

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2024 04:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2024
 Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 05:27:02 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...	3.566	2.778	82192744	223.3E6	53.090	56.351
28)	SA Decachlor...	9.120	7.903	100.9E6	202.5E6	50.513	52.389
Target Compounds							
2)	A alpha-BHC	4.023	3.277	147.4E6	351.6E6	53.818	56.360
3)	MA gamma-BHC...	4.357	3.605	143.4E6	332.7E6	54.255	56.293
4)	MA Heptachlor	4.949	3.943	136.2E6	308.8E6	53.988	55.788
5)	MB Aldrin	5.293	4.222	139.0E6	318.4E6	53.931	55.882
6)	B beta-BHC	4.552	3.900	56491956	133.8E6	53.939	56.016
7)	B delta-BHC	4.802	4.129	142.4E6	331.4E6	57.291	57.257
8)	B Heptachlo...	5.719	4.722	127.1E6	279.5E6	54.487	55.486
9)	A Endosulfan I	6.107	5.092	110.7E6	248.9E6	51.275	53.956
10)	B gamma-Chl...	5.975	4.972	117.2E6	275.8E6	51.741m	55.173
11)	B alpha-Chl...	6.056	5.036	116.5E6	271.8E6	51.511	54.731
12)	B 4,4'-DDE	6.227	5.224	111.6E6	260.9E6	50.992	55.888
13)	MA Dieldrin	6.383	5.355	114.2E6	277.4E6	51.066	55.199
14)	MA Endrin	6.614	5.631	92981691	233.9E6	49.418	53.486
15)	B Endosulfa...	6.833	5.924	95026250	230.1E6	47.630	55.094
16)	A 4,4'-DDD	6.746	5.778	81632836	214.4E6	51.034	56.979
17)	MA 4,4'-DDT	7.062	6.028	81645808	209.5E6	48.366	54.633
18)	B Endrin al...	6.963	6.104	72962354	180.3E6	52.111	57.740
19)	B Endosulfa...	7.198	6.325	88815481	219.3E6	50.336	55.010
20)	A Methoxychlor	7.538	6.603	46392106	108.8E6	50.610	53.565
21)	B Endrin ke...	7.685	6.831	101.9E6	252.4E6	53.022	55.514
22)	Mirex	8.162	7.012	77422428	191.0E6	50.512	53.447

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
Data File : PD082905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2024 04:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

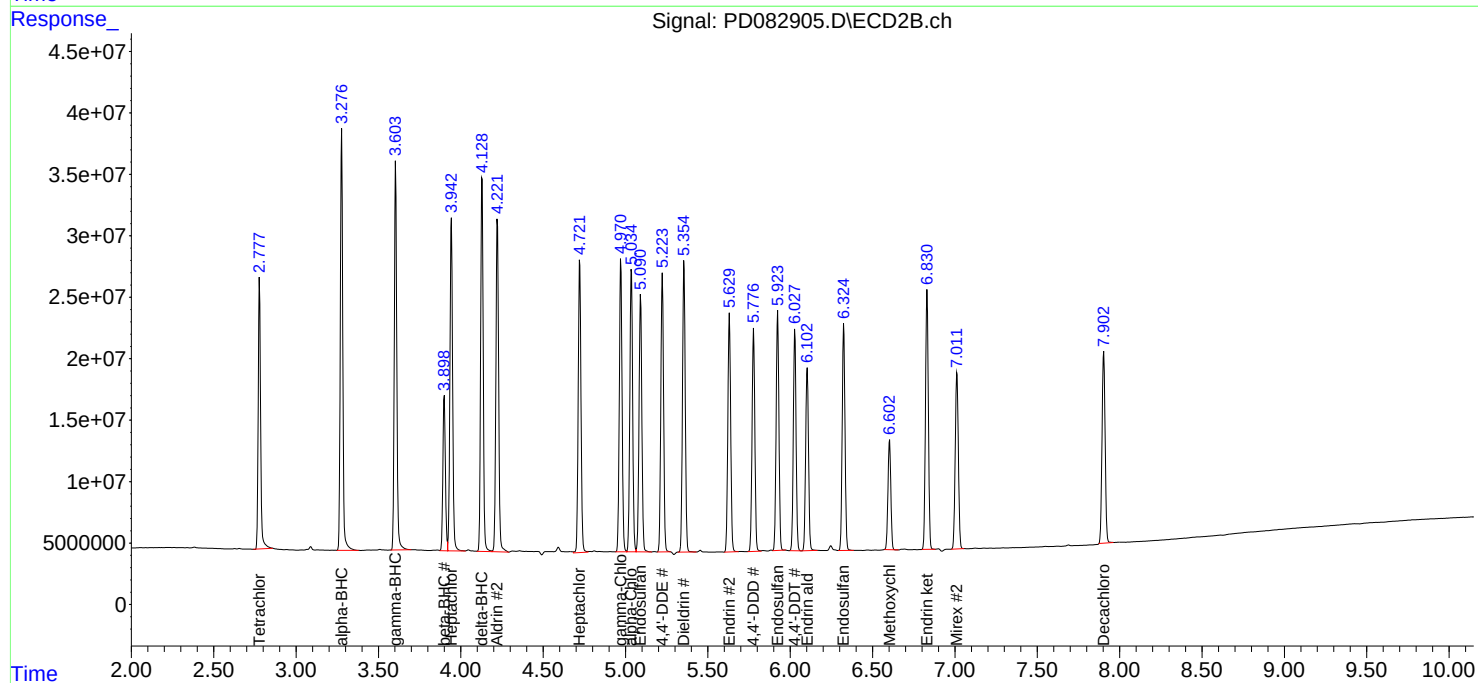
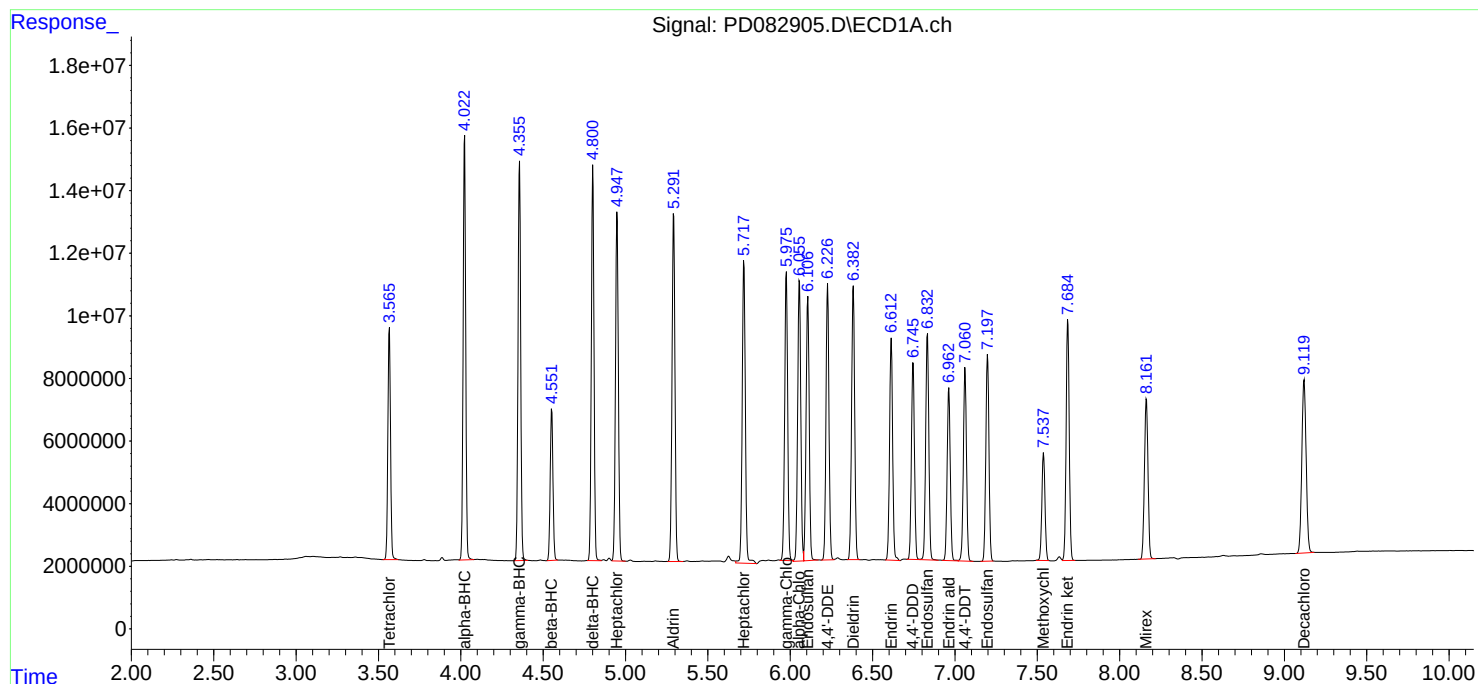
APPROVED

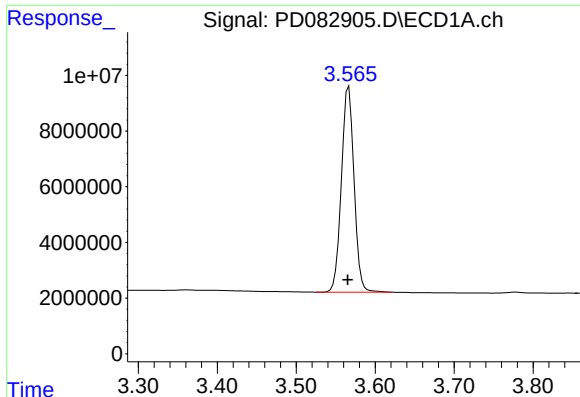
Reviewed By :Abdul Mirza 05/20/2024

Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 05:27:02 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





#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.001 min
Response: 82192744
Conc: 53.09 ng/ml

Instrument :

ECD_D

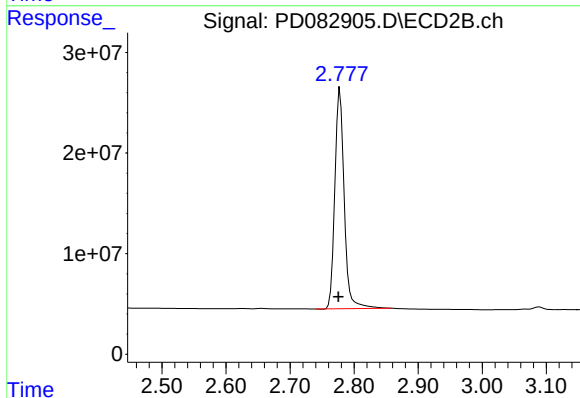
ClientSampleId :

PSTDCCC050

Manual Integrations

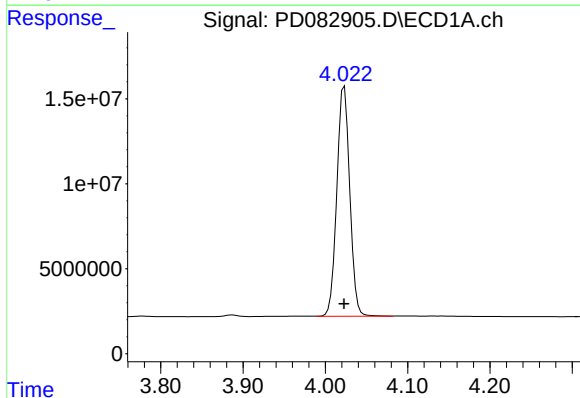
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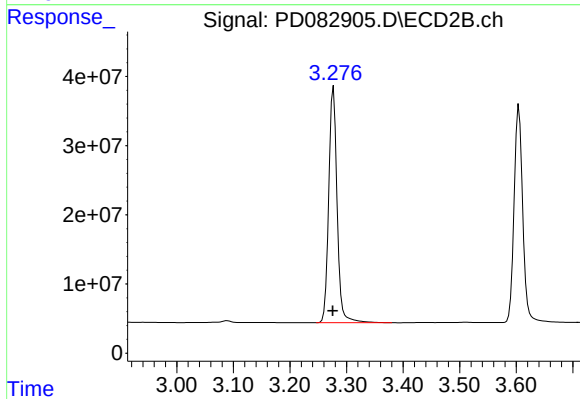
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 223332437
Conc: 56.35 ng/ml



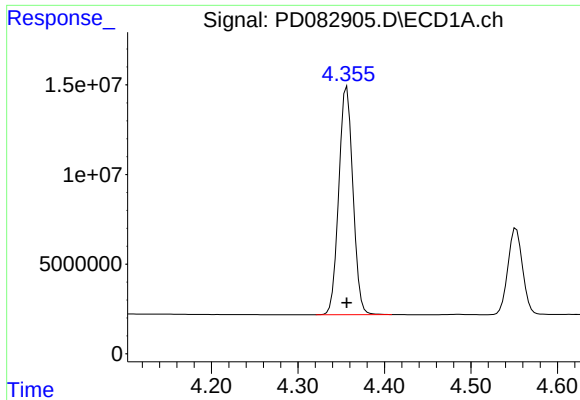
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 147415725
Conc: 53.82 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.002 min
Response: 351576815
Conc: 56.36 ng/ml



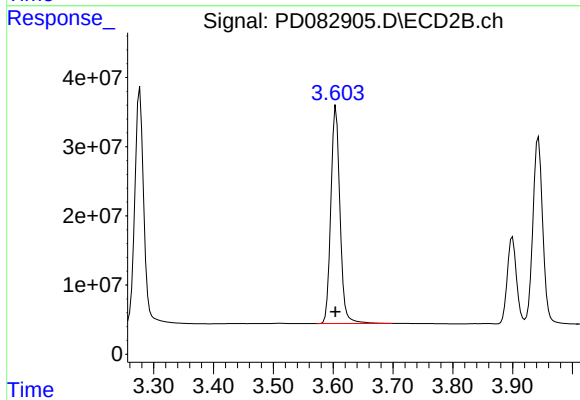
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 143407151
Conc: 54.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

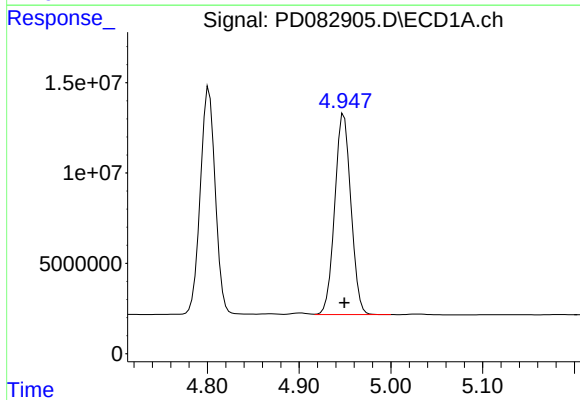
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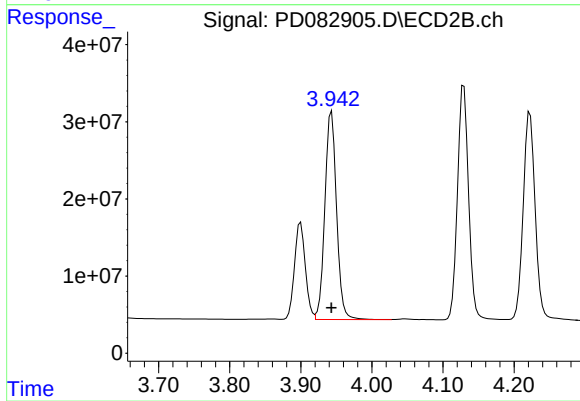
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 332695106
Conc: 56.29 ng/ml



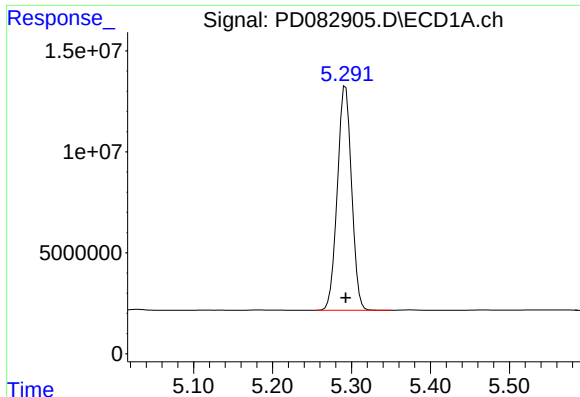
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 136161759
Conc: 53.99 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 308800799
Conc: 55.79 ng/ml



#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 138972973
Conc: 53.93 ng/ml

Instrument :

ECD_D

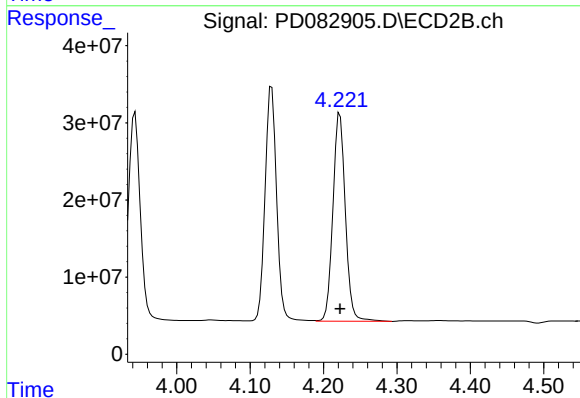
ClientSampleId :

PSTDCCC050

Manual Integrations

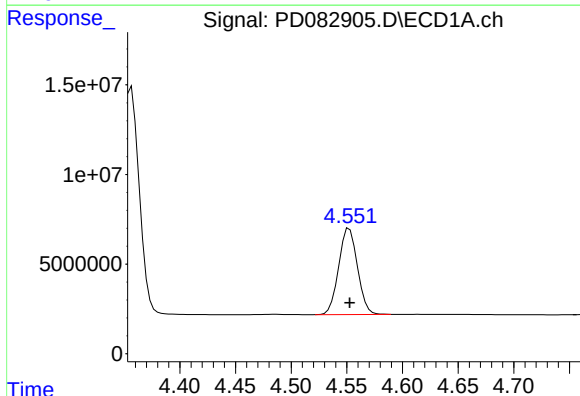
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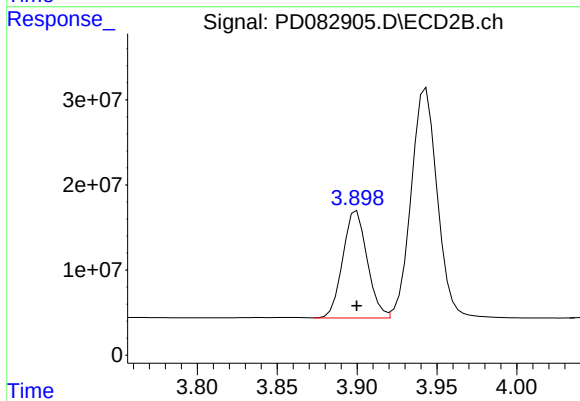
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 318443211
Conc: 55.88 ng/ml



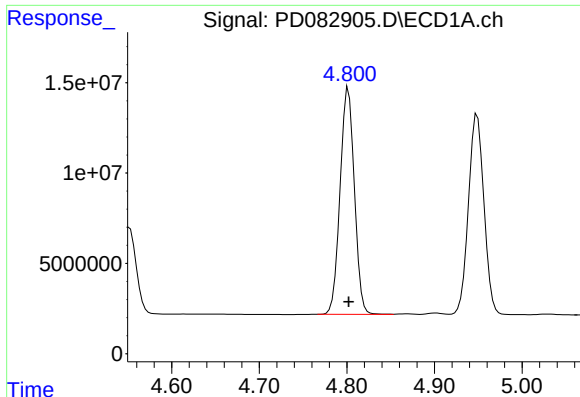
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 56491956
Conc: 53.94 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 133771475
Conc: 56.02 ng/ml



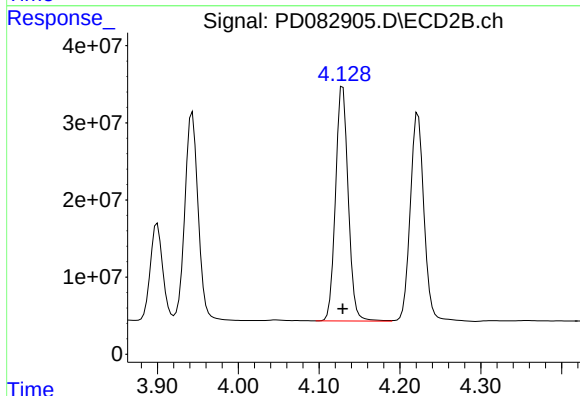
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 142353067
Conc: 57.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

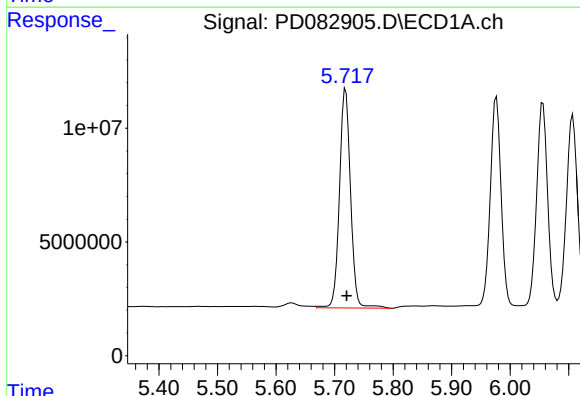
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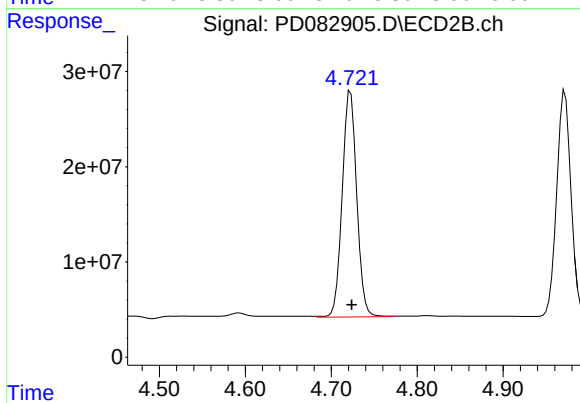
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 331423428
Conc: 57.26 ng/ml



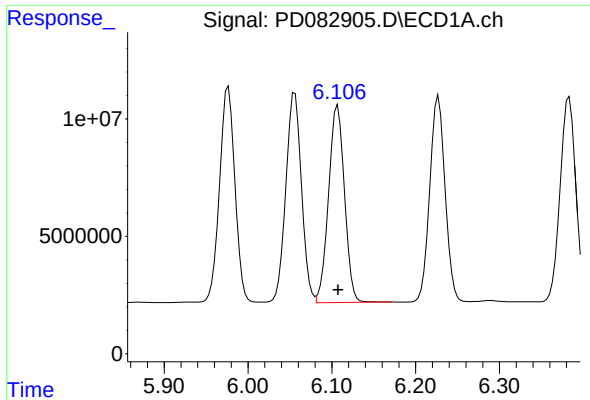
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 127090308
Conc: 54.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 279513976
Conc: 55.49 ng/ml



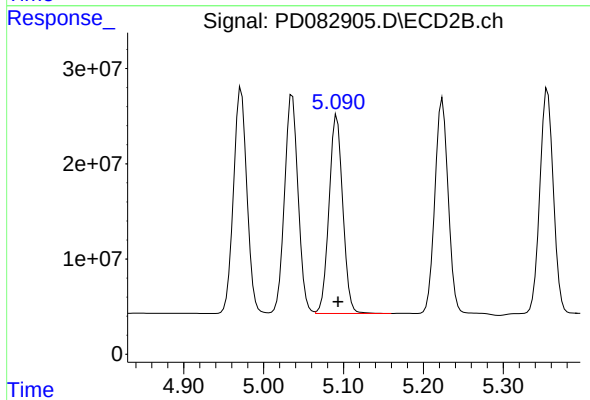
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 110723407
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

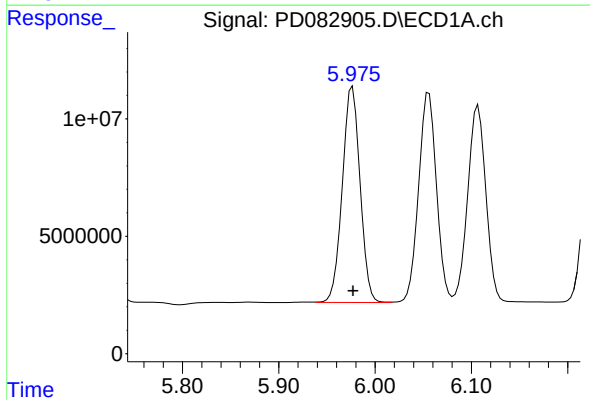
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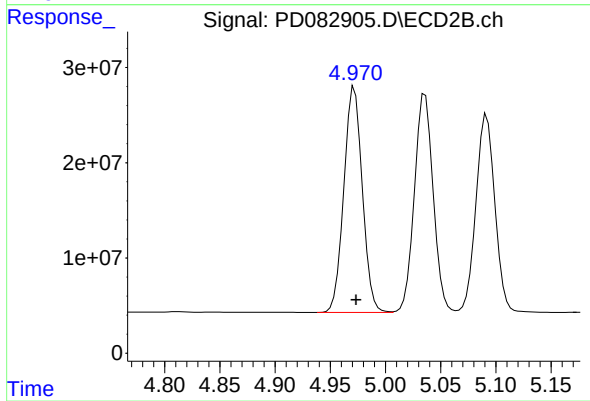
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 248868321
Conc: 53.96 ng/ml



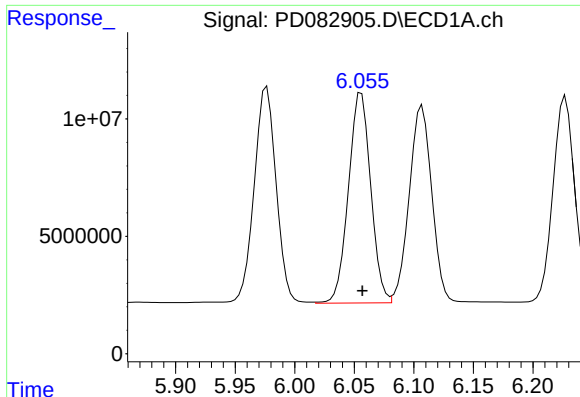
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 117187448
Conc: 51.74 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 275801087
Conc: 55.17 ng/ml



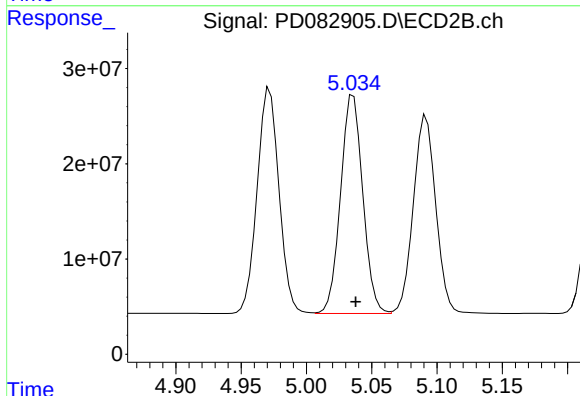
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 116532621
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

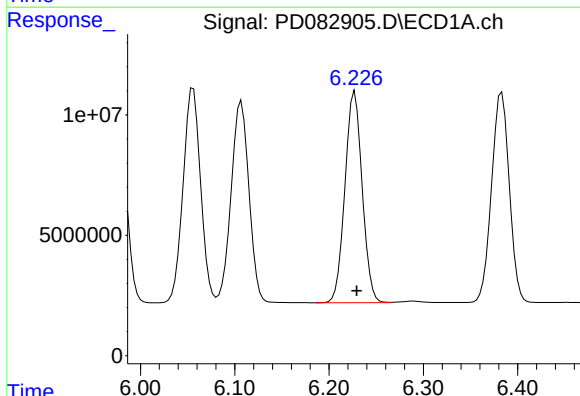
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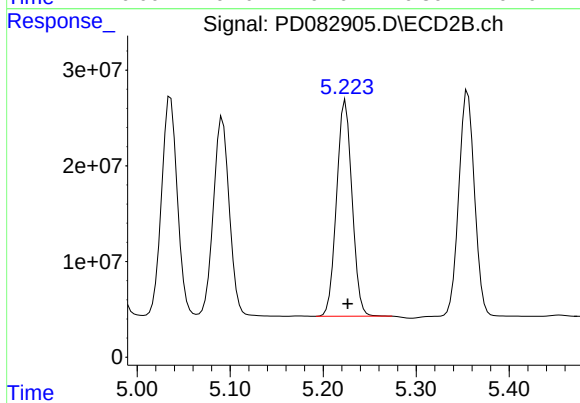
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 271793755
Conc: 54.73 ng/ml



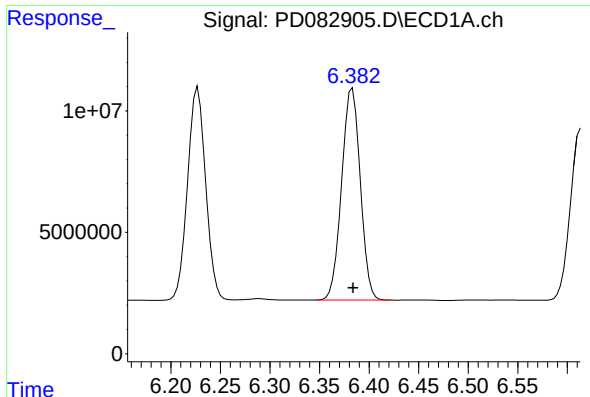
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.002 min
Response: 111564308
Conc: 50.99 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 260878467
Conc: 55.89 ng/ml



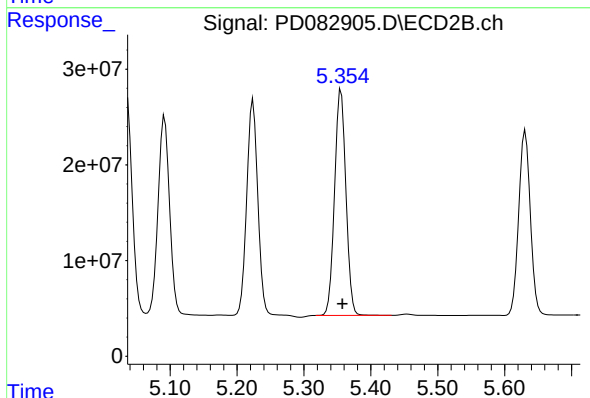
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 114202535
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

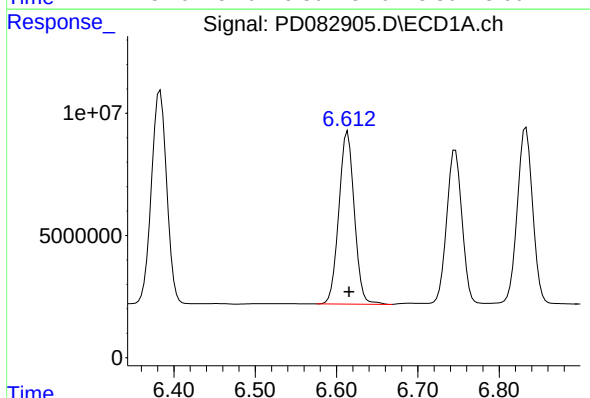
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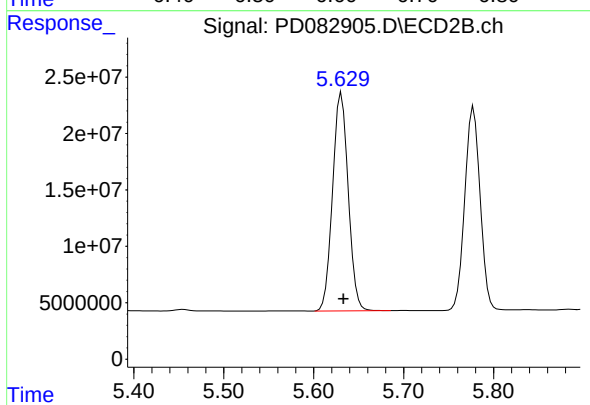
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 277431620
Conc: 55.20 ng/ml



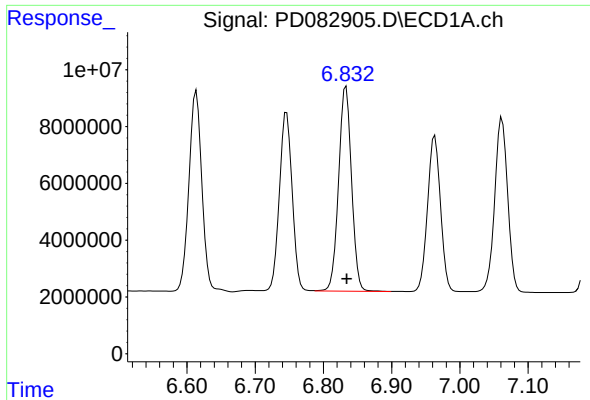
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 92981691
Conc: 49.42 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 233883990
Conc: 53.49 ng/ml



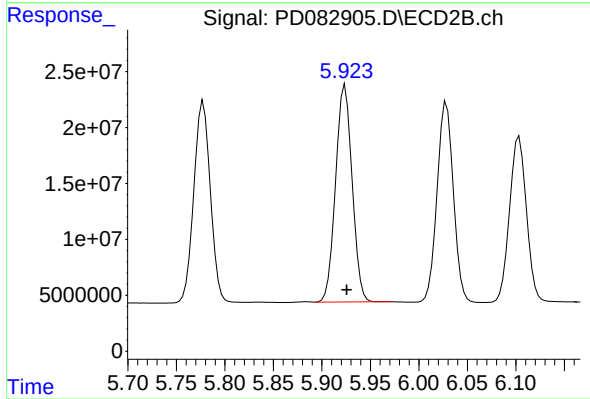
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 95026250
Conc: 47.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

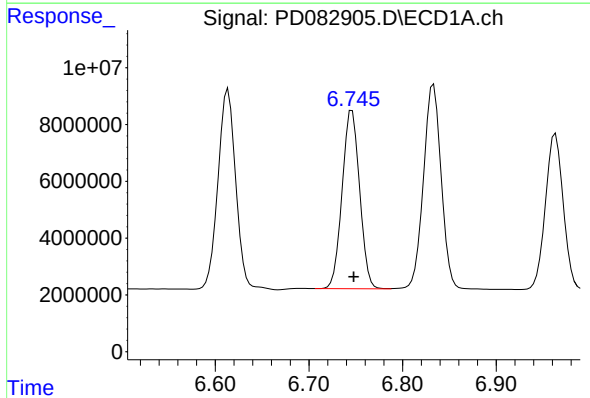
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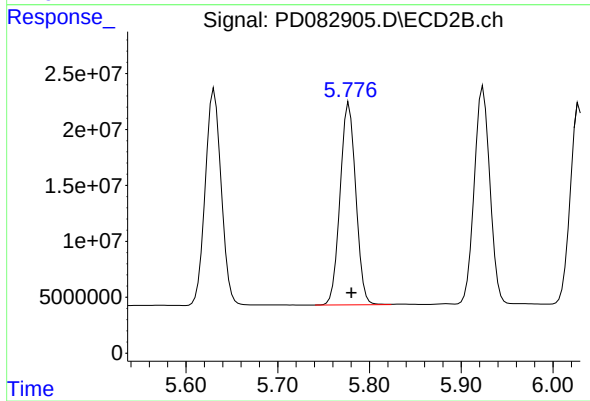
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 230072593
Conc: 55.09 ng/ml



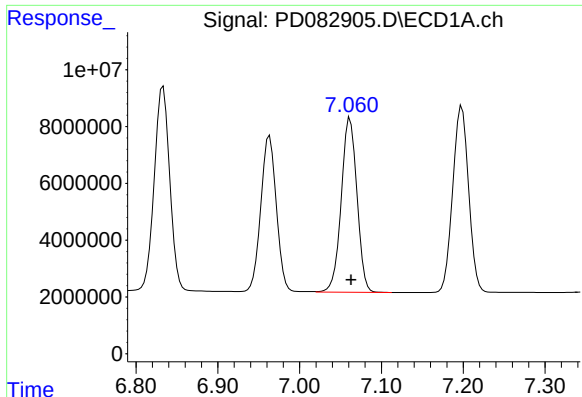
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 81632836
Conc: 51.03 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 214359191
Conc: 56.98 ng/ml



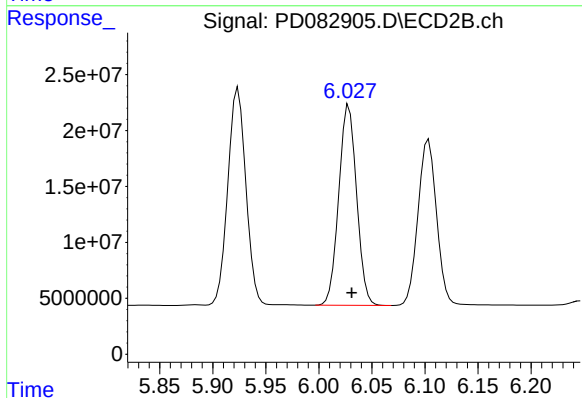
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 81645808
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

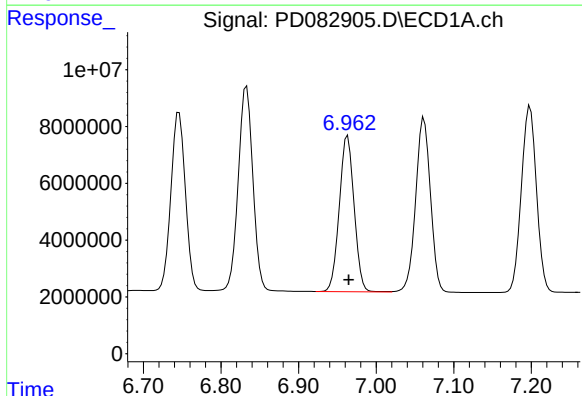
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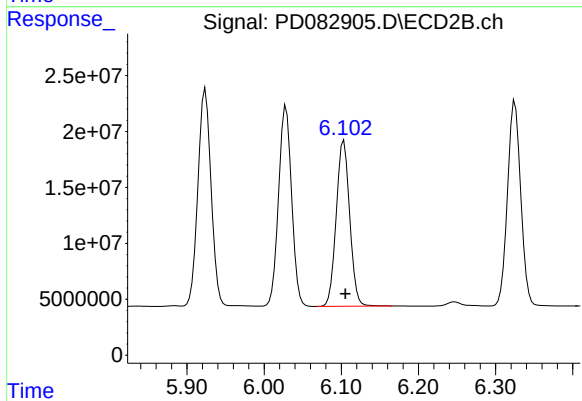
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 209499831
Conc: 54.63 ng/ml



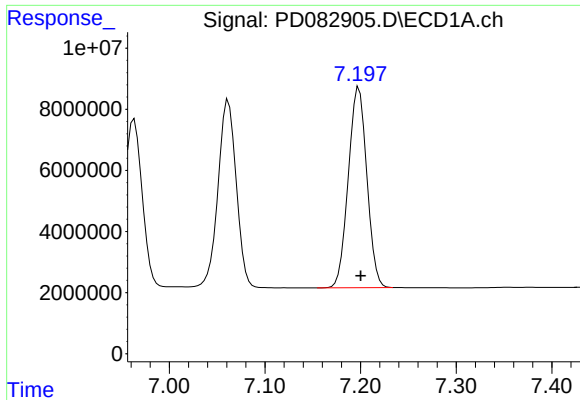
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 72962354
Conc: 52.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 180264312
Conc: 57.74 ng/ml



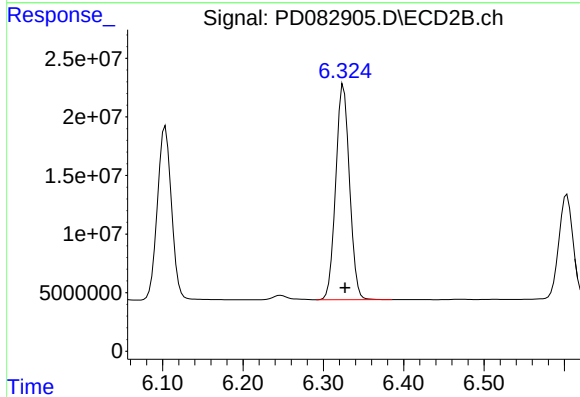
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 88815481
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

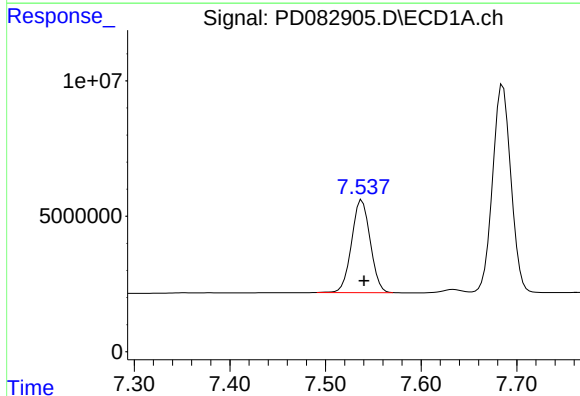
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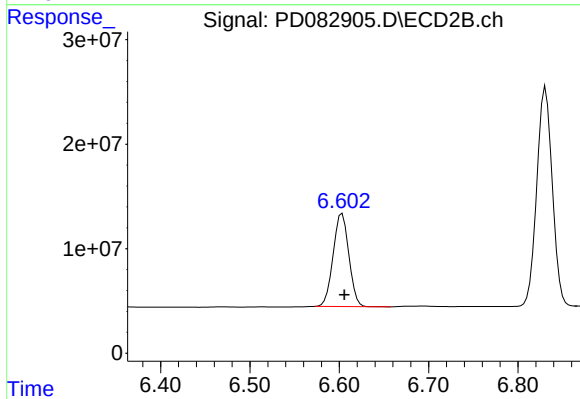
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 219341192
Conc: 55.01 ng/ml



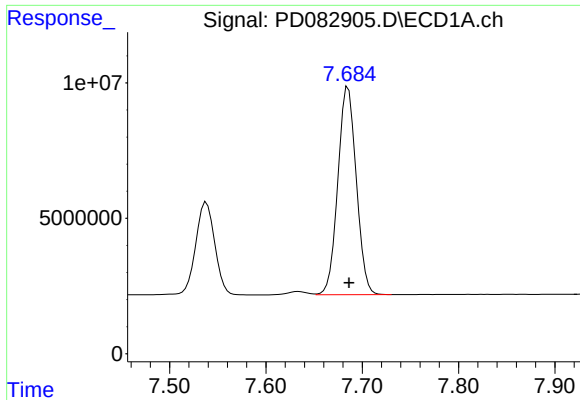
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 46392106
Conc: 50.61 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 108840551
Conc: 53.56 ng/ml



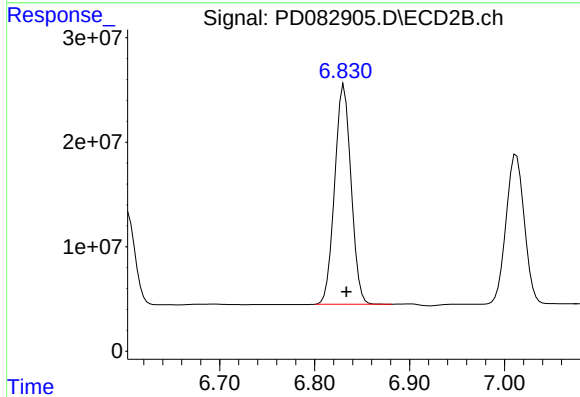
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: -0.001 min
Response: 101911886
Conc: 53.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

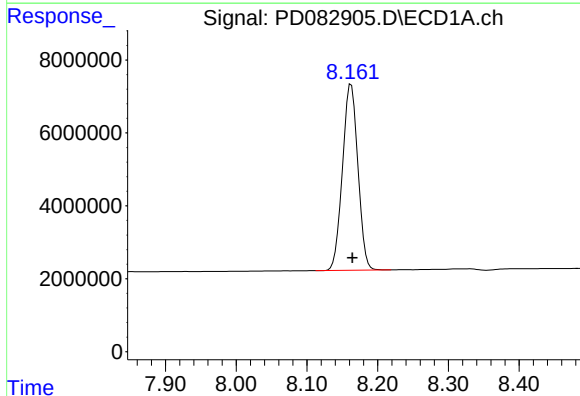
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Reviewed By :Abdul Mirza 05/20/2024
Supervised By :Ankita Jodhani 05/20/2024



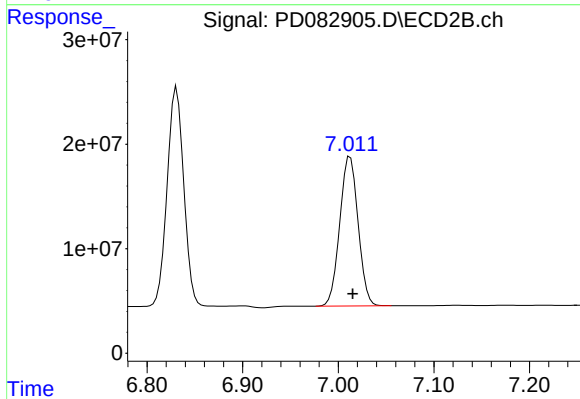
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 252360090
Conc: 55.51 ng/ml



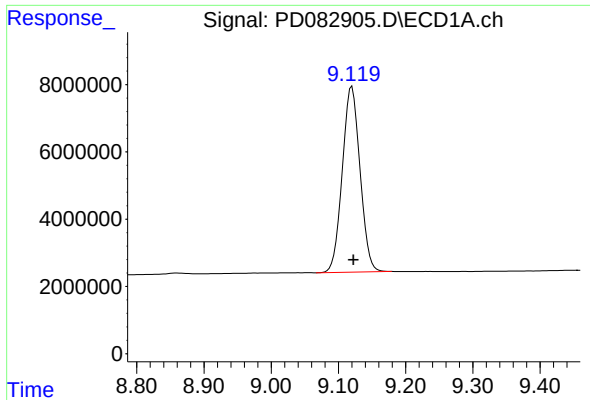
#22 Mirex

R.T.: 8.162 min
Delta R.T.: -0.002 min
Response: 77422428
Conc: 50.51 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 190952176
Conc: 53.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 100869718
Conc: 50.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

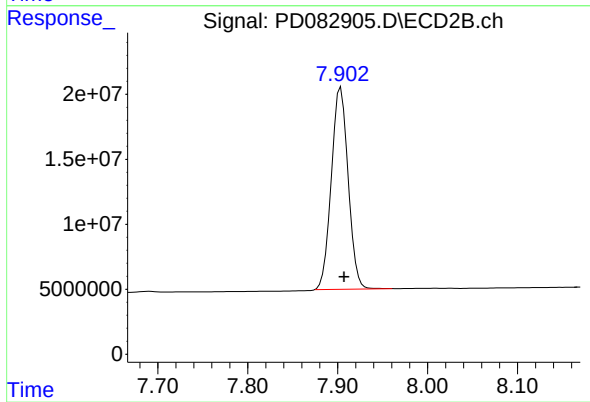
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/20/2024

Supervised By :Ankita Jodhani 05/20/2024



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 202503168
Conc: 52.39 ng/ml