

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 19:19
 Operator : AR\AJ
 Sample : PB153985BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB153985BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/06/2023
 Supervised By : Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:26:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.551	2.764	42590002	20189873	12.999	12.710
28)	SA Decachlor...	9.094	7.910	55250046	20095797	15.539	15.968
Target Compounds							
2)	A alpha-BHC	4.008	3.267	235.1E6	96030445	40.590	39.856
3)	MA gamma-BHC...	4.341	3.596	217.3E6	90813118	41.506	40.791
4)	MA Heptachlor	4.933	3.936	221.7E6	91030729	40.305	40.076
5)	MB Aldrin	5.276	4.217	219.7E6	89074459	41.095	40.190
6)	B beta-BHC	4.538	3.893	84320214	35426045	40.228	39.836
7)	B delta-BHC	4.786	4.123	211.0E6	85637648	41.060	40.729
8)	B Heptachlo...	5.703	4.719	195.9E6	80049843	40.662	40.040
9)	A Endosulfan I	6.090	5.090	182.9E6	75126648	41.011	40.117
10)	B gamma-Chl...	5.960	4.970	199.7E6	79659468	41.067	40.006
11)	B alpha-Chl...	6.039	5.034	197.5E6	79633032	41.102	40.073
12)	B 4,4'-DDE	6.212	5.223	176.6E6	63949068	41.615	41.605
13)	MA Dieldrin	6.365	5.355	196.2E6	80591216	41.935	40.916
14)	MA Endrin	6.596	5.631	163.9E6	71368874	41.160	40.434
15)	B Endosulfa...	6.815	5.925	158.7E6	65264409	42.738	42.060
16)	A 4,4'-DDD	6.729	5.777	143.7E6	51695118	42.758	42.773
17)	MA 4,4'-DDT	7.044	6.030	150.7E6	53953820	42.856	44.579
18)	B Endrin al...	6.944	6.104	125.6E6	53018836	45.813m	46.393
19)	B Endosulfa...	7.181	6.328	153.6E6	63731752	41.582	41.945
20)	A Methoxychlor	7.520	6.606	81294605	28489982	42.534	44.613
21)	B Endrin ke...	7.667	6.835	179.7E6	75563607	43.054	43.232
22)	Mirex	8.142	7.016	128.4E6	59168642	40.625	39.918

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076350.D
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 Acq On : 05 Jul 2023 19:19
 Operator : AR\AJ
 Sample : PB153985BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

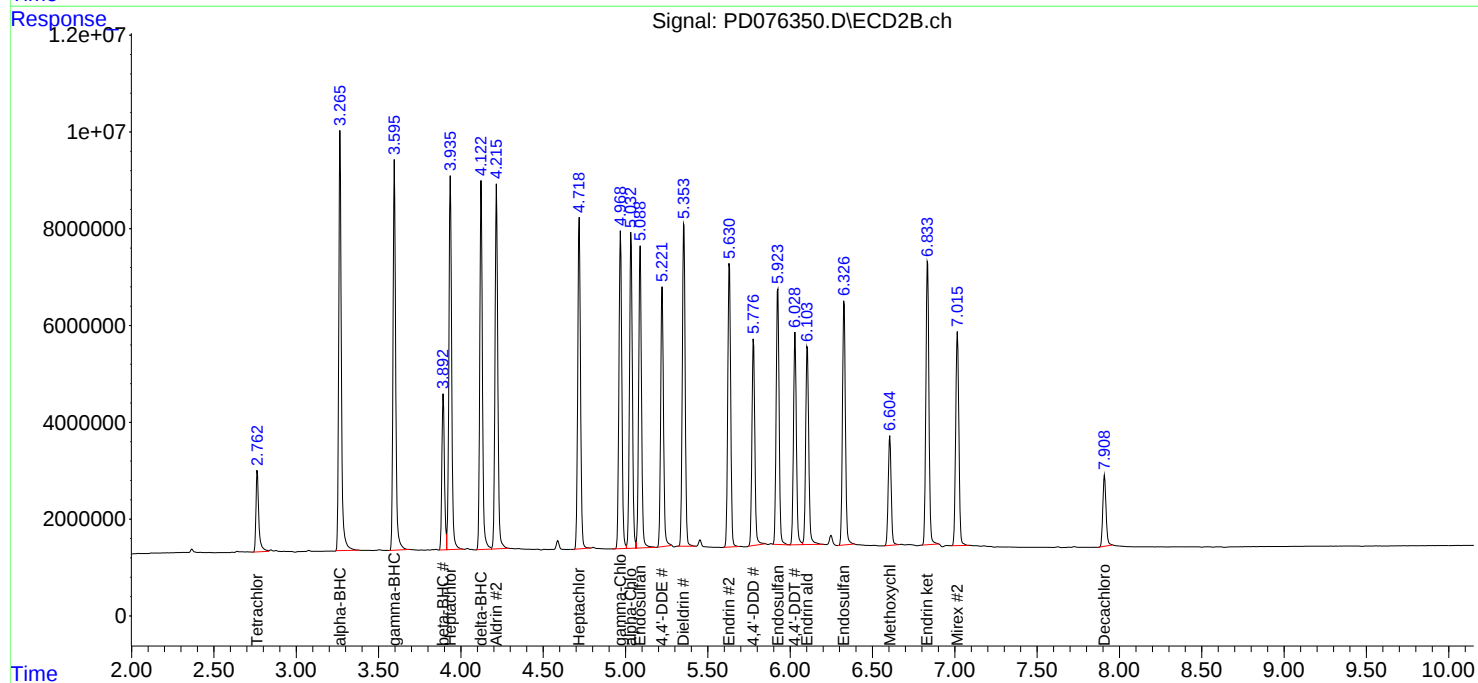
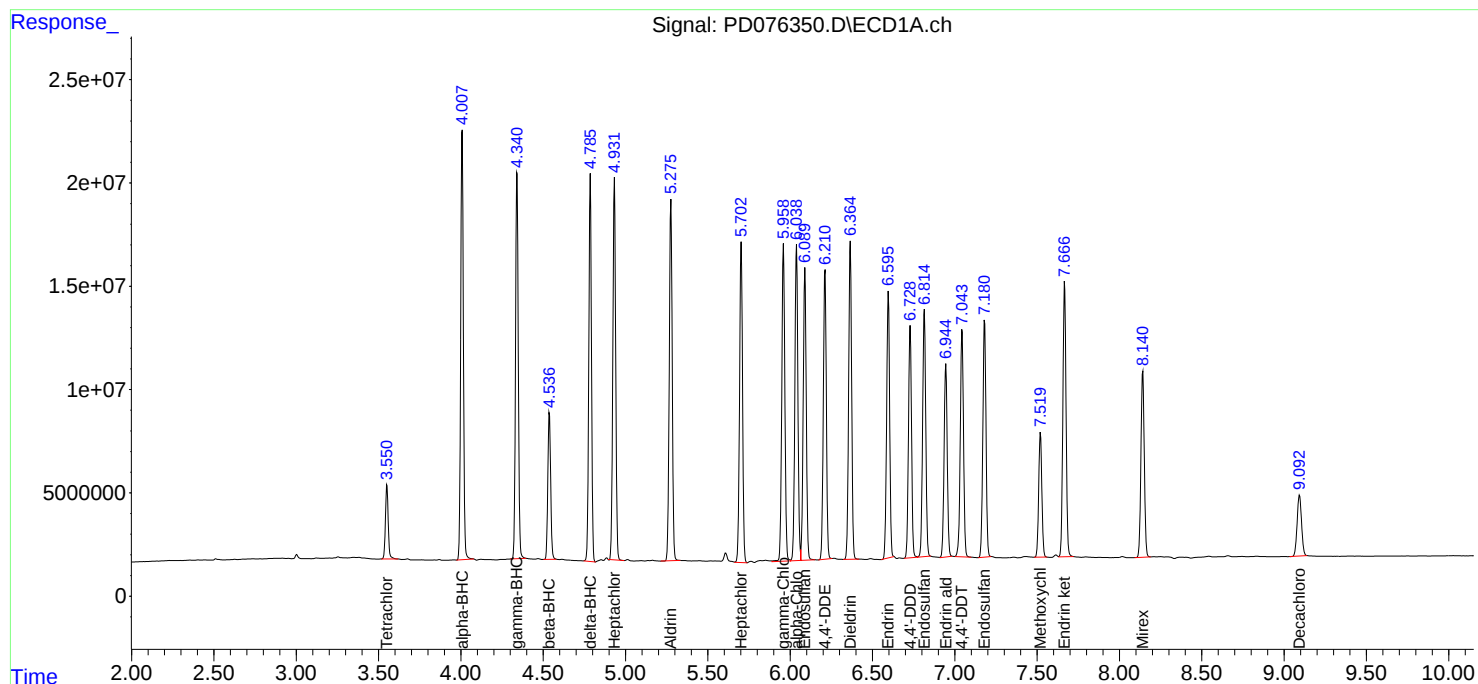
Instrument :
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 ClientSampleId :
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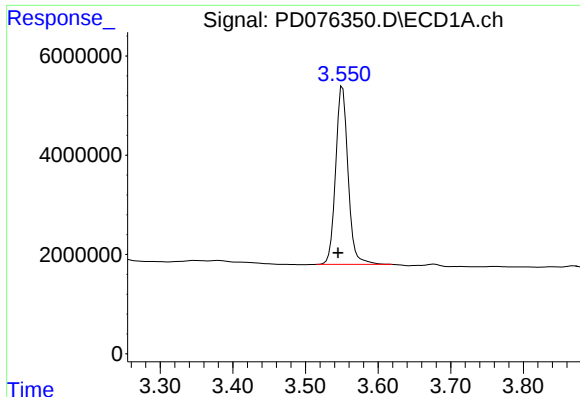
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/06/2023
 Supervised By :Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:26:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
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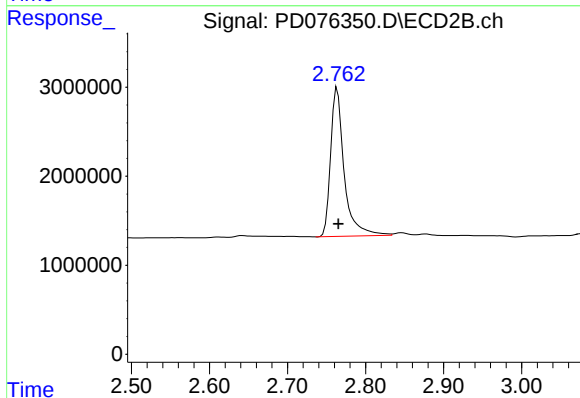
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 42590002
Conc: 13.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

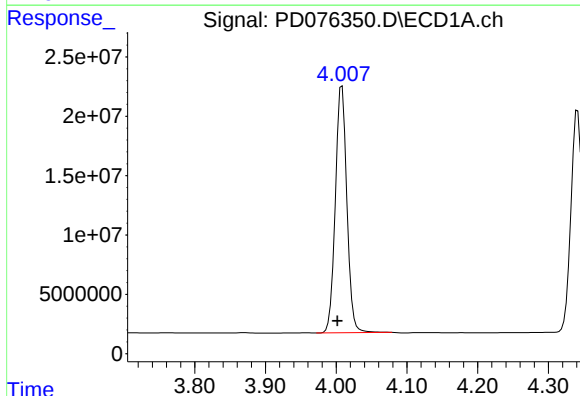
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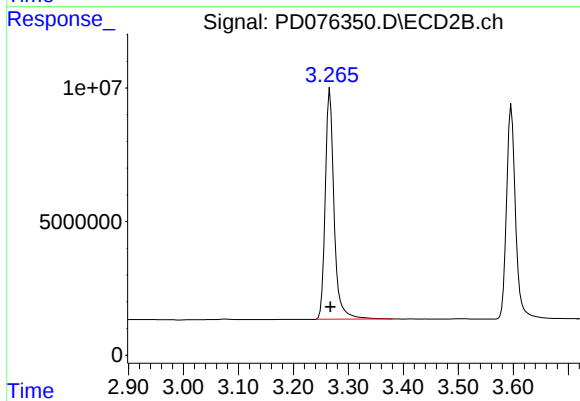
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.002 min
Response: 20189873
Conc: 12.71 ng/ml



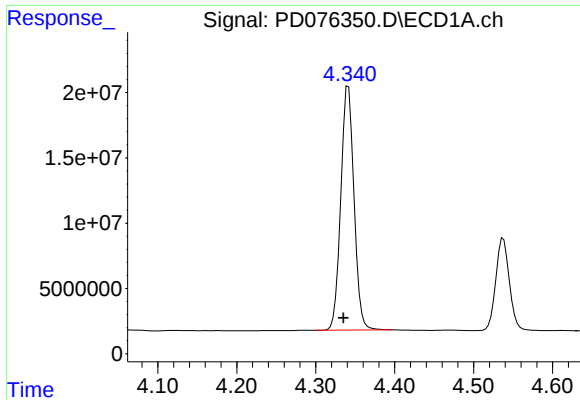
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.007 min
Response: 235096646
Conc: 40.59 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 96030445
Conc: 39.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 217307456
Conc: 41.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

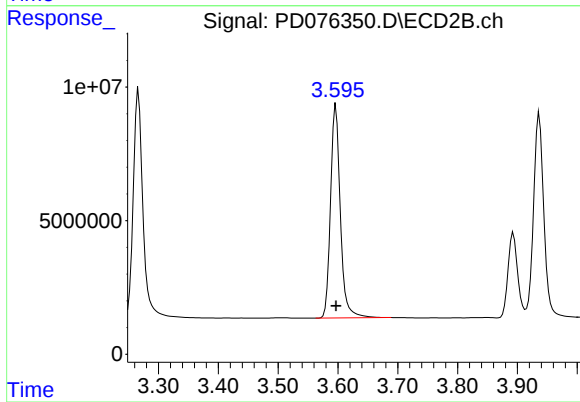
PB153985BS

Manual Integrations

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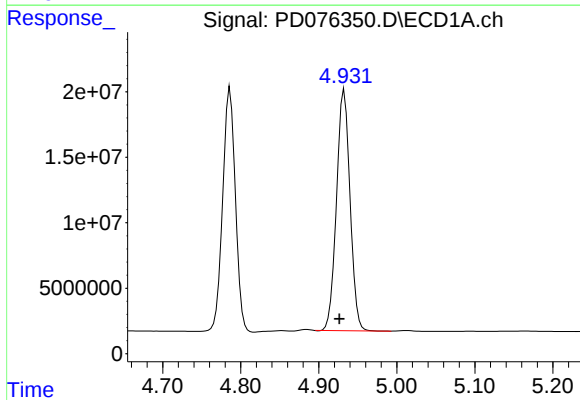
Reviewed By :Abdul Mirza 07/06/2023

Supervised By :Ankita Jodhani 07/06/2023



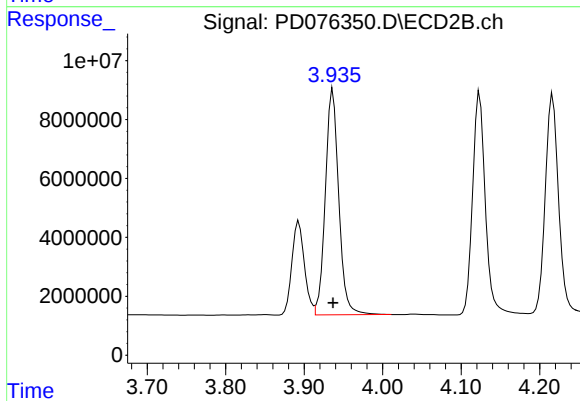
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 90813118
Conc: 40.79 ng/ml



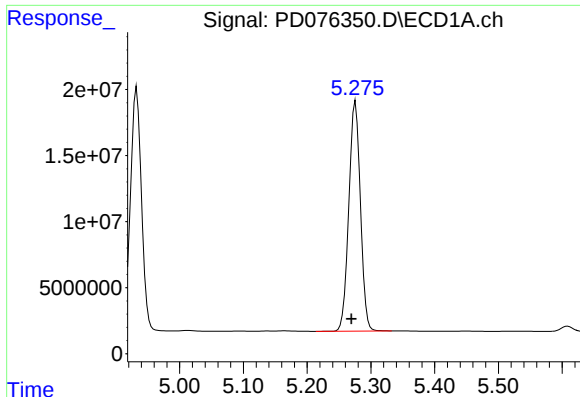
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.006 min
Response: 221679470
Conc: 40.30 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 91030729
Conc: 40.08 ng/ml



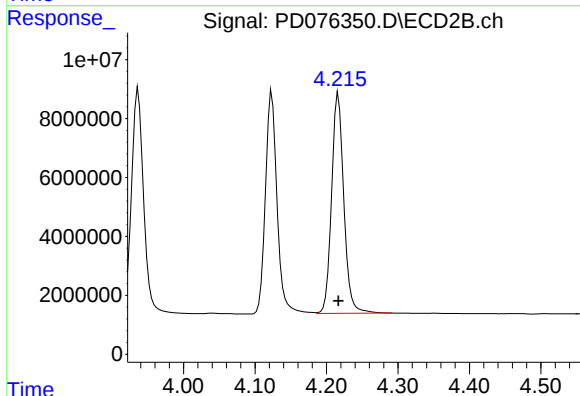
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.007 min
Response: 219706722
Conc: 41.09 ng/ml

Instrument :
ECD_D
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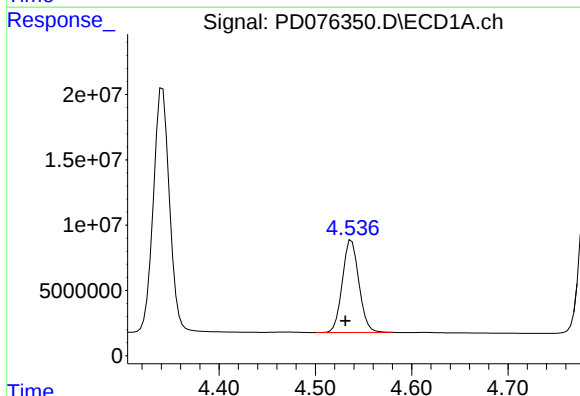
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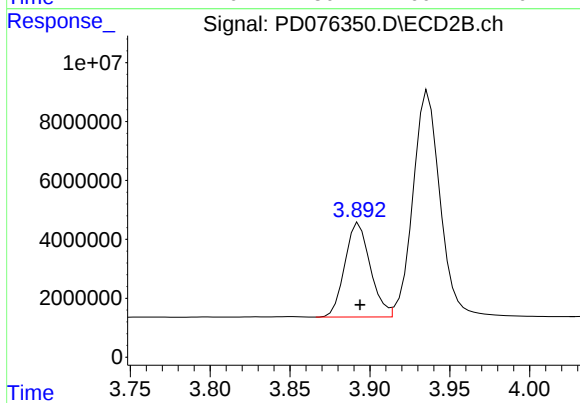
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 89074459
Conc: 40.19 ng/ml



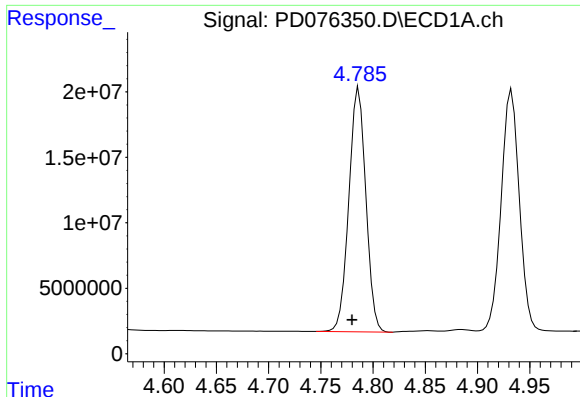
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.006 min
Response: 84320214
Conc: 40.23 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 35426045
Conc: 39.84 ng/ml



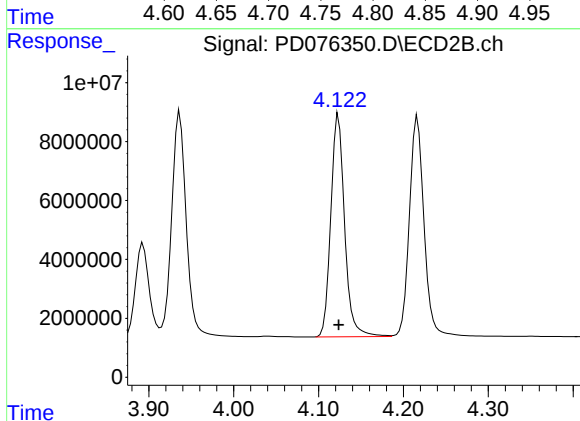
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.007 min
Response: 211038087
Conc: 41.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

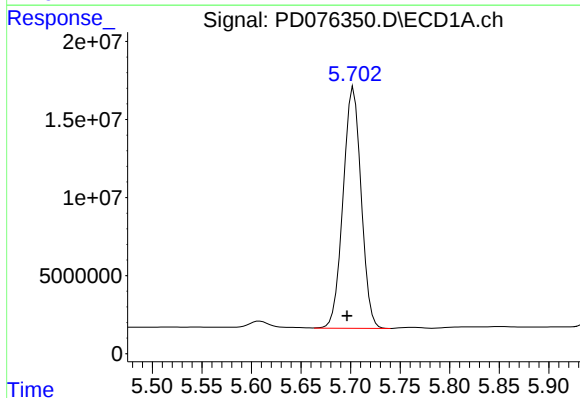
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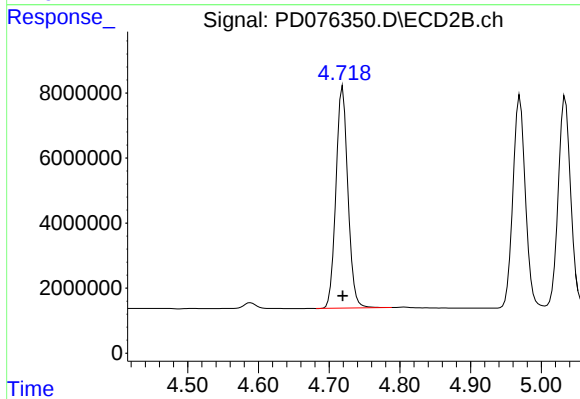
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 85637648
Conc: 40.73 ng/ml



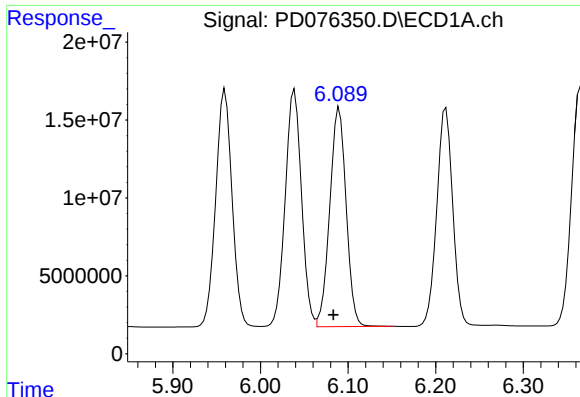
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 195921434
Conc: 40.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 80049843
Conc: 40.04 ng/ml



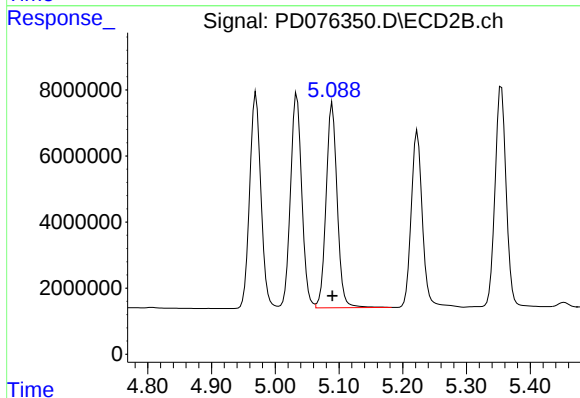
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 182947886
Conc: 41.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

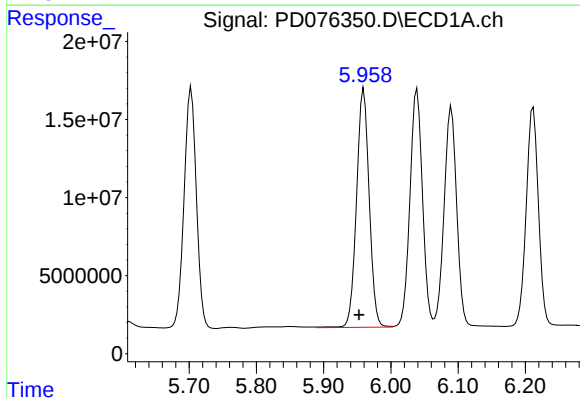
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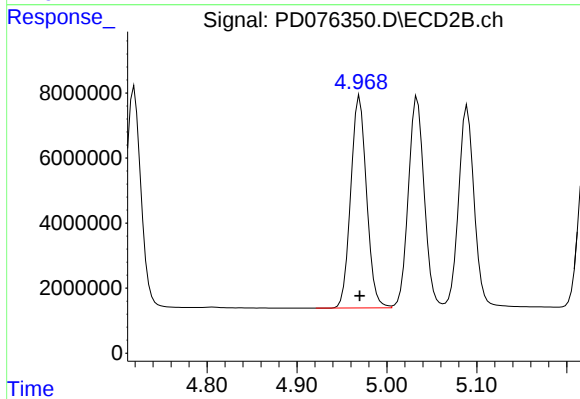
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 75126648
Conc: 40.12 ng/ml



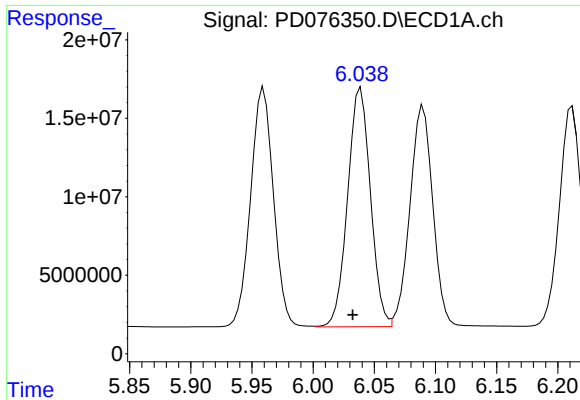
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 199711118
Conc: 41.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 79659468
Conc: 40.01 ng/ml



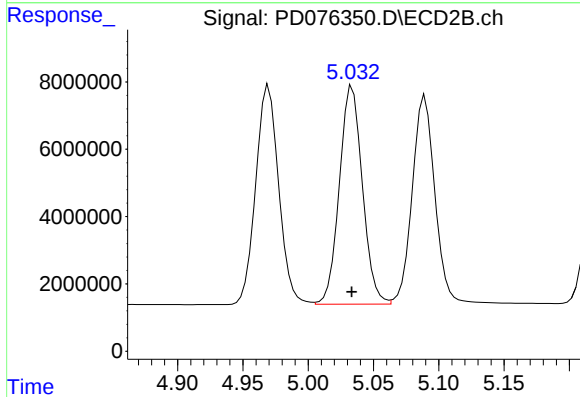
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 197465933
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

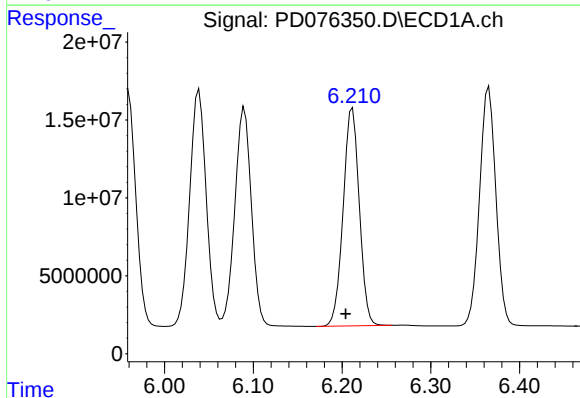
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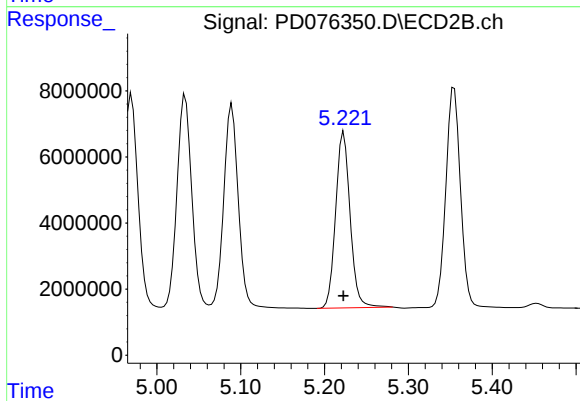
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 79633032
Conc: 40.07 ng/ml



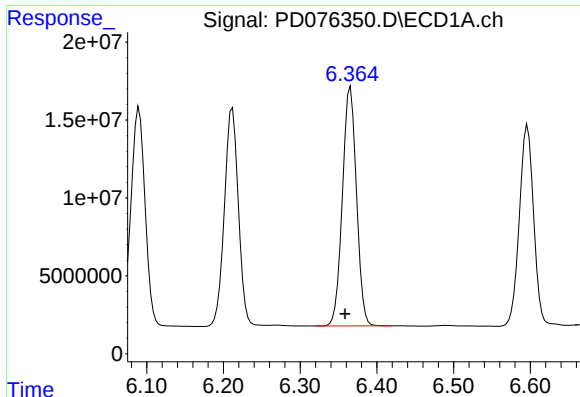
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 176646818
Conc: 41.61 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 63949068
Conc: 41.60 ng/ml



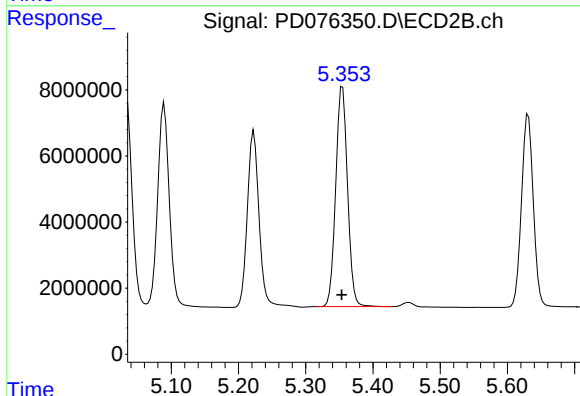
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 196176002
Conc: 41.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

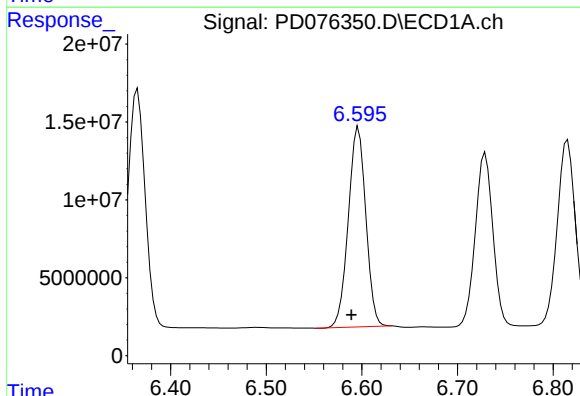
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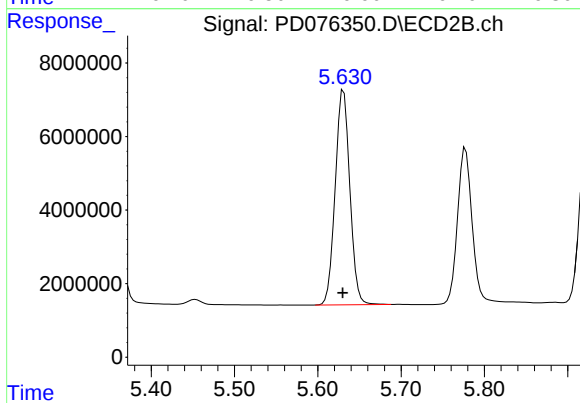
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 80591216
Conc: 40.92 ng/ml



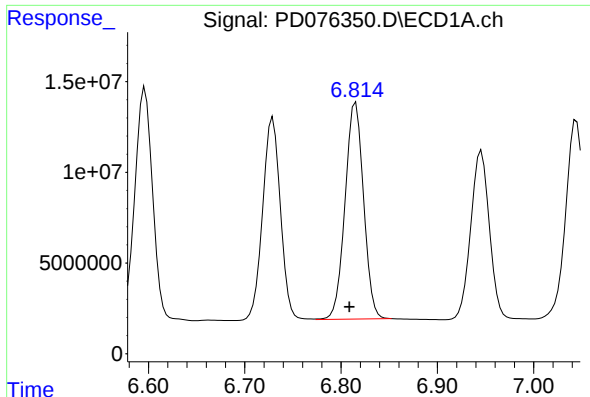
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 163870430
Conc: 41.16 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 71368874
Conc: 40.43 ng/ml



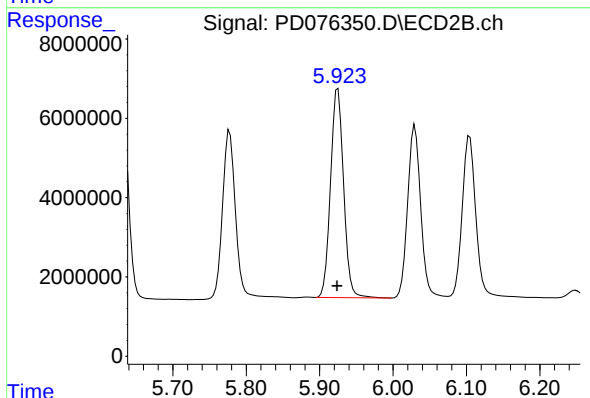
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 158711873
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

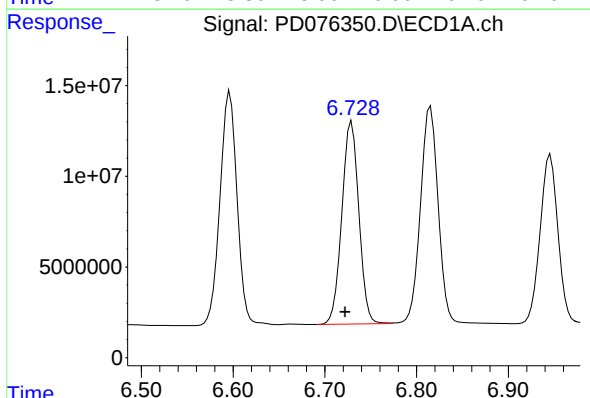
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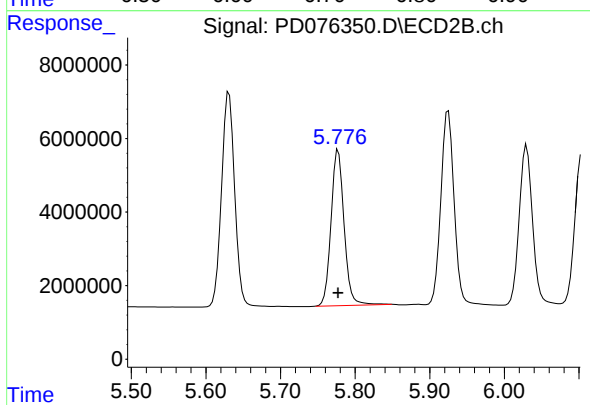
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 65264409
Conc: 42.06 ng/ml



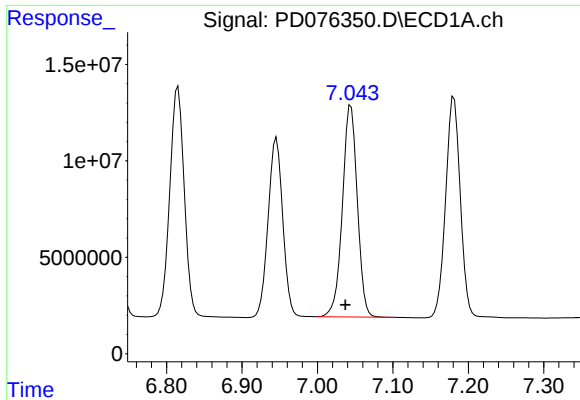
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.007 min
Response: 143651112
Conc: 42.76 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 51695118
Conc: 42.77 ng/ml



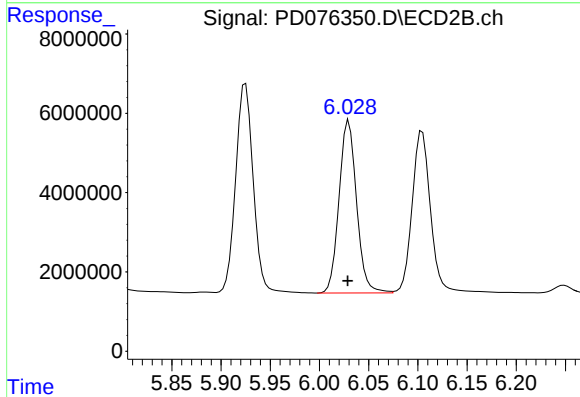
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 150681125
Conc: 42.86 ng/ml

Instrument :
ECD_D
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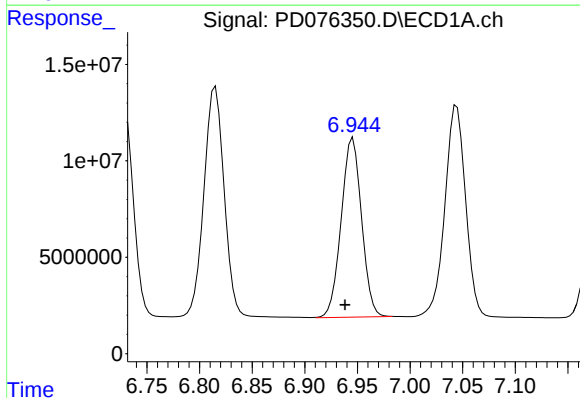
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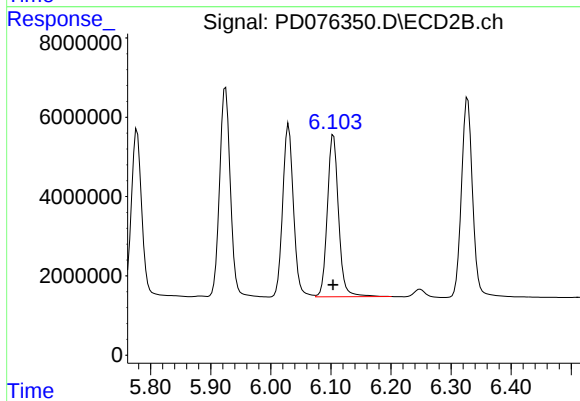
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 53953820
Conc: 44.58 ng/ml



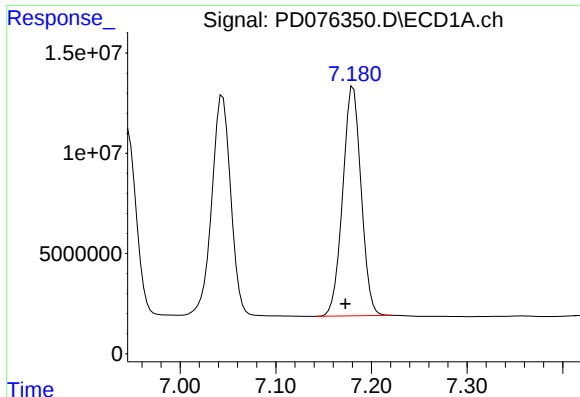
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.006 min
Response: 125570220
Conc: 45.81 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 53018836
Conc: 46.39 ng/ml



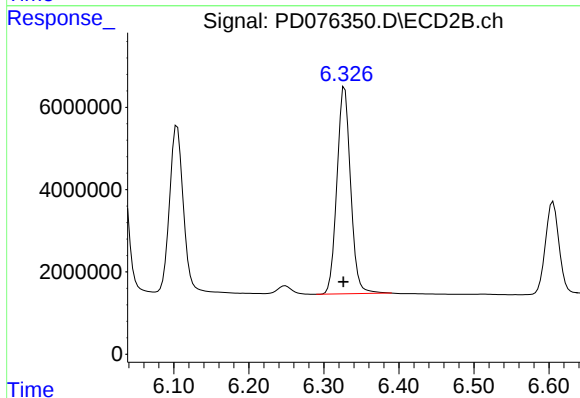
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 153641277
Conc: 41.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

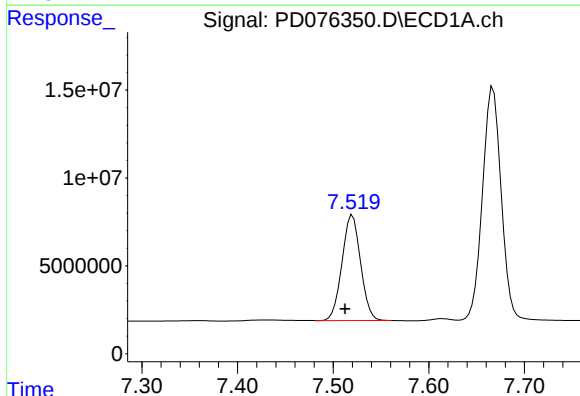
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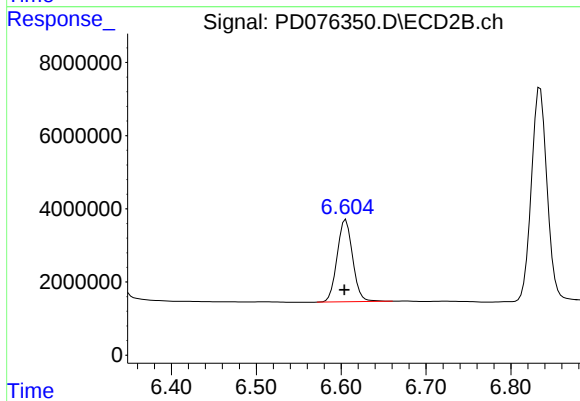
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 63731752
Conc: 41.94 ng/ml



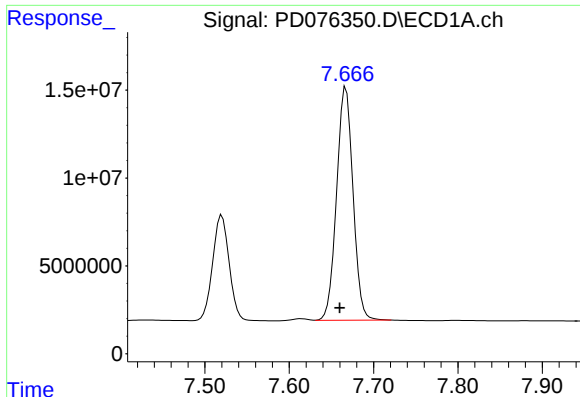
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: 0.008 min
Response: 81294605
Conc: 42.53 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 28489982
Conc: 44.61 ng/ml



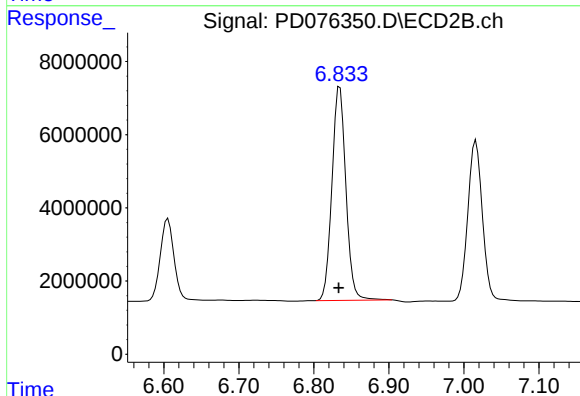
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.007 min
Response: 179739174
Conc: 43.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

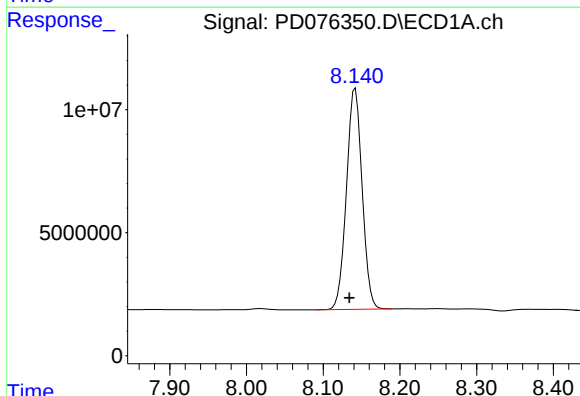
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/06/2023
Supervised By :Ankita Jodhani 07/06/2023



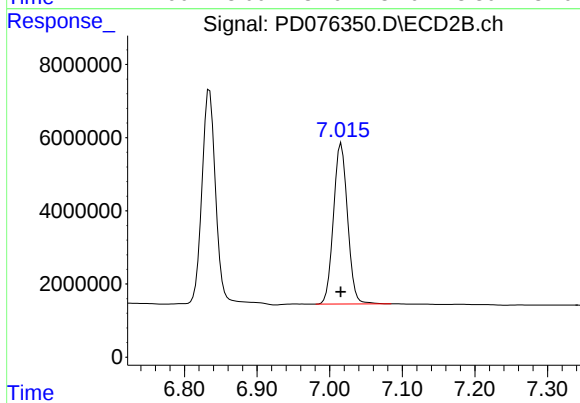
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 75563607
Conc: 43.23 ng/ml



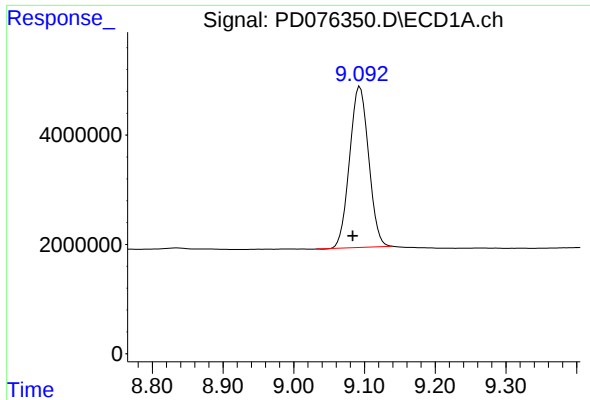
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.008 min
Response: 128366769
Conc: 40.63 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.001 min
Response: 59168642
Conc: 39.92 ng/ml



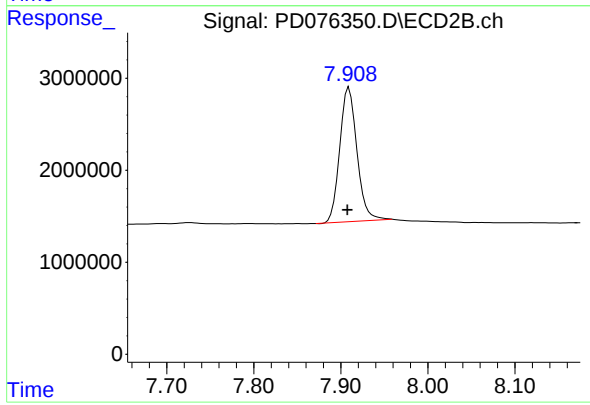
#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.010 min
Response: 55250046
Conc: 15.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB153985BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.002 min
Response: 20095797
Conc: 15.97 ng/ml