

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 13:09
 Operator : AR\AJ
 Sample : PB156664BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156664BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:07:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.569	2.806	27908430	40834114	17.285	17.637
28)	SA Decachlor...	9.117	7.955	36113470	45693917	18.002	18.746
Target Compounds							
2)	A alpha-BHC	4.026	3.309	129.3E6	173.2E6	48.563	49.951
3)	MA gamma-BHC...	4.360	3.639	120.3E6	163.2E6	46.290	48.066
4)	MA Heptachlor	4.953	3.982	127.5E6	160.5E6	47.682	52.561
5)	MB Aldrin	5.297	4.263	121.2E6	159.0E6	47.032	48.591
6)	B beta-BHC	4.552	3.934	49257850	66180684	45.967	46.967
7)	B delta-BHC	4.801	4.165	123.1E6	163.5E6	45.981m	48.833
8)	B Heptachlo...	5.723	4.765	111.4E6	148.3E6	47.547	50.020
9)	A Endosulfan I	6.110	5.136	104.7E6	132.0E6	48.314	49.870
10)	B gamma-Chl...	5.978	5.016	110.7E6	143.2E6	48.302	49.921
11)	B alpha-Chl...	6.058	5.080	108.9E6	140.1E6	47.760	48.833
12)	B 4,4'-DDE	6.229	5.269	102.8E6	136.9E6	48.629	51.436
13)	MA Dieldrin	6.385	5.401	109.1E6	146.5E6	46.862	49.323
14)	MA Endrin	6.616	5.676	90950386	129.1E6	46.698	50.433
15)	B Endosulfa...	6.833	5.968	89909635	119.9E6	44.081	48.009
16)	A 4,4'-DDD	6.746	5.823	84322407	116.9E6	47.967	51.183
17)	MA 4,4'-DDT	7.061	6.075	90763880	116.8E6	47.930	51.001
18)	B Endrin al...	6.961	6.148	70085528	93774185	45.383m	50.435
19)	B Endosulfa...	7.196	6.370	92584499	119.5E6	46.568	51.176
20)	A Methoxychlor	7.535	6.650	48381242	63287338	44.152	46.616
21)	B Endrin ke...	7.684	6.877	101.2E6	139.9E6	46.424	50.047
22)	Mirex	8.160	7.062	77843125	106.1E6	45.989	49.669

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:09
Operator : AR\AJ
Sample : PB156664BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB156664BS

Manual Integrations

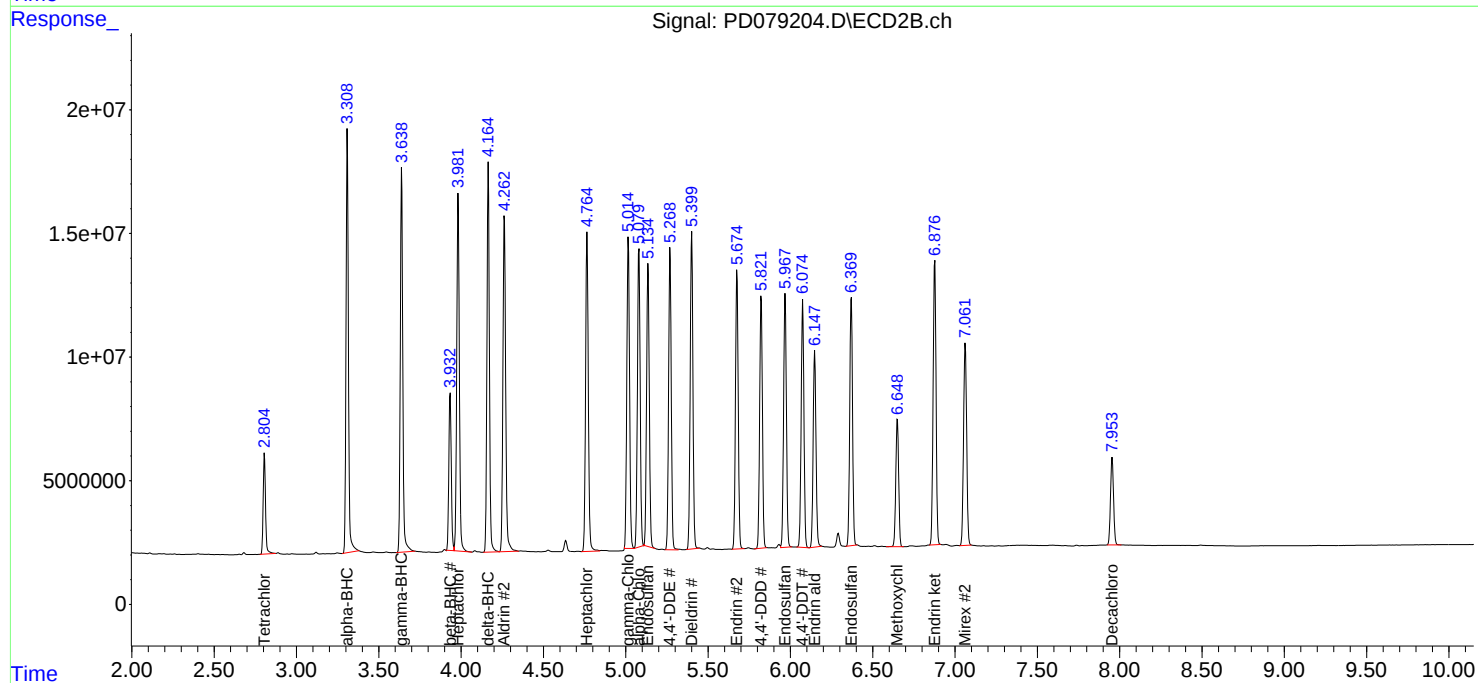
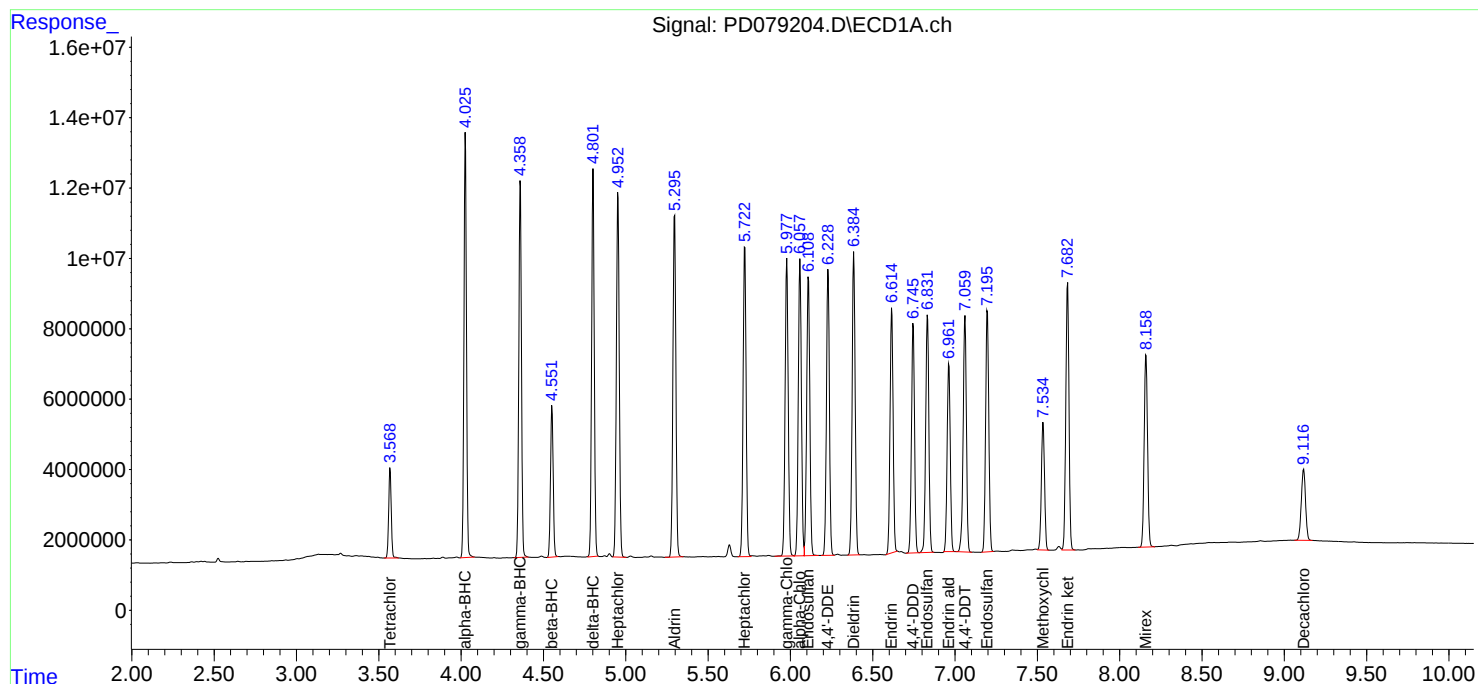
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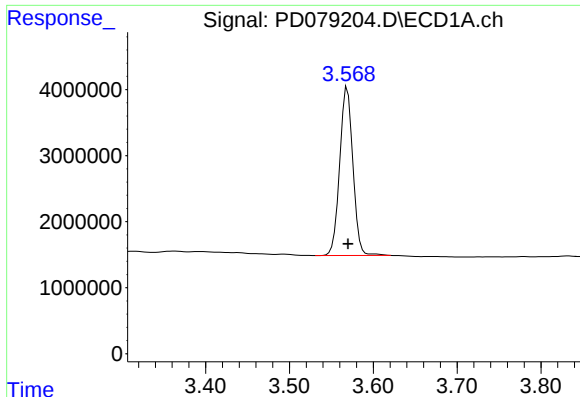
Reviewed By :Abdul Mirza 10/30/2023

Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:07:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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.: 3.569 min
Delta R.T.: 0.000 min
Response: 27908430
Conc: 17.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

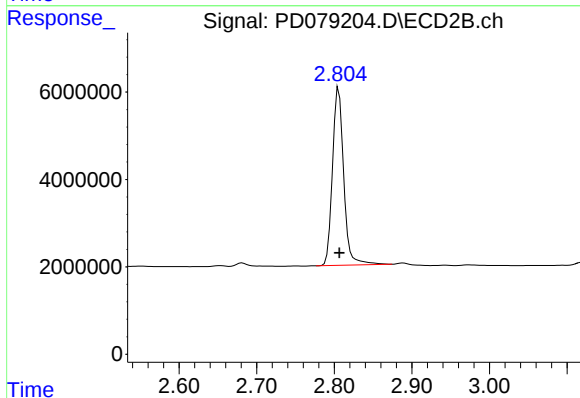
PB156664BS

Manual Integrations

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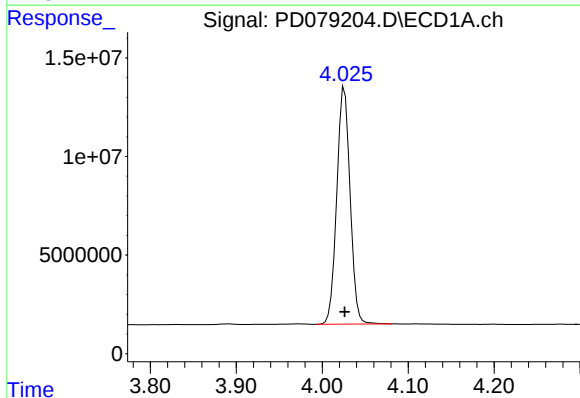
Reviewed By :Abdul Mirza 10/30/2023

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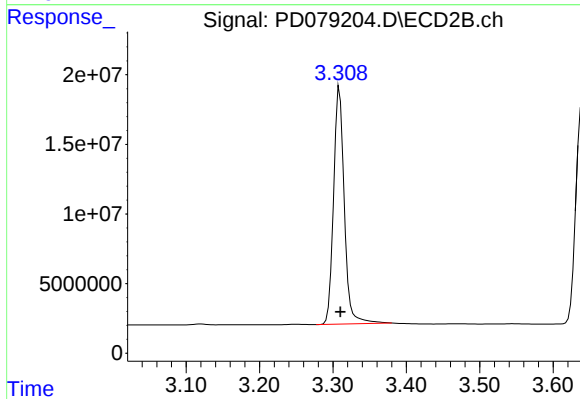
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 40834114
Conc: 17.64 ng/ml



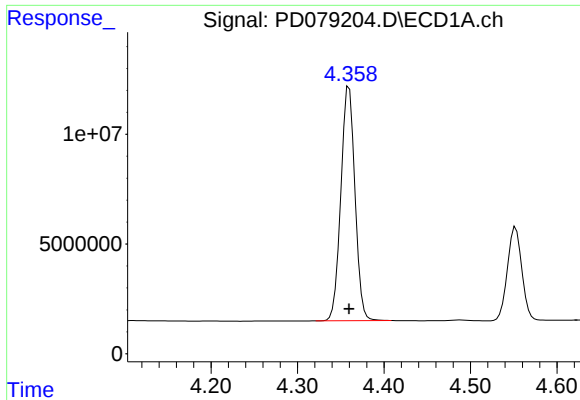
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 129279118
Conc: 48.56 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 173202307
Conc: 49.95 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 120300626
Conc: 46.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

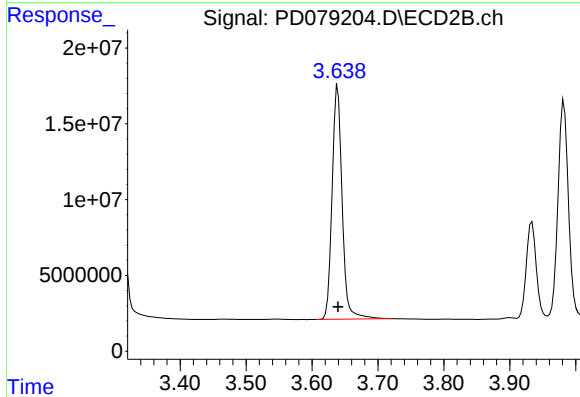
PB156664BS

Manual Integrations

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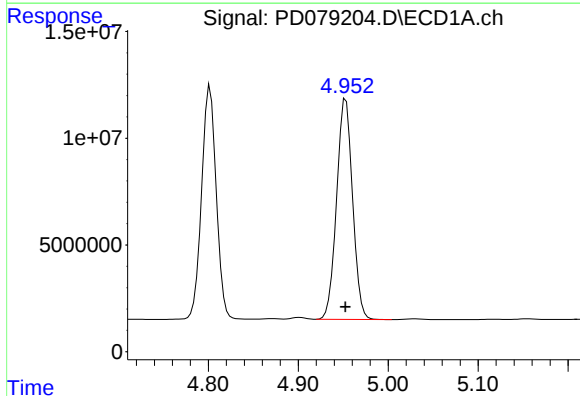
Reviewed By :Abdul Mirza 10/30/2023

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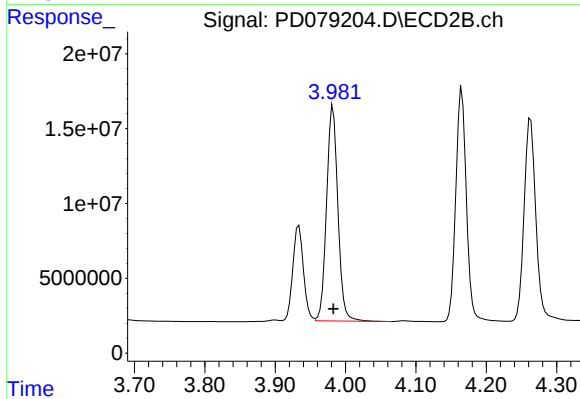
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 163222001
Conc: 48.07 ng/ml



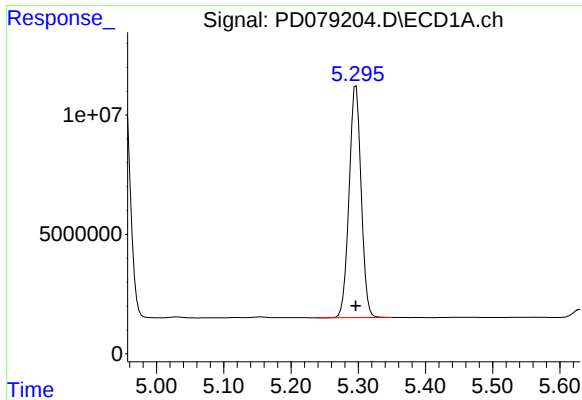
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 127545934
Conc: 47.68 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 160528640
Conc: 52.56 ng/ml



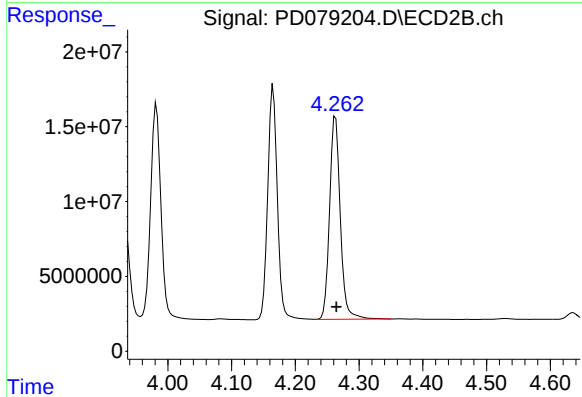
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 121191284
Conc: 47.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

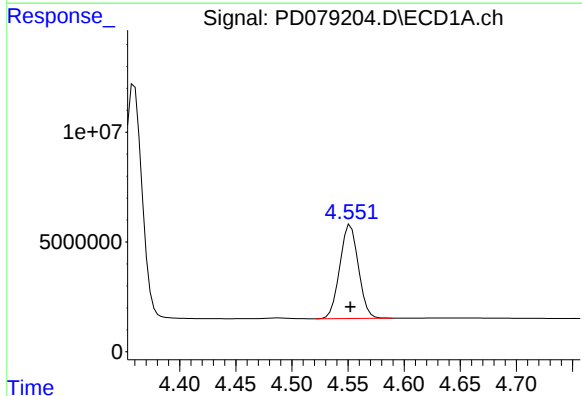
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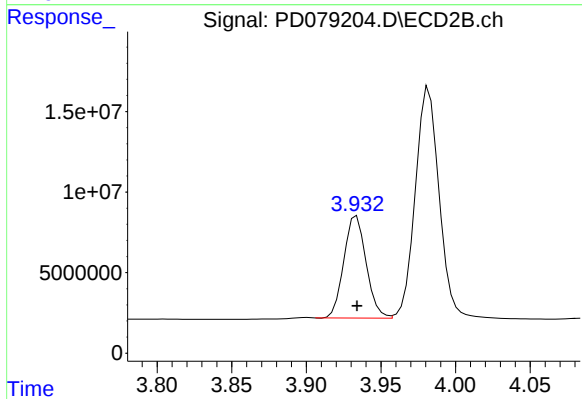
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 158956900
Conc: 48.59 ng/ml



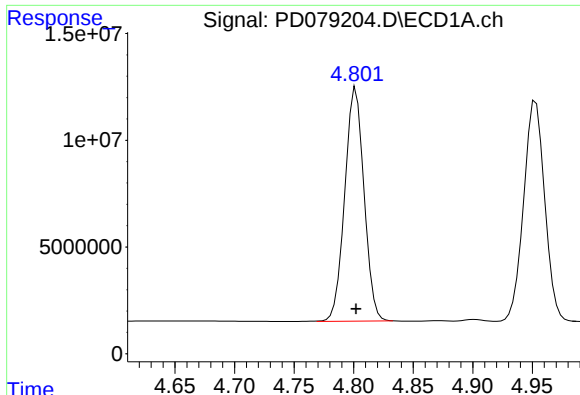
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 49257850
Conc: 45.97 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 66180684
Conc: 46.97 ng/ml



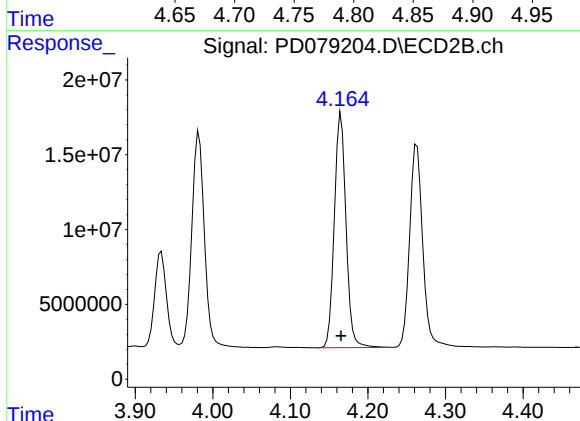
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 123093892
Conc: 45.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

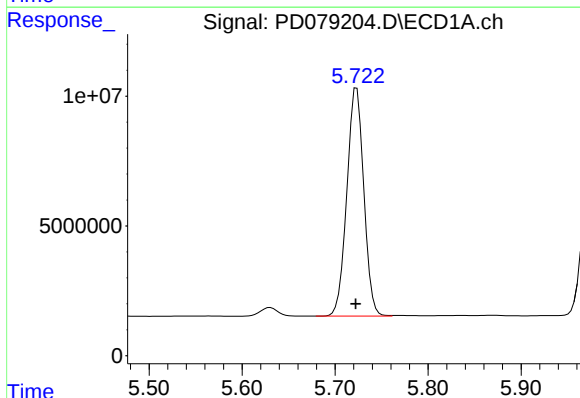
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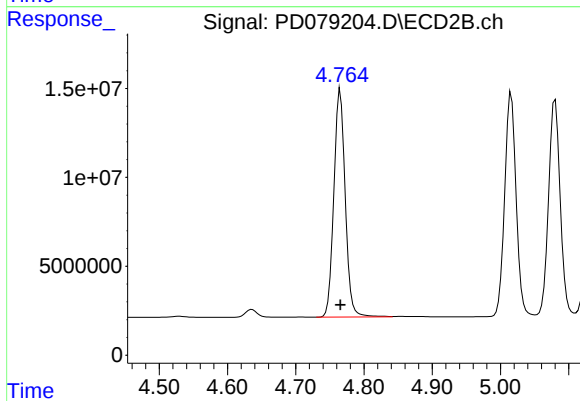
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 163504193
Conc: 48.83 ng/ml



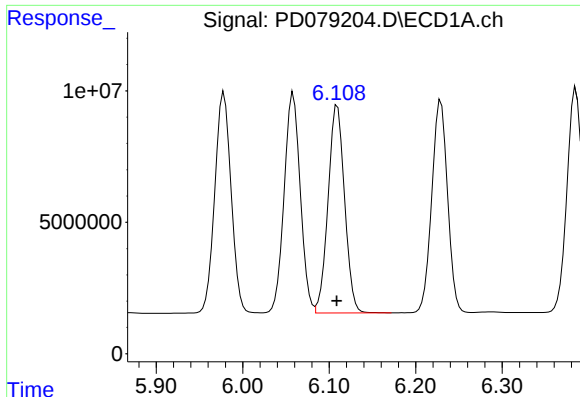
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 111436397
Conc: 47.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 148295146
Conc: 50.02 ng/ml



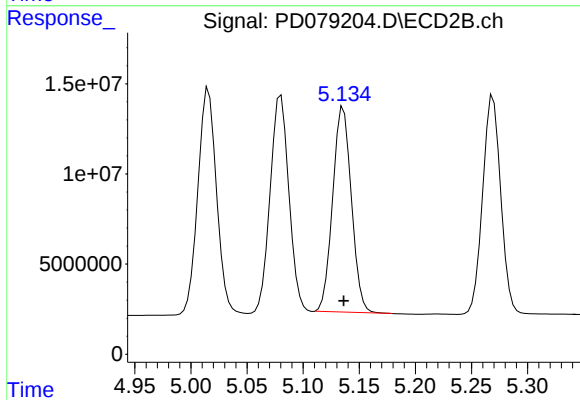
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 104742559
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

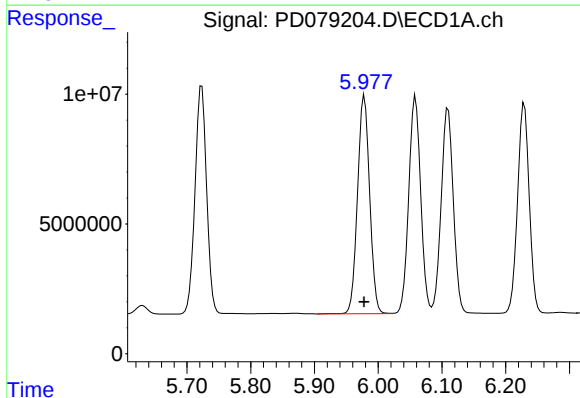
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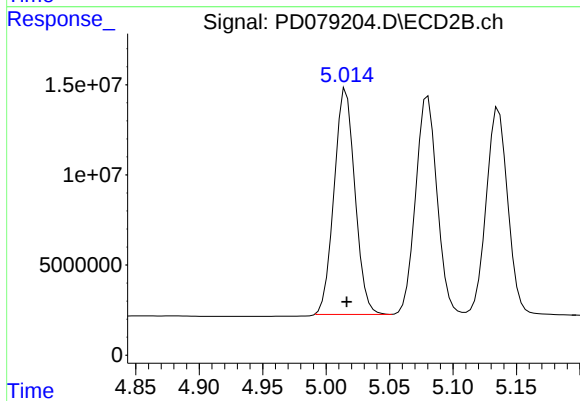
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 132041862
Conc: 49.87 ng/ml



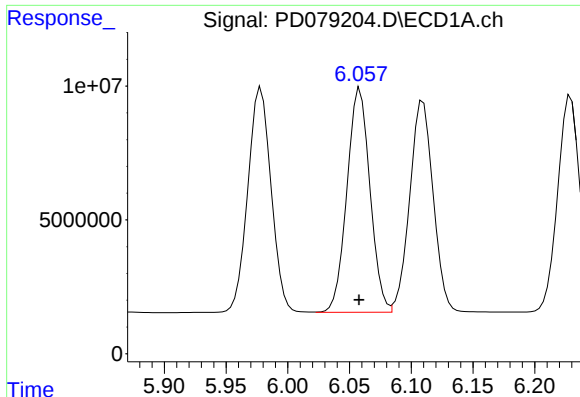
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 110742008
Conc: 48.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 143245858
Conc: 49.92 ng/ml



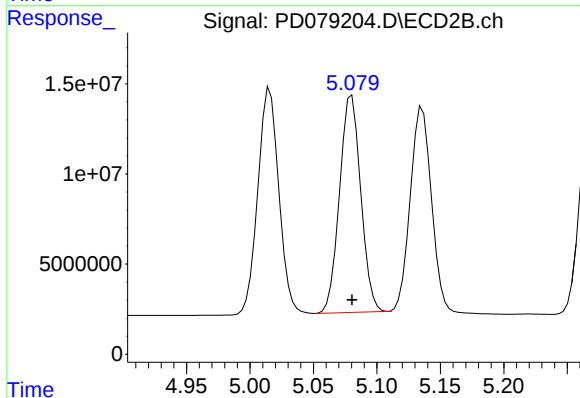
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 108902353
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

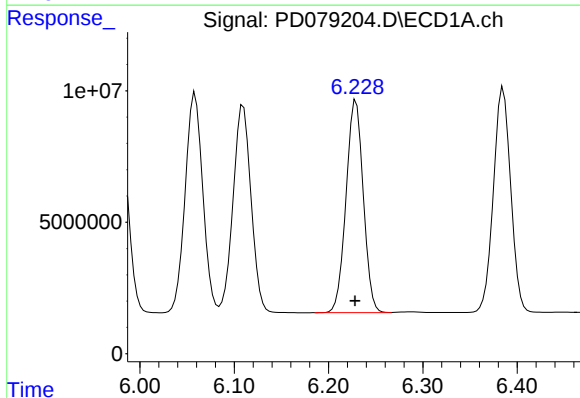
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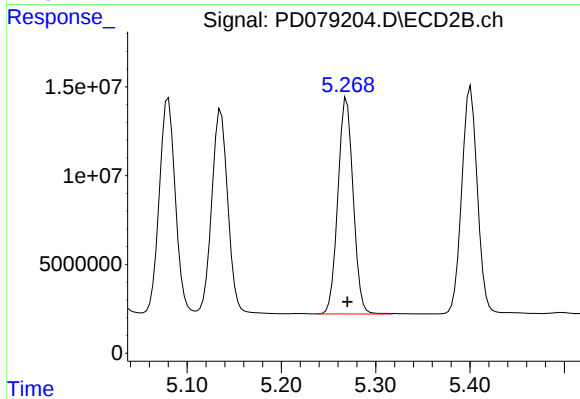
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 140142894
Conc: 48.83 ng/ml



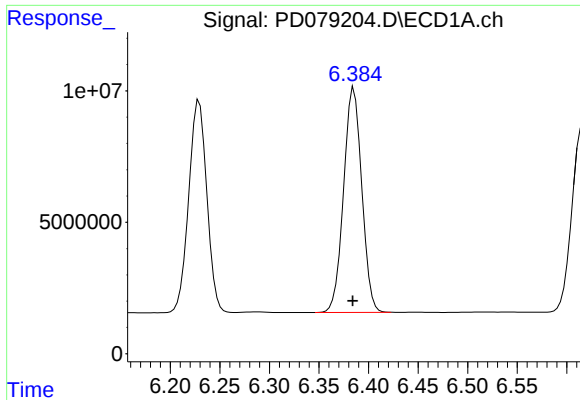
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 102756669
Conc: 48.63 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 136942212
Conc: 51.44 ng/ml



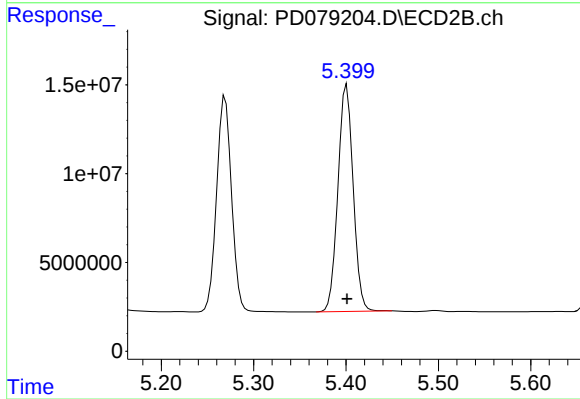
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 109135006
Conc: 46.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

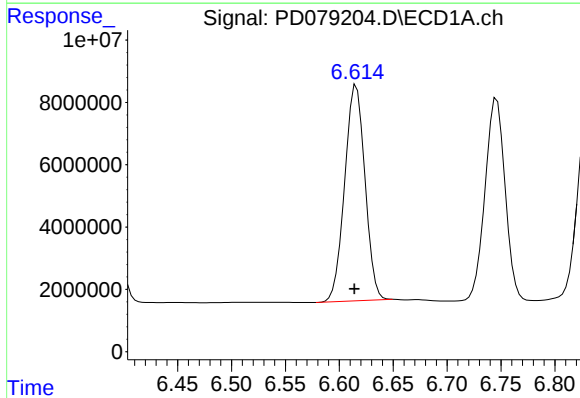
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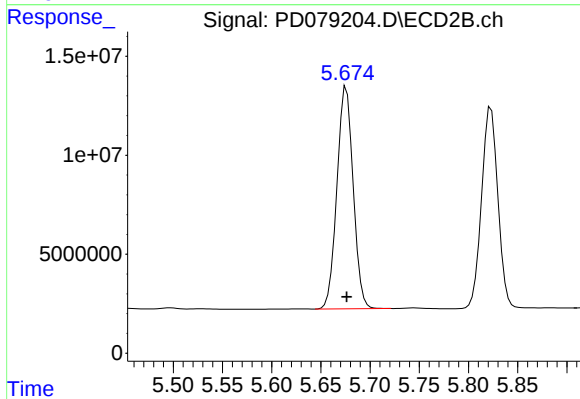
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 146483924
Conc: 49.32 ng/ml



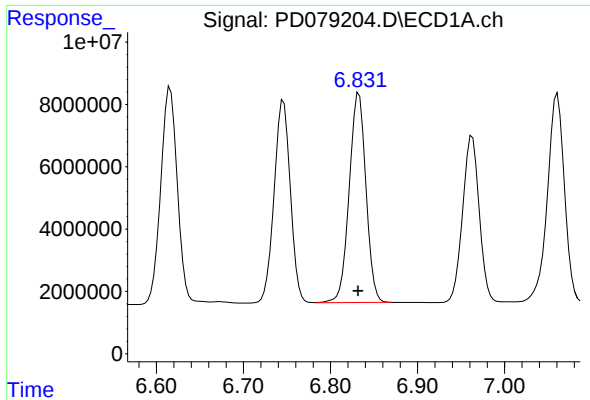
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 90950386
Conc: 46.70 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 129064300
Conc: 50.43 ng/ml



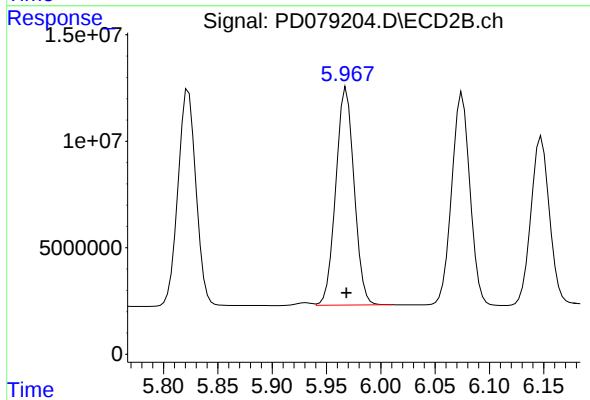
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 89909635
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

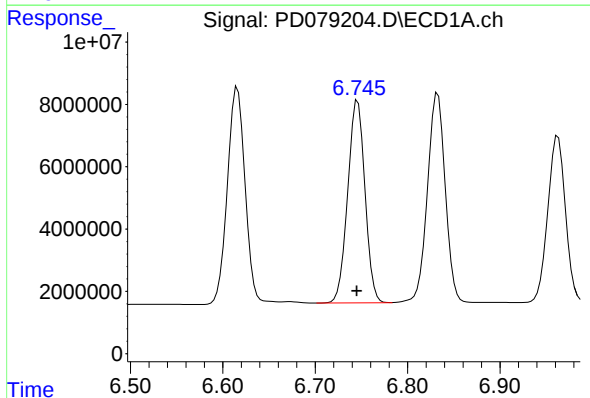
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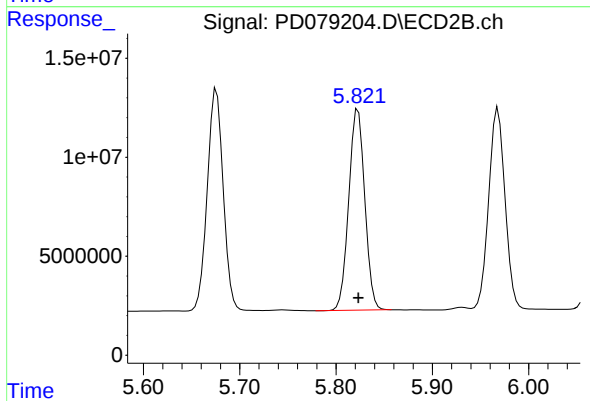
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 119853915
Conc: 48.01 ng/ml



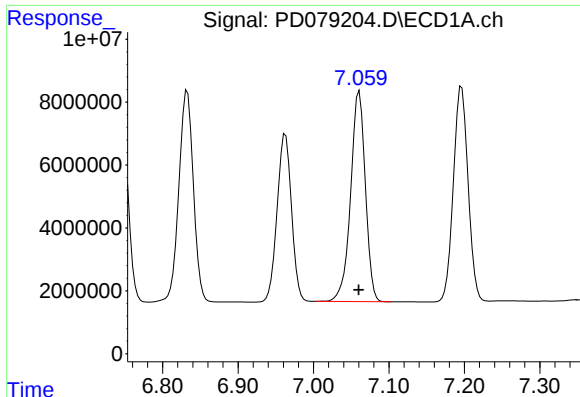
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 84322407
Conc: 47.97 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 116916114
Conc: 51.18 ng/ml



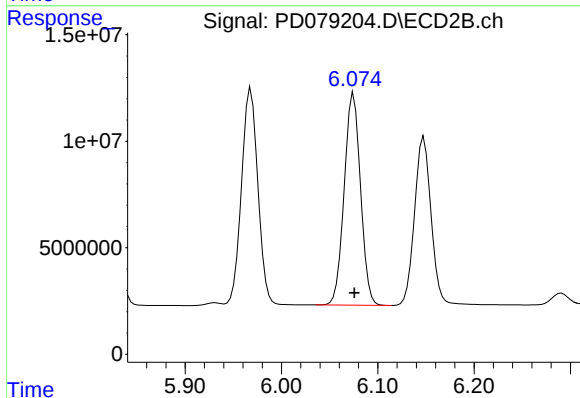
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 90763880
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

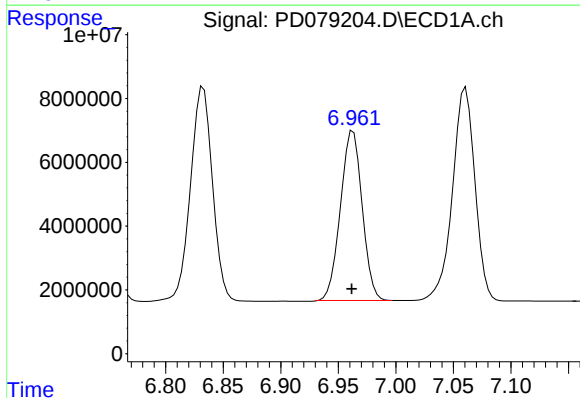
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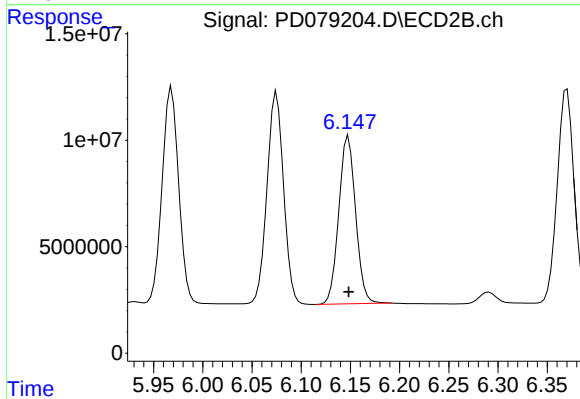
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 116760862
Conc: 51.00 ng/ml



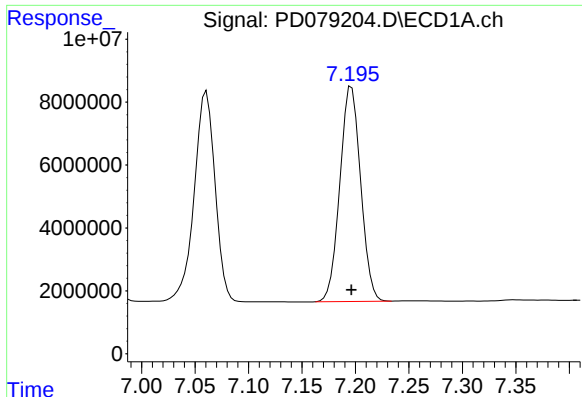
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 70085528
Conc: 45.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 93774185
Conc: 50.43 ng/ml



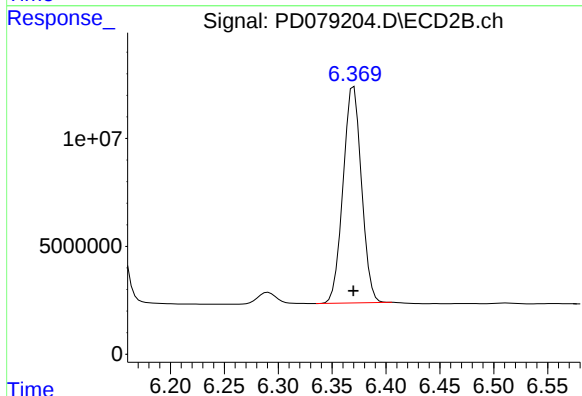
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 92584499
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

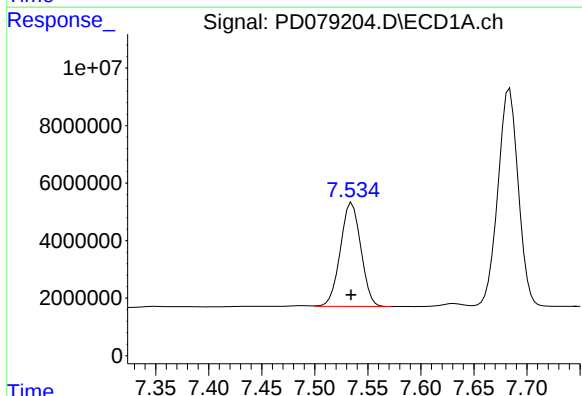
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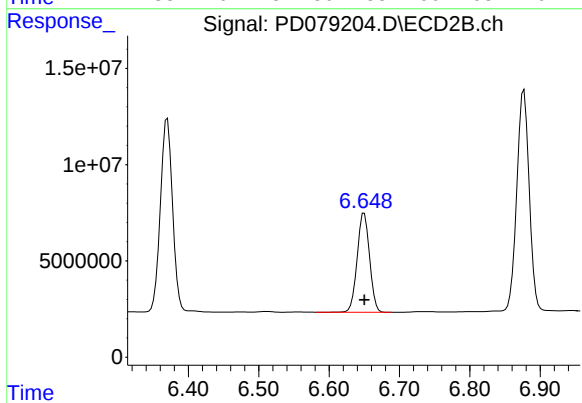
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 119486376
Conc: 51.18 ng/ml



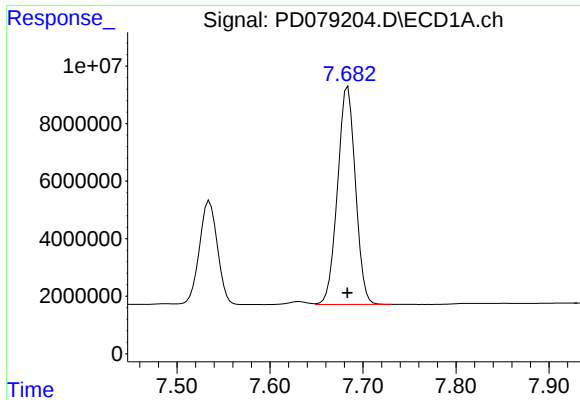
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 48381242
Conc: 44.15 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 63287338
Conc: 46.62 ng/ml



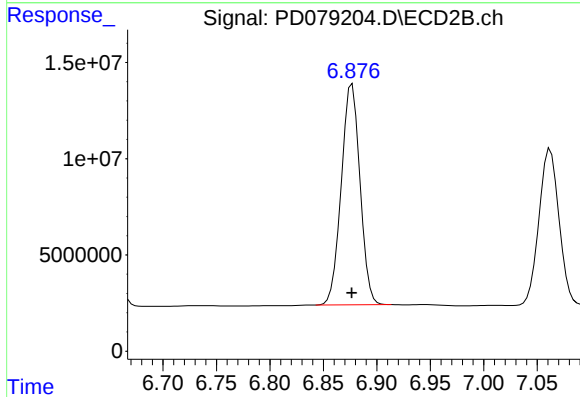
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 101212188
Conc: 46.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156664BS

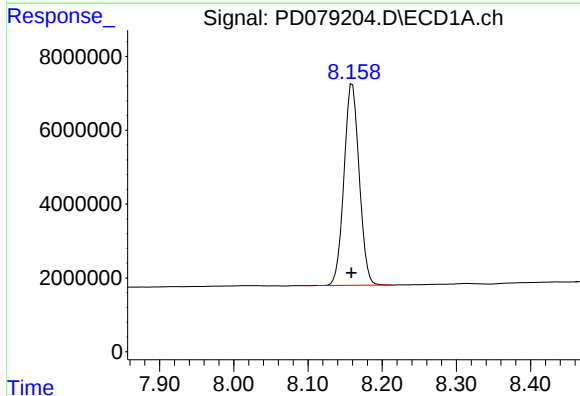
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



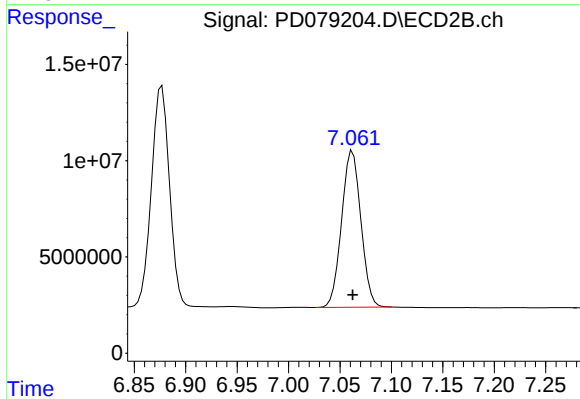
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 139917685
Conc: 50.05 ng/ml



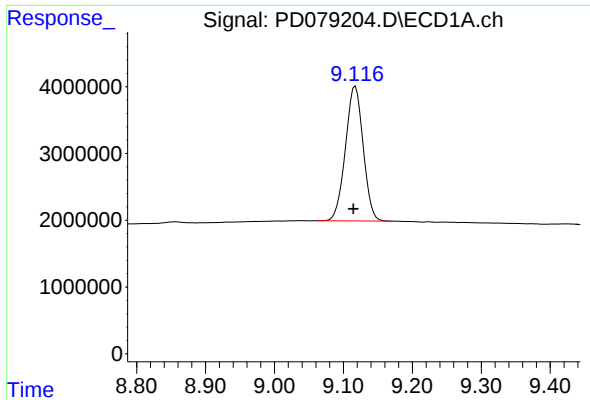
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.001 min
Response: 77843125
Conc: 45.99 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 106110019
Conc: 49.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.003 min
Response: 36113470
Conc: 18.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

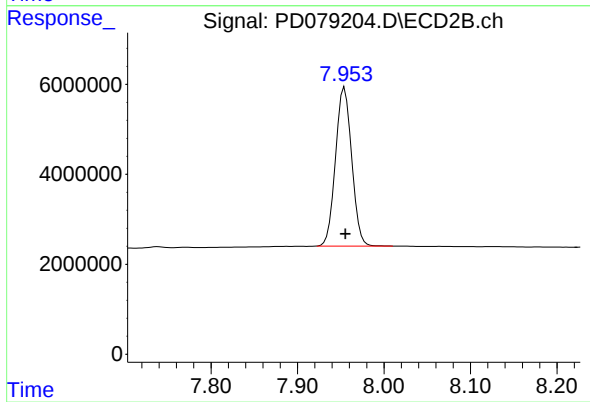
PB156664BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 45693917
Conc: 18.75 ng/ml