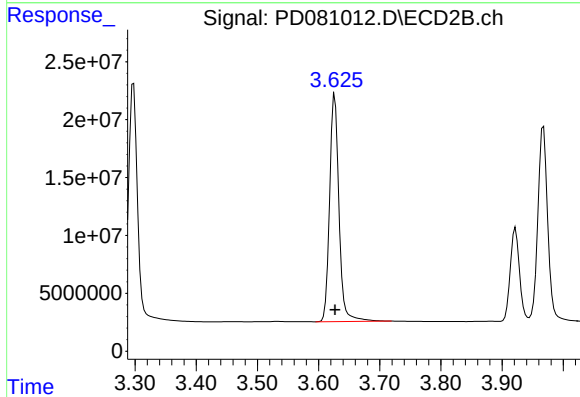
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 131833702
Conc: 53.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

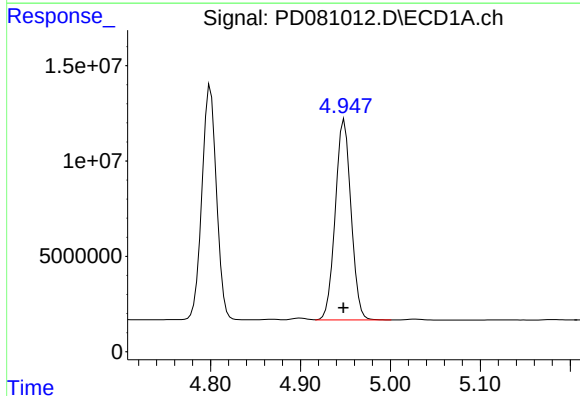
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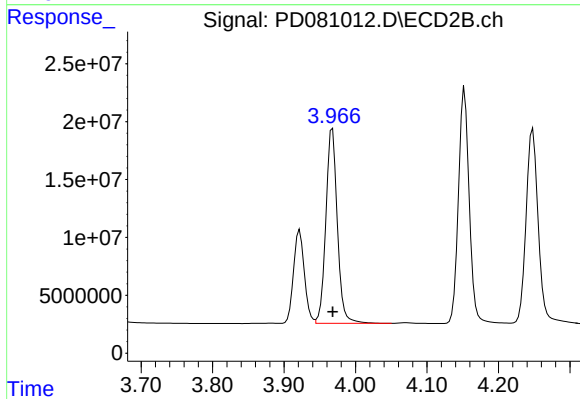
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 208981597
Conc: 55.89 ng/ml



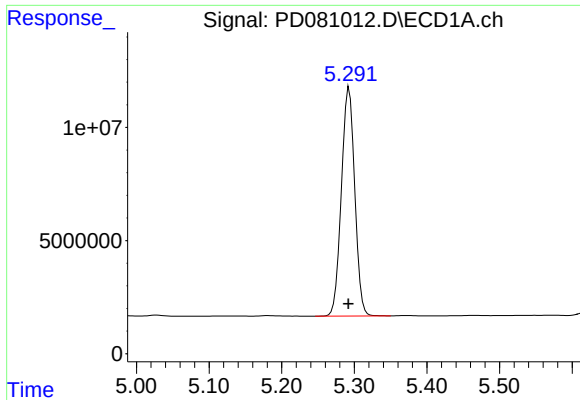
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 127953041
Conc: 51.88 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 188612857
Conc: 54.70 ng/ml



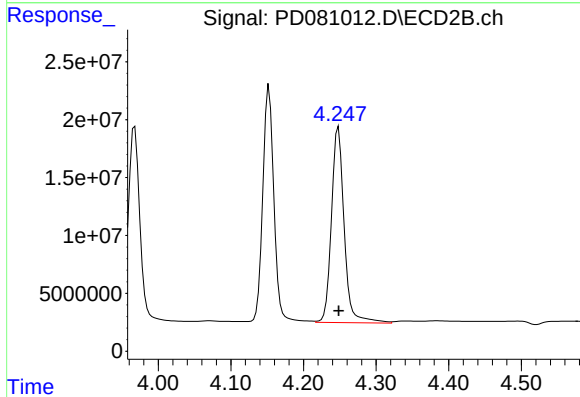
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 129015993
Conc: 52.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

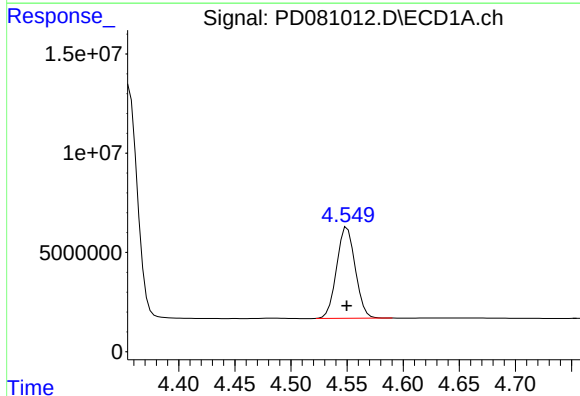
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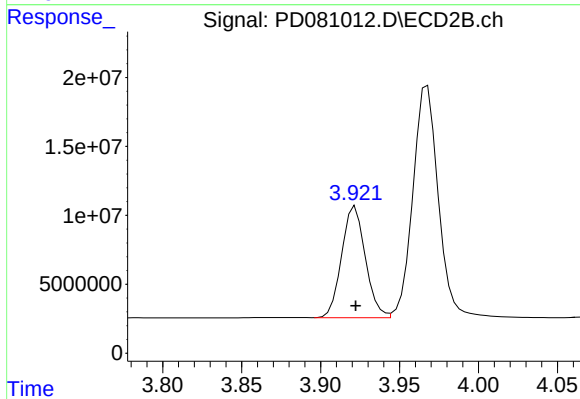
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 206136232
Conc: 56.60 ng/ml



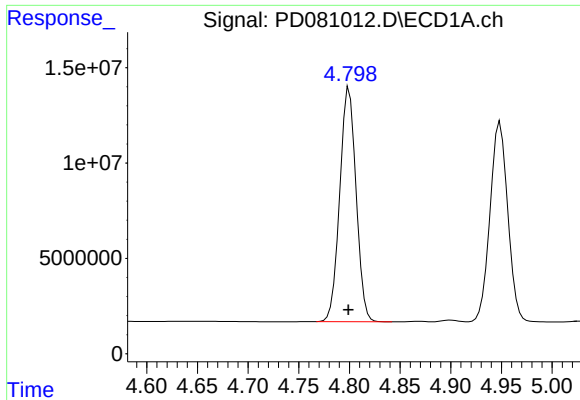
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 53205409
Conc: 52.58 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 84684701
Conc: 54.20 ng/ml



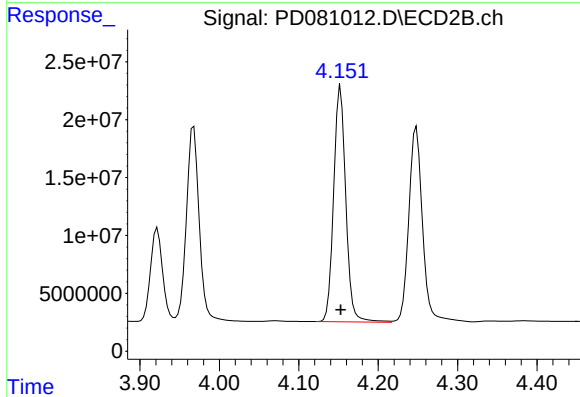
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 137557510
Conc: 54.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

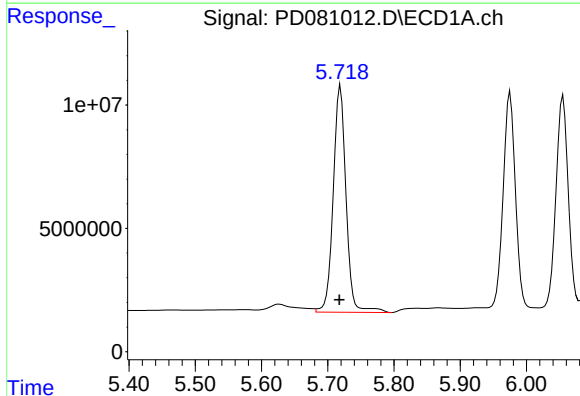
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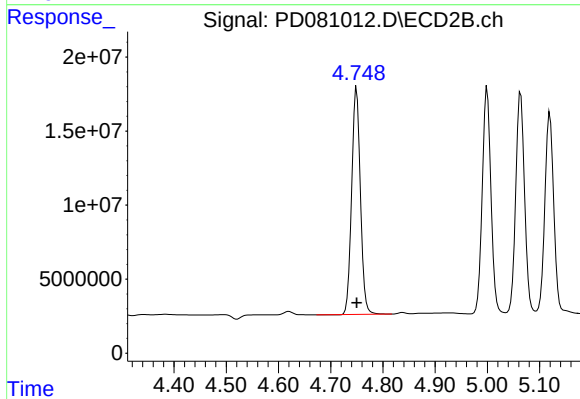
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 215973061
Conc: 57.55 ng/ml



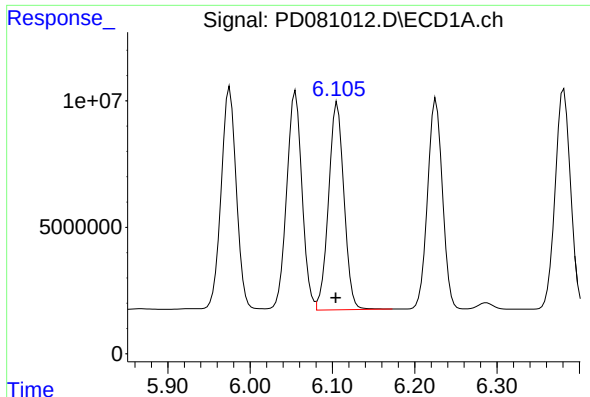
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 123685153
Conc: 55.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 178589873
Conc: 53.32 ng/ml



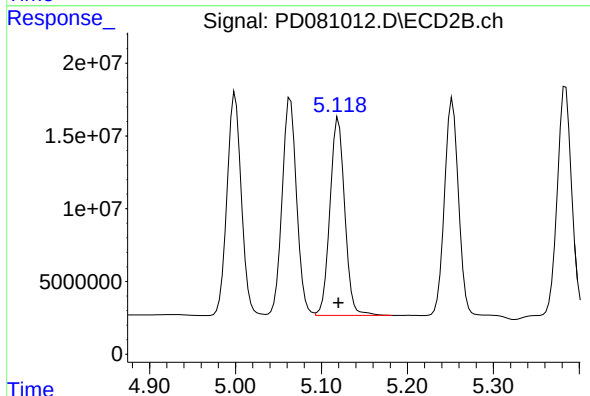
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 106835551
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

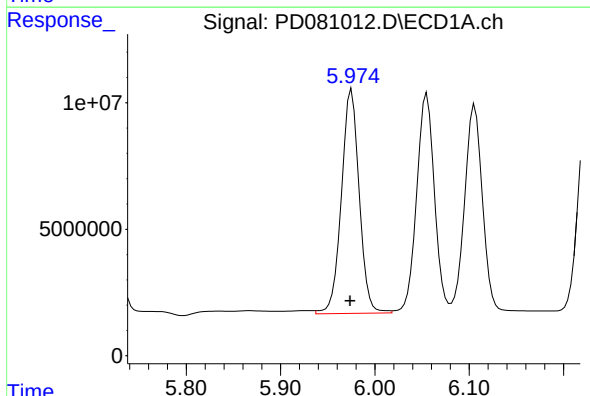
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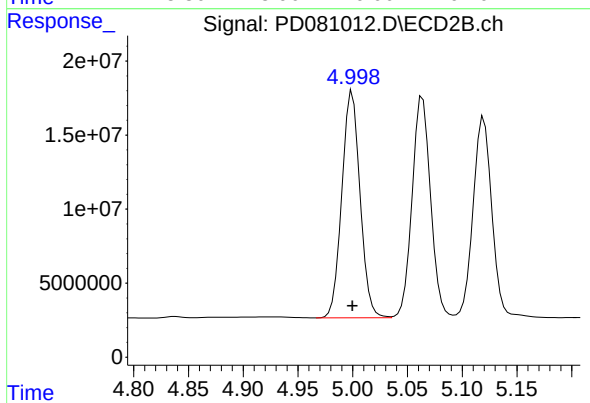
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 162067104
Conc: 52.92 ng/ml



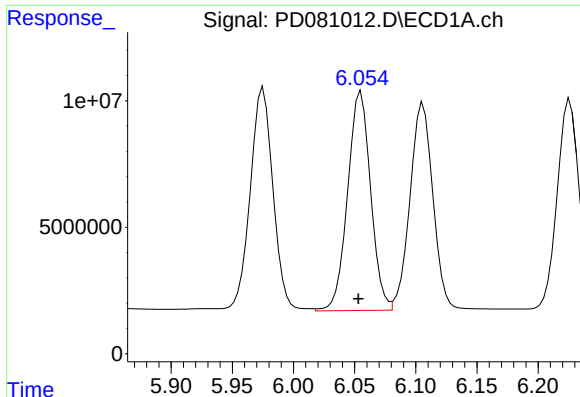
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 116300163
Conc: 53.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 177422576
Conc: 54.24 ng/ml



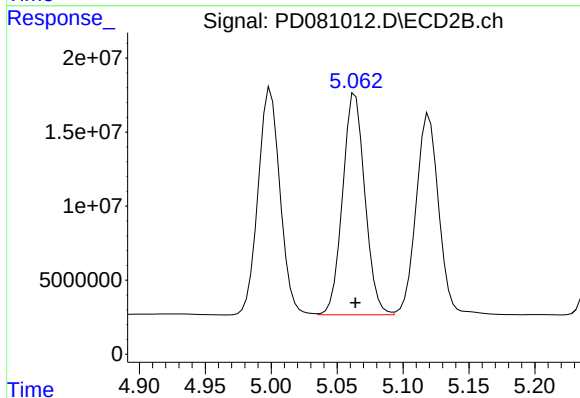
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 113163006
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

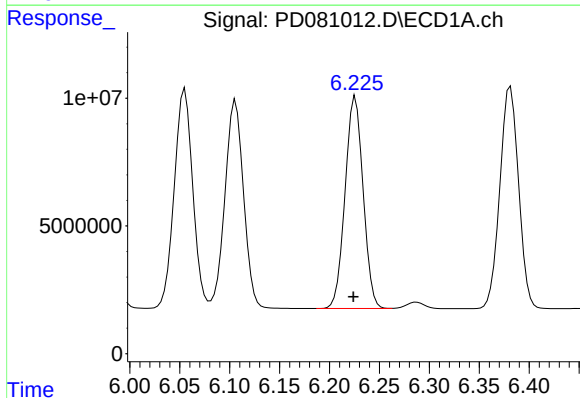
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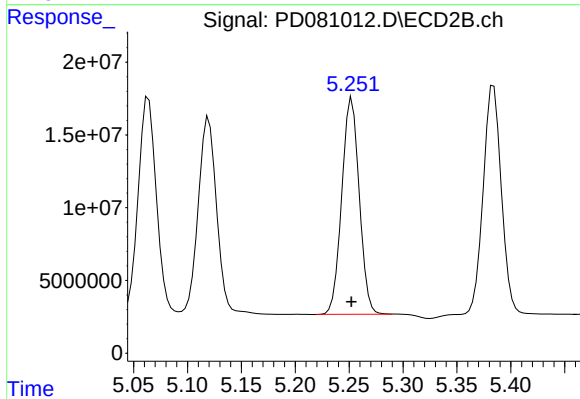
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 175641730
Conc: 53.72 ng/ml



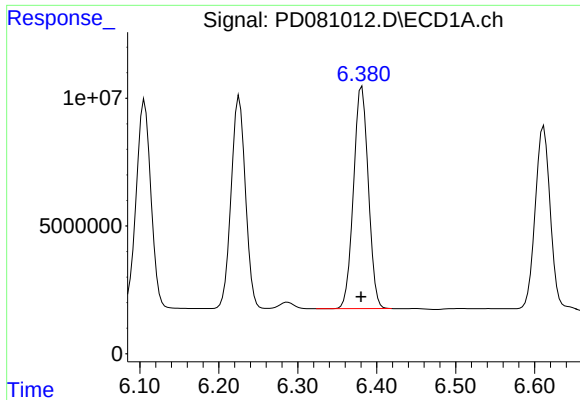
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 104367620
Conc: 51.29 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 167821900
Conc: 54.79 ng/ml m



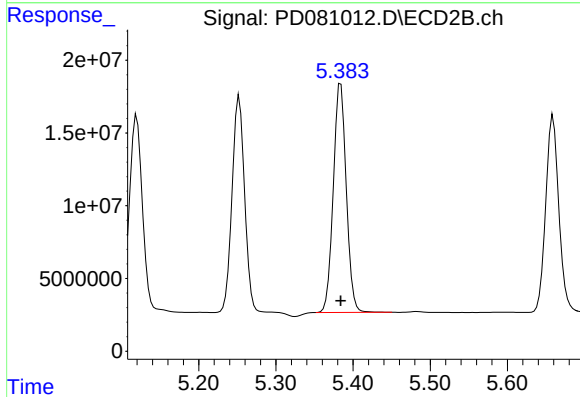
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 113446525
Conc: 51.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

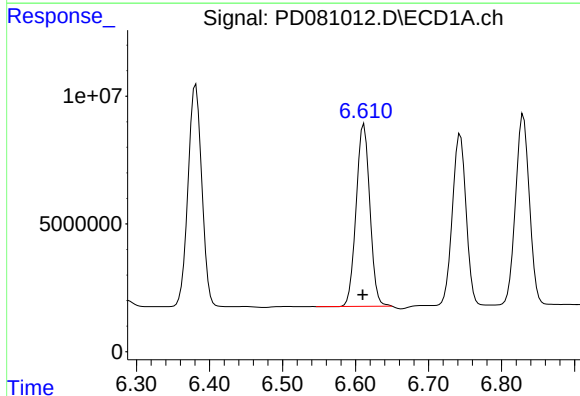
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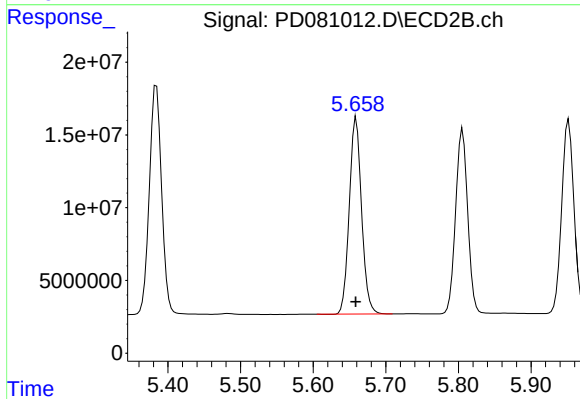
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 184767008
Conc: 54.33 ng/ml



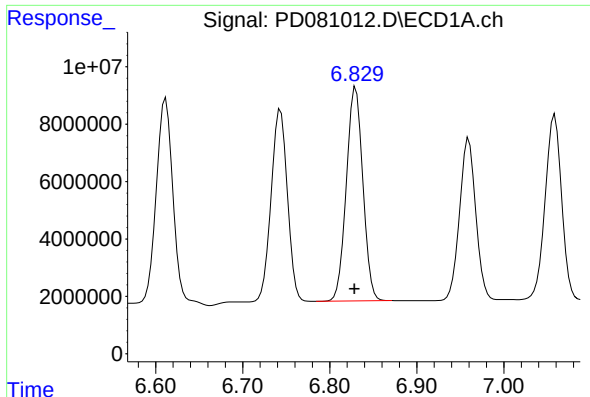
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 93207885
Conc: 49.90 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 159472616
Conc: 53.81 ng/ml



#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 98257640
Conc: 50.74 ng/ml

Instrument :

ECD_D

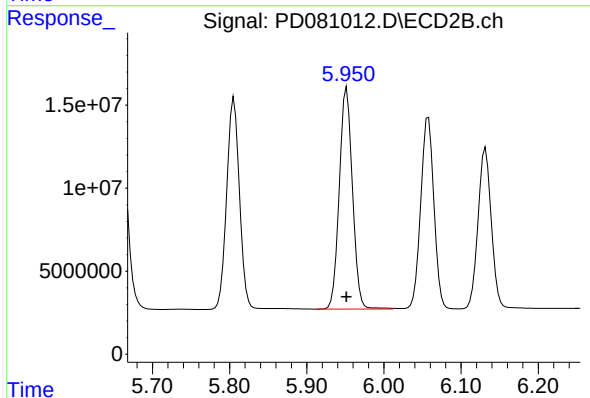
ClientSampleId :

PSTDCCC050

Manual Integrations

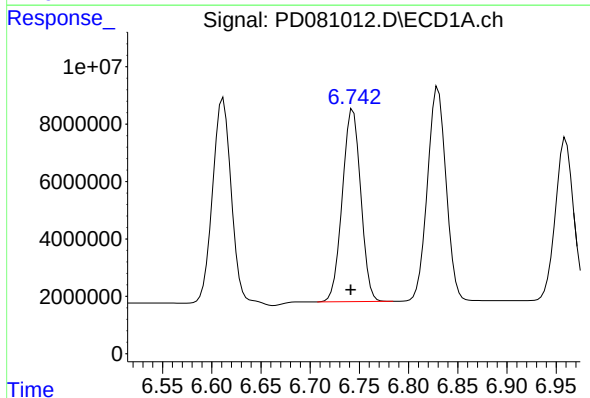
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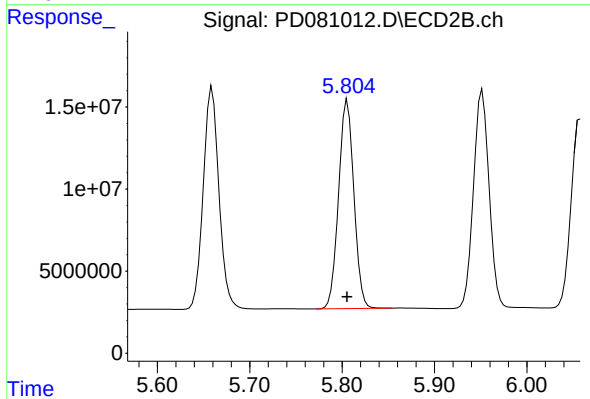
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 157849714
Conc: 54.89 ng/ml



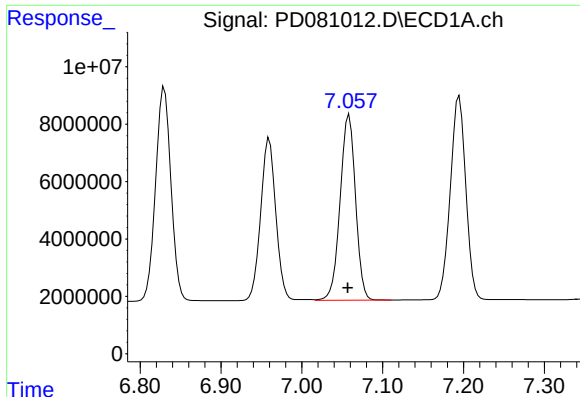
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 87344798
Conc: 53.16 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 146464490
Conc: 55.79 ng/ml



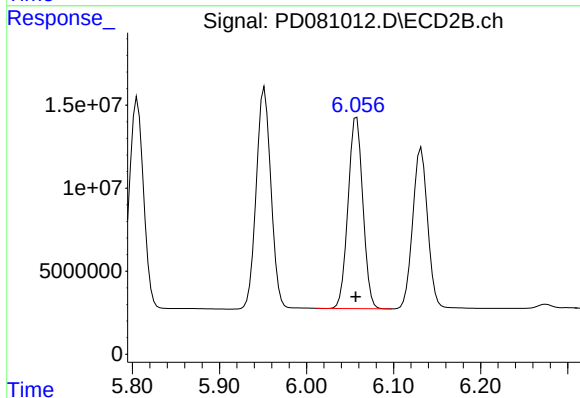
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 85501612
Conc: 48.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

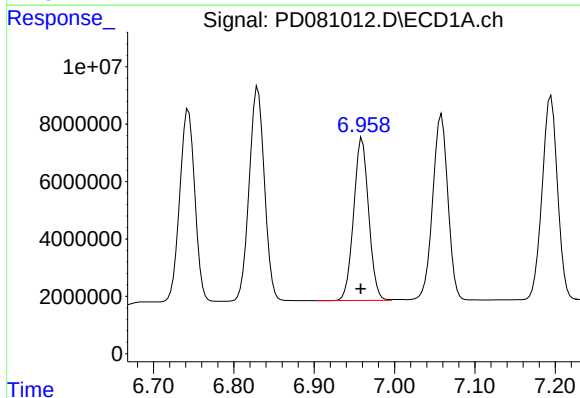
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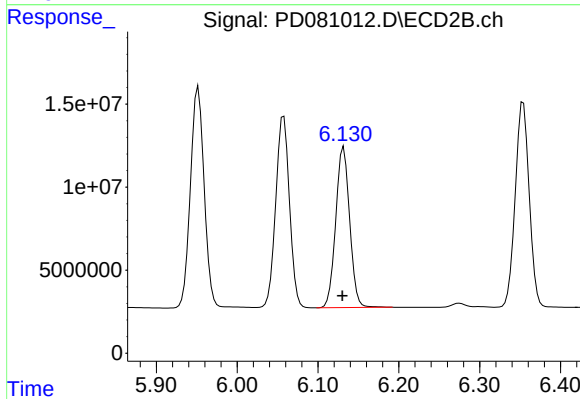
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 136189403
Conc: 51.33 ng/ml



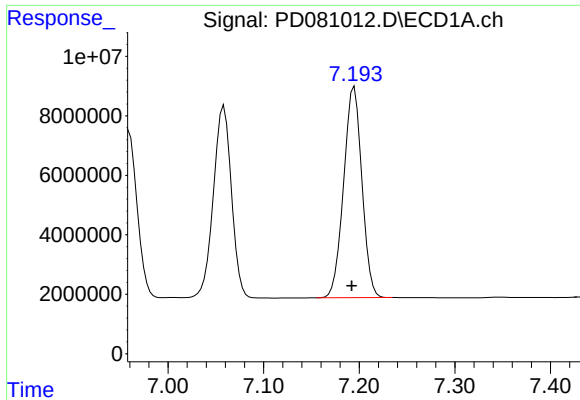
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 73505305
Conc: 48.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 115683015
Conc: 51.31 ng/ml



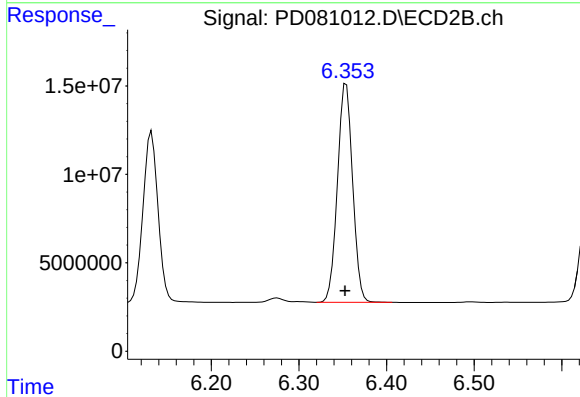
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 94481700
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

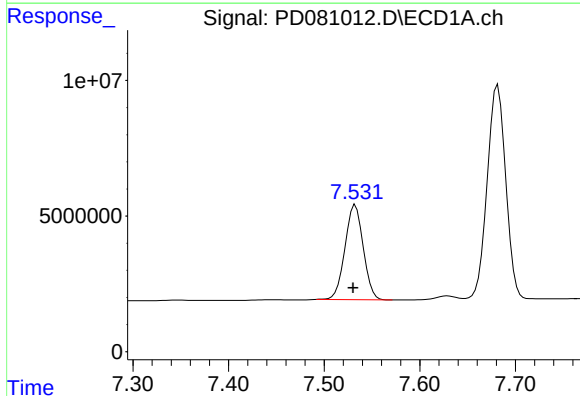
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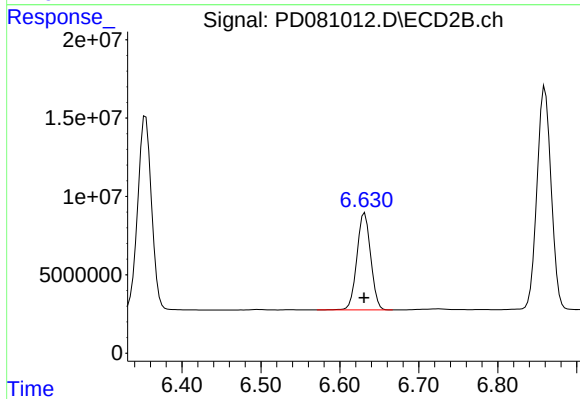
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 148978785
Conc: 53.41 ng/ml



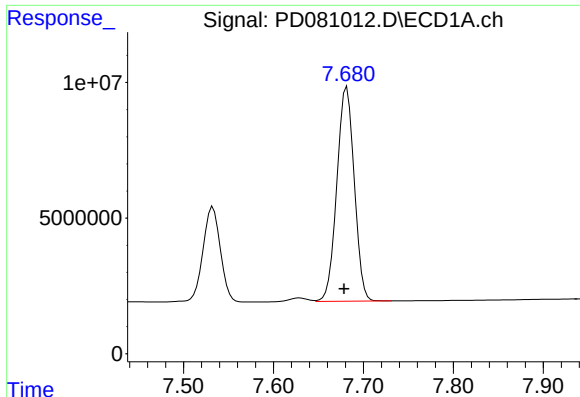
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.003 min
Response: 46589782
Conc: 45.26 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 74853513
Conc: 47.82 ng/ml



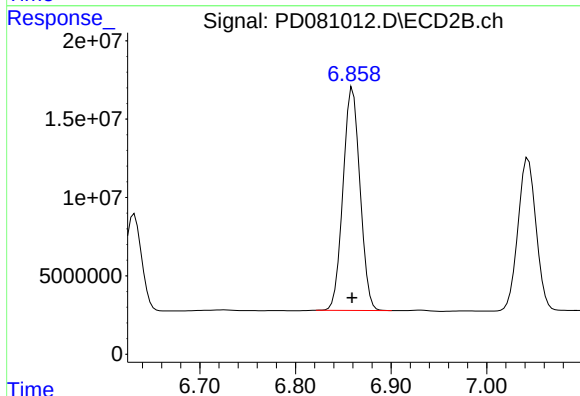
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 106400971
Conc: 50.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

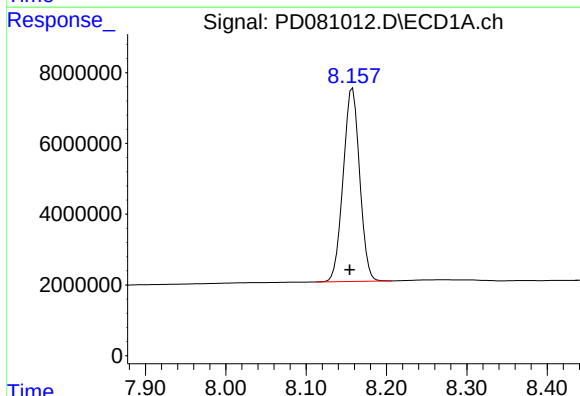
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Reviewed By :Abdul Mirza 02/02/2024
Supervised By :Ankita Jodhani 02/02/2024



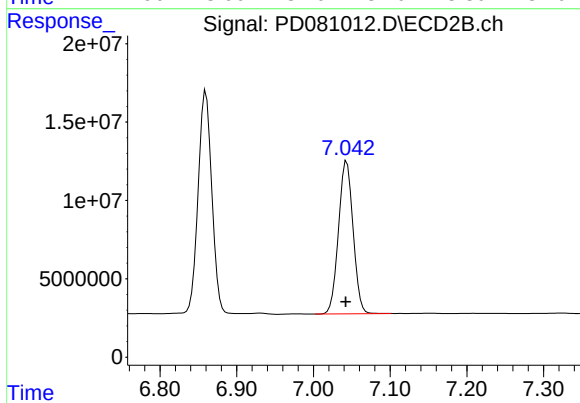
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 176172460
Conc: 54.59 ng/ml



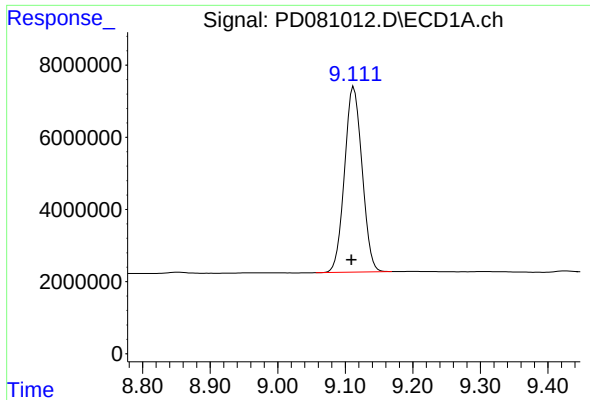
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 77764979
Conc: 47.15 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 128952668
Conc: 51.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 92496538
Conc: 45.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

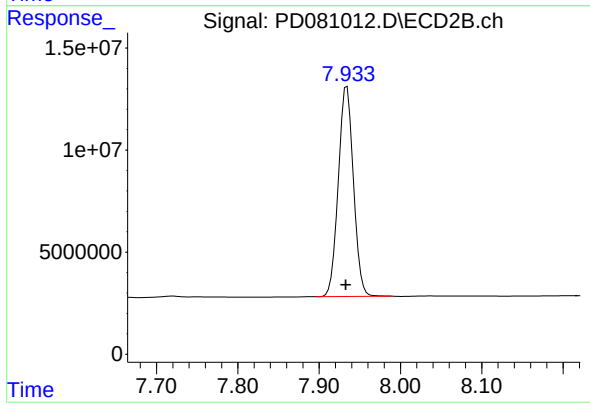
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/02/2024

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 132845327
Conc: 49.87 ng/ml