

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2024 04:45
 Operator : AR\AJ
 Sample : PB160971BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB160971BS

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 05:56:43 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	32090929	82999165	20.728	20.942
28)	SA Decachlor...	9.119	7.904	41939944	80300064	21.002	20.774
Target Compounds							
2)	A alpha-BHC	4.023	3.277	141.2E6	318.2E6	51.549	51.014
3)	MA gamma-BHC...	4.357	3.605	134.9E6	293.8E6	51.029	49.707
4)	MA Heptachlor	4.949	3.943	130.2E6	279.1E6	51.627	50.420
5)	MB Aldrin	5.292	4.222	127.4E6	278.6E6	49.432	48.895
6)	B beta-BHC	4.552	3.900	54795873	122.3E6	52.319	51.228
7)	B delta-BHC	4.801	4.130	130.8E6	286.1E6	52.657	49.429
8)	B Heptachlo...	5.719	4.723	119.6E6	253.7E6	51.278	50.371
9)	A Endosulfan I	6.107	5.092	110.1E6	235.1E6	50.999	50.966
10)	B gamma-Chl...	5.975	4.972	118.2E6	260.1E6	52.206m	52.023
11)	B alpha-Chl...	6.056	5.036	116.8E6	254.7E6	51.629	51.287
12)	B 4,4'-DDE	6.228	5.225	110.5E6	243.4E6	50.501	52.140
13)	MA Dieldrin	6.383	5.356	112.6E6	258.3E6	50.350	51.390
14)	MA Endrin	6.613	5.631	82112916	198.3E6	43.642	45.352
15)	B Endosulfa...	6.833	5.925	96164240	220.0E6	48.200	52.675
16)	A 4,4'-DDD	6.746	5.778	83991711	207.2E6	52.509	55.074
17)	MA 4,4'-DDT	7.061	6.029	80926654	187.8E6	47.940	48.968
18)	B Endrin al...	6.963	6.104	75077136	175.5E6	53.621	56.220
19)	B Endosulfa...	7.198	6.326	88266997	211.2E6	50.025	52.978
20)	A Methoxychlor	7.538	6.604	40977745	94556533	44.704	46.535
21)	B Endrin ke...	7.685	6.831	103.3E6	252.5E6	53.769	55.543
22)	Mirex	8.161	7.013	79164664	185.5E6	51.649	51.912

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
Data File : PD082907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2024 04:45
Operator : AR\AJ
Sample : PB160971BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

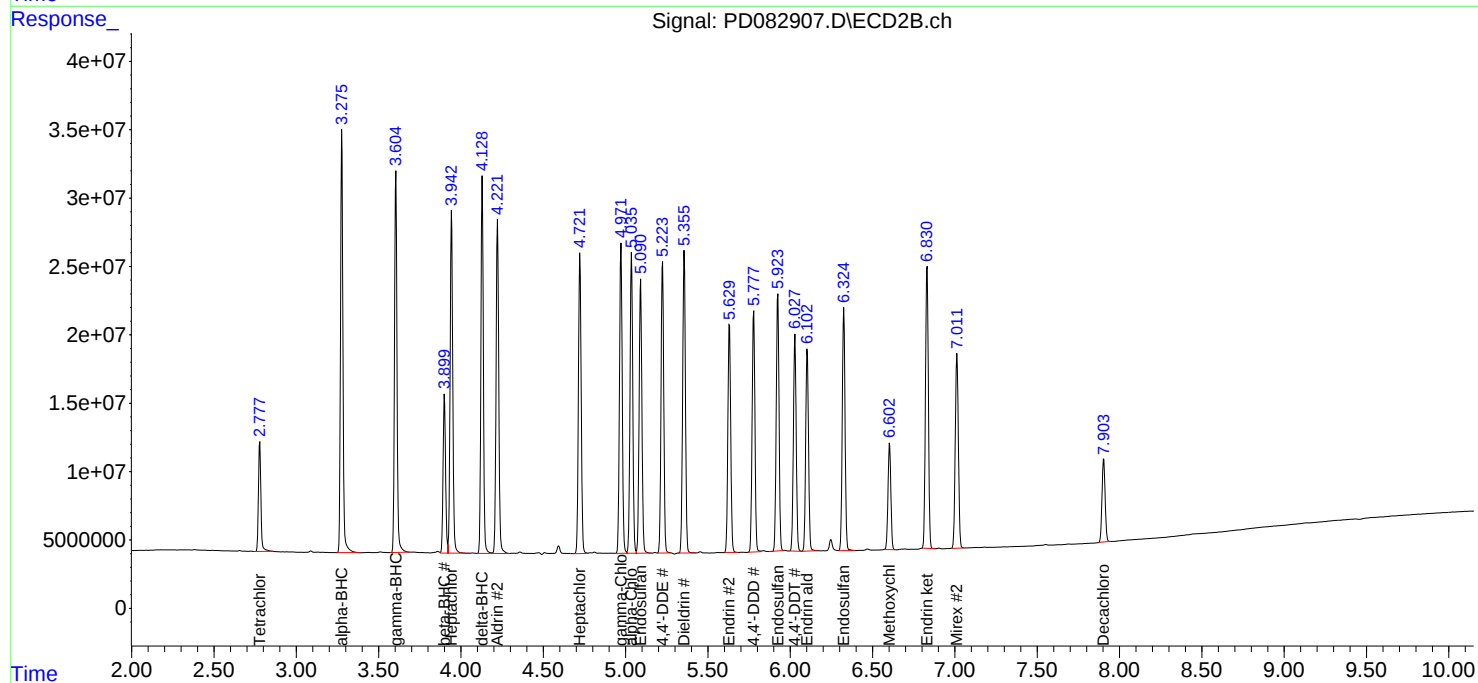
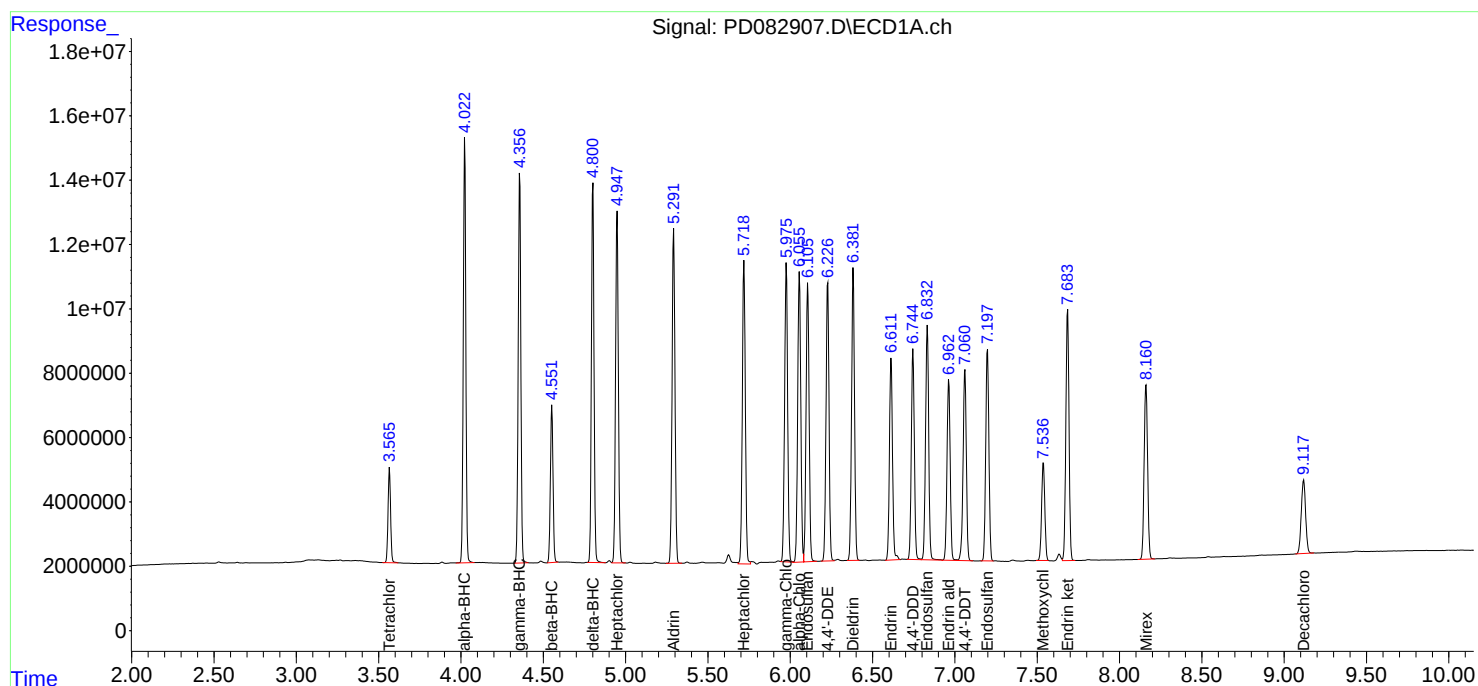
Instrument :
ECD_D
ClientSampleId :
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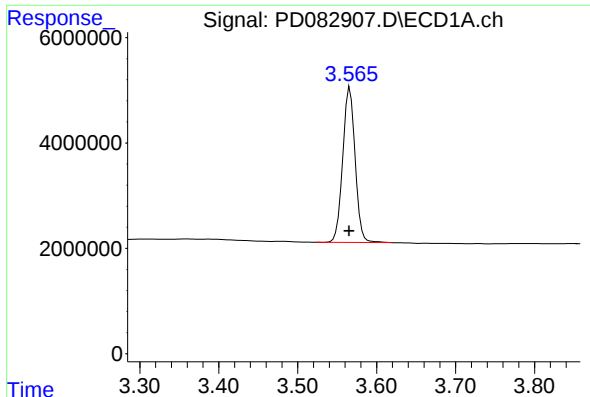
Manual Integrations
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Supervised By :Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 05:56:43 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: 32090929
Conc: 20.73 ng/ml

Instrument :

ECD_D

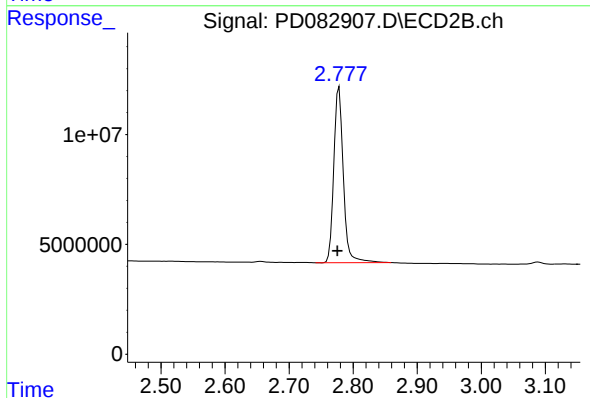
ClientSampleId :

PB160971BS

Manual Integrations

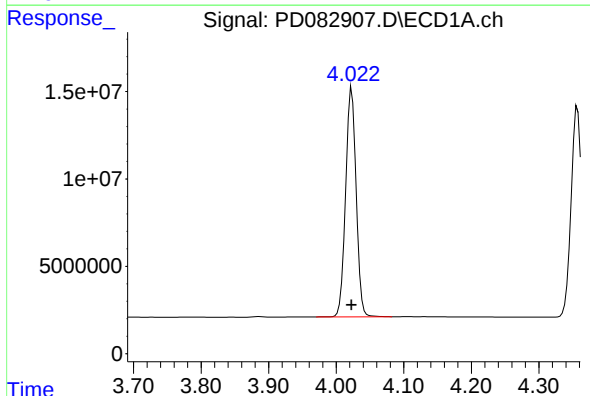
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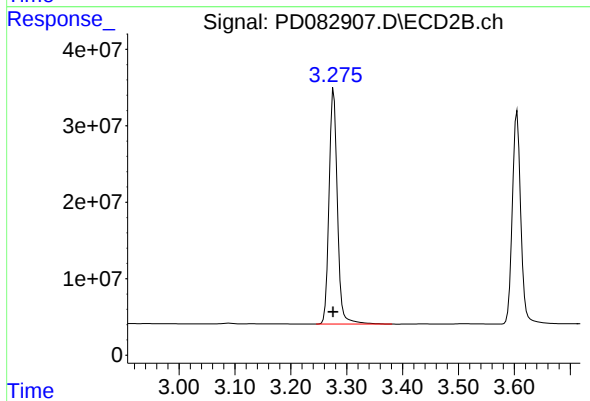
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 82999165
Conc: 20.94 ng/ml



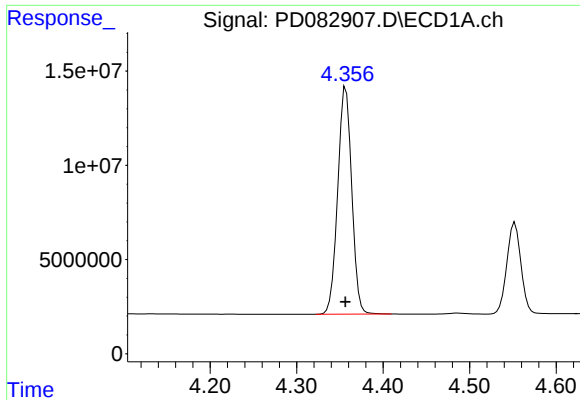
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 141201269
Conc: 51.55 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.001 min
Response: 318224144
Conc: 51.01 ng/ml



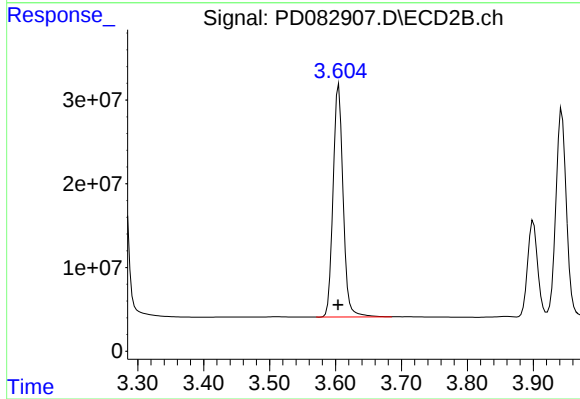
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 134879715
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

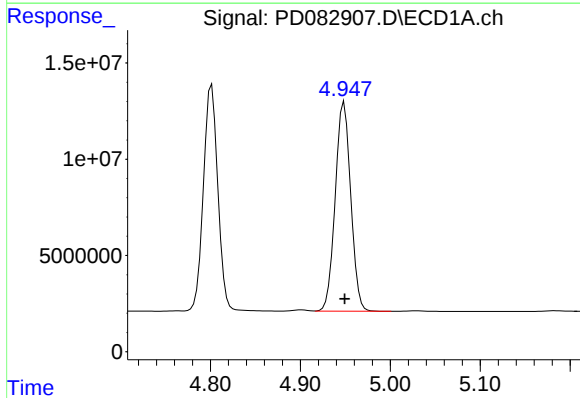
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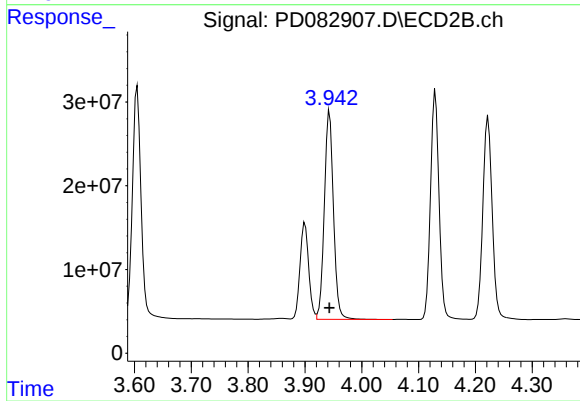
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.001 min
Response: 293773769
Conc: 49.71 ng/ml



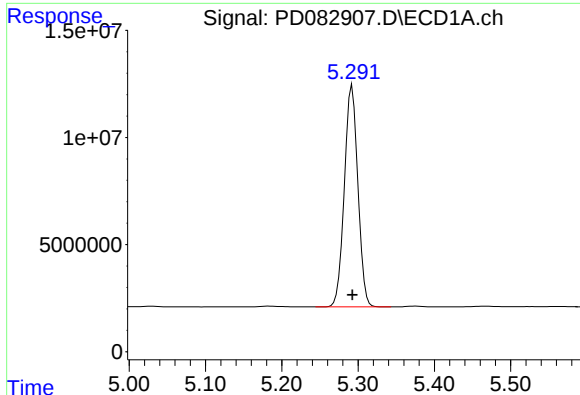
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 130208064
Conc: 51.63 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 279091468
Conc: 50.42 ng/ml



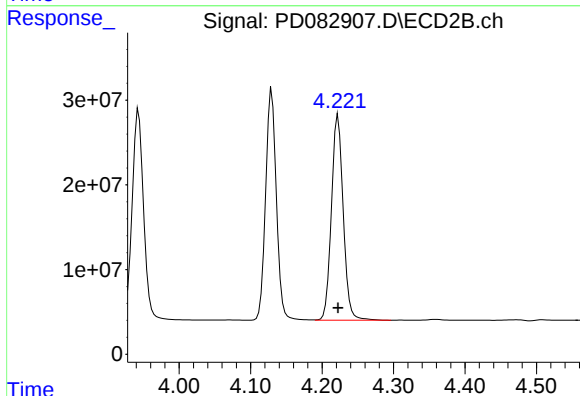
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 127380323
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

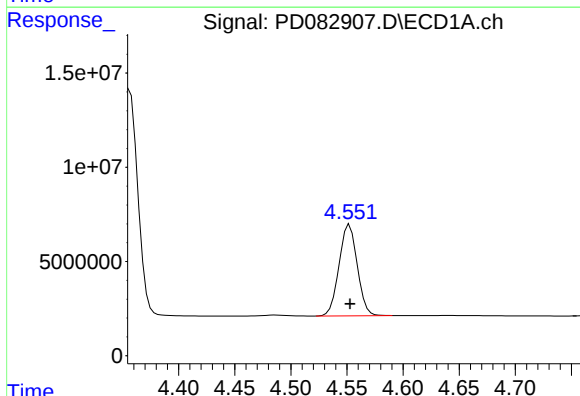
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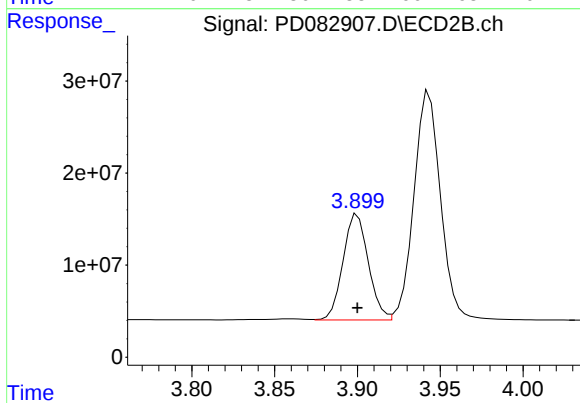
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 278630733
Conc: 48.90 ng/ml



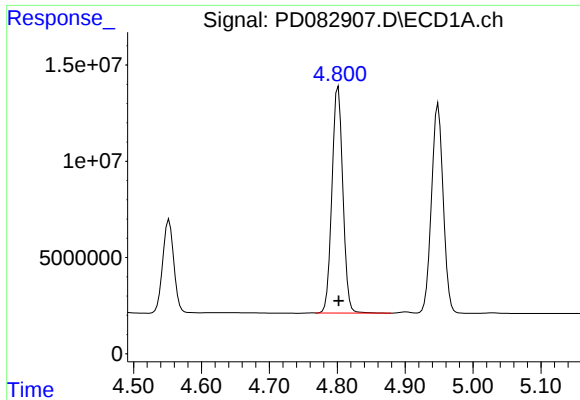
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 54795873
Conc: 52.32 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 122336478
Conc: 51.23 ng/ml



#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 130840424
Conc: 52.66 ng/ml

Instrument :

ECD_D

ClientSampleId :

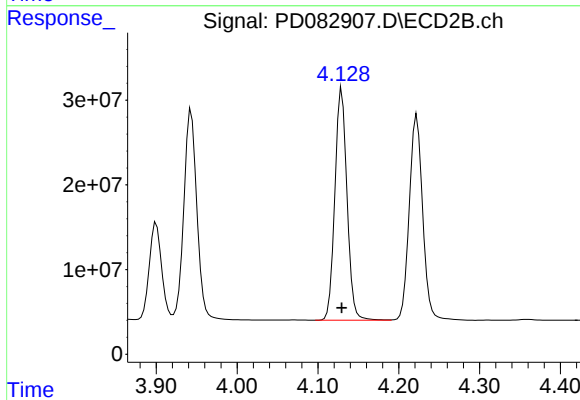
PB160971BS

Manual Integrations

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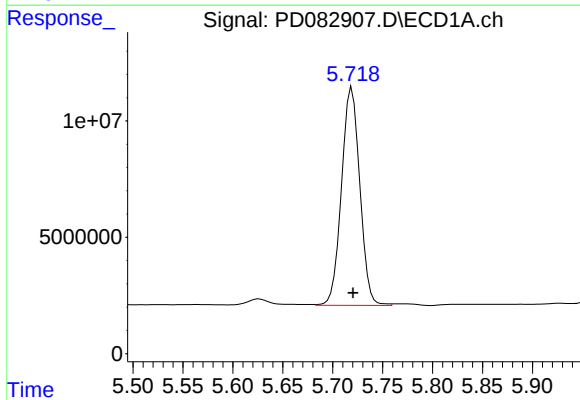
Reviewed By :Abdul Mirza 05/20/2024

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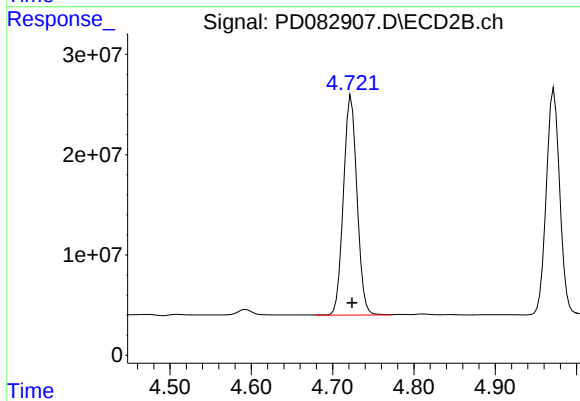
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 286110792
Conc: 49.43 ng/ml



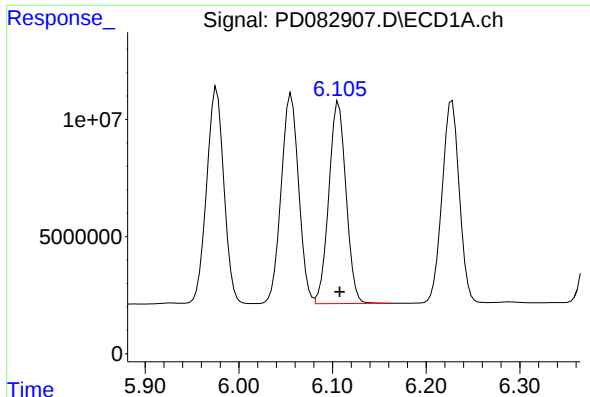
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.001 min
Response: 119604654
Conc: 51.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 253746176
Conc: 50.37 ng/ml



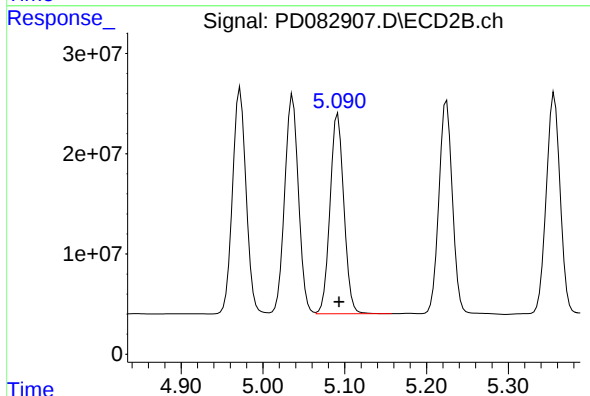
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 110126566
Conc: 51.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

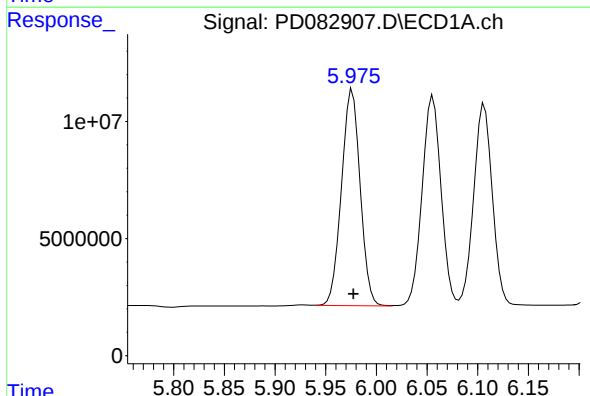
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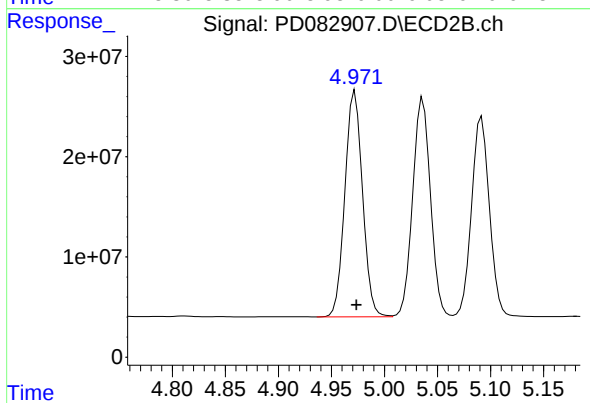
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 235079830
Conc: 50.97 ng/ml



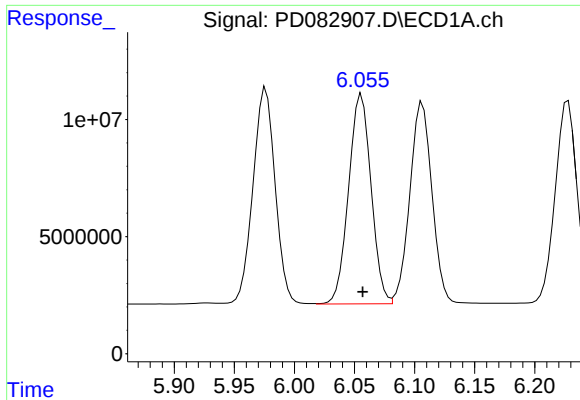
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 118241890
Conc: 52.21 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 260051659
Conc: 52.02 ng/ml



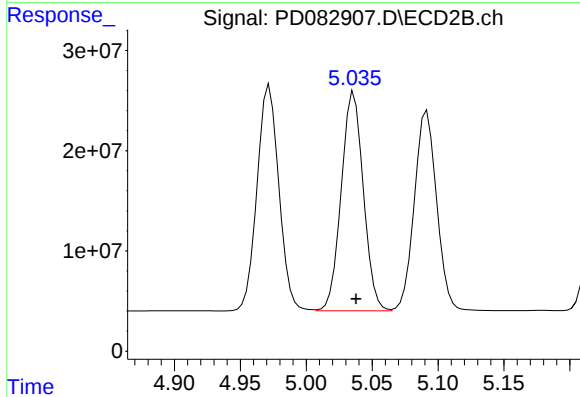
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 116799951
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

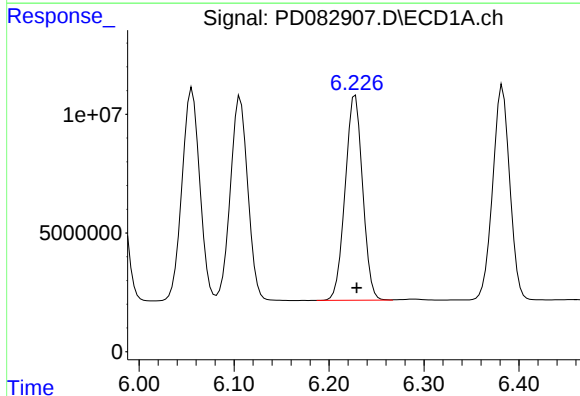
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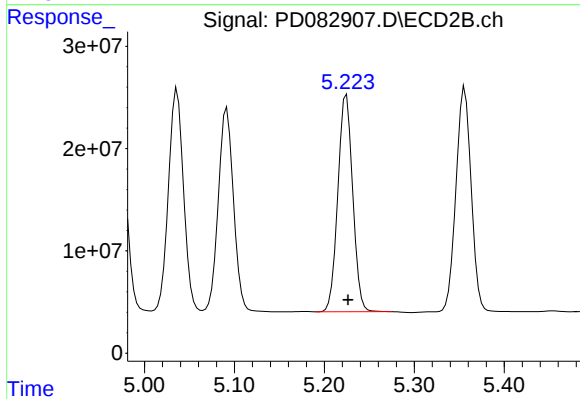
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 254692022
Conc: 51.29 ng/ml



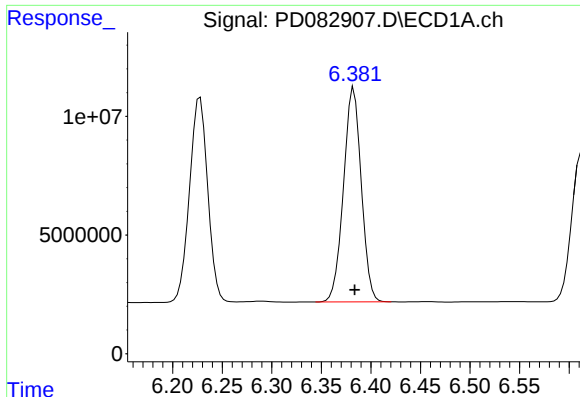
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 110489202
Conc: 50.50 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 243385453
Conc: 52.14 ng/ml



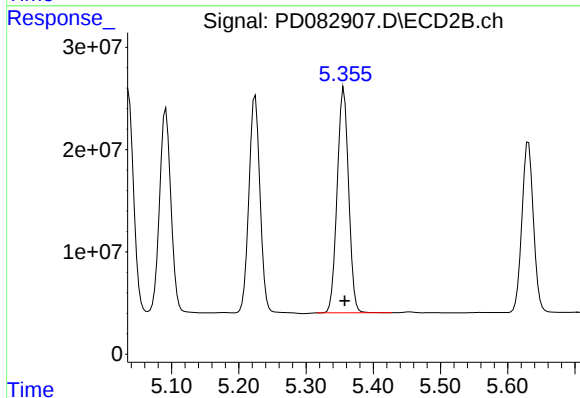
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 112600745
Conc: 50.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

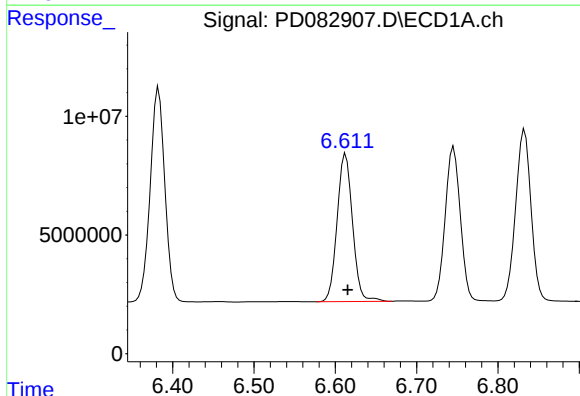
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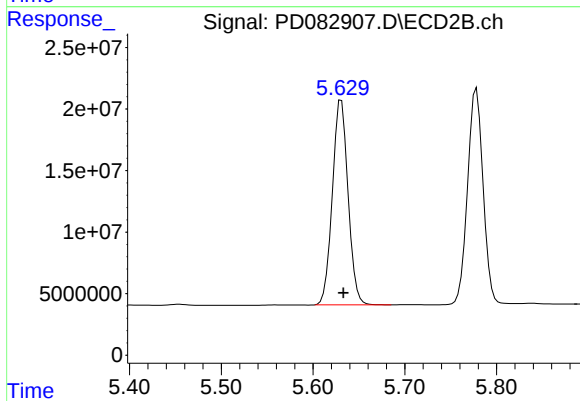
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 258284315
Conc: 51.39 ng/ml



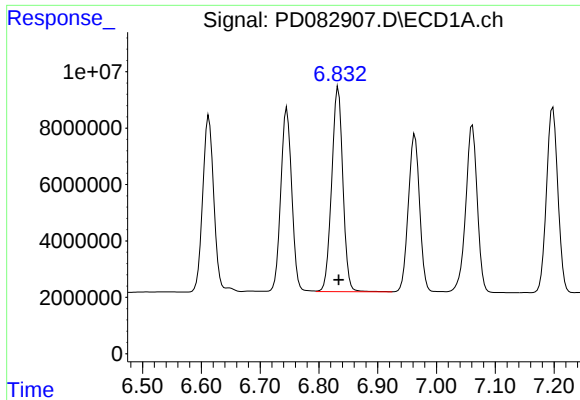
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 82112916
Conc: 43.64 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 198317916
Conc: 45.35 ng/ml



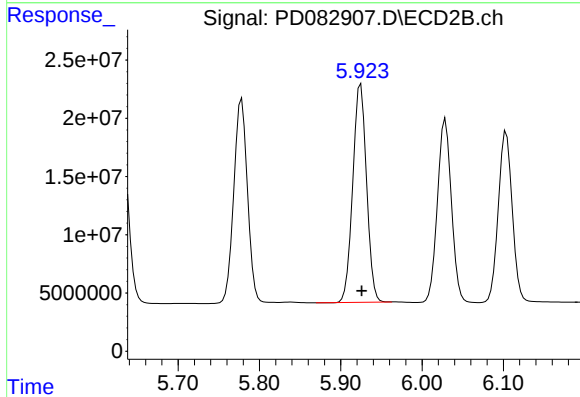
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 96164240
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

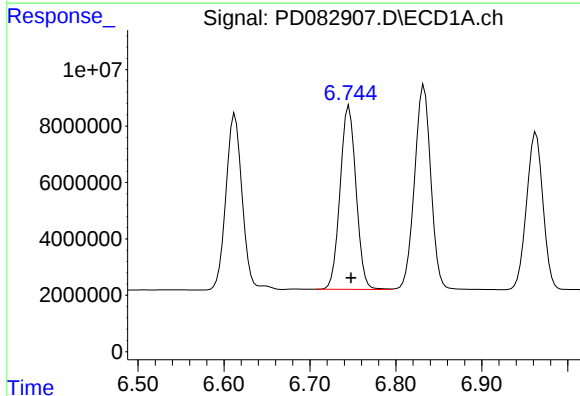
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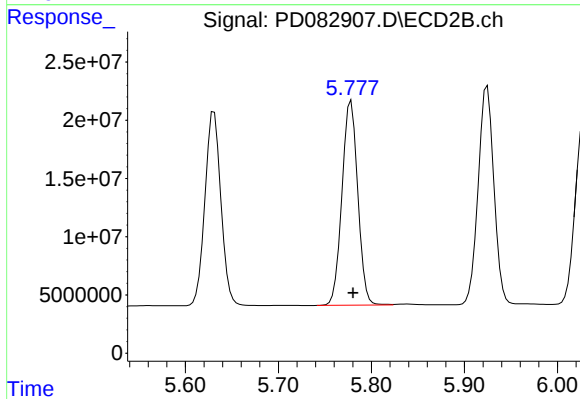
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 219968001
Conc: 52.67 ng/ml



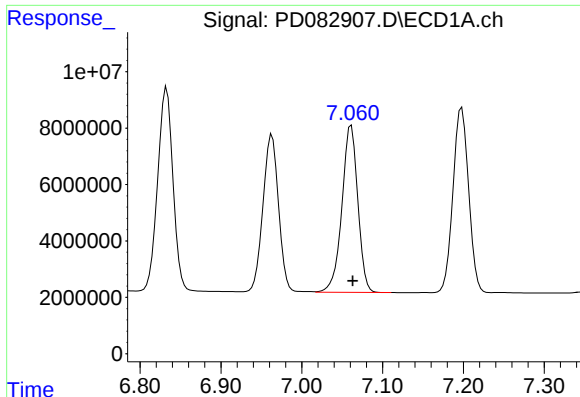
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 83991711
Conc: 52.51 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 207193078
Conc: 55.07 ng/ml



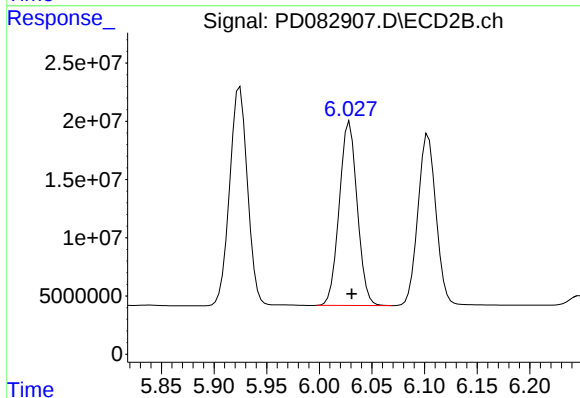
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 80926654
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

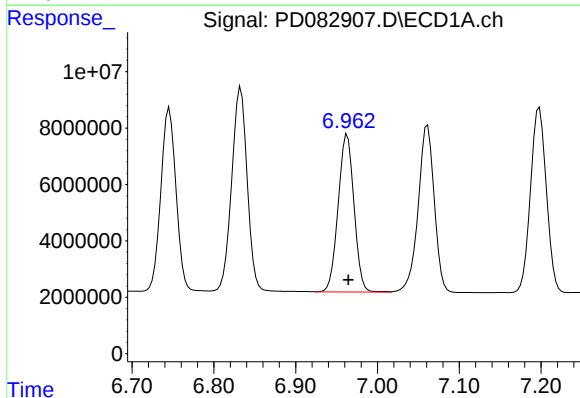
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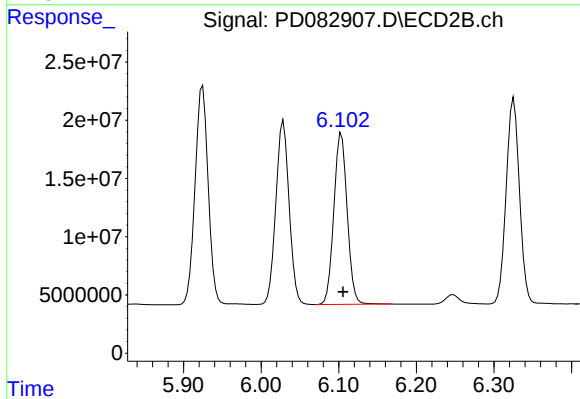
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 187776712
Conc: 48.97 ng/ml



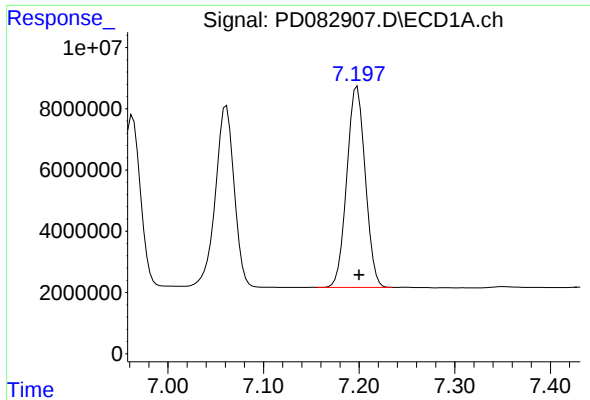
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 75077136
Conc: 53.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 175519014
Conc: 56.22 ng/ml



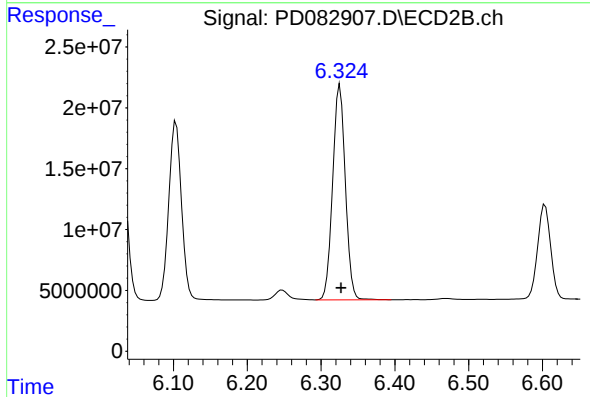
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 88266997
Conc: 50.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

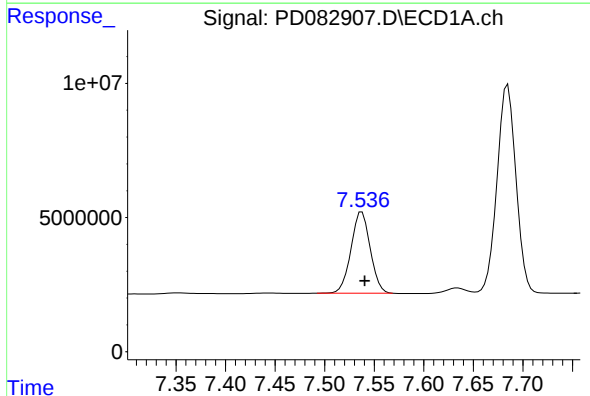
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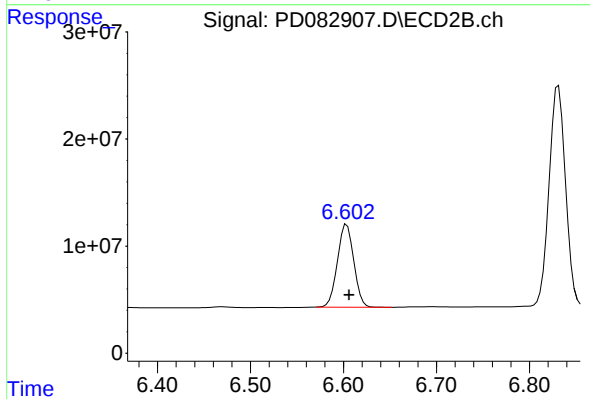
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 211239174
Conc: 52.98 ng/ml



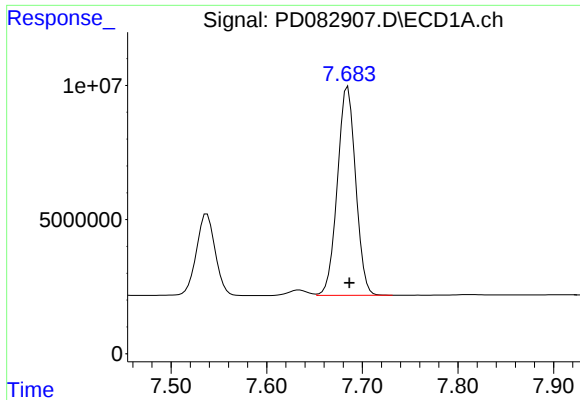
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 40977745
Conc: 44.70 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 94556533
Conc: 46.53 ng/ml



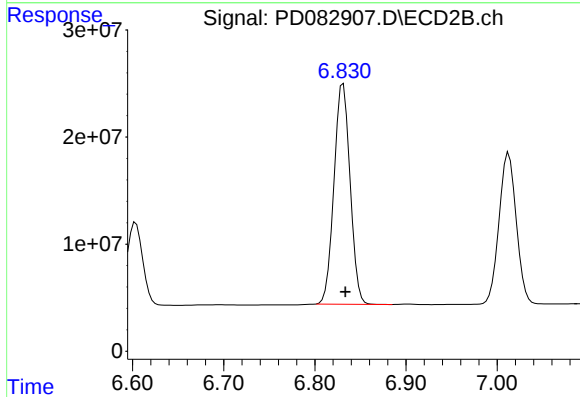
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: -0.002 min
Response: 103347530
Conc: 53.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB160971BS

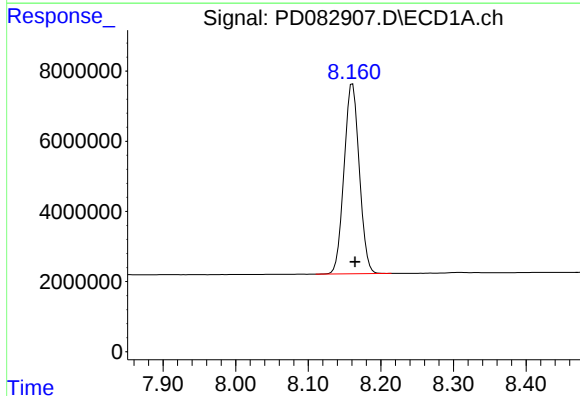
Manual Integrations
APPROVED

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



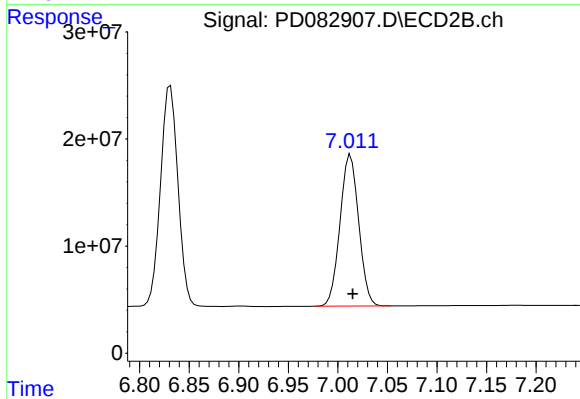
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 252493313
Conc: 55.54 ng/ml



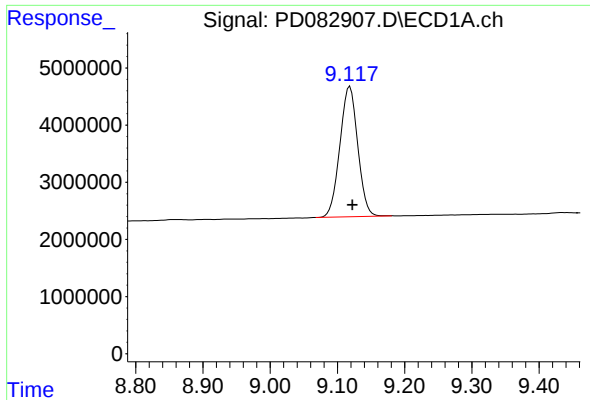
#22 Mirex

R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 79164664
Conc: 51.65 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 185467989
Conc: 51.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: -0.004 min
Response: 41939944
Conc: 21.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

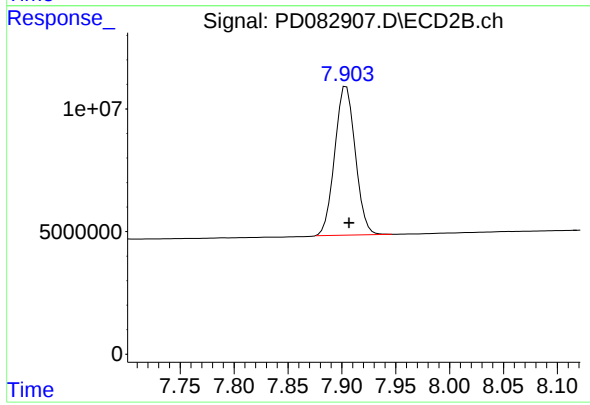
PB160971BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 80300064
Conc: 20.77 ng/ml