

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 09:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:01:30 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...	3.576	2.800	74785724	119.7E6	46.319	51.722
28)	SA Decachlor...	9.127	7.950	95222073	130.6E6	47.468	53.575
Target Compounds							
2)	A alpha-BHC	4.033	3.304	127.4E6	188.0E6	47.852	54.231
3)	MA gamma-BHC...	4.367	3.633	123.2E6	184.0E6	47.410	54.184
4)	MA Heptachlor	4.960	3.976	121.5E6	171.2E6	45.415	56.057
5)	MB Aldrin	5.304	4.257	121.7E6	178.7E6	47.217	54.641
6)	B beta-BHC	4.561	3.928	49778202	74945648	46.453	53.187
7)	B delta-BHC	4.810	4.160	126.5E6	187.4E6	47.254	55.962
8)	B Heptachlo...	5.731	4.759	111.2E6	160.8E6	47.429	54.248
9)	A Endosulfan I	6.117	5.129	102.8E6	143.2E6	47.405	54.068m
10)	B gamma-Chl...	5.986	5.008	109.4E6	156.8E6	47.695	54.650m
11)	B alpha-Chl...	6.067	5.073	108.0E6	154.1E6	47.380	53.695m
12)	B 4,4'-DDE	6.237	5.264	100.9E6	148.4E6	47.771	55.726
13)	MA Dieldrin	6.392	5.395	110.8E6	164.4E6	47.559	55.341
14)	MA Endrin	6.623	5.671	89336041	142.0E6	45.870	55.504
15)	B Endosulfa...	6.840	5.963	95423381	138.4E6	46.785	55.455
16)	A 4,4'-DDD	6.754	5.818	84096765	127.7E6	47.838	55.919
17)	MA 4,4'-DDT	7.069	6.070	86472893	126.4E6	45.664	55.202
18)	B Endrin al...	6.970	6.143	72276325	105.1E6	46.802	56.522
19)	B Endosulfa...	7.205	6.365	92586826	131.1E6	46.570	56.145
20)	A Methoxychlor	7.543	6.644	48490375	71714697	44.252	52.823
21)	B Endrin ke...	7.691	6.871	105.2E6	157.5E6	48.261	56.346
22)	Mirex	8.168	7.057	79058070	116.8E6	46.706	54.693

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 09:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

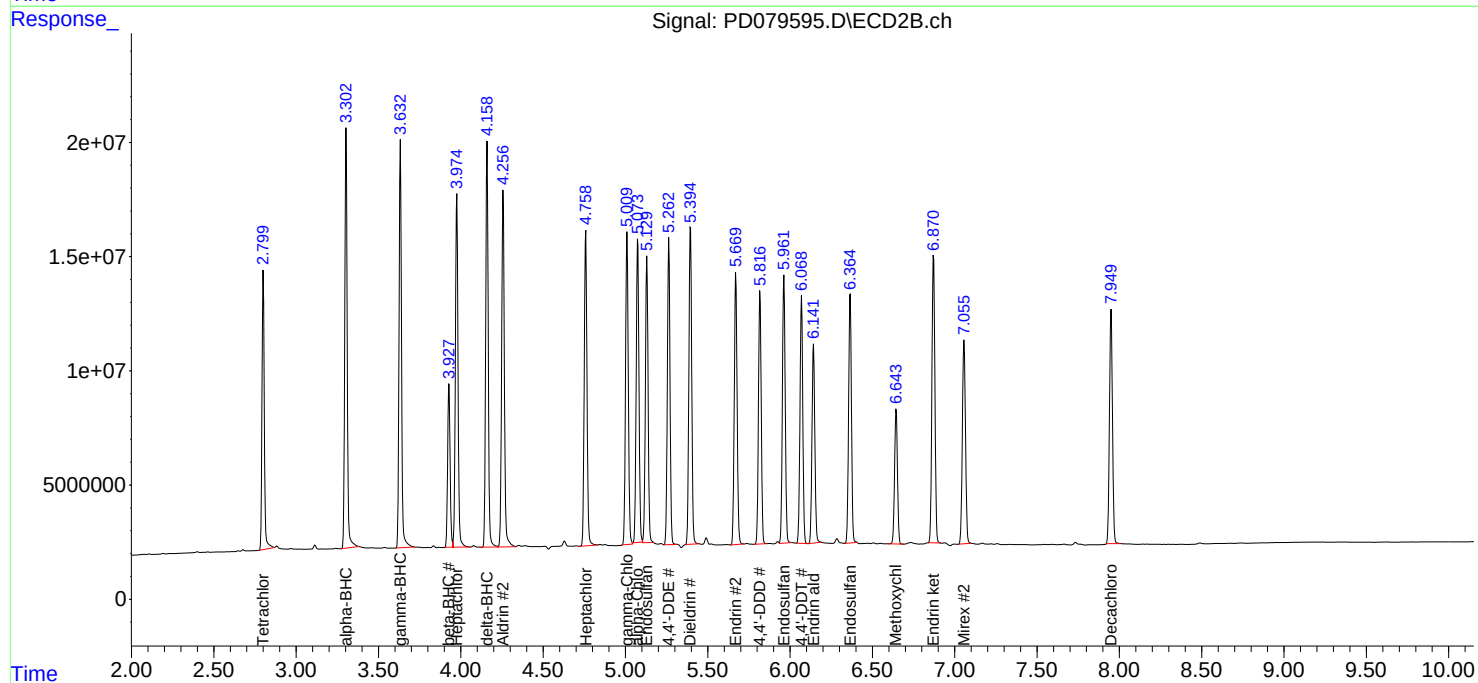
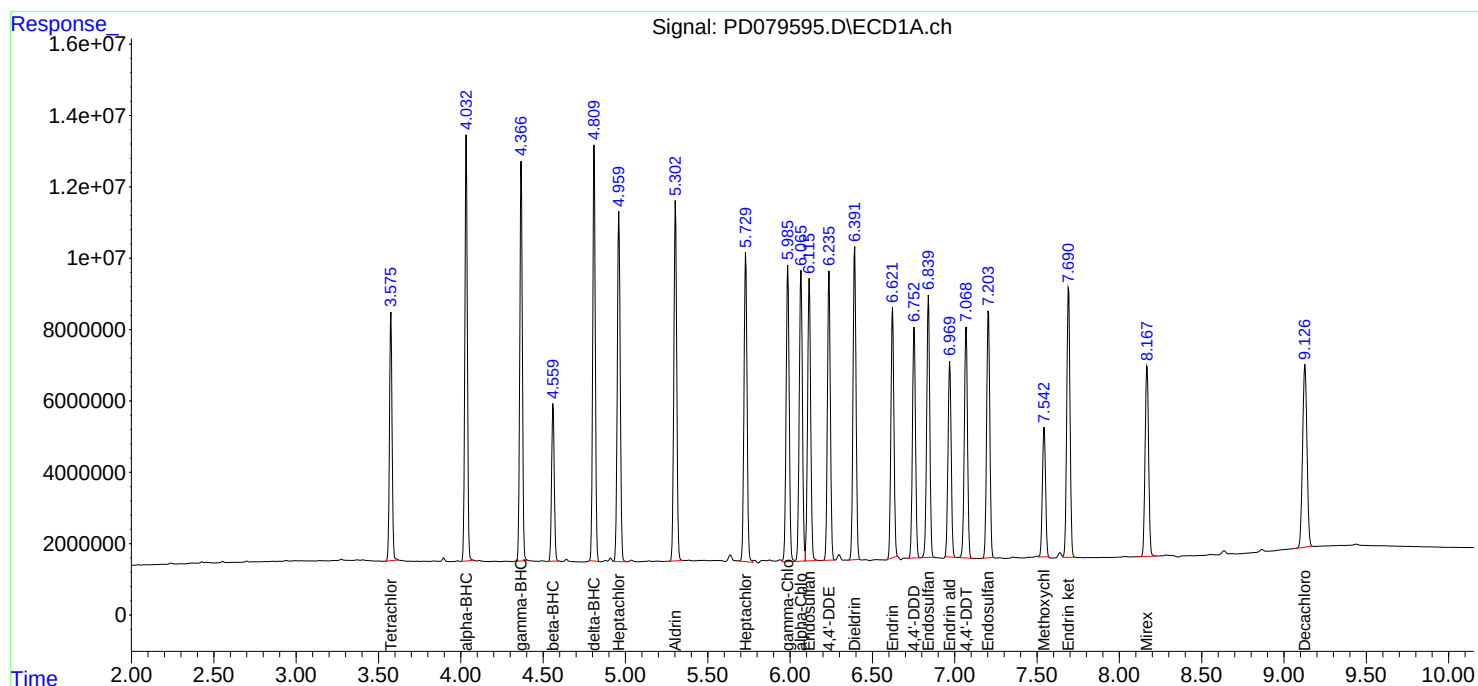
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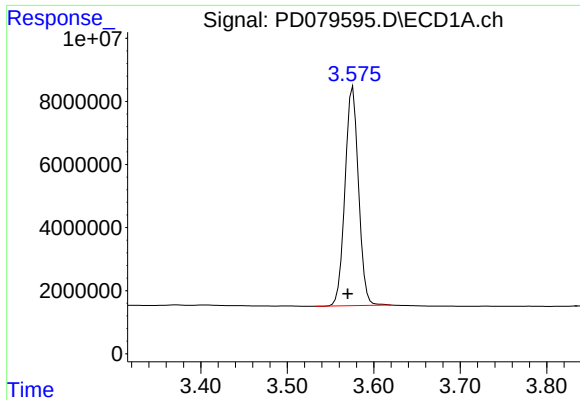
Reviewed By :Abdul Mirza 11/10/2023

Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:01:30 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





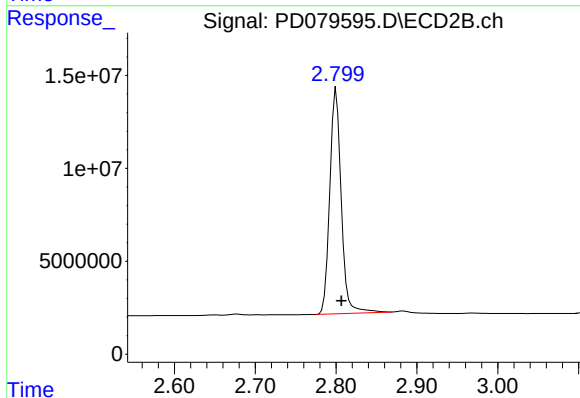
#1 Tetrachloro-m-xylene

R.T.: 3.576 min
Delta R.T.: 0.006 min
Response: 74785724
Conc: 46.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

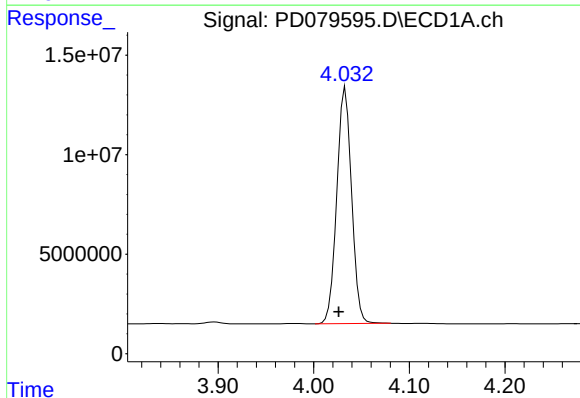
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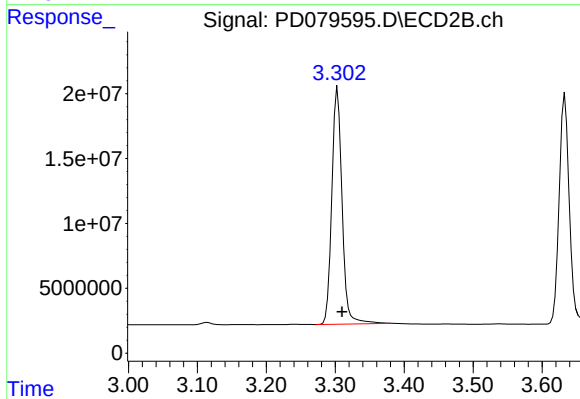
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.006 min
Response: 119749633
Conc: 51.72 ng/ml



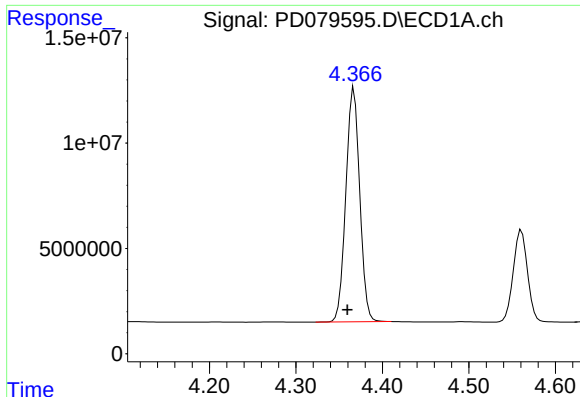
#2 alpha-BHC

R.T.: 4.033 min
Delta R.T.: 0.007 min
Response: 127385036
Conc: 47.85 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: -0.006 min
Response: 188043604
Conc: 54.23 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.367 min
Delta R.T.: 0.008 min
Response: 123209753
Conc: 47.41 ng/ml

Instrument :

ECD_D

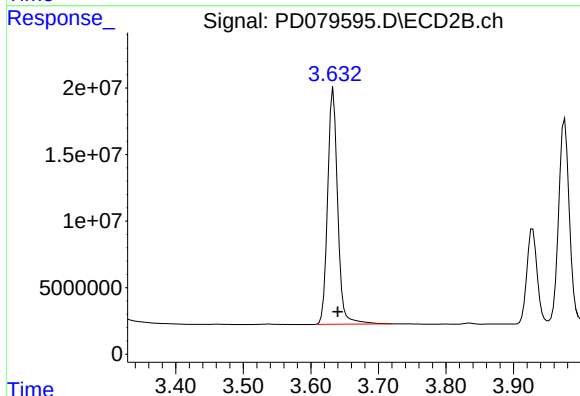
ClientSampleId :

PSTDCCC050

Manual Integrations

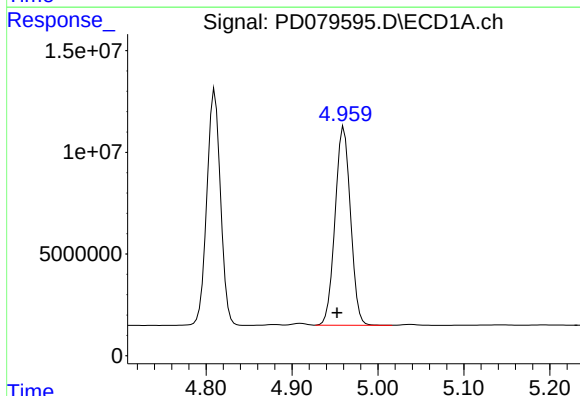
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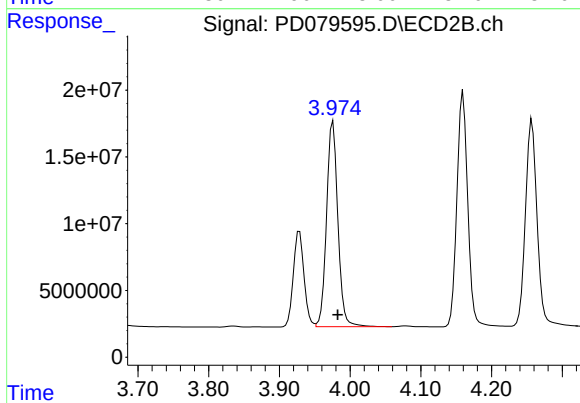
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: -0.007 min
Response: 183997031
Conc: 54.18 ng/ml



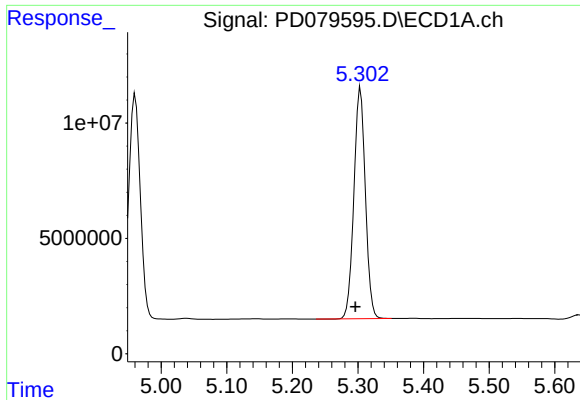
#4 Heptachlor

R.T.: 4.960 min
Delta R.T.: 0.008 min
Response: 121482831
Conc: 45.42 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: -0.007 min
Response: 171205048
Conc: 56.06 ng/ml



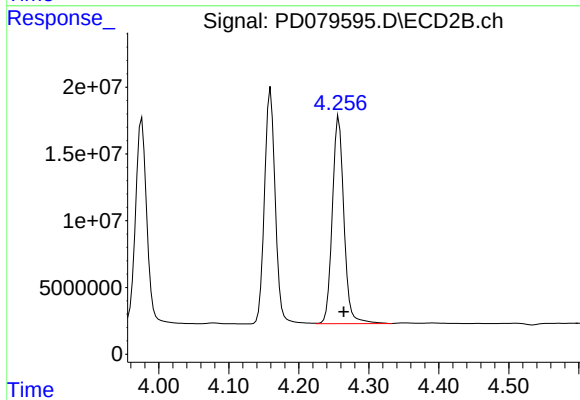
#5 Aldrin

R.T.: 5.304 min
Delta R.T.: 0.008 min
Response: 121668511
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

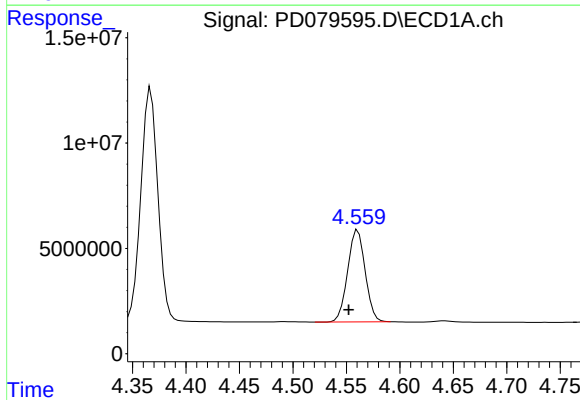
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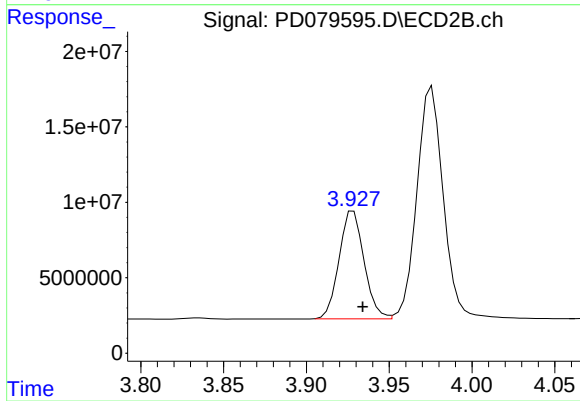
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: -0.007 min
Response: 178749334
Conc: 54.64 ng/ml



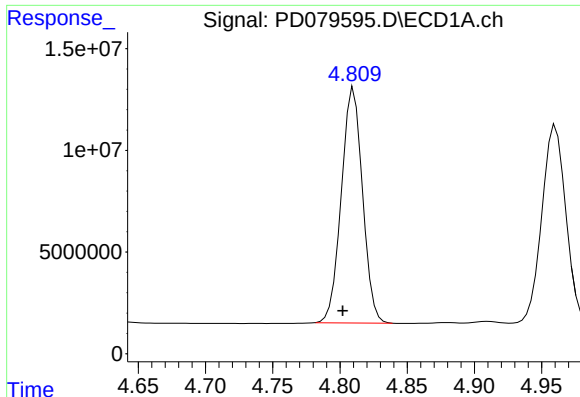
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: 0.008 min
Response: 49778202
Conc: 46.45 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 74945648
Conc: 53.19 ng/ml



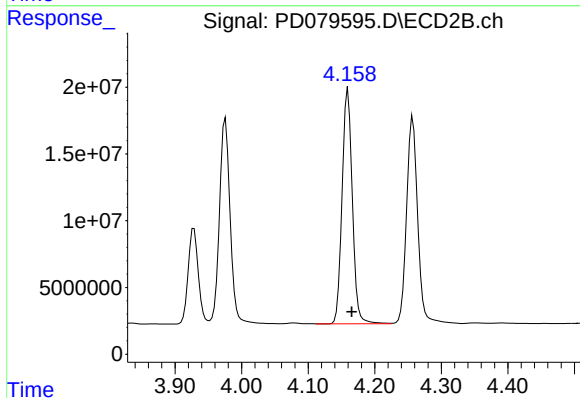
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: 0.008 min
Response: 126501004
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

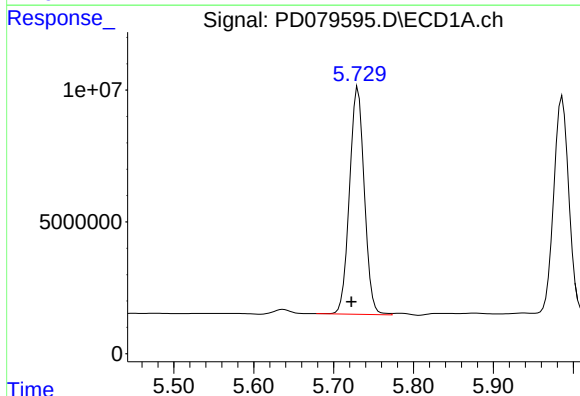
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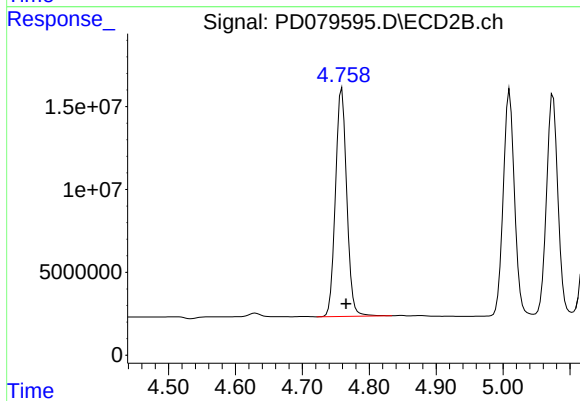
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.006 min
Response: 187375695
Conc: 55.96 ng/ml



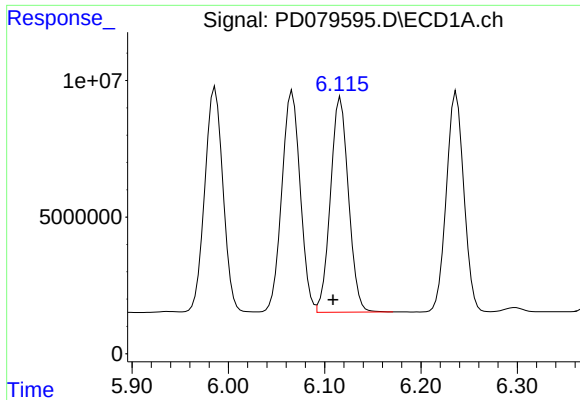
#8 Heptachlor epoxide

R.T.: 5.731 min
Delta R.T.: 0.008 min
Response: 111157747
Conc: 47.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 160829502
Conc: 54.25 ng/ml



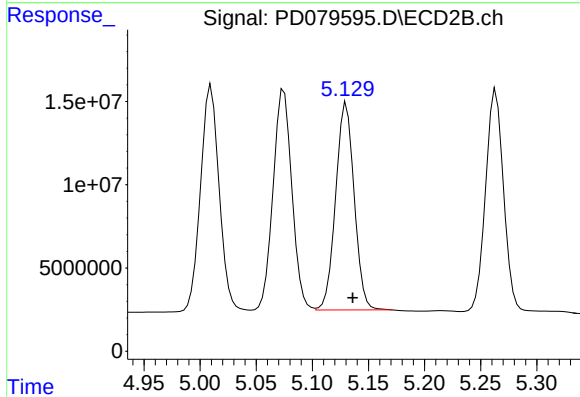
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.008 min
Response: 102770740
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

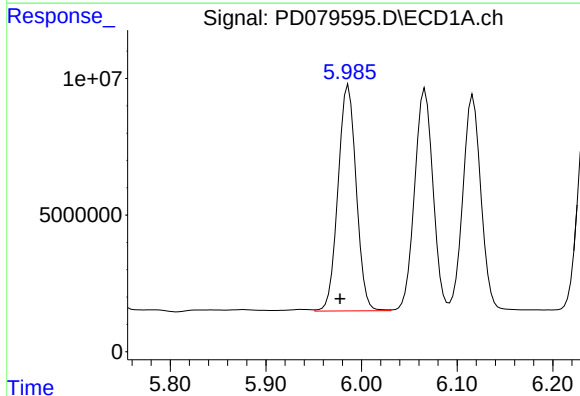
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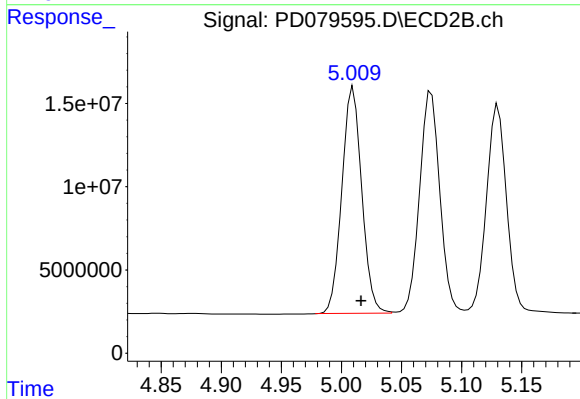
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 143156554
Conc: 54.07 ng/ml m



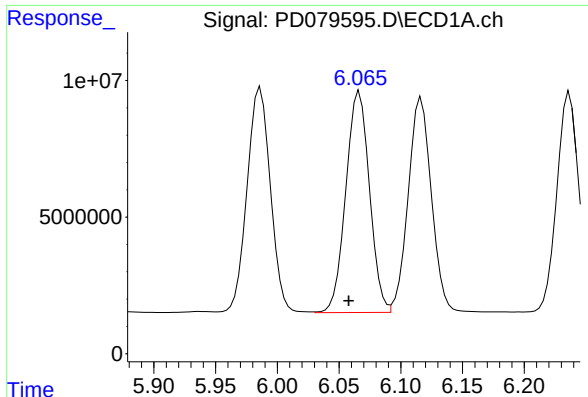
#10 gamma-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.009 min
Response: 109352546
Conc: 47.70 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.008 min
Response: 156814889
Conc: 54.65 ng/ml m



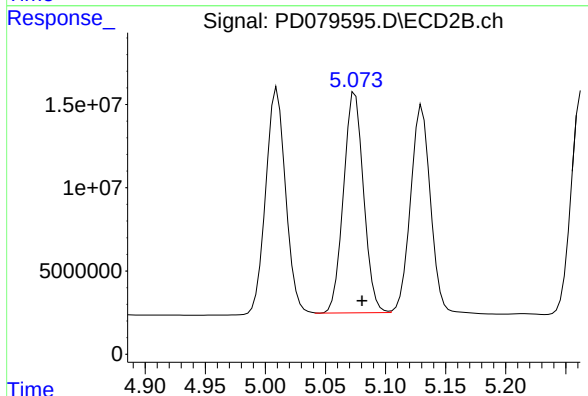
#11 alpha-Chlordane

R.T.: 6.067 min
Delta R.T.: 0.009 min
Response: 108036577
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

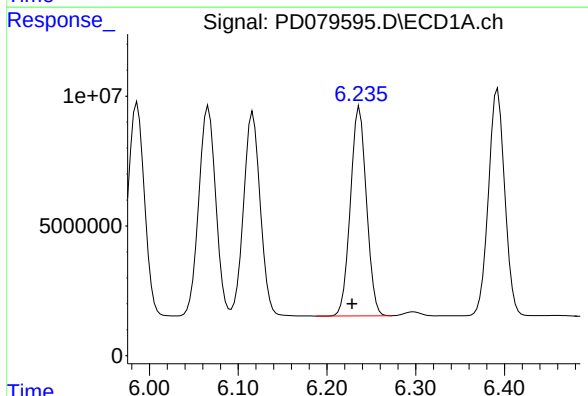
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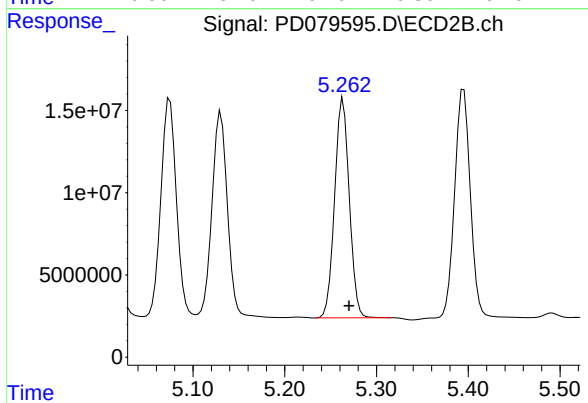
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: -0.007 min
Response: 154096522
Conc: 53.70 ng/ml m



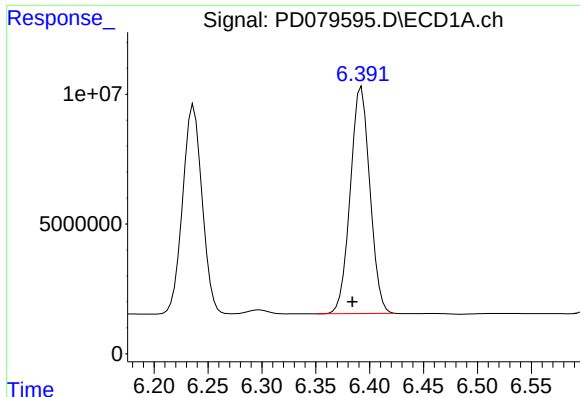
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: 0.009 min
Response: 100944384
Conc: 47.77 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 148365288
Conc: 55.73 ng/ml



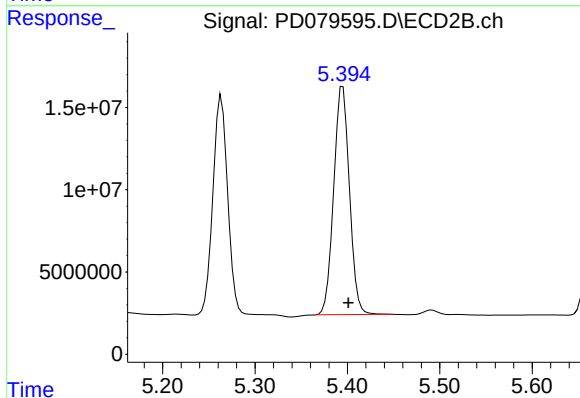
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: 0.009 min
Response: 110757777
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

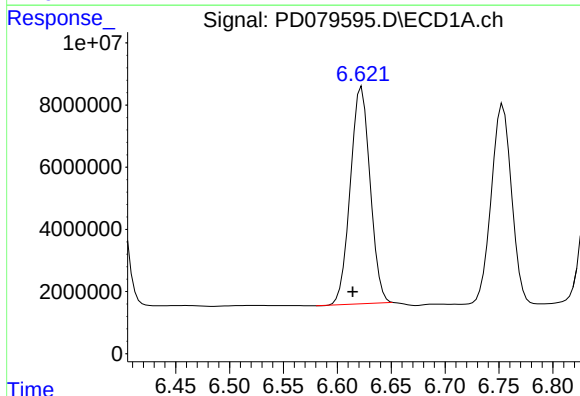
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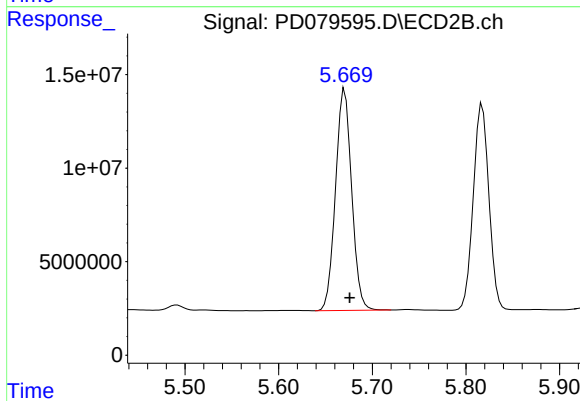
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 164355916
Conc: 55.34 ng/ml



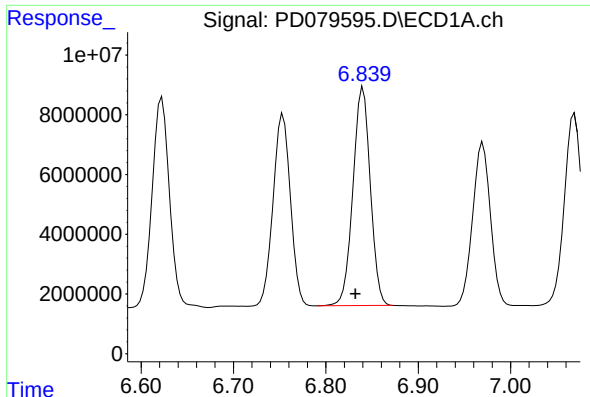
#14 Endrin

R.T.: 6.623 min
Delta R.T.: 0.008 min
Response: 89336041
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.006 min
Response: 142041331
Conc: 55.50 ng/ml



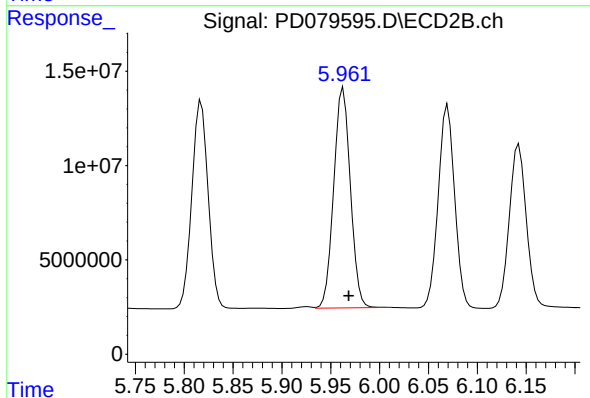
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.008 min
Response: 95423381
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

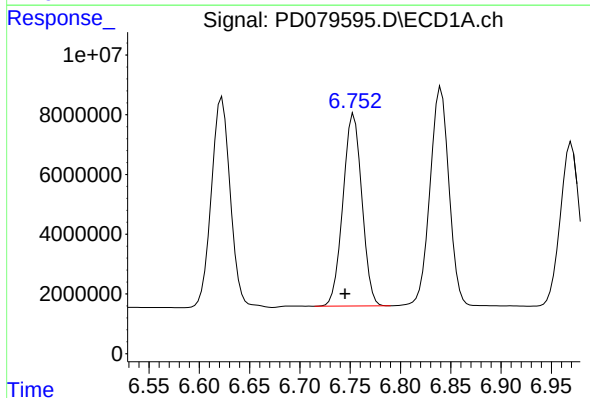
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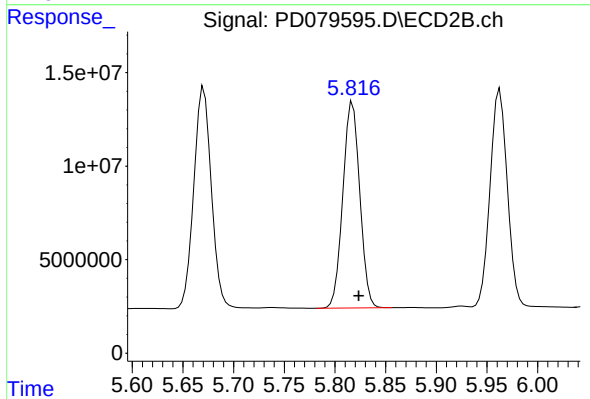
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.006 min
Response: 138444664
Conc: 55.46 ng/ml



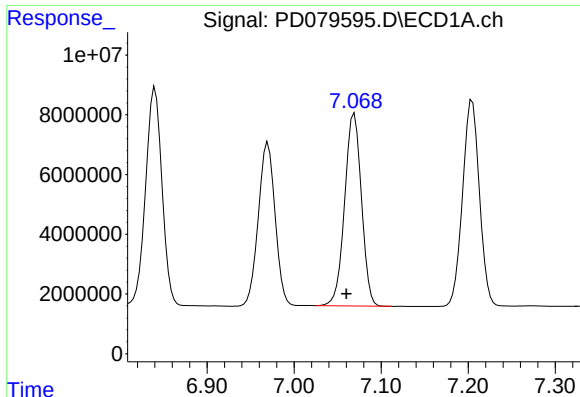
#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.009 min
Response: 84096765
Conc: 47.84 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 127733566
Conc: 55.92 ng/ml



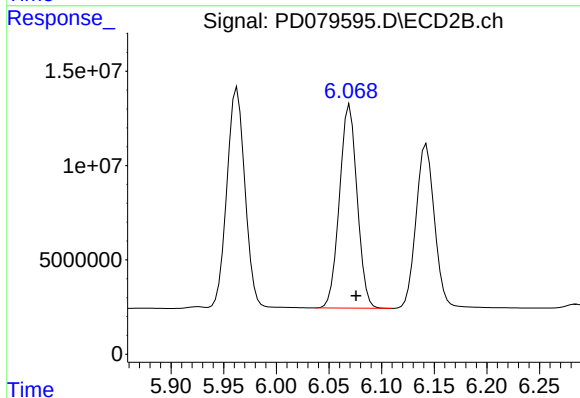
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.009 min
Response: 86472893
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

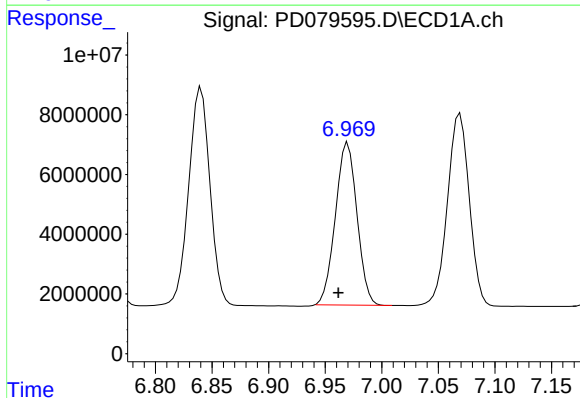
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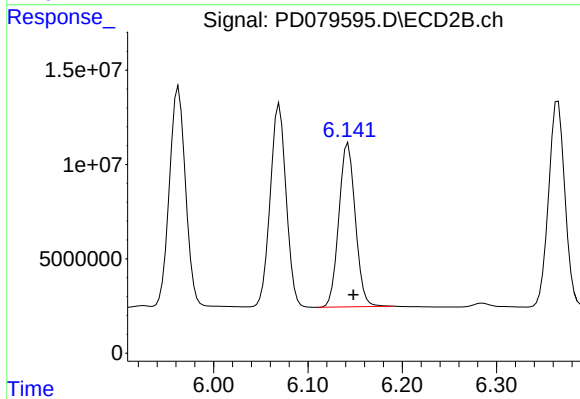
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 126378776
Conc: 55.20 ng/ml



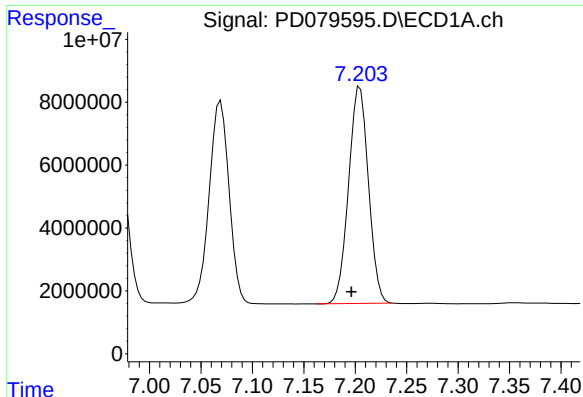
#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.008 min
Response: 72276325
Conc: 46.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 105091892
Conc: 56.52 ng/ml



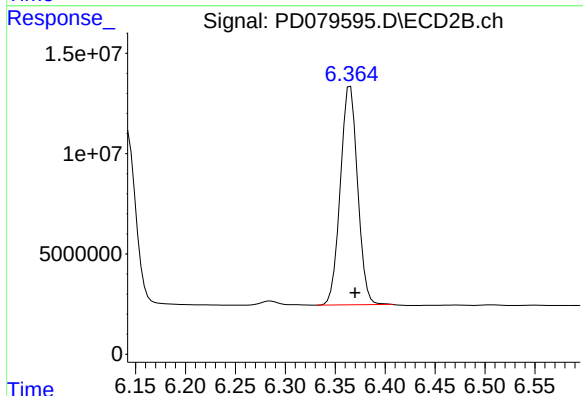
#19 Endosulfan Sulfate

R.T.: 7.205 min
Delta R.T.: 0.008 min
Response: 92586826
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

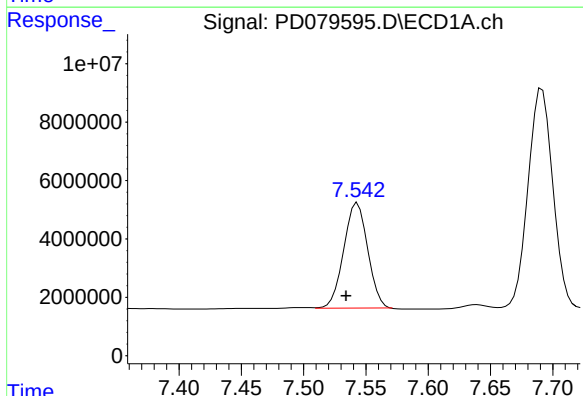
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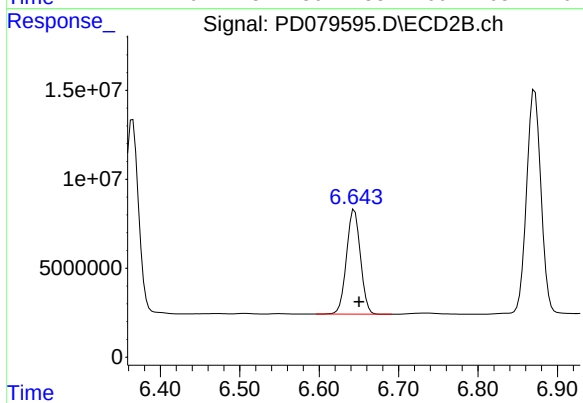
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 131089743
Conc: 56.15 ng/ml



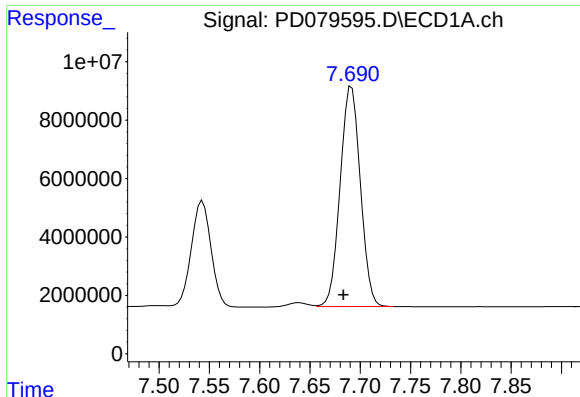
#20 Methoxychlor

R.T.: 7.543 min
Delta R.T.: 0.009 min
Response: 48490375
Conc: 44.25 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 71714697
Conc: 52.82 ng/ml



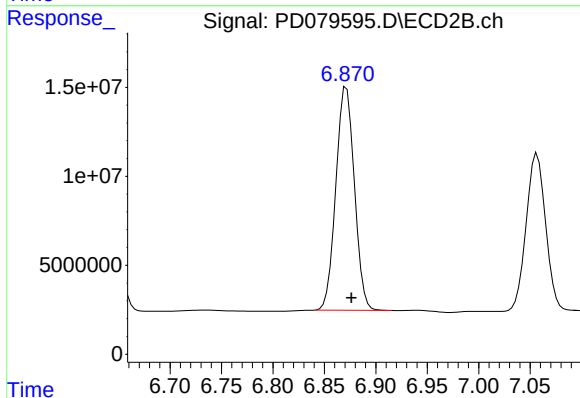
#21 Endrin ketone

R.T.: 7.691 min
Delta R.T.: 0.008 min
Response: 105216285
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

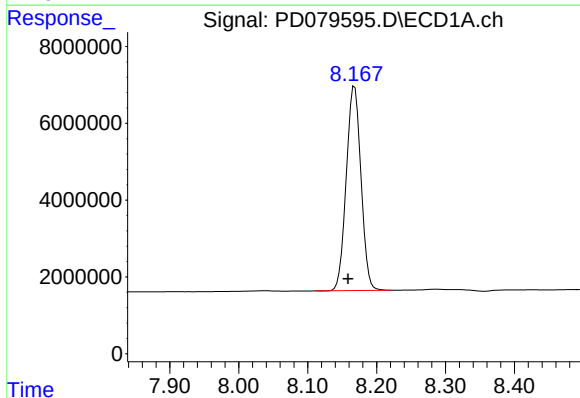
Manual Integrations
APPROVED

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



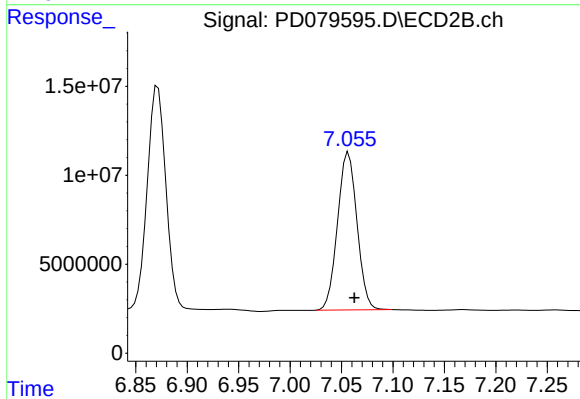
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 157529302
Conc: 56.35 ng/ml



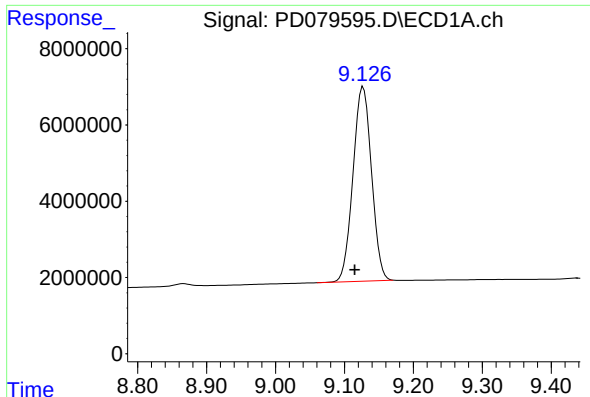
#22 Mirex

R.T.: 8.168 min
Delta R.T.: 0.009 min
Response: 79058070
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 116842692
Conc: 54.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.012 min
Response: 95222073
Conc: 47.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

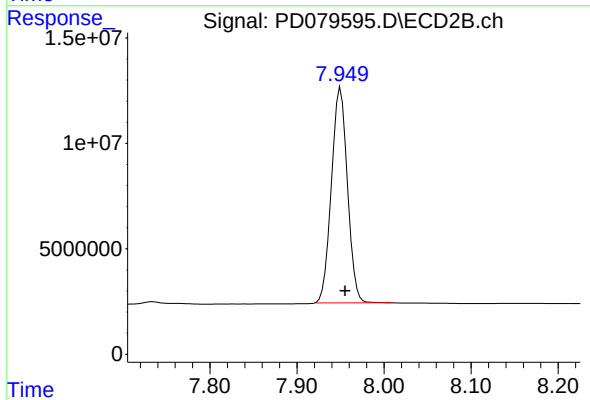
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: -0.005 min
Response: 130587824
Conc: 53.57 ng/ml