

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 15:55
 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 00:17:36 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...	3.568	2.803	76795235	120.8E6	47.564	52.183
28)	SA Decachlor...	9.111	7.949	87437006	121.2E6	43.587	49.736
Target Compounds							
2)	A alpha-BHC	4.024	3.306	130.9E6	189.7E6	49.181	54.699
3)	MA gamma-BHC...	4.358	3.636	125.8E6	185.5E6	48.396	54.616
4)	MA Heptachlor	4.951	3.979	124.4E6	173.7E6	46.499	56.869
5)	MB Aldrin	5.295	4.260	123.2E6	177.7E6	47.810	54.306
6)	B beta-BHC	4.551	3.931	51045156	76300091	47.635	54.148
7)	B delta-BHC	4.799	4.163	128.9E6	187.9E6	48.160m	56.132
8)	B Heptachlo...	5.721	4.761	110.4E6	160.8E6	47.120	54.244
9)	A Endosulfan I	6.107	5.131	102.6E6	145.0E6	47.347	54.754m
10)	B gamma-Chl...	5.976	5.010	108.5E6	158.5E6	47.321	55.246m
11)	B alpha-Chl...	6.056	5.075	108.2E6	156.1E6	47.457	54.376m
12)	B 4,4'-DDE	6.226	5.265	101.0E6	149.4E6	47.784	56.123
13)	MA Dieldrin	6.383	5.397	110.7E6	164.2E6	47.525	55.301
14)	MA Endrin	6.613	5.671	92484721	145.1E6	47.486	56.710
15)	B Endosulfa...	6.830	5.964	93922935	137.6E6	46.049	55.108
16)	A 4,4'-DDD	6.744	5.819	83125154	129.0E6	47.286	56.463
17)	MA 4,4'-DDT	7.059	6.070	82385665	122.0E6	43.506	53.286
18)	B Endrin al...	6.959	6.143	67677981	98085014	43.824m	52.753
19)	B Endosulfa...	7.195	6.366	88743188	129.0E6	44.636	55.237
20)	A Methoxychlor	7.533	6.645	44855993	68499136	40.935	50.455
21)	B Endrin ke...	7.681	6.872	99387643	152.1E6	45.587	54.412
22)	Mirex	8.157	7.057	74390124	113.6E6	43.949	53.171

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 15:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

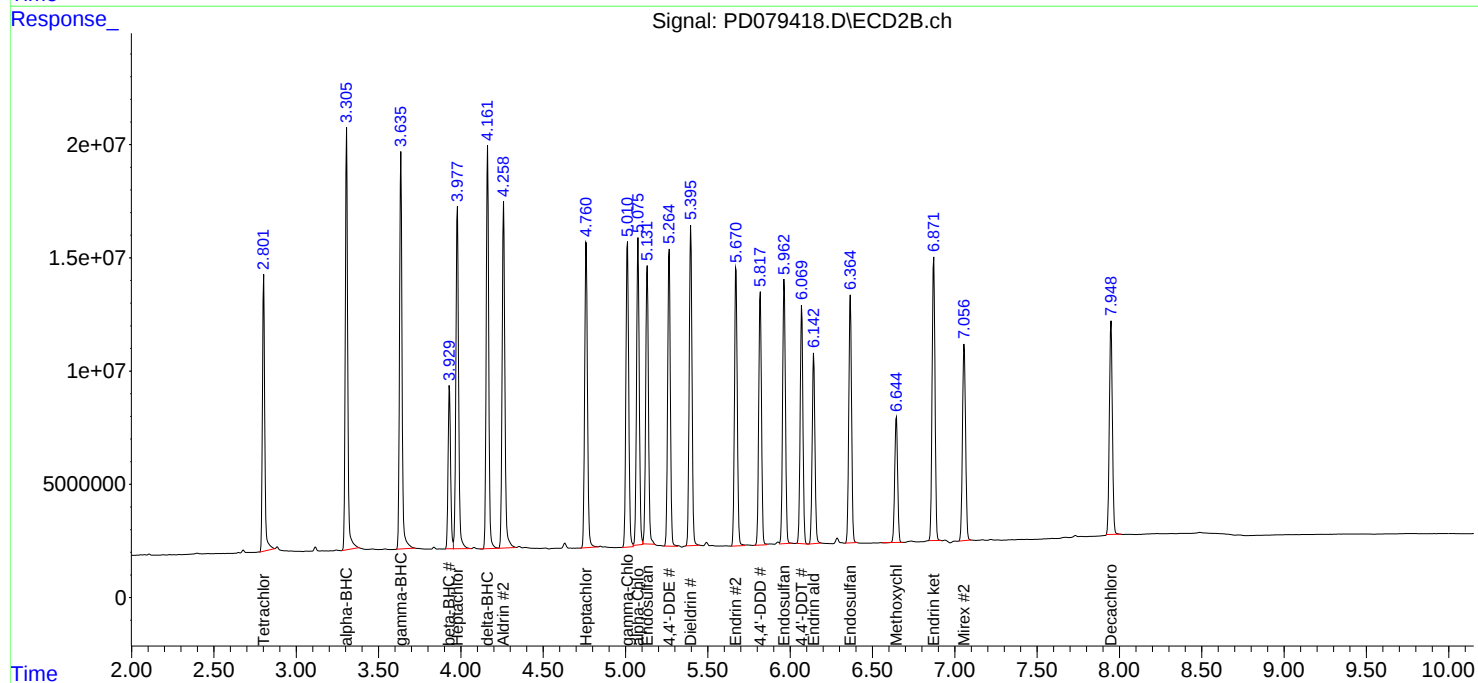
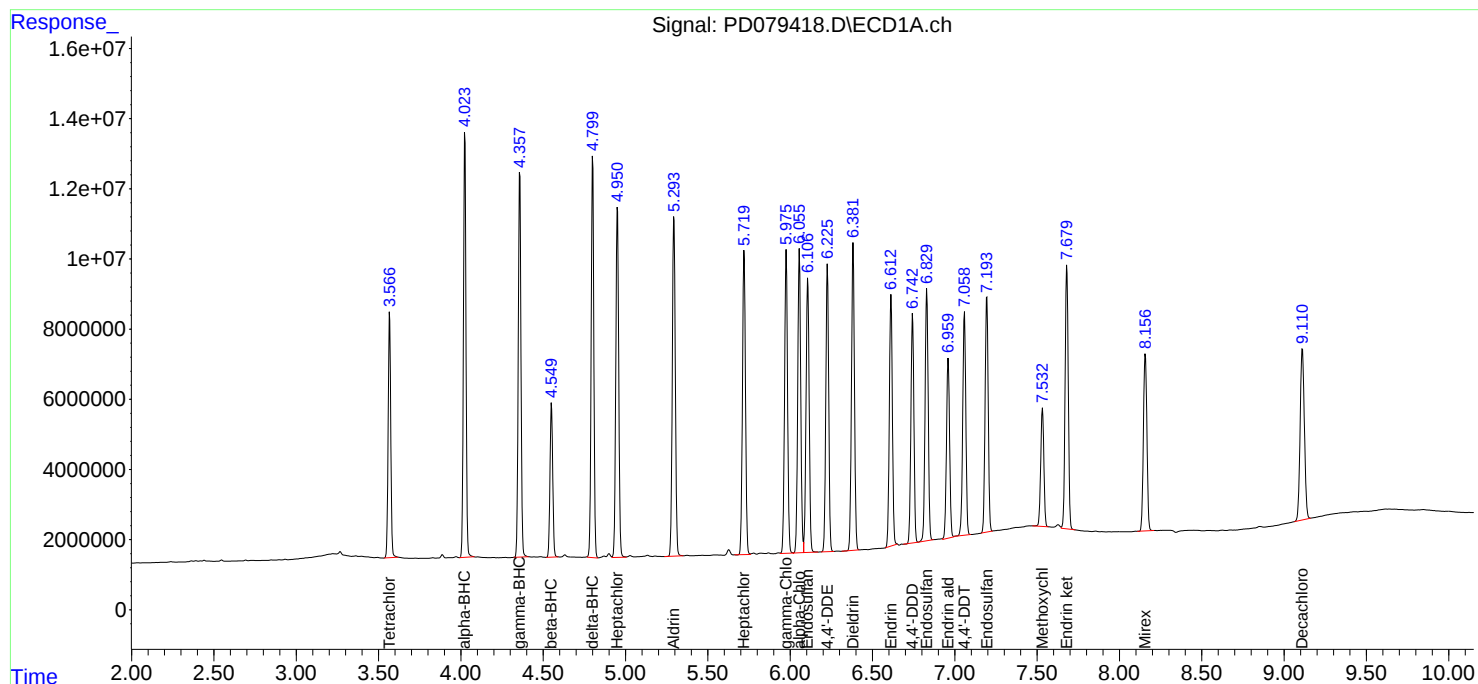
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

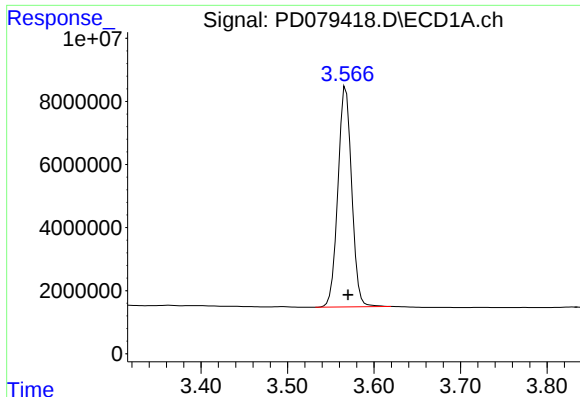
Manual Integrations
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Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:17:36 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.: 3.568 min
Delta R.T.: -0.002 min
Response: 76795235
Conc: 47.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

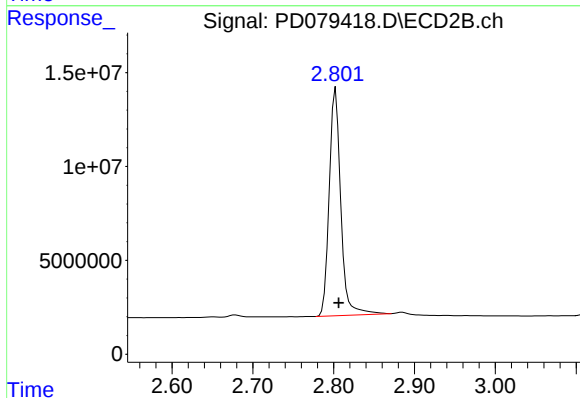
PSTDCCC050

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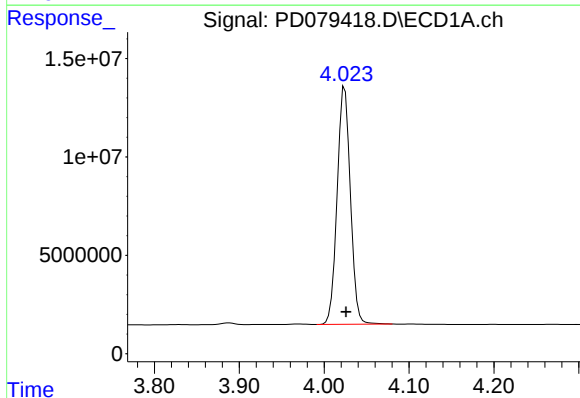
Reviewed By :Abdul Mirza 11/04/2023

Supervised By :mohammad ahmed 11/06/2023



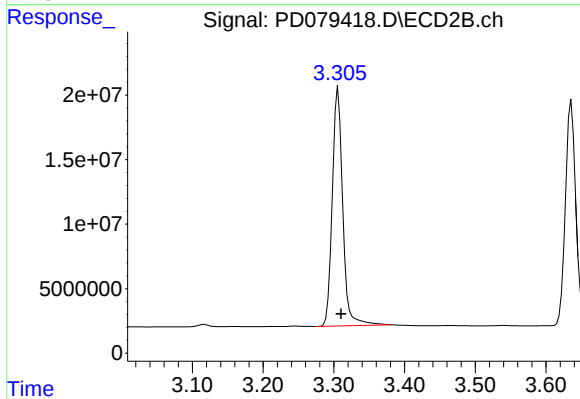
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.004 min
Response: 120818090
Conc: 52.18 ng/ml



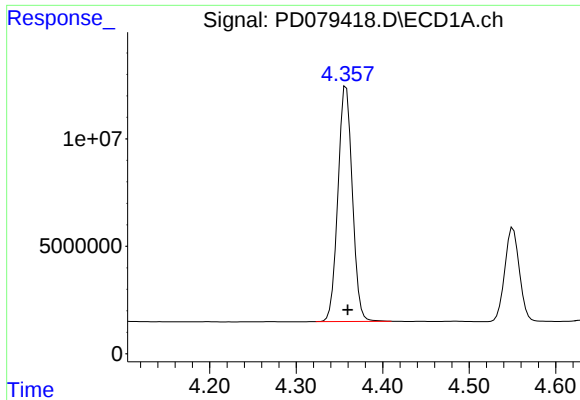
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 130922093
Conc: 49.18 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 189665891
Conc: 54.70 ng/ml



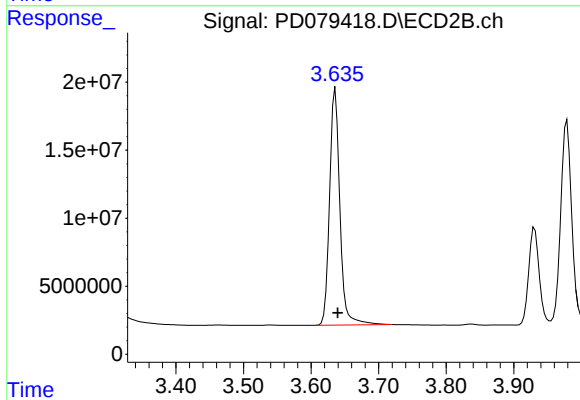
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 125773083
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

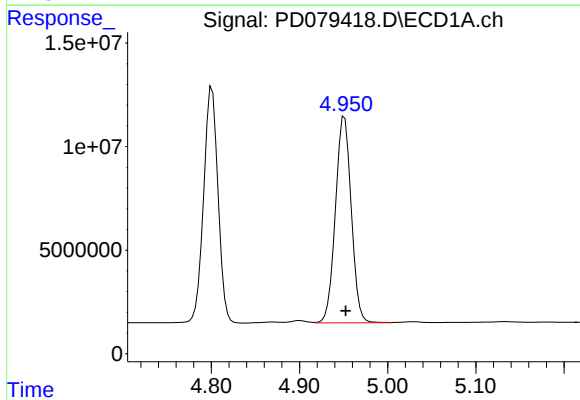
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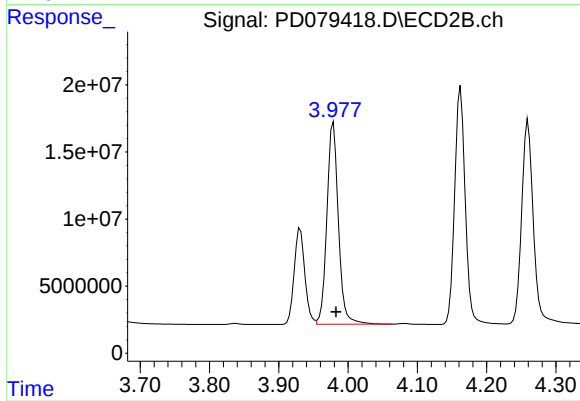
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 185464043
Conc: 54.62 ng/ml



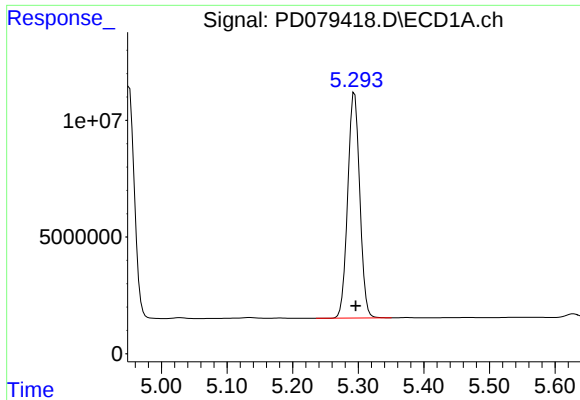
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 124380989
Conc: 46.50 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 173684038
Conc: 56.87 ng/ml



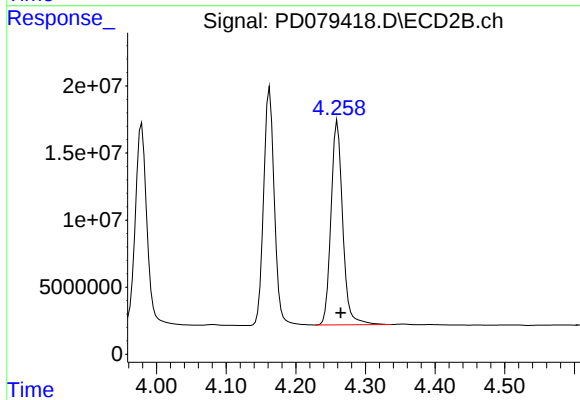
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 123196200
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

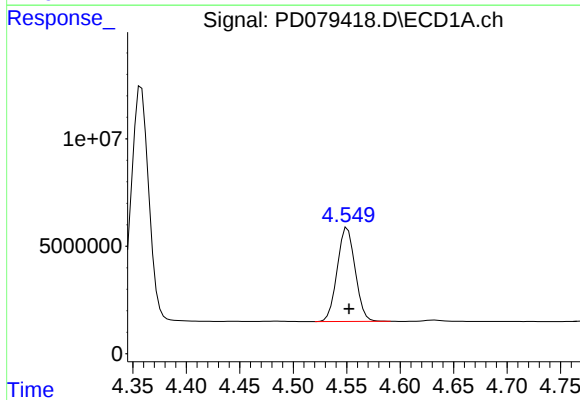
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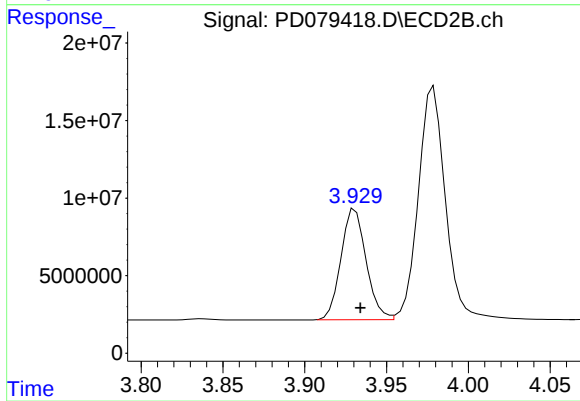
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: -0.004 min
Response: 177652522
Conc: 54.31 ng/ml



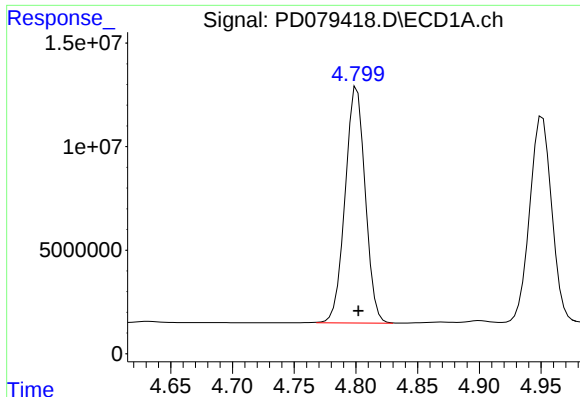
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 51045156
Conc: 47.63 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 76300091
Conc: 54.15 ng/ml



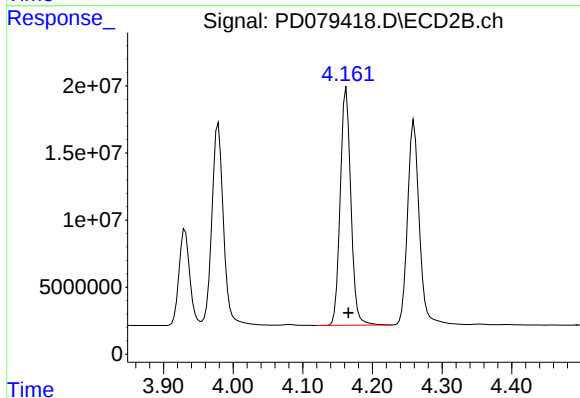
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 128928400
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

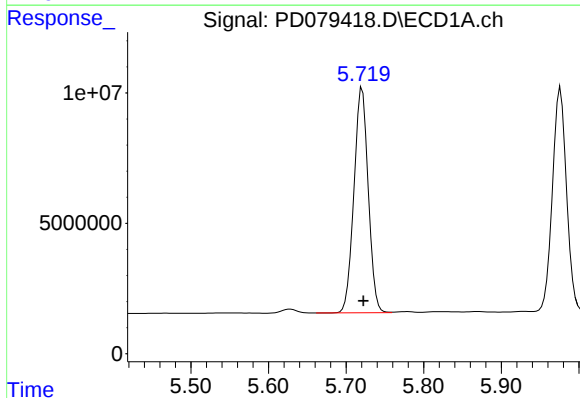
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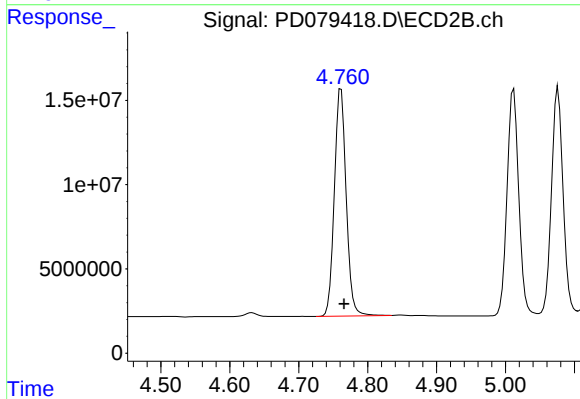
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: -0.003 min
Response: 187944164
Conc: 56.13 ng/ml



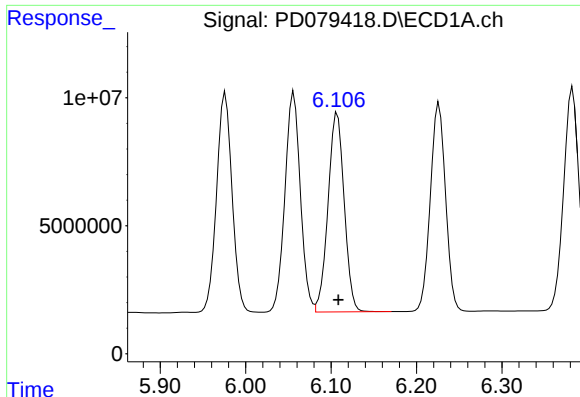
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: -0.001 min
Response: 110434206
Conc: 47.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 160818183
Conc: 54.24 ng/ml



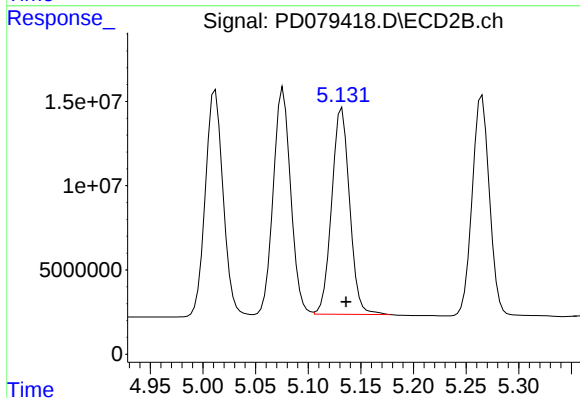
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 102646391
Conc: 47.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

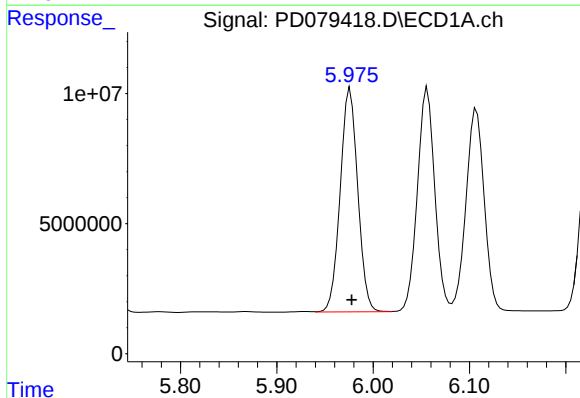
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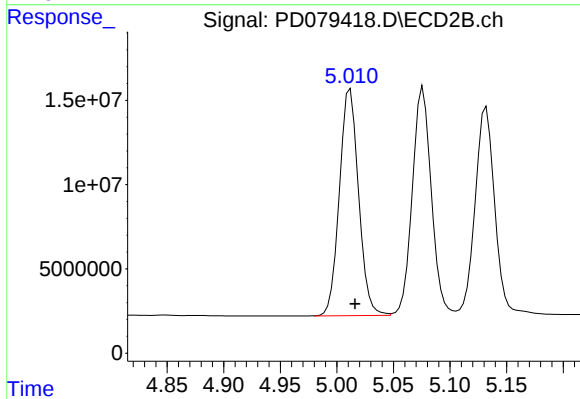
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 144971432
Conc: 54.75 ng/ml m



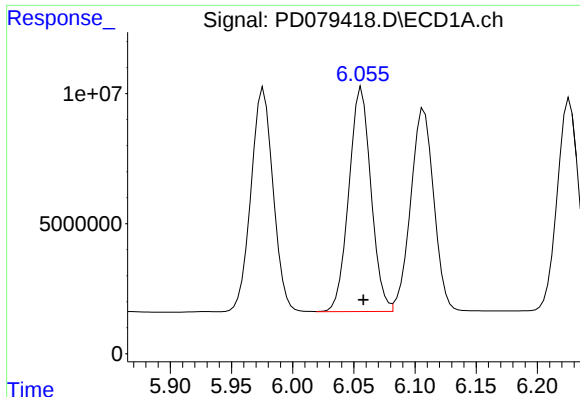
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 108495071
Conc: 47.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 158526446
Conc: 55.25 ng/ml m



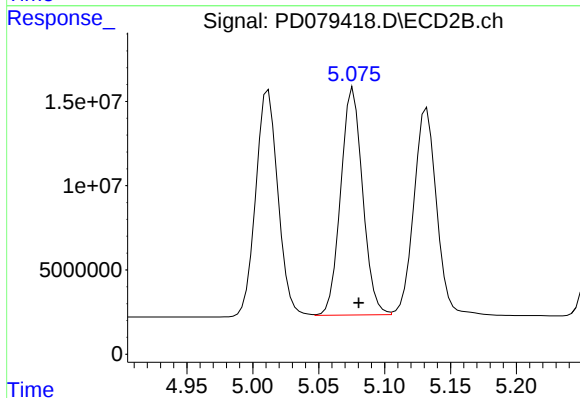
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: -0.001 min
Response: 108212515
Conc: 47.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

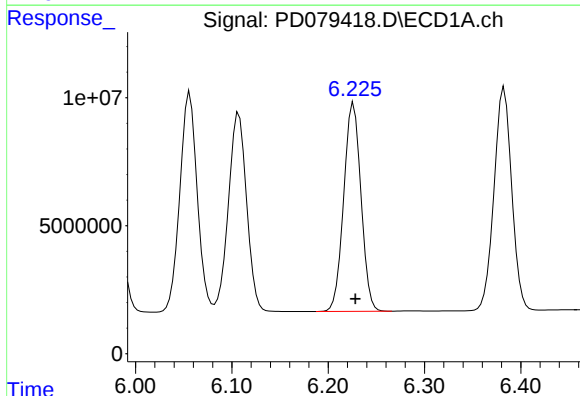
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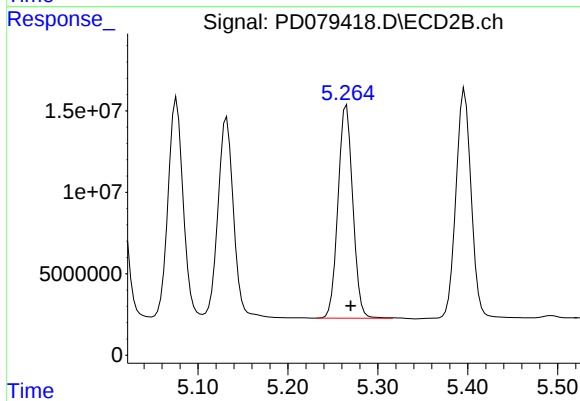
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 156050372
Conc: 54.38 ng/ml m



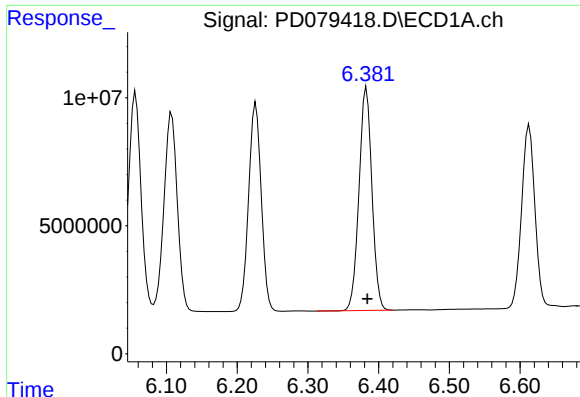
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 100971202
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 149421562
Conc: 56.12 ng/ml



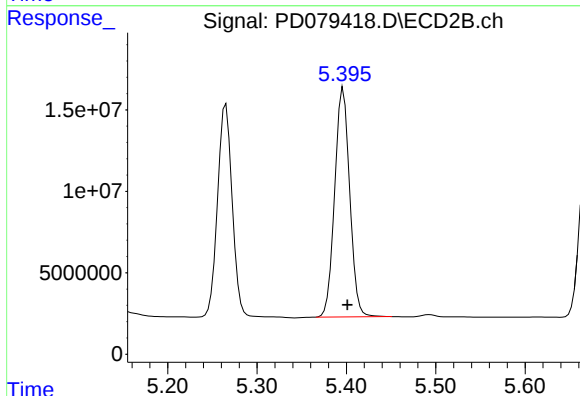
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: -0.001 min
Response: 110678785
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

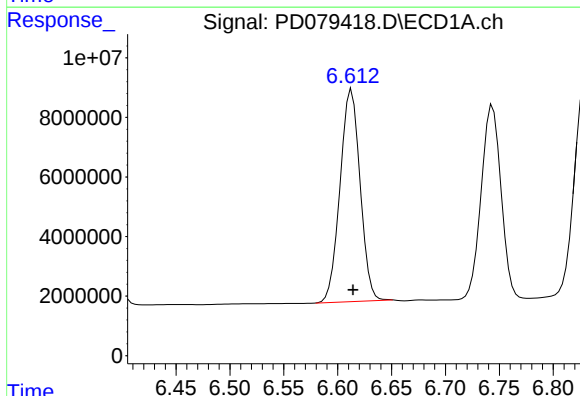
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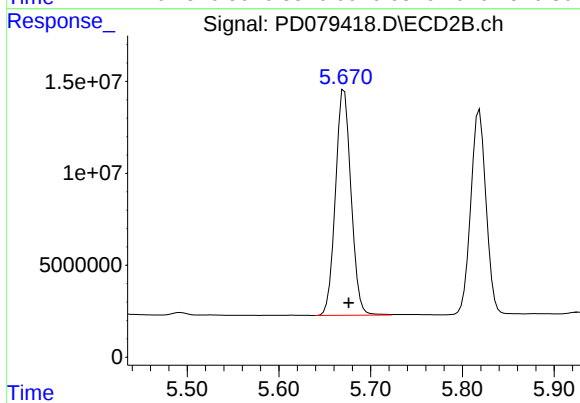
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: -0.005 min
Response: 164239794
Conc: 55.30 ng/ml



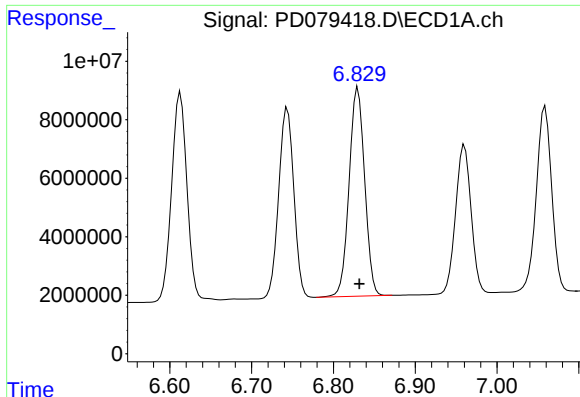
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.001 min
Response: 92484721
Conc: 47.49 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 145126948
Conc: 56.71 ng/ml



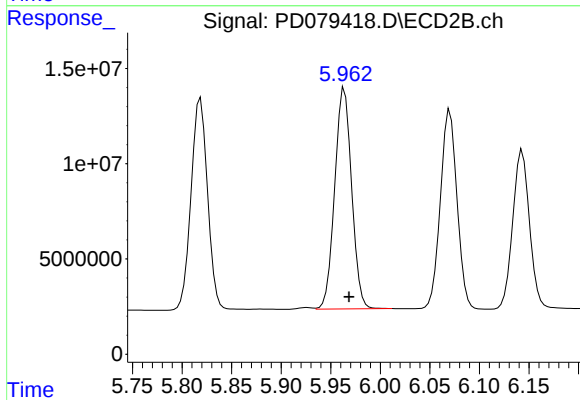
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.002 min
Response: 93922935
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

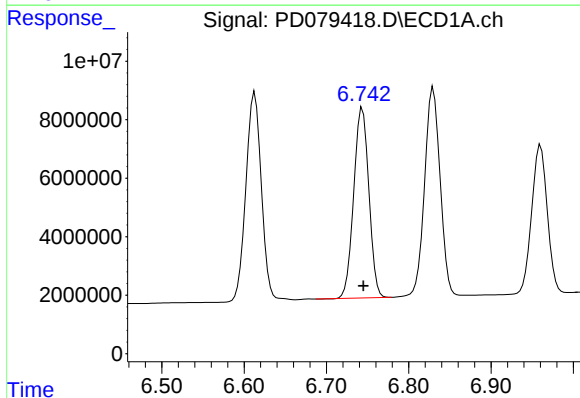
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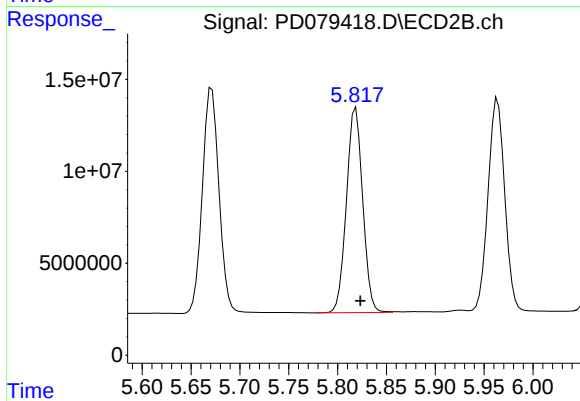
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 137578610
Conc: 55.11 ng/ml



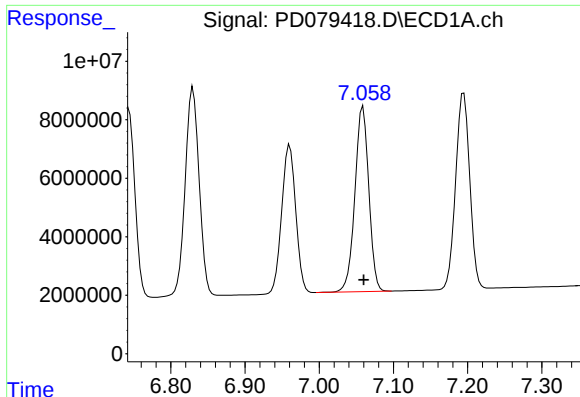
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 83125154
Conc: 47.29 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: -0.005 min
Response: 128976055
Conc: 56.46 ng/ml



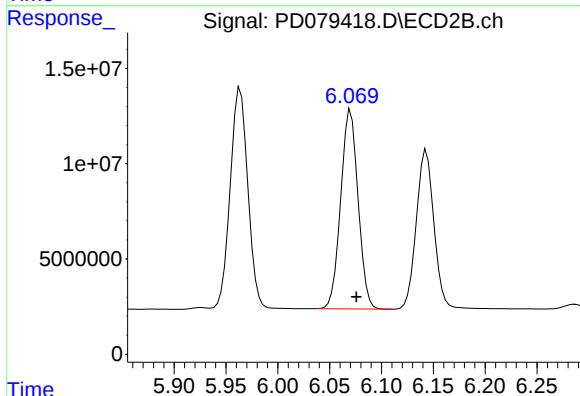
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 82385665
Conc: 43.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

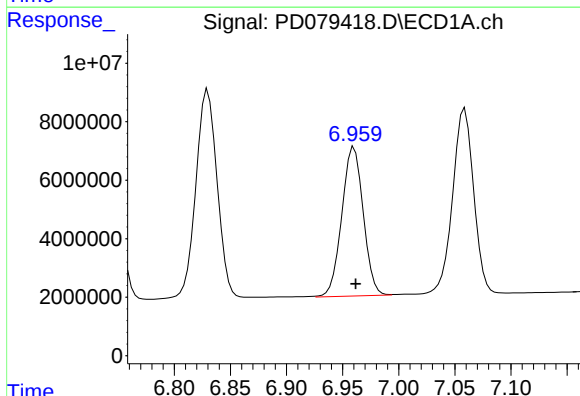
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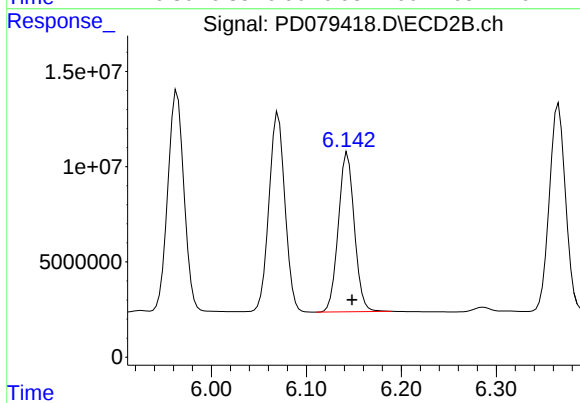
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 121993006
Conc: 53.29 ng/ml



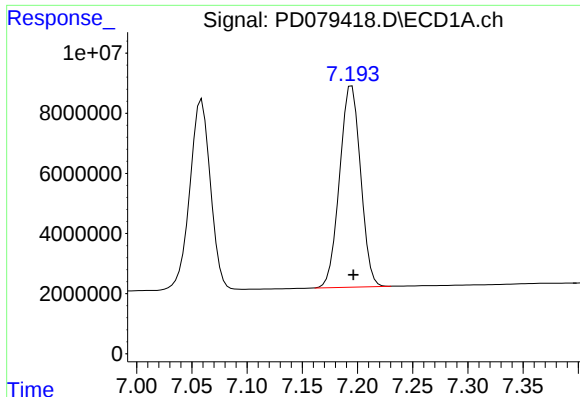
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 67677981
Conc: 43.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 98085014
Conc: 52.75 ng/ml



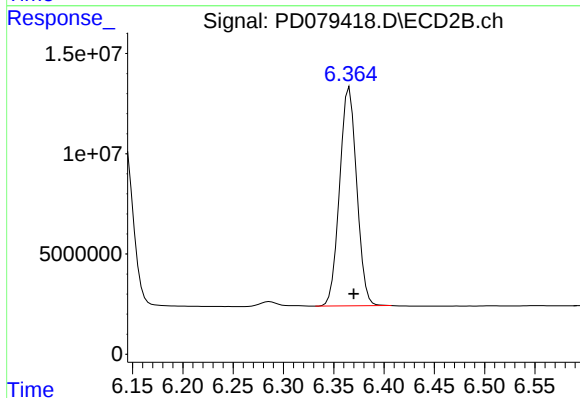
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.001 min
Response: 88743188
Conc: 44.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

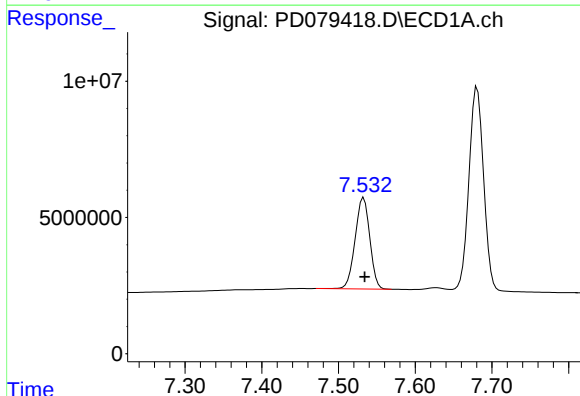
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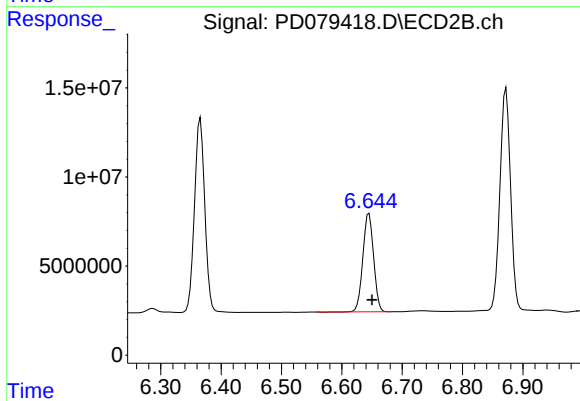
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 128970089
Conc: 55.24 ng/ml



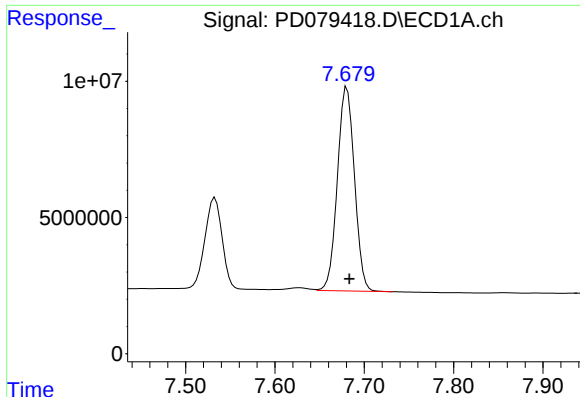
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.001 min
Response: 44855993
Conc: 40.94 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 68499136
Conc: 50.45 ng/ml



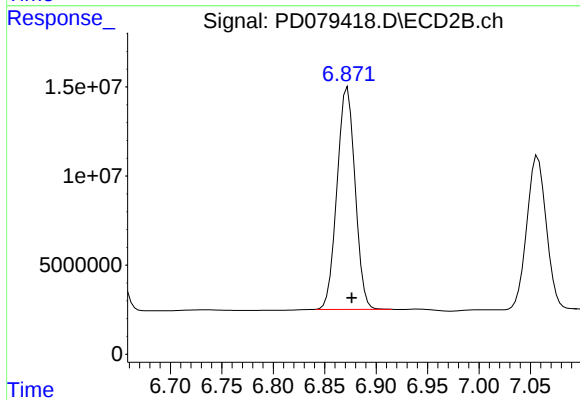
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 99387643
Conc: 45.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

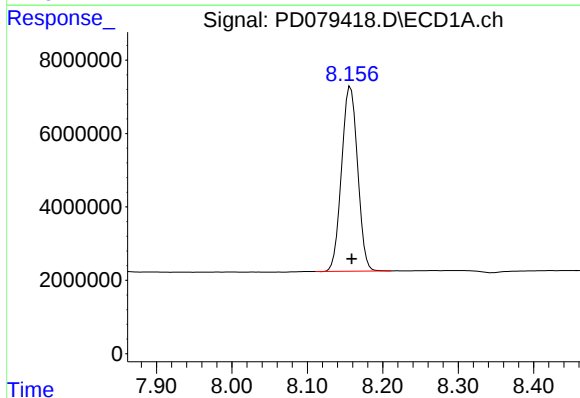
Manual Integrations
APPROVED

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



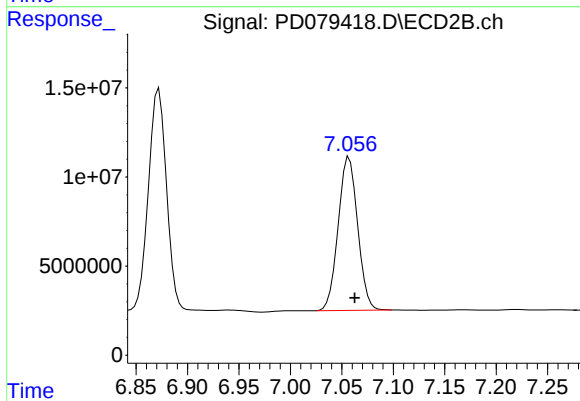
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 152121461
Conc: 54.41 ng/ml



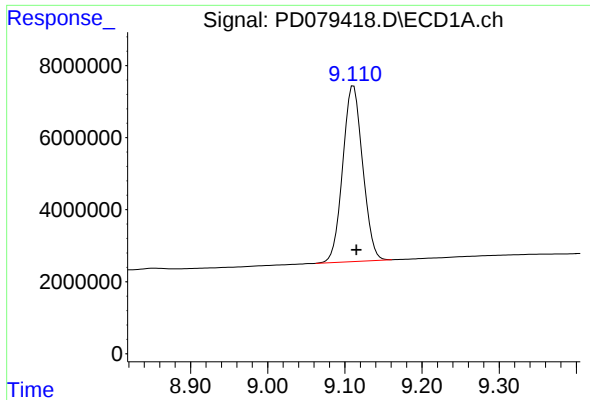
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.001 min
Response: 74390124
Conc: 43.95 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 113590195
Conc: 53.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.003 min
Response: 87437006
Conc: 43.59 ng/ml

Instrument :

ECD_D

ClientSampleId :

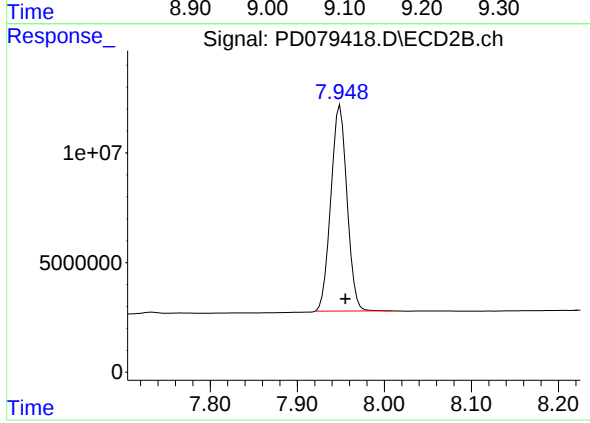
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 121232048
Conc: 49.74 ng/ml