

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 18:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2023
 Supervised By : Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:40:22 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	77352719	115.6E6	47.909	49.929
28)	SA Decachlor...	9.111	7.953	93823595	121.3E6	46.771	49.765
Target Compounds							
2)	A alpha-BHC	4.026	3.310	131.3E6	179.2E6	49.307	51.687
3)	MA gamma-BHC...	4.359	3.640	127.9E6	176.5E6	49.212	51.989
4)	MA Heptachlor	4.952	3.982	130.2E6	161.8E6	48.691	52.991
5)	MB Aldrin	5.296	4.264	127.8E6	169.6E6	49.589	51.859
6)	B beta-BHC	4.552	3.934	51976277	71460816	48.504	50.714
7)	B delta-BHC	4.800	4.165	134.9E6	178.1E6	50.374m	53.188
8)	B Heptachlo...	5.722	4.765	114.6E6	153.6E6	48.889	51.816
9)	A Endosulfan I	6.108	5.136	105.6E6	133.7E6	48.691	50.479
10)	B gamma-Chl...	5.977	5.016	112.4E6	146.8E6	49.045	51.161
11)	B alpha-Chl...	6.057	5.080	111.7E6	144.9E6	48.991	50.502
12)	B 4,4'-DDE	6.228	5.269	104.3E6	140.7E6	49.358	52.846
13)	MA Dieldrin	6.383	5.401	114.1E6	156.3E6	48.996	52.639
14)	MA Endrin	6.613	5.676	96393885	136.1E6	49.493	53.196
15)	B Endosulfa...	6.831	5.968	98393991	130.5E6	48.241	52.279
16)	A 4,4'-DDD	6.743	5.822	85884378	119.7E6	48.855	52.386
17)	MA 4,4'-DDT	7.059	6.074	91739279	121.7E6	48.445	53.165
18)	B Endrin al...	6.959	6.147	72571959	94512923	46.993m	50.832
19)	B Endosulfa...	7.195	6.369	95239199	122.6E6	47.904	52.524
20)	A Methoxychlor	7.533	6.649	50411345	69738336	46.005	51.368
21)	B Endrin ke...	7.681	6.875	104.2E6	145.4E6	47.796	52.004
22)	Mirex	8.157	7.061	76436390	110.1E6	45.158	51.554

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
Data File : PD079162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 18:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

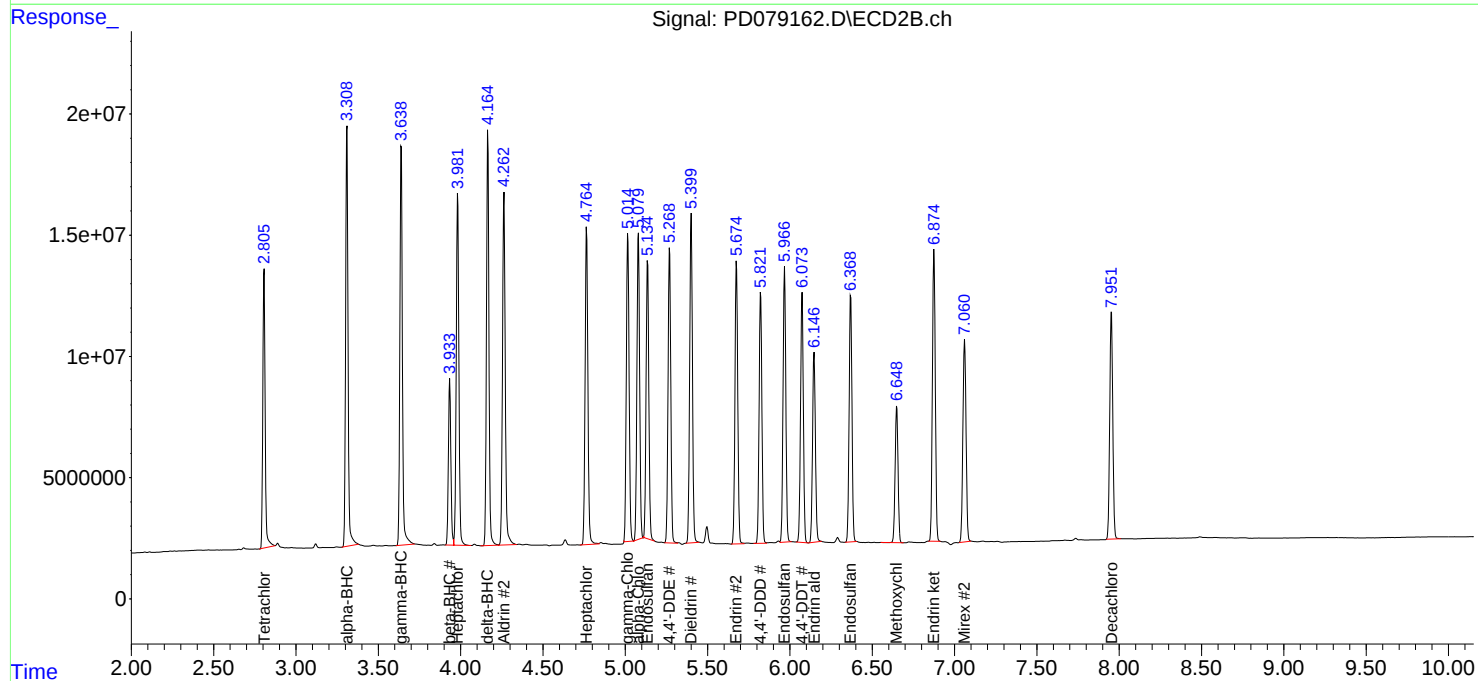
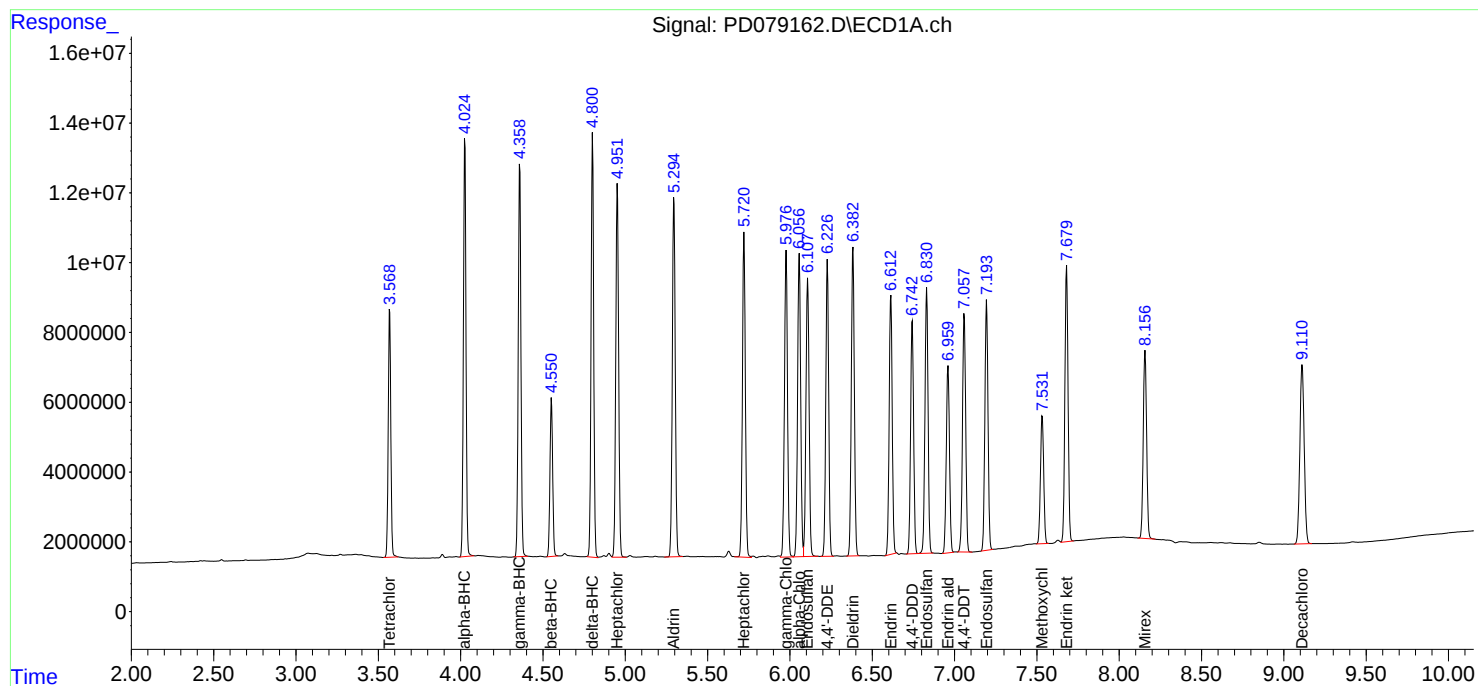
APPROVED

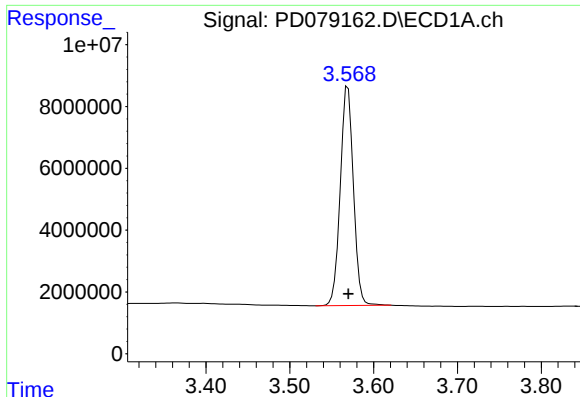
Reviewed By :Abdul Mirza 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 01:40:22 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





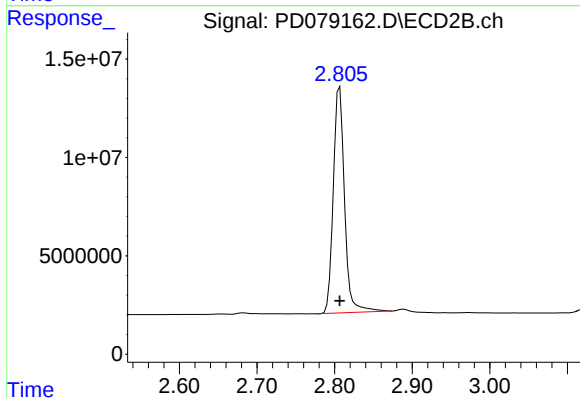
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 77352719
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

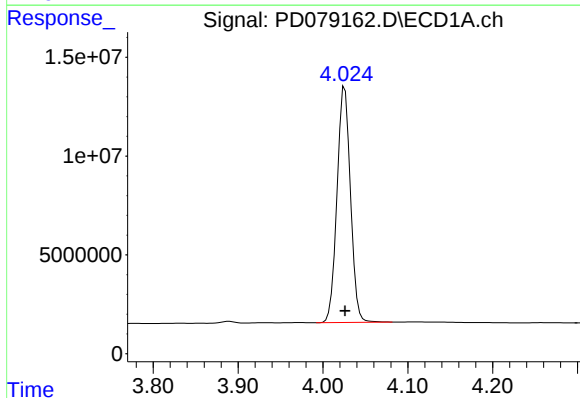
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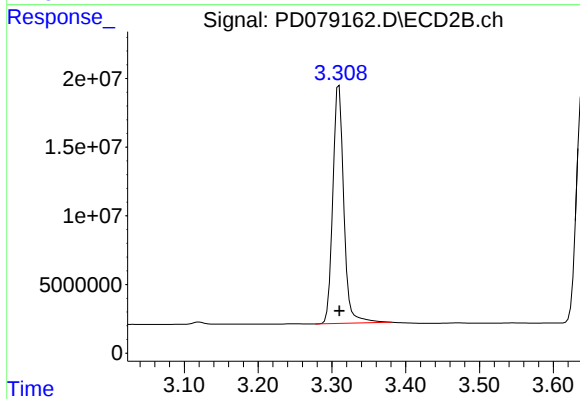
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 115599441
Conc: 49.93 ng/ml



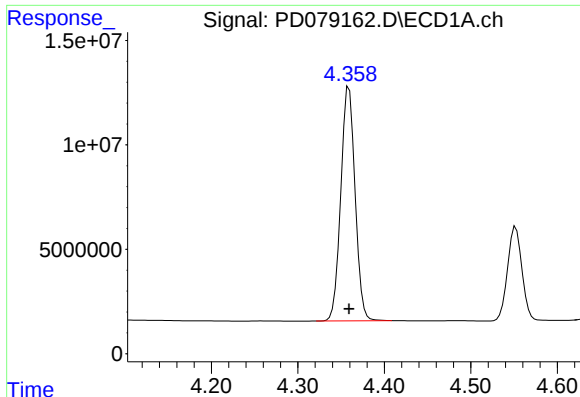
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 131257735
Conc: 49.31 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 179222128
Conc: 51.69 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 127893508
Conc: 49.21 ng/ml

Instrument :

ECD_D

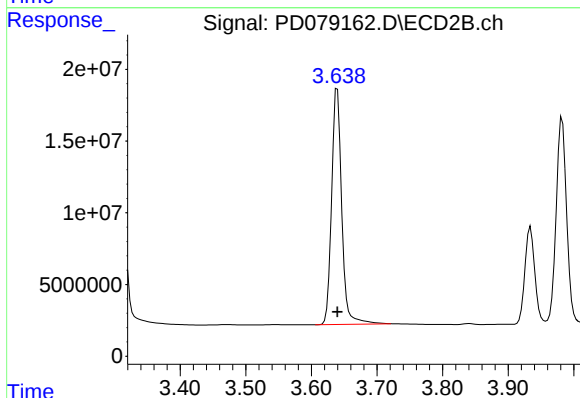
ClientSampleId :

PSTDCCC050

Manual Integrations

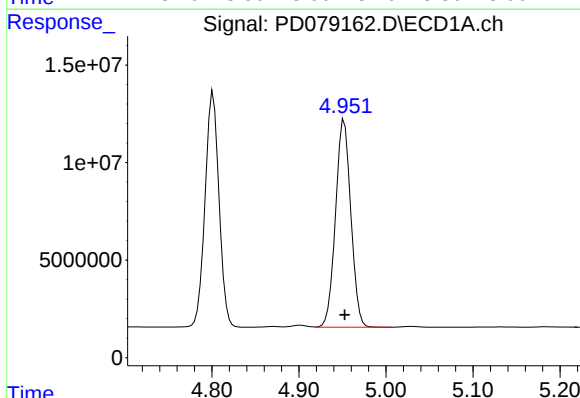
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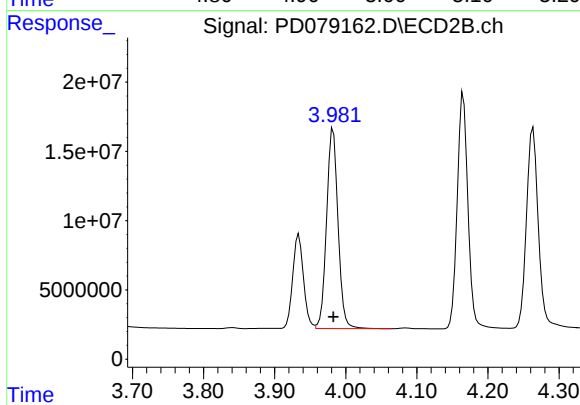
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 176544005
Conc: 51.99 ng/ml



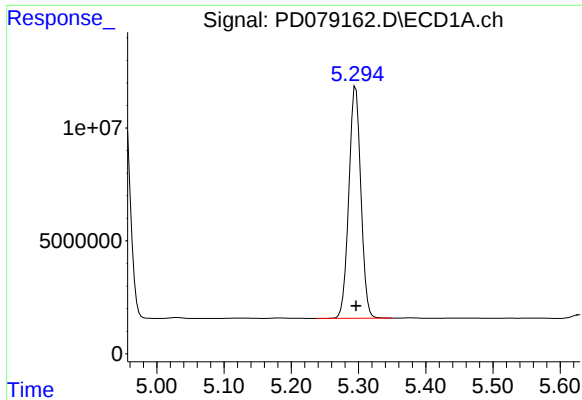
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 130245439
Conc: 48.69 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 161842030
Conc: 52.99 ng/ml



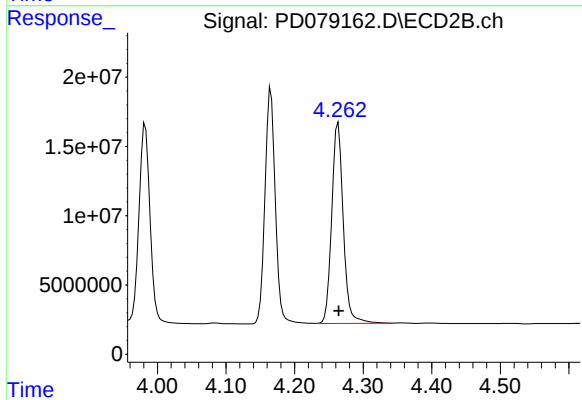
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 127780954
Conc: 49.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

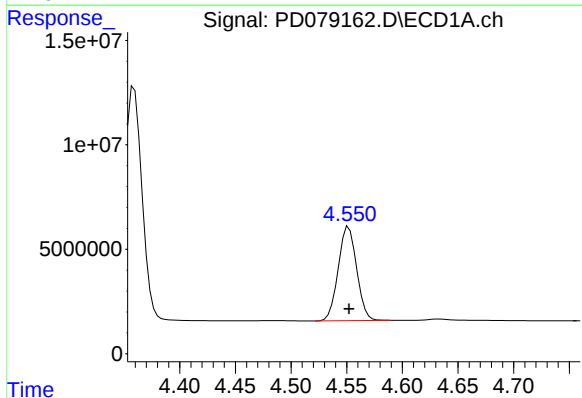
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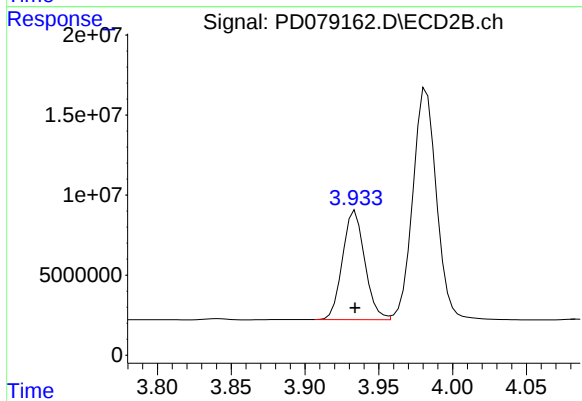
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 169647283
Conc: 51.86 ng/ml



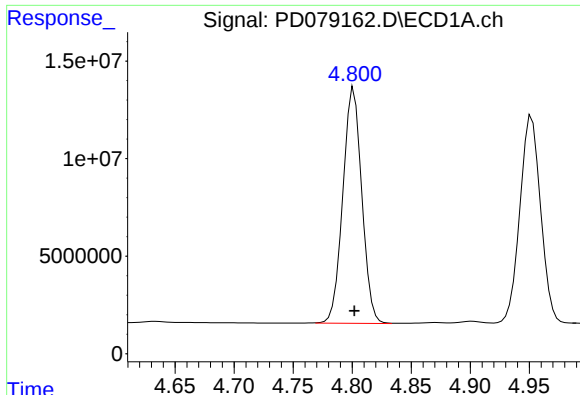
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 51976277
Conc: 48.50 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 71460816
Conc: 50.71 ng/ml



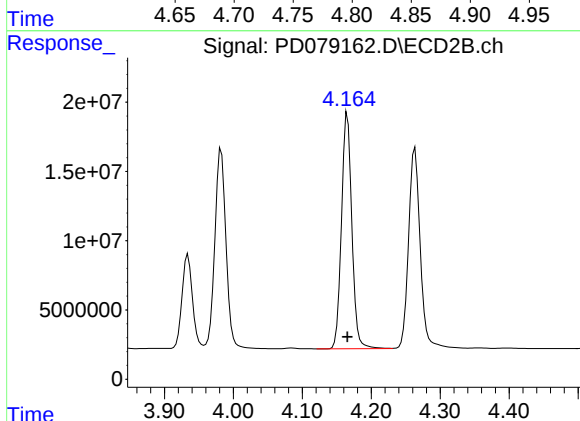
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 134853333
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

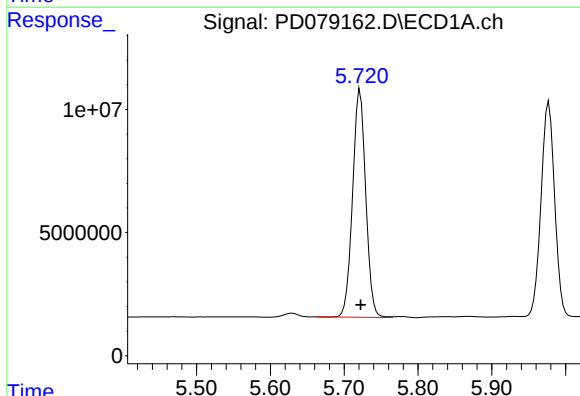
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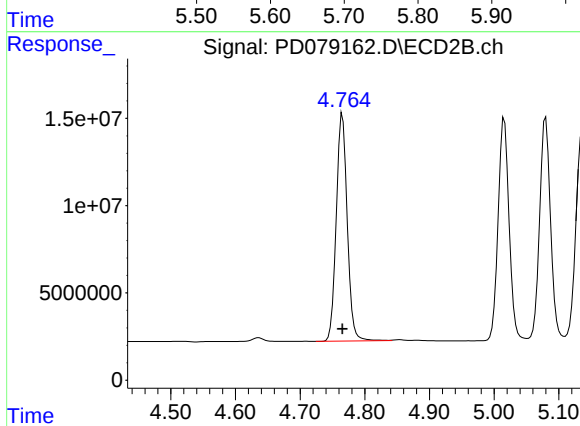
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 178085400
Conc: 53.19 ng/ml



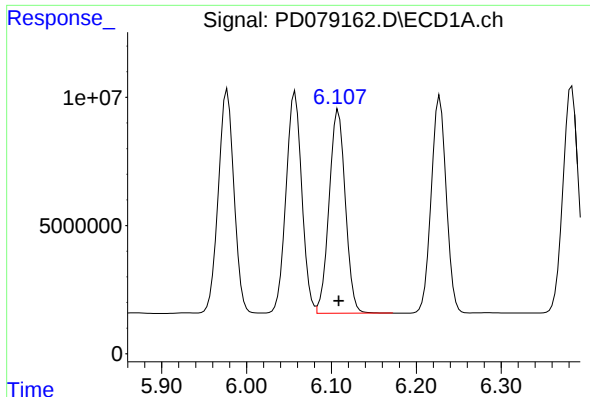
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 114581085
Conc: 48.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 153619705
Conc: 51.82 ng/ml



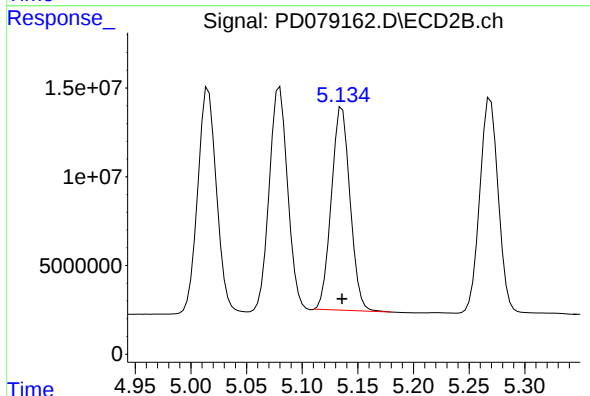
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 105559824
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

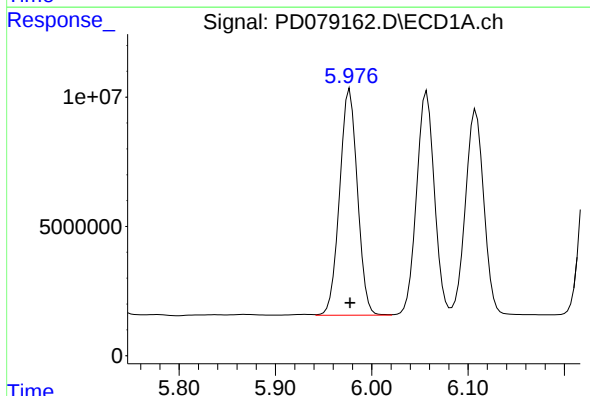
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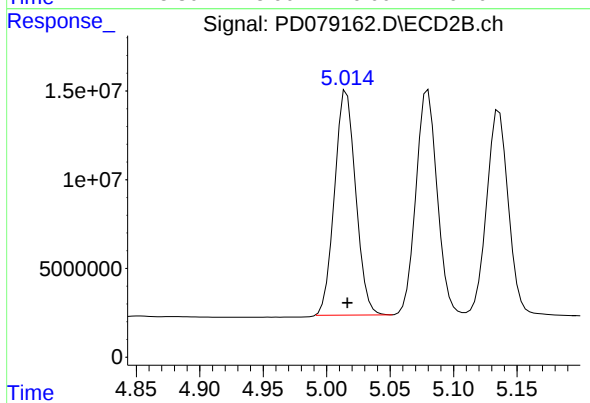
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 133653142
Conc: 50.48 ng/ml



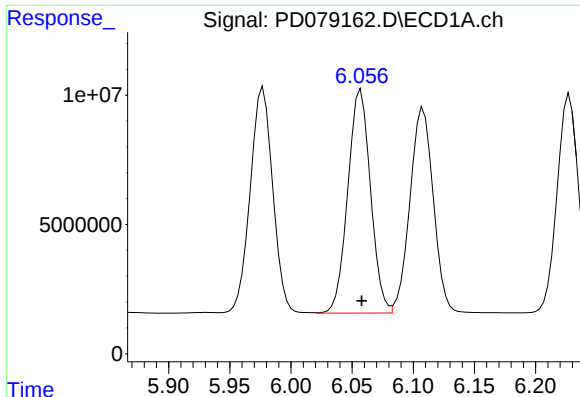
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 112445683
Conc: 49.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 146802337
Conc: 51.16 ng/ml



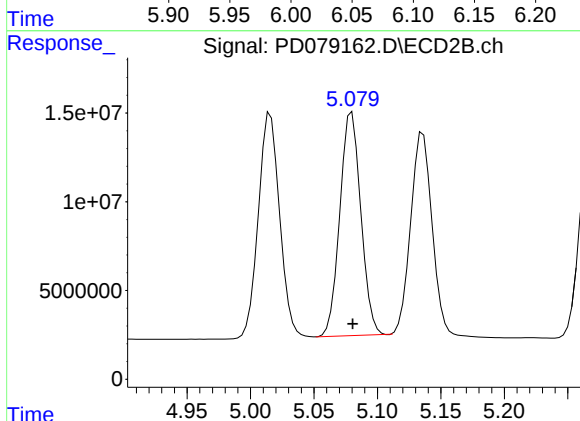
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 111709809
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

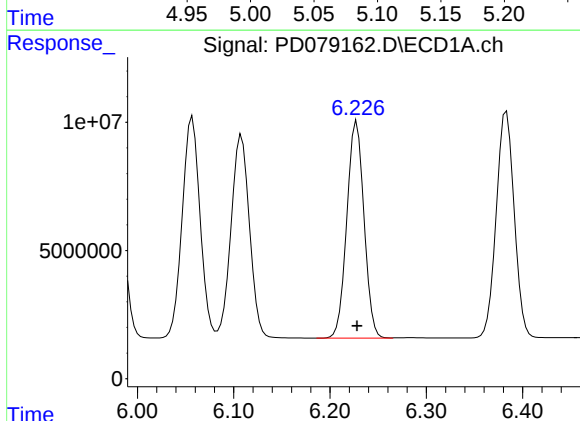
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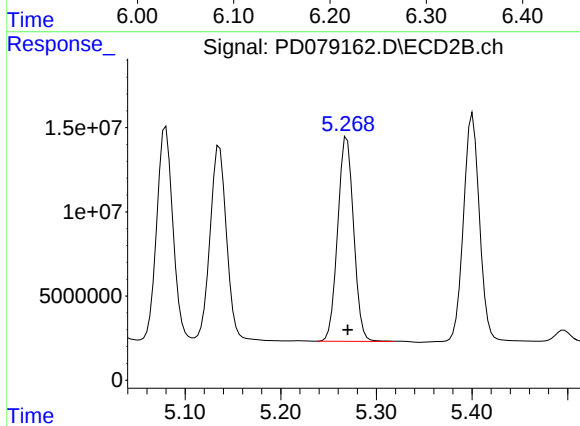
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 144931669
Conc: 50.50 ng/ml



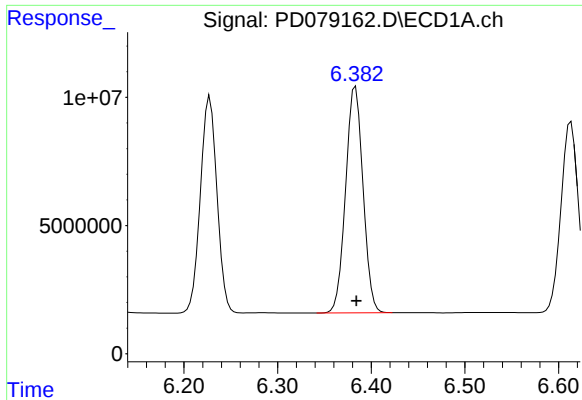
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 104296395
Conc: 49.36 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 140695903
Conc: 52.85 ng/ml



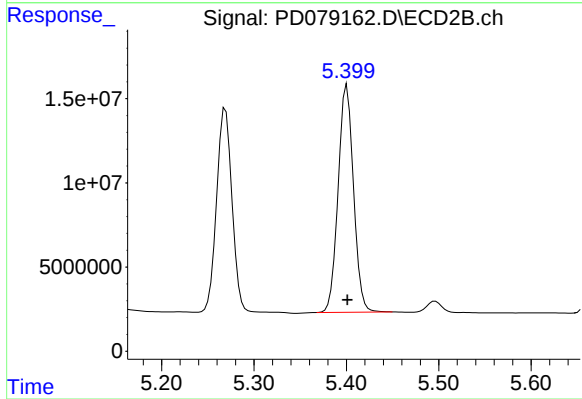
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 114103464
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

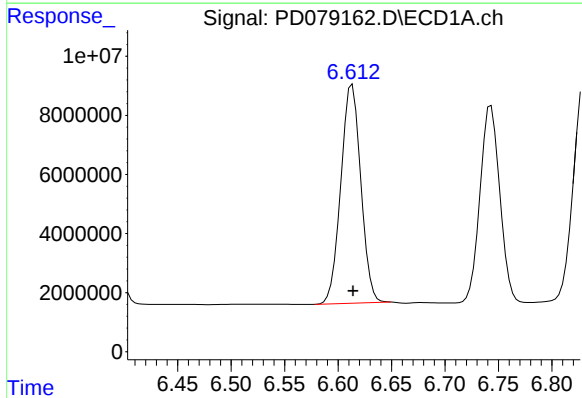
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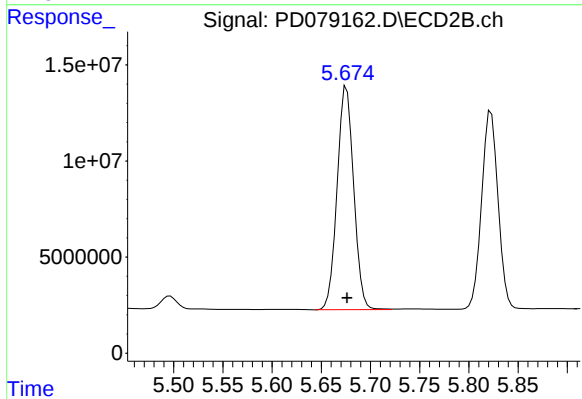
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 156333289
Conc: 52.64 ng/ml



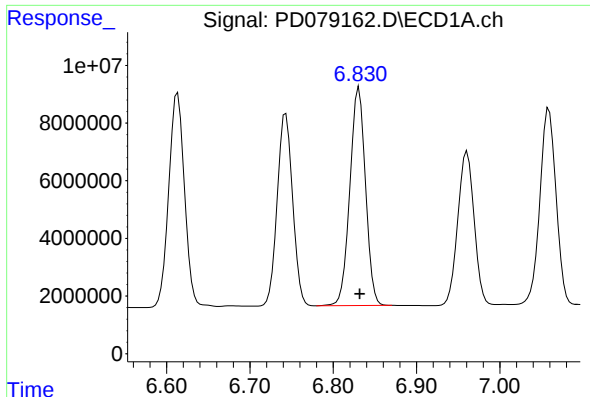
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 96393885
Conc: 49.49 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 136136082
Conc: 53.20 ng/ml



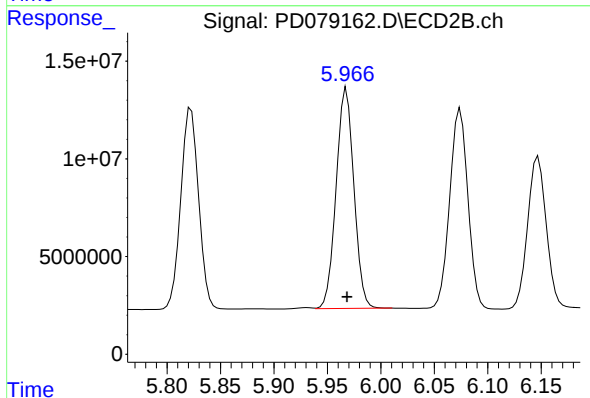
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 98393991
Conc: 48.24 ng/ml

Instrument :
ECD_D
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PSTDCCC050

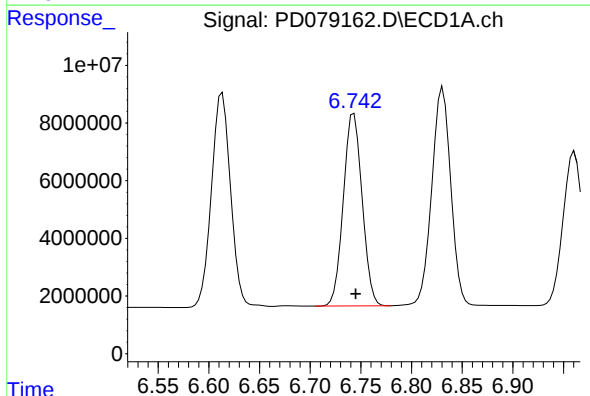
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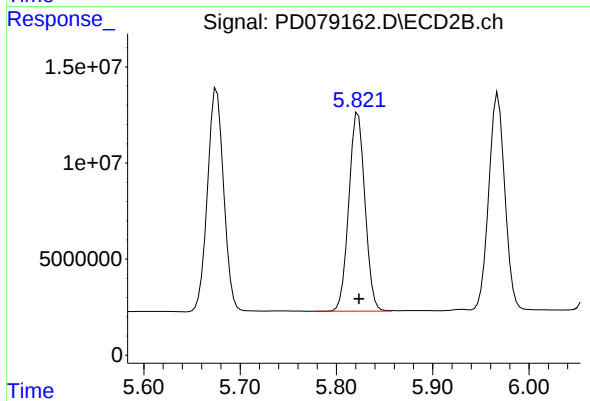
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 130514844
Conc: 52.28 ng/ml



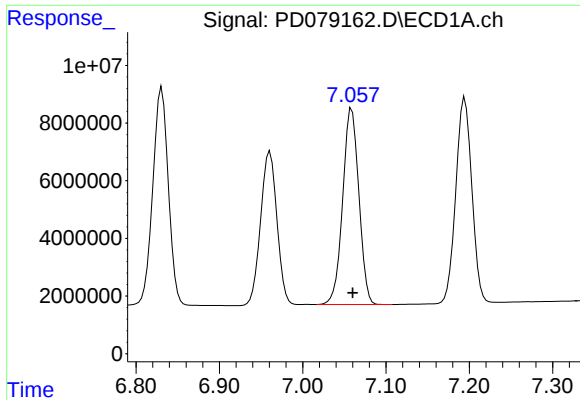
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 85884378
Conc: 48.86 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 119663793
Conc: 52.39 ng/ml



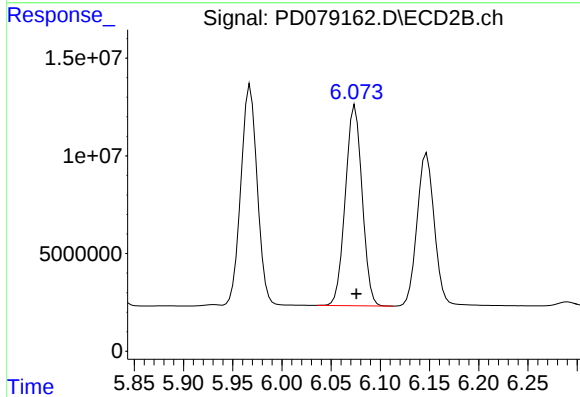
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 91739279
Conc: 48.45 ng/ml

Instrument :
ECD_D
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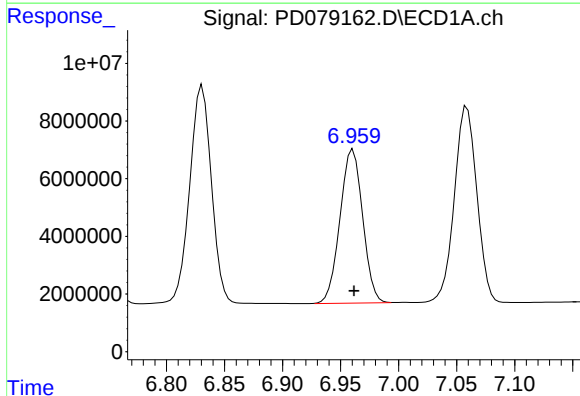
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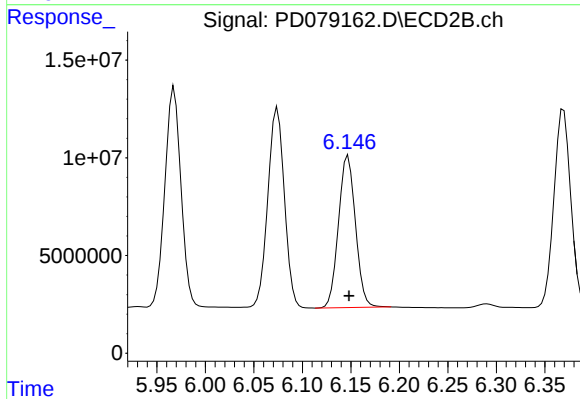
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 121714380
Conc: 53.16 ng/ml



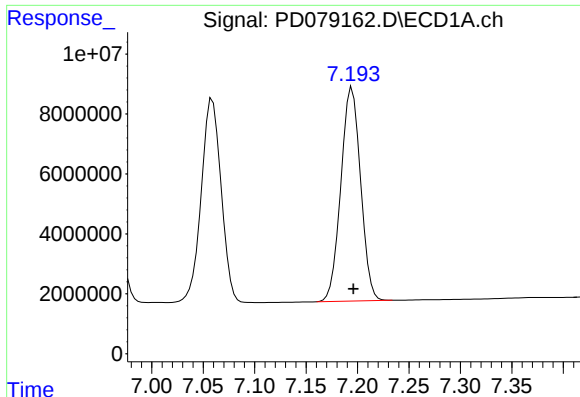
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 72571959
Conc: 46.99 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 94512923
Conc: 50.83 ng/ml



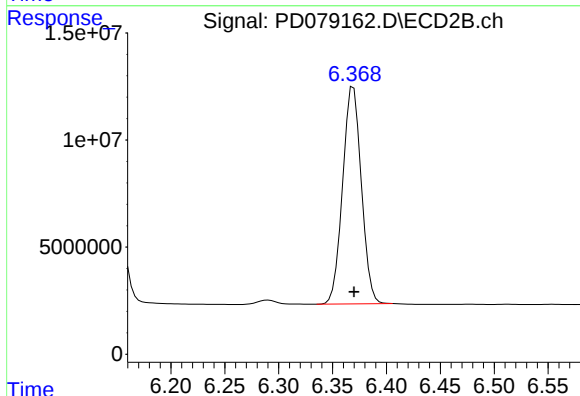
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.002 min
Response: 95239199
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

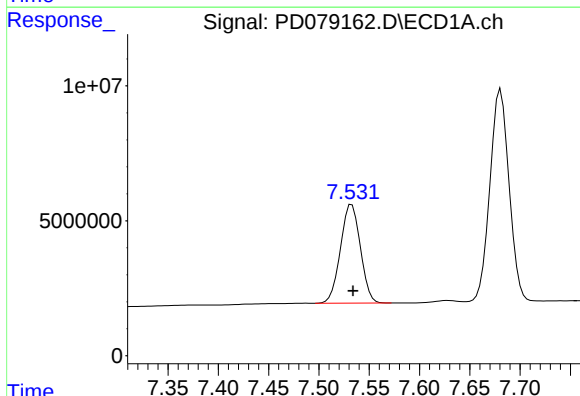
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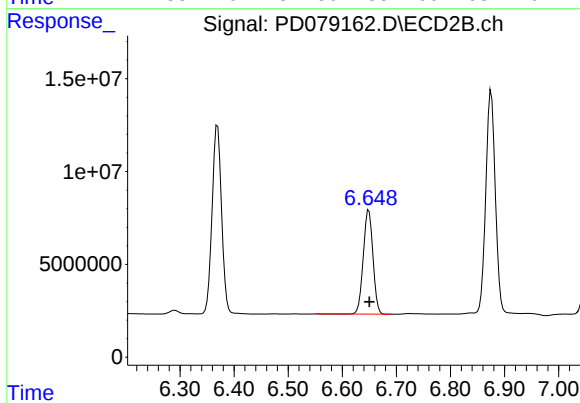
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 122635668
Conc: 52.52 ng/ml



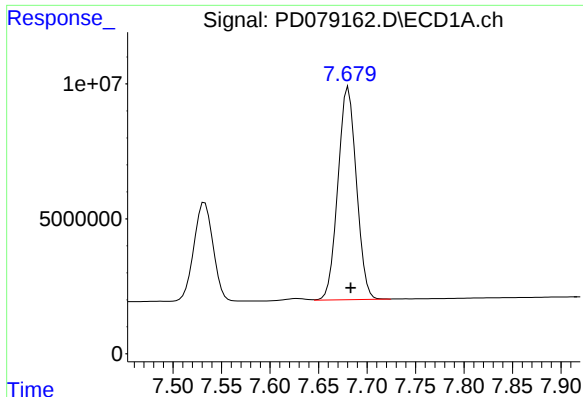
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 50411345
Conc: 46.01 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 69738336
Conc: 51.37 ng/ml



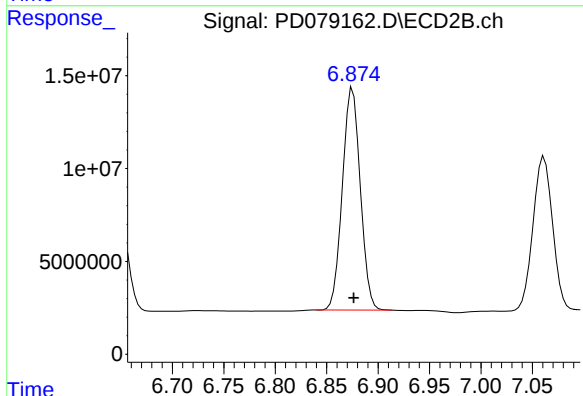
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 104202913
Conc: 47.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

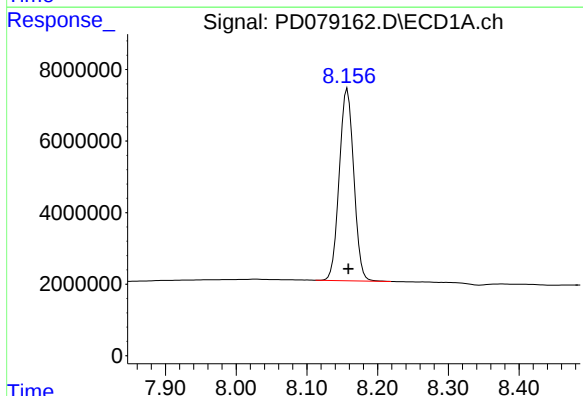
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



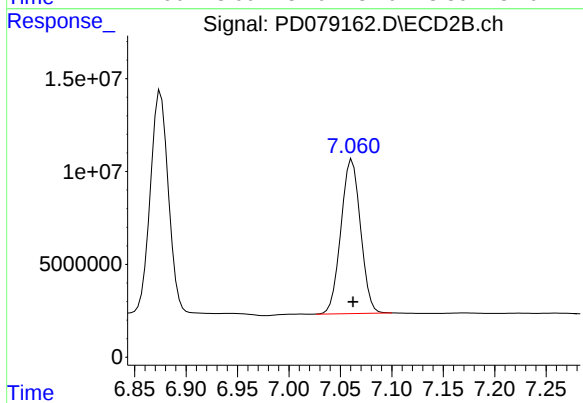
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 145388388
Conc: 52.00 ng/ml



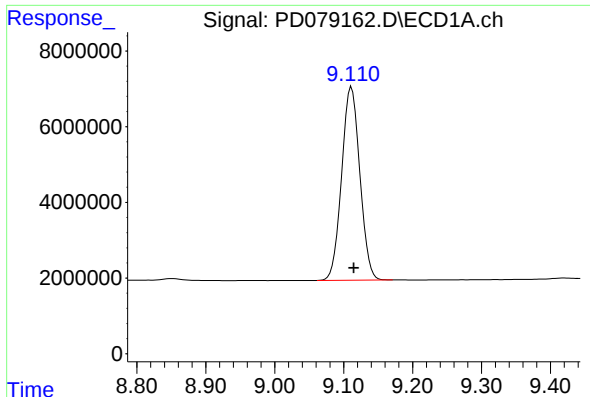
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.001 min
Response: 76436390
Conc: 45.16 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 110137437
Conc: 51.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.003 min
Response: 93823595
Conc: 46.77 ng/ml

Instrument :

ECD_D

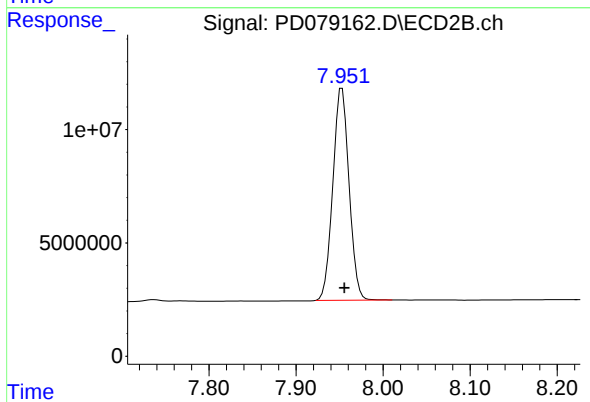
ClientSampleId :

PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 121302233
Conc: 49.77 ng/ml