

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079150.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 15:21
 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 01:38:11 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...	3.570	2.806	76610063	116.2E6	47.449	50.168
28)	SA Decachlor...	9.115	7.955	93898930	120.5E6	46.808	49.439
Target Compounds							
2)	A alpha-BHC	4.027	3.309	129.7E6	180.1E6	48.719	51.929
3)	MA gamma-BHC...	4.361	3.639	126.1E6	176.4E6	48.526	51.956
4)	MA Heptachlor	4.953	3.982	128.6E6	163.3E6	48.077	53.484
5)	MB Aldrin	5.297	4.264	126.3E6	169.5E6	49.007	51.800
6)	B beta-BHC	4.553	3.934	51003716	71825960	47.596	50.973
7)	B delta-BHC	4.801	4.165	130.9E6	178.8E6	48.906m	53.403
8)	B Heptachlo...	5.723	4.766	112.2E6	154.2E6	47.887	52.010
9)	A Endosulfan I	6.110	5.136	104.2E6	134.4E6	48.081	50.775
10)	B gamma-Chl...	5.979	5.016	110.6E6	147.0E6	48.232	51.228
11)	B alpha-Chl...	6.059	5.081	110.0E6	145.4E6	48.225	50.675
12)	B 4,4'-DDE	6.229	5.270	103.0E6	141.0E6	48.726	52.942
13)	MA Dieldrin	6.385	5.401	112.5E6	156.7E6	48.318	52.770
14)	MA Endrin	6.616	5.676	95155436	136.6E6	48.858	53.389
15)	B Endosulfa...	6.833	5.969	96669486	130.5E6	47.396	52.279
16)	A 4,4'-DDD	6.746	5.823	84292049	118.9E6	47.949	52.056
17)	MA 4,4'-DDT	7.061	6.075	89350328	121.9E6	47.184	53.229
18)	B Endrin al...	6.961	6.148	69684749	93939627	45.124m	50.524
19)	B Endosulfa...	7.197	6.371	92680461	122.2E6	46.617	52.354
20)	A Methoxychlor	7.535	6.650	49027266	69719824	44.742	51.354
21)	B Endrin ke...	7.684	6.877	99792822	144.4E6	45.773	51.651
22)	Mirex	8.159	7.063	76628619	108.7E6	45.271	50.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
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 Acq On : 25 Oct 2023 15:21
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Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

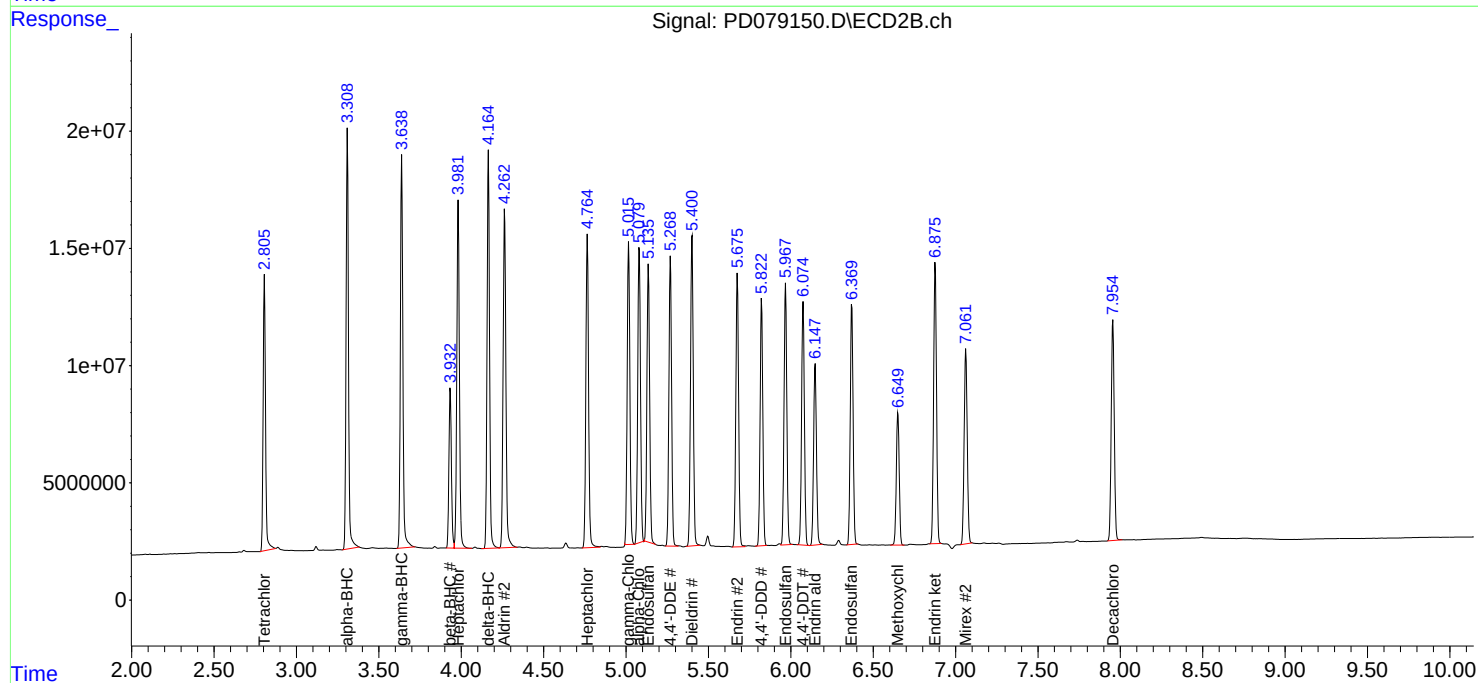
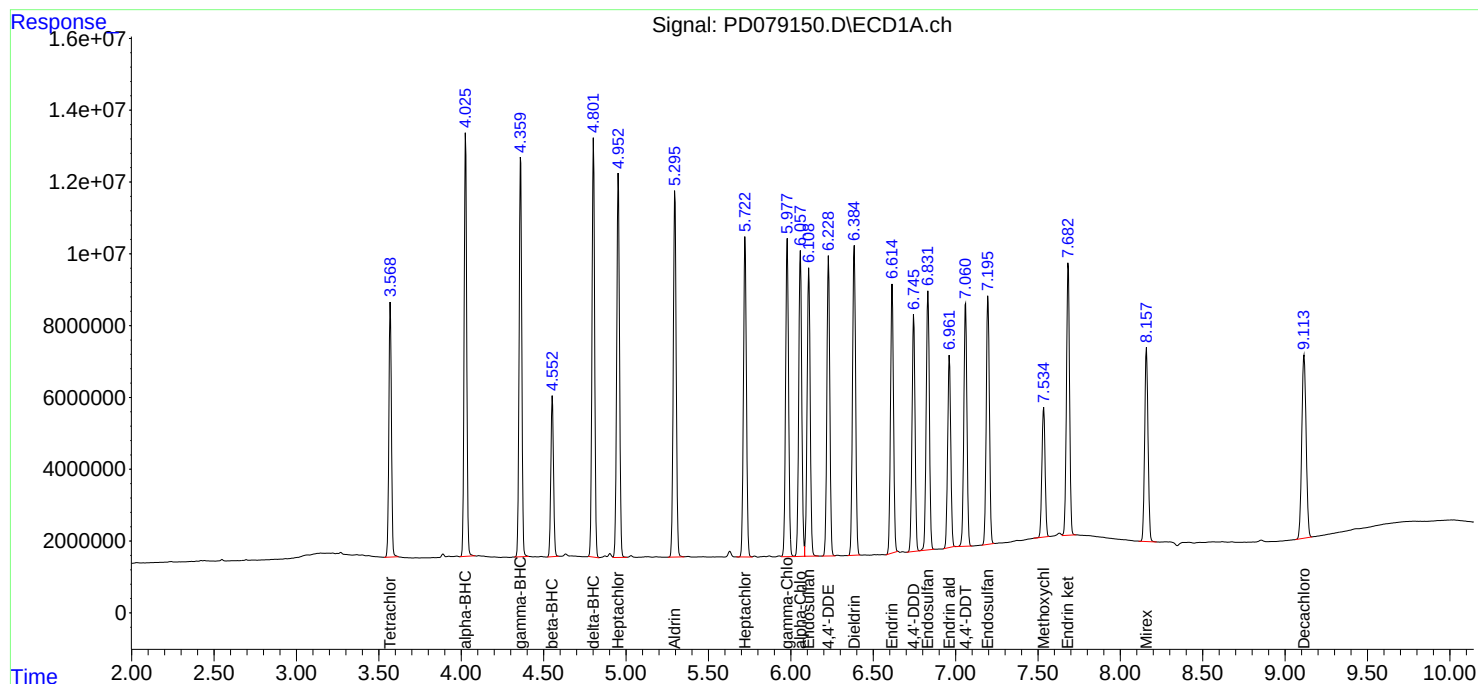
APPROVED

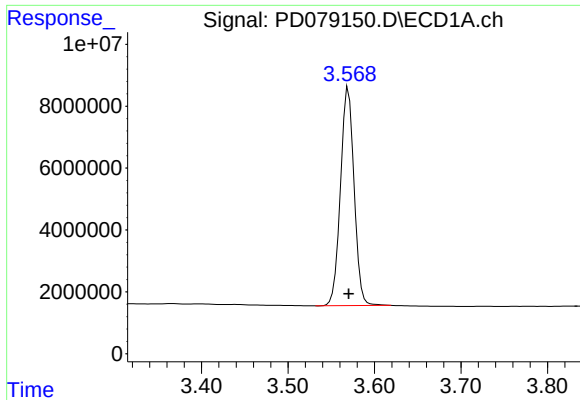
Reviewed By :Abdul Mirza 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:38:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
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 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





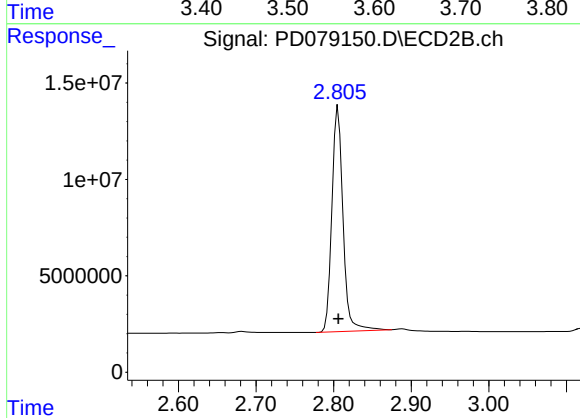
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 76610063
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

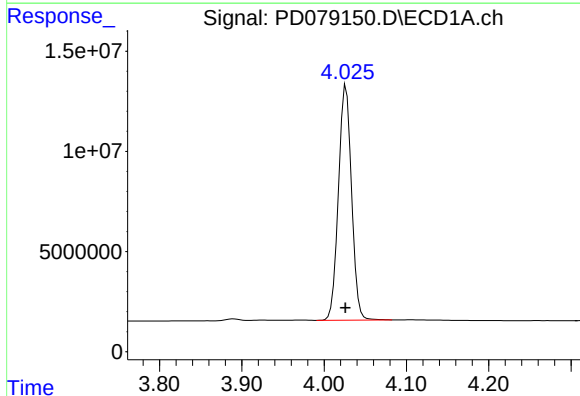
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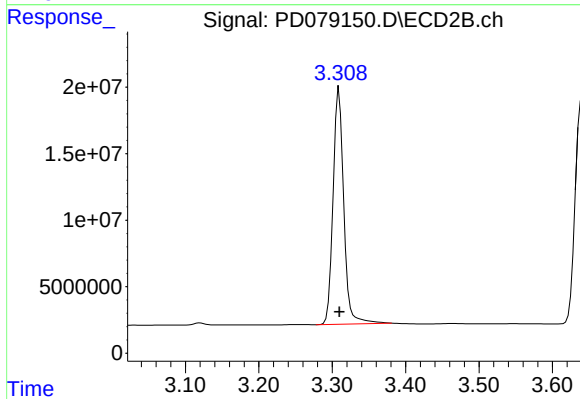
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 116151918
Conc: 50.17 ng/ml



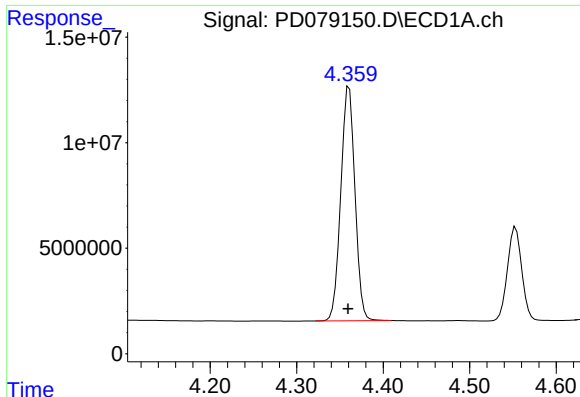
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 129694027
Conc: 48.72 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 180061493
Conc: 51.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 126110644
Conc: 48.53 ng/ml

Instrument :

ECD_D

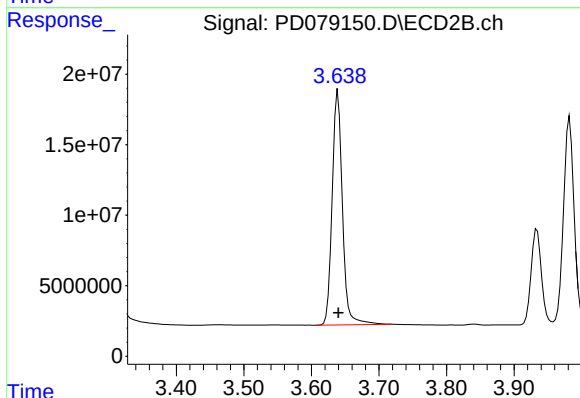
ClientSampleId :

PSTDCCC050

Manual Integrations

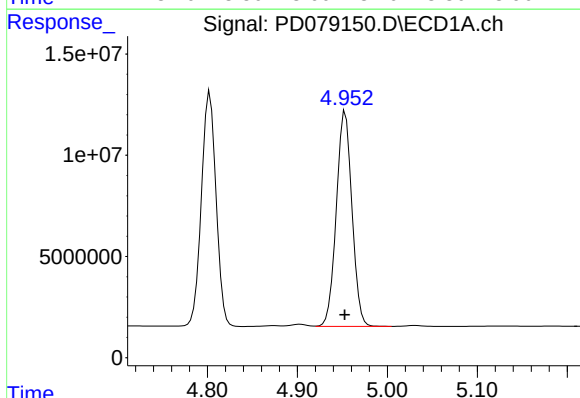
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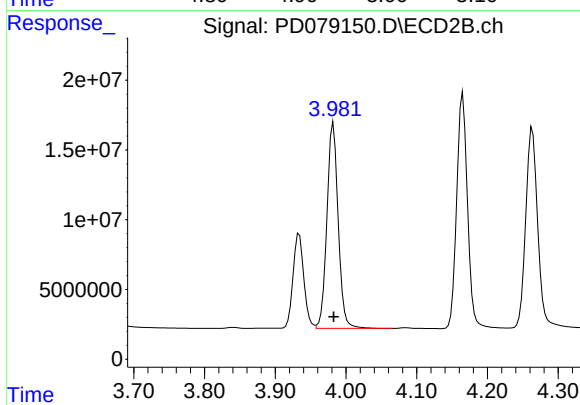
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 176432164
Conc: 51.96 ng/ml



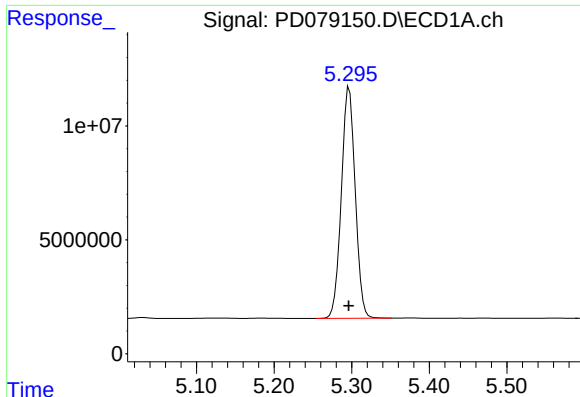
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 128602931
Conc: 48.08 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 163347315
Conc: 53.48 ng/ml



#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 126280974
Conc: 49.01 ng/ml

Instrument :

ECD_D

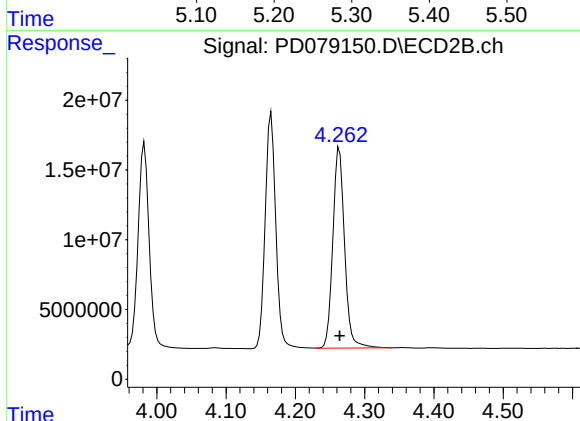
ClientSampleId :

PSTDCCC050

Manual Integrations

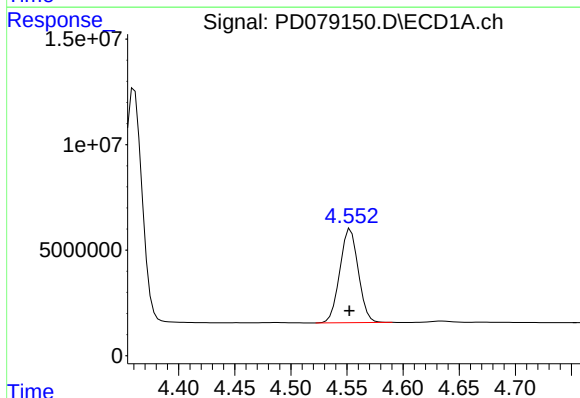
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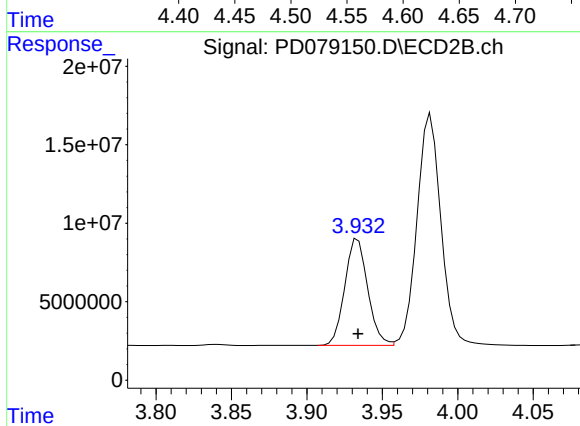
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 169453504
Conc: 51.80 ng/ml



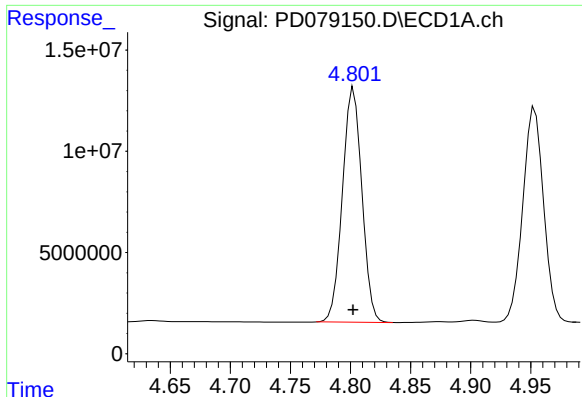
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 51003716
Conc: 47.60 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 71825960
Conc: 50.97 ng/ml



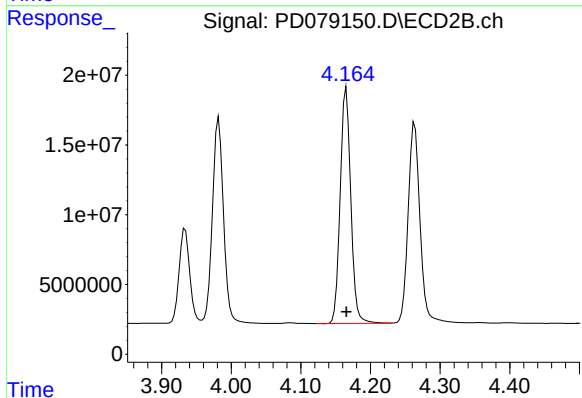
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 130925220
Conc: 48.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

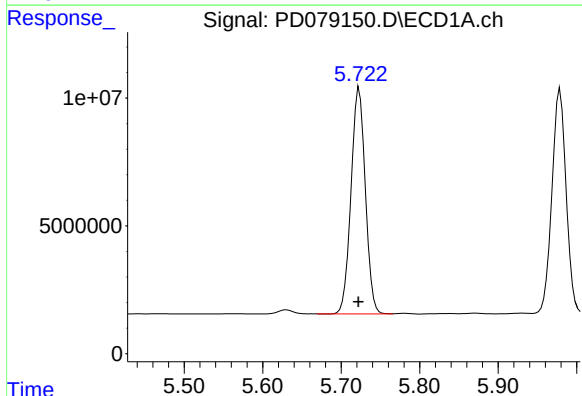
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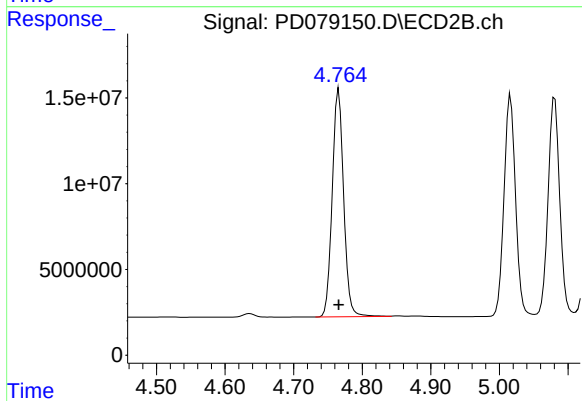
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 178806481
Conc: 53.40 ng/ml



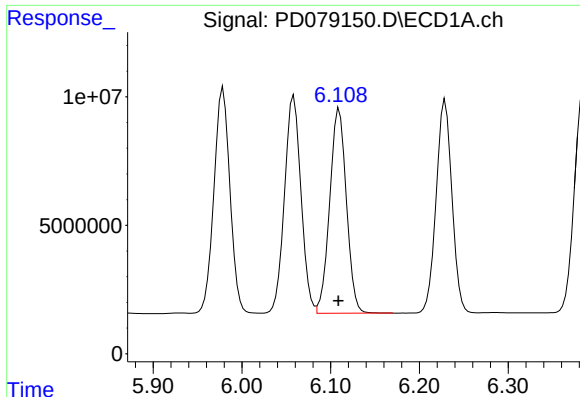
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 112232375
Conc: 47.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 154192981
Conc: 52.01 ng/ml



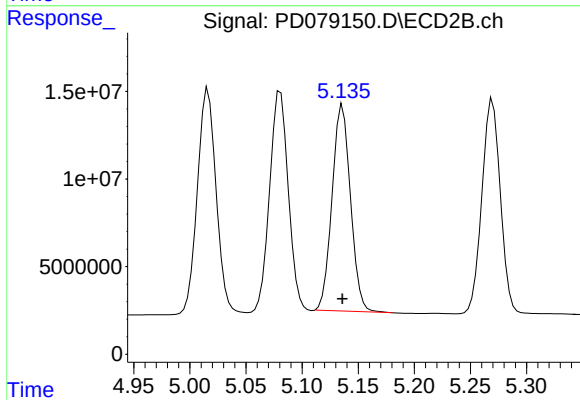
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 104237570
Conc: 48.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

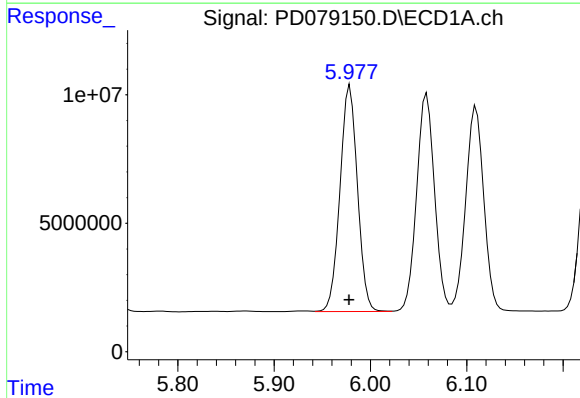
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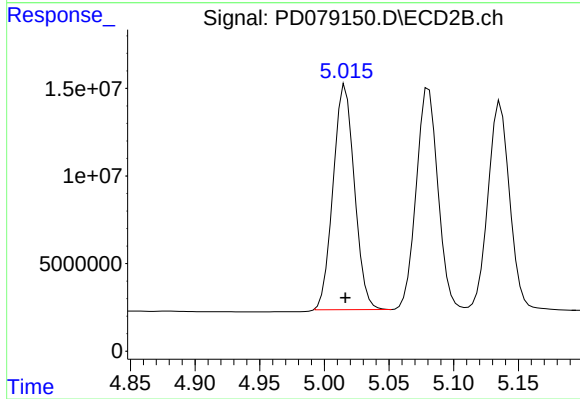
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 134436939
Conc: 50.77 ng/ml



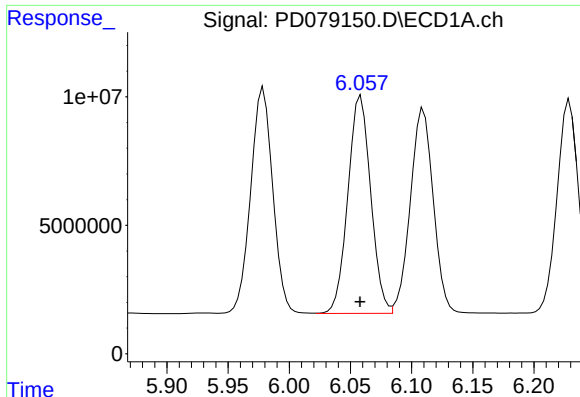
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 110582335
Conc: 48.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 146995995
Conc: 51.23 ng/ml



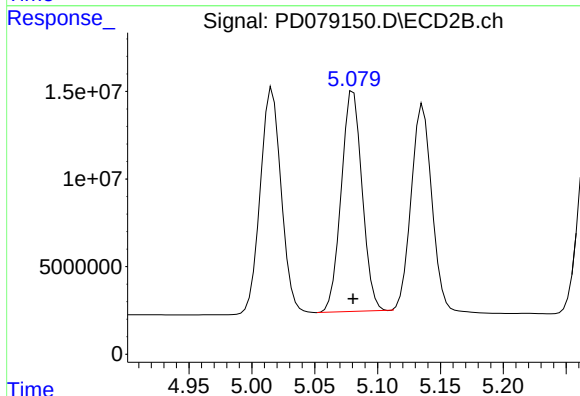
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 109963491
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

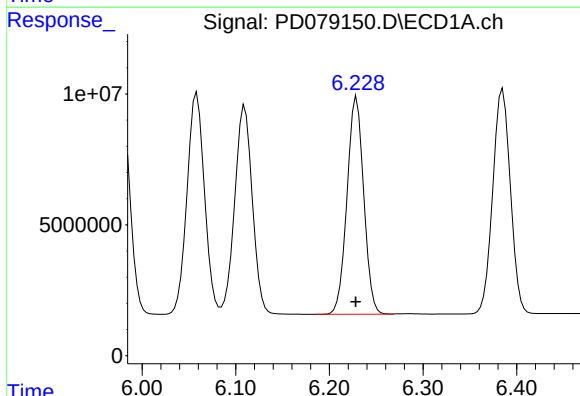
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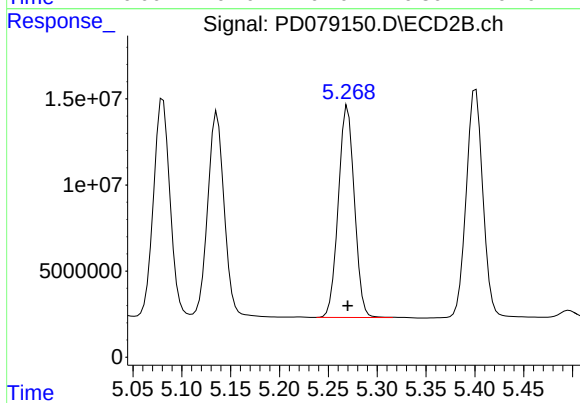
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 145430763
Conc: 50.68 ng/ml



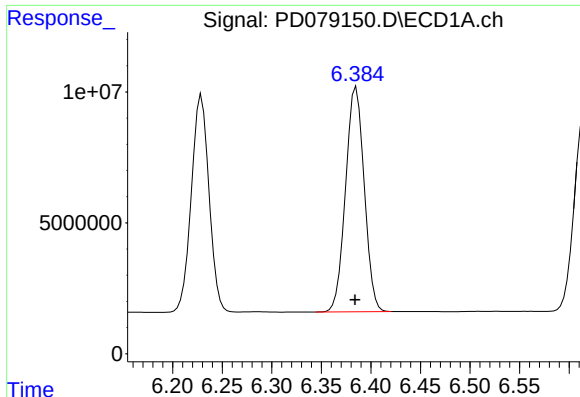
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 102960960
Conc: 48.73 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 140951136
Conc: 52.94 ng/ml



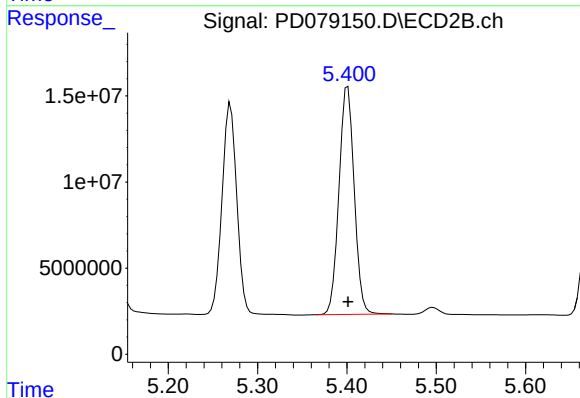
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 112525646
Conc: 48.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

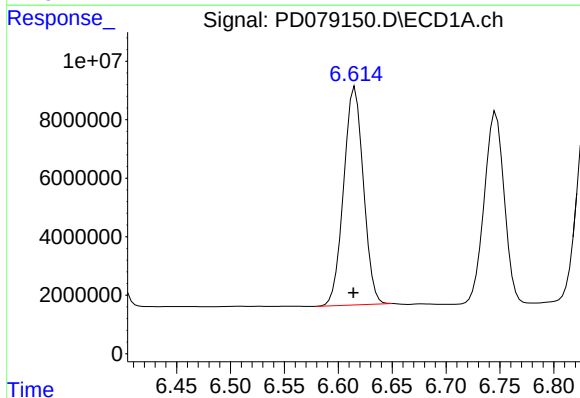
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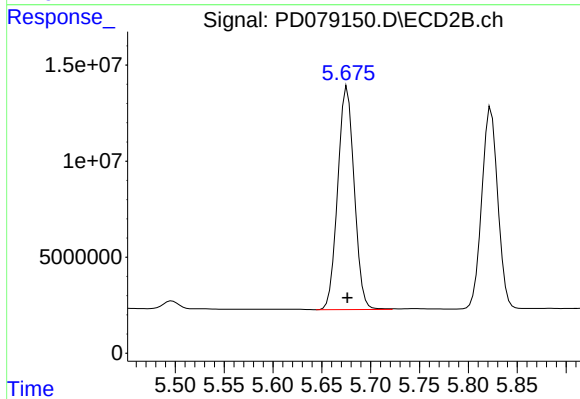
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 156720232
Conc: 52.77 ng/ml



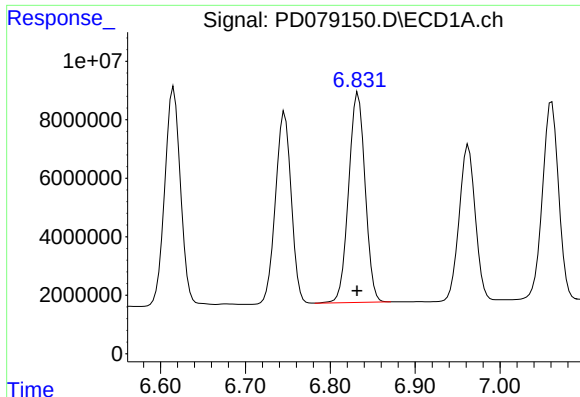
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 95155436
Conc: 48.86 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 136628712
Conc: 53.39 ng/ml



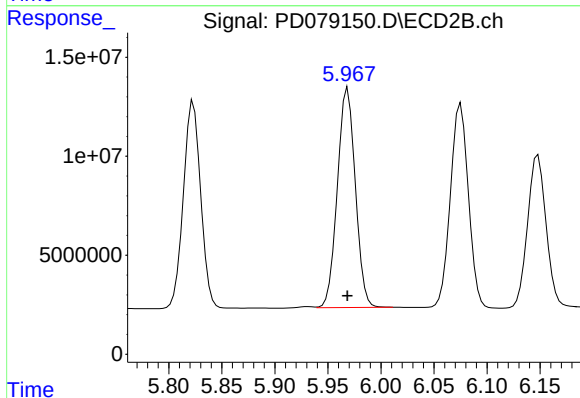
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 96669486
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

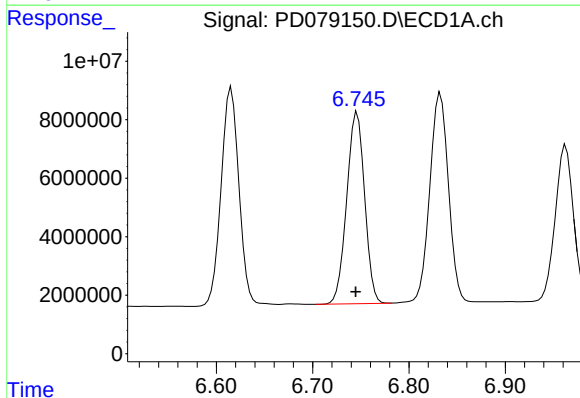
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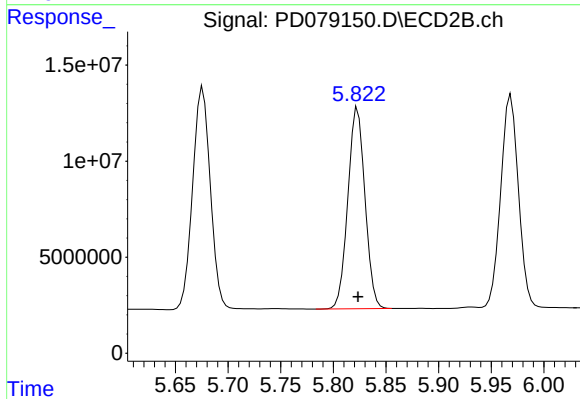
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 130515871
Conc: 52.28 ng/ml



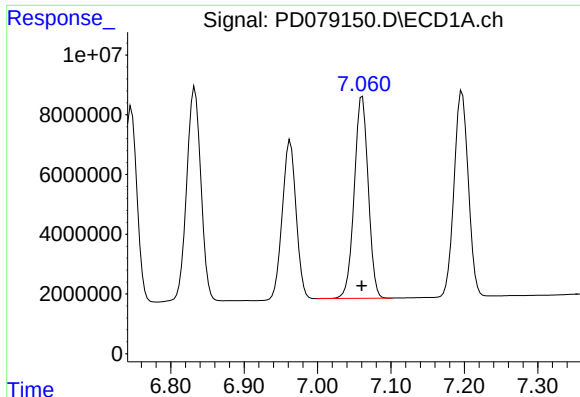
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 84292049
Conc: 47.95 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 118910370
Conc: 52.06 ng/ml



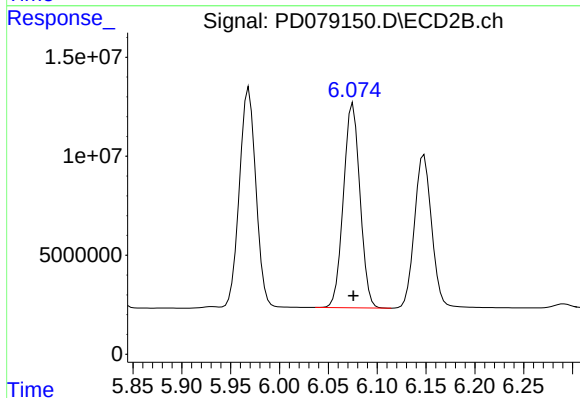
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 89350328
Conc: 47.18 ng/ml

Instrument :
ECD_D
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PSTDCCC050

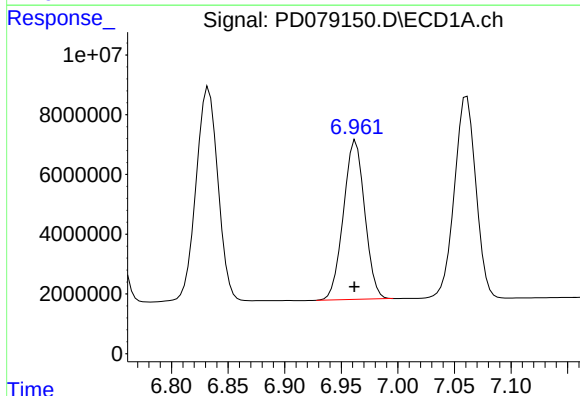
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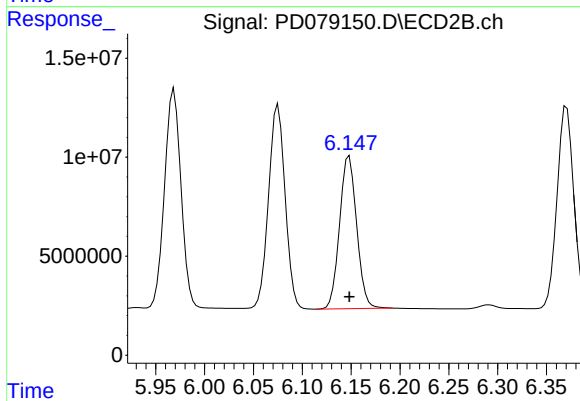
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 121860647
Conc: 53.23 ng/ml



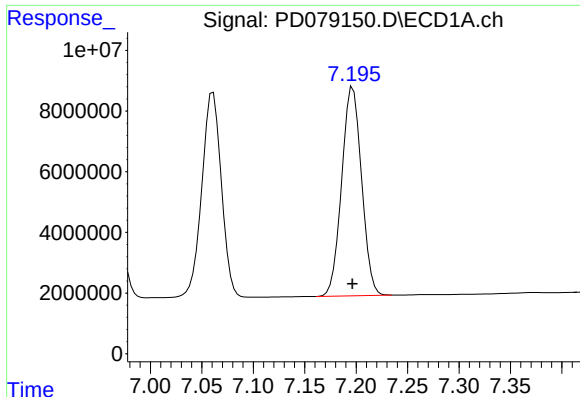
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 69684749
Conc: 45.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 93939627
Conc: 50.52 ng/ml



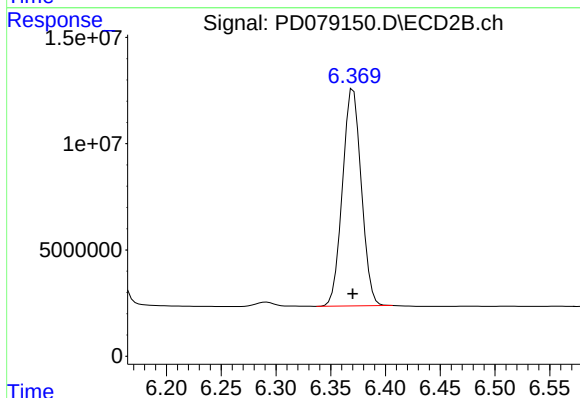
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 92680461
Conc: 46.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

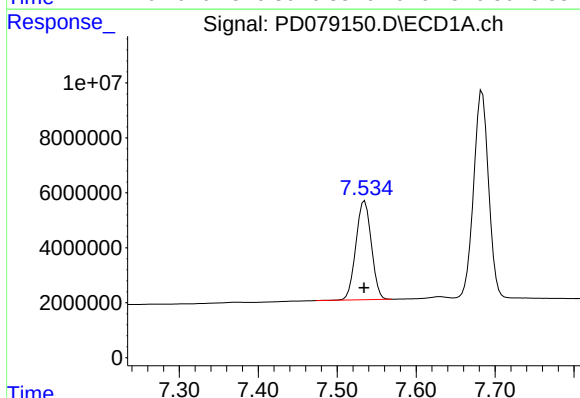
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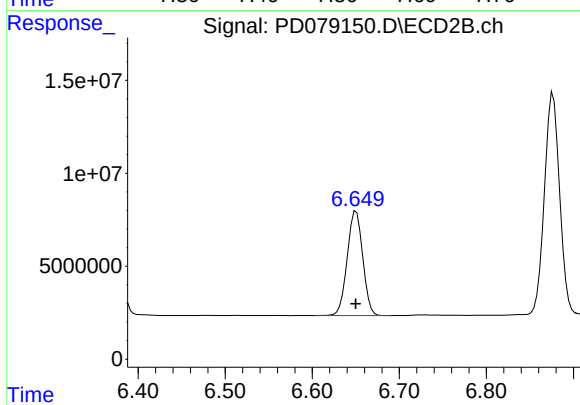
#19 Endosulfan Sulfate

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 122237791
Conc: 52.35 ng/ml



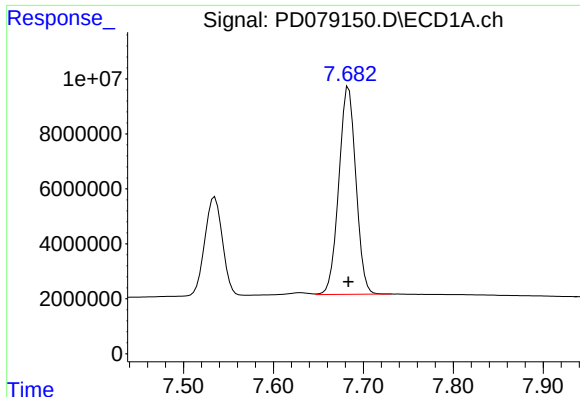
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 49027266
Conc: 44.74 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 69719824
Conc: 51.35 ng/ml



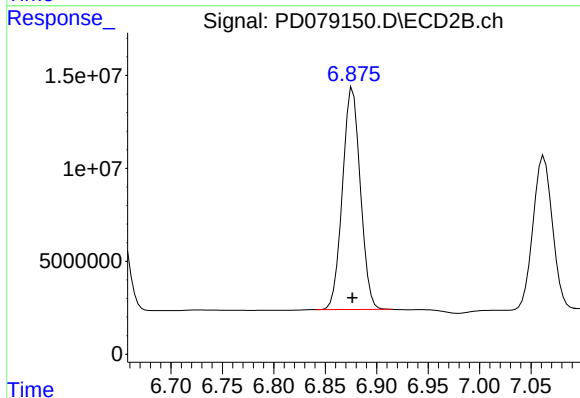
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 99792822
Conc: 45.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

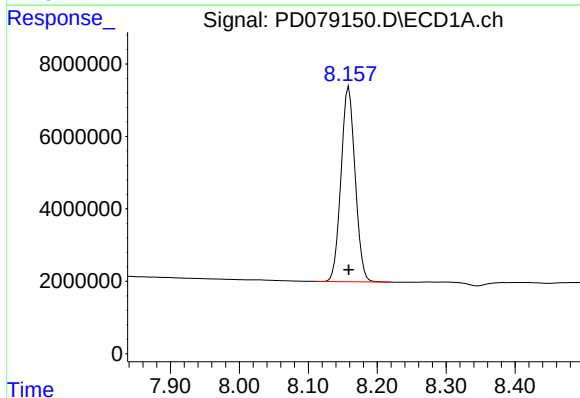
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Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



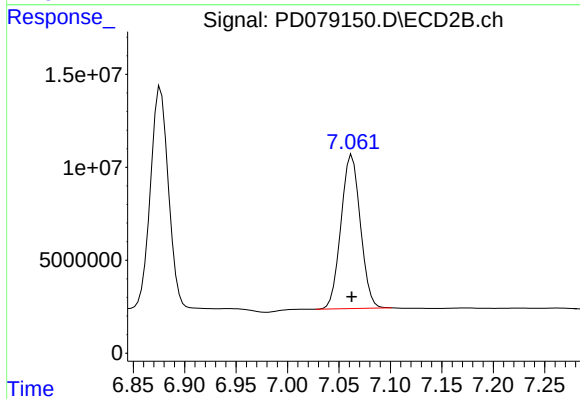
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 144401372
Conc: 51.65 ng/ml



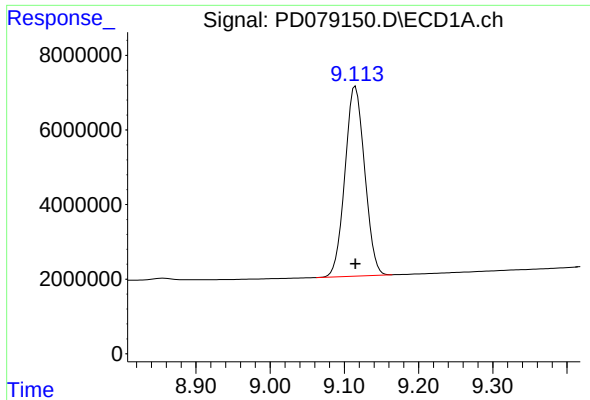
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 76628619
Conc: 45.27 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 108695452
Conc: 50.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 93898930
Conc: 46.81 ng/ml

Instrument :

ECD_D

ClientSampleId :

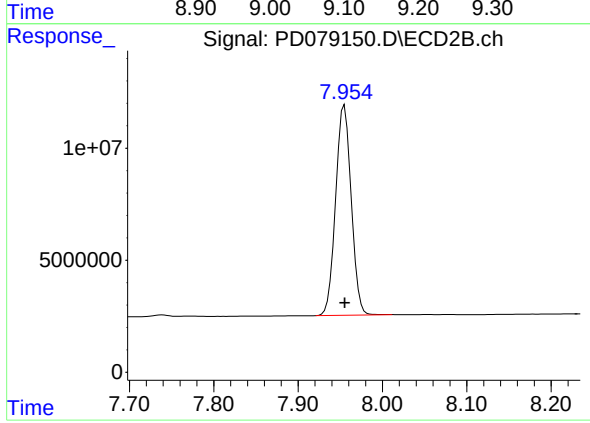
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 120507033
Conc: 49.44 ng/ml