

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 20:47
 Operator : AR\AJ
 Sample : 05293-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 04:06:46 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	2.803	26985039	42150330	16.713	18.205
28)	SA Decachlor...	9.115	7.948	30066625	39638058	14.988	16.262
Target Compounds							
2)	A alpha-BHC	4.026	3.306	119.1E6	173.4E6	44.751	50.005
3)	MA gamma-BHC...	4.359	3.636	116.3E6	171.1E6	44.758	50.400
4)	MA Heptachlor	4.952	3.978	115.5E6	159.1E6	43.175	52.101
5)	MB Aldrin	5.296	4.259	114.8E6	165.3E6	44.544	50.523
6)	B beta-BHC	4.552	3.931	47291940	69203853	44.132	49.112
7)	B delta-BHC	4.801	4.162	117.9E6	171.1E6	44.048m	51.102
8)	B Heptachlo...	5.722	4.760	103.8E6	150.6E6	44.276	50.791
9)	A Endosulfan I	6.109	5.130	97897272	135.8E6	45.157	51.275m
10)	B gamma-Chl...	5.978	5.010	113.4E6	149.3E6	49.469	52.047m
11)	B alpha-Chl...	6.058	5.074	103.1E6	141.9E6	45.234	49.443m
12)	B 4,4'-DDE	6.228	5.264	96515035	139.9E6	45.675	52.540
13)	MA Dieldrin	6.384	5.396	106.1E6	154.2E6	45.556	51.906
14)	MA Endrin	6.614	5.671	89658552	136.8E6	46.035	53.469
15)	B Endosulfa...	6.832	5.963	90829982	129.8E6	44.533	52.003
16)	A 4,4'-DDD	6.745	5.818	80776524	118.0E6	45.950	51.649
17)	MA 4,4'-DDT	7.060	6.069	83216850	119.4E6	43.945	52.153
18)	B Endrin al...	6.960	6.142	69825622	97913763	45.215m	52.661
19)	B Endosulfa...	7.196	6.365	88134683	124.1E6	44.330	53.134
20)	A Methoxychlor	7.534	6.644	47238213	66628119	43.109	49.077
21)	B Endrin ke...	7.683	6.871	99023524	145.0E6	45.420	51.857
22)	Mirex	8.159	7.056	85824873	127.0E6	50.704	59.432

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 20:47
Operator : AR\AJ
Sample : 05293-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

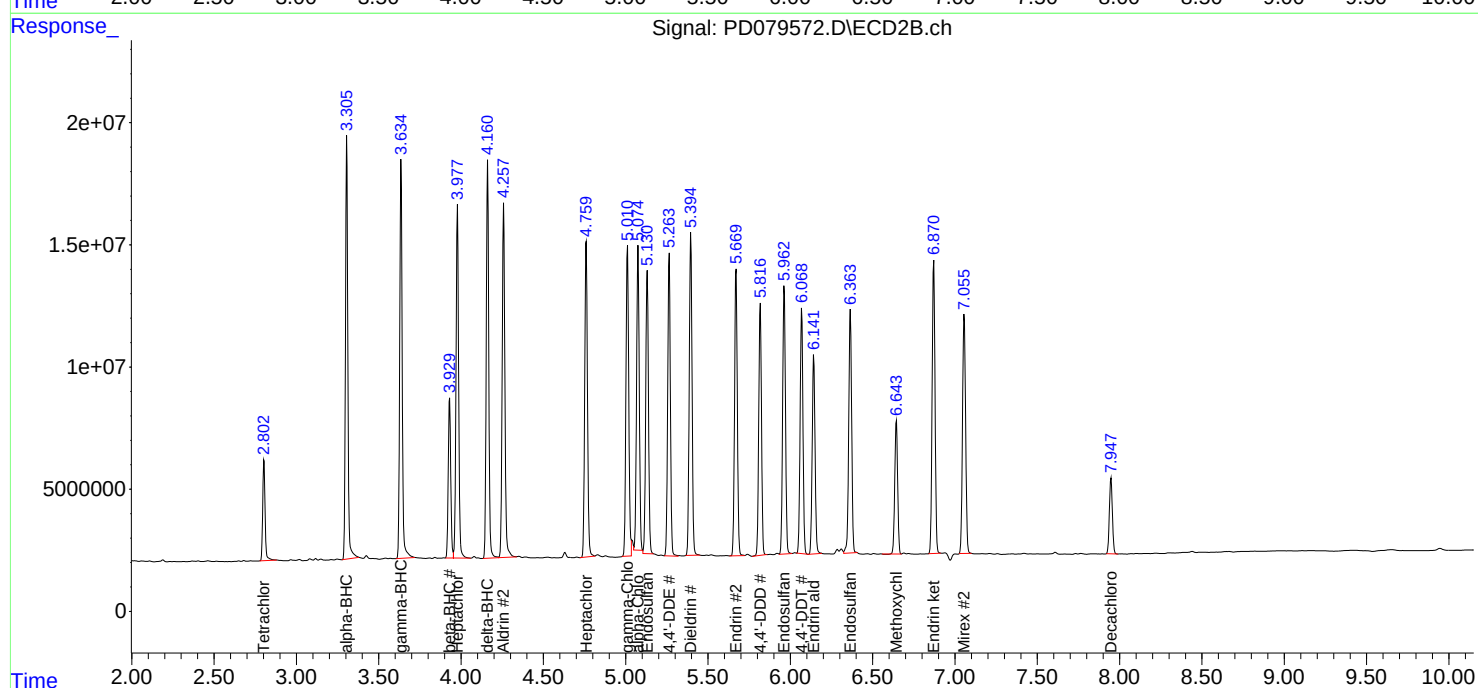
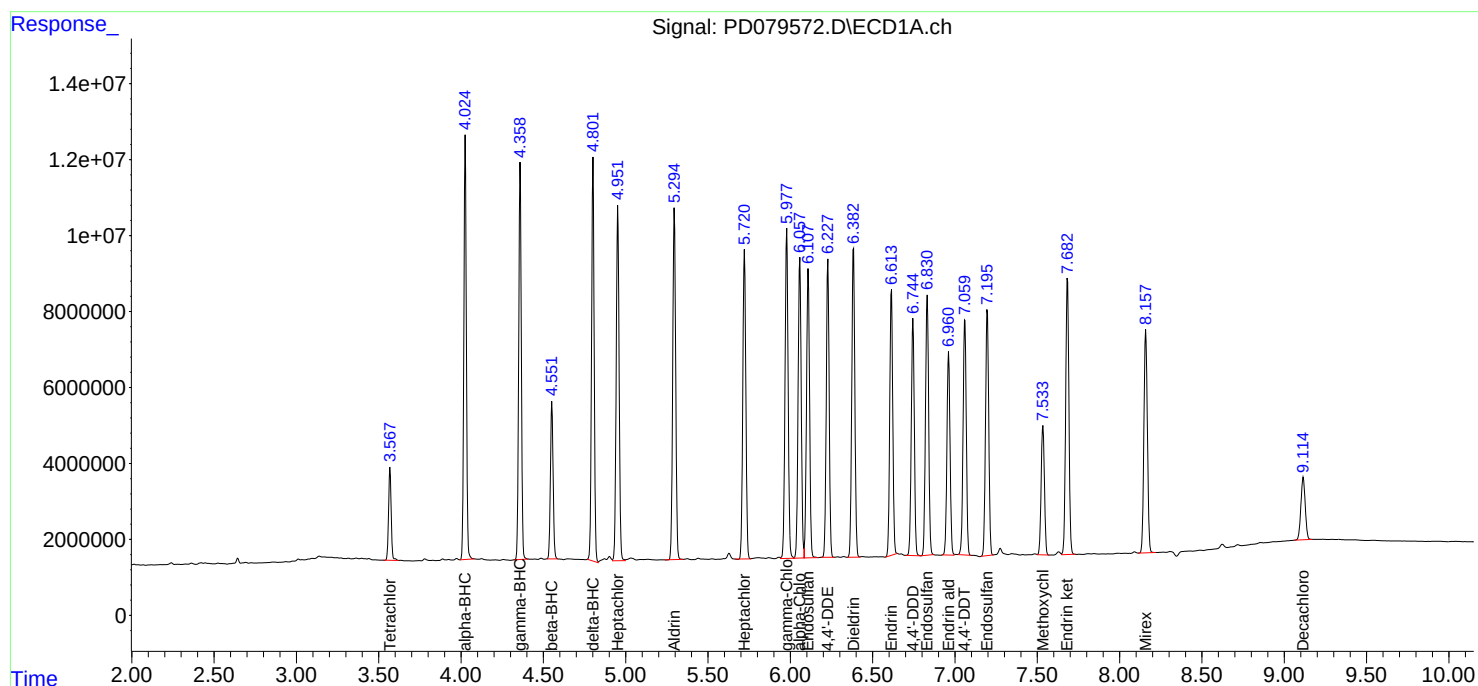
Instrument :
ECD_D
ClientSampleId :
SB-1MSD

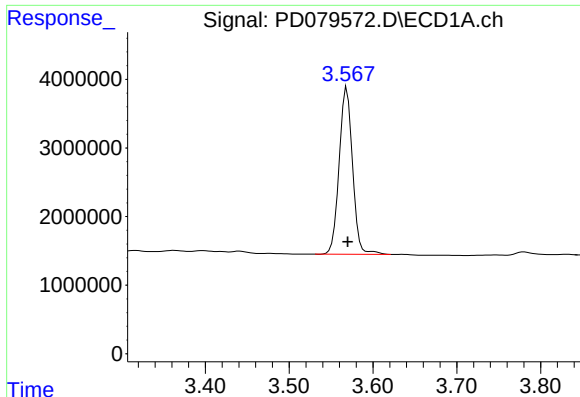
Manual Integrations
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Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 04:06:46 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
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





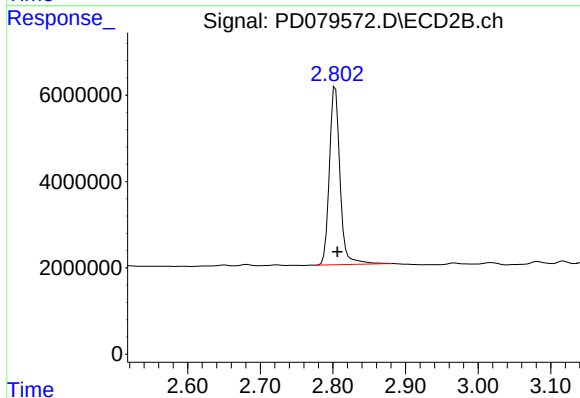
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 26985039
Conc: 16.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

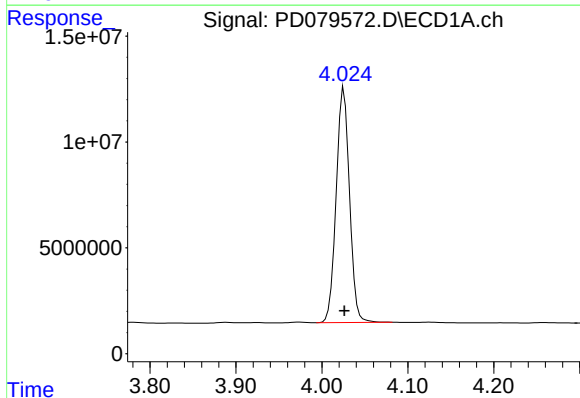
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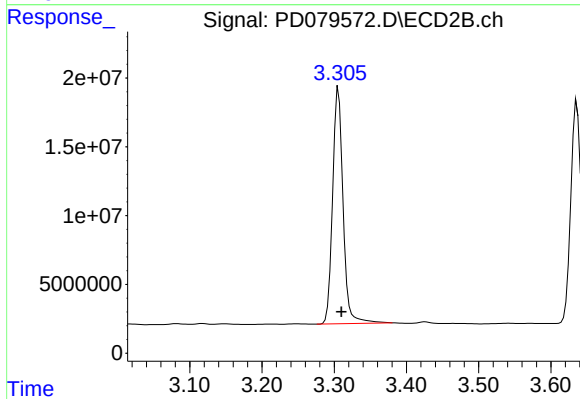
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 42150330
Conc: 18.21 ng/ml



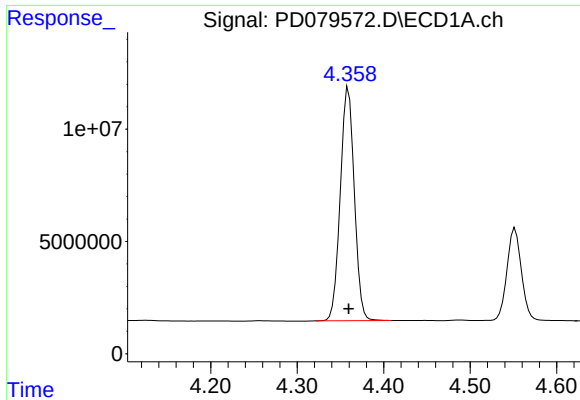
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 119129404
Conc: 44.75 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 173387801
Conc: 50.00 ng/ml



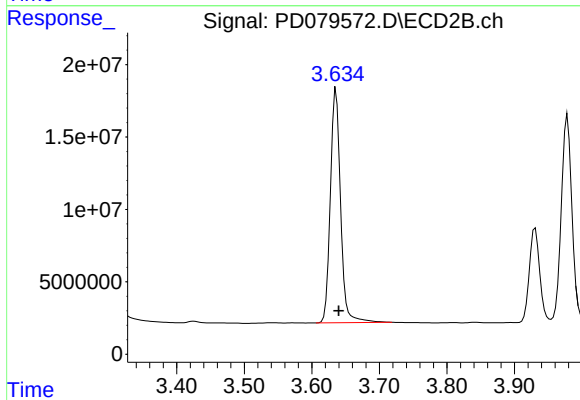
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 116317871
Conc: 44.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

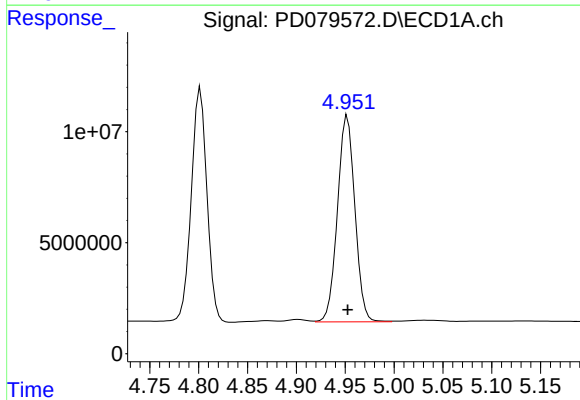
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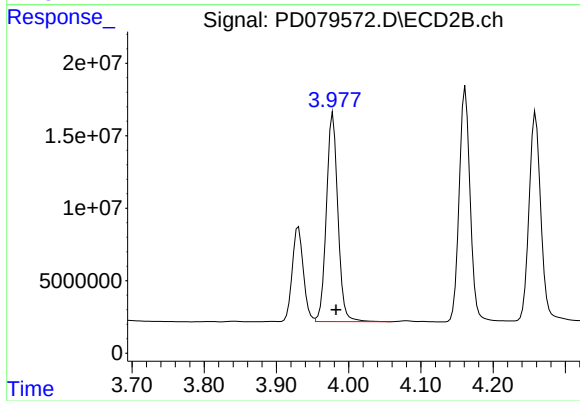
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 171147752
Conc: 50.40 ng/ml



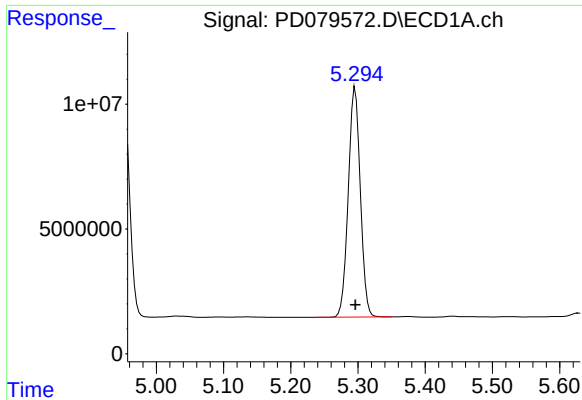
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 115490213
Conc: 43.17 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 159124079
Conc: 52.10 ng/ml



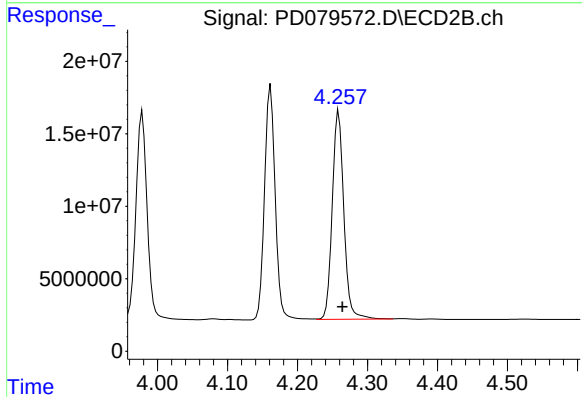
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 114781347
Conc: 44.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

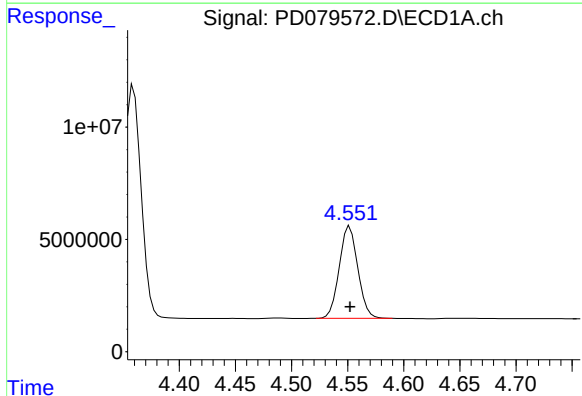
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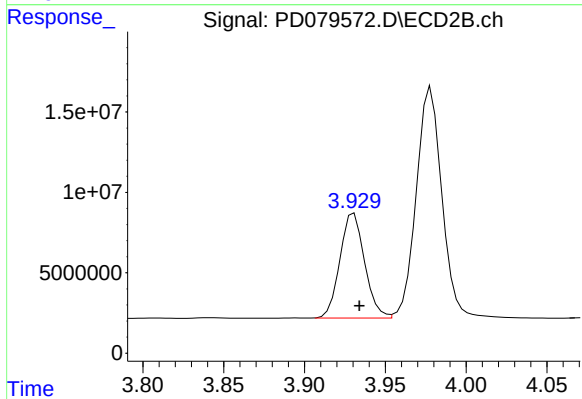
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 165277835
Conc: 50.52 ng/ml



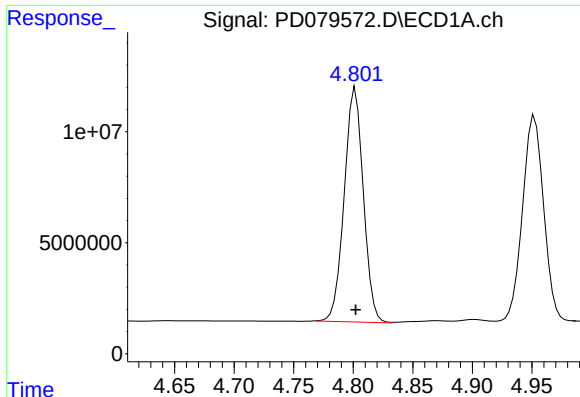
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 47291940
Conc: 44.13 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 69203853
Conc: 49.11 ng/ml



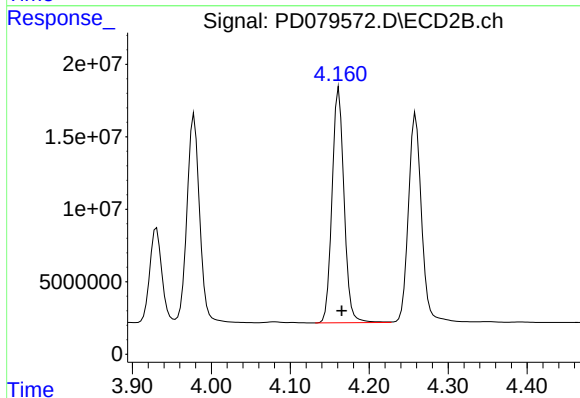
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 117918736
Conc: 44.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

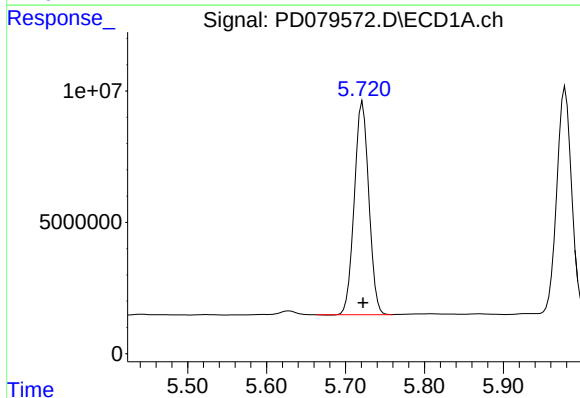
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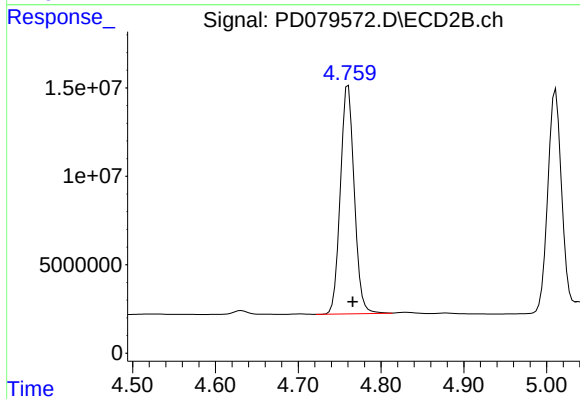
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 171101976
Conc: 51.10 ng/ml



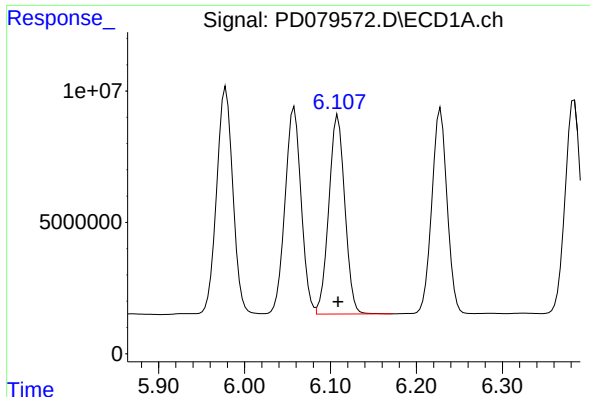
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 103768062
Conc: 44.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 150581248
Conc: 50.79 ng/ml



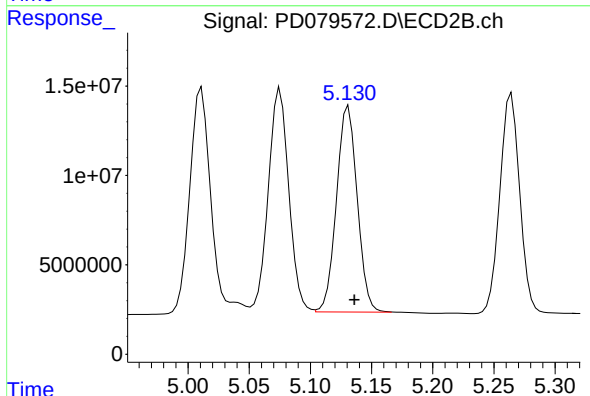
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 97897272
Conc: 45.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

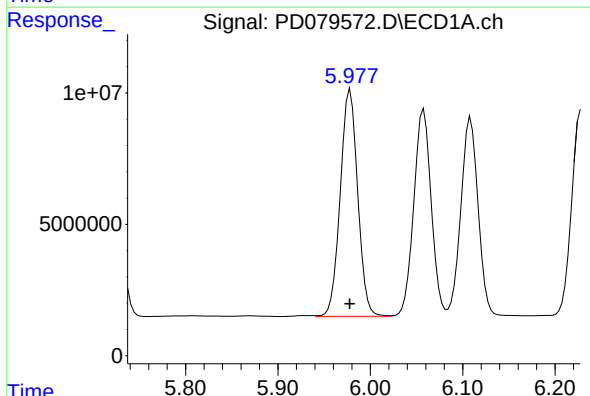
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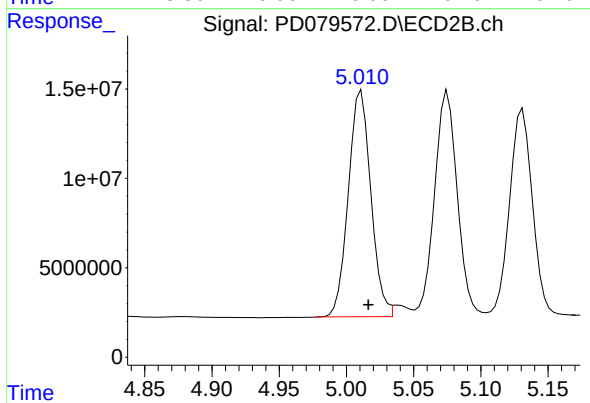
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 135762096
Conc: 51.28 ng/ml m



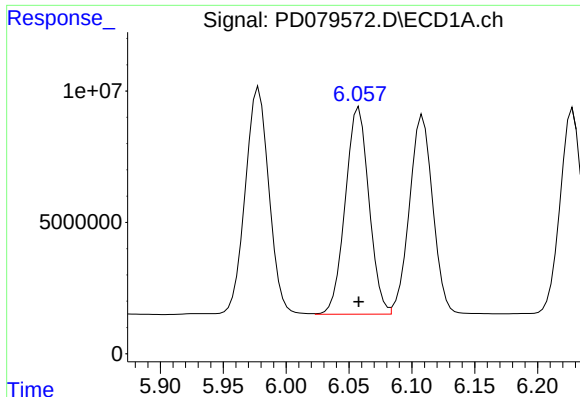
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 113418896
Conc: 49.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.007 min
Response: 149346592
Conc: 52.05 ng/ml m



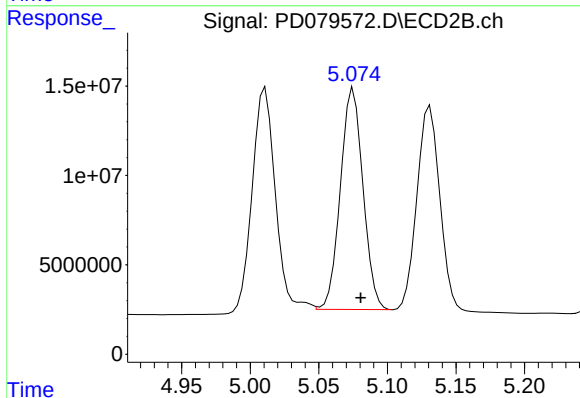
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 103143057
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

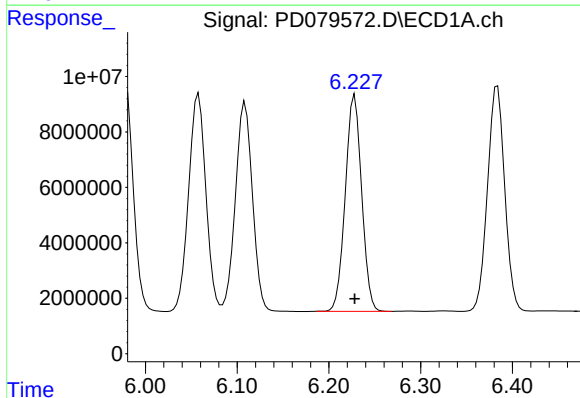
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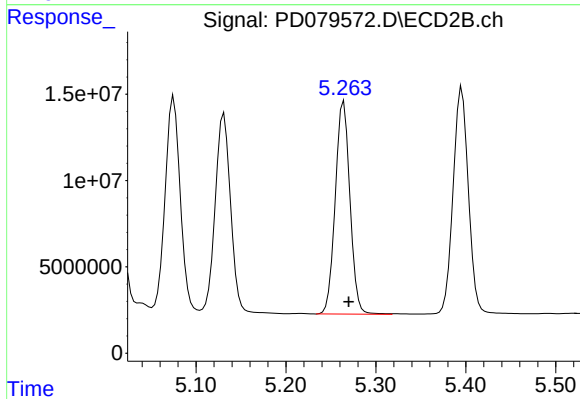
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 141893190
Conc: 49.44 ng/ml m



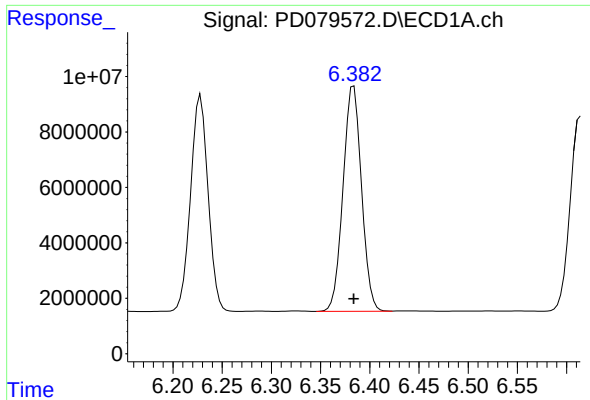
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 96515035
Conc: 45.68 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 139883025
Conc: 52.54 ng/ml



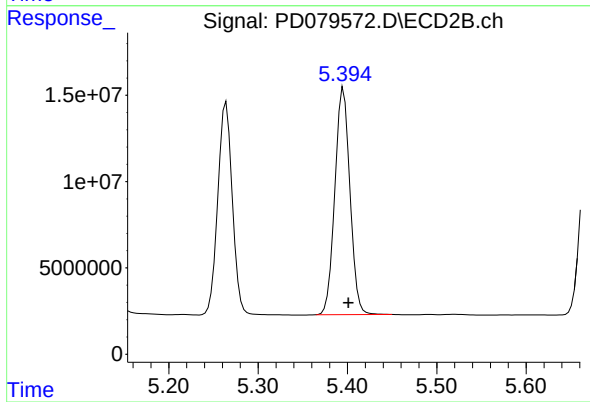
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106093000
Conc: 45.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

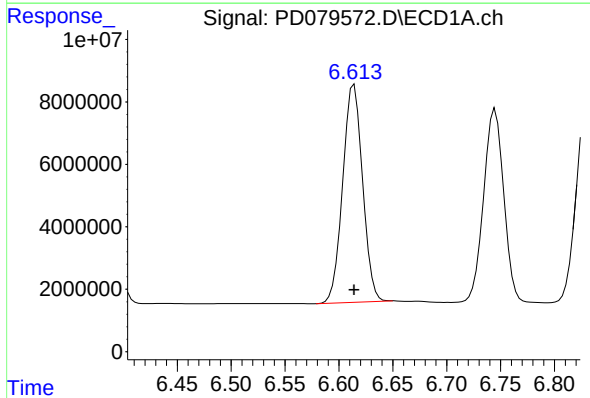
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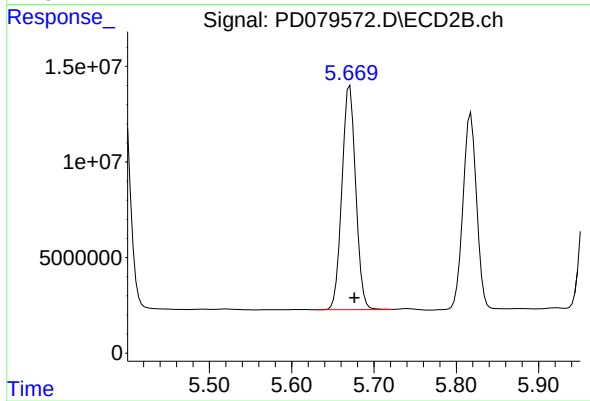
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.006 min
Response: 154156022
Conc: 51.91 ng/ml



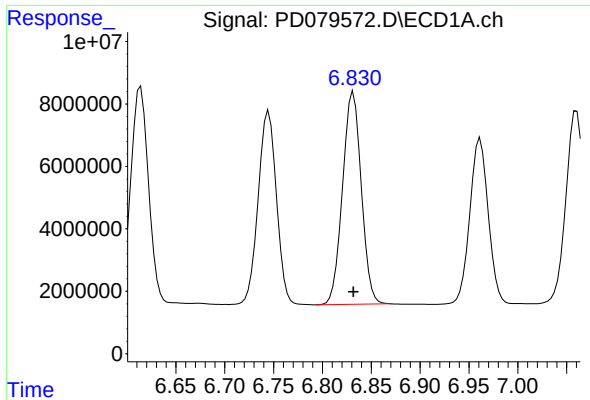
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 89658552
Conc: 46.04 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 136832972
Conc: 53.47 ng/ml



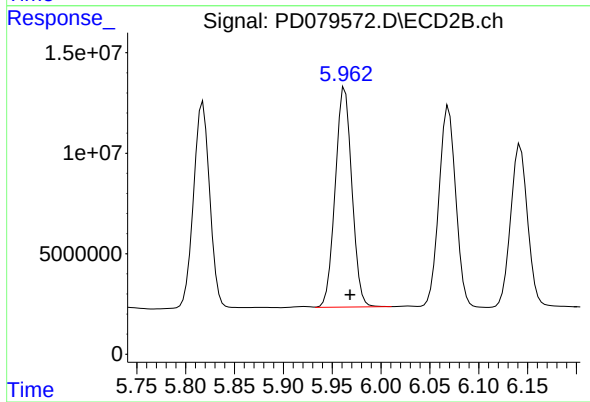
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 90829982
Conc: 44.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

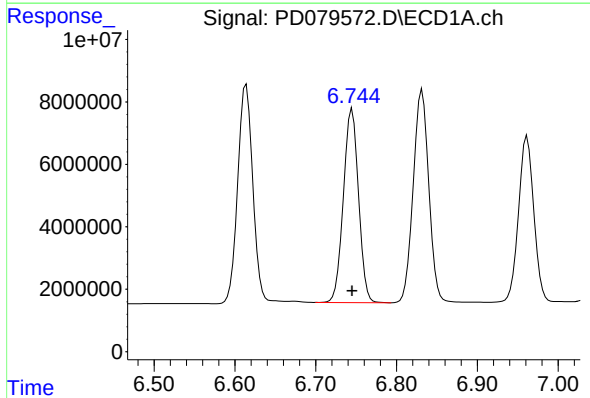
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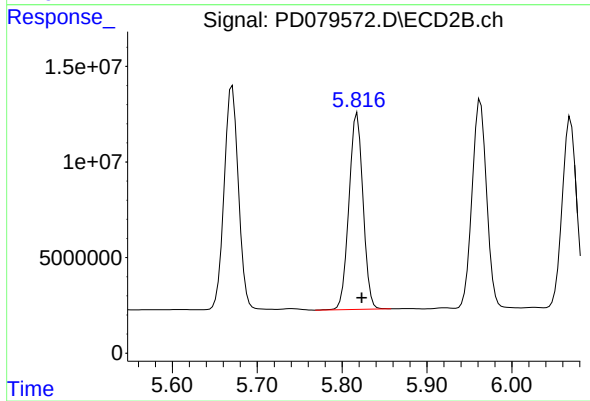
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 129825117
Conc: 52.00 ng/ml



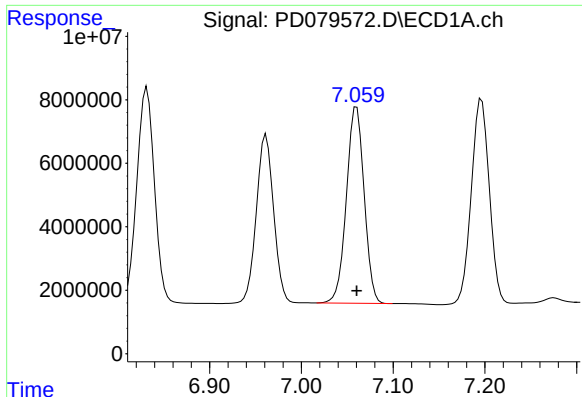
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 80776524
Conc: 45.95 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 117980213
Conc: 51.65 ng/ml



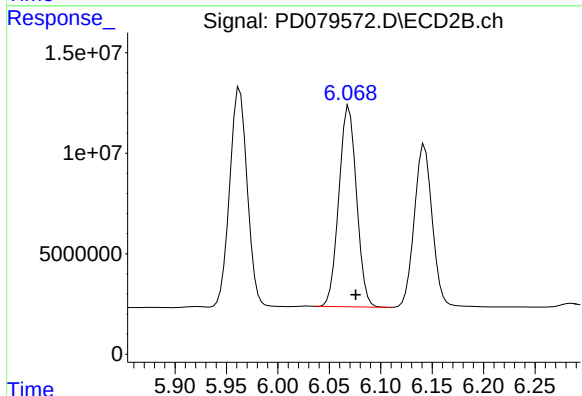
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 83216850
Conc: 43.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

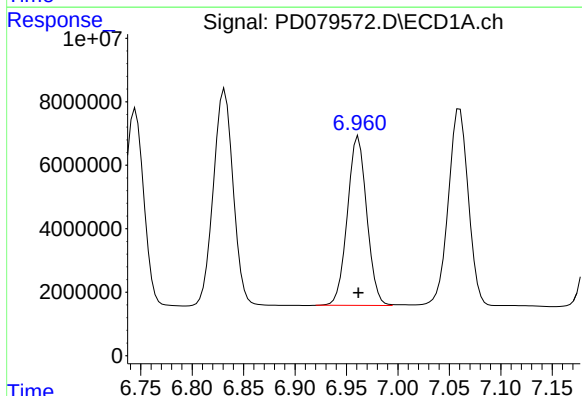
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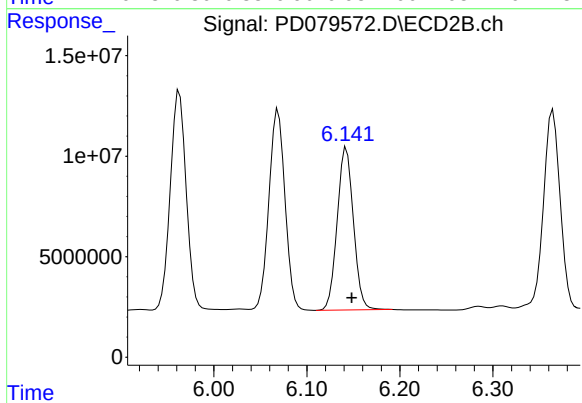
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 119398609
Conc: 52.15 ng/ml



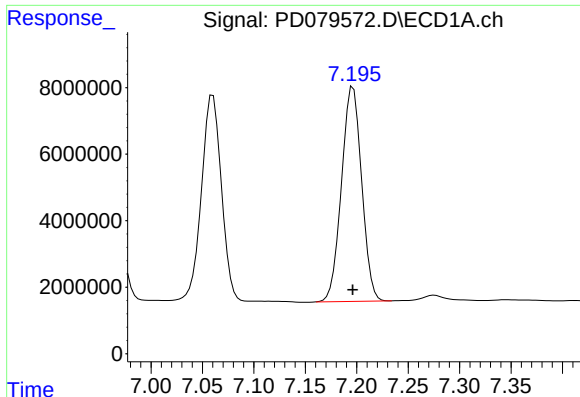
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 69825622
Conc: 45.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 97913763
Conc: 52.66 ng/ml



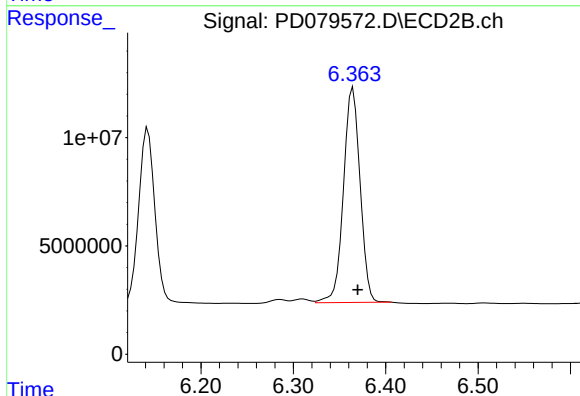
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 88134683
Conc: 44.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

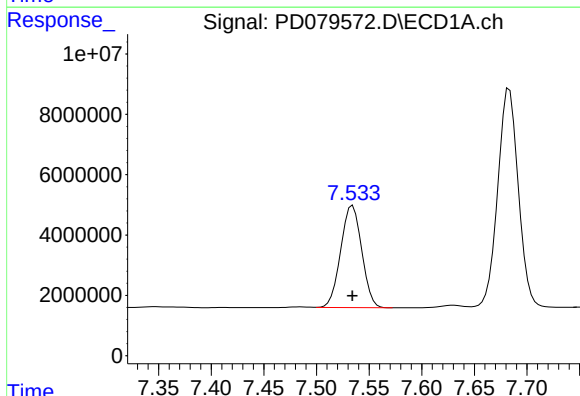
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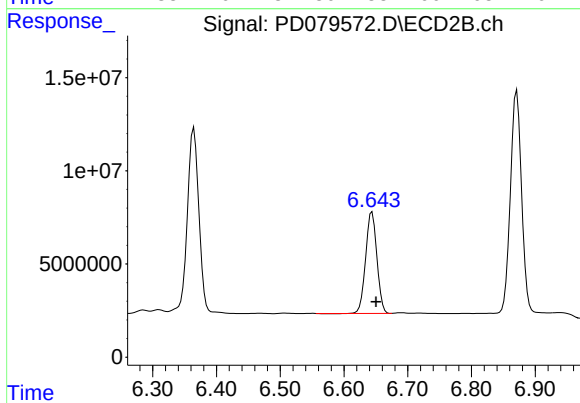
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 124057995
Conc: 53.13 ng/ml



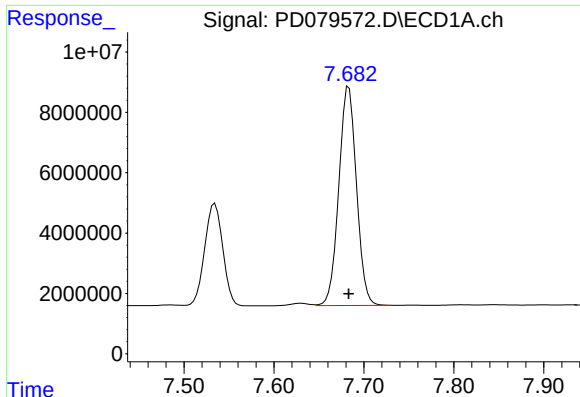
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 47238213
Conc: 43.11 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 66628119
Conc: 49.08 ng/ml



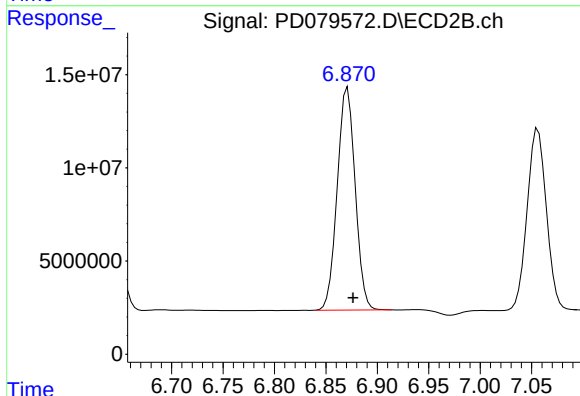
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 99023524
Conc: 45.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

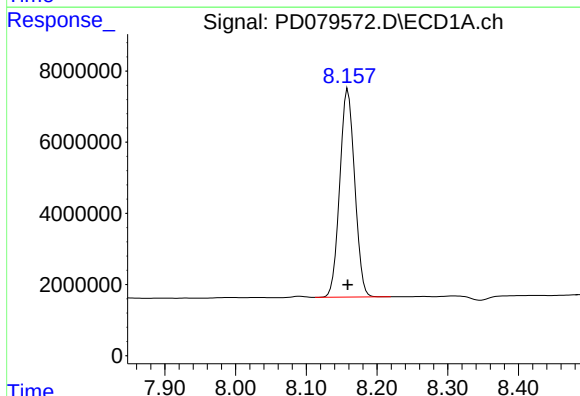
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Supervised By :Ankita Jodhani 11/09/2023



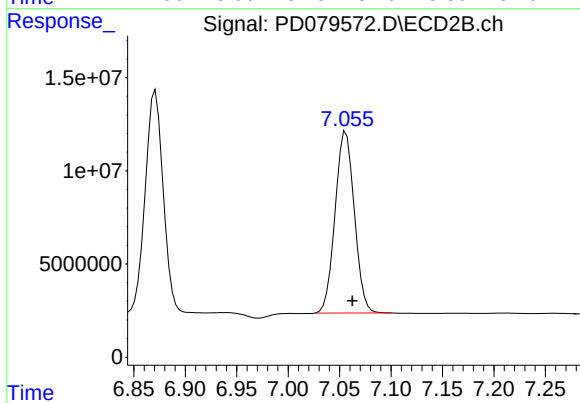
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 144978895
Conc: 51.86 ng/ml



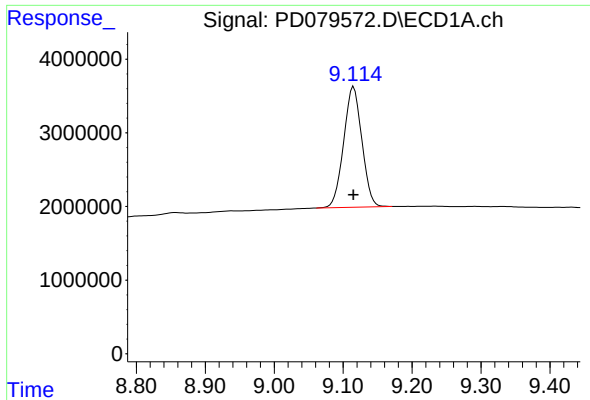
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 85824873
Conc: 50.70 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 126966223
Conc: 59.43 ng/ml



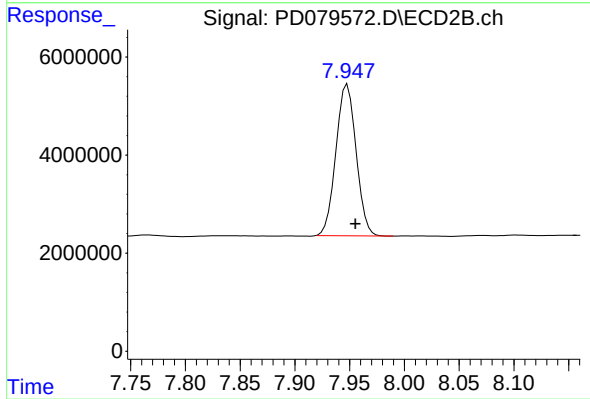
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 30066625
Conc: 14.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: -0.007 min
Response: 39638058
Conc: 16.26 ng/ml