

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020624\
 Data File : PD081124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2024 15:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2024
 Supervised By :Ankita Jodhani 02/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:03:07 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	2.795	72700451	129.7E6	51.213	54.215
28)	SA Decachlor...	9.112	7.933	91327309	123.9E6	45.381	46.532
Target Compounds							
2)	A alpha-BHC	4.023	3.297	129.0E6	209.7E6	51.920	54.645
3)	MA gamma-BHC...	4.356	3.626	126.1E6	202.8E6	51.525	54.251
4)	MA Heptachlor	4.949	3.967	119.7E6	184.4E6	48.516	53.479
5)	MB Aldrin	5.293	4.248	124.1E6	198.9E6	50.543	54.601
6)	B beta-BHC	4.551	3.921	50645994	82276634	50.053	52.654
7)	B delta-BHC	4.800	4.152	125.8E6	207.9E6	50.137	55.402
8)	B Heptachlo...	5.719	4.749	117.8E6	173.2E6	52.603	51.720
9)	A Endosulfan I	6.105	5.119	105.6E6	154.8E6	50.910	50.559
10)	B gamma-Chl...	5.975	4.999	113.7E6	170.4E6	51.947	52.081
11)	B alpha-Chl...	6.055	5.063	111.1E6	168.2E6	51.033	51.441
12)	B 4,4'-DDE	6.226	5.250	103.6E6	158.7E6	50.929	51.811m
13)	MA Dieldrin	6.381	5.383	111.1E6	175.5E6	50.284	51.594
14)	MA Endrin	6.612	5.658	86125110	145.4E6	46.112	49.061
15)	B Endosulfa...	6.830	5.951	93262472	149.2E6	48.162	51.895
16)	A 4,4'-DDD	6.743	5.805	82584710	138.2E6	50.261	52.625
17)	MA 4,4'-DDT	7.058	6.056	80028301	129.6E6	44.937	48.839
18)	B Endrin al...	6.960	6.130	72245309	115.2E6	47.494	51.074
19)	B Endosulfa...	7.194	6.352	89388032	140.8E6	47.077	50.463
20)	A Methoxychlor	7.532	6.630	44999874	70892758	43.720	45.291
21)	B Endrin ke...	7.681	6.858	102.7E6	169.3E6	49.093	52.453
22)	Mirex	8.157	7.041	75903090	119.9E6	46.019	47.592

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020624\
Data File : PD081124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2024 15:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

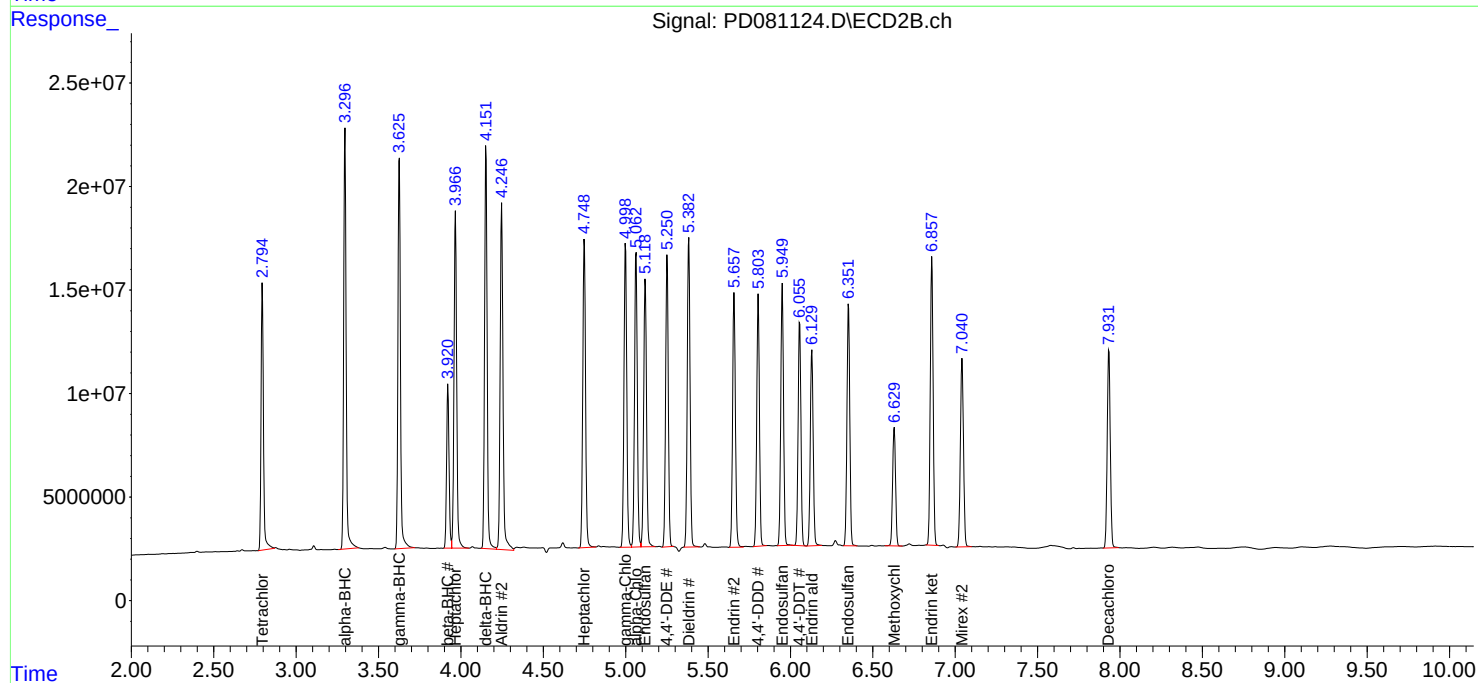
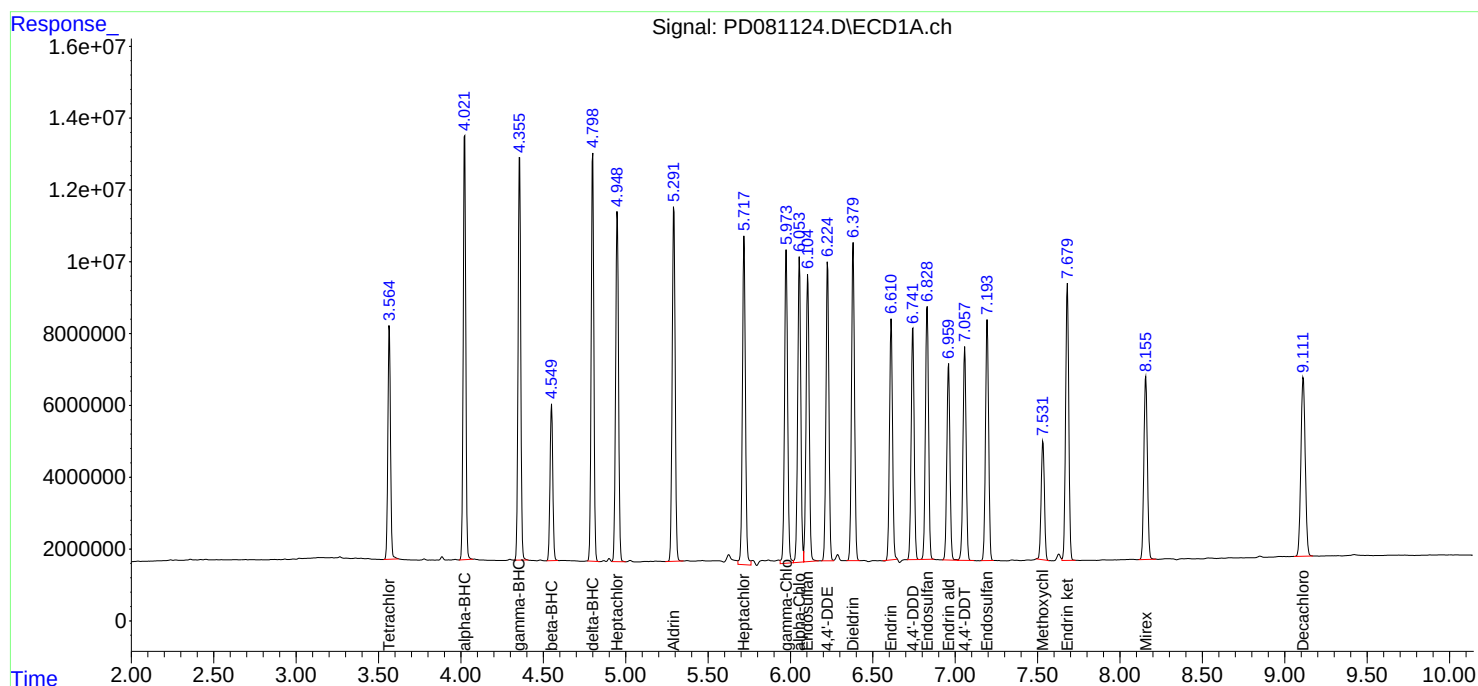
APPROVED

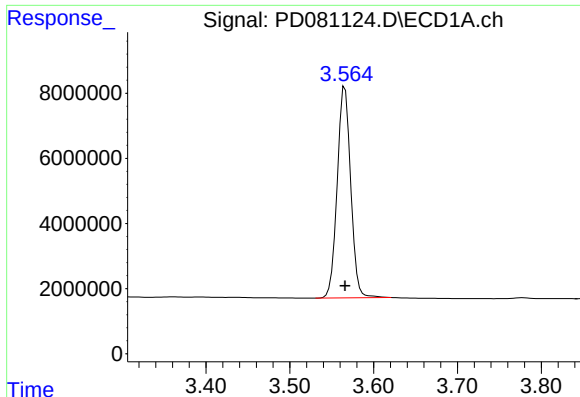
Reviewed By :Abdul Mirza 02/07/2024

Supervised By :Ankita Jodhani 02/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:03:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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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





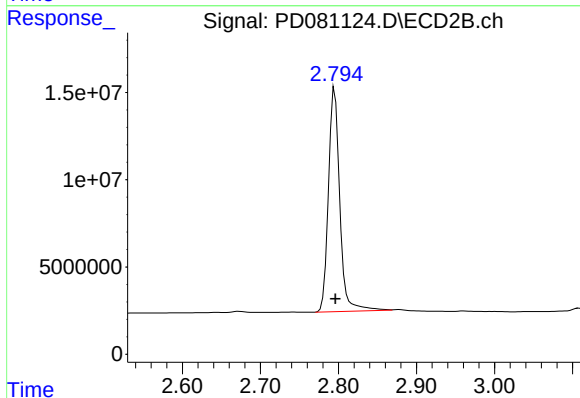
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 72700451
Conc: 51.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

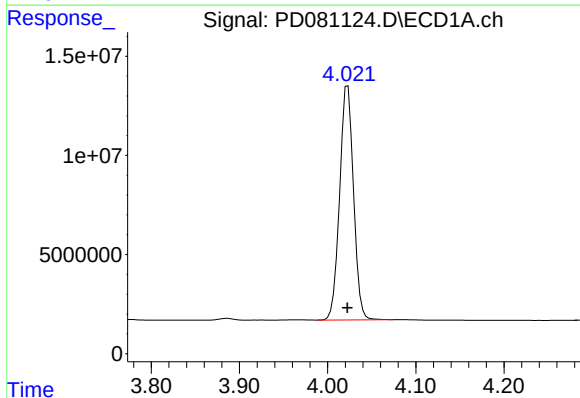
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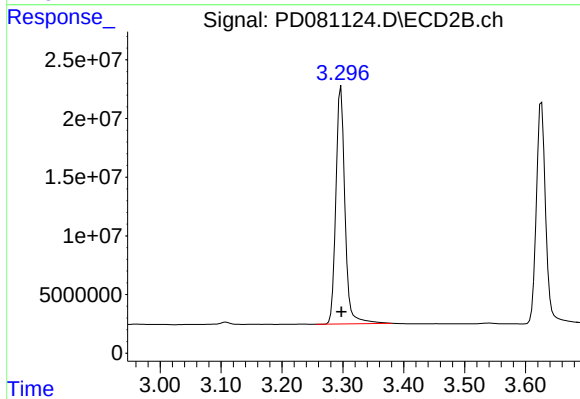
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 129690812
Conc: 54.22 ng/ml



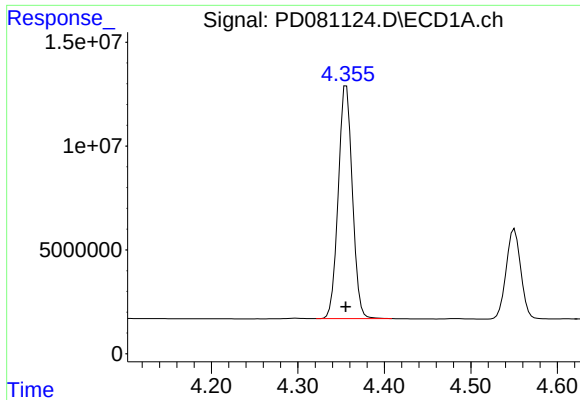
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 128960717
Conc: 51.92 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.001 min
Response: 209677661
Conc: 54.65 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 126114000
Conc: 51.53 ng/ml

Instrument :

ECD_D

ClientSampleId :

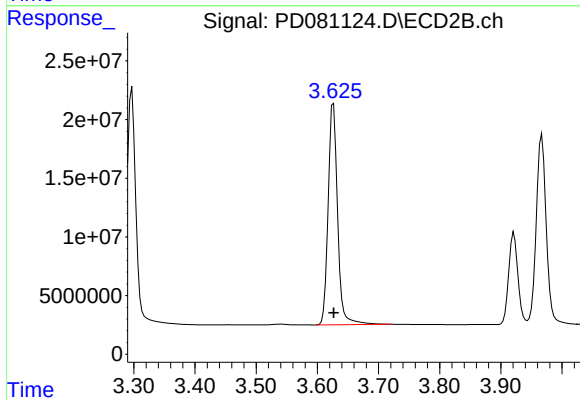
PSTDCCC050

Manual Integrations

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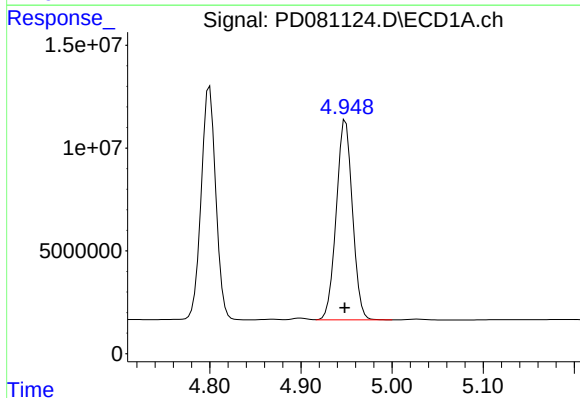
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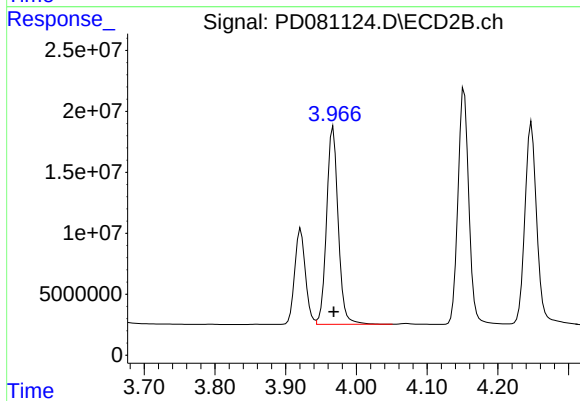
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 202841336
Conc: 54.25 ng/ml



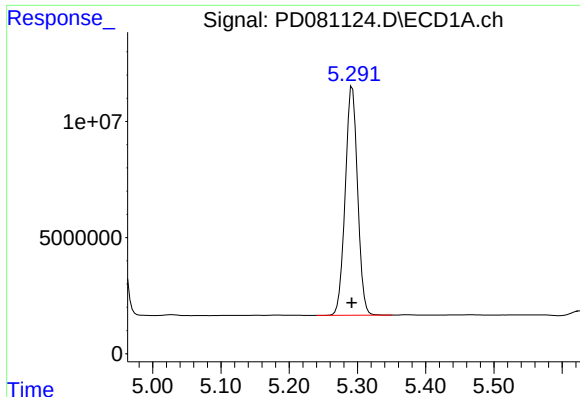
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 119658095
Conc: 48.52 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: 0.000 min
Response: 184400584
Conc: 53.48 ng/ml



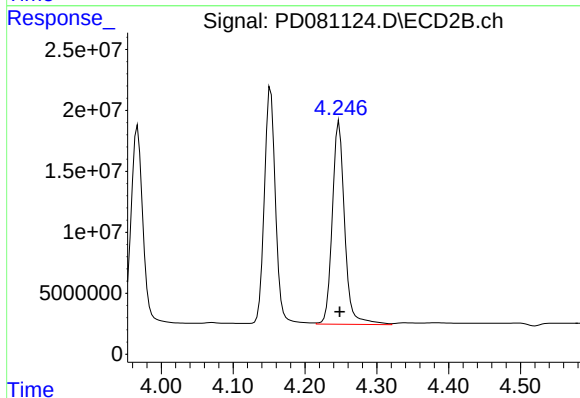
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 124063822
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

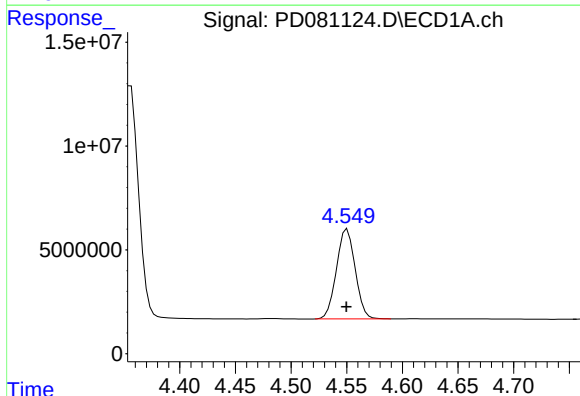
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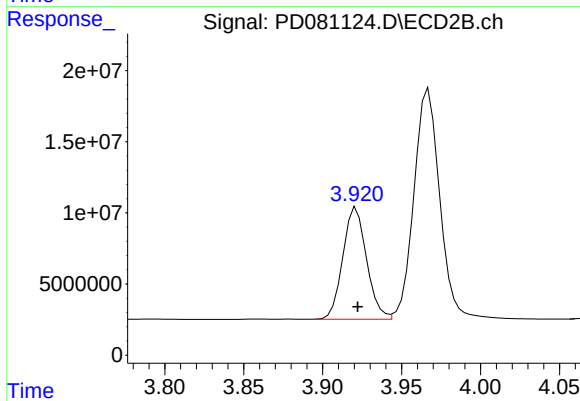
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 198857524
Conc: 54.60 ng/ml



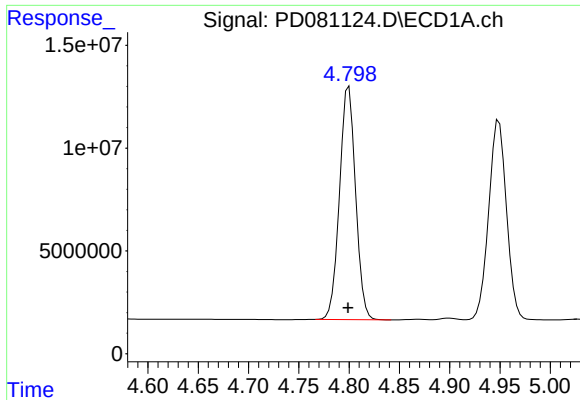
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 50645994
Conc: 50.05 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 82276634
Conc: 52.65 ng/ml



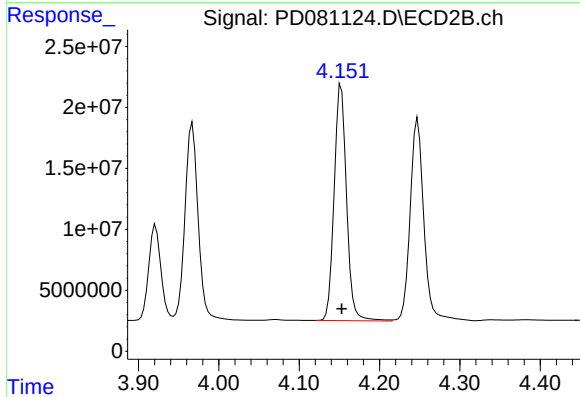
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 125783687
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

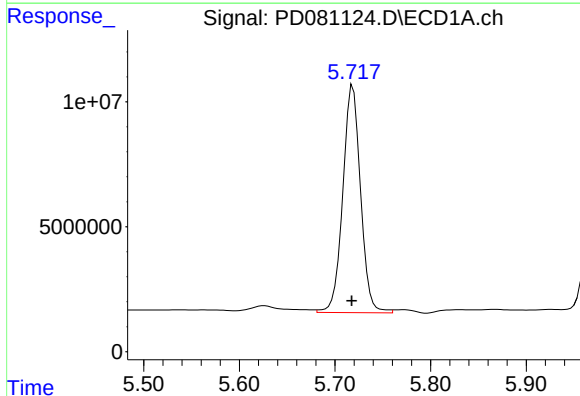
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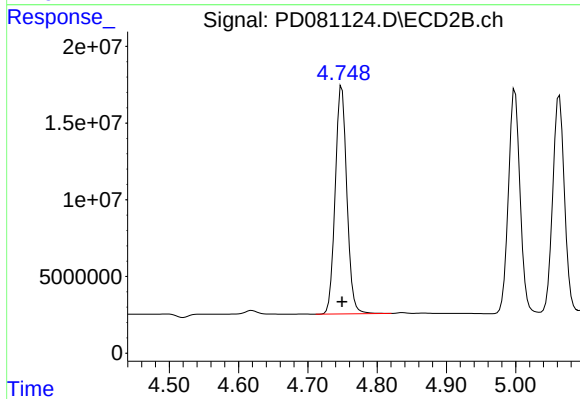
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 207925826
Conc: 55.40 ng/ml



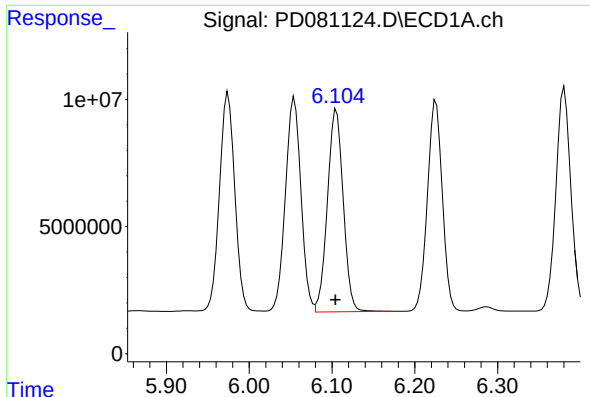
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.001 min
Response: 117789595
Conc: 52.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 173233614
Conc: 51.72 ng/ml



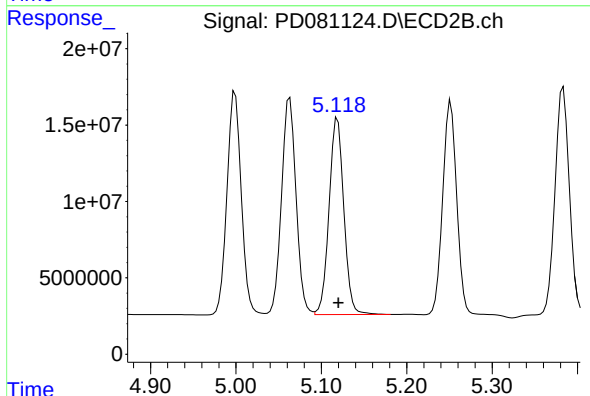
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 105590243
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

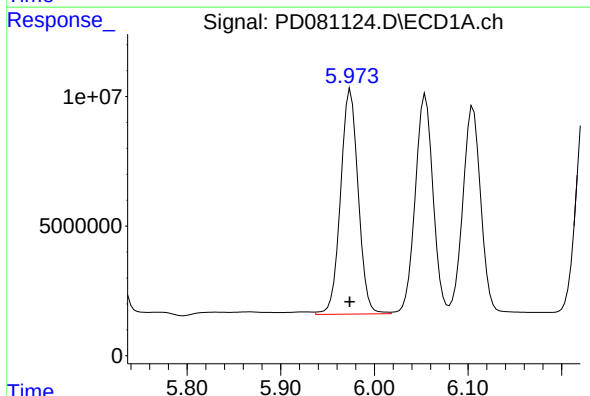
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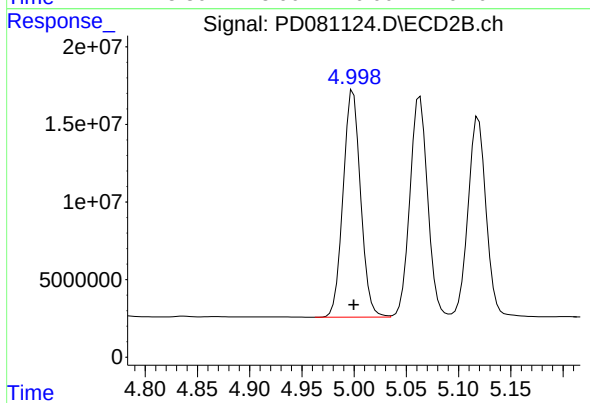
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 154849590
Conc: 50.56 ng/ml



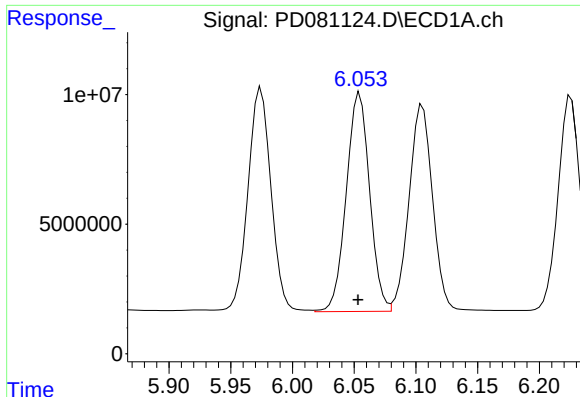
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 113717571
Conc: 51.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 170357625
Conc: 52.08 ng/ml



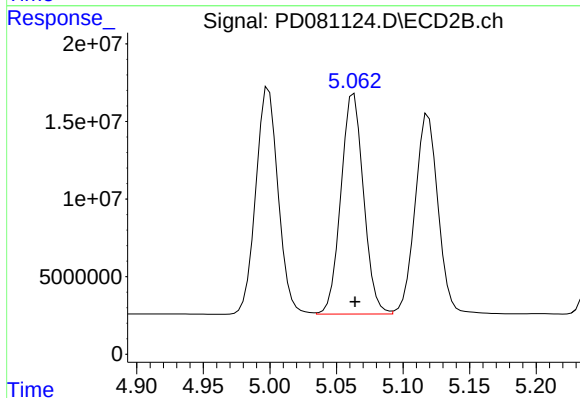
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 111121064
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

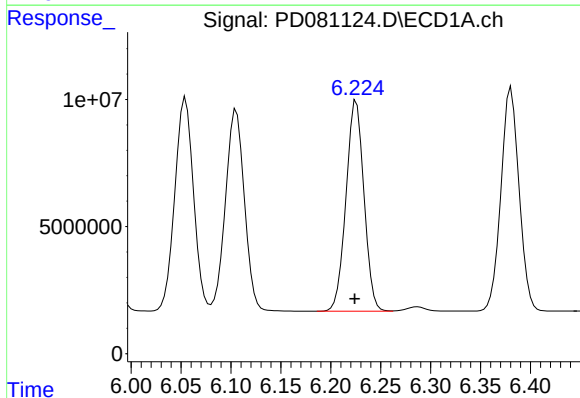
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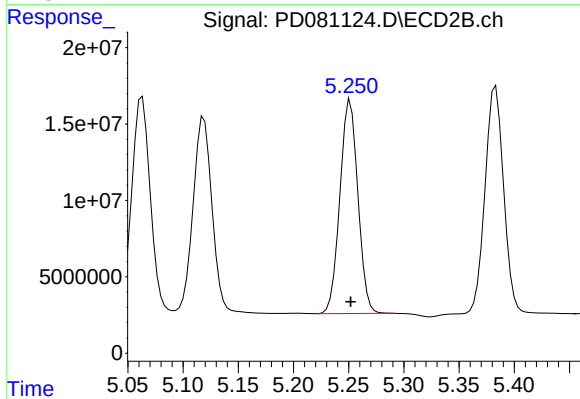
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 168187975
Conc: 51.44 ng/ml



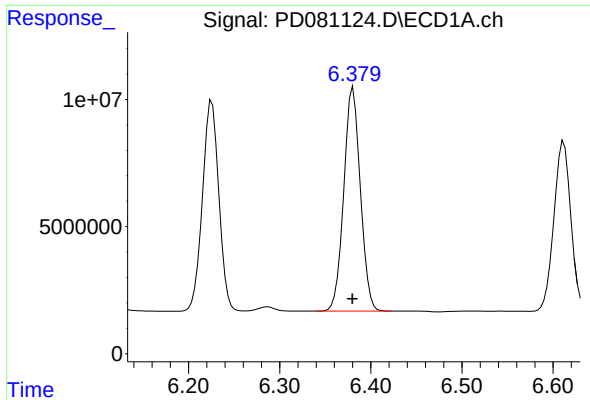
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 103633575
Conc: 50.93 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 158710061
Conc: 51.81 ng/ml m



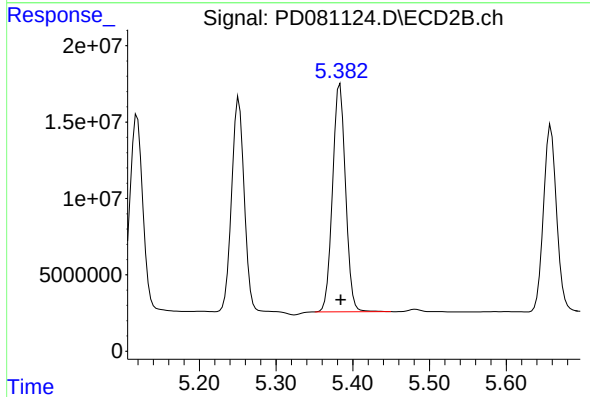
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 111112647
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

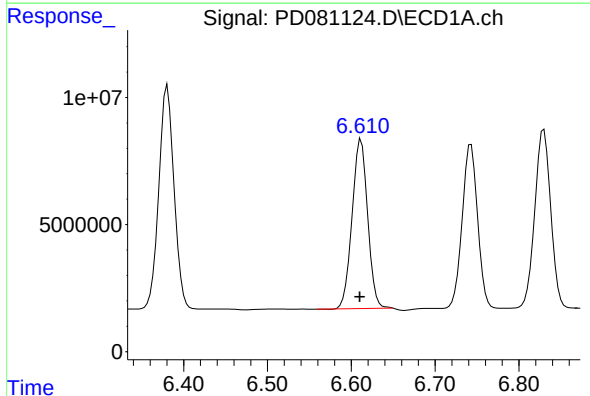
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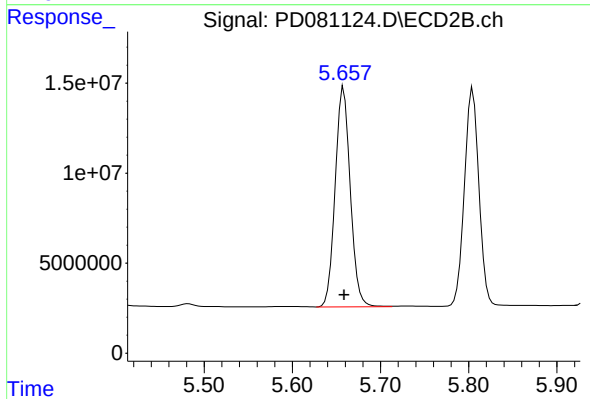
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 175462221
Conc: 51.59 ng/ml



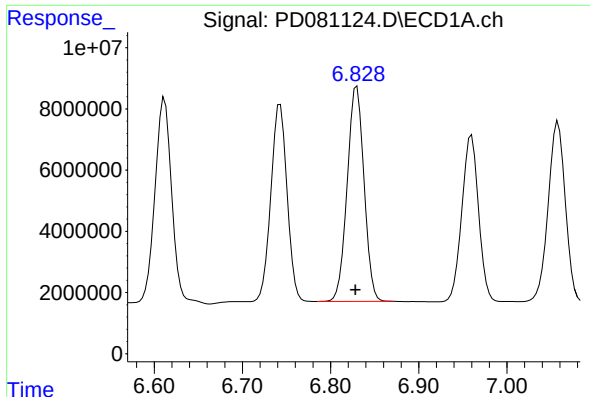
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 86125110
Conc: 46.11 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 145385312
Conc: 49.06 ng/ml



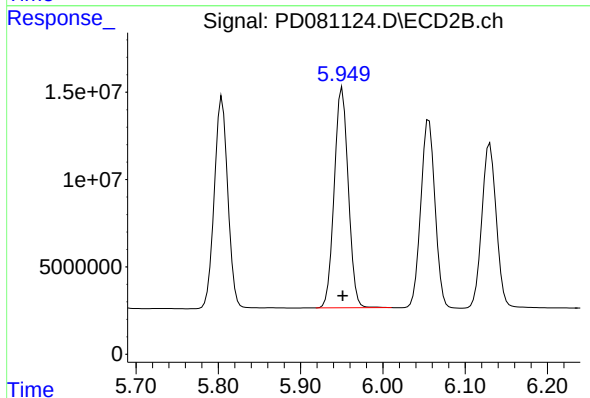
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.002 min
Response: 93262472
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

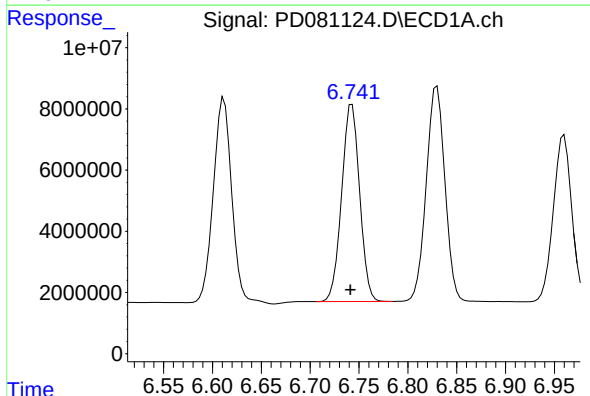
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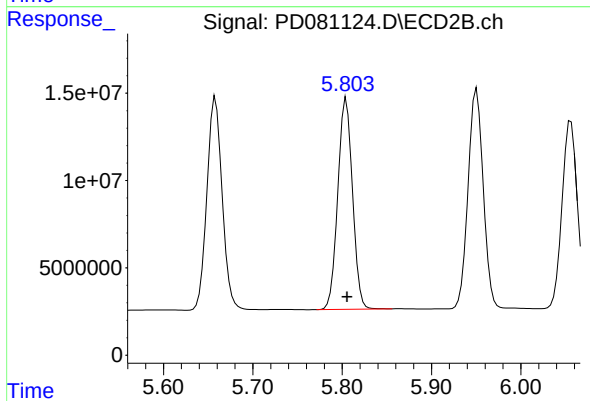
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 149245055
Conc: 51.89 ng/ml



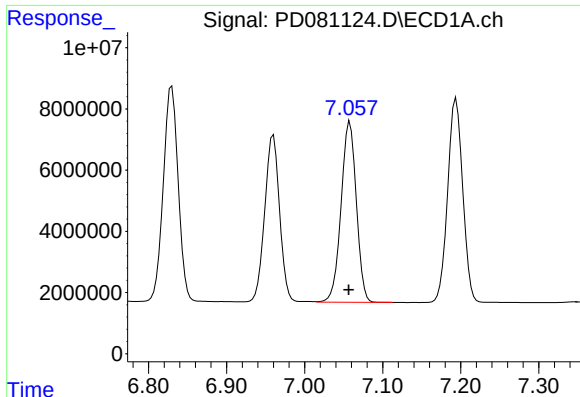
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 82584710
Conc: 50.26 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 138155146
Conc: 52.63 ng/ml



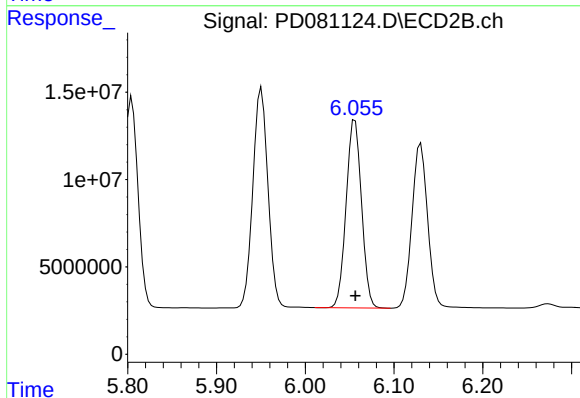
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.001 min
Response: 80028301
Conc: 44.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

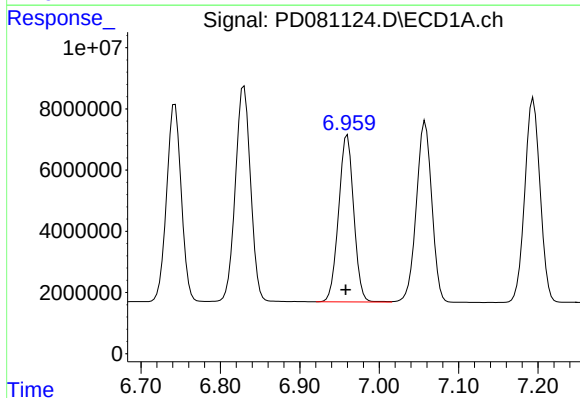
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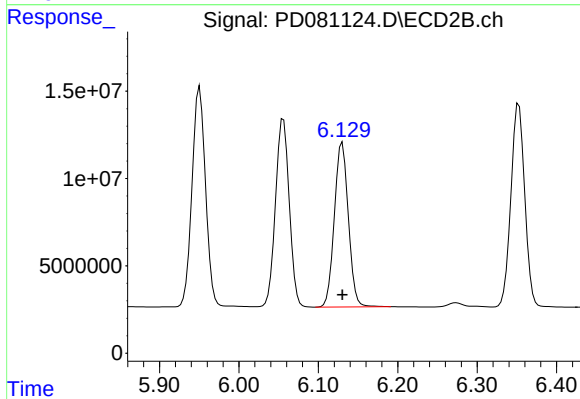
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 129573846
Conc: 48.84 ng/ml



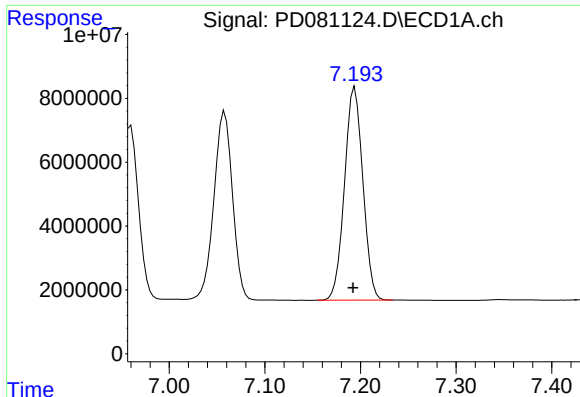
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 72245309
Conc: 47.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 115154635
Conc: 51.07 ng/ml



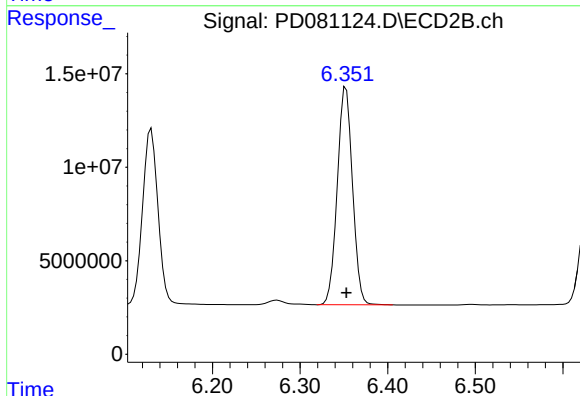
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 89388032
Conc: 47.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

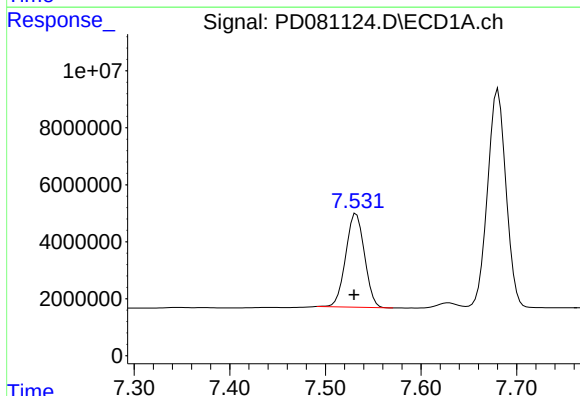
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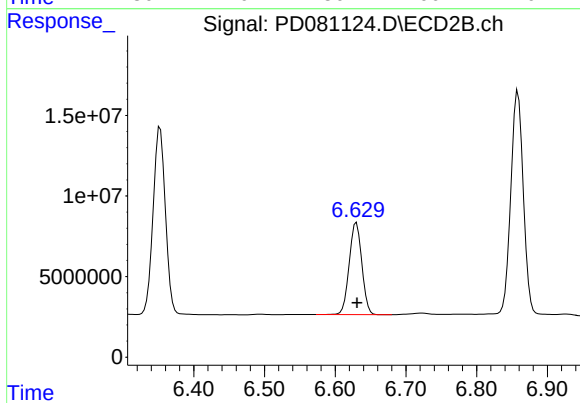
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 140759304
Conc: 50.46 ng/ml



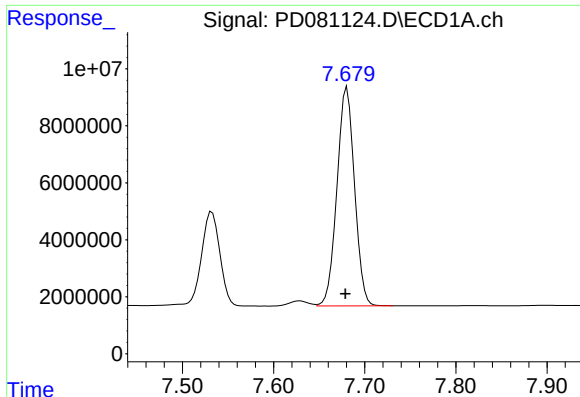
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 44999874
Conc: 43.72 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 70892758
Conc: 45.29 ng/ml



#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 102664204
Conc: 49.09 ng/ml

Instrument :

ECD_D

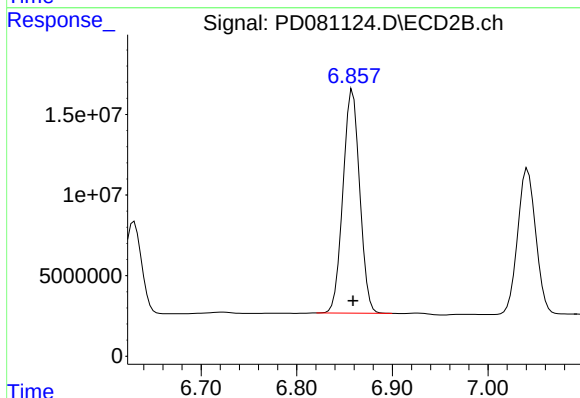
ClientSampleId :

PSTDCCC050

Manual Integrations

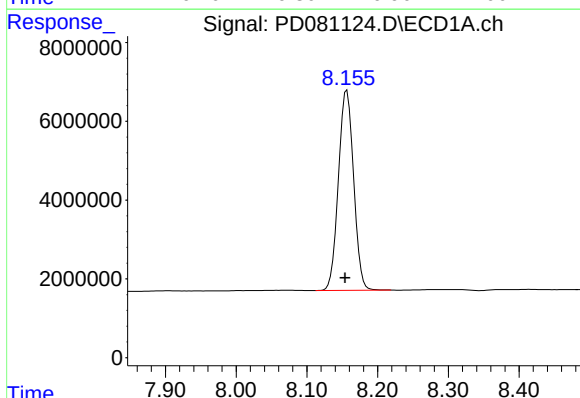
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Reviewed By :Abdul Mirza 02/07/2024
Supervised By :Ankita Jodhani 02/07/2024



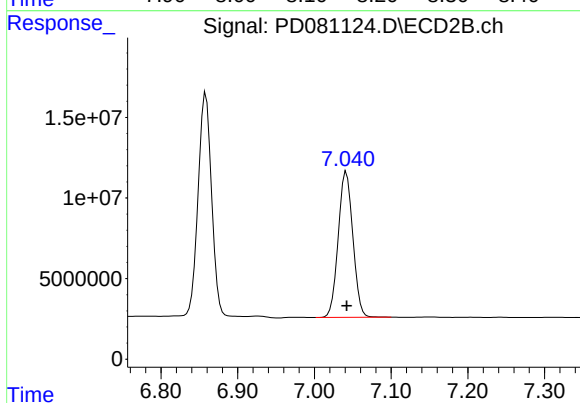
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 169265401
Conc: 52.45 ng/ml



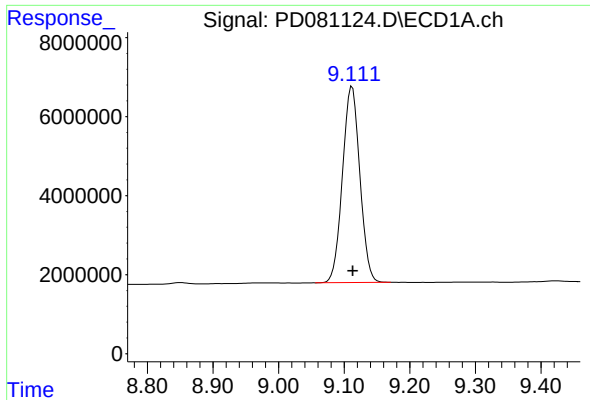
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 75903090
Conc: 46.02 ng/ml



#22 Mirex

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 119931122
Conc: 47.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 91327309
Conc: 45.38 ng/ml

Instrument :

ECD_D

ClientSampleId :

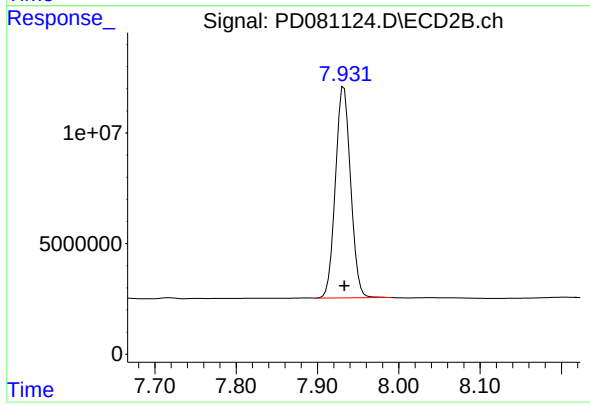
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/07/2024

Supervised By :Ankita Jodhani 02/07/2024



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 123942636
Conc: 46.53 ng/ml