

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079548.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 13:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 20:17:51 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...	3.574	2.800	71648503	115.0E6	44.376	49.651
28)	SA Decachlor...	9.123	7.949	91755175	126.9E6	45.740	52.043
Target Compounds							
2)	A alpha-BHC	4.031	3.304	122.3E6	180.1E6	45.926	51.928
3)	MA gamma-BHC...	4.365	3.633	118.3E6	175.9E6	45.527	51.802
4)	MA Heptachlor	4.959	3.976	118.7E6	164.0E6	44.394	53.684
5)	MB Aldrin	5.302	4.257	117.9E6	169.8E6	45.762	51.890
6)	B beta-BHC	4.558	3.929	47947620	71337733	44.744	50.626
7)	B delta-BHC	4.808	4.160	121.7E6	178.2E6	45.474	53.224
8)	B Heptachlo...	5.728	4.759	106.3E6	154.0E6	45.365	51.935
9)	A Endosulfan I	6.115	5.129	99950997	136.9E6	46.104	51.689m
10)	B gamma-Chl...	5.984	5.008	105.4E6	150.3E6	45.969	52.373m
11)	B alpha-Chl...	6.064	5.073	104.8E6	148.3E6	45.962	51.661m
12)	B 4,4'-DDE	6.234	5.263	98594039	141.9E6	46.659	53.293
13)	MA Dieldrin	6.390	5.395	107.8E6	157.0E6	46.281	52.876
14)	MA Endrin	6.620	5.670	89260539	137.2E6	45.831	53.623
15)	B Endosulfa...	6.837	5.963	93523185	131.9E6	45.853	52.835
16)	A 4,4'-DDD	6.751	5.817	82165572	122.1E6	46.740	53.474
17)	MA 4,4'-DDT	7.066	6.069	86300129	122.9E6	45.573	53.686
18)	B Endrin al...	6.968	6.142	70245851	99926543	45.487	53.744
19)	B Endosulfa...	7.202	6.365	91358663	125.1E6	45.952	53.592
20)	A Methoxychlor	7.541	6.644	49454677	70726222	45.132	52.095
21)	B Endrin ke...	7.689	6.872	102.4E6	149.5E6	46.982	53.470
22)	Mirex	8.165	7.057	76446398	111.4E6	45.163	52.124

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079548.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 13:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

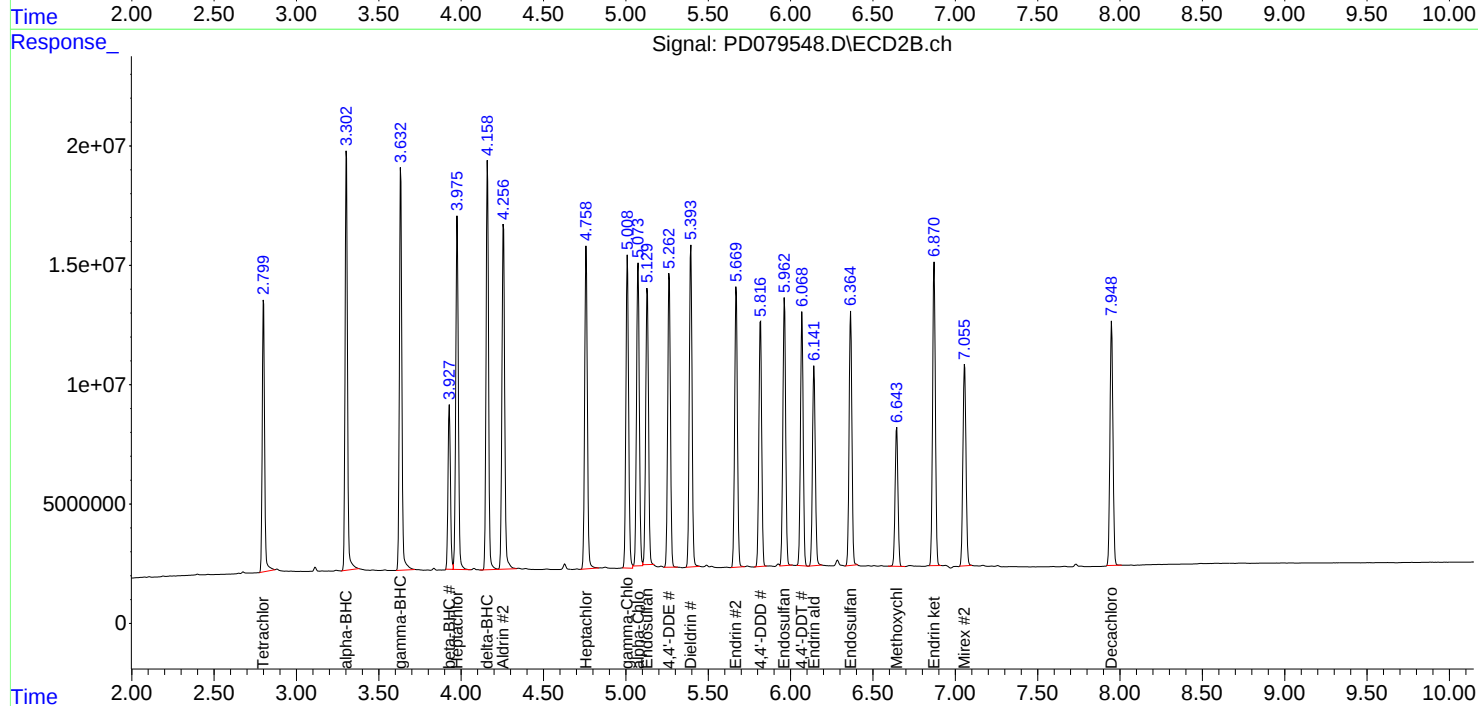
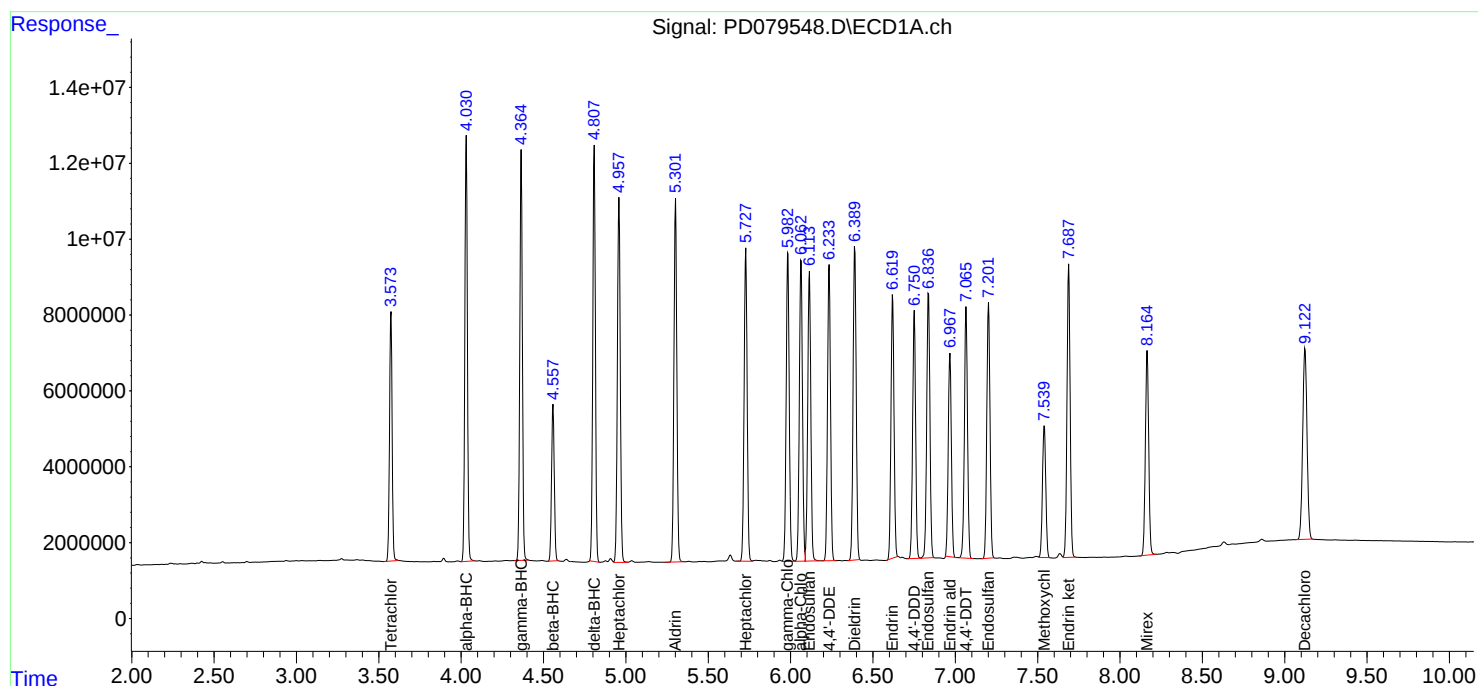
APPROVED

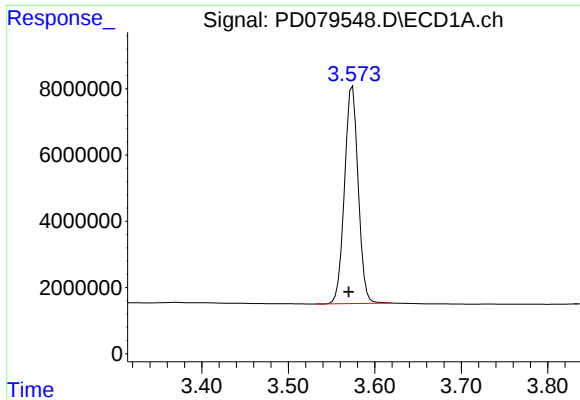
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 20:17:51 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





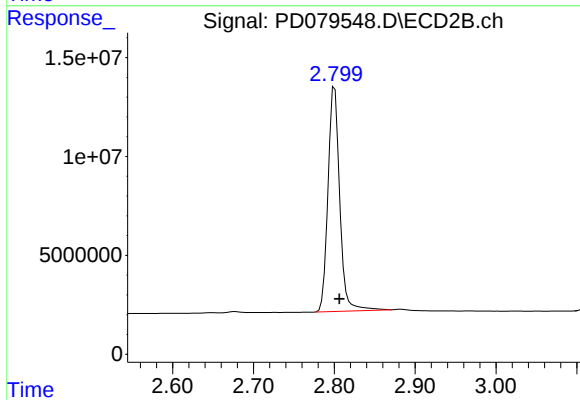
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.004 min
Response: 71648503
Conc: 44.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

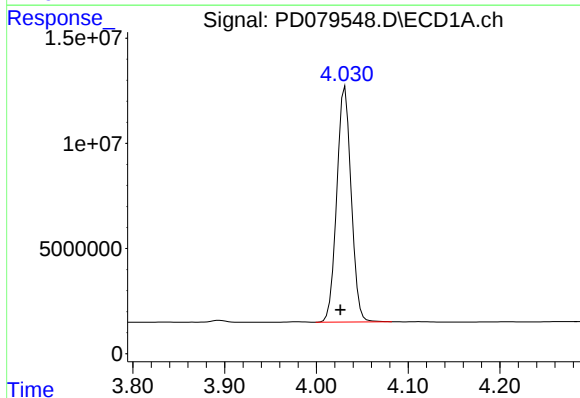
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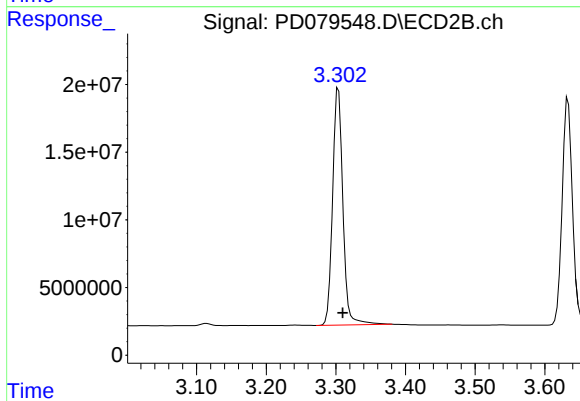
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.006 min
Response: 114956886
Conc: 49.65 ng/ml



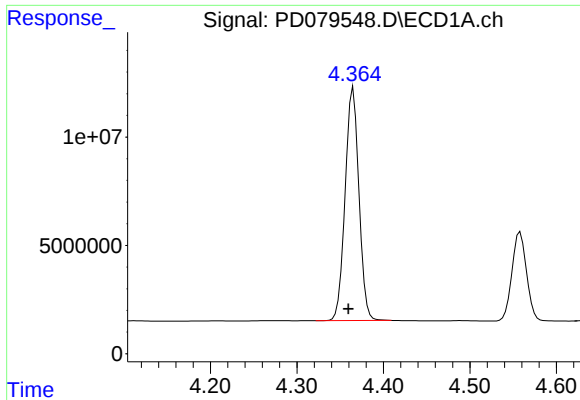
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.005 min
Response: 122257698
Conc: 45.93 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: -0.006 min
Response: 180057203
Conc: 51.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.006 min
Response: 118317277
Conc: 45.53 ng/ml

Instrument :

ECD_D

ClientSampleId :

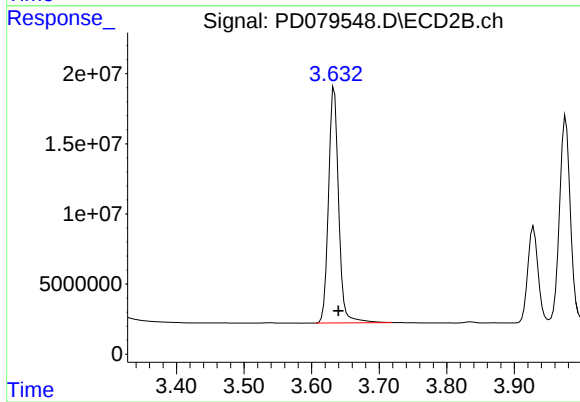
PSTDCCC050

Manual Integrations

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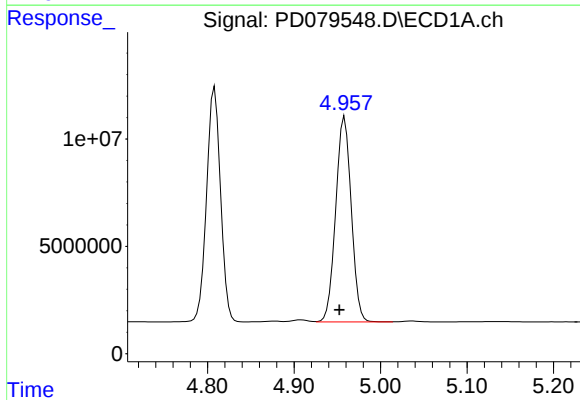
Reviewed By :Abdul Mirza 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023



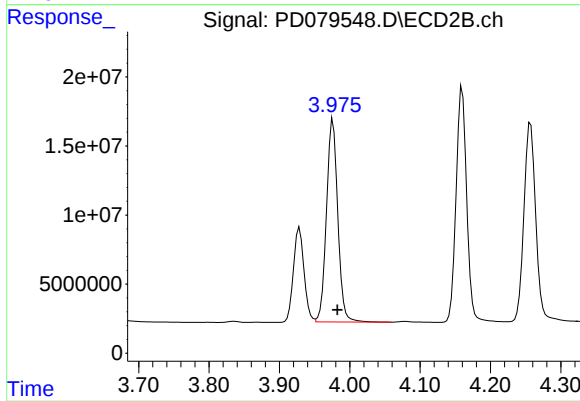
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: -0.006 min
Response: 175908664
Conc: 51.80 ng/ml



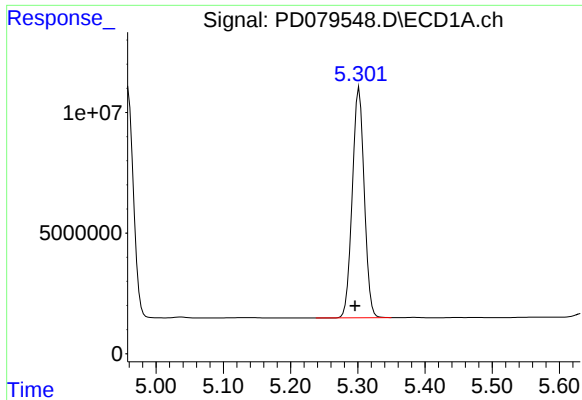
#4 Heptachlor

R.T.: 4.959 min
Delta R.T.: 0.006 min
Response: 118749860
Conc: 44.39 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 163959168
Conc: 53.68 ng/ml



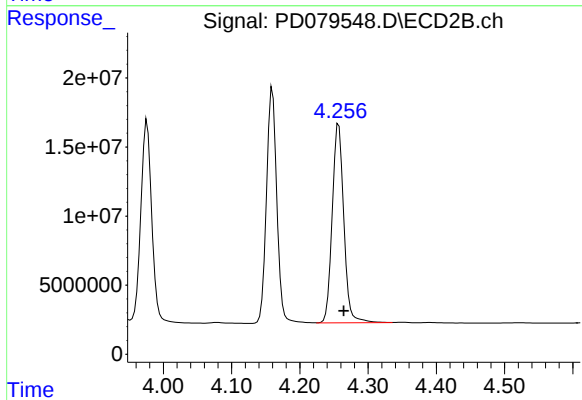
#5 Aldrin

R.T.: 5.302 min
Delta R.T.: 0.006 min
Response: 117918906
Conc: 45.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

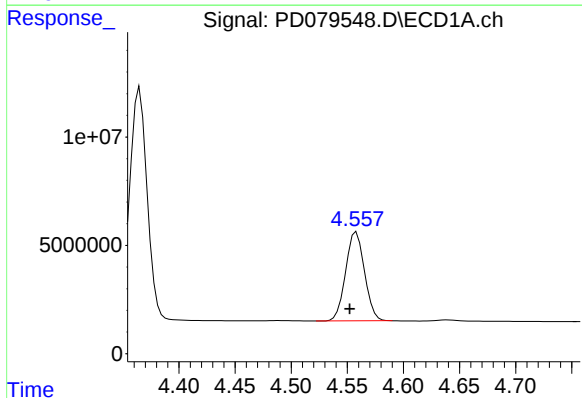
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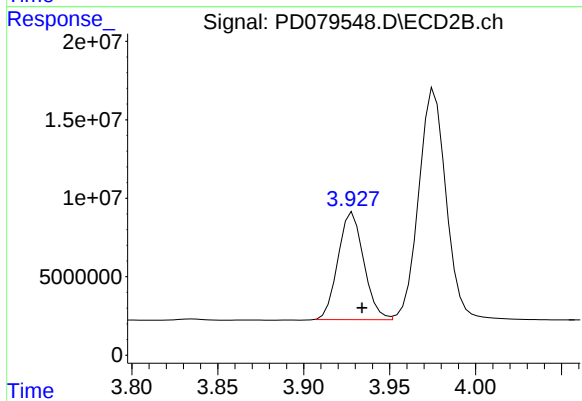
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: -0.007 min
Response: 169750850
Conc: 51.89 ng/ml



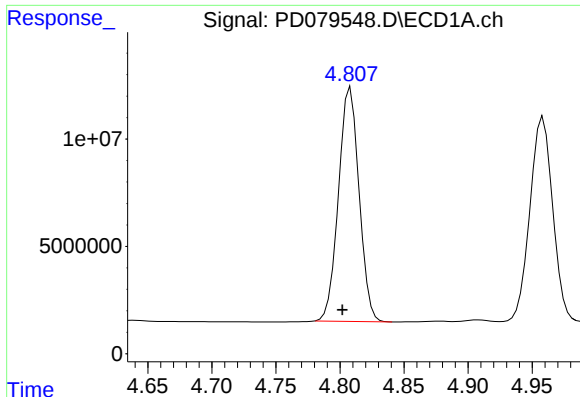
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.006 min
Response: 47947620
Conc: 44.74 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: -0.005 min
Response: 71337733
Conc: 50.63 ng/ml



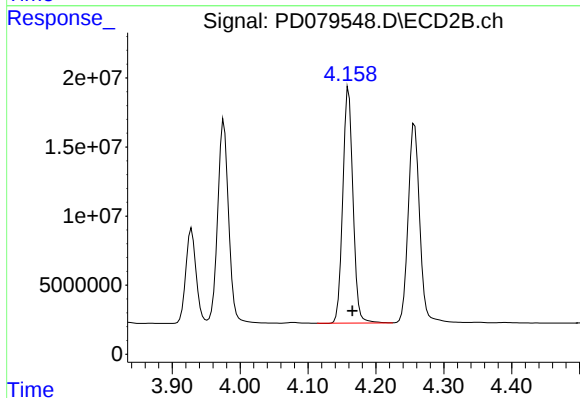
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.006 min
Response: 121736155
Conc: 45.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

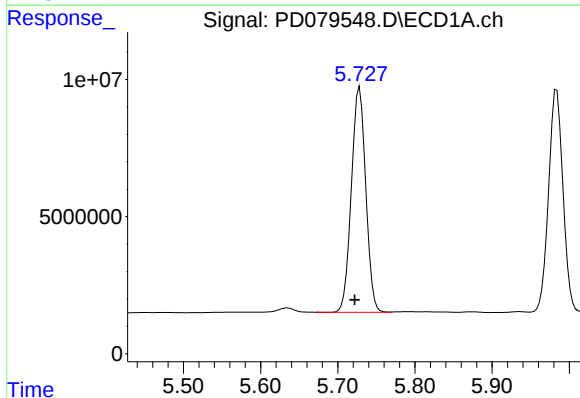
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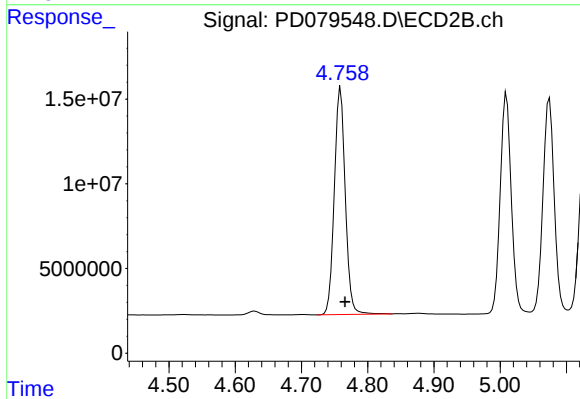
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.005 min
Response: 178206080
Conc: 53.22 ng/ml



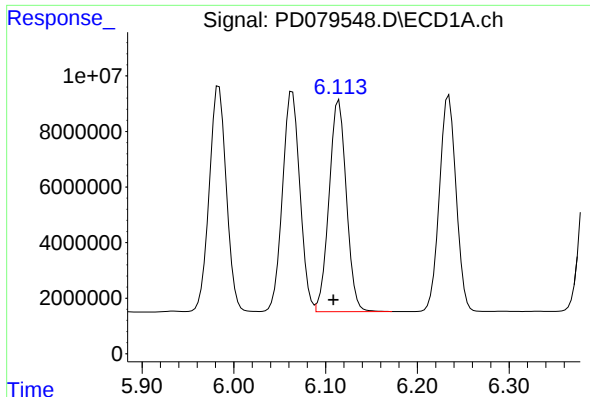
#8 Heptachlor epoxide

R.T.: 5.728 min
Delta R.T.: 0.006 min
Response: 106320743
Conc: 45.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.007 min
Response: 153970106
Conc: 51.93 ng/ml



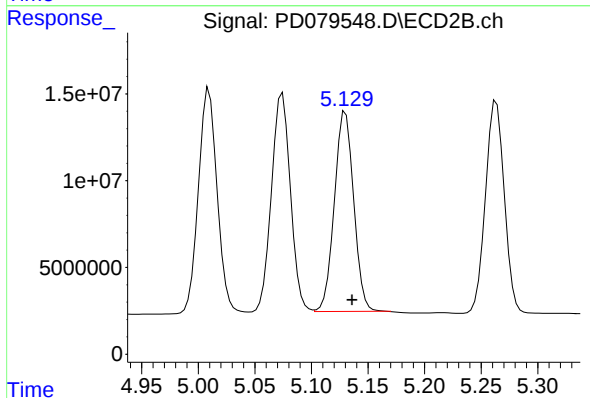
#9 Endosulfan I

R.T.: 6.115 min
Delta R.T.: 0.006 min
Response: 99950997
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

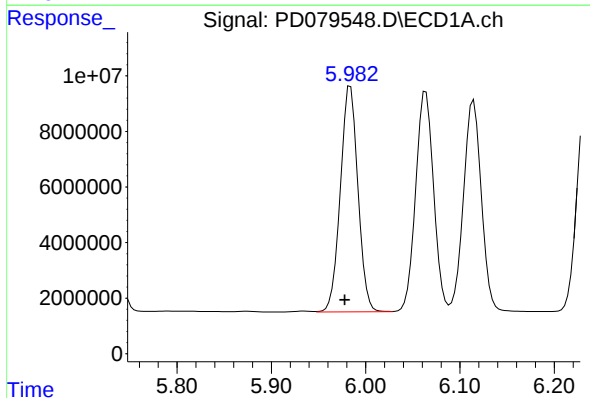
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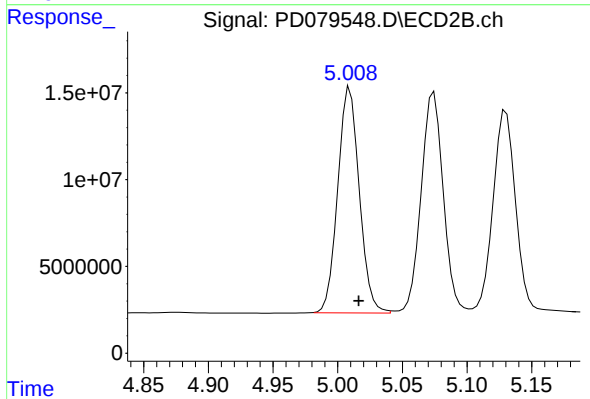
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 136857886
Conc: 51.69 ng/ml m



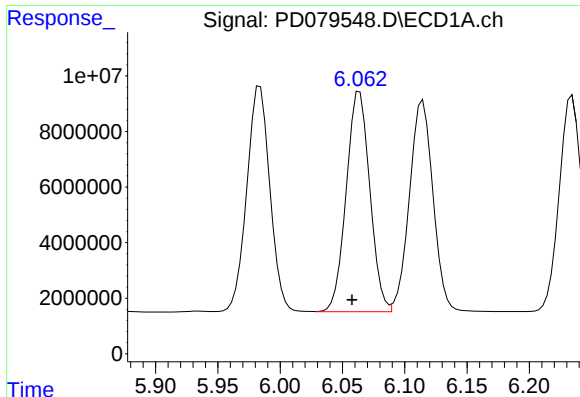
#10 gamma-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.006 min
Response: 105394913
Conc: 45.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.008 min
Delta R.T.: -0.008 min
Response: 150282454
Conc: 52.37 ng/ml m



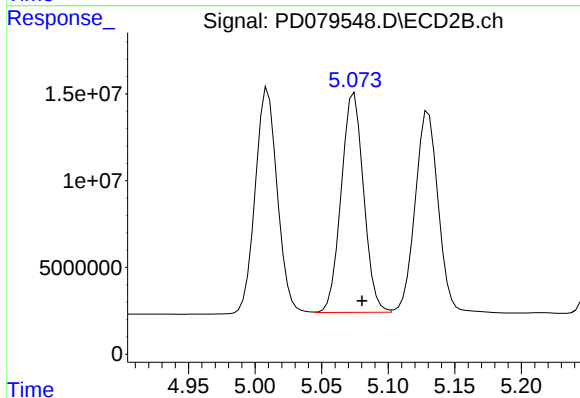
#11 alpha-Chlordane

R.T.: 6.064 min
Delta R.T.: 0.006 min
Response: 104802186
Conc: 45.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

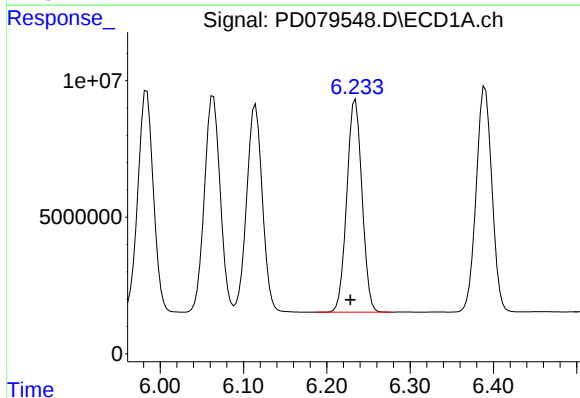
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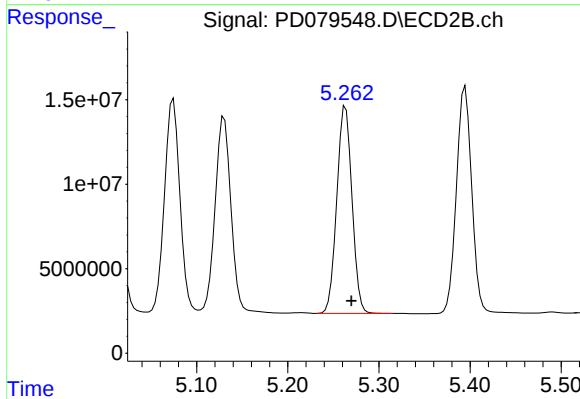
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: -0.007 min
Response: 148259949
Conc: 51.66 ng/ml m



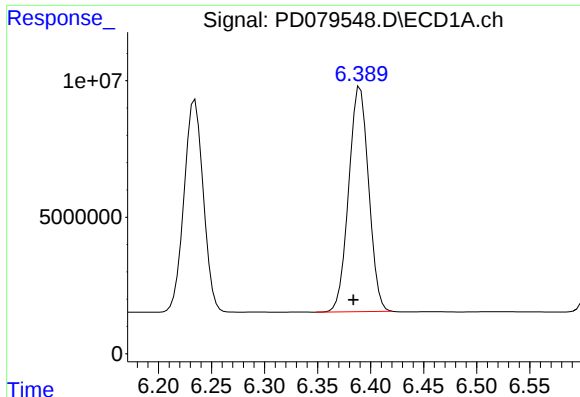
#12 4,4'-DDE

R.T.: 6.234 min
Delta R.T.: 0.006 min
Response: 98594039
Conc: 46.66 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.006 min
Response: 141886017
Conc: 53.29 ng/ml



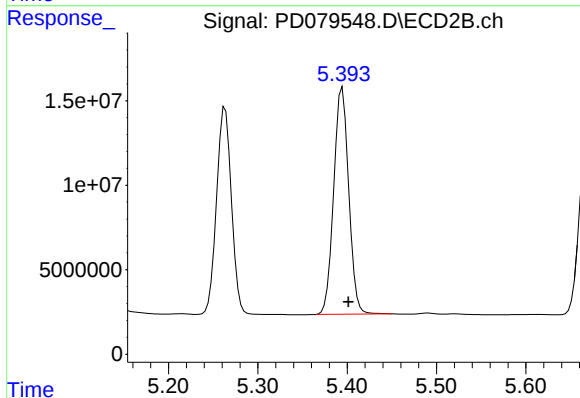
#13 Dieldrin

R.T.: 6.390 min
Delta R.T.: 0.006 min
Response: 107780334
Conc: 46.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

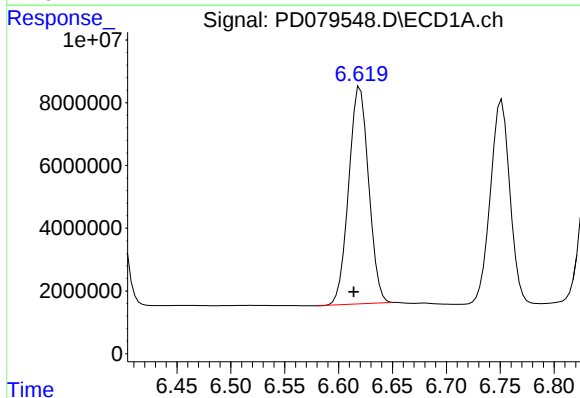
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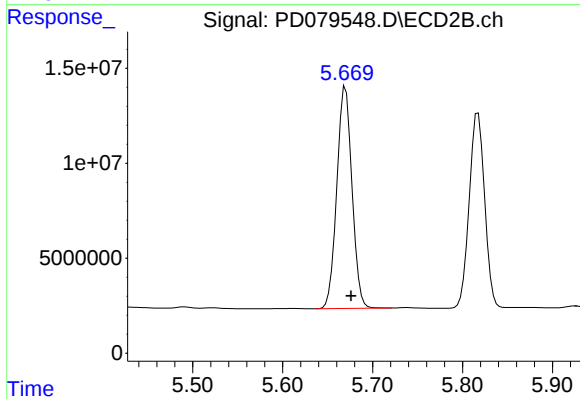
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.007 min
Response: 157035415
Conc: 52.88 ng/ml



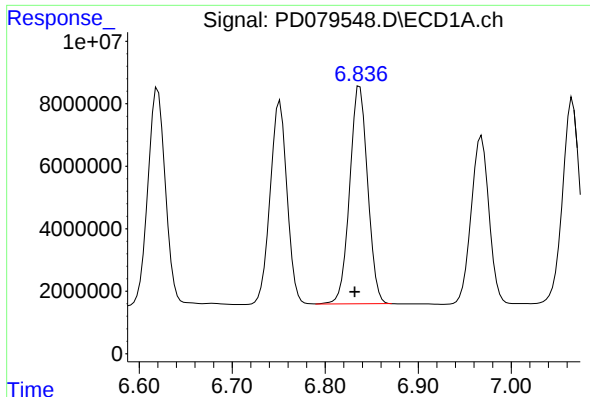
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 89260539
Conc: 45.83 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 137228229
Conc: 53.62 ng/ml



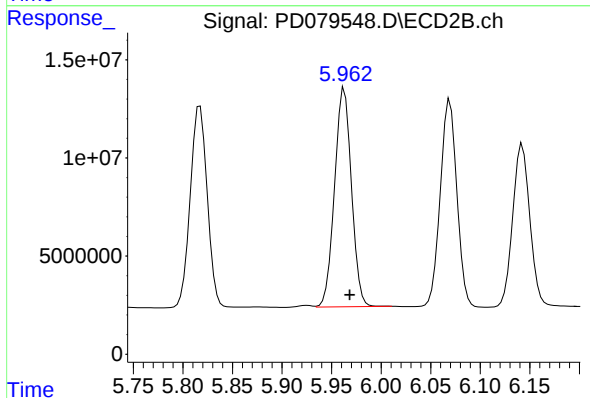
#15 Endosulfan II

R.T.: 6.837 min
Delta R.T.: 0.005 min
Response: 93523185
Conc: 45.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

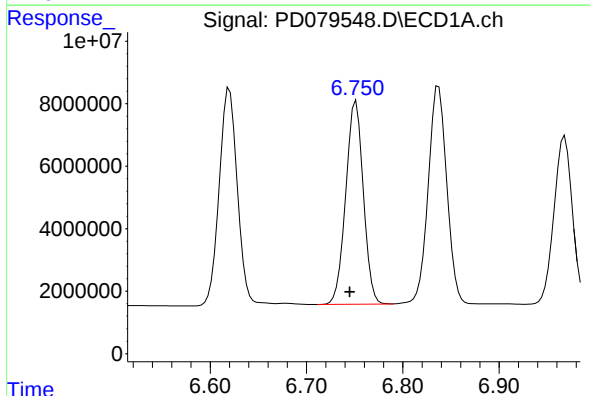
Manual Integrations
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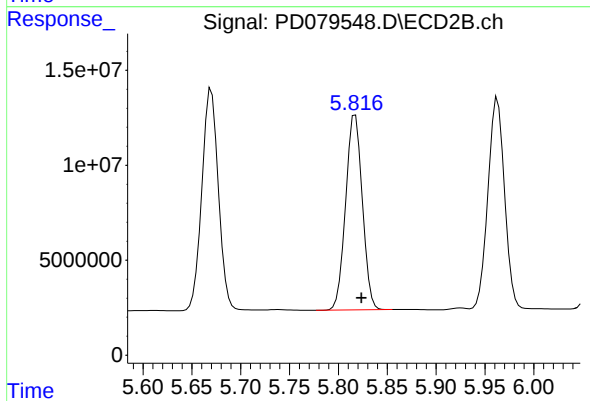
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 131903024
Conc: 52.83 ng/ml



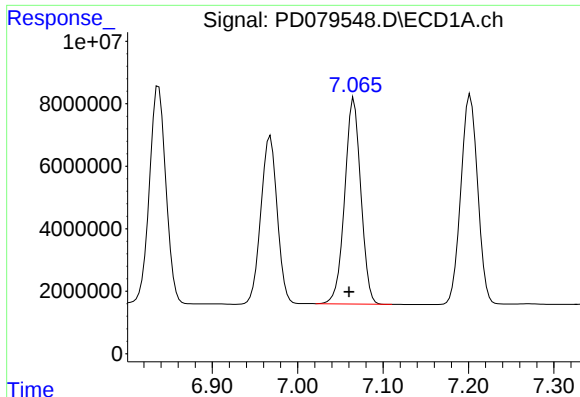
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: 0.007 min
Response: 82165572
Conc: 46.74 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: -0.006 min
Response: 122148290
Conc: 53.47 ng/ml



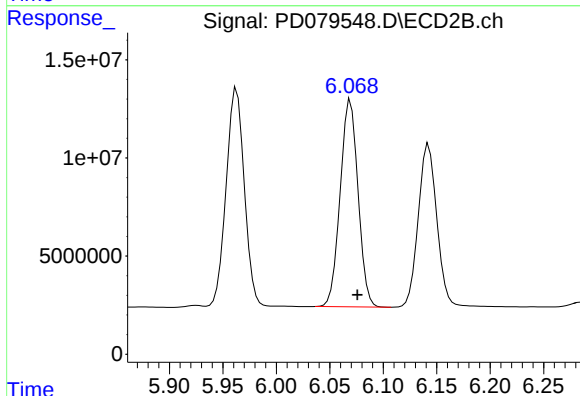
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: 0.006 min
Response: 86300129
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

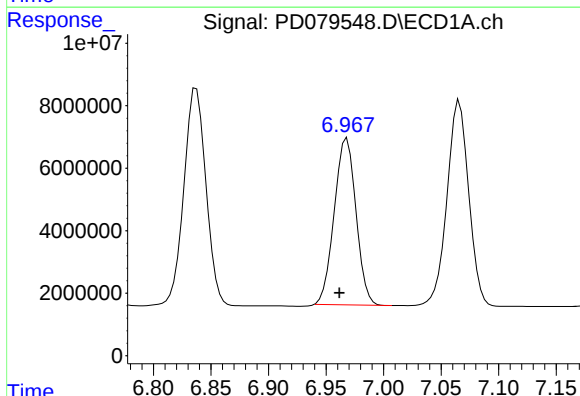
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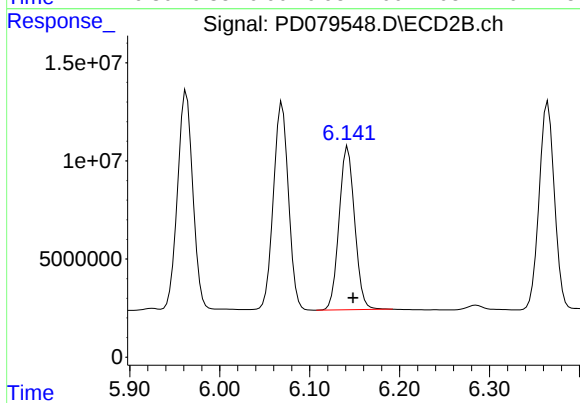
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.006 min
Response: 122906540
Conc: 53.69 ng/ml



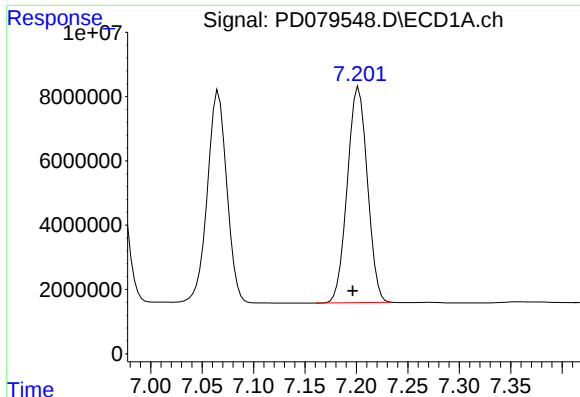
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: 0.006 min
Response: 70245851
Conc: 45.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 99926543
Conc: 53.74 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.006 min
Response: 91358663
Conc: 45.95 ng/ml

Instrument :

ECD_D

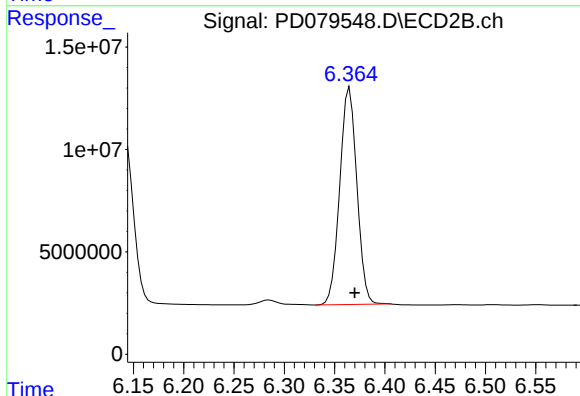
ClientSampleId :

PSTDCCC050

Manual Integrations

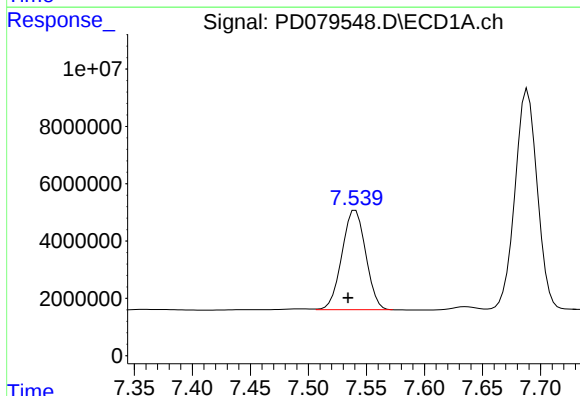
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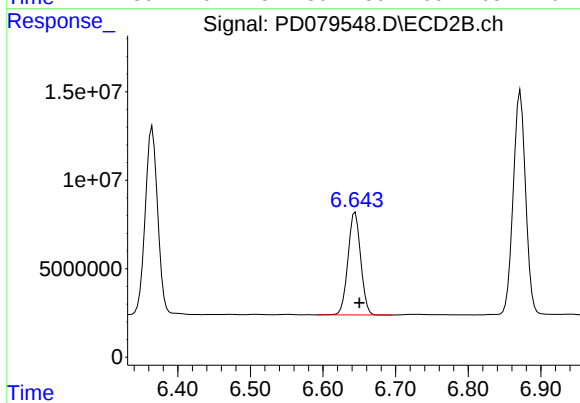
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 125127589
Conc: 53.59 ng/ml



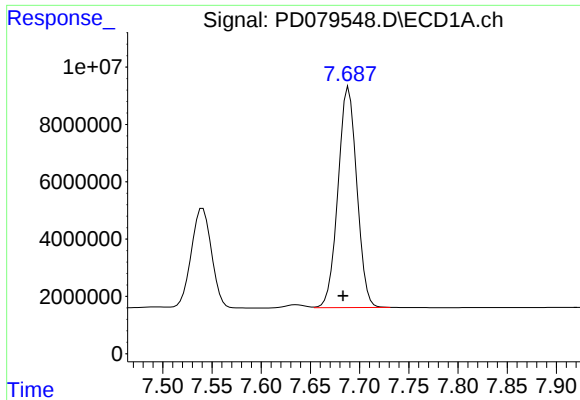
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.006 min
Response: 49454677
Conc: 45.13 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 70726222
Conc: 52.10 ng/ml



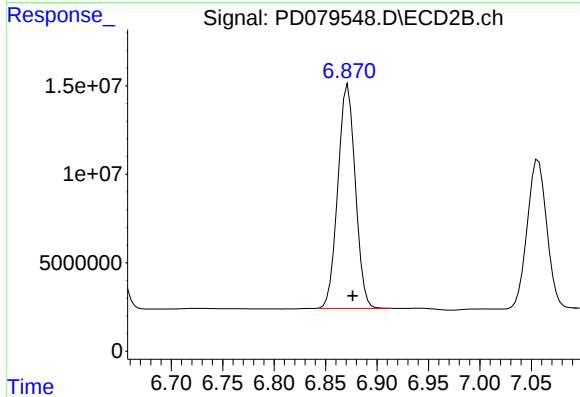
#21 Endrin ketone

R.T.: 7.689 min
Delta R.T.: 0.006 min
Response: 102428392
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

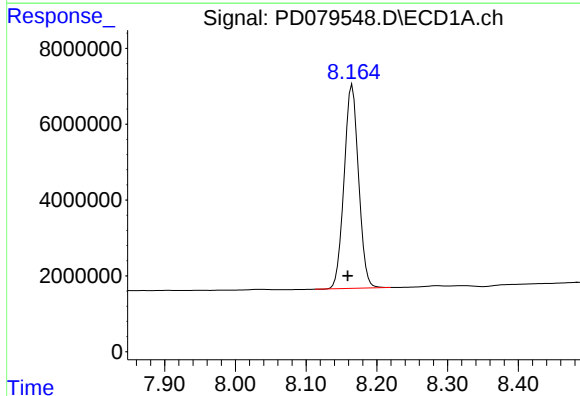
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



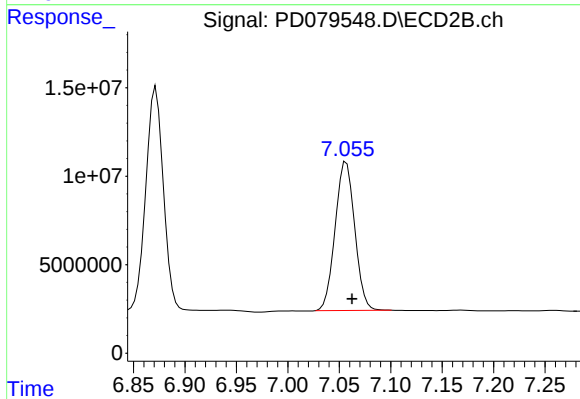
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 149487102
Conc: 53.47 ng/ml



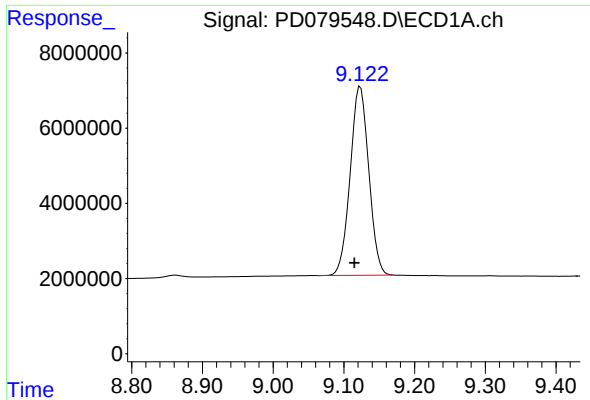
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.006 min
Response: 76446398
Conc: 45.16 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.006 min
Response: 111354681
Conc: 52.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.009 min
Response: 91755175
Conc: 45.74 ng/ml

Instrument :

ECD_D

ClientSampleId :

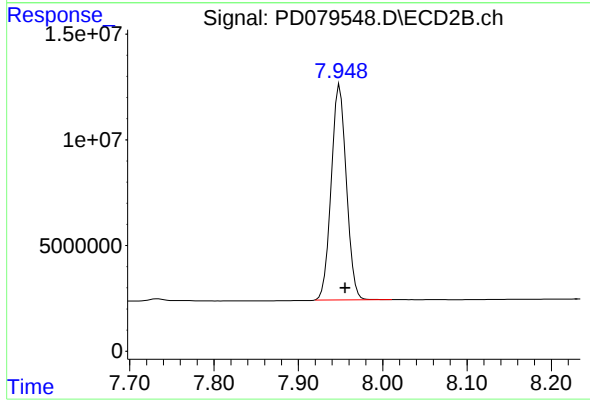
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 126853528
Conc: 52.04 ng/ml