

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042924\
 Data File : PD082648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 12:04
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 14:35:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 14:25:20 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...	3.564	2.776	37678465	92319349	25.184	24.709
28)	SA Decachlor...	9.121	7.907	48170091	93863533	25.492	25.253
Target Compounds							
2)	A alpha-BHC	4.020	3.276	63187894	145.1E6	23.323m	24.144
3)	MA gamma-BHC...	4.356	3.604	62576906	143.6E6	24.259	24.927
4)	MA Heptachlor	4.949	3.943	60639285	130.8E6	24.234	24.543
5)	MB Aldrin	5.293	4.223	61340671	136.0E6	24.060	24.423
6)	B beta-BHC	4.552	3.900	25686112	57374643	25.346	25.317
7)	B delta-BHC	4.801	4.130	59889313	137.4E6	23.637	24.175
8)	B Heptachlo...	5.718	4.724	54409013	128.4E6	23.968m	25.784
9)	A Endosulfan I	6.107	5.093	52305361	111.1E6	25.064	24.819
10)	B gamma-Chl...	5.977	4.974	55238651	120.1E6	24.939	24.497
11)	B alpha-Chl...	6.056	5.038	54348423	119.8E6	24.912	24.728
12)	B 4,4'-DDE	6.228	5.226	51566979	110.2E6	24.384	24.071
13)	MA Dieldrin	6.383	5.358	52863992	120.5E6	24.265	24.389
14)	MA Endrin	6.614	5.633	44538368	106.0E6	24.546	24.639
15)	B Endosulfa...	6.834	5.926	47266167	101.1E6	25.696	24.814
16)	A 4,4'-DDD	6.748	5.780	38006775	86765578	24.316	23.638
17)	MA 4,4'-DDT	7.062	6.031	40434704	92172144	24.214m	23.880
18)	B Endrin al...	6.963	6.106	35149048	79095684	26.104m	25.854
19)	B Endosulfa...	7.199	6.328	41928372	96382548	24.975	24.773
20)	A Methoxychlor	7.539	6.606	21989451	51253797	25.196	25.237
21)	B Endrin ke...	7.687	6.834	45061257	111.3E6	24.568	24.968
22)	Mirex	8.163	7.015	36420480	87542634	25.739	25.614

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042924\
Data File : PD082648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 12:04
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC025

Manual Integrations

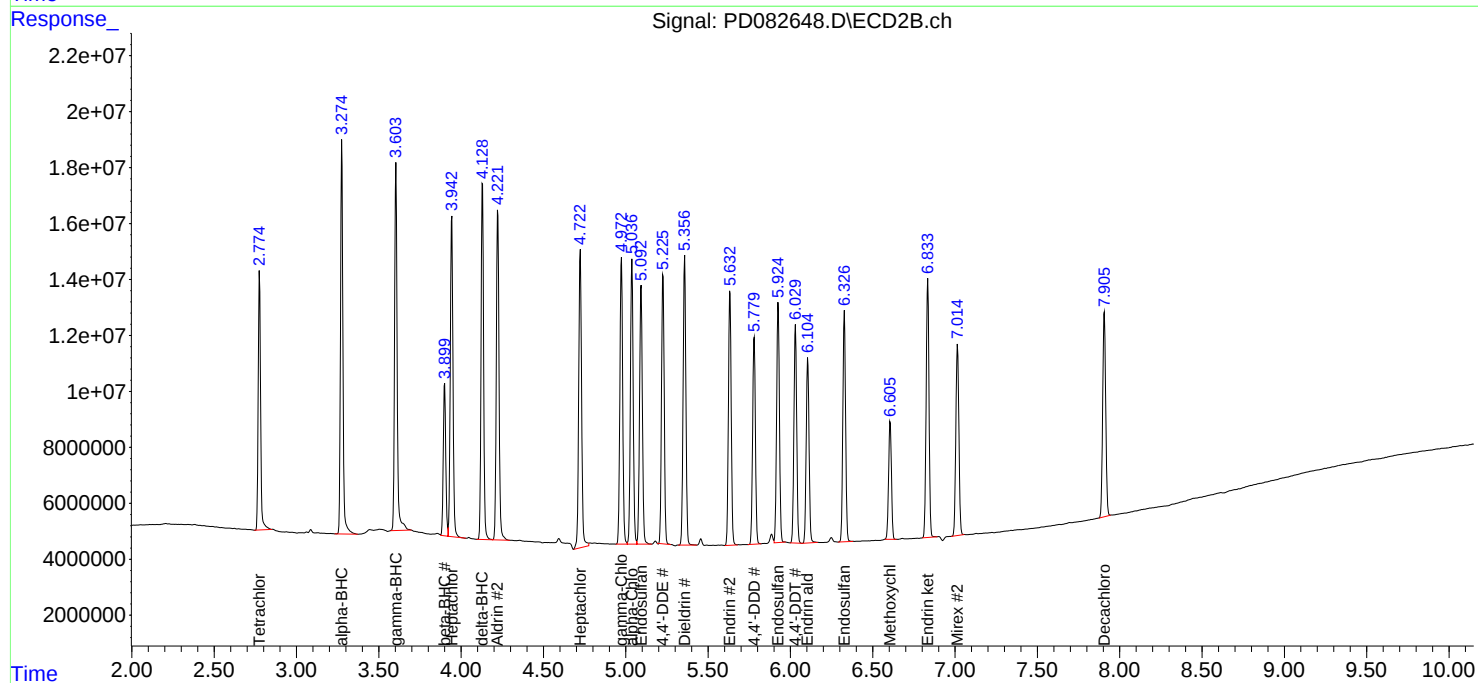
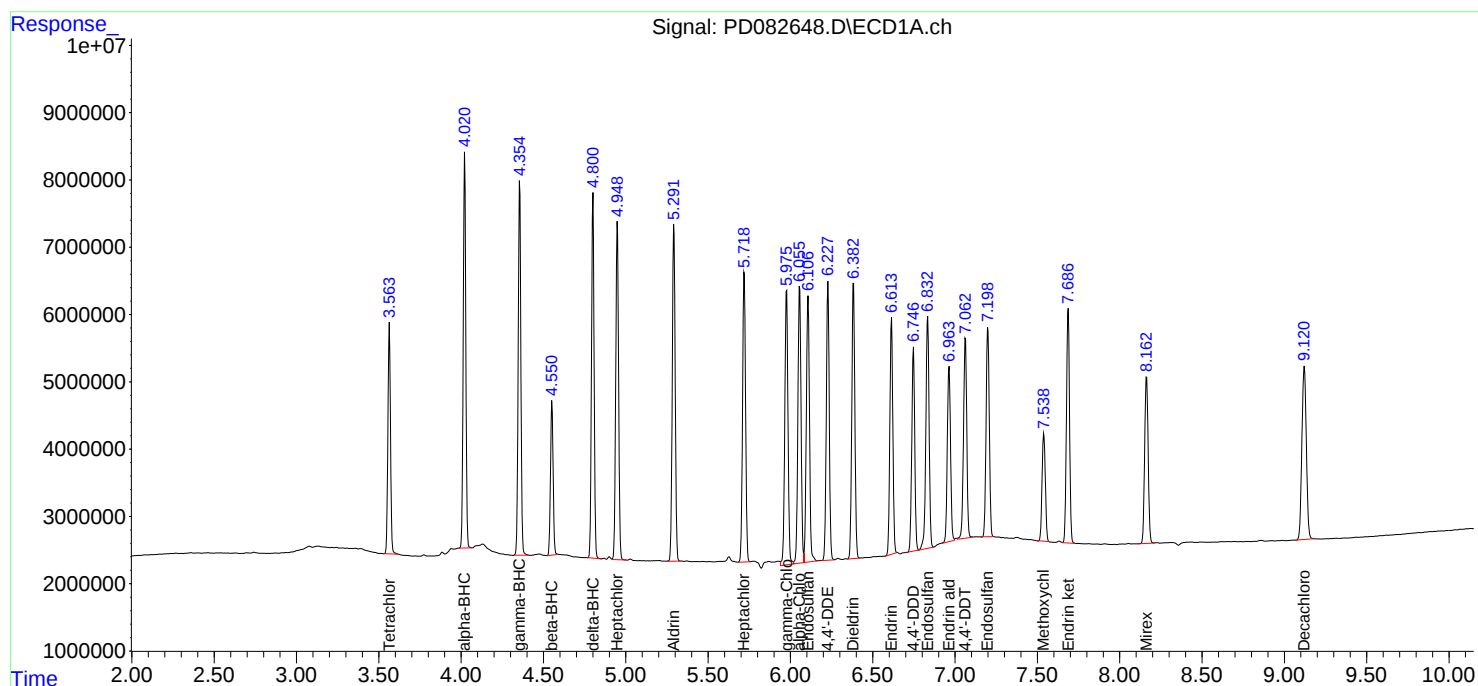
APPROVED

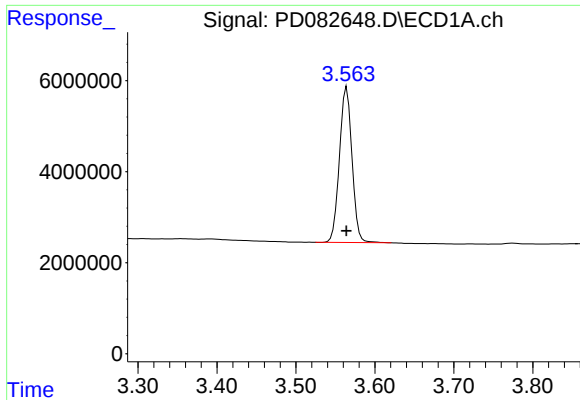
Reviewed By :Abdul Mirza 04/30/2024

Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 14:35:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 14:25:20 2024
Response via : Initial Calibration
Integrator: ChemStation

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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





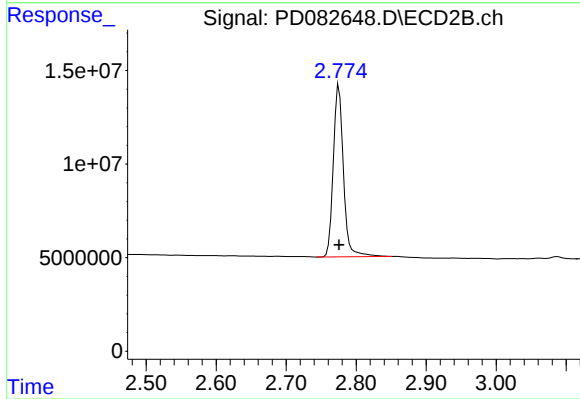
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 37678465
Conc: 25.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

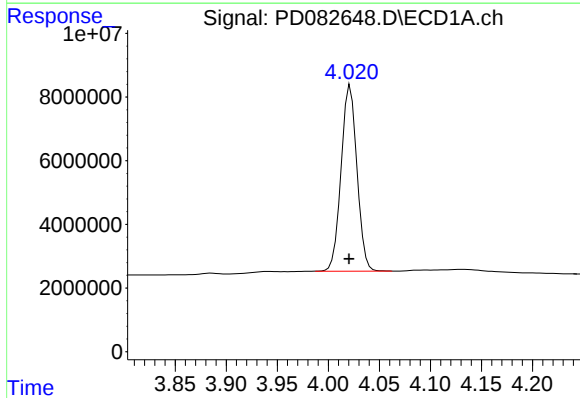
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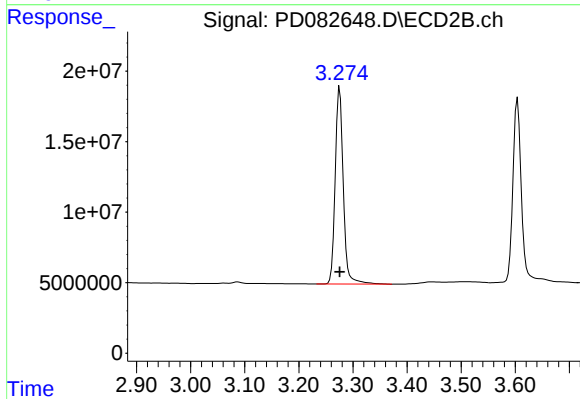
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 92319349
Conc: 24.71 ng/ml



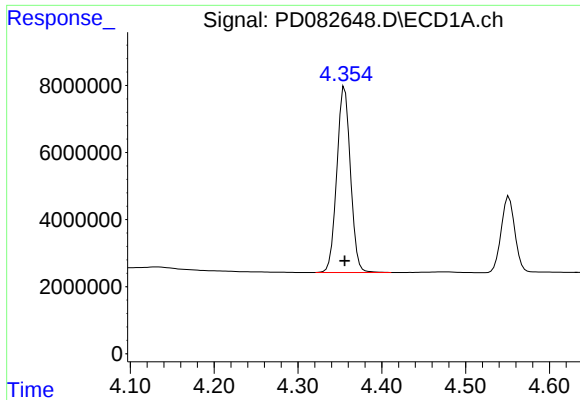
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 63187894
Conc: 23.32 ng/ml m



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 145067471
Conc: 24.14 ng/ml



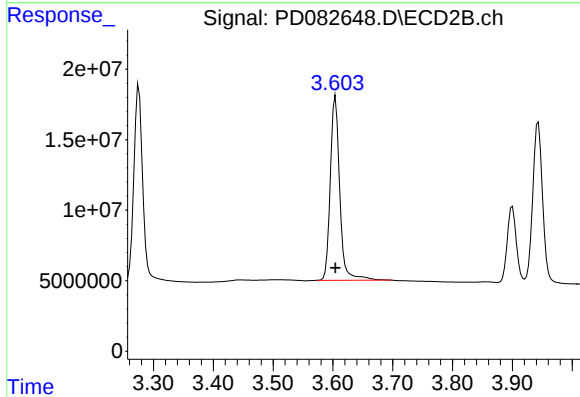
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 62576906
Conc: 24.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

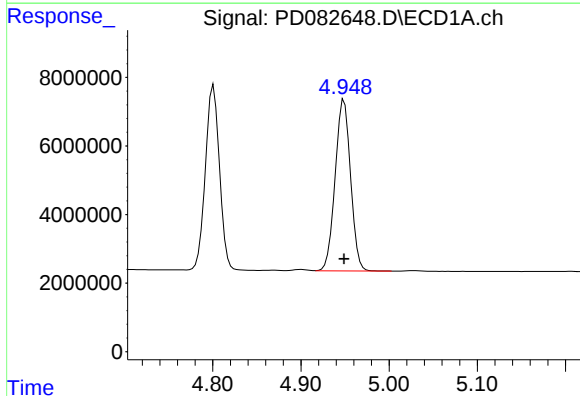
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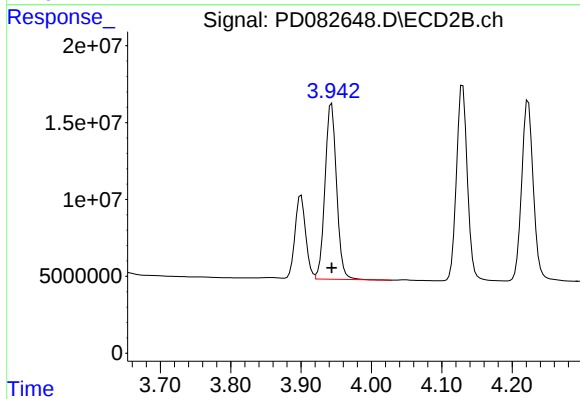
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 143592948
Conc: 24.93 ng/ml



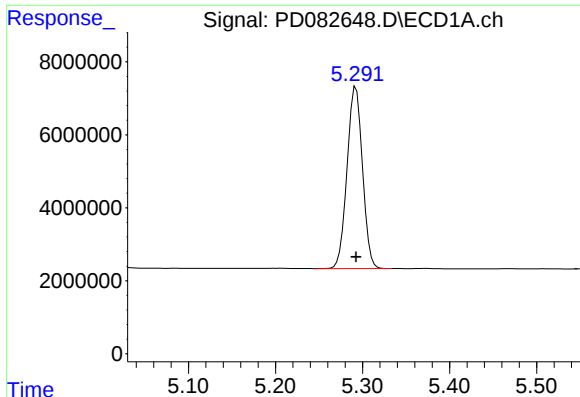
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 60639285
Conc: 24.23 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 130791847
Conc: 24.54 ng/ml



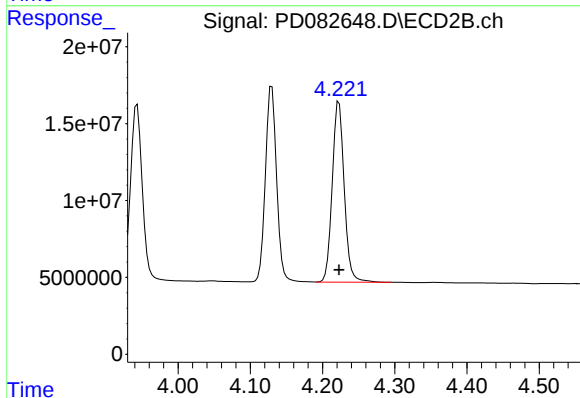
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 61340671
Conc: 24.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

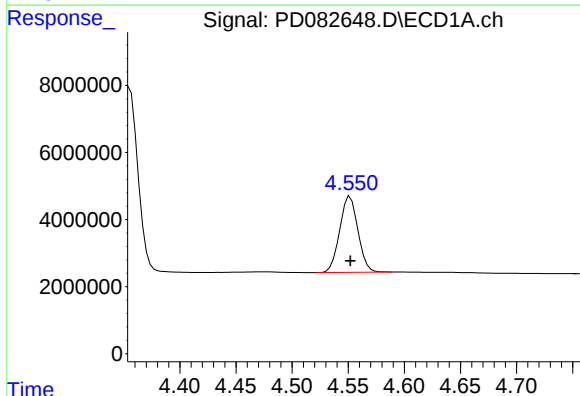
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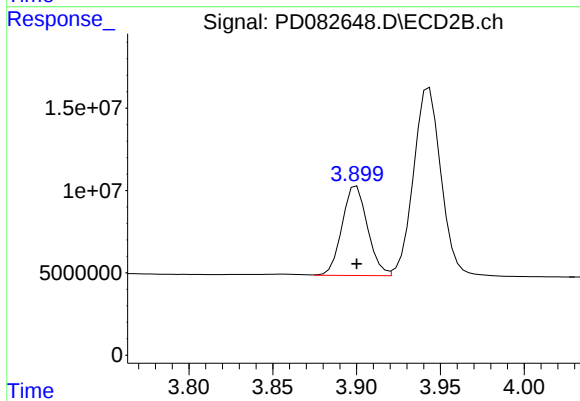
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 135983424
Conc: 24.42 ng/ml



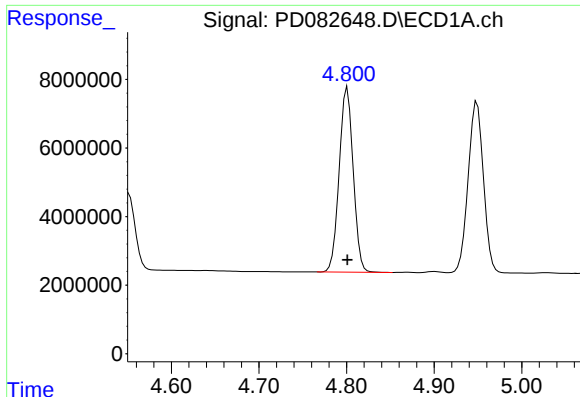
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 25686112
Conc: 25.35 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 57374643
Conc: 25.32 ng/ml



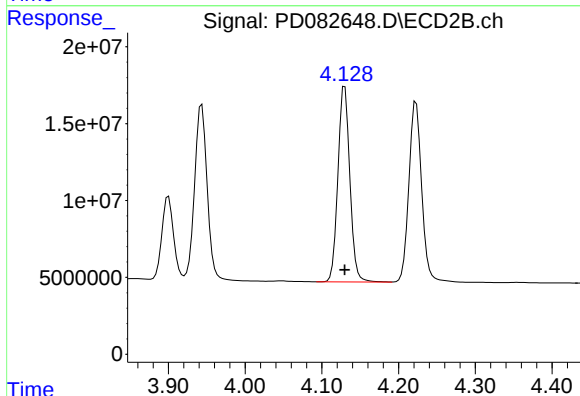
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 59889313
Conc: 23.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

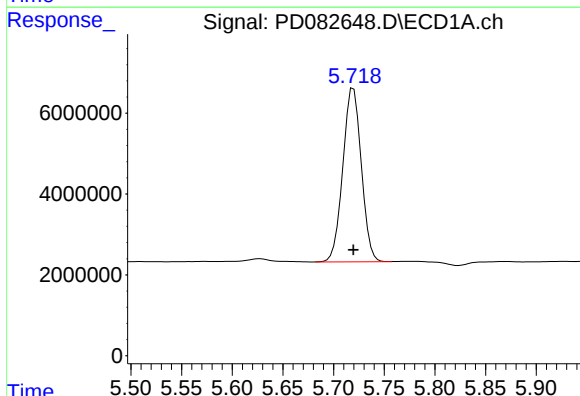
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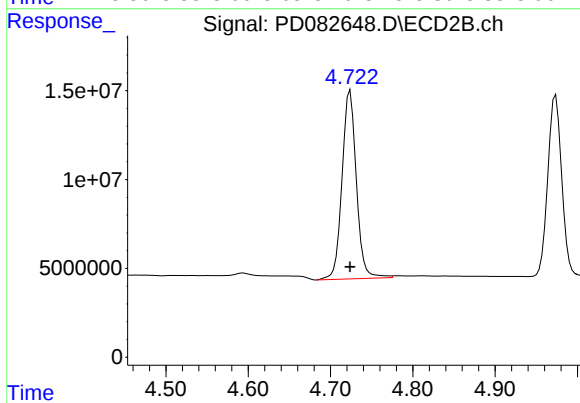
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 137421459
Conc: 24.18 ng/ml



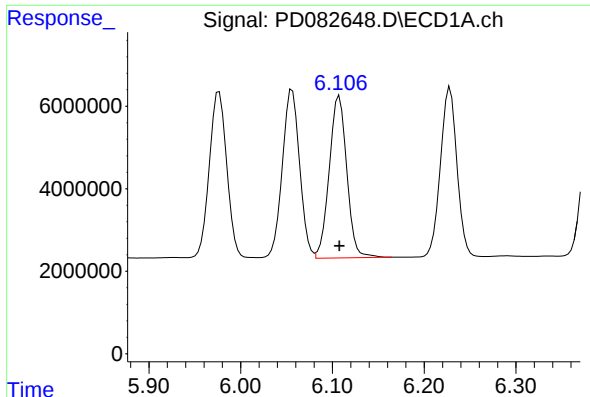
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 54409013
Conc: 23.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 128415115
Conc: 25.78 ng/ml



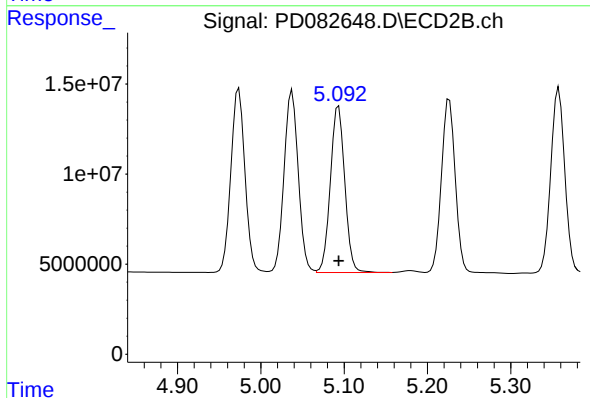
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 52305361
Conc: 25.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

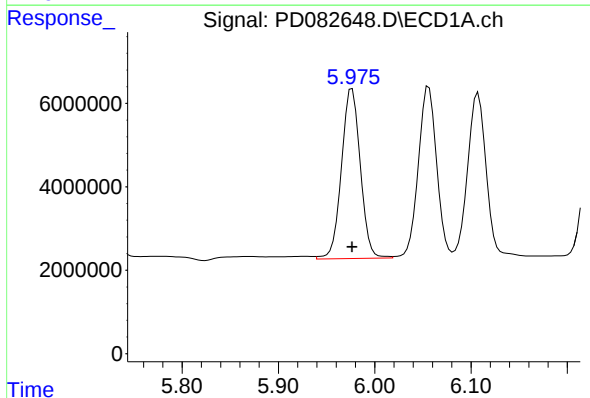
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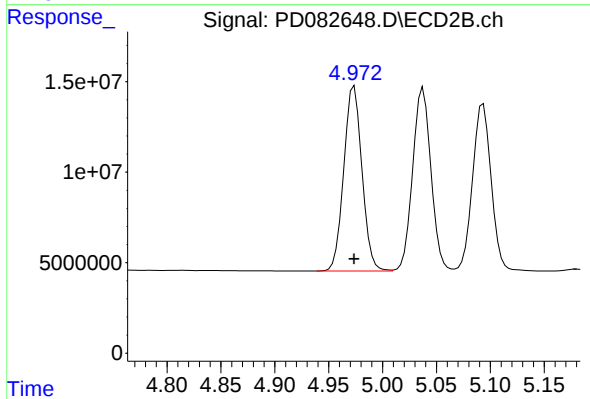
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 111115985
Conc: 24.82 ng/ml



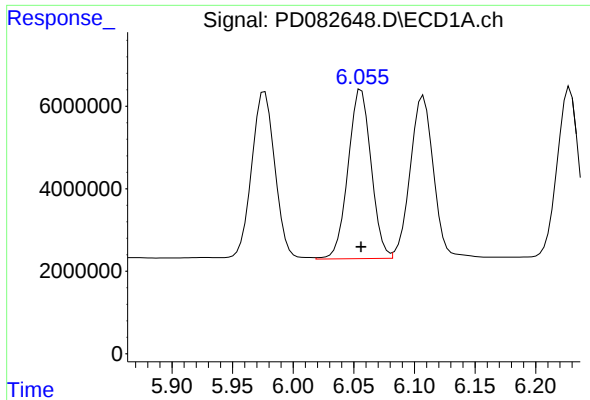
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 55238651
Conc: 24.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 120125759
Conc: 24.50 ng/ml



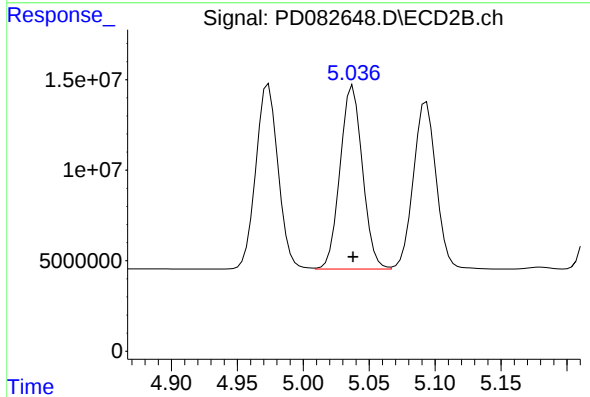
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 54348423
Conc: 24.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

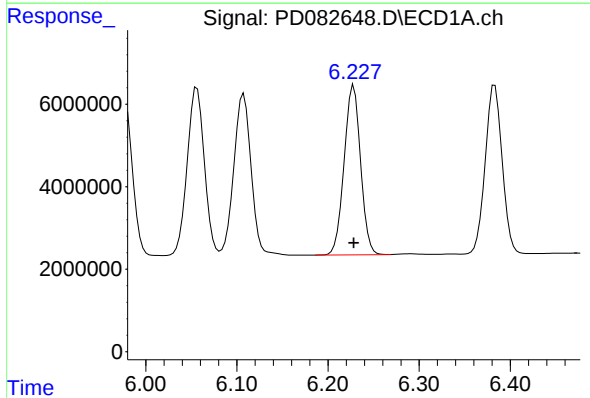
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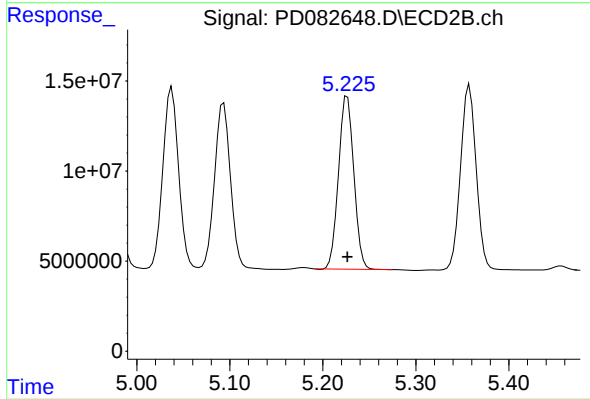
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 119795605
Conc: 24.73 ng/ml



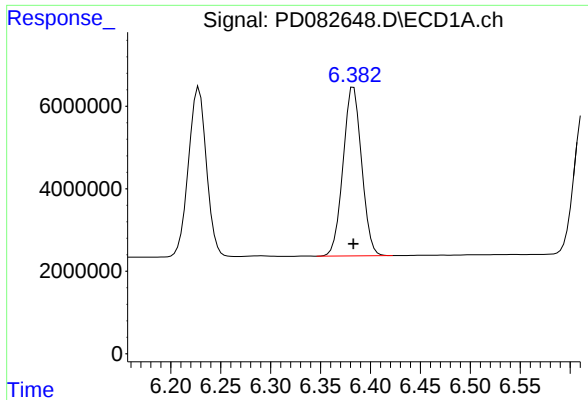
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 51566979
Conc: 24.38 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 110247969
Conc: 24.07 ng/ml



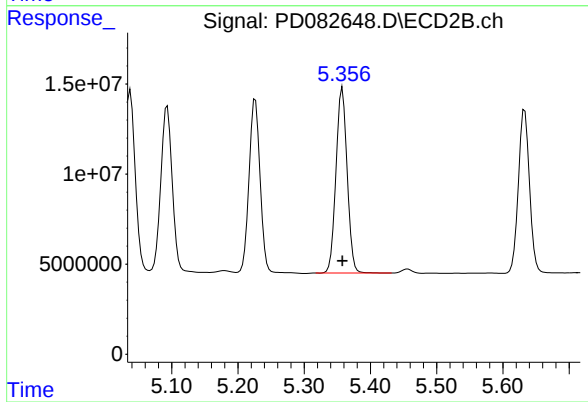
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 52863992
Conc: 24.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

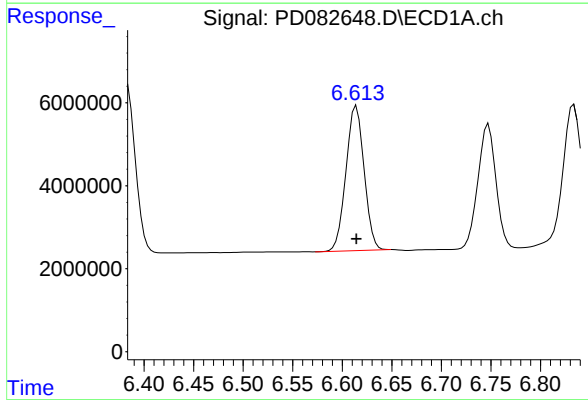
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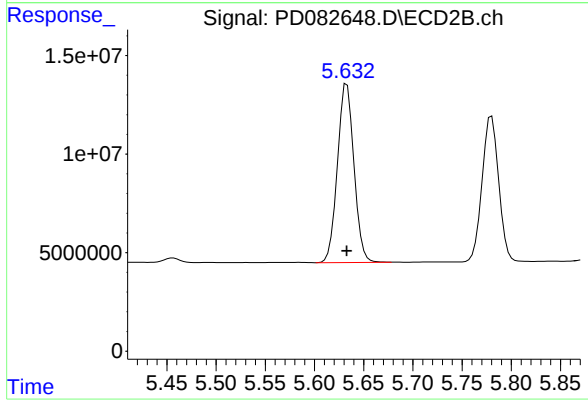
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 120467066
Conc: 24.39 ng/ml



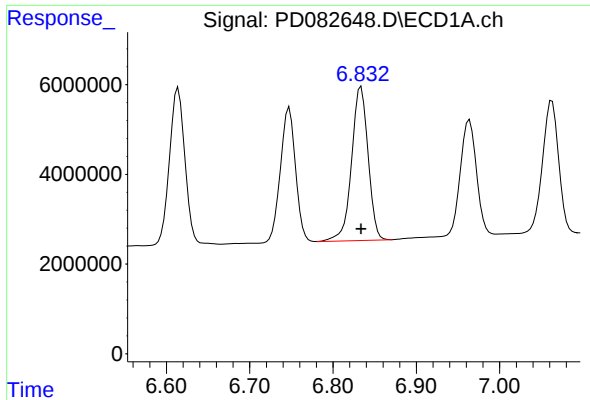
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 44538368
Conc: 24.55 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 105967887
Conc: 24.64 ng/ml



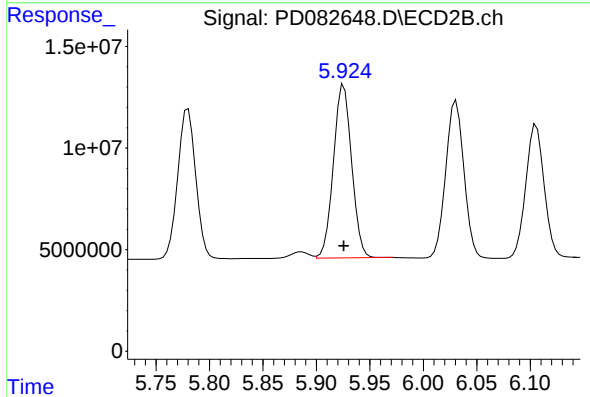
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 47266167
Conc: 25.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

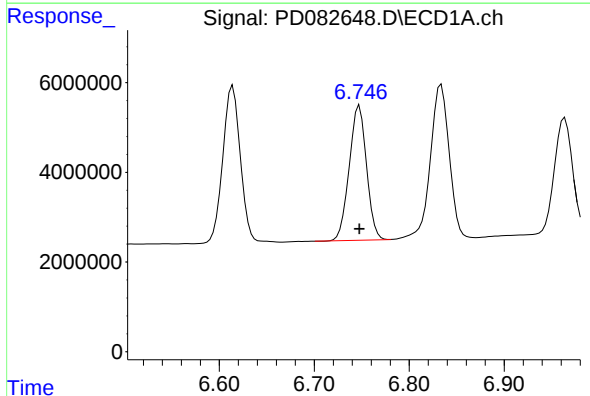
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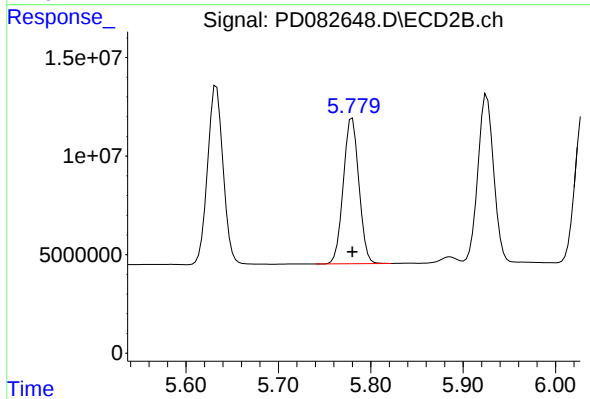
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 101106018
Conc: 24.81 ng/ml



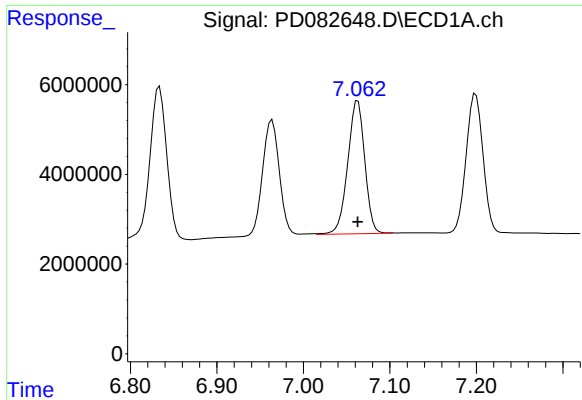
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 38006775
Conc: 24.32 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 86765578
Conc: 23.64 ng/ml



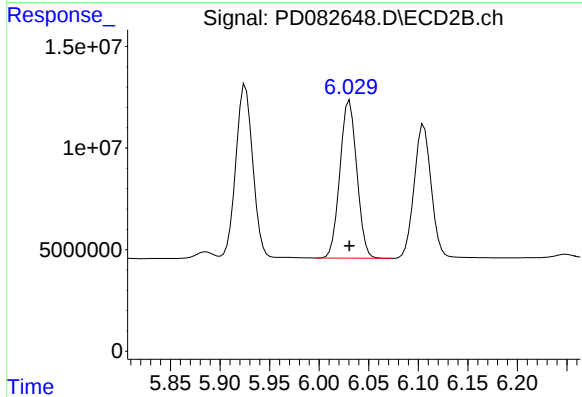
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 40434704
Conc: 24.21 ng/ml

Instrument :
ECD_D
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PSTDICC025

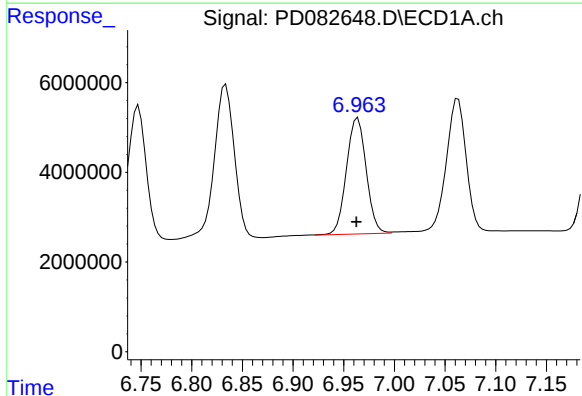
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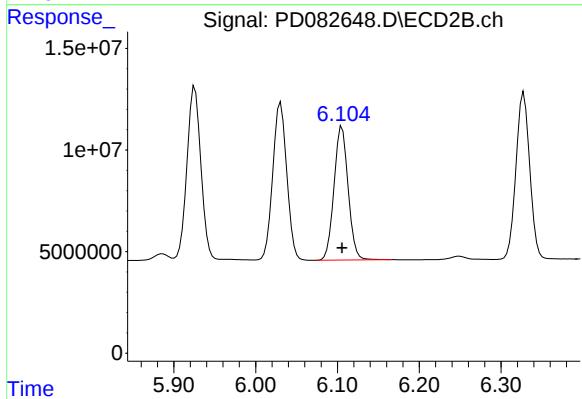
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 92172144
Conc: 23.88 ng/ml



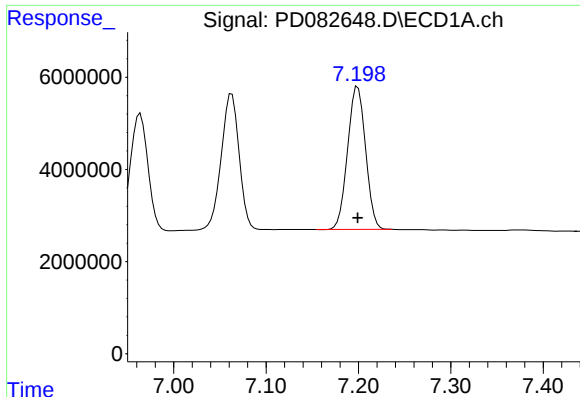
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 35149048
Conc: 26.10 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 79095684
Conc: 25.85 ng/ml



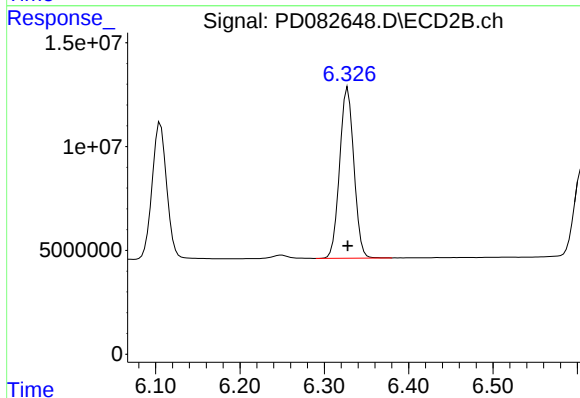
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 41928372
Conc: 24.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

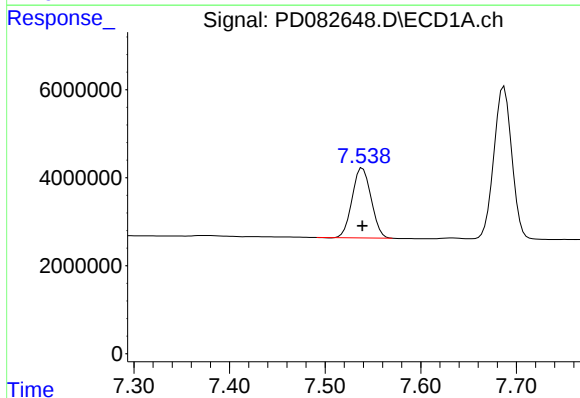
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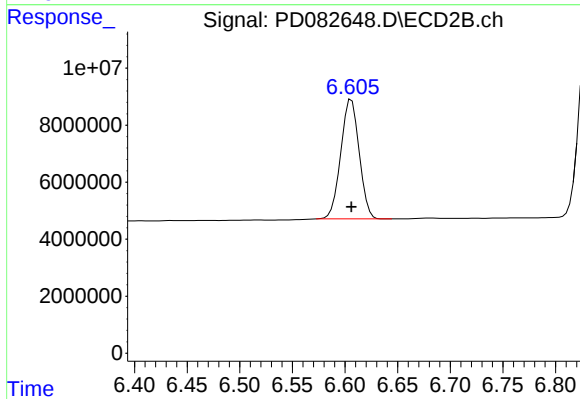
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 96382548
Conc: 24.77 ng/ml



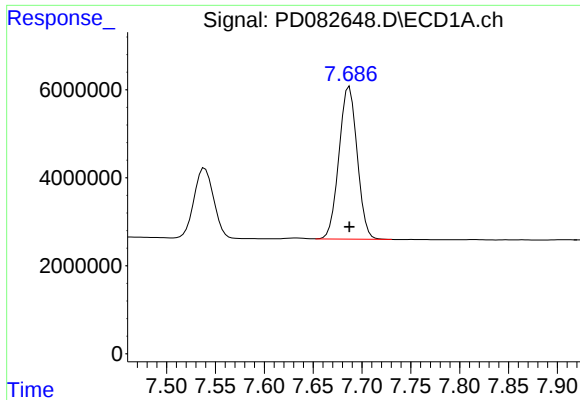
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 21989451
Conc: 25.20 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 51253797
Conc: 25.24 ng/ml



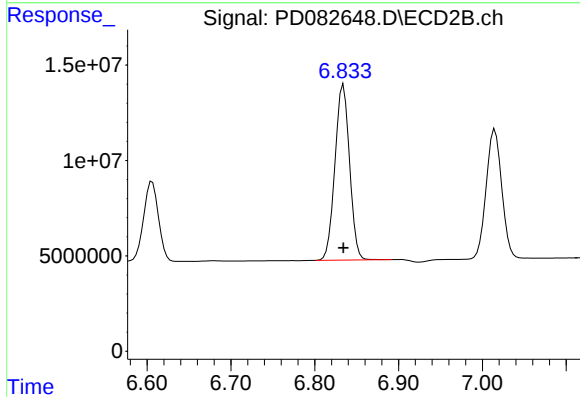
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 45061257
Conc: 24.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

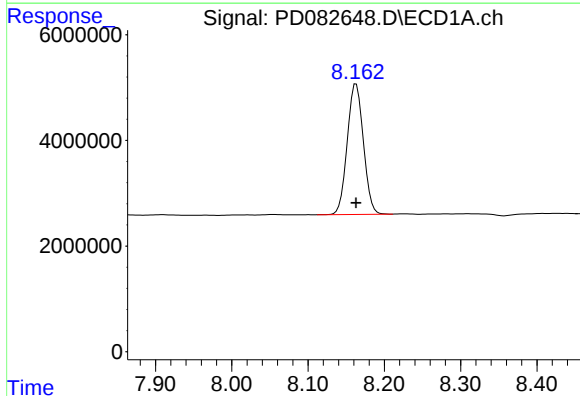
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APPROVED

Reviewed By :Abdul Mirza 04/30/2024
Supervised By :mohammad ahmed 05/02/2024



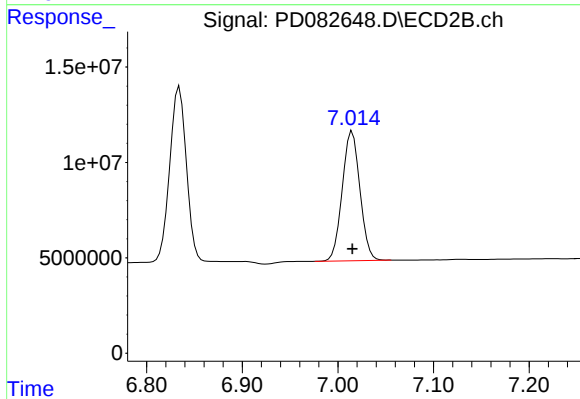
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 111328961
Conc: 24.97 ng/ml



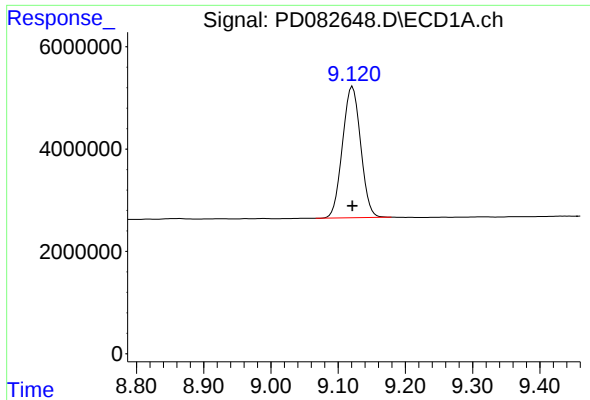
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 36420480
Conc: 25.74 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 87542634
Conc: 25.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 48170091
Conc: 25.49 ng/ml

Instrument :

ECD_D

ClientSampleId :

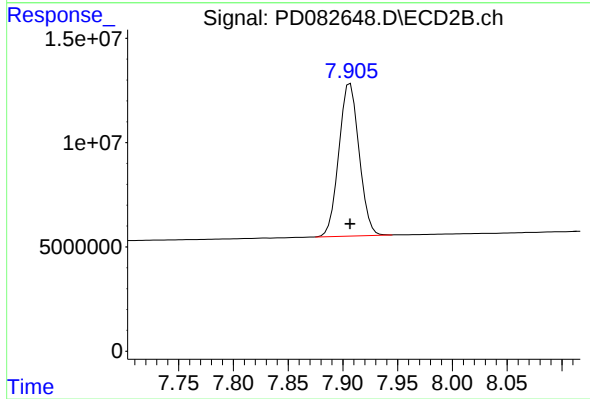
PSTDICC025

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 93863533
Conc: 25.25 ng/ml