

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
 Data File : PD076319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2023 15:47
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICPD070423

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2023
 Supervised By : Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 01:31:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 01:27:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.545	2.765	165.2E6	79608742	50.411	50.115
28)	SA Decachlor...	9.082	7.907	175.8E6	62607091	49.454	49.747
Target Compounds							
2)	A alpha-BHC	4.001	3.267	300.7E6	123.8E6	51.925	51.398
3)	MA gamma-BHC...	4.334	3.597	272.7E6	114.1E6	52.083	51.253
4)	MA Heptachlor	4.926	3.937	284.4E6	116.5E6	51.717	51.287
5)	MB Aldrin	5.269	4.217	276.1E6	112.5E6	51.650	50.771
6)	B beta-BHC	4.531	3.894	106.6E6	44481557	50.846	50.018
7)	B delta-BHC	4.779	4.123	265.7E6	108.1E6	51.688	51.433
8)	B Heptachlo...	5.695	4.719	243.6E6	100.9E6	50.563	50.482
9)	A Endosulfan I	6.083	5.089	228.1E6	94899600	51.140	50.676
10)	B gamma-Chl...	5.952	4.970	248.7E6	100.7E6	51.138	50.574
11)	B alpha-Chl...	6.031	5.033	245.4E6	100.2E6	51.074	50.413
12)	B 4,4'-DDE	6.204	5.222	220.3E6	78834270	51.904	51.289
13)	MA Dieldrin	6.358	5.354	241.8E6	100.6E6	51.681	51.055
14)	MA Endrin	6.588	5.629	204.9E6	89829188	51.459	50.892
15)	B Endosulfa...	6.807	5.924	190.3E6	78704871	51.249	50.722
16)	A 4,4'-DDD	6.721	5.777	174.0E6	62212402	51.803	51.475
17)	MA 4,4'-DDT	7.036	6.028	185.4E6	65234583	52.740	53.900
18)	B Endrin al...	6.936	6.102	136.8E6	57634515	49.916m	50.431
19)	B Endosulfa...	7.173	6.326	187.8E6	77159954	50.819	50.782
20)	A Methoxychlor	7.511	6.603	97888382	33788751	51.217	52.910
21)	B Endrin ke...	7.659	6.832	213.6E6	89800326	51.154	51.377
22)	Mirex	8.134	7.014	158.8E6	73747466	50.245	49.753

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
Data File : PD076319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jul 2023 15:47
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

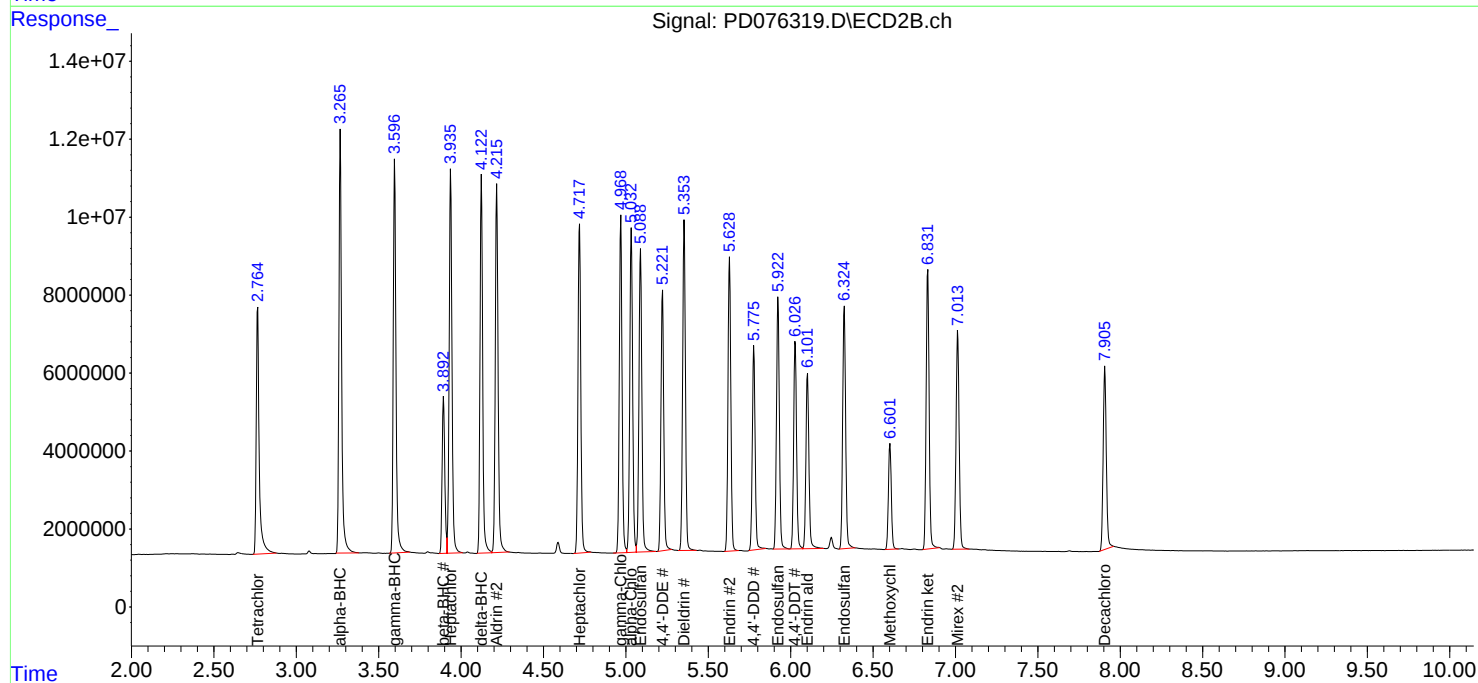
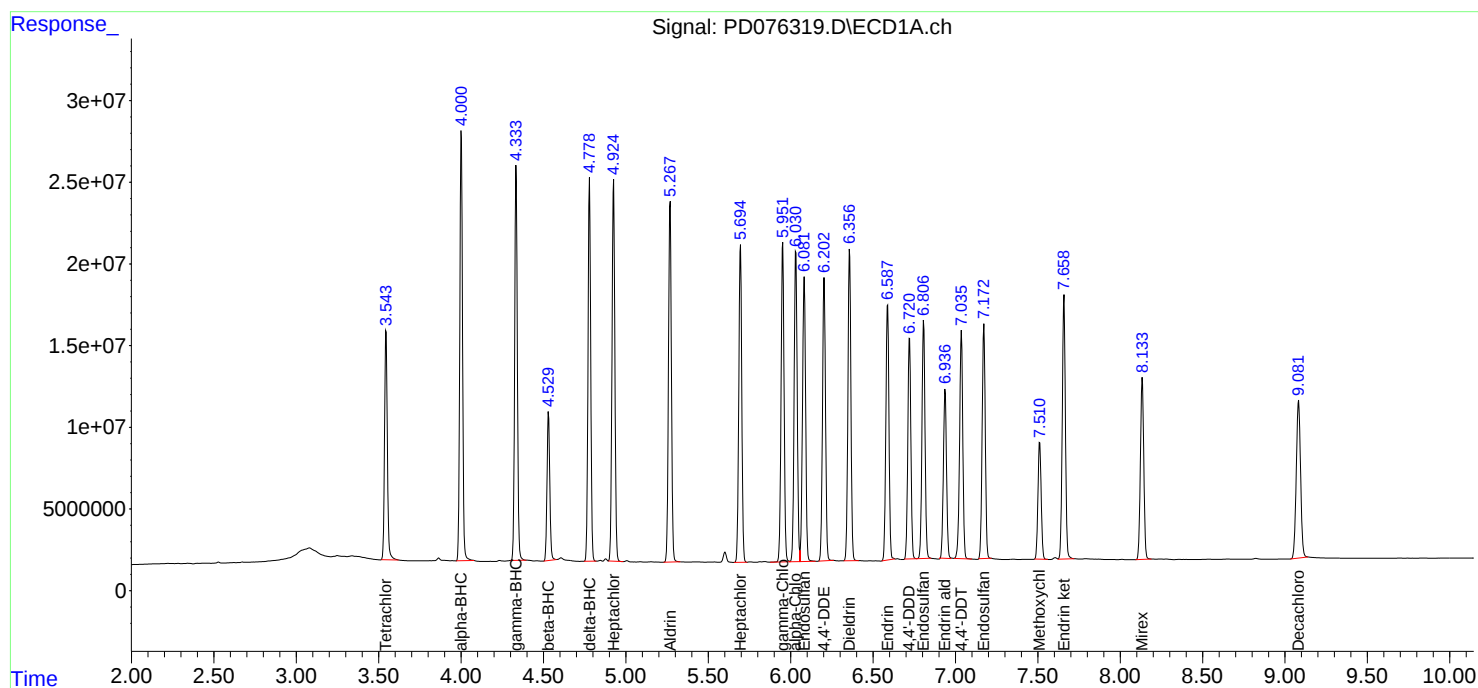
Instrument :
ECD_D
ClientSampleId :
ICVPD070423

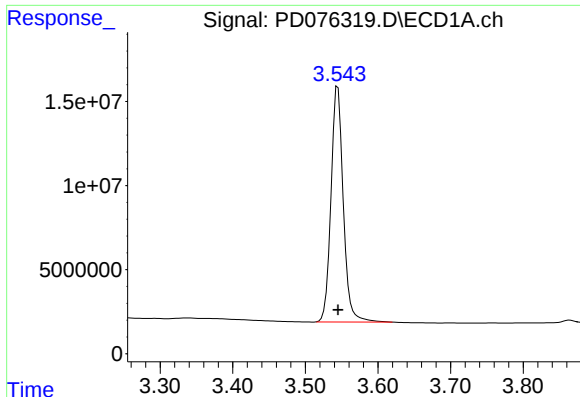
Manual Integrations
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Reviewed By :Abdul Mirza 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 05 01:31:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 01:27:04 2023
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Volume Inj. : 2 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.: 3.545 min
Delta R.T.: 0.000 min
Response: 165163566
Conc: 50.41 ng/ml

Instrument :

ECD_D

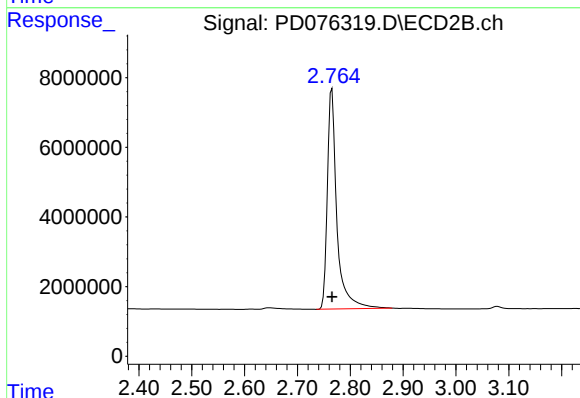
ClientSampleId :

ICVPD070423

Manual Integrations

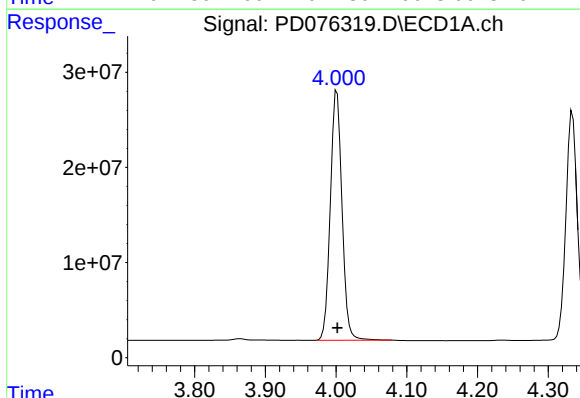
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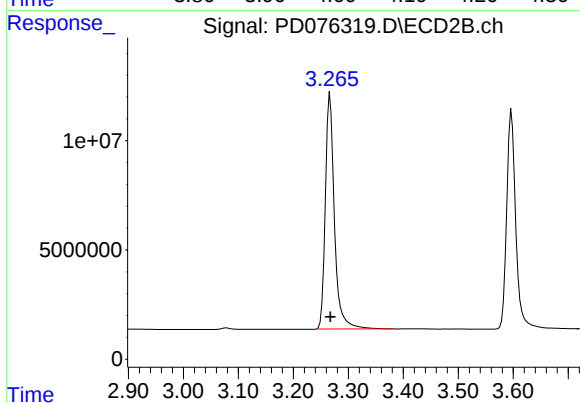
#1 Tetrachloro-m-xylene

R.T.: 2.765 min
Delta R.T.: 0.000 min
Response: 79608742
Conc: 50.11 ng/ml



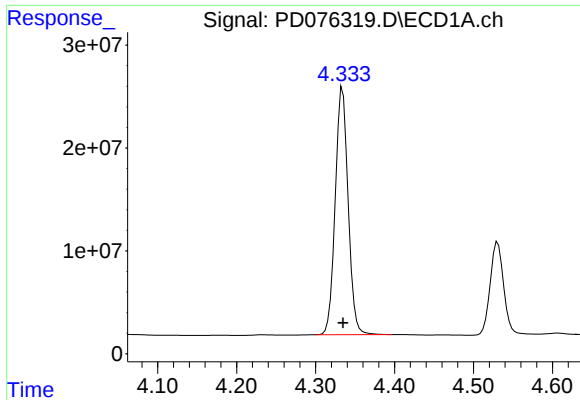
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 300748725
Conc: 51.92 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 123839454
Conc: 51.40 ng/ml



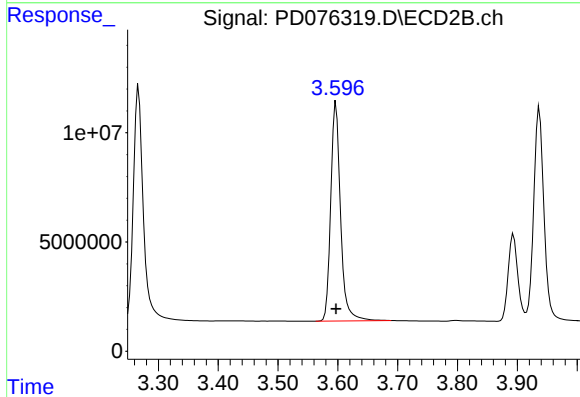
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 272683168
Conc: 52.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

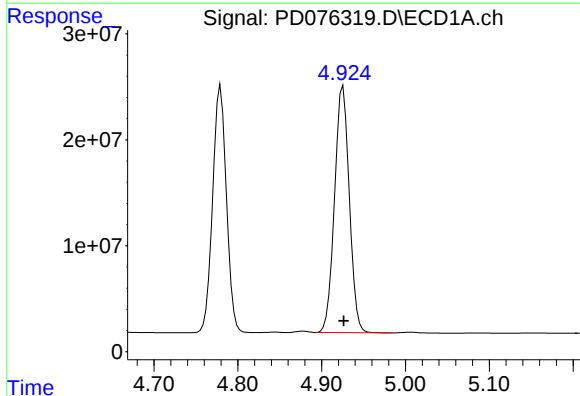
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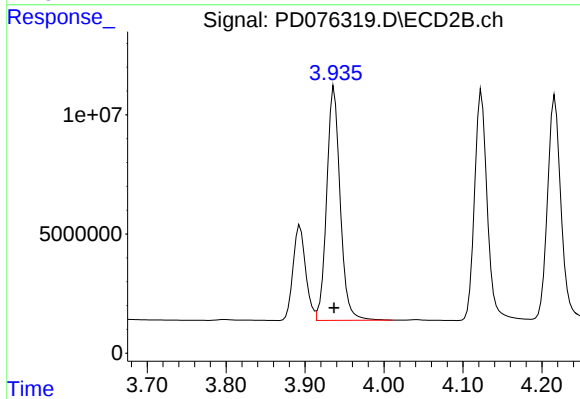
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 114104901
Conc: 51.25 ng/ml



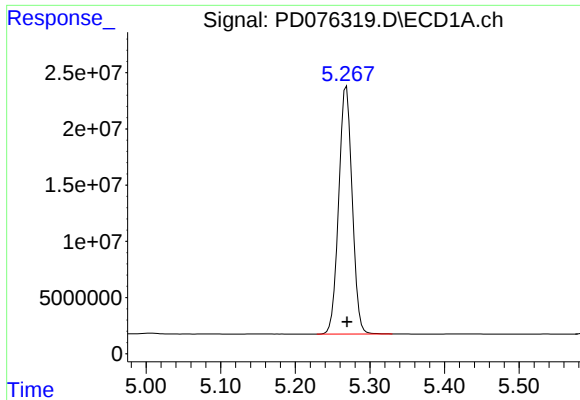
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 284449205
Conc: 51.72 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 116496691
Conc: 51.29 ng/ml



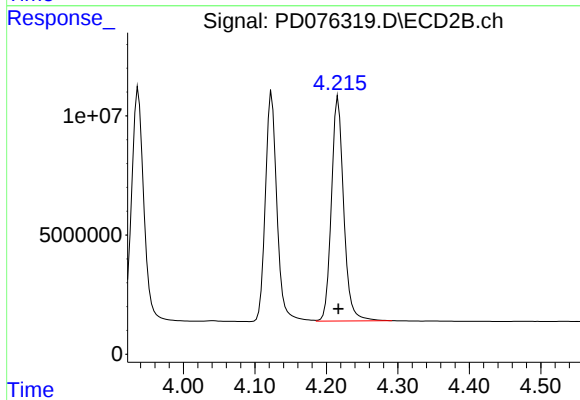
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 276140589
Conc: 51.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

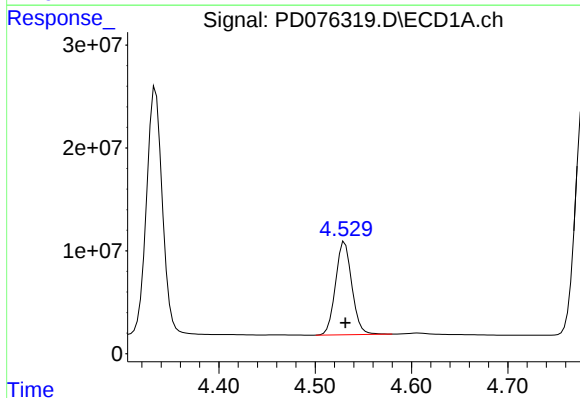
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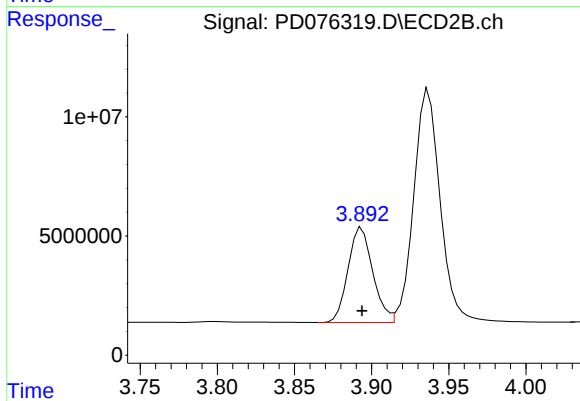
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 112525580
Conc: 50.77 ng/ml



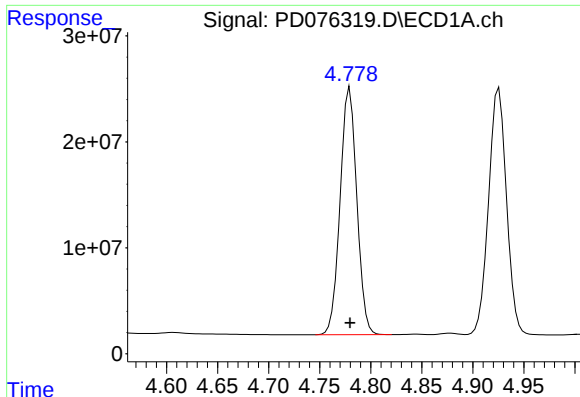
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 106575779
Conc: 50.85 ng/ml



#6 beta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 44481557
Conc: 50.02 ng/ml



#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 265663317
Conc: 51.69 ng/ml

Instrument :

ECD_D

ClientSampleId :

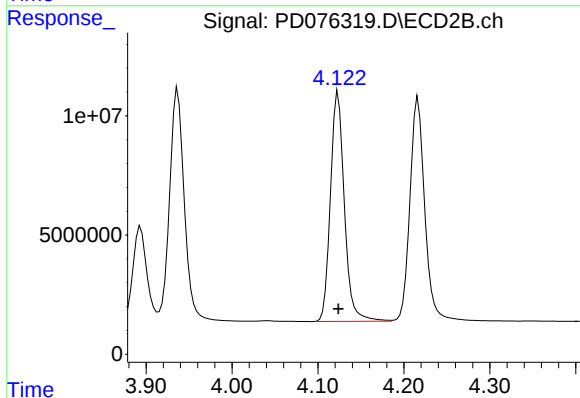
ICVPD070423

Manual Integrations

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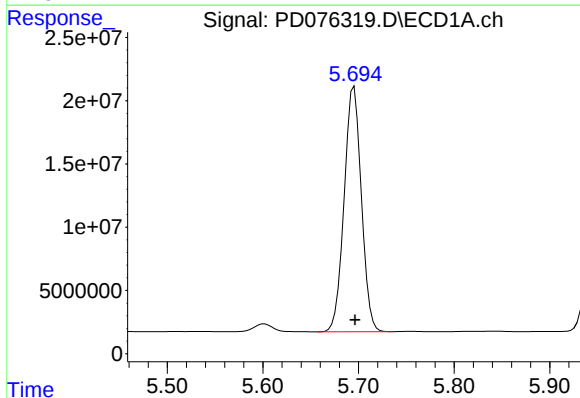
Reviewed By :Abdul Mirza 07/05/2023

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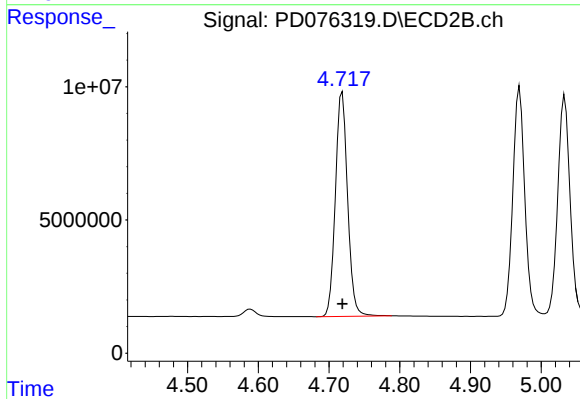
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 108145468
Conc: 51.43 ng/ml



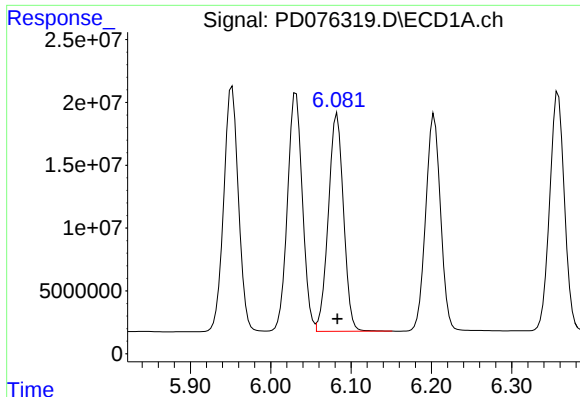
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 243629316
Conc: 50.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 100925339
Conc: 50.48 ng/ml



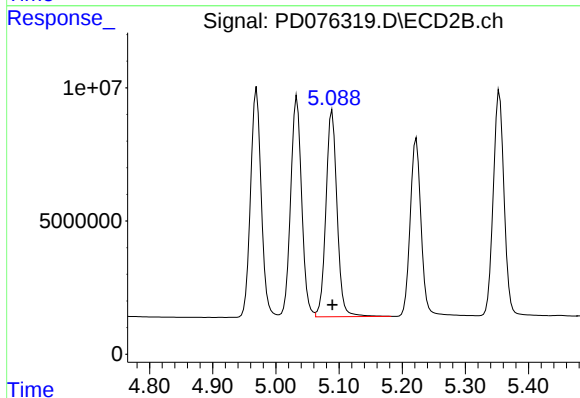
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 228136888
Conc: 51.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

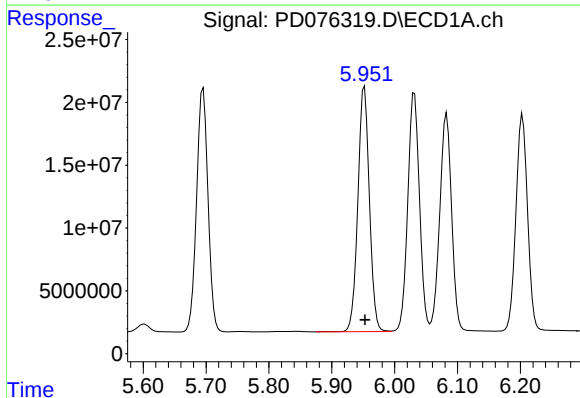
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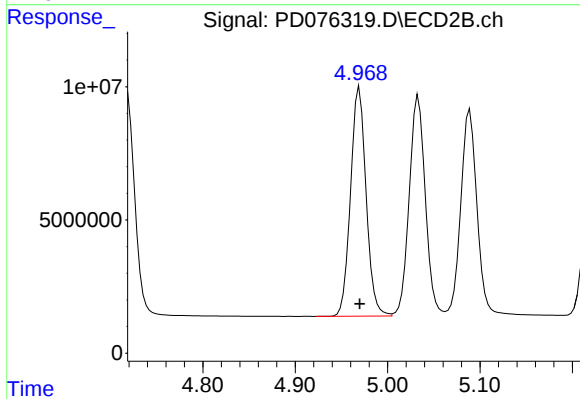
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 94899600
Conc: 50.68 ng/ml



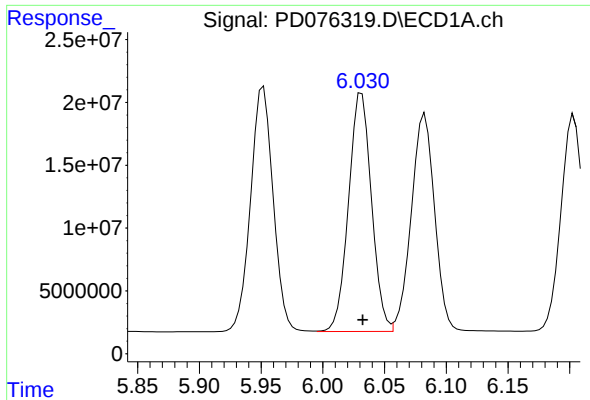
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 248687327
Conc: 51.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 100703070
Conc: 50.57 ng/ml



#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 245373520
Conc: 51.07 ng/ml

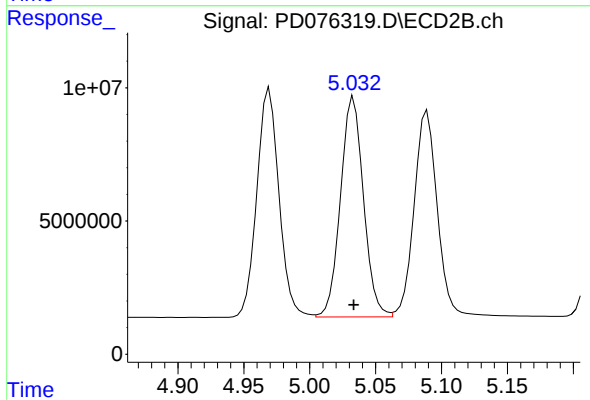
Instrument :

ECD_D

ClientSampleId :
ICVPD070423

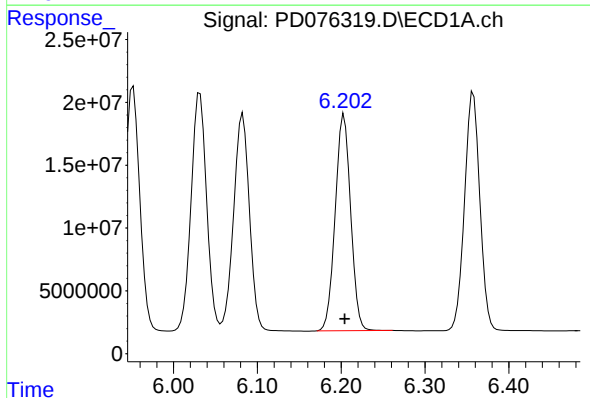
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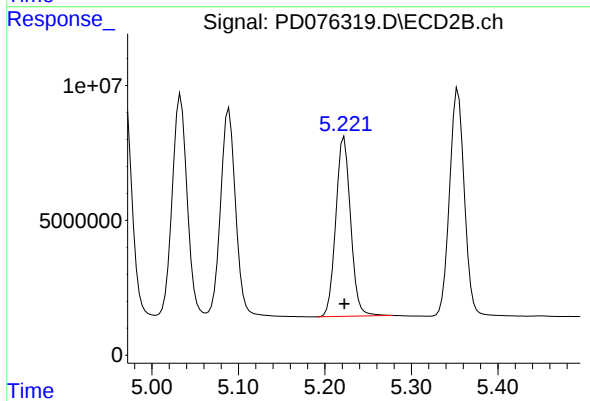
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 100181024
Conc: 50.41 ng/ml



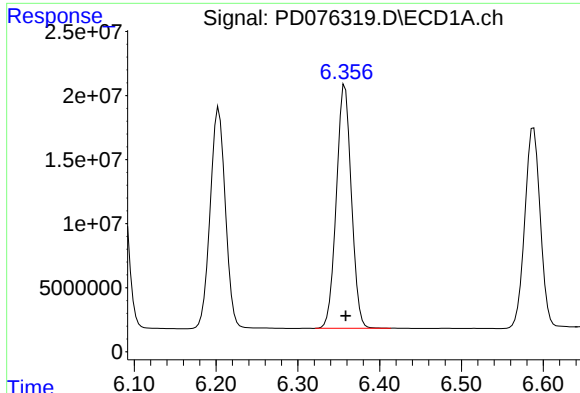
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 220324365
Conc: 51.90 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 78834270
Conc: 51.29 ng/ml



#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 241767958
Conc: 51.68 ng/ml

Instrument :

ECD_D

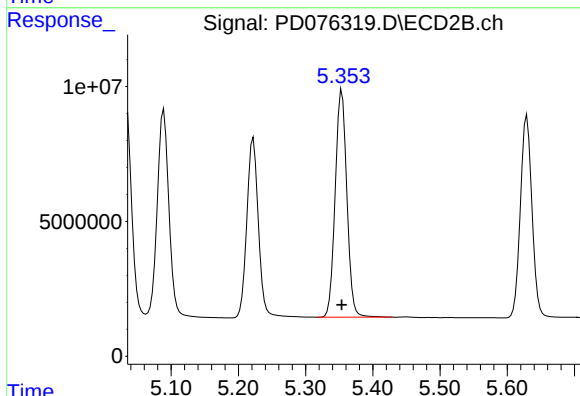
ClientSampleId :

ICVPD070423

Manual Integrations

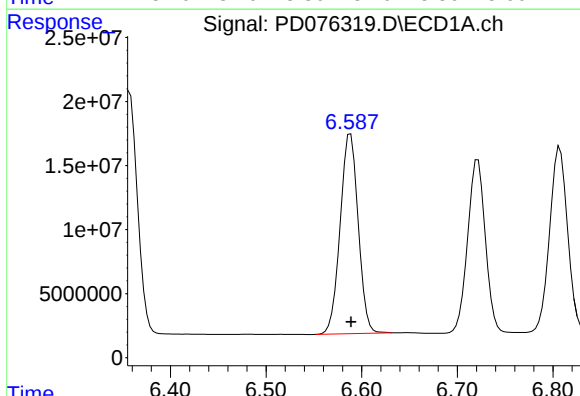
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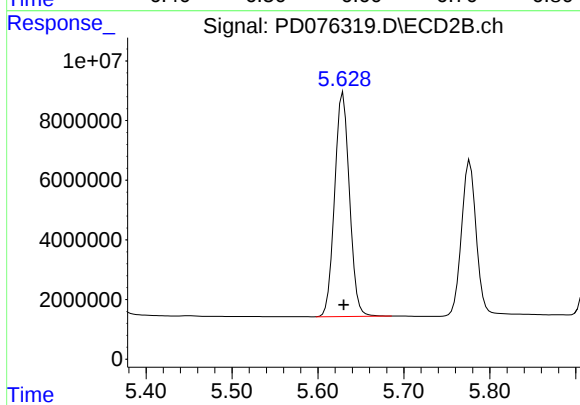
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 100562609
Conc: 51.06 ng/ml



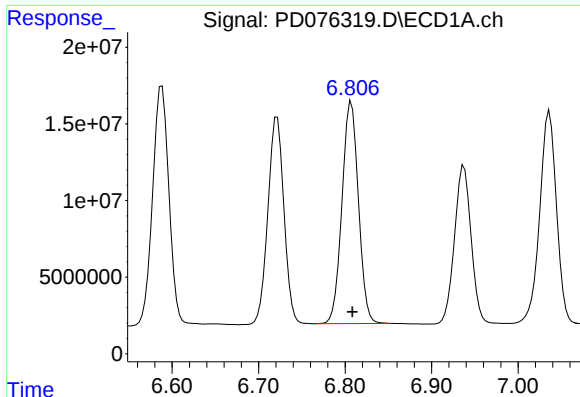
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 204876377
Conc: 51.46 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 89829188
Conc: 50.89 ng/ml



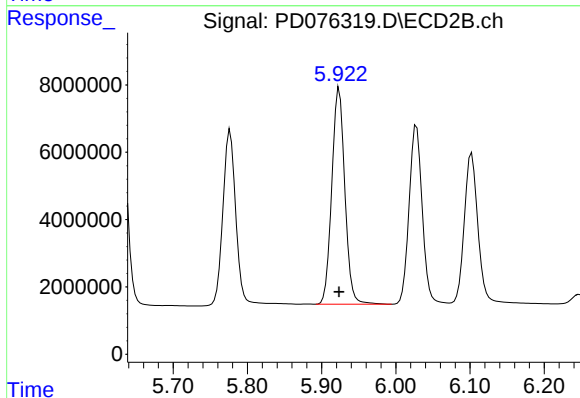
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 190316035
Conc: 51.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

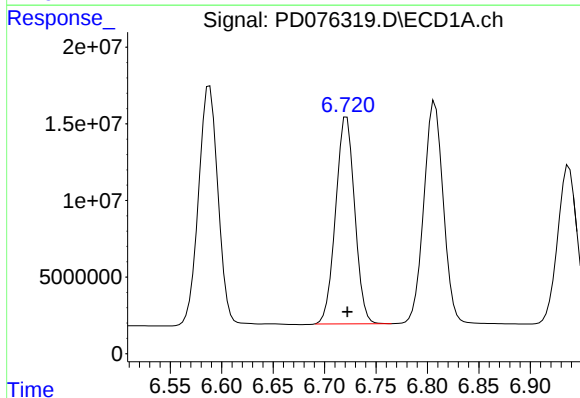
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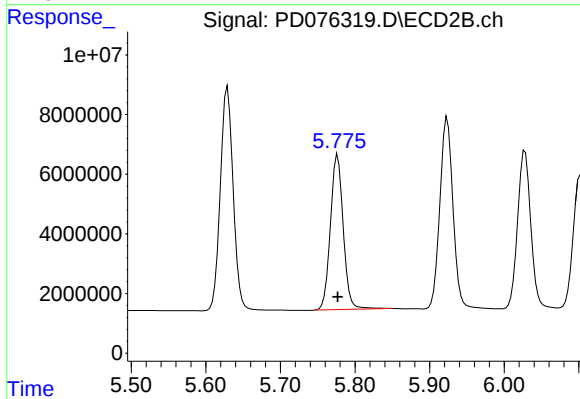
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 78704871
Conc: 50.72 ng/ml



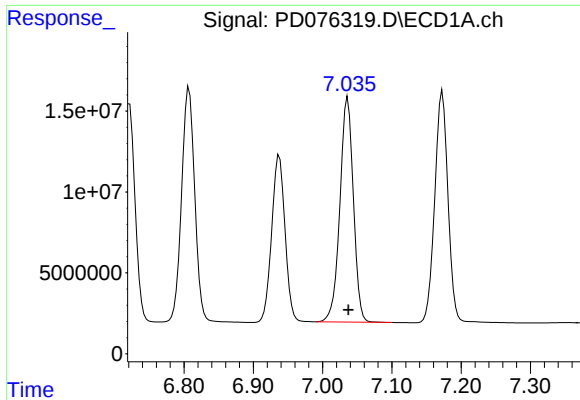
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 174038054
Conc: 51.80 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 62212402
Conc: 51.48 ng/ml



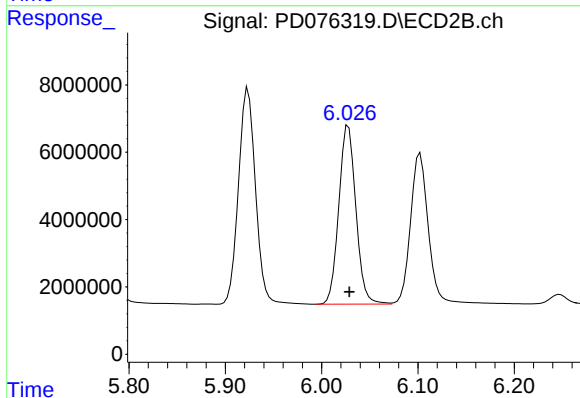
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 185435327
Conc: 52.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

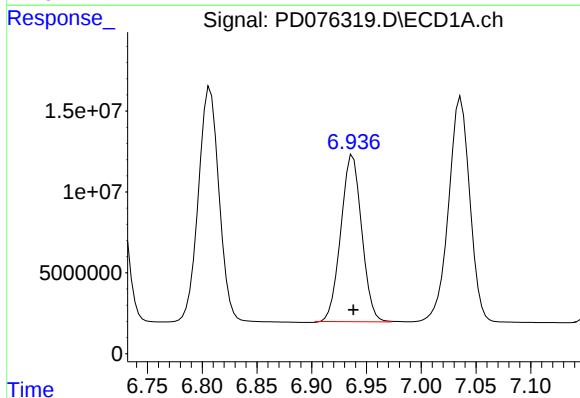
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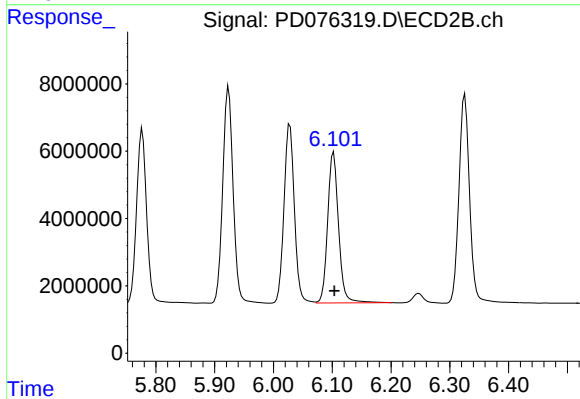
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 65234583
Conc: 53.90 ng/ml



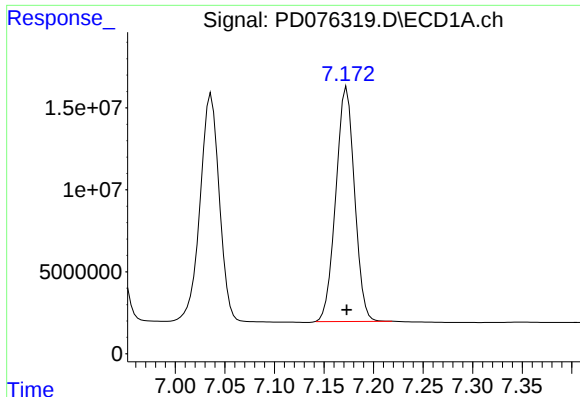
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 136815080
Conc: 49.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 57634515
Conc: 50.43 ng/ml



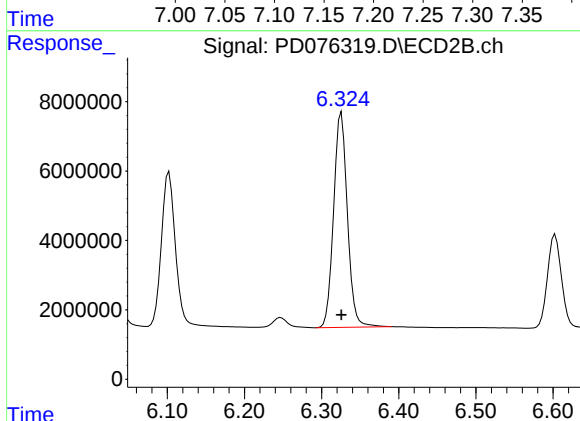
#19 Endosulfan Sulfate

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 187767216
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

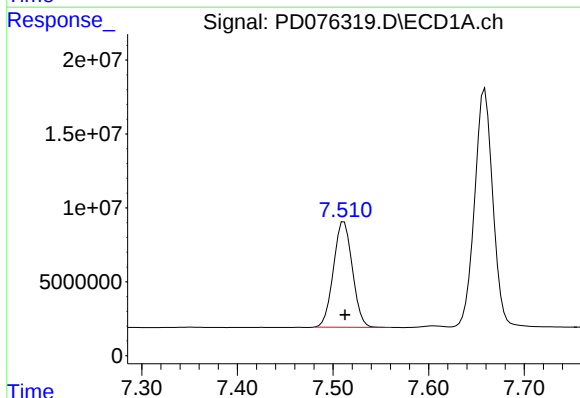
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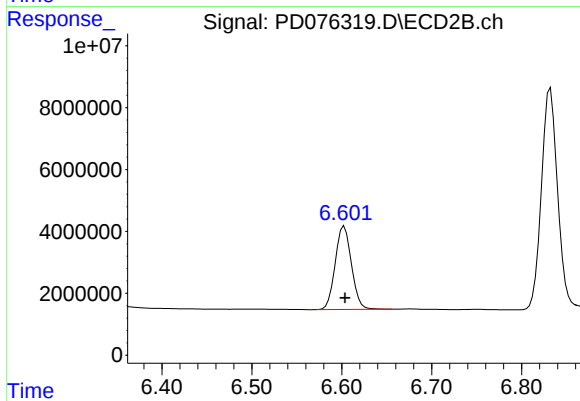
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 77159954
Conc: 50.78 ng/ml



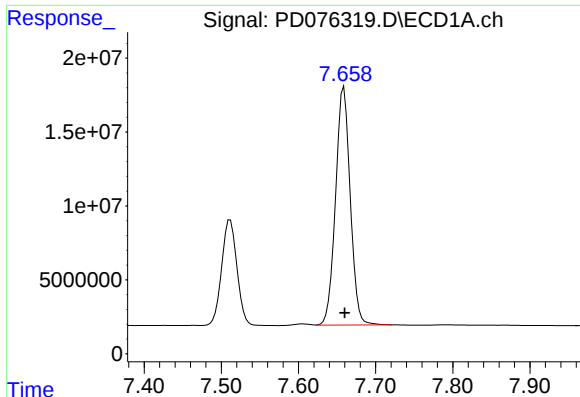
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 97888382
Conc: 51.22 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 33788751
Conc: 52.91 ng/ml



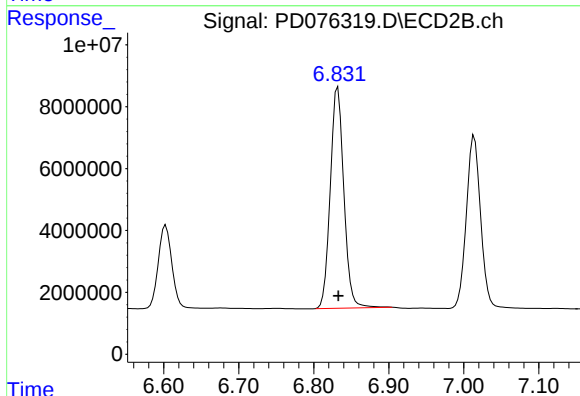
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 213552845
Conc: 51.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD070423

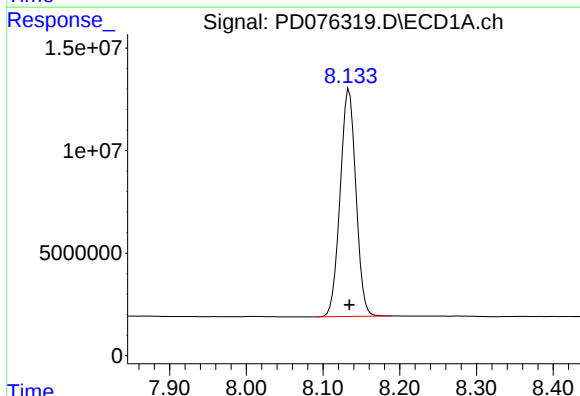
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



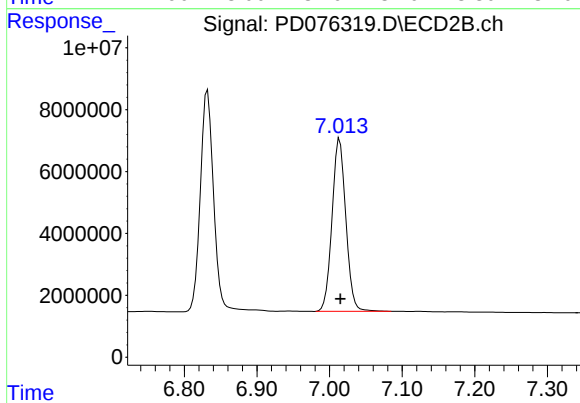
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 89800326
Conc: 51.38 ng/ml



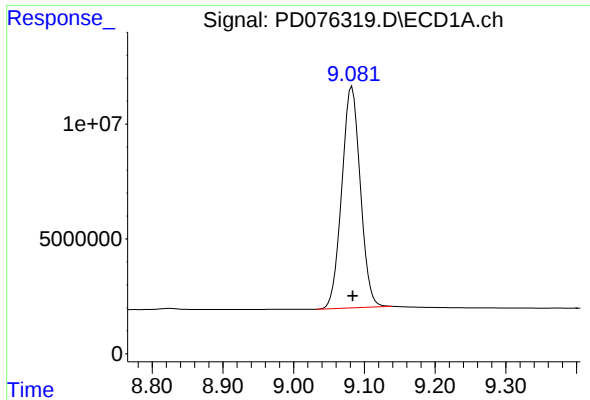
#22 Mirex

R.T.: 8.134 min
Delta R.T.: 0.000 min
Response: 158764456
Conc: 50.25 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 73747466
Conc: 49.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 175836234
Conc: 49.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

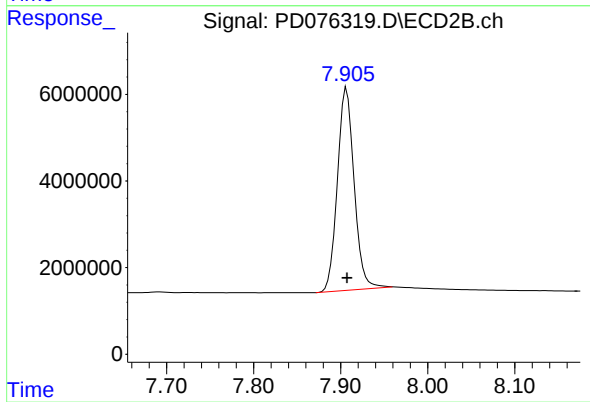
ICVPD070423

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 62607091
Conc: 49.75 ng/ml