

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 14:15
 Operator : AR\AJ
 Sample : PB158786BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158786BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2024
 Supervised By : Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 21:09:04 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	2.794	31445835	50328335	22.152	21.039m
28)	SA Decachlor...	9.115	7.934	37977295	50799256	18.871	19.072
Target Compounds							
2)	A alpha-BHC	4.023	3.297	119.8E6	182.7E6	48.248	47.614
3)	MA gamma-BHC...	4.357	3.626	114.6E6	173.8E6	46.824	46.480
4)	MA Heptachlor	4.950	3.967	120.1E6	170.1E6	48.693	49.321
5)	MB Aldrin	5.294	4.248	114.8E6	169.1E6	46.780	46.419
6)	B beta-BHC	4.551	3.922	48935386	72214827	48.362	46.215
7)	B delta-BHC	4.801	4.152	112.6E6	171.7E6	44.877	45.738
8)	B Heptachlo...	5.720	4.750	105.4E6	153.1E6	47.053	45.698
9)	A Endosulfan I	6.107	5.120	101.2E6	141.2E6	48.808	46.117
10)	B gamma-Chl...	5.976	5.000	107.0E6	154.3E6	48.863	47.179
11)	B alpha-Chl...	6.056	5.064	105.5E6	151.9E6	48.469	46.468
12)	B 4,4'-DDE	6.227	5.252	98268033	146.9E6	48.292	47.960
13)	MA Dieldrin	6.382	5.384	106.9E6	158.3E6	48.378	46.559
14)	MA Endrin	6.613	5.659	90749460	145.3E6	48.587	49.026
15)	B Endosulfa...	6.830	5.952	90635084	134.3E6	46.805	46.686
16)	A 4,4'-DDD	6.744	5.806	81105823	123.6E6	49.361	47.075
17)	MA 4,4'-DDT	7.059	6.057	87607903	124.6E6	49.193	46.969
18)	B Endrin al...	6.961	6.131	70443947	102.9E6	46.310	45.631
19)	B Endosulfa...	7.195	6.353	89756161	131.1E6	47.271	47.005
20)	A Methoxychlor	7.534	6.631	47413261	69422101	46.065	44.352
21)	B Endrin ke...	7.683	6.860	99884881	147.0E6	47.764	45.544
22)	Mirex	8.158	7.043	74300239	110.0E6	45.047	43.644

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 14:15
Operator : AR\AJ
Sample : PB158786BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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Manual Integrations

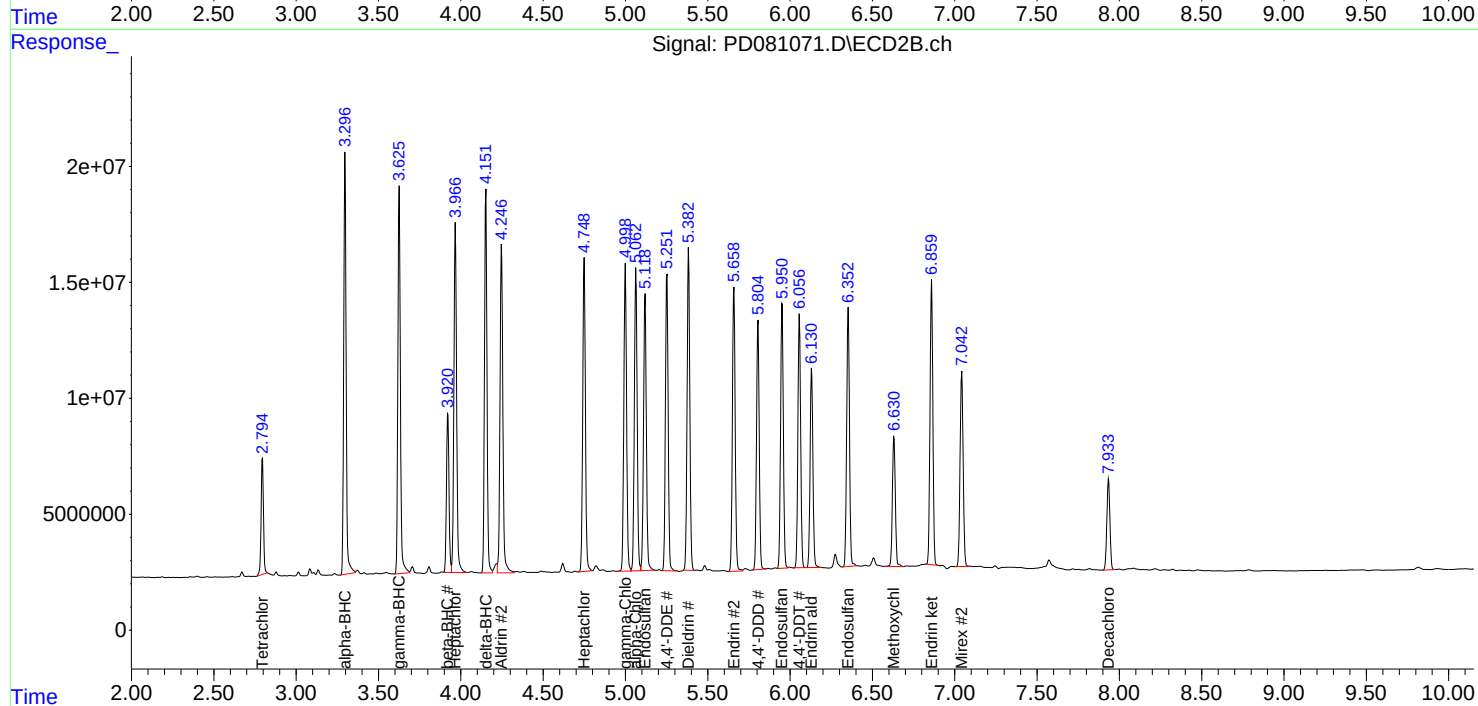
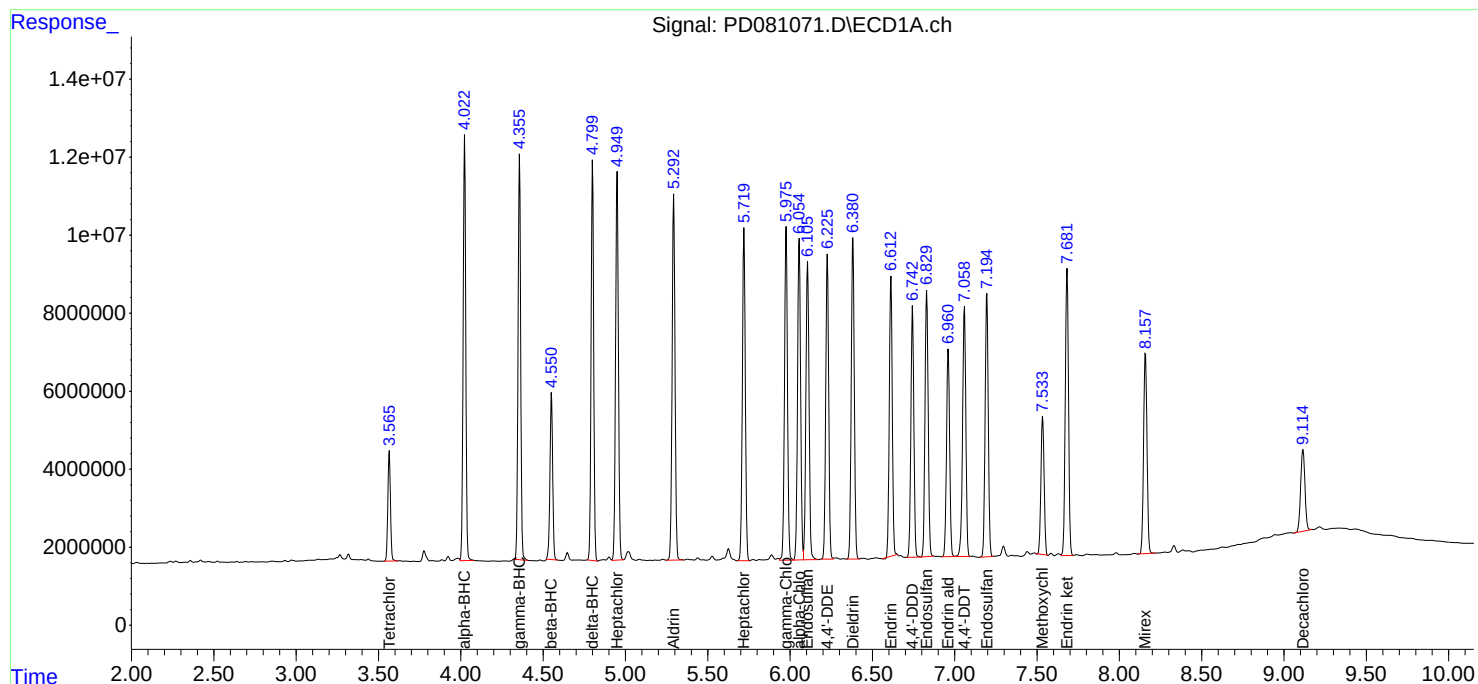
APPROVED

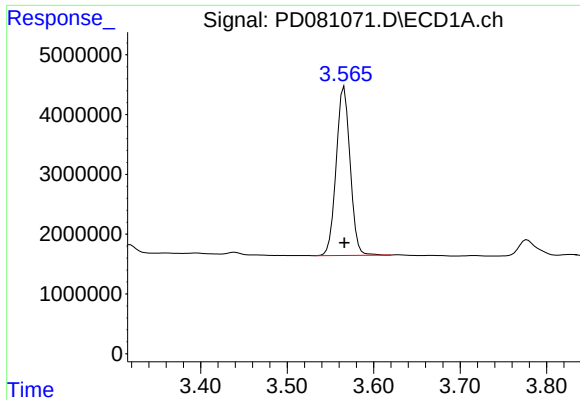
Reviewed By :Abdul Mirza 02/06/2024

Supervised By :Ankita Jodhani 02/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 21:09:04 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





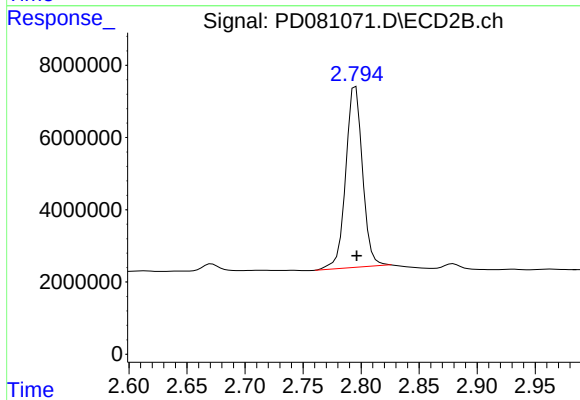
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 31445835
Conc: 22.15 ng/ml

Instrument :
ECD_D
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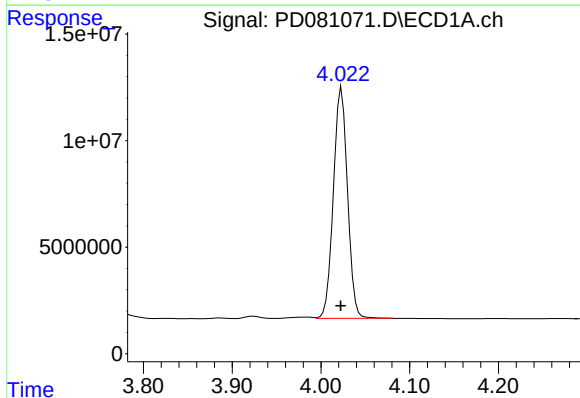
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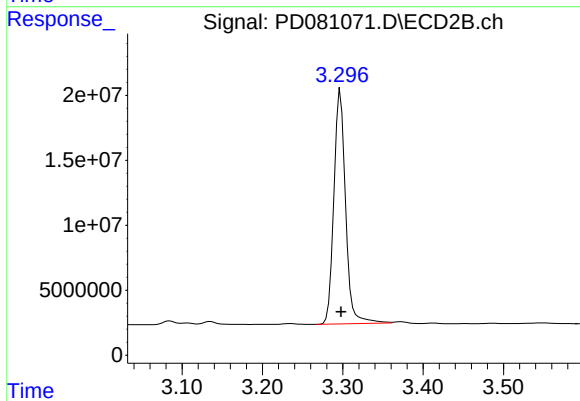
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 50328335
Conc: 21.04 ng/ml m



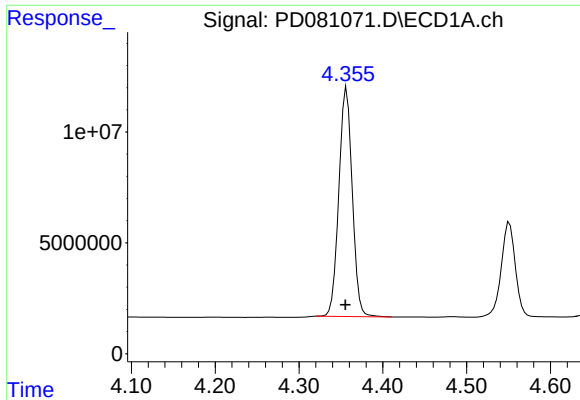
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 119840604
Conc: 48.25 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 182699574
Conc: 47.61 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 114607553
Conc: 46.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

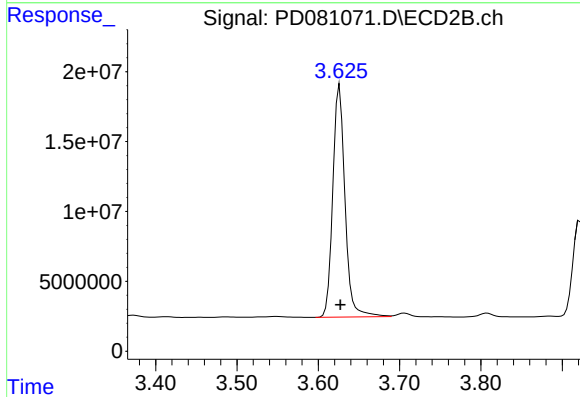
PB158786BS

Manual Integrations

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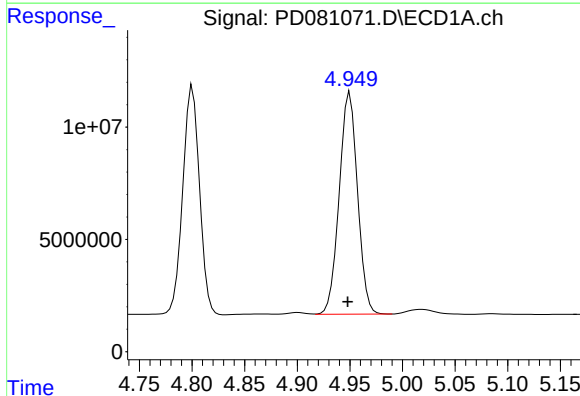
Reviewed By :Abdul Mirza 02/06/2024

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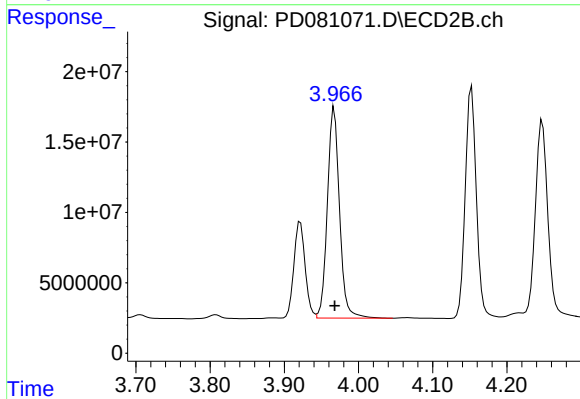
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 173784378
Conc: 46.48 ng/ml



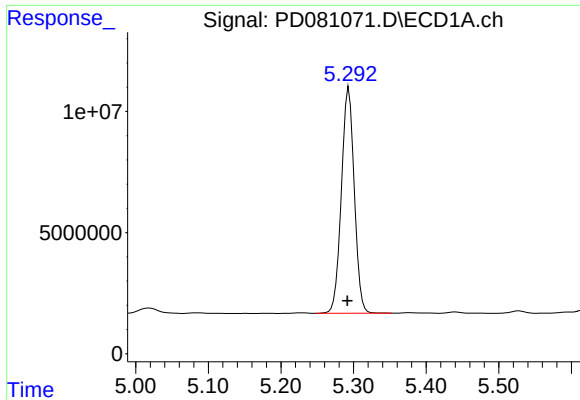
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 120094742
Conc: 48.69 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 170063352
Conc: 49.32 ng/ml



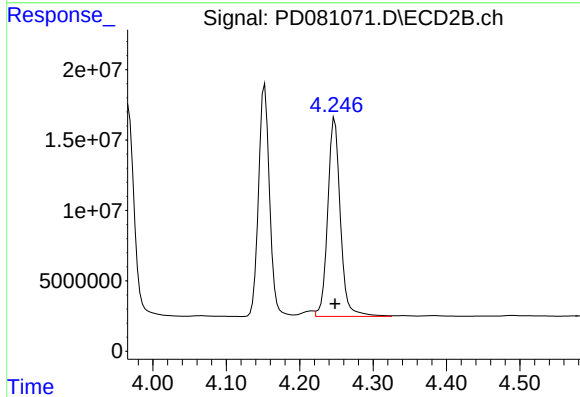
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.002 min
Response: 114826987
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

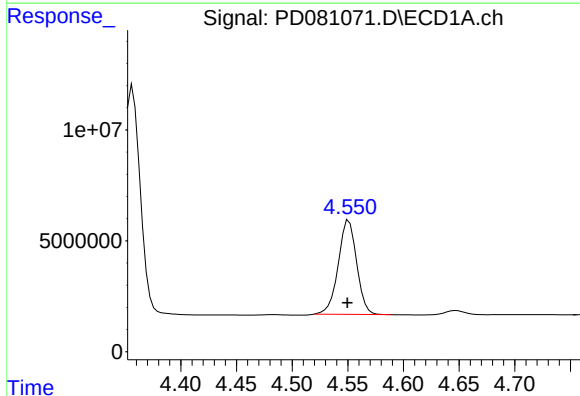
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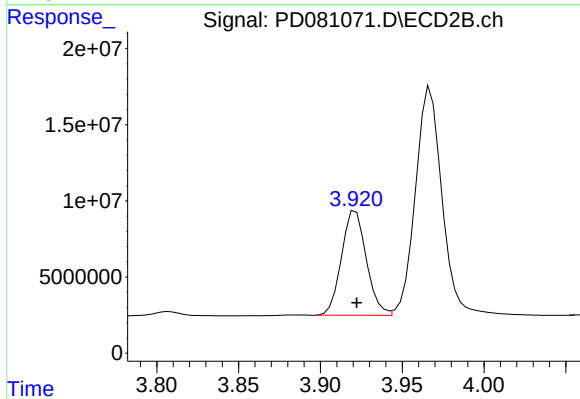
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 169059841
Conc: 46.42 ng/ml



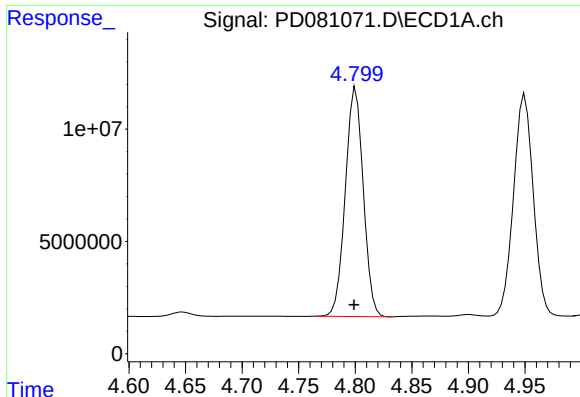
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 48935386
Conc: 48.36 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 72214827
Conc: 46.21 ng/ml



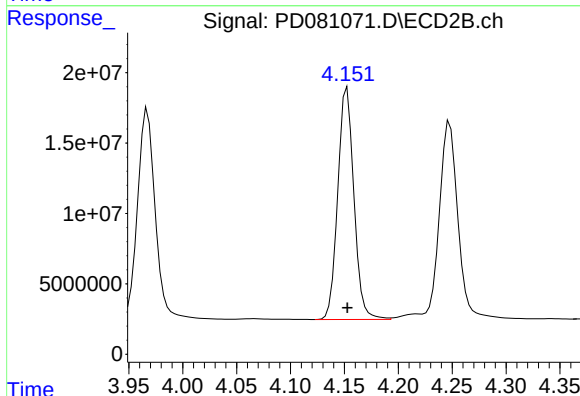
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.002 min
Response: 112587797
Conc: 44.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

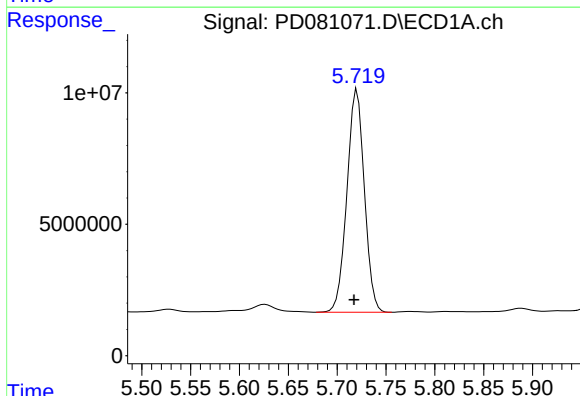
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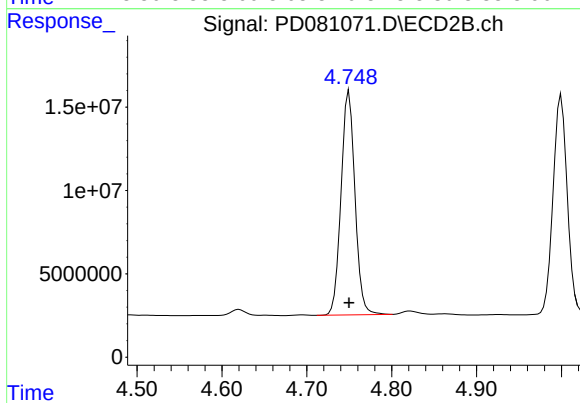
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 171653405
Conc: 45.74 ng/ml



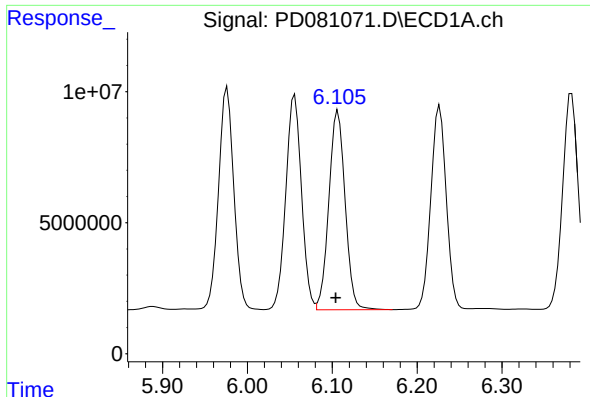
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.003 min
Response: 105361717
Conc: 47.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 153065464
Conc: 45.70 ng/ml



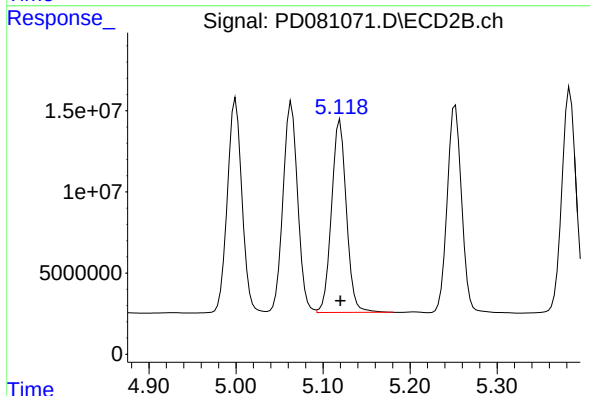
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 101231377
Conc: 48.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

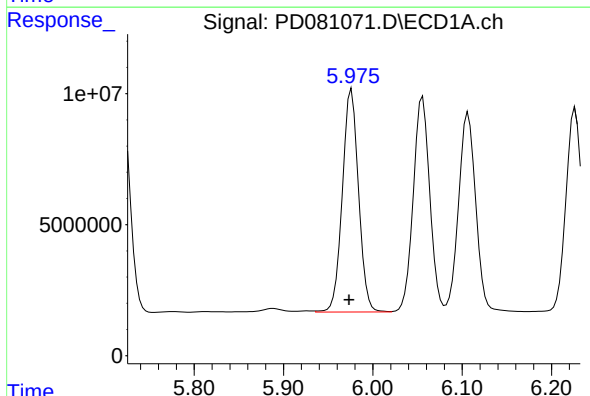
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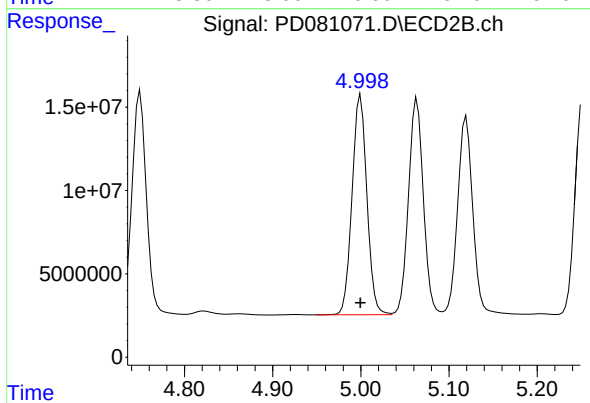
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 141244529
Conc: 46.12 ng/ml



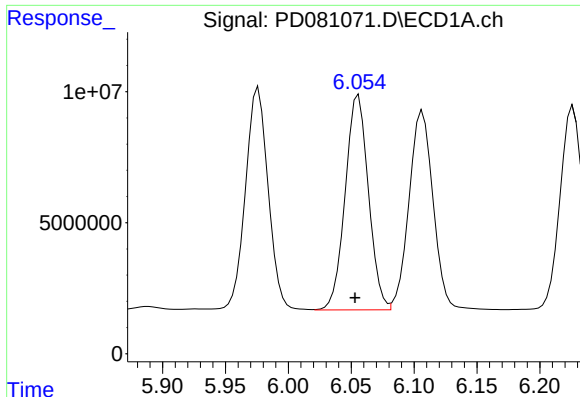
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 106966160
Conc: 48.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 154322342
Conc: 47.18 ng/ml



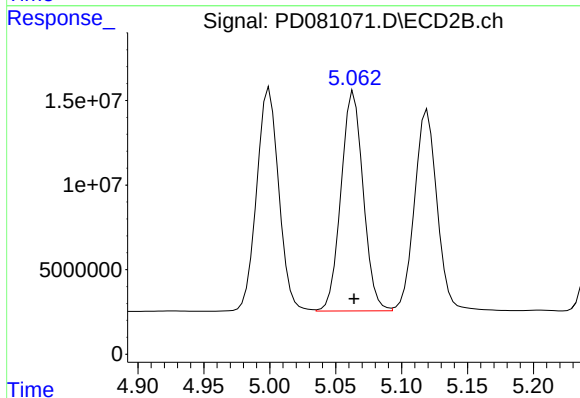
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.003 min
Response: 105536491
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

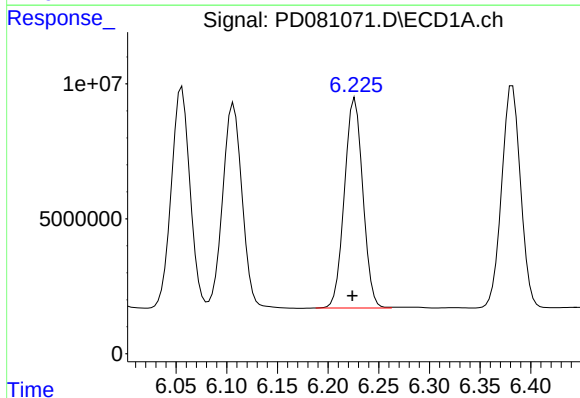
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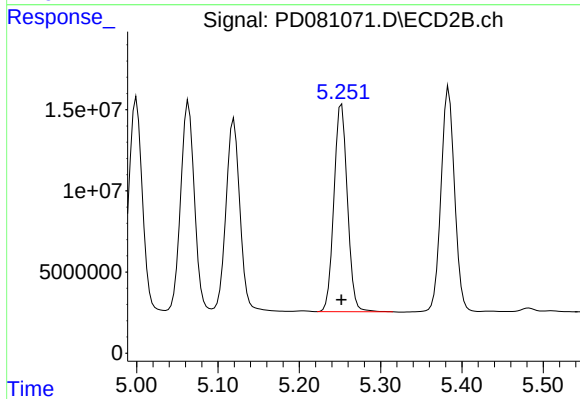
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 151929367
Conc: 46.47 ng/ml



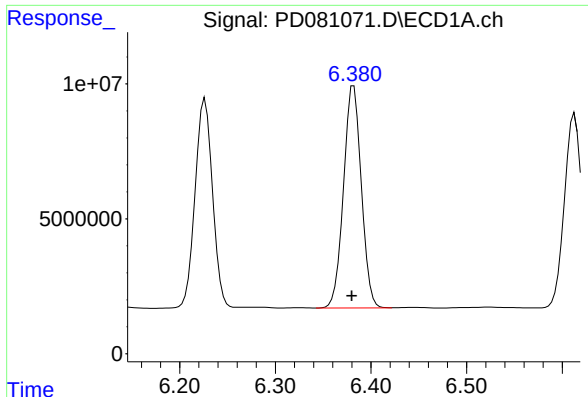
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 98268033
Conc: 48.29 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 146912158
Conc: 47.96 ng/ml



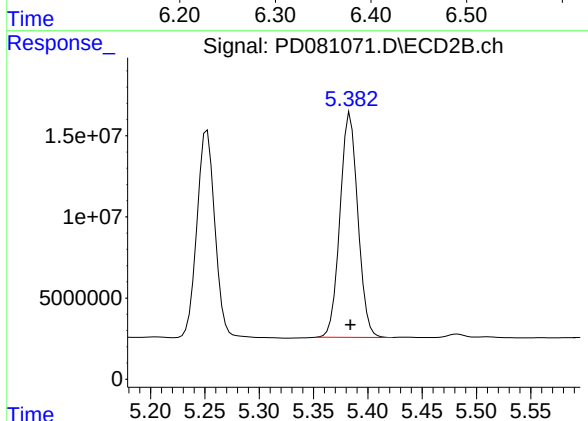
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 106901101
Conc: 48.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

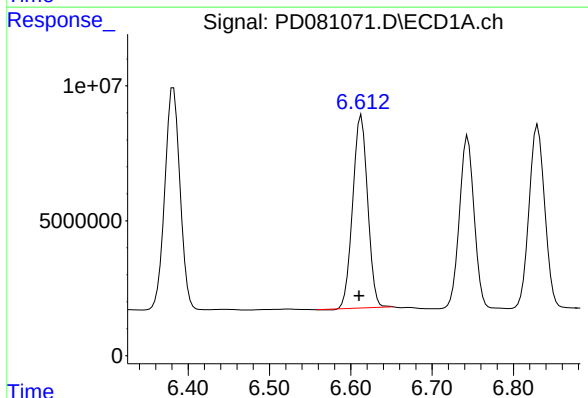
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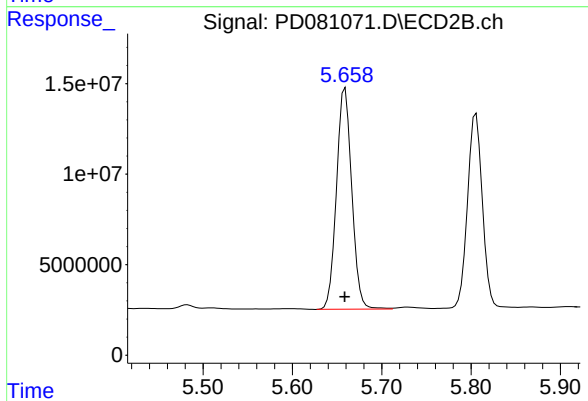
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 158336451
Conc: 46.56 ng/ml



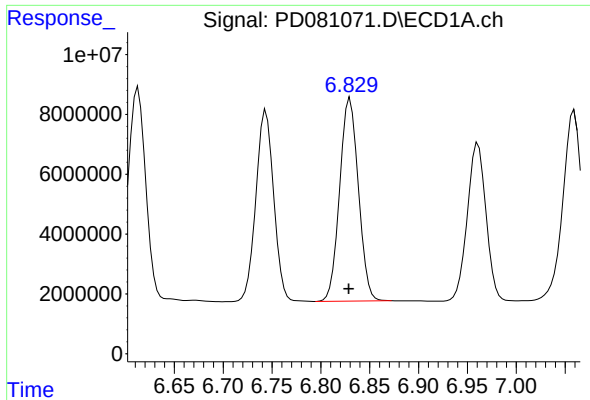
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 90749460
Conc: 48.59 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 145283655
Conc: 49.03 ng/ml



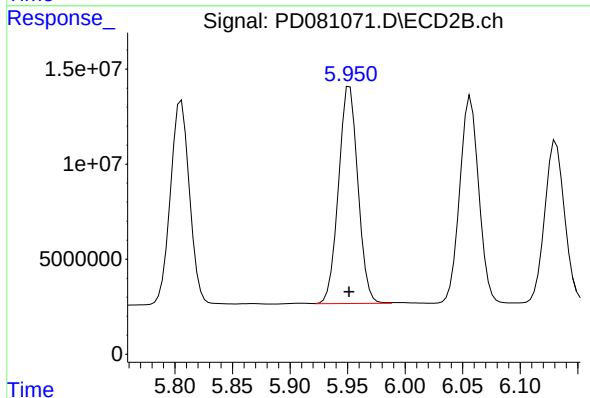
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 90635084
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

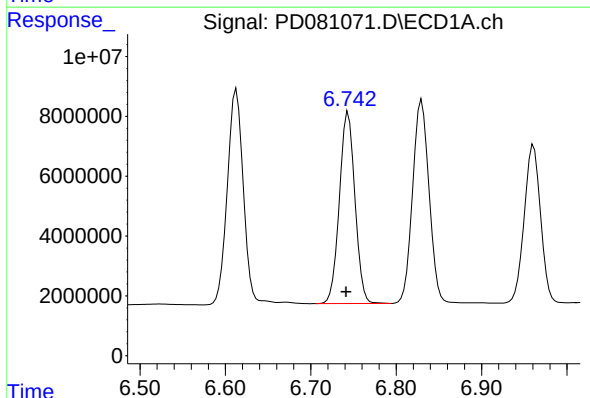
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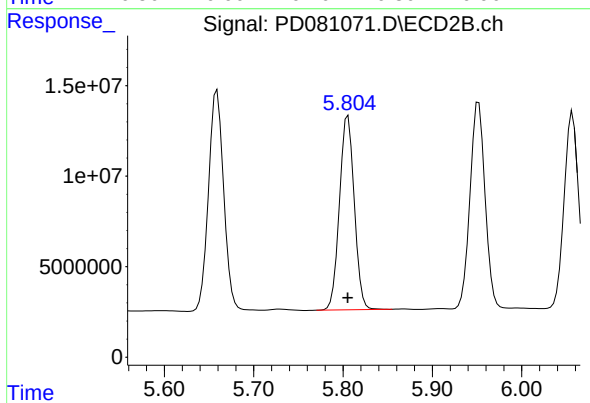
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 134263998
Conc: 46.69 ng/ml



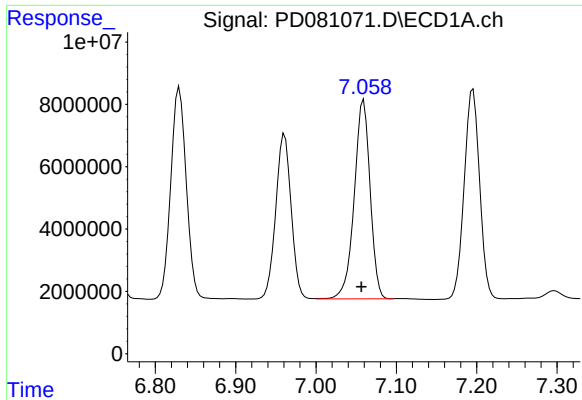
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 81105823
Conc: 49.36 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 123585341
Conc: 47.08 ng/ml



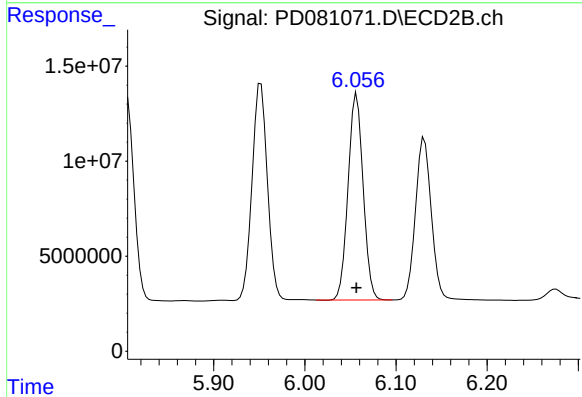
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 87607903
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

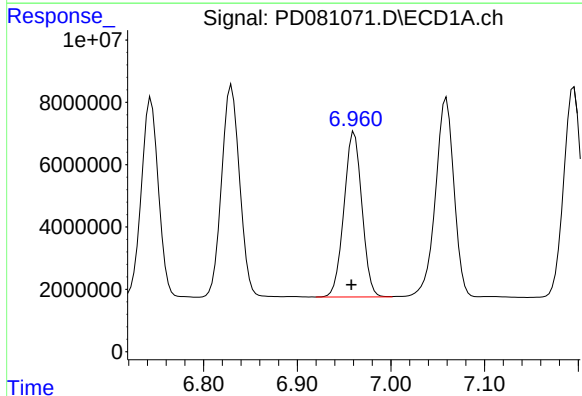
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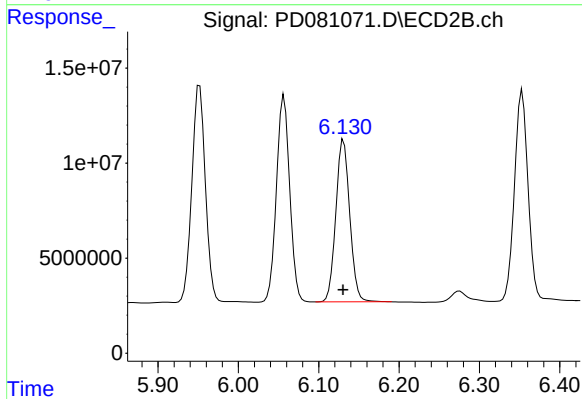
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 124612200
Conc: 46.97 ng/ml



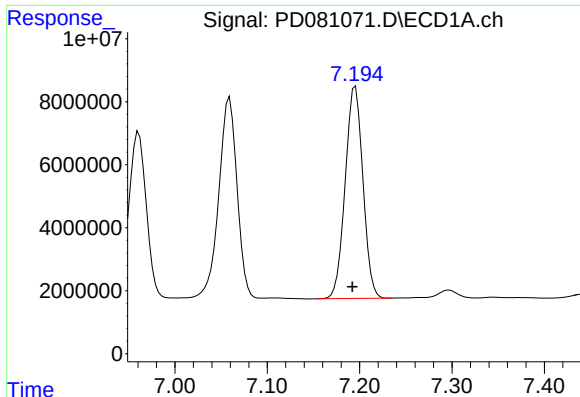
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 70443947
Conc: 46.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 102882782
Conc: 45.63 ng/ml



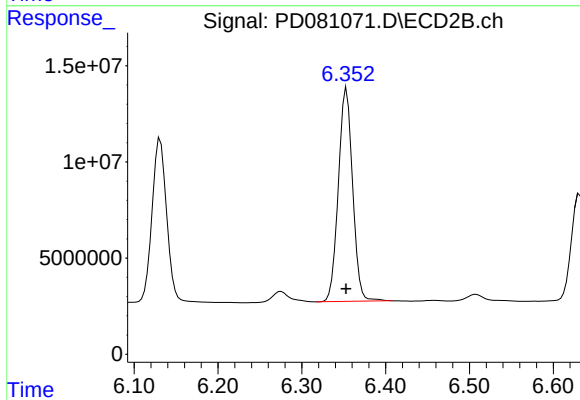
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 89756161
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

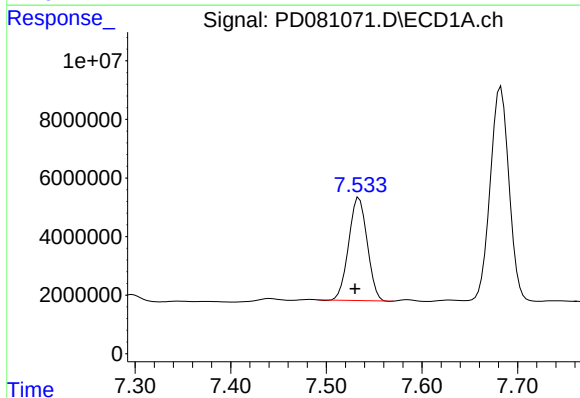
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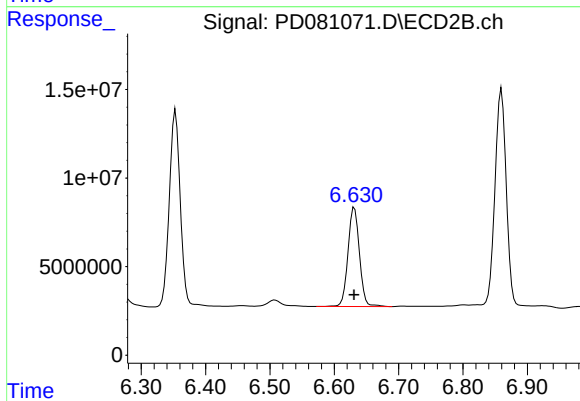
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 131114153
Conc: 47.00 ng/ml



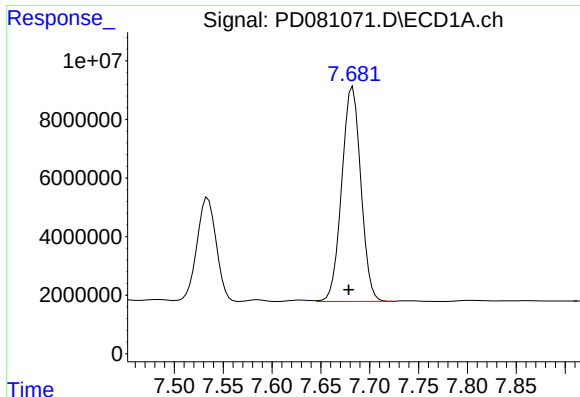
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 47413261
Conc: 46.06 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 69422101
Conc: 44.35 ng/ml



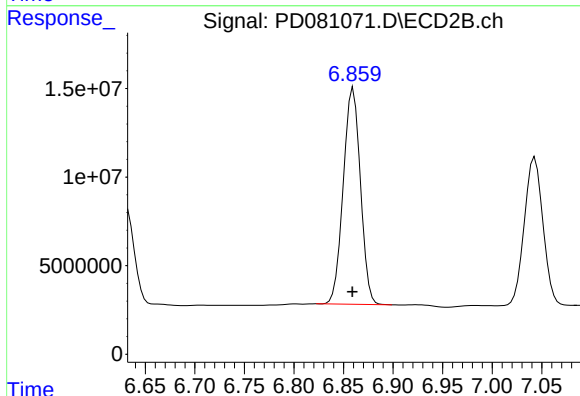
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.004 min
Response: 99884881
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158786BS

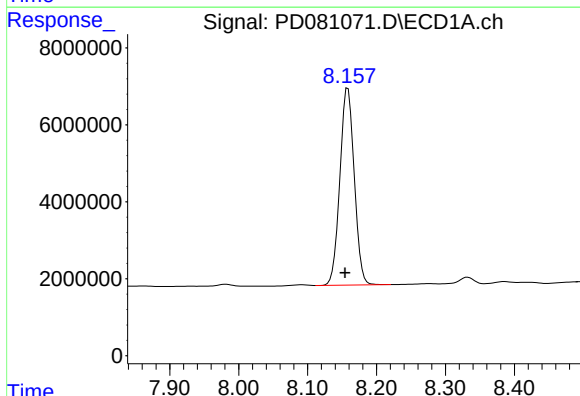
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Reviewed By :Abdul Mirza 02/06/2024
Supervised By :Ankita Jodhani 02/06/2024



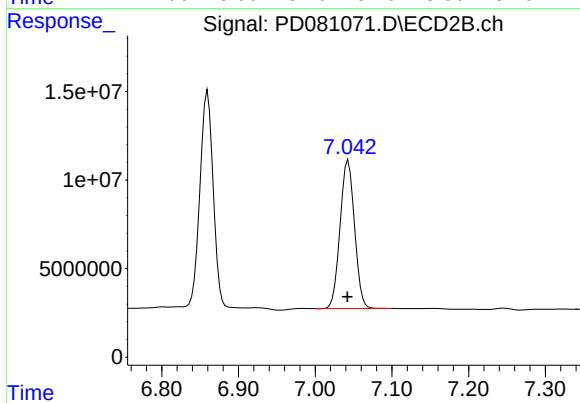
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 146972385
Conc: 45.54 ng/ml



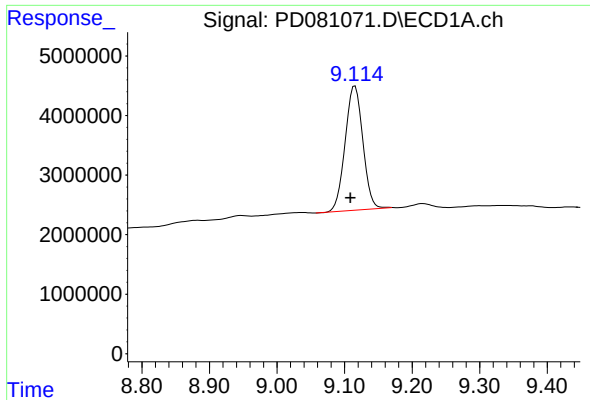
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.004 min
Response: 74300239
Conc: 45.05 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 109981419
Conc: 43.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.006 min
Response: 37977295
Conc: 18.87 ng/ml

Instrument :

ECD_D

ClientSampleId :

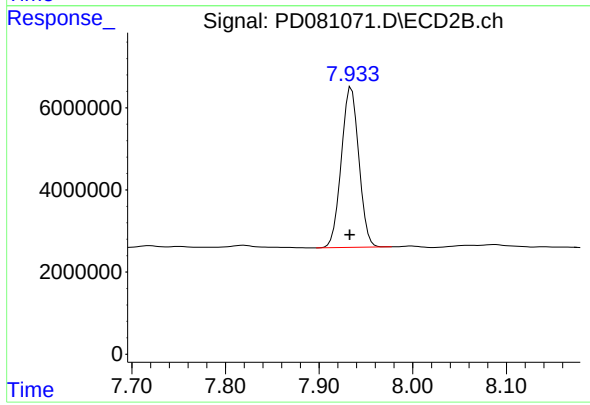
PB158786BS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 50799256
Conc: 19.07 ng/ml