

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 11:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:14:14 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...	3.567	2.802	75059036	116.4E6	46.488	50.281
28)	SA Decachlor...	9.116	7.948	81403035	116.7E6	40.579	47.858m
Target Compounds							
2)	A alpha-BHC	4.025	3.305	127.2E6	182.4E6	47.784	52.592
3)	MA gamma-BHC...	4.358	3.635	122.8E6	179.4E6	47.242	52.828
4)	MA Heptachlor	4.951	3.978	120.3E6	165.3E6	44.984	54.116
5)	MB Aldrin	5.295	4.258	120.4E6	171.6E6	46.735	52.450
6)	B beta-BHC	4.551	3.930	50083648	73765288	46.738	52.349
7)	B delta-BHC	4.800	4.161	126.4E6	181.7E6	47.221m	54.253
8)	B Heptachlo...	5.722	4.761	108.2E6	155.9E6	46.154	52.582
9)	A Endosulfan I	6.108	5.130	98573349	142.0E6	45.469	53.616m
10)	B gamma-Chl...	5.977	5.010	105.1E6	153.8E6	45.860	53.593m
11)	B alpha-Chl...	6.058	5.074	104.4E6	152.6E6	45.769	53.181m
12)	B 4,4'-DDE	6.228	5.265	96421567	144.4E6	45.631	54.243
13)	MA Dieldrin	6.383	5.396	105.0E6	159.4E6	45.103	53.662
14)	MA Endrin	6.614	5.671	84323970	135.3E6	43.296	52.878
15)	B Endosulfa...	6.831	5.964	87805882	133.9E6	43.050	53.625
16)	A 4,4'-DDD	6.745	5.818	76632290	124.2E6	43.592	54.385
17)	MA 4,4'-DDT	7.060	6.070	78474667	119.3E6	41.441	52.126 #
18)	B Endrin al...	6.960	6.143	63865063	96152385	41.355m	51.714 #
19)	B Endosulfa...	7.196	6.366	87071798	124.4E6	43.796	53.299
20)	A Methoxychlor	7.534	6.645	46230050	66114366	42.189	48.698
21)	B Endrin ke...	7.683	6.872	100.3E6	148.4E6	45.997	53.098
22)	Mirex	8.159	7.057	72709499	110.5E6	42.956	51.712

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 11:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

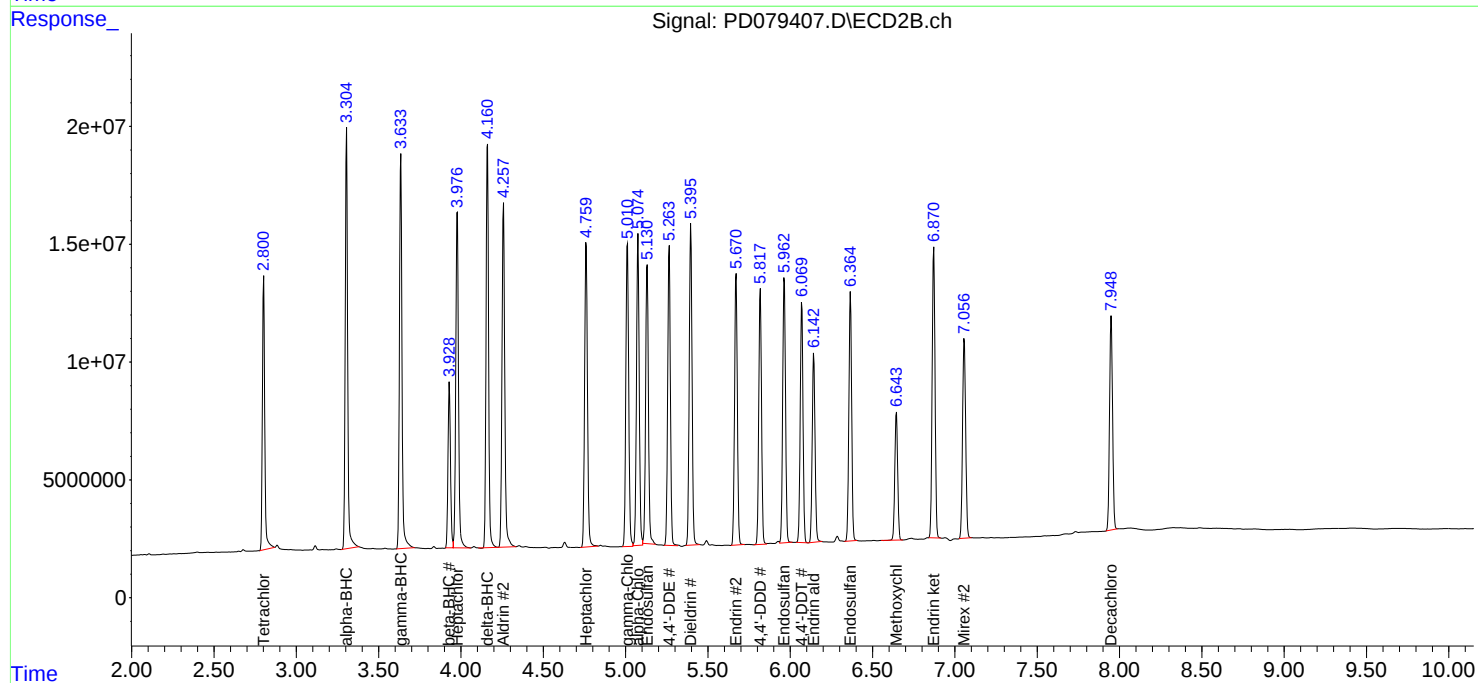
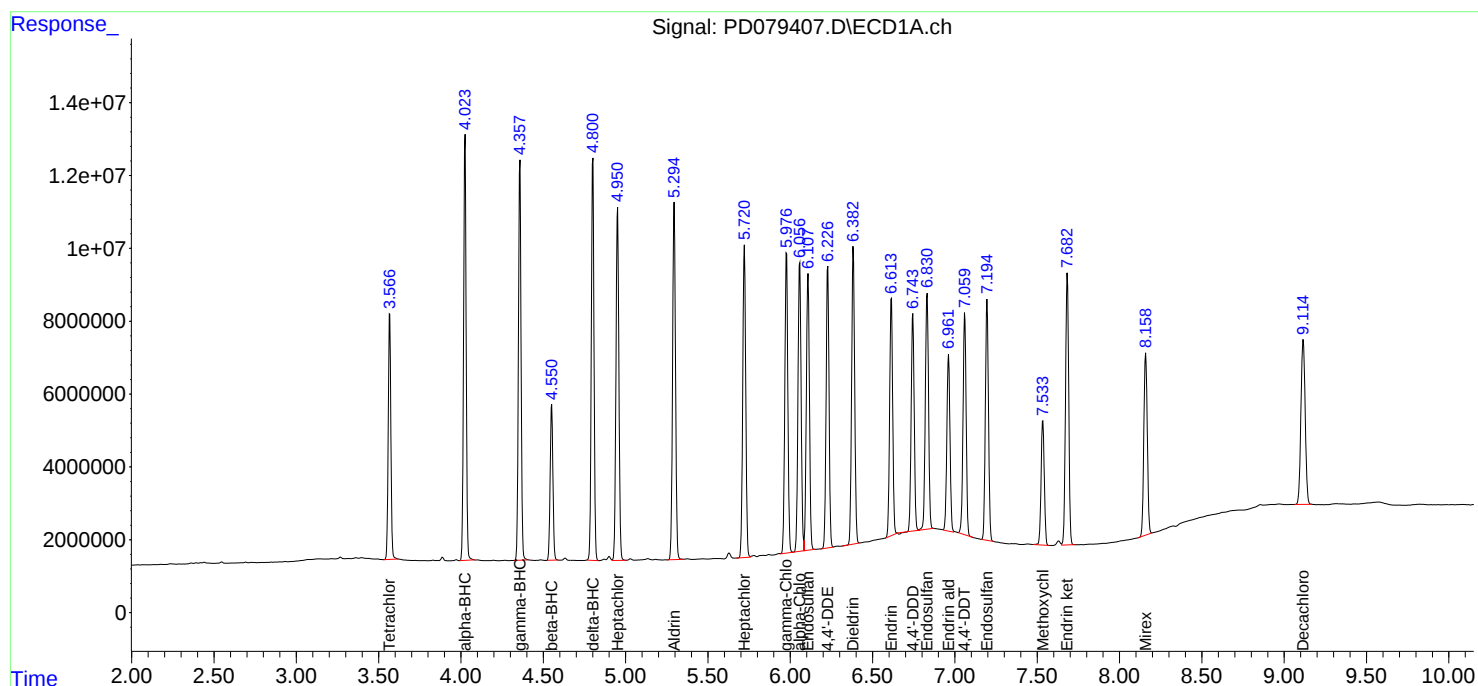
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

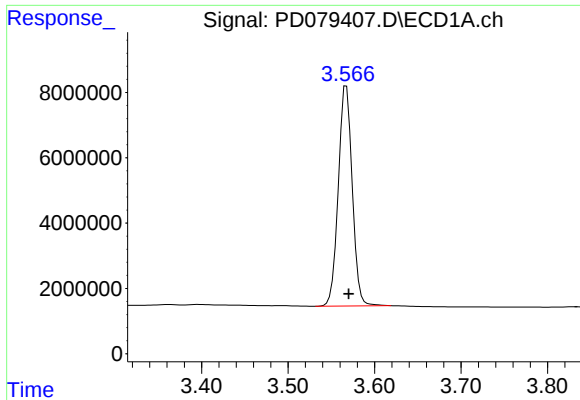
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:14:14 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.: 3.567 min
Delta R.T.: -0.003 min
Response: 75059036
Conc: 46.49 ng/ml

Instrument :

ECD_D

ClientSampleId :

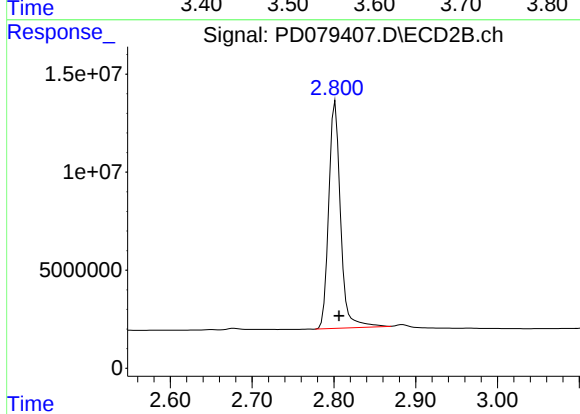
PSTDCCC050

Manual Integrations

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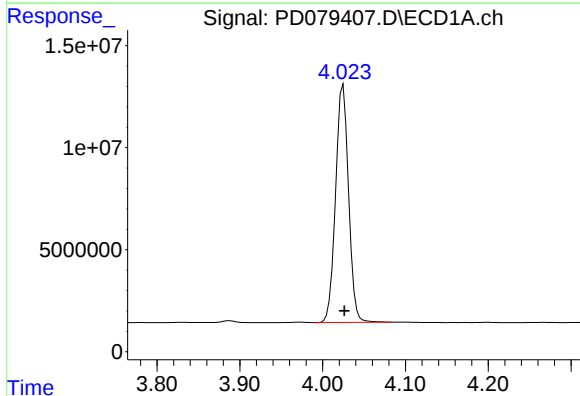
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023



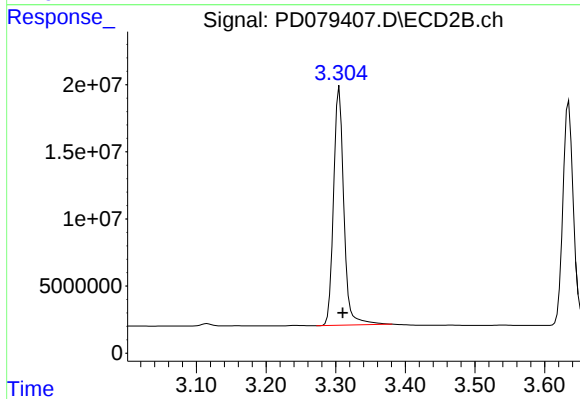
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: -0.005 min
Response: 116415558
Conc: 50.28 ng/ml



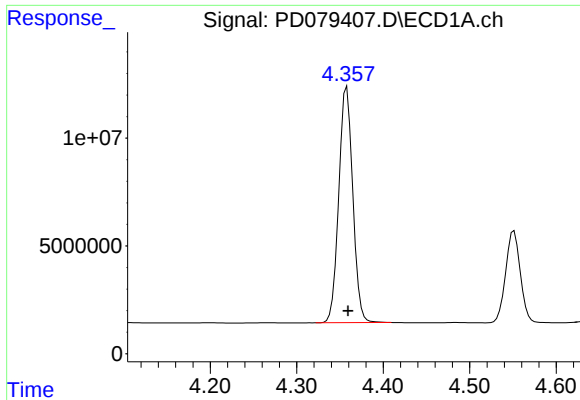
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.001 min
Response: 127205324
Conc: 47.78 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.005 min
Response: 182359354
Conc: 52.59 ng/ml



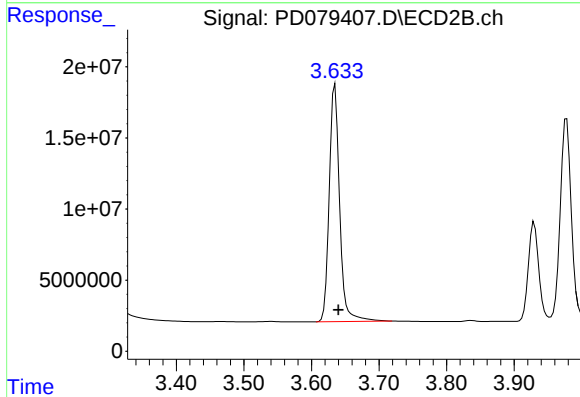
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.001 min
Response: 122773054
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

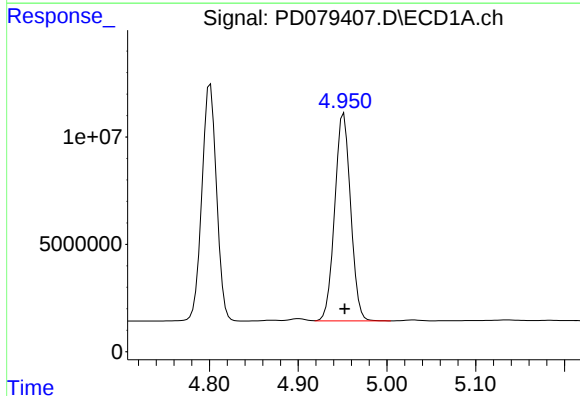
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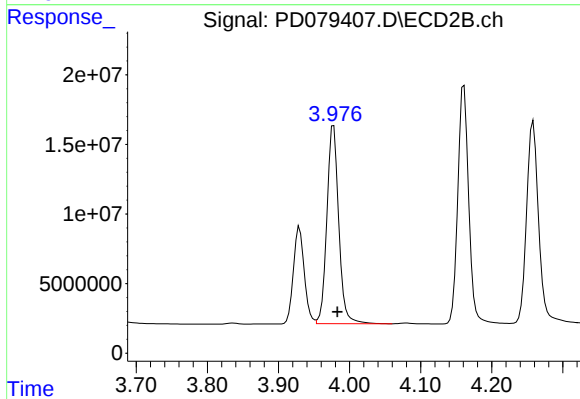
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.005 min
Response: 179392375
Conc: 52.83 ng/ml



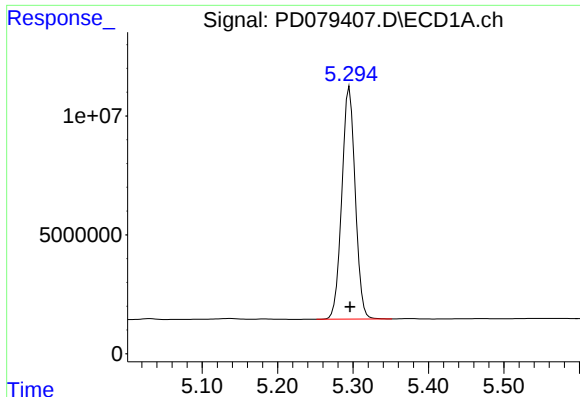
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 120329096
Conc: 44.98 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 165277783
Conc: 54.12 ng/ml



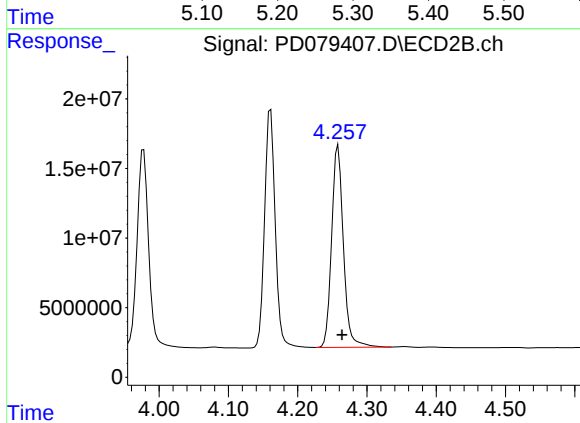
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 120427340
Conc: 46.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

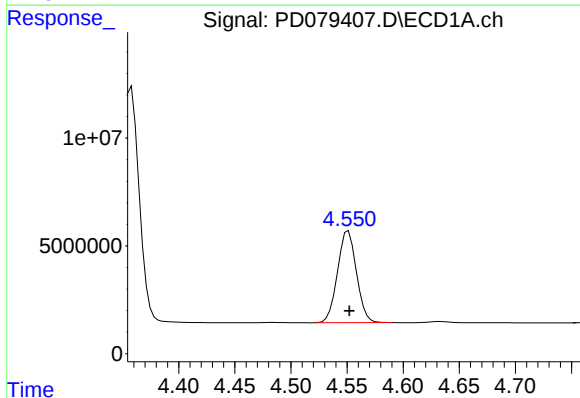
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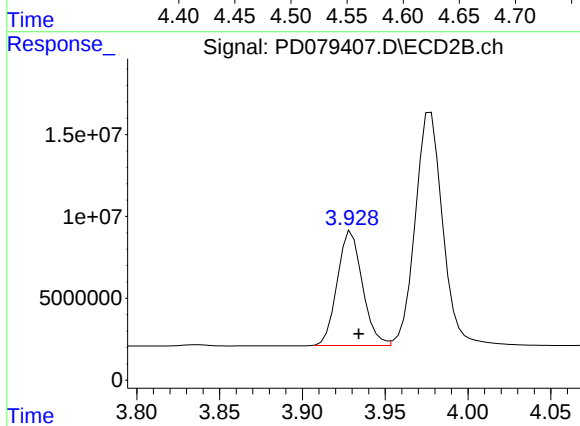
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 171581995
Conc: 52.45 ng/ml



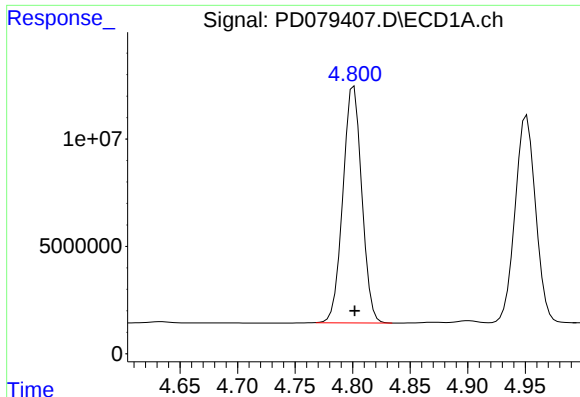
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 50083648
Conc: 46.74 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 73765288
Conc: 52.35 ng/ml



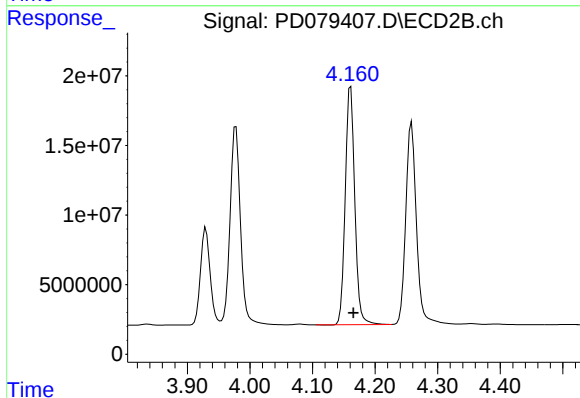
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 126412701
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

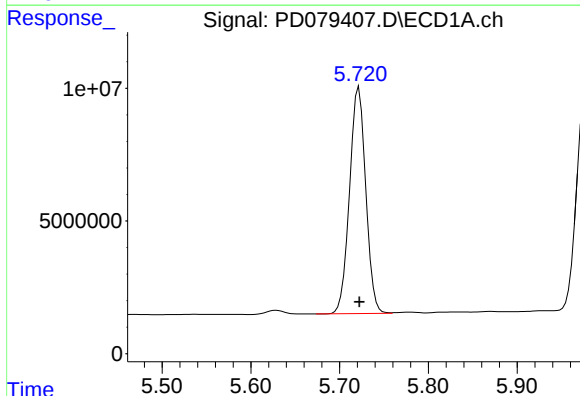
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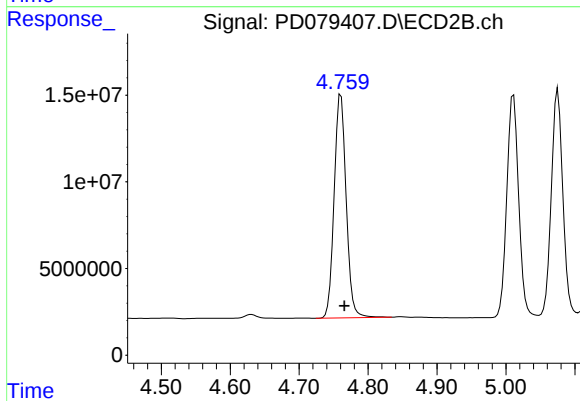
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: -0.004 min
Response: 181652877
Conc: 54.25 ng/ml



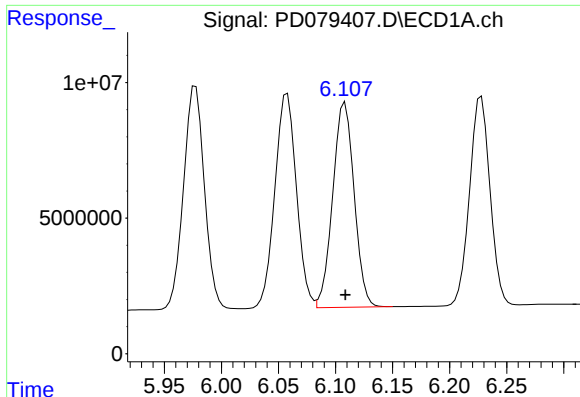
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 108171432
Conc: 46.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 155890567
Conc: 52.58 ng/ml



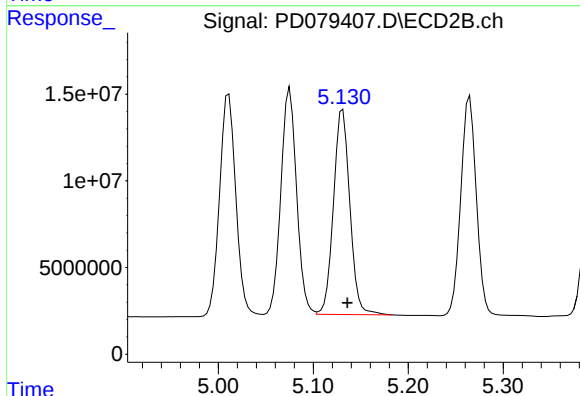
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 98573349
Conc: 45.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

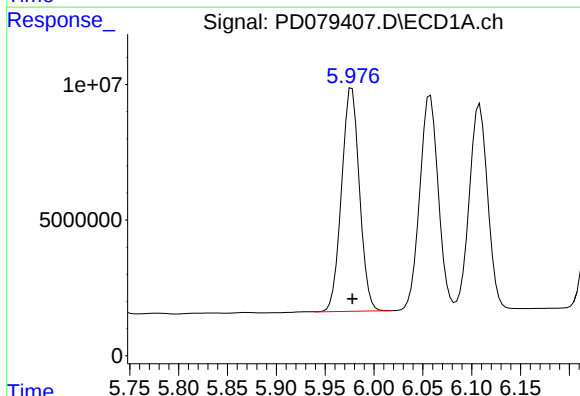
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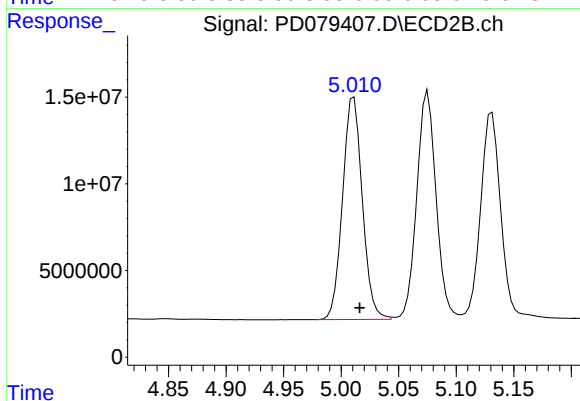
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 141959130
Conc: 53.62 ng/ml m



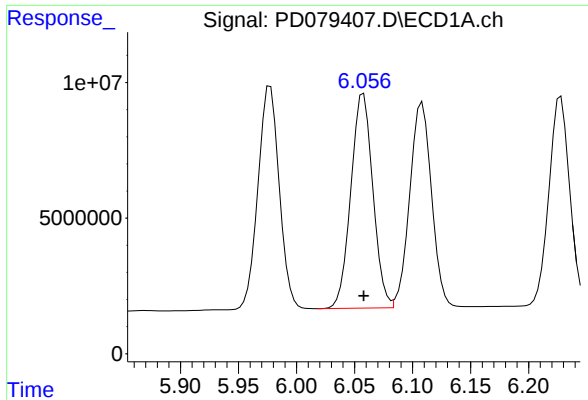
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 105145052
Conc: 45.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.007 min
Response: 153781434
Conc: 53.59 ng/ml m



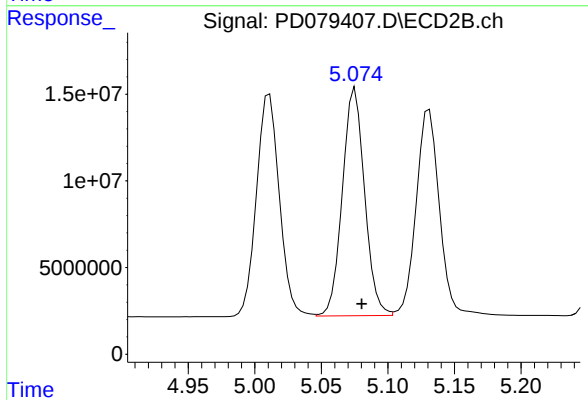
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 104361973
Conc: 45.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

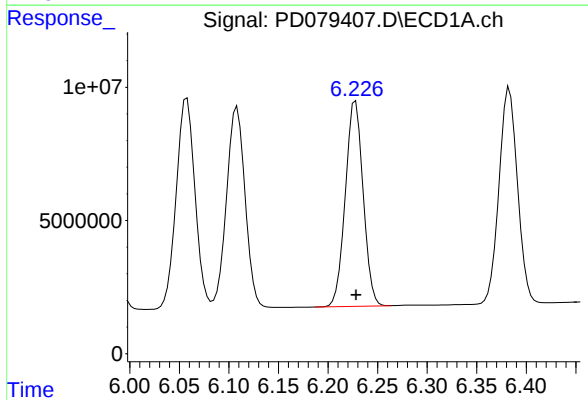
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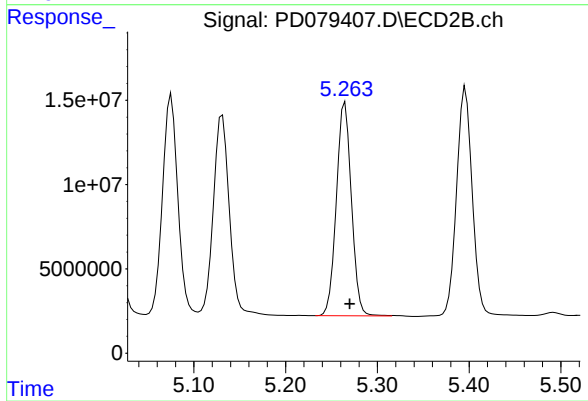
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 152620078
Conc: 53.18 ng/ml m



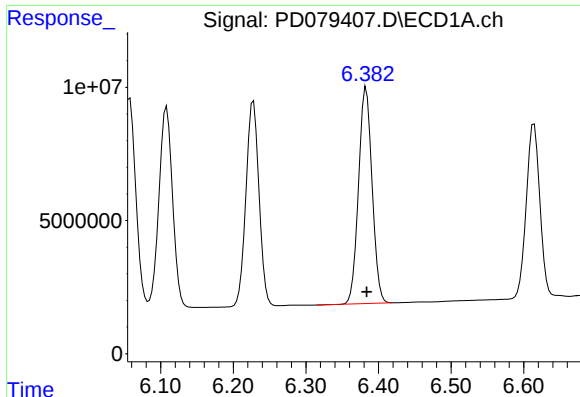
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 96421567
Conc: 45.63 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 144417190
Conc: 54.24 ng/ml



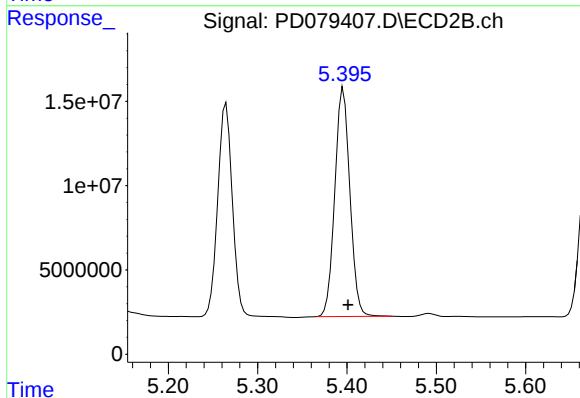
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 105037254
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

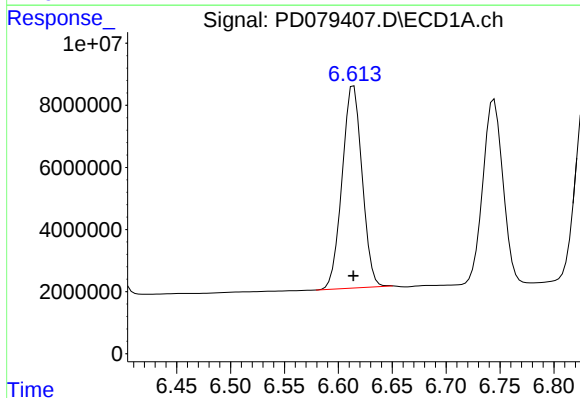
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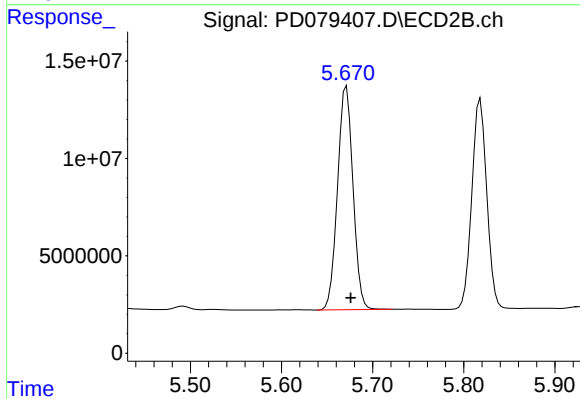
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 159370566
Conc: 53.66 ng/ml



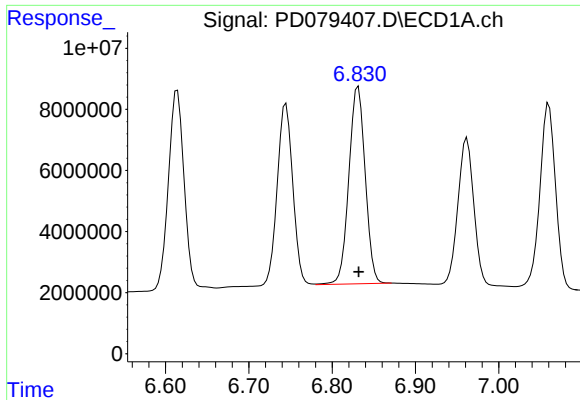
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 84323970
Conc: 43.30 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 135321866
Conc: 52.88 ng/ml



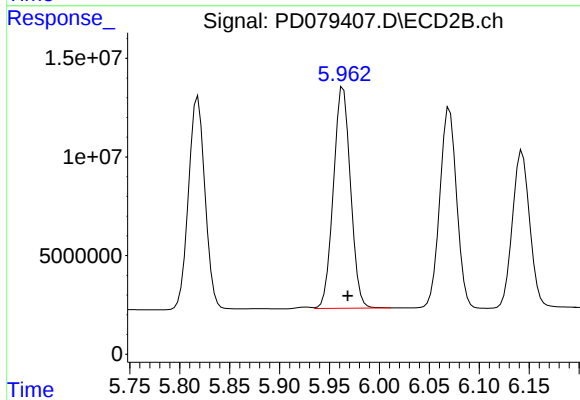
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 87805882
Conc: 43.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

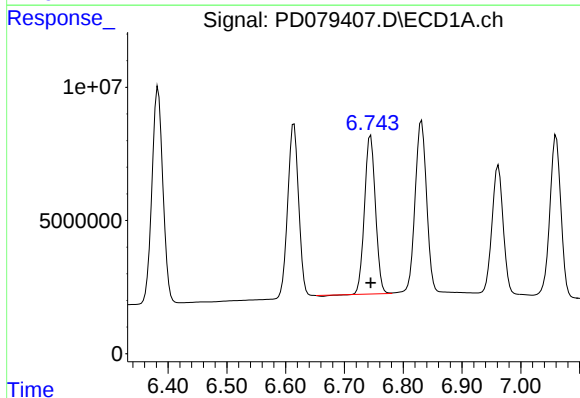
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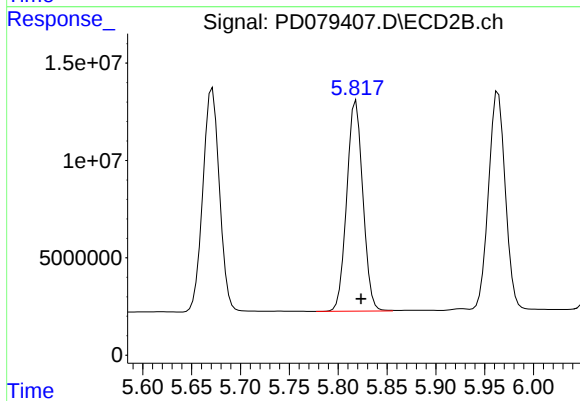
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 133875517
Conc: 53.63 ng/ml



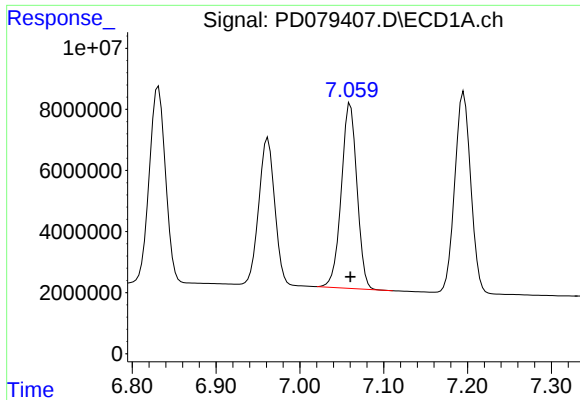
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 76632290
Conc: 43.59 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 124229594
Conc: 54.39 ng/ml



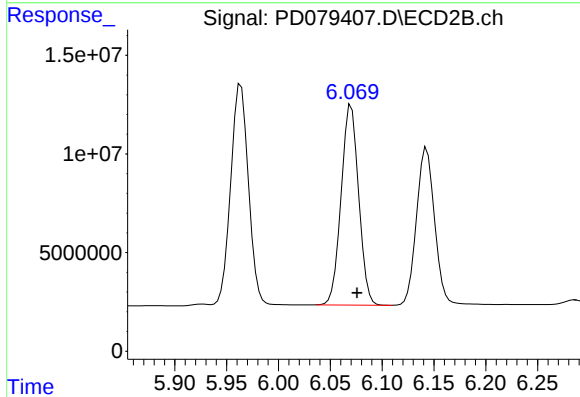
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 78474667
Conc: 41.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

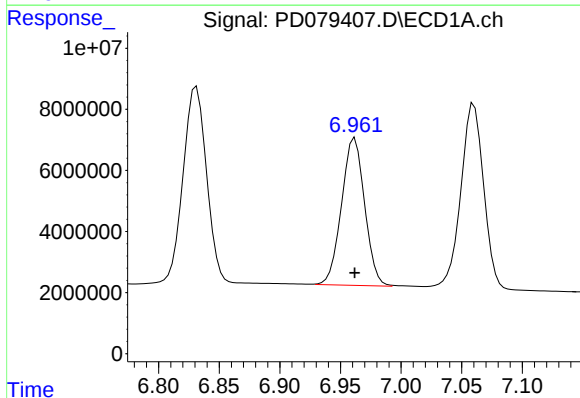
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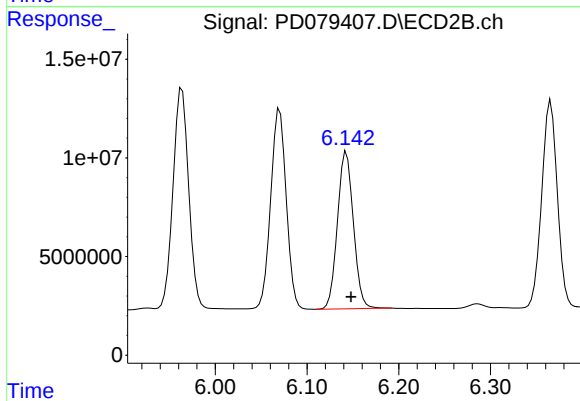
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 119336885
Conc: 52.13 ng/ml



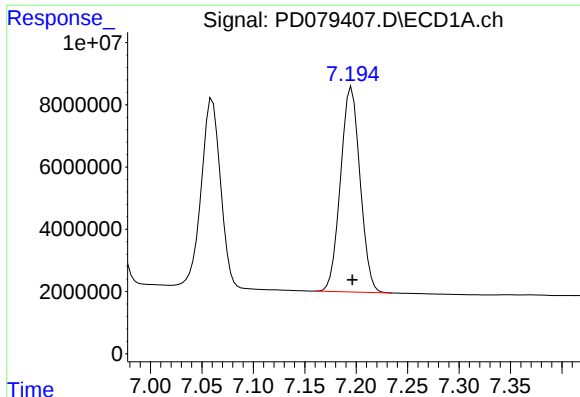
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 63865063
Conc: 41.36 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 96152385
Conc: 51.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 87071798
Conc: 43.80 ng/ml

Instrument :

ECD_D

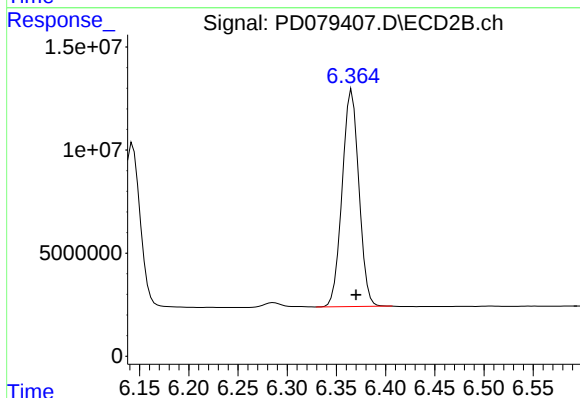
ClientSampleId :

PSTDCCC050

Manual Integrations

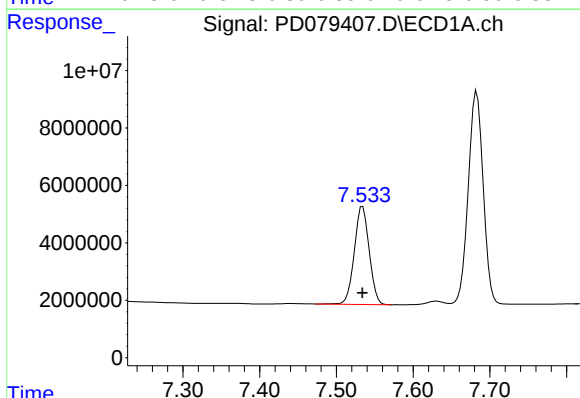
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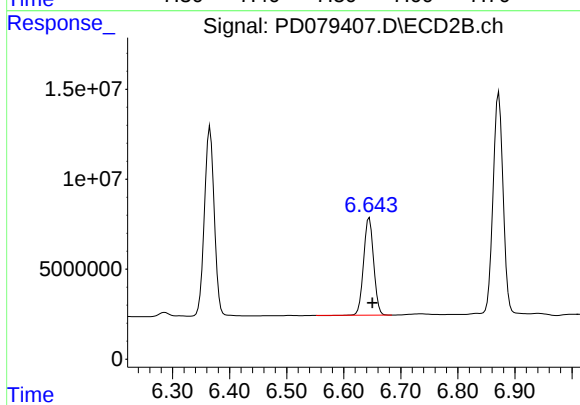
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 124444811
Conc: 53.30 ng/ml



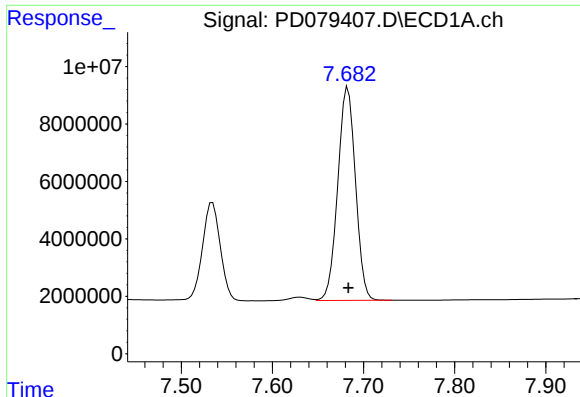
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 46230050
Conc: 42.19 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 66114366
Conc: 48.70 ng/ml



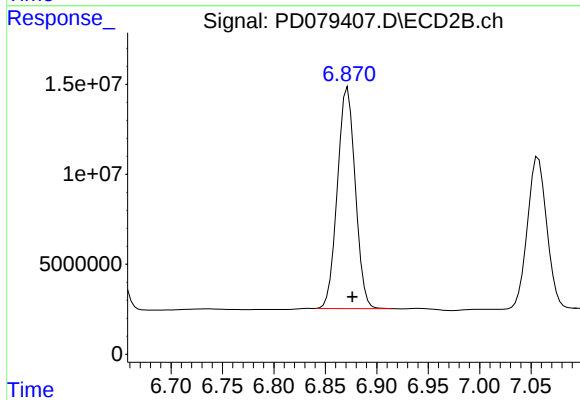
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 100280234
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

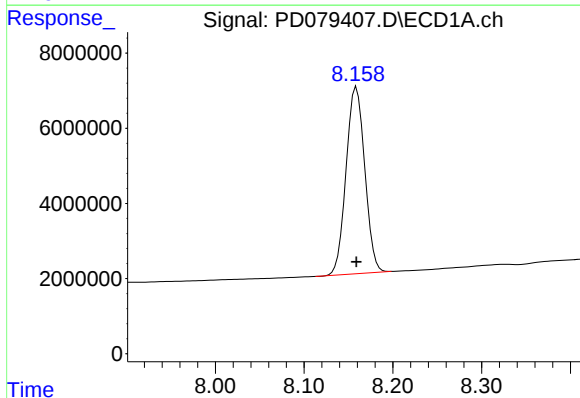
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



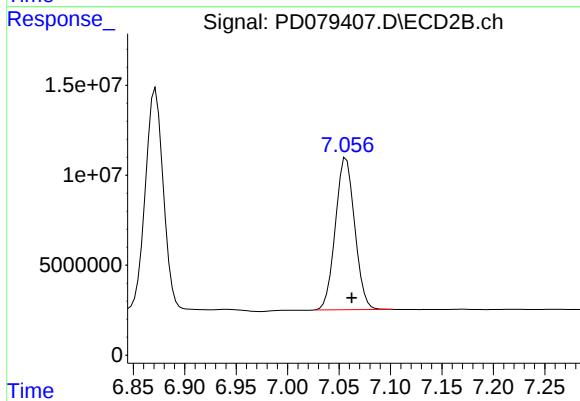
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 148448116
Conc: 53.10 ng/ml



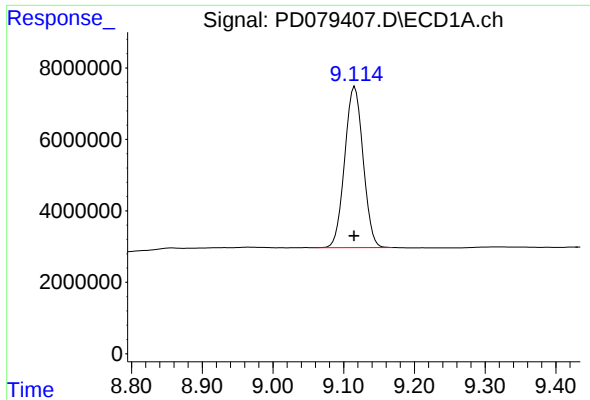
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 72709499
Conc: 42.96 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 110473374
Conc: 51.71 ng/ml



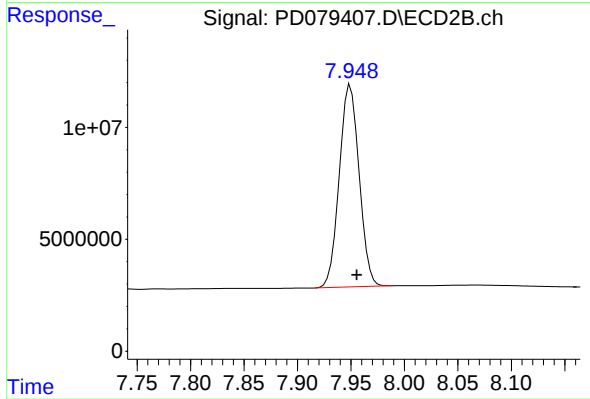
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 81403035
Conc: 40.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: -0.007 min
Response: 116653428
Conc: 47.86 ng/ml m