

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 16:51
 Operator : AR\AJ
 Sample : PB157022BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB157022BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2023
 Supervised By : Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:10:27 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	2.804	29503424	46964068	18.273	20.284
2)	SA Decachlor...	9.117	7.947	40538319	54126736	20.208	22.206m
Target Compounds							
2)	A alpha-BHC	4.026	3.307	126.7E6	184.8E6	47.589	53.305
3)	MA gamma-BHC...	4.360	3.636	122.9E6	181.8E6	47.283	53.547
4)	MA Heptachlor	4.953	3.979	121.5E6	168.3E6	45.412	55.111
5)	MB Aldrin	5.297	4.259	123.1E6	176.3E6	47.779	53.895
6)	B beta-BHC	4.553	3.931	48873636	72617577	45.609	51.535
7)	B delta-BHC	4.801	4.162	124.5E6	181.3E6	46.525m	54.149
8)	B Heptachlo...	5.723	4.761	111.8E6	160.9E6	47.693	54.273
9)	A Endosulfan I	6.109	5.130	104.5E6	145.6E6	48.191	54.988m
10)	B gamma-Chl...	5.979	5.010	110.0E6	158.0E6	47.996	55.046m
11)	B alpha-Chl...	6.058	5.074	109.3E6	153.9E6	47.934	53.625m
12)	B 4,4'-DDE	6.229	5.265	103.6E6	149.6E6	49.011	56.190
13)	MA Dieldrin	6.385	5.396	113.4E6	164.2E6	48.688	55.272
14)	MA Endrin	6.615	5.671	89132493	135.8E6	45.765	53.053
15)	B Endosulfa...	6.833	5.963	97509046	139.6E6	47.807	55.912
16)	A 4,4'-DDD	6.746	5.818	87189882	129.2E6	49.598	56.575
17)	MA 4,4'-DDT	7.061	6.069	88297297	124.3E6	46.628	54.275
18)	B Endrin al...	6.961	6.143	80330846	111.9E6	52.017m	60.169
19)	B Endosulfa...	7.197	6.365	95388930	131.6E6	47.979	56.381
20)	A Methoxychlor	7.535	6.644	48423636	68595418	44.191	50.526
21)	B Endrin ke...	7.684	6.872	108.8E6	161.9E6	49.920	57.924
22)	Mirex	8.160	7.057	91638795	135.7E6	54.139	63.520

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 16:51
Operator : AR\AJ
Sample : PB157022BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB157022BS

Manual Integrations

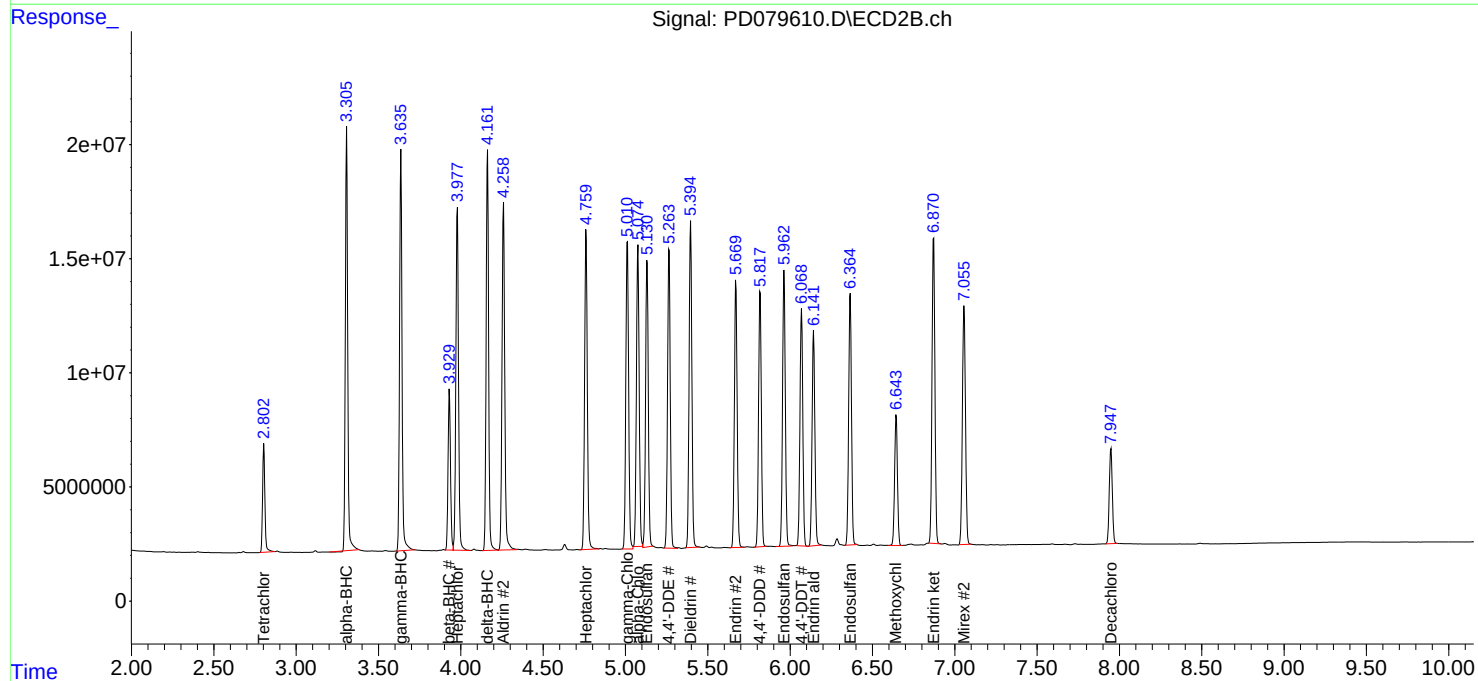
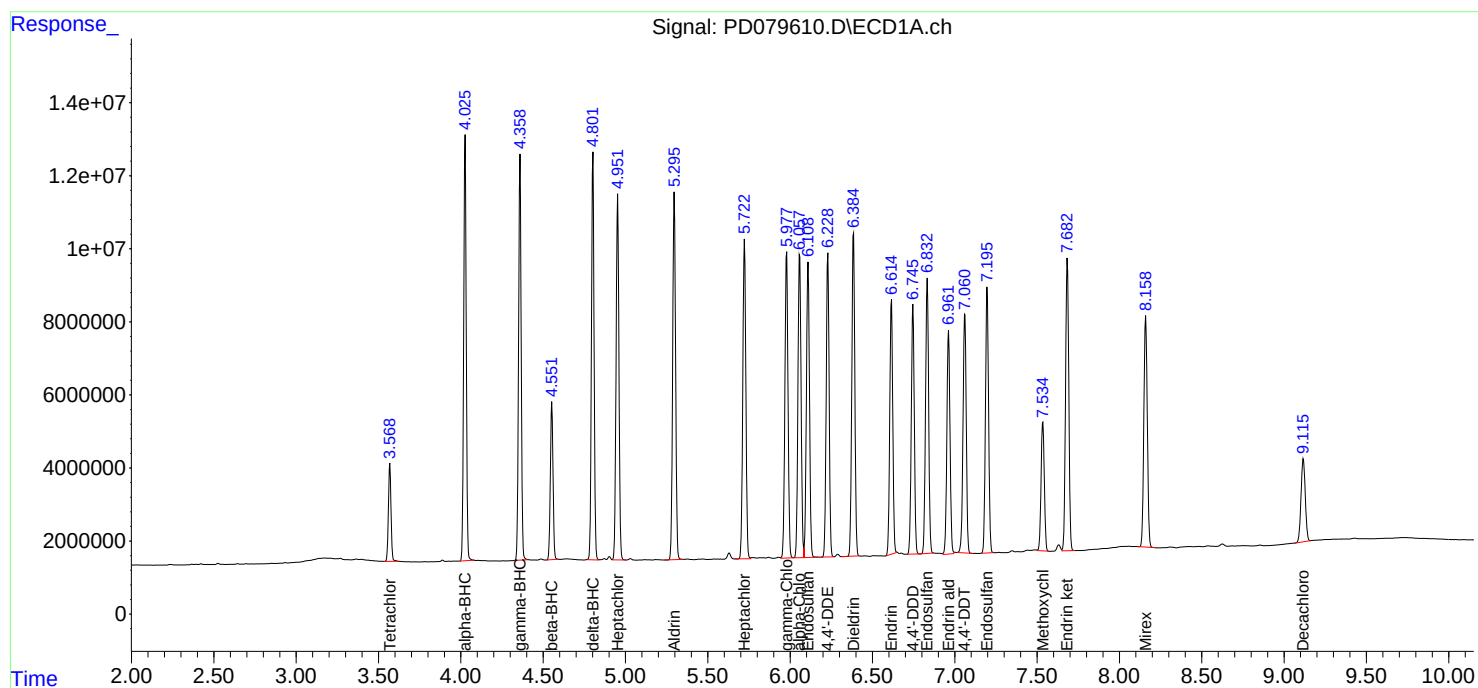
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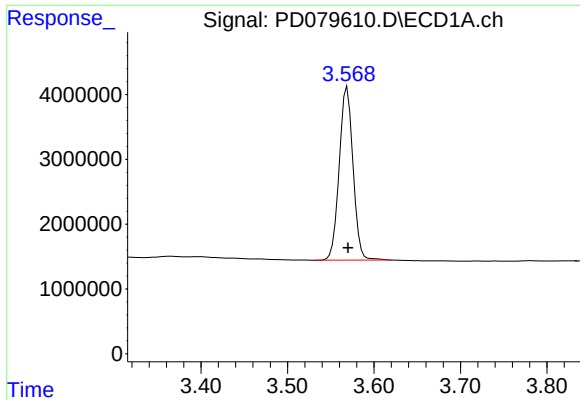
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:10:27 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





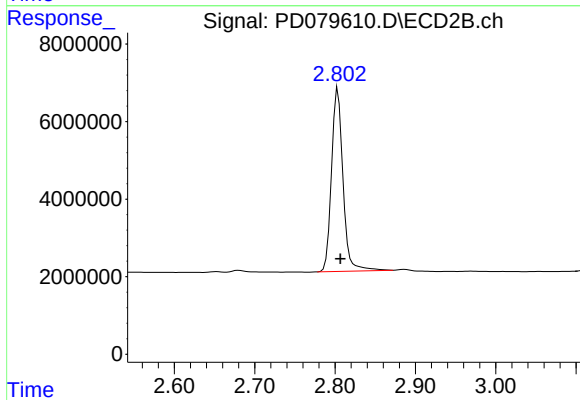
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 29503424
Conc: 18.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

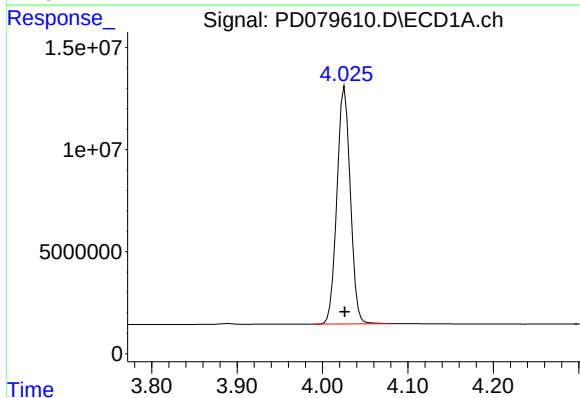
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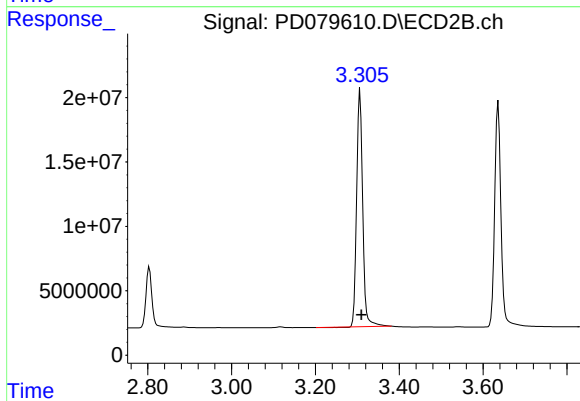
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: -0.003 min
Response: 46964068
Conc: 20.28 ng/ml



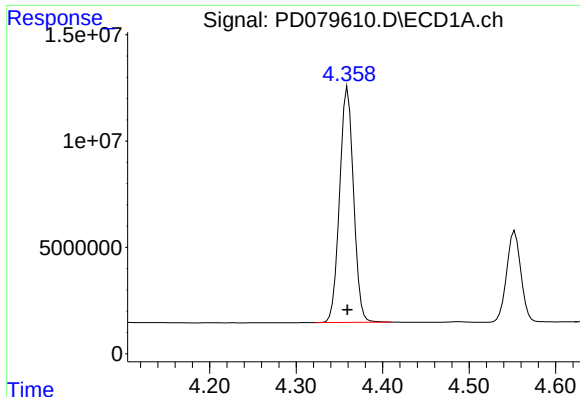
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 126686193
Conc: 47.59 ng/ml



#2 alpha-BHC

R.T.: 3.307 min
Delta R.T.: -0.003 min
Response: 184832440
Conc: 53.31 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 122881287
Conc: 47.28 ng/ml

Instrument :

ECD_D

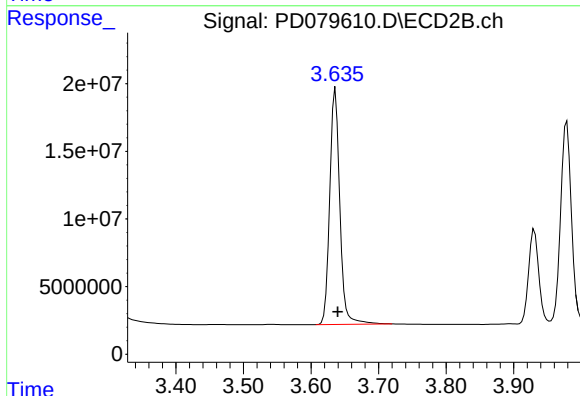
ClientSampleId :

PB157022BS

Manual Integrations

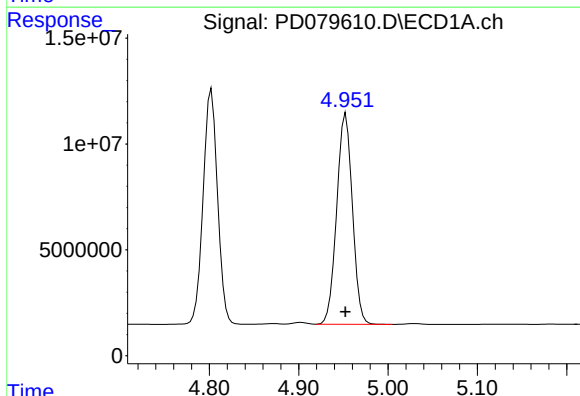
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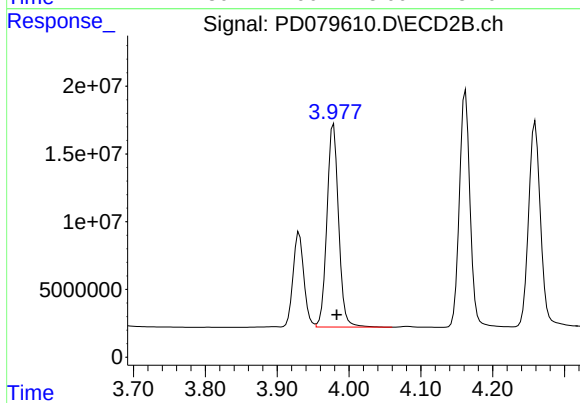
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 181833040
Conc: 53.55 ng/ml



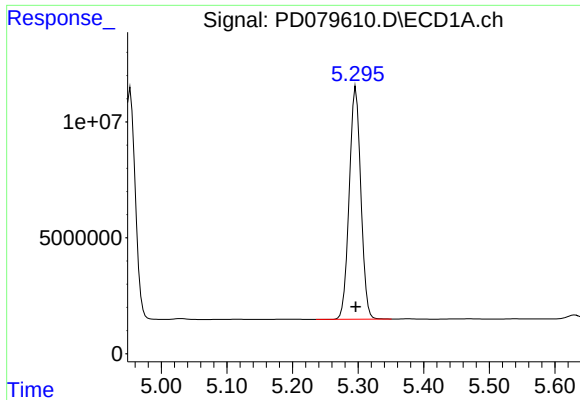
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 121474487
Conc: 45.41 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 168314570
Conc: 55.11 ng/ml



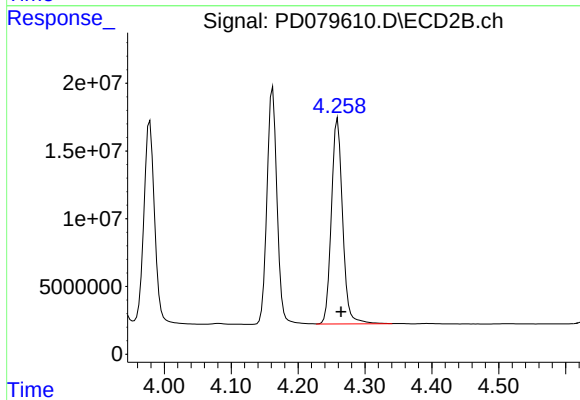
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 123117734
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

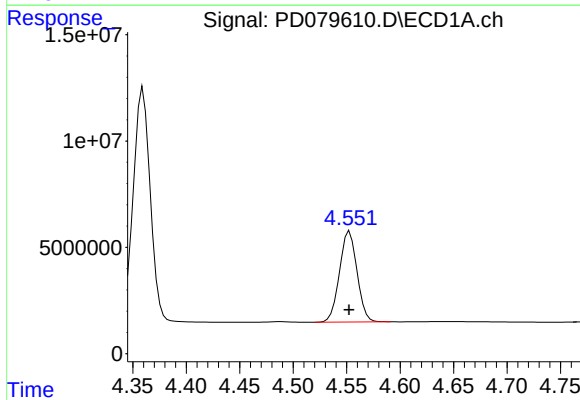
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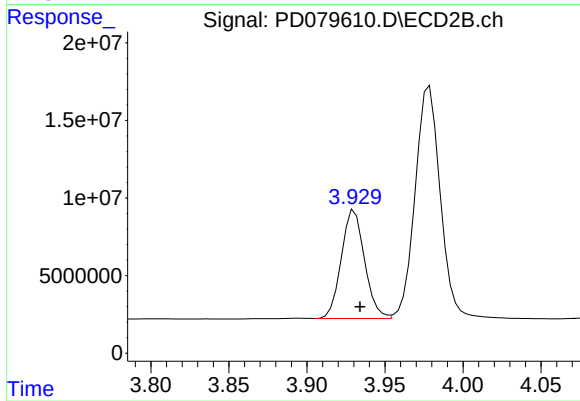
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 176306999
Conc: 53.89 ng/ml



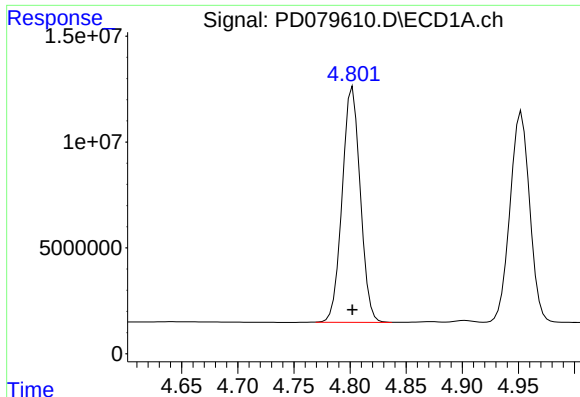
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 48873636
Conc: 45.61 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 72617577
Conc: 51.53 ng/ml



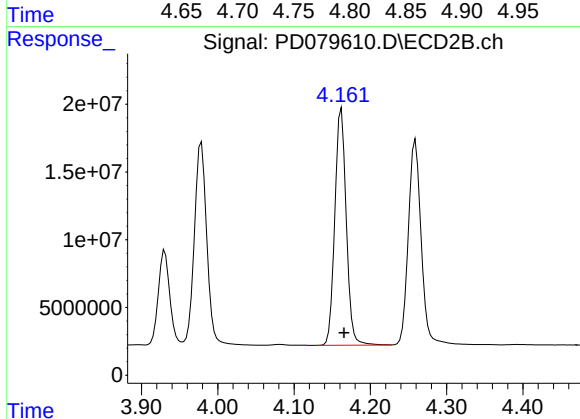
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 124549885
Conc: 46.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

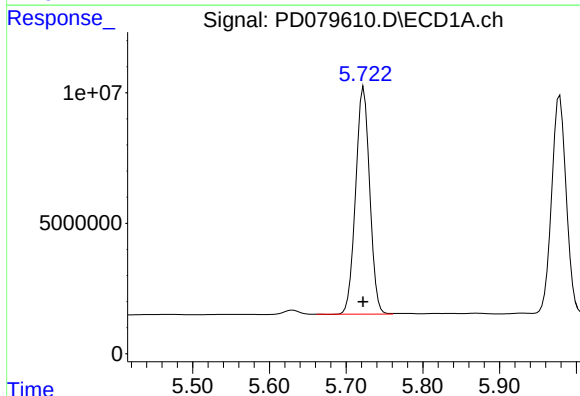
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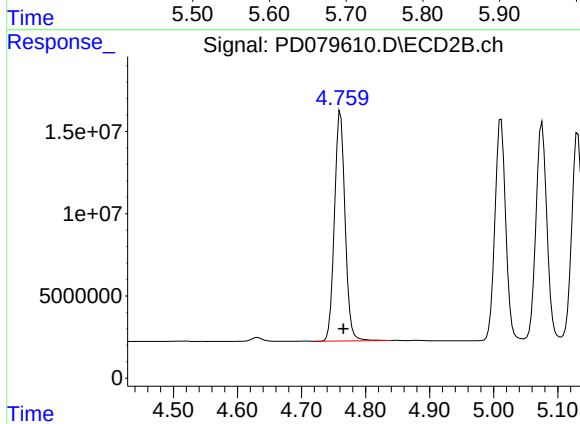
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 181302702
Conc: 54.15 ng/ml



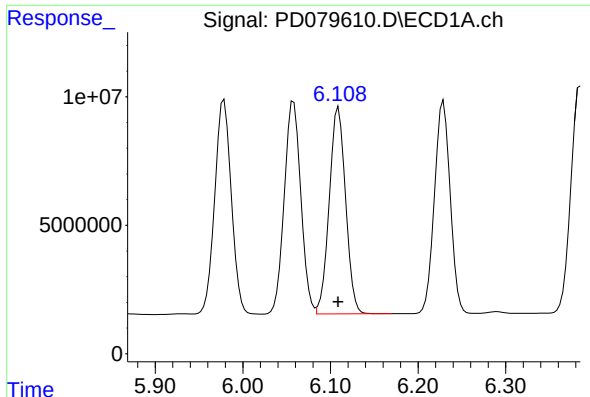
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 111778653
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 160903521
Conc: 54.27 ng/ml



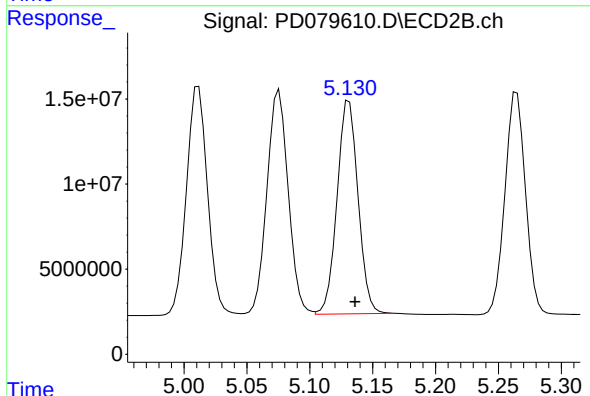
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 104474184
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

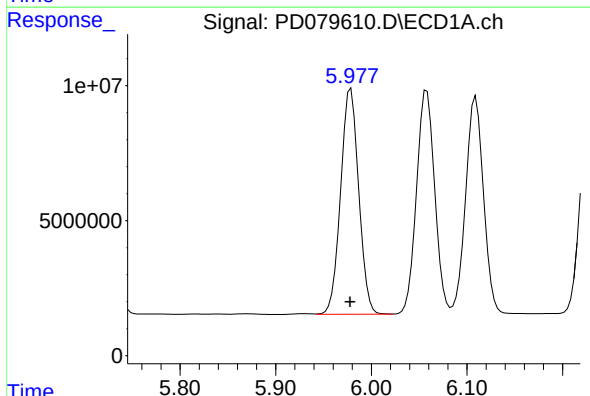
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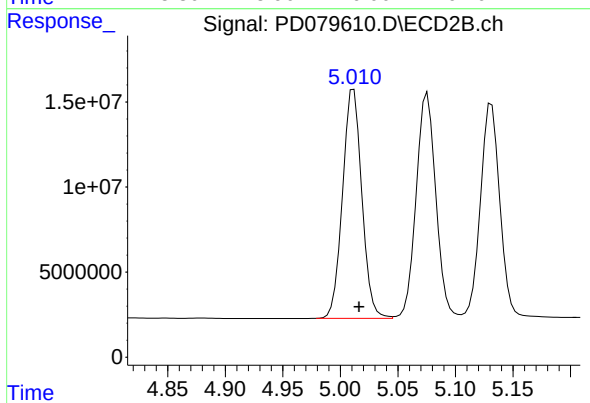
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 145590813
Conc: 54.99 ng/ml m



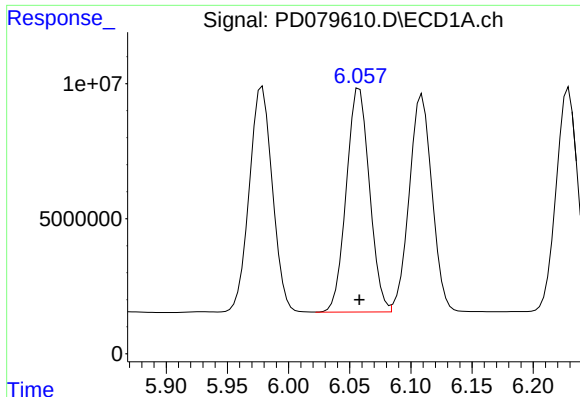
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 110041346
Conc: 48.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 157951880
Conc: 55.05 ng/ml m



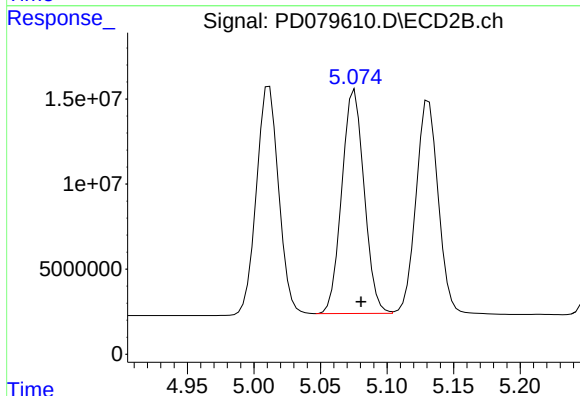
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 109298734
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

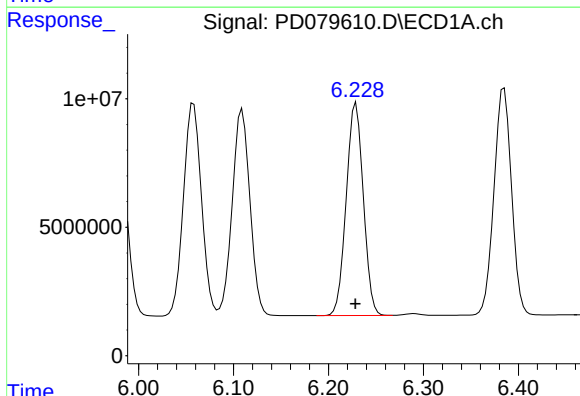
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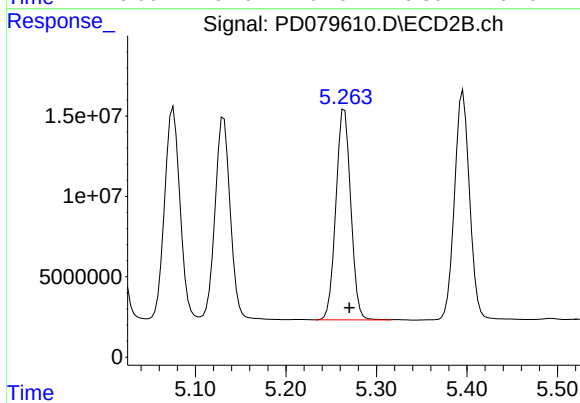
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 153894811
Conc: 53.62 ng/ml m



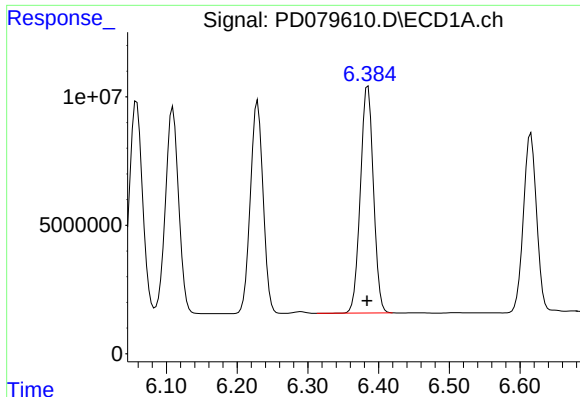
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 103564339
Conc: 49.01 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 149599119
Conc: 56.19 ng/ml



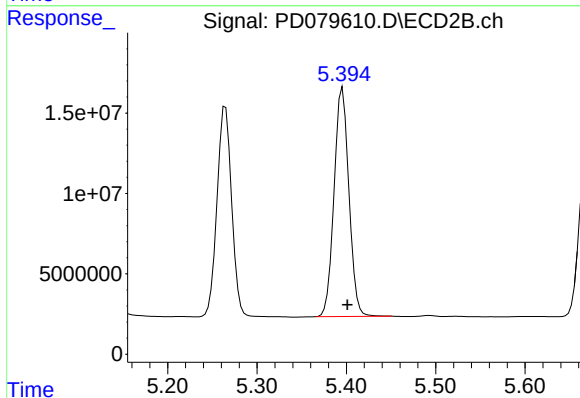
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 113386951
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

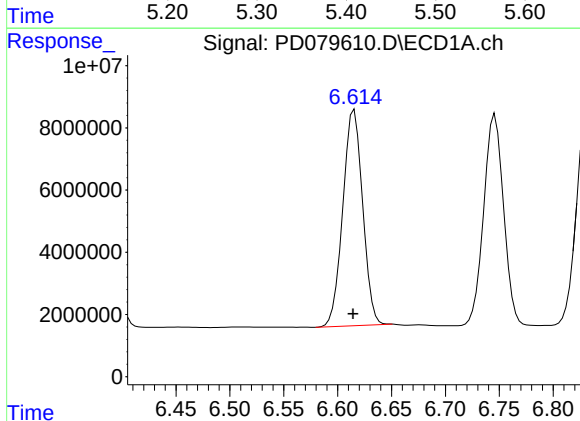
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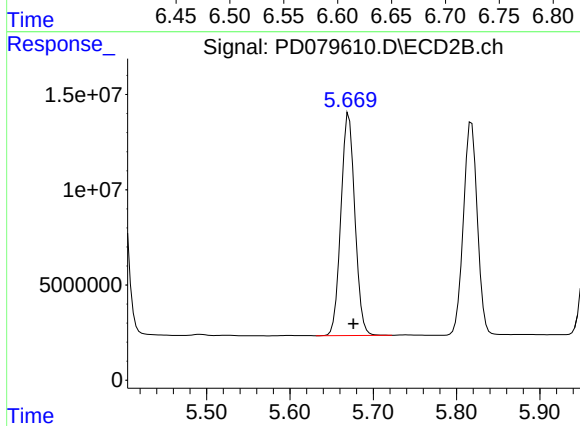
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 164153305
Conc: 55.27 ng/ml



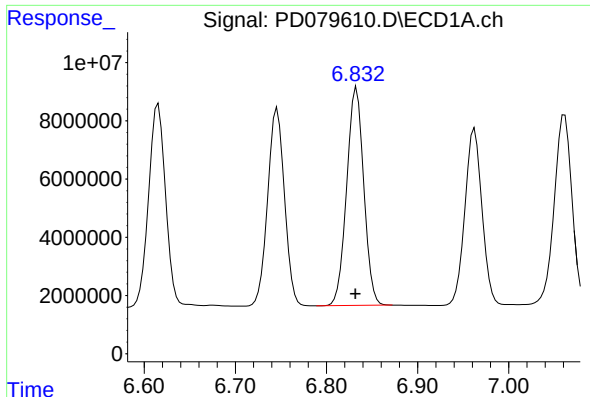
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 89132493
Conc: 45.77 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 135769112
Conc: 53.05 ng/ml



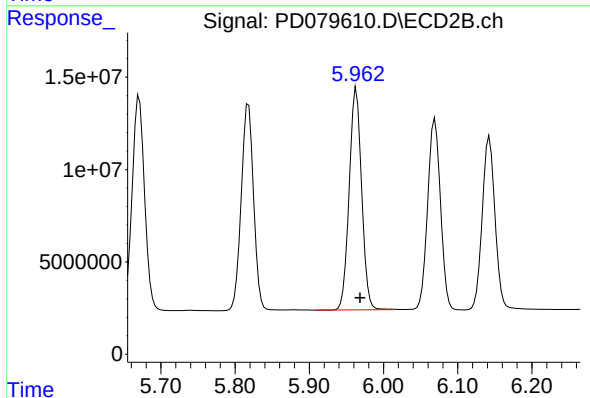
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 97509046
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

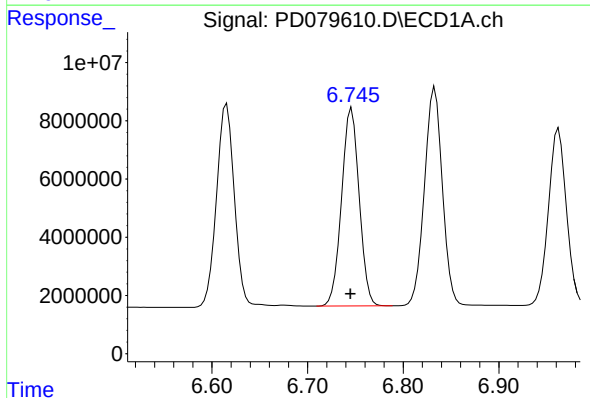
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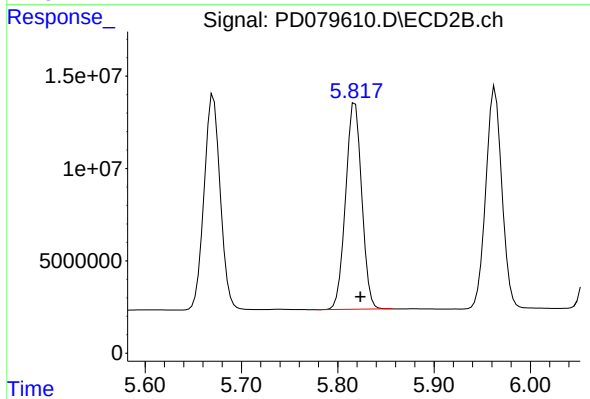
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 139584347
Conc: 55.91 ng/ml



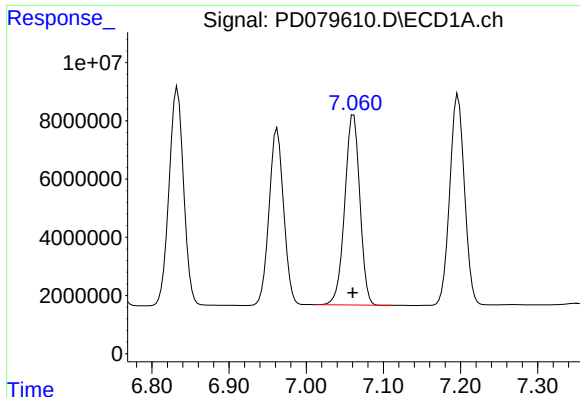
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 87189882
Conc: 49.60 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 129232744
Conc: 56.58 ng/ml



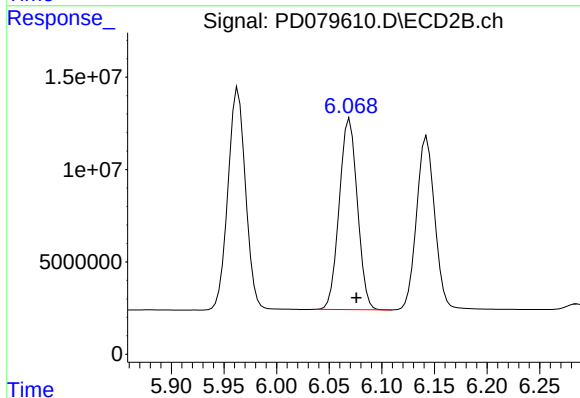
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 88297297
Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

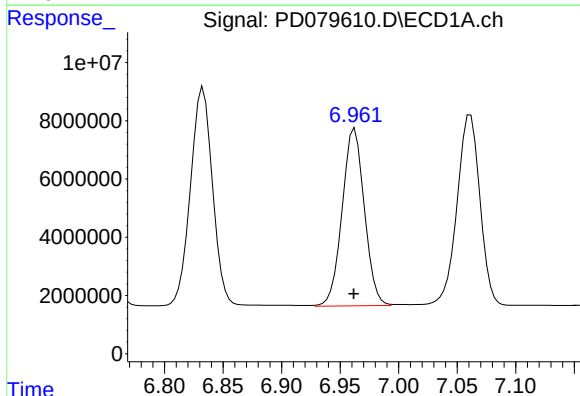
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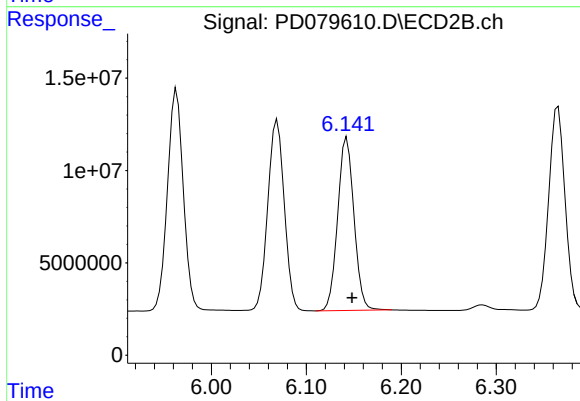
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 124256645
Conc: 54.28 ng/ml



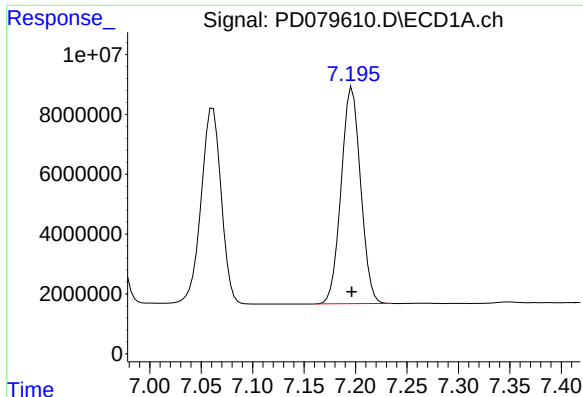
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 80330846
Conc: 52.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 111872195
Conc: 60.17 ng/ml



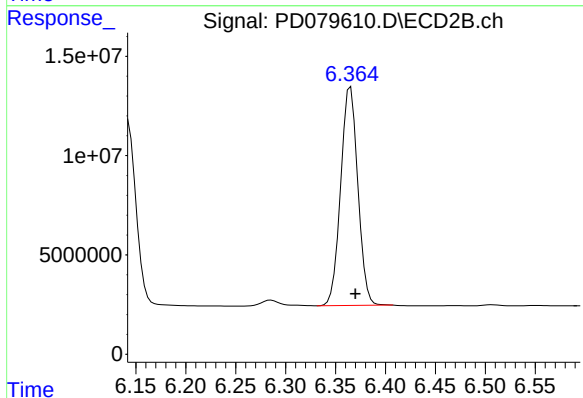
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 95388930
Conc: 47.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

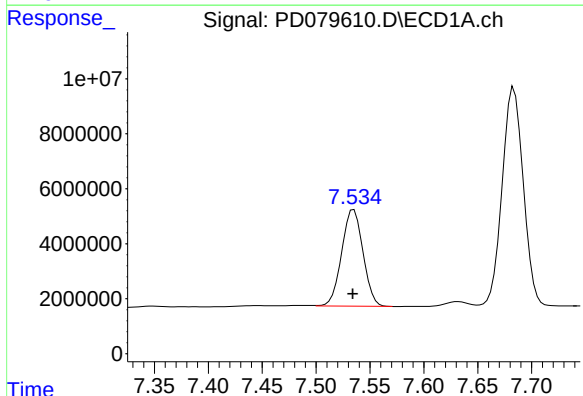
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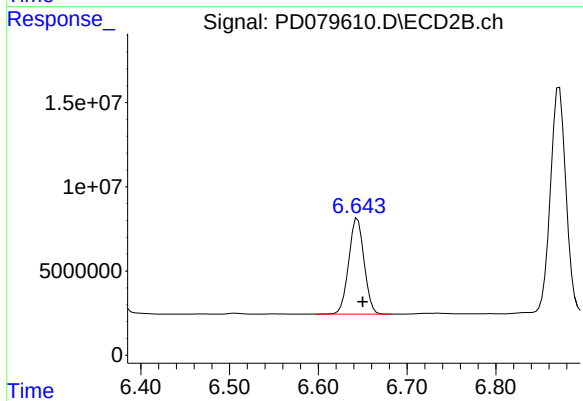
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 131639939
Conc: 56.38 ng/ml



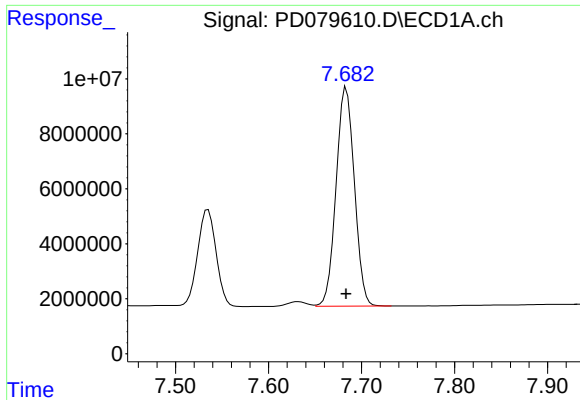
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 48423636
Conc: 44.19 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 68595418
Conc: 50.53 ng/ml



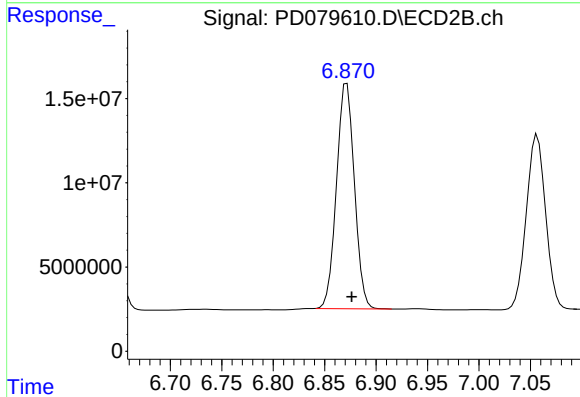
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 108834799
Conc: 49.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

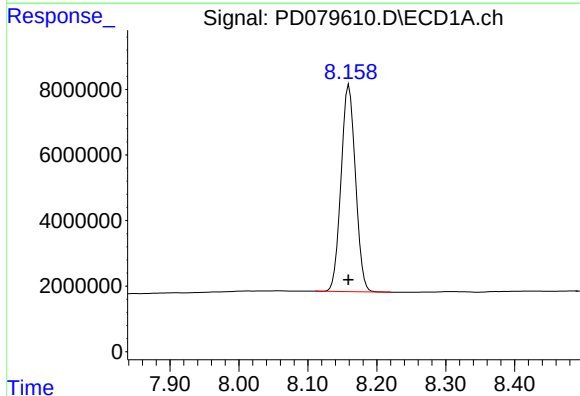
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Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



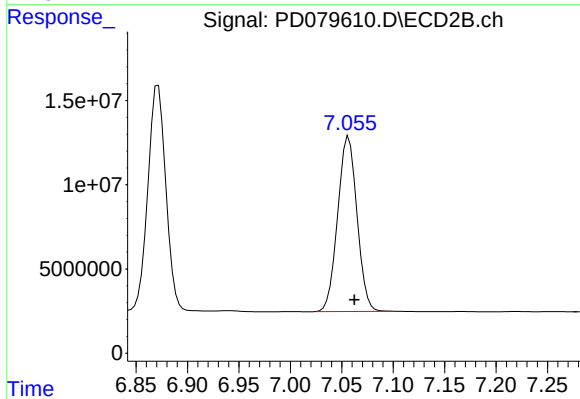
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 161939315
Conc: 57.92 ng/ml



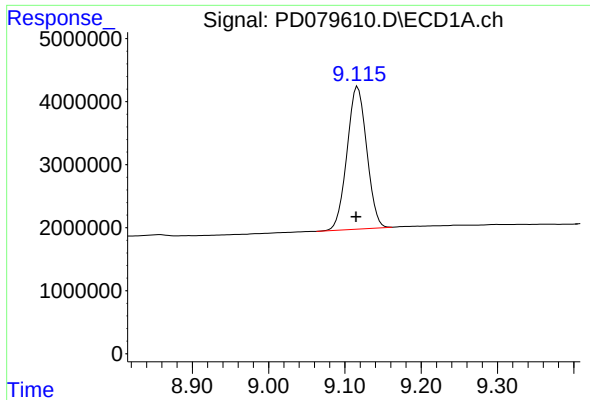
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.001 min
Response: 91638795
Conc: 54.14 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 135699353
Conc: 63.52 ng/ml



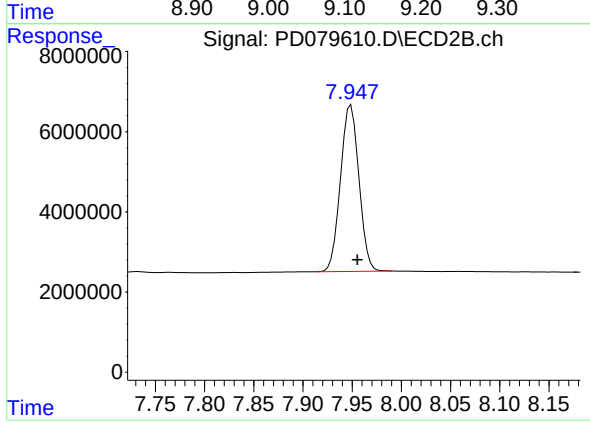
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 40538319
Conc: 20.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB157022BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: -0.008 min
Response: 54126736
Conc: 22.21 ng/ml m