

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
 Data File : PD082823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2024 12:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/17/2024
 Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 16 05:53:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 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...	3.565	2.775	78507752	206.9E6	50.710	52.214
28)	SA Decachlor...	9.123	7.906	101.1E6	201.7E6	50.614	52.174
Target Compounds							
2)	A alpha-BHC	4.023	3.275	142.1E6	331.2E6	51.887	53.091
3)	MA gamma-BHC...	4.357	3.604	137.7E6	315.0E6	52.105	53.300
4)	MA Heptachlor	4.950	3.943	134.2E6	300.8E6	53.213	54.343
5)	MB Aldrin	5.294	4.222	134.3E6	304.0E6	52.111	53.347
6)	B beta-BHC	4.553	3.900	54196981	126.5E6	51.748	52.982
7)	B delta-BHC	4.803	4.129	138.5E6	315.3E6	55.724	54.480
8)	B Heptachlo...	5.721	4.723	128.3E6	266.9E6	54.989	52.991
9)	A Endosulfan I	6.109	5.091	108.6E6	248.7E6	50.283	53.921m
10)	B gamma-Chl...	5.978	4.973	114.6E6	264.7E6	50.582	52.955
11)	B alpha-Chl...	6.058	5.037	114.0E6	260.4E6	50.375	52.438
12)	B 4,4'-DDE	6.230	5.225	111.2E6	248.7E6	50.825	53.270
13)	MA Dieldrin	6.385	5.357	114.5E6	268.6E6	51.177	53.434
14)	MA Endrin	6.616	5.632	96535058	232.9E6	51.307	53.258
15)	B Endosulfa...	6.835	5.925	96797090	219.6E6	48.517	52.598
16)	A 4,4'-DDD	6.748	5.779	82298322	198.5E6	51.450	52.752
17)	MA 4,4'-DDT	7.064	6.030	89641343	206.2E6	53.102	53.769
18)	B Endrin al...	6.965	6.104	71883793	165.0E6	51.340	52.849
19)	B Endosulfa...	7.200	6.327	91206264	210.9E6	51.691	52.903
20)	A Methoxychlor	7.539	6.604	47768864	110.2E6	52.112m	54.210
21)	B Endrin ke...	7.688	6.833	99469479	241.7E6	51.752	53.159
22)	Mirex	8.165	7.014	76126521	185.9E6	49.667	52.031

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051524\
Data File : PD082823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2024 12:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

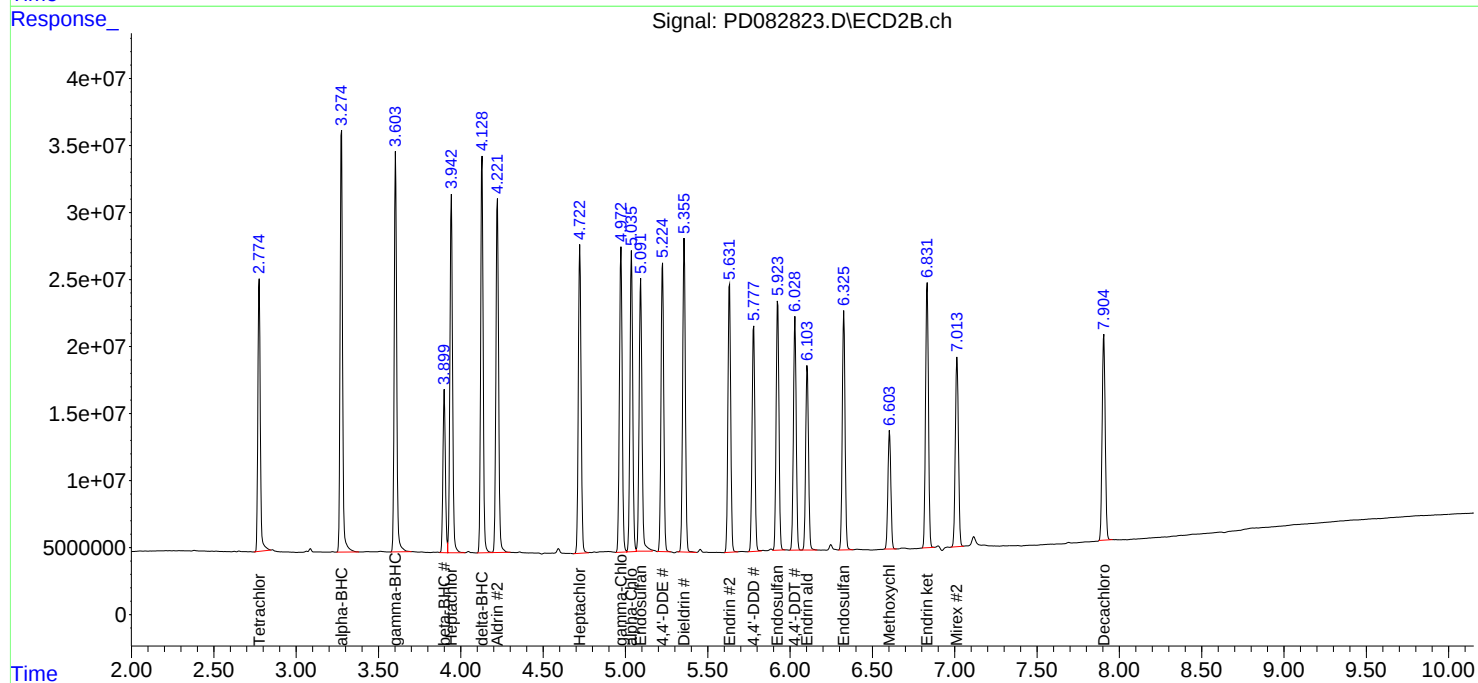
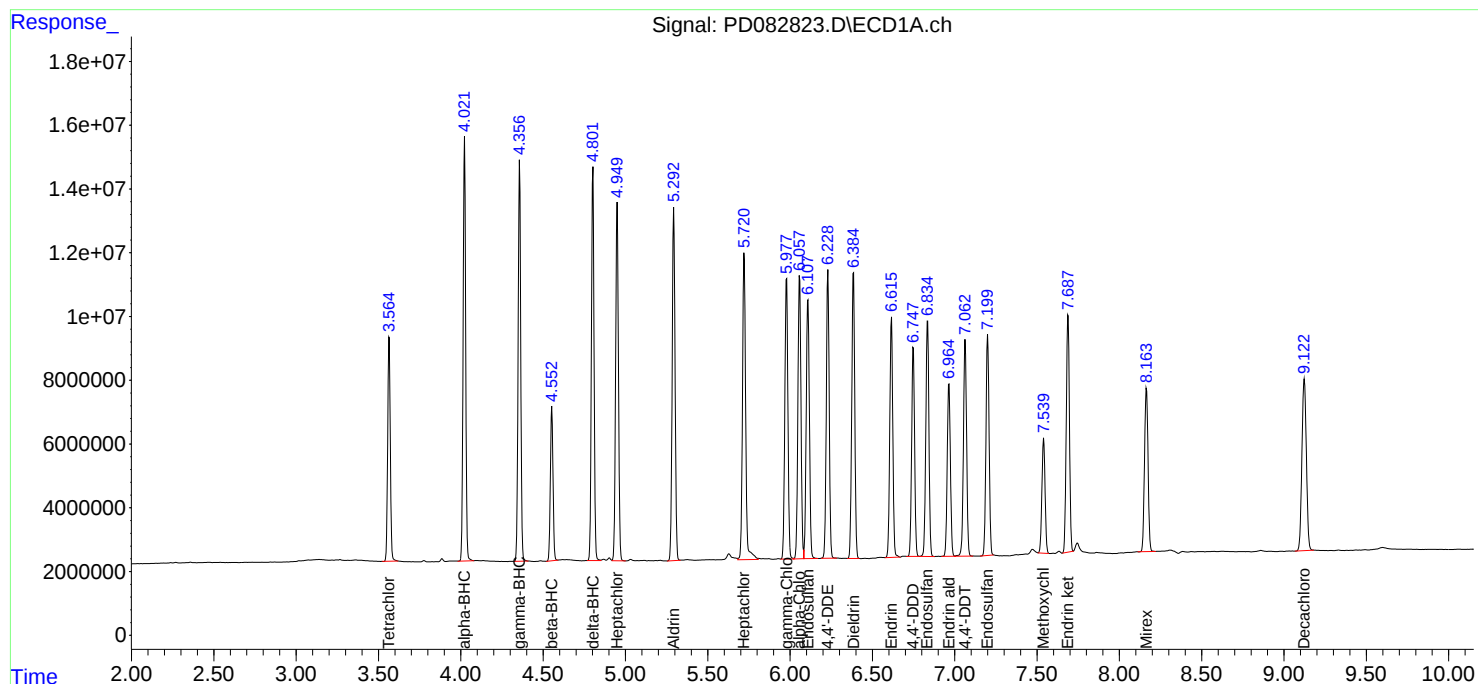
APPROVED

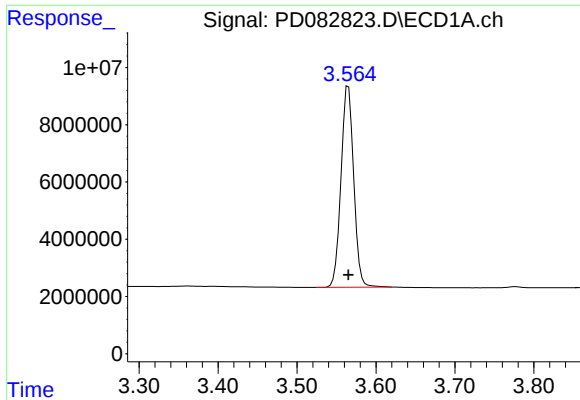
Reviewed By :Abdul Mirza 05/17/2024

Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 16 05:53:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
Response via : Initial Calibration
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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





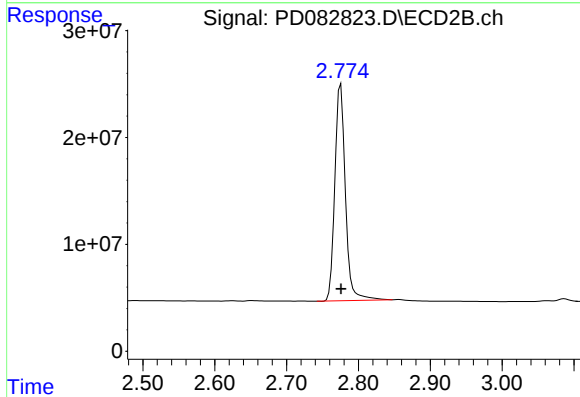
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 78507752
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

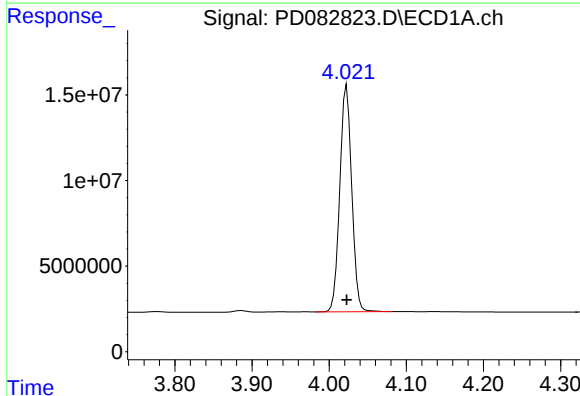
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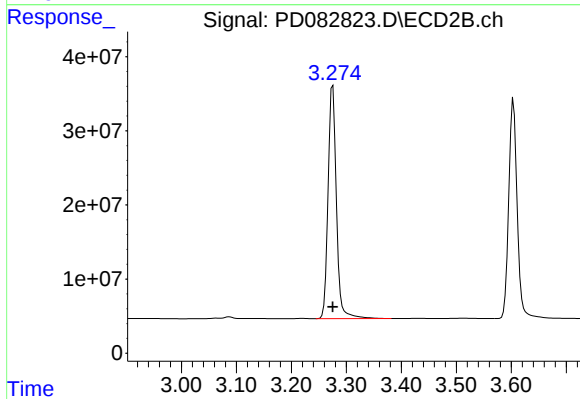
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 206935048
Conc: 52.21 ng/ml



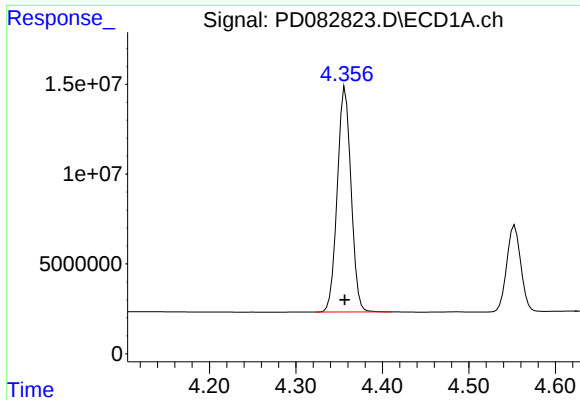
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 142125803
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 331182155
Conc: 53.09 ng/ml



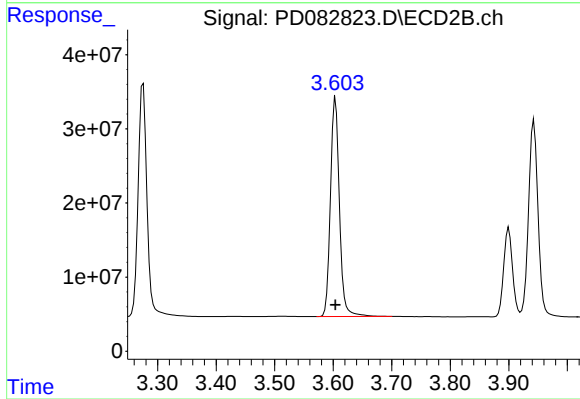
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 137724757
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

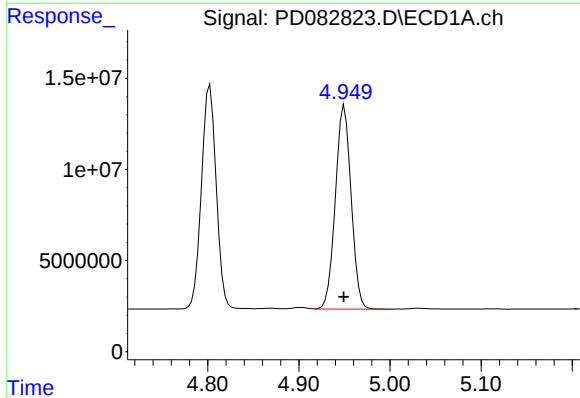
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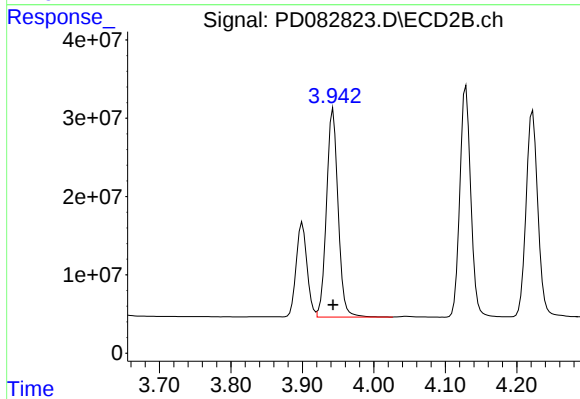
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 315010423
Conc: 53.30 ng/ml



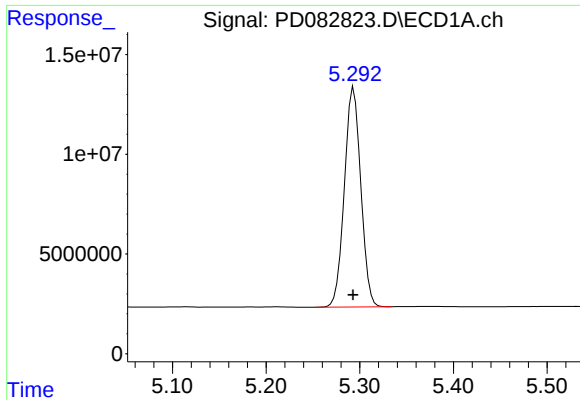
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 134206006
Conc: 53.21 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 300802501
Conc: 54.34 ng/ml



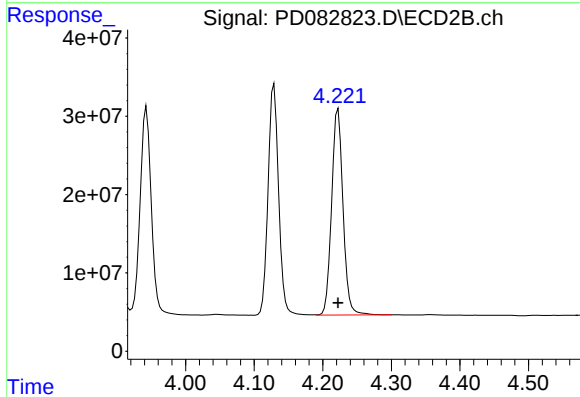
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 134284266
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

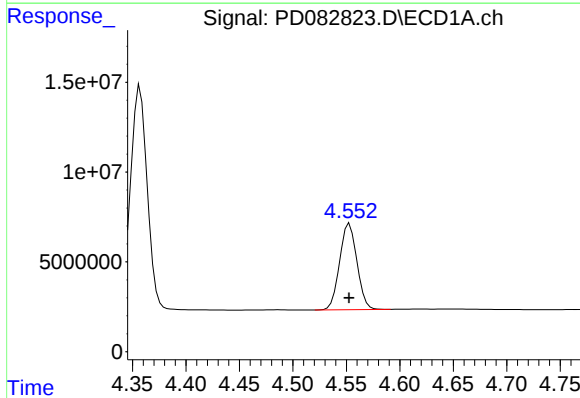
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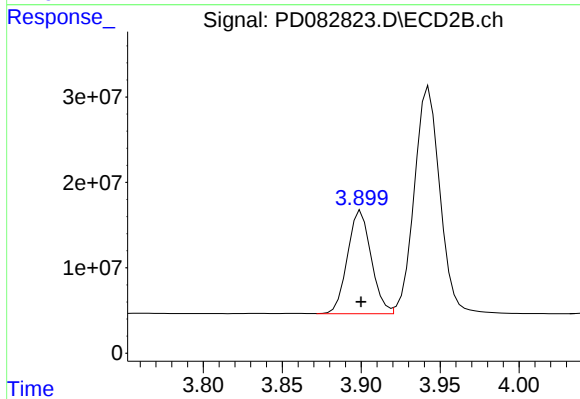
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 303996652
Conc: 53.35 ng/ml



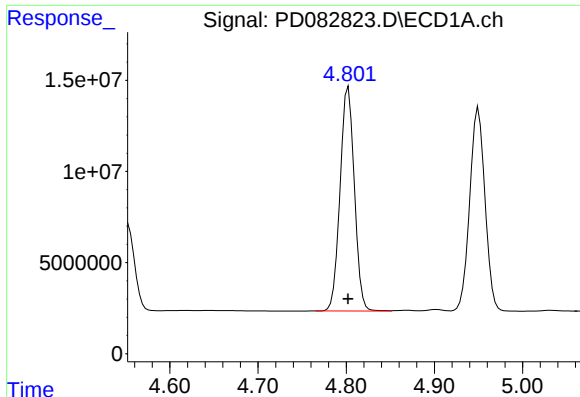
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 54196981
Conc: 51.75 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 126524578
Conc: 52.98 ng/ml



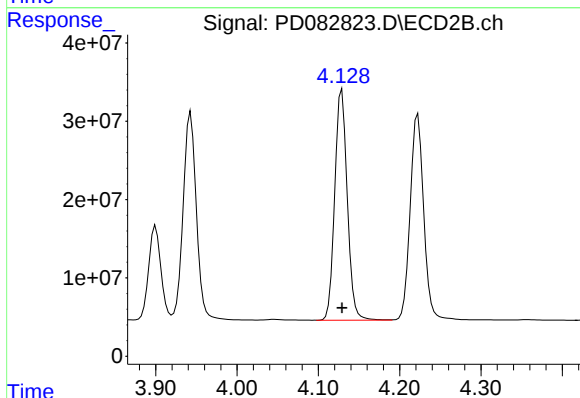
#7 delta-BHC

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 138460884
Conc: 55.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

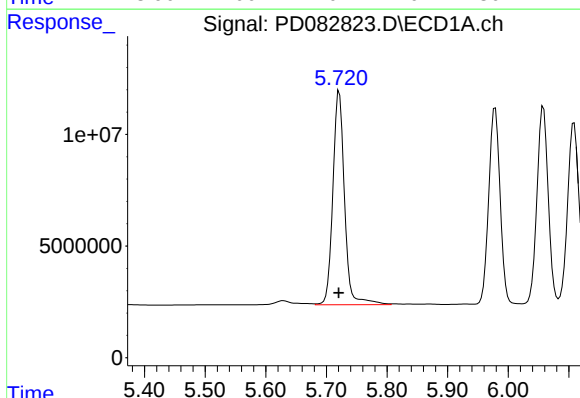
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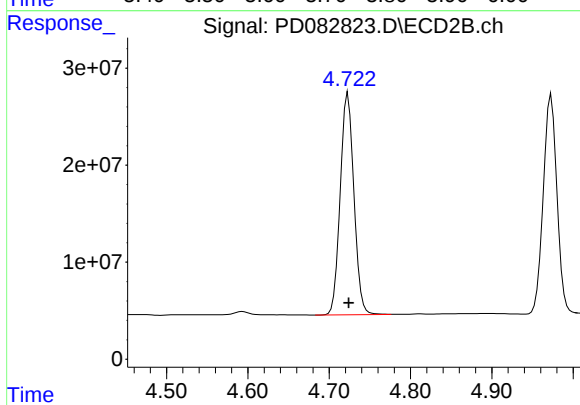
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 315346278
Conc: 54.48 ng/ml



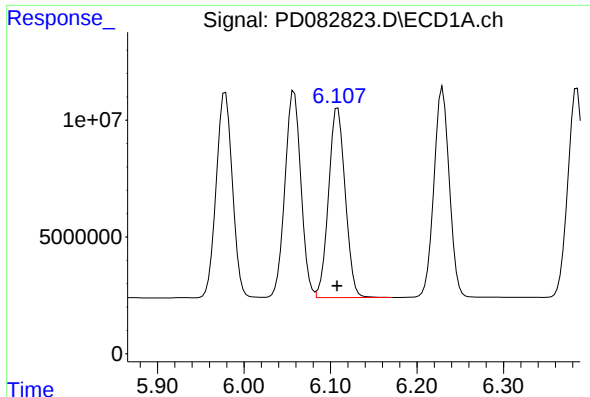
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 128262555
Conc: 54.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 266944796
Conc: 52.99 ng/ml



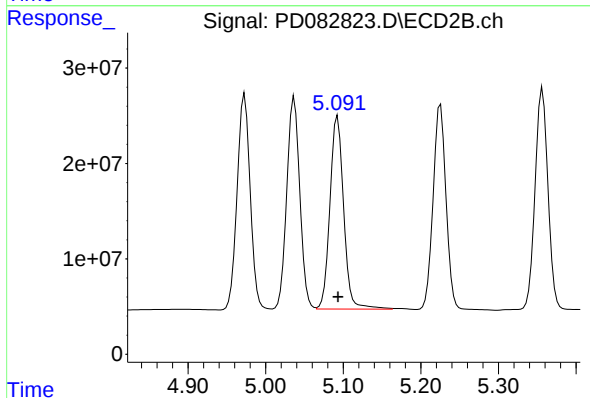
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 108580136
Conc: 50.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

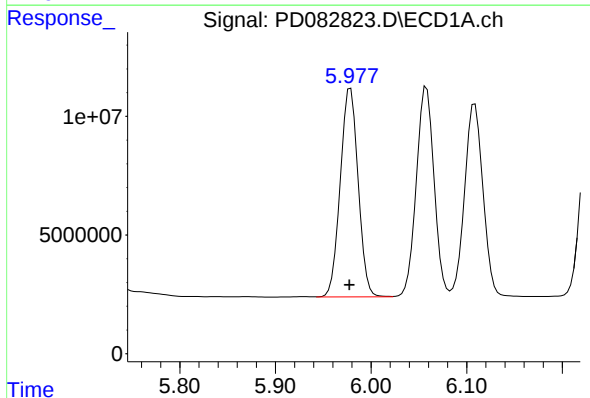
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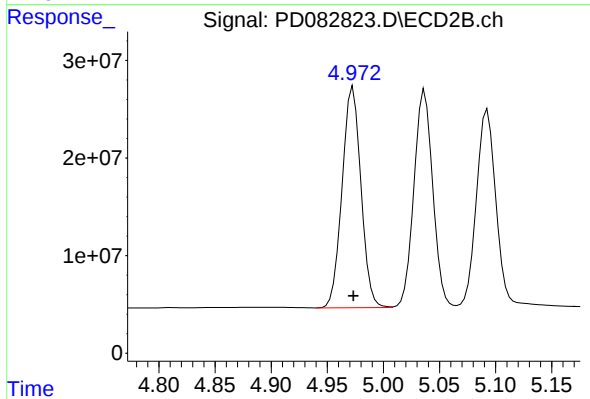
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.002 min
Response: 248707546
Conc: 53.92 ng/ml m



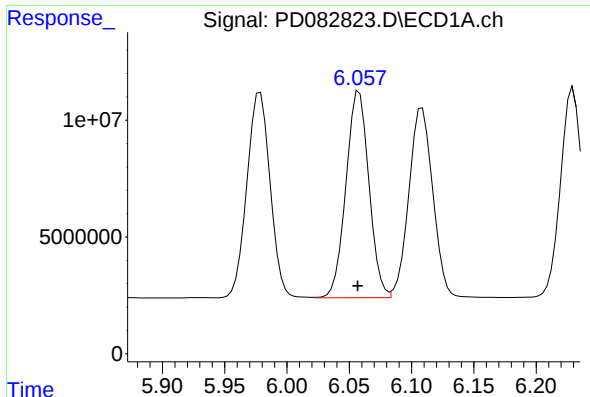
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.001 min
Response: 114562958
Conc: 50.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 264712978
Conc: 52.96 ng/ml



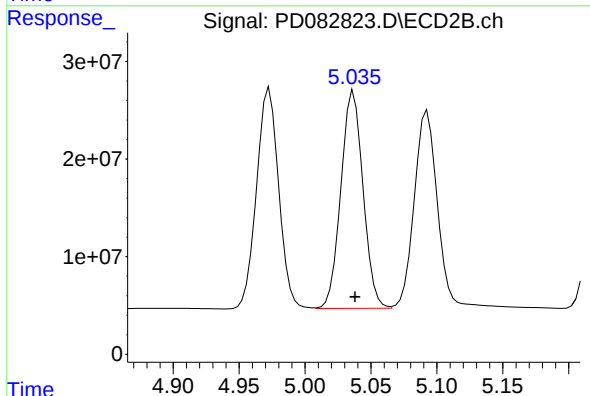
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 113963365
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

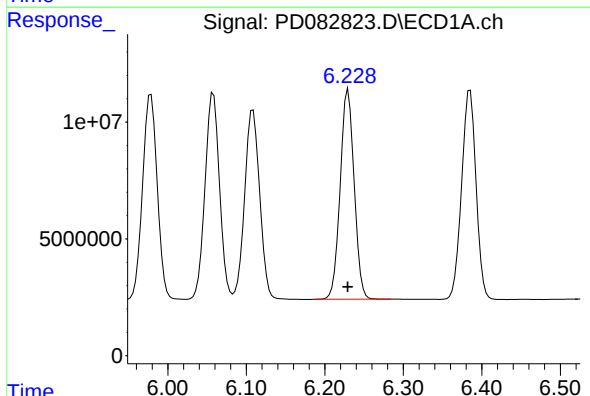
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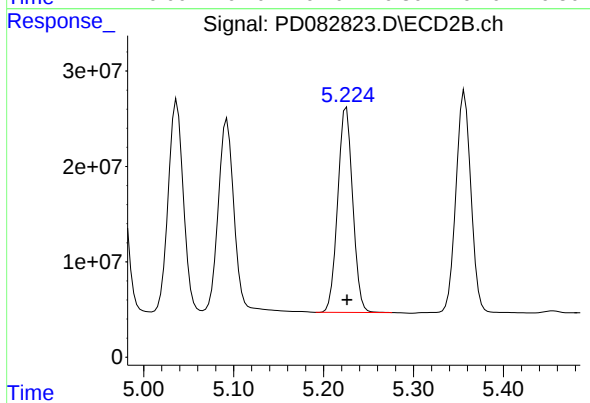
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 260410570
Conc: 52.44 ng/ml



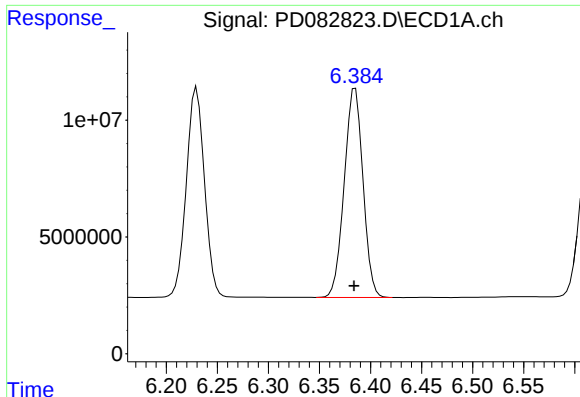
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 111199814
Conc: 50.83 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 248656739
Conc: 53.27 ng/ml



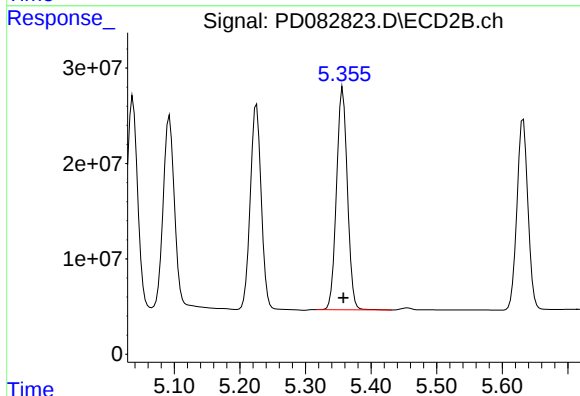
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 114451021
Conc: 51.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

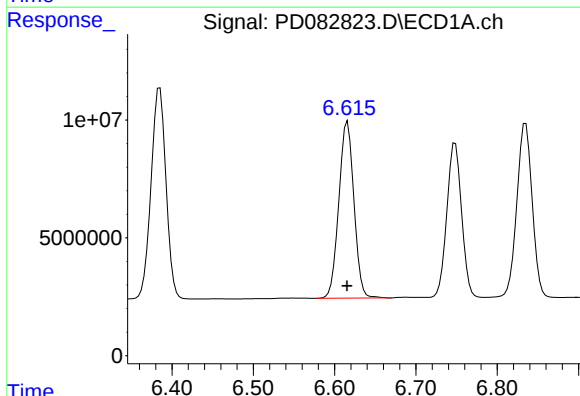
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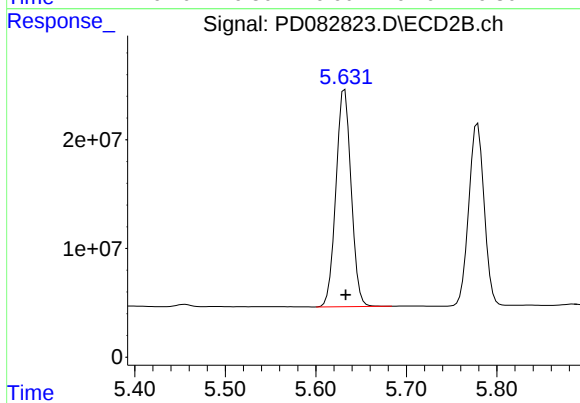
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 268557016
Conc: 53.43 ng/ml



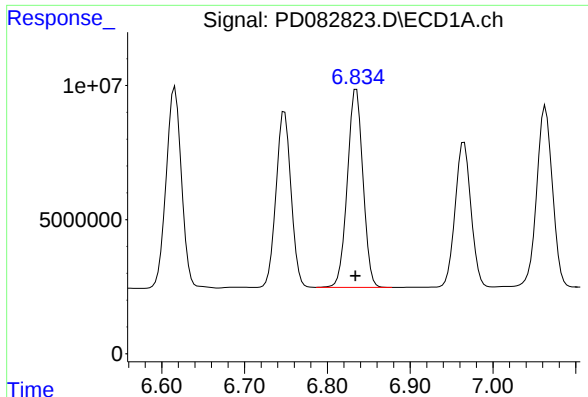
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 96535058
Conc: 51.31 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 232886577
Conc: 53.26 ng/ml



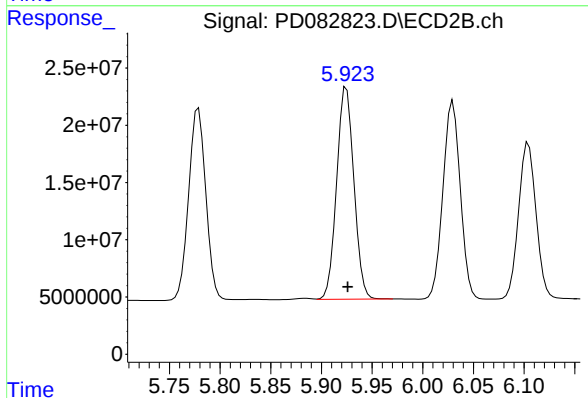
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 96797090
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

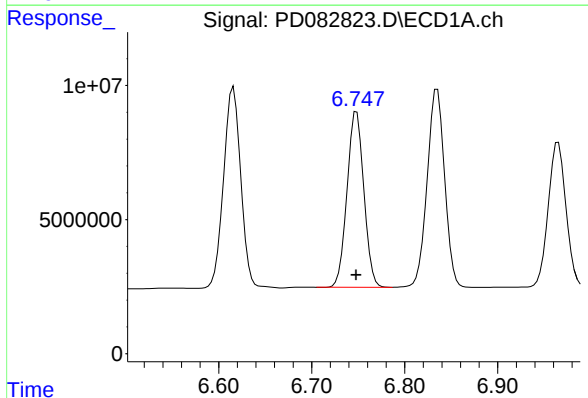
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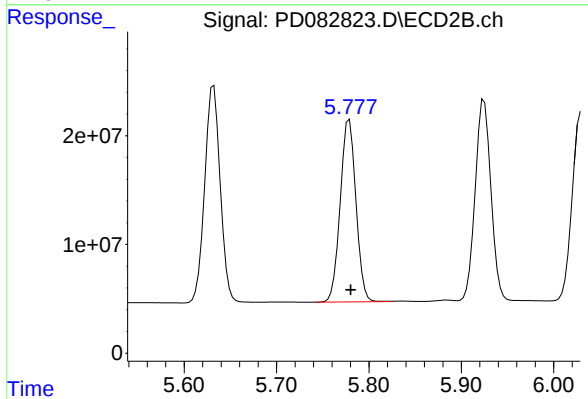
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 219647717
Conc: 52.60 ng/ml



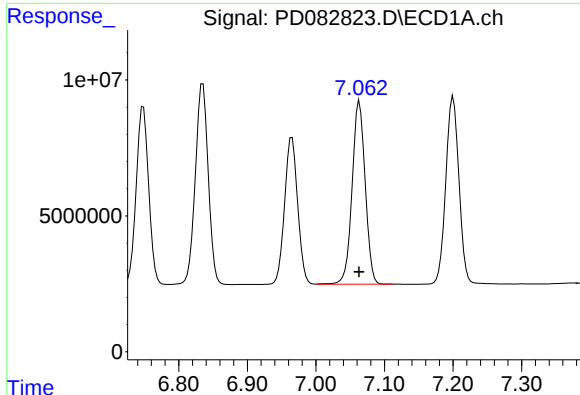
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 82298322
Conc: 51.45 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 198456139
Conc: 52.75 ng/ml



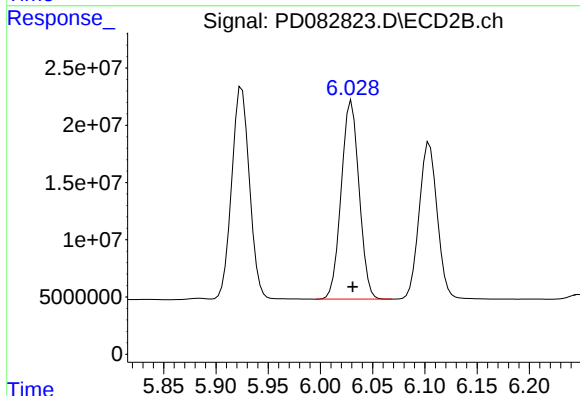
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 89641343
Conc: 53.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

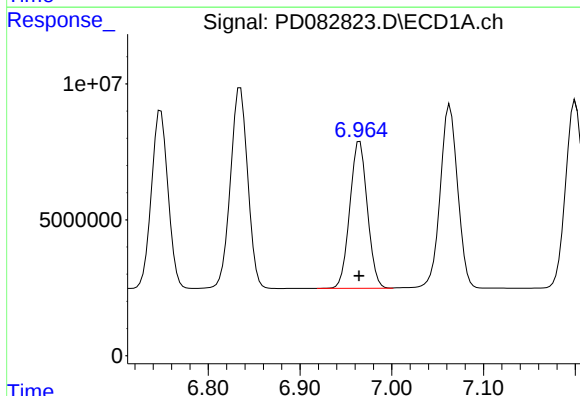
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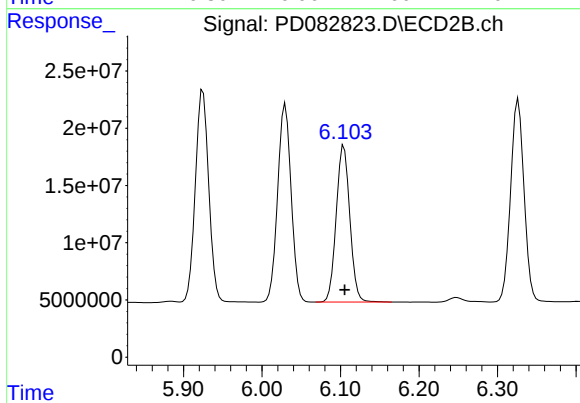
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 206188684
Conc: 53.77 ng/ml



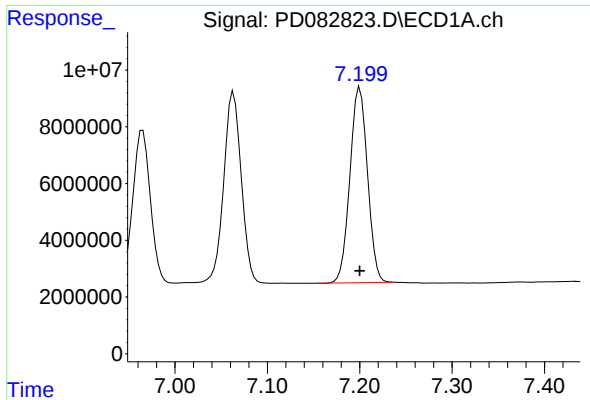
#18 Endrin aldehyde

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 71883793
Conc: 51.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 164992694
Conc: 52.85 ng/ml



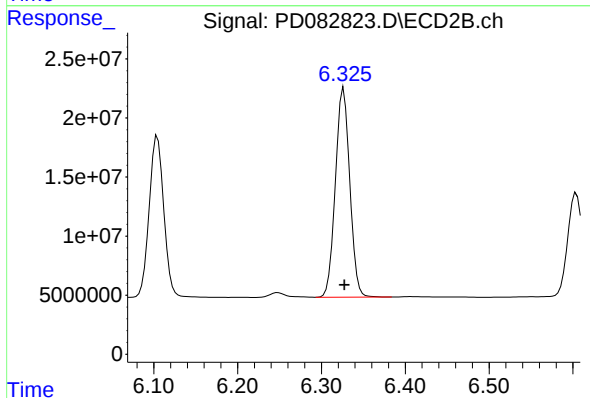
#19 Endosulfan Sulfate

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 91206264
Conc: 51.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

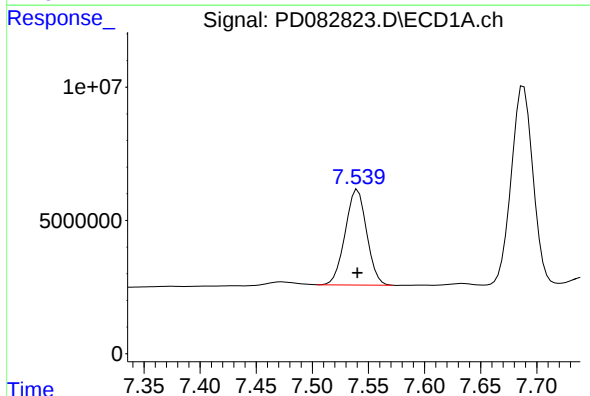
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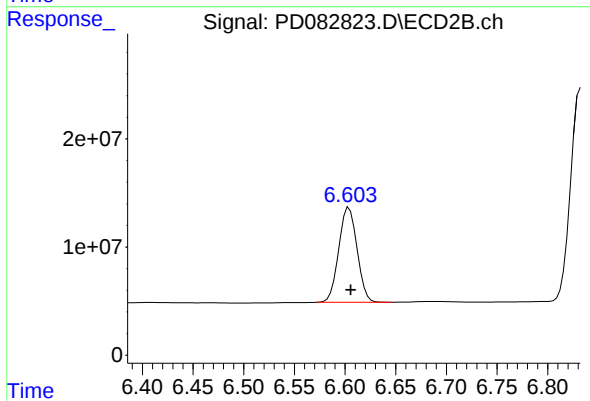
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 210939546
Conc: 52.90 ng/ml



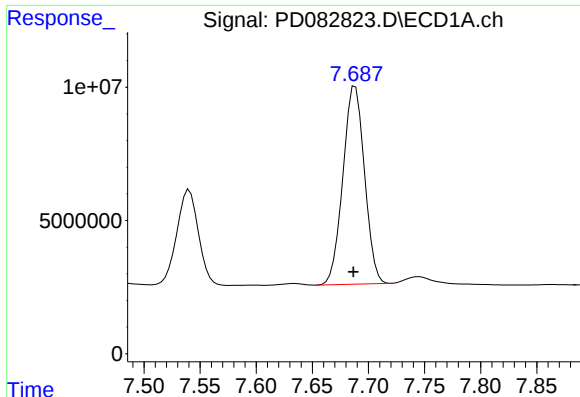
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: -0.001 min
Response: 47768864
Conc: 52.11 ng/ml m



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 110151704
Conc: 54.21 ng/ml



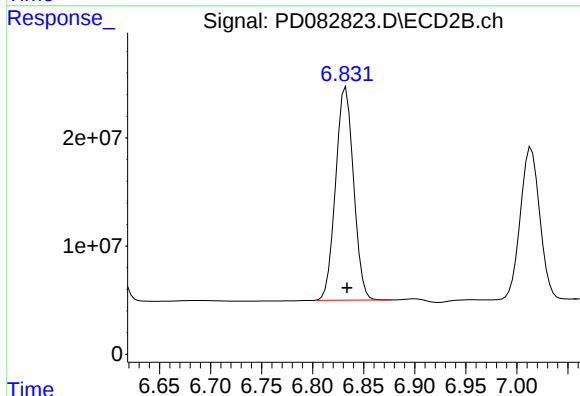
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.002 min
Response: 99469479
Conc: 51.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

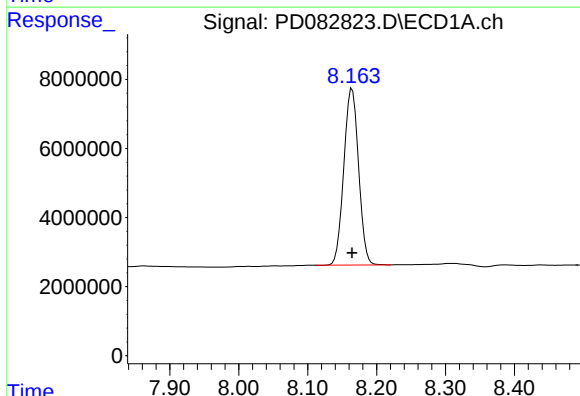
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2024
Supervised By :Ankita Jodhani 05/17/2024



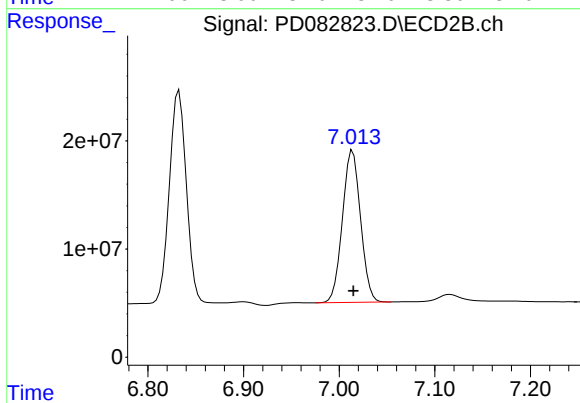
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 241658020
Conc: 53.16 ng/ml



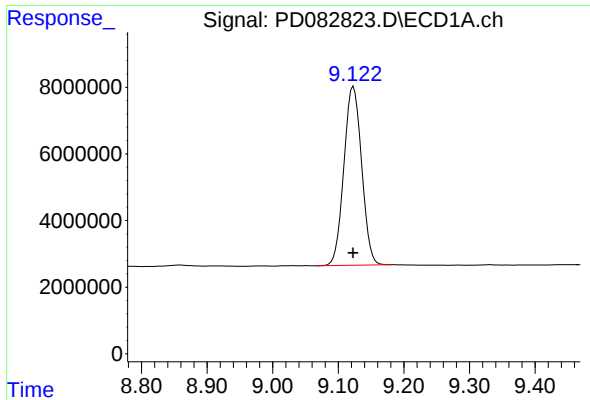
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 76126521
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 185892564
Conc: 52.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 101072064
Conc: 50.61 ng/ml

Instrument :

ECD_D

ClientSampleId :

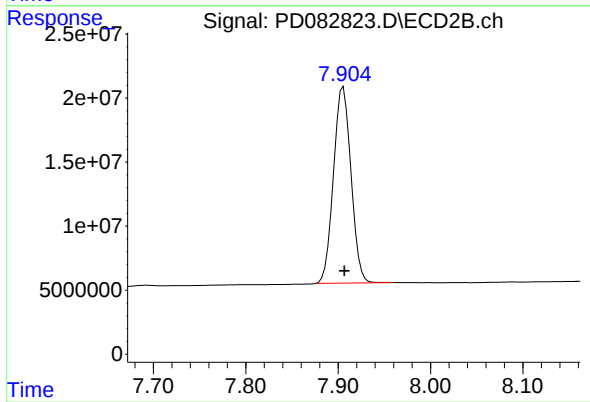
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.001 min
Response: 201672220
Conc: 52.17 ng/ml