

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 21:53
 Operator : AR\AJ
 Sample : N6051-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SP-591MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:41:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.694	3.456	39800310	1525.4E6	18.990	15.511
28)	SA Decachlor...	7.824	8.908	27069611	231.8E6	11.180	13.149
Target Compounds							
2)	A alpha-BHC	3.196	3.920	150.2E6	5085.0E6	43.425	38.045
3)	MA gamma-BHC...	3.527	4.253	128.1E6	3730.8E6	46.602	37.810
4)	MA Heptachlor	3.858	4.819	145.6E6	2798.4E6	46.551	43.913
5)	MB Aldrin	4.137	5.157	143.6E6	2521.0E6	46.347	45.753
6)	B beta-BHC	3.828	4.468	50192597	1236.3E6	39.525	36.485
7)	B delta-BHC	4.056	4.712	134.9E6	2943.9E6	42.859m	44.367
8)	B Heptachlo...	4.642	5.590	128.4E6	2156.3E6	46.311	48.369
9)	A Endosulfan I	5.011	5.975	115.9E6	2031.7E6	43.775	48.936
10)	B gamma-Chl...	4.891	5.842	131.0E6	2163.4E6	45.924	48.399m
11)	B alpha-Chl...	4.954	5.919	130.1E6	2138.1E6	46.175	48.858
12)	B 4,4'-DDE	5.142	6.093	120.9E6	2085.9E6	44.662	49.358
13)	MA Dieldrin	5.277	6.250	136.2E6	2156.8E6	48.264	51.340m
14)	MA Endrin	5.554	6.483	123.5E6	1829.8E6	48.093	55.695
15)	B Endosulfa...	5.851	6.714	113.0E6	1640.9E6	47.809m	51.655
16)	A 4,4'-DDD	5.701	6.618	102.9E6	1538.0E6	45.612	49.226
17)	MA 4,4'-DDT	5.949	6.925	101.3E6	1507.4E6	45.735	49.881
18)	B Endrin al...	6.034	6.845	82438495	1162.3E6	43.796	49.579
19)	B Endosulfa...	6.257	7.078	105.7E6	1356.6E6	44.462	49.582
20)	A Methoxychlor	6.533	7.406	62414764	730.6E6	46.829	53.980
21)	B Endrin ke...	6.768	7.567	120.8E6	1370.7E6	44.471	49.924
22)	Mirex	6.933	8.015	87141014	805.8E6	41.922	46.073

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2022 21:53
Operator : AR\AJ
Sample : N6051-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

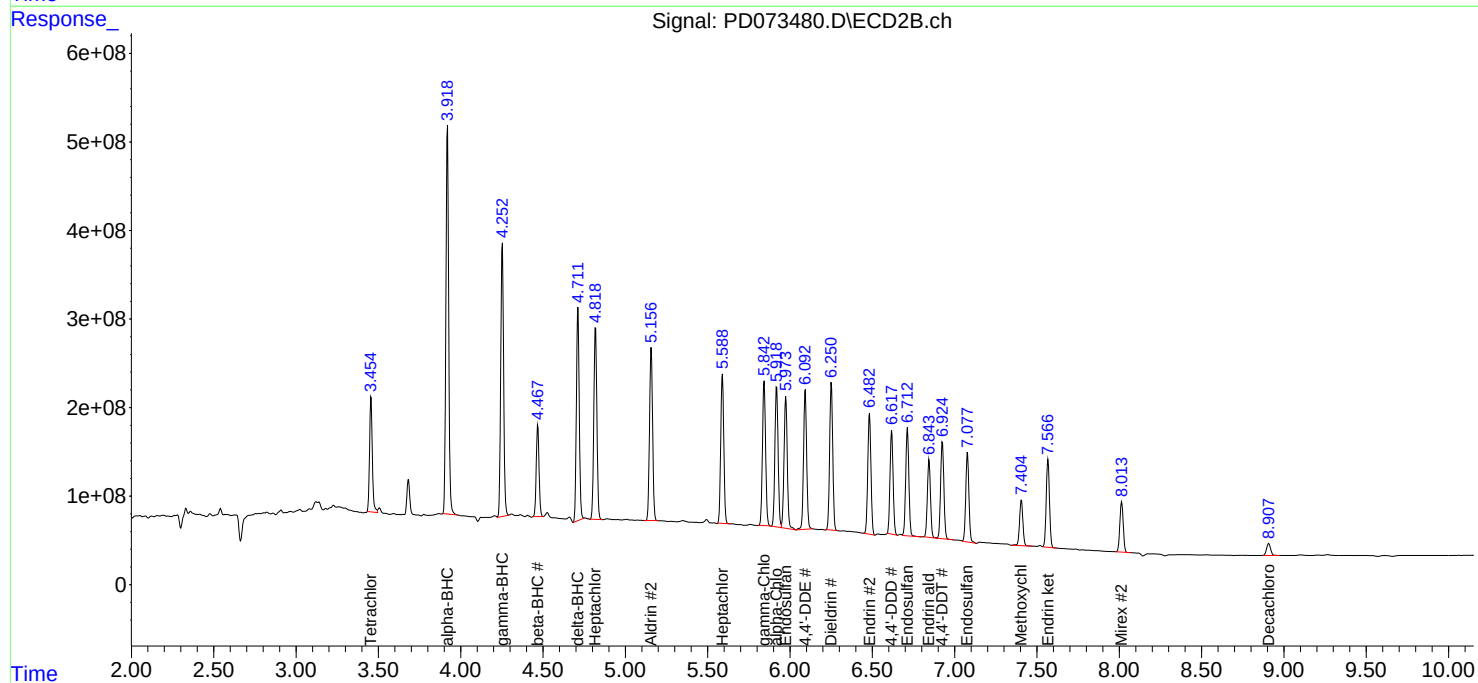
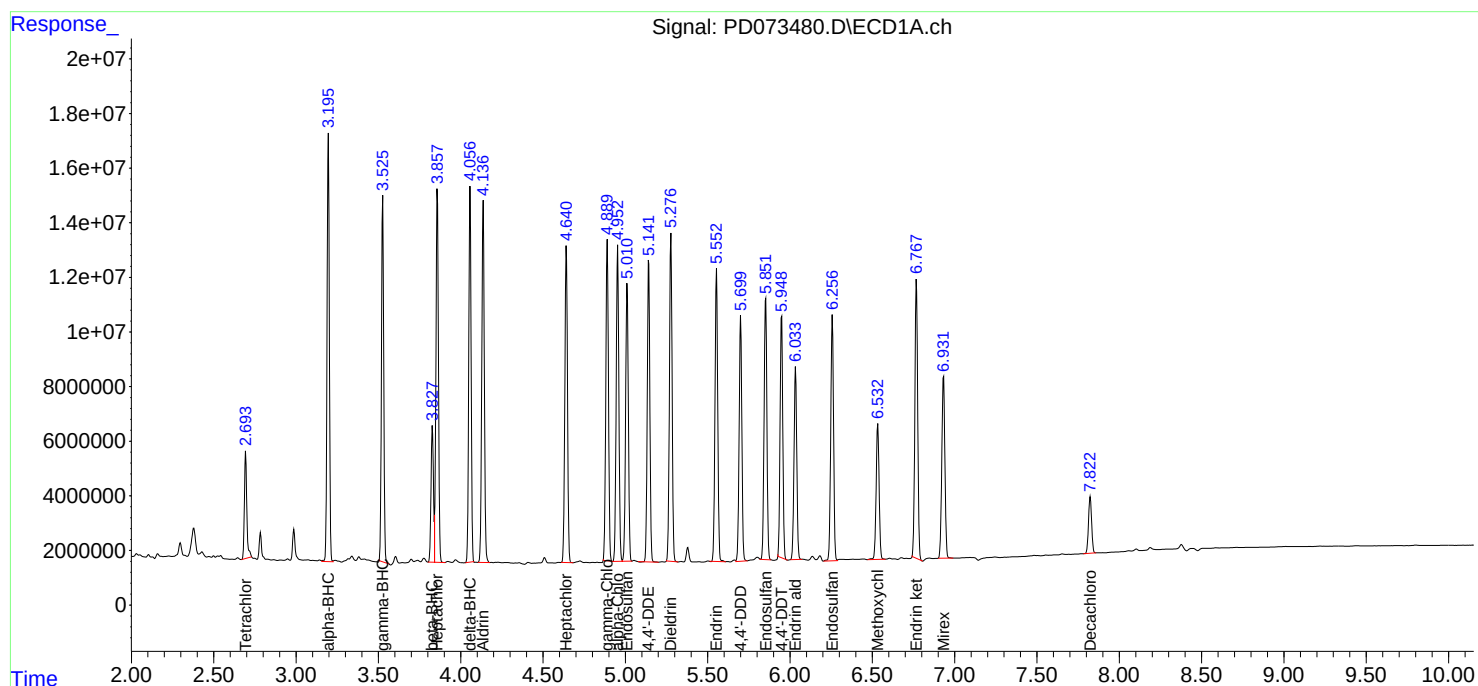
Instrument :
ECD_D
ClientSampleId :
SP-591MSD

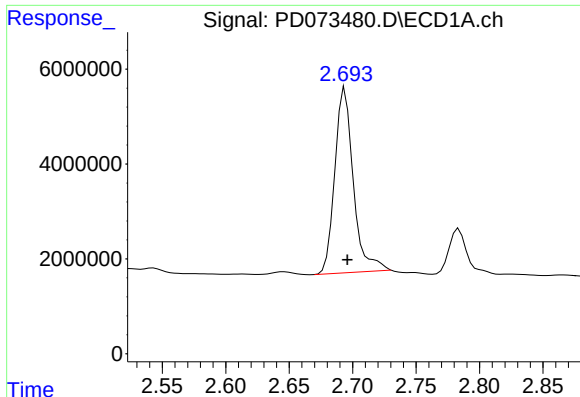
Manual Integrations
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Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 06:41:45 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractables
QLast Update : Fri Dec 16 15:46:21 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





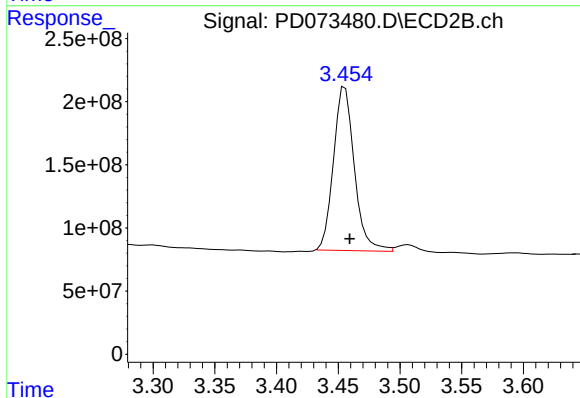
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 39800310
Conc: 18.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

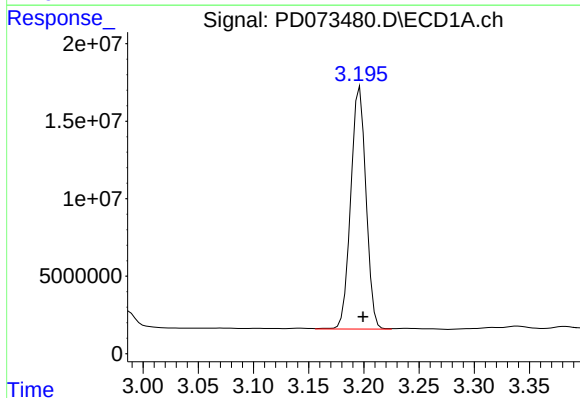
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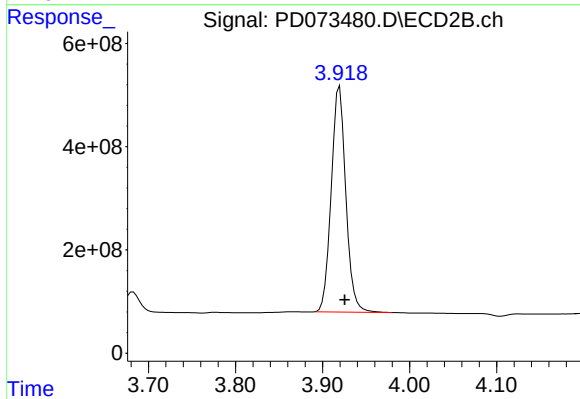
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 1525422030
Conc: 15.51 ng/ml



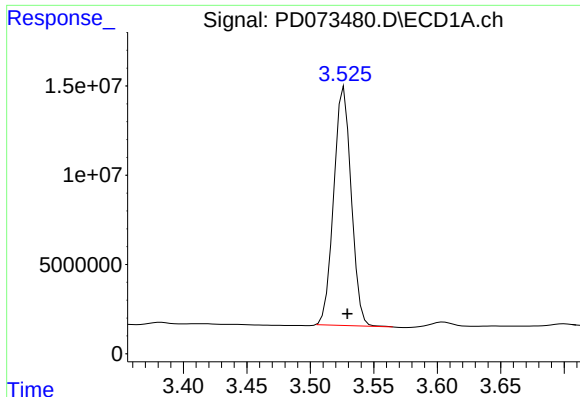
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 150203039
Conc: 43.43 ng/ml



#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: -0.006 min
Response: 5084993997
Conc: 38.04 ng/ml



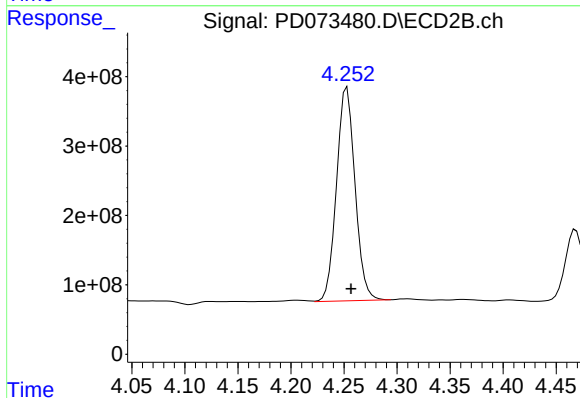
#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 128140531
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

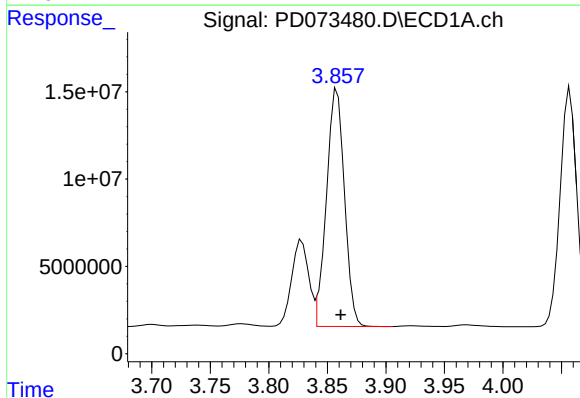
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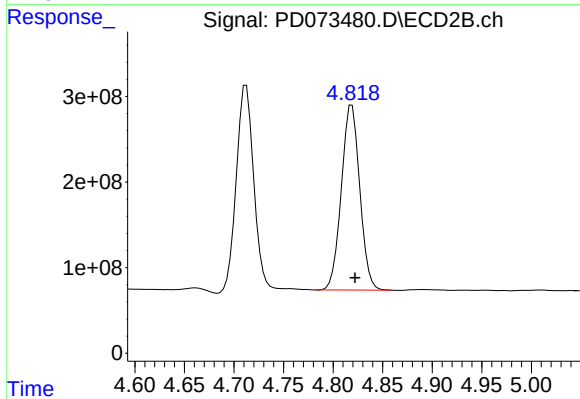
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 3730758479
Conc: 37.81 ng/ml



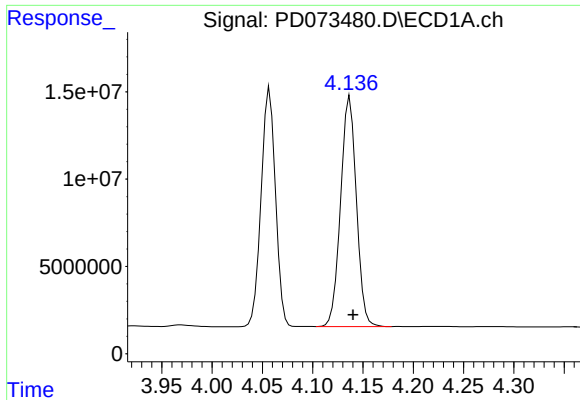
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 145624506
Conc: 46.55 ng/ml



#4 Heptachlor

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 2798359468
Conc: 43.91 ng/ml



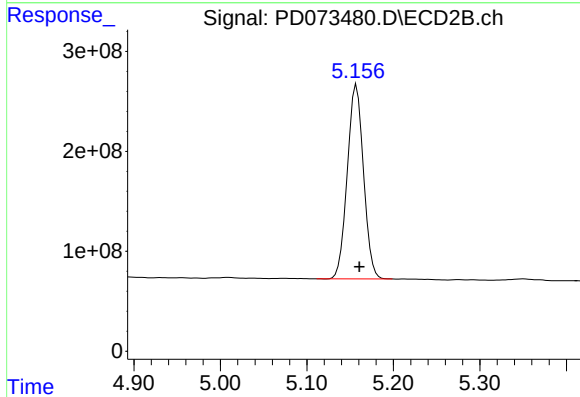
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 143590476
Conc: 46.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

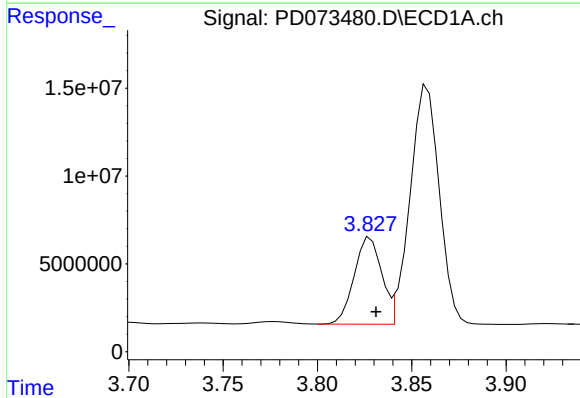
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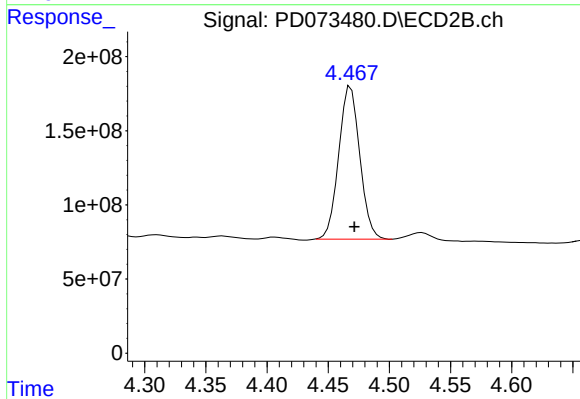
#5 Aldrin

R.T.: 5.157 min
Delta R.T.: -0.003 min
Response: 2520955878
Conc: 45.75 ng/ml



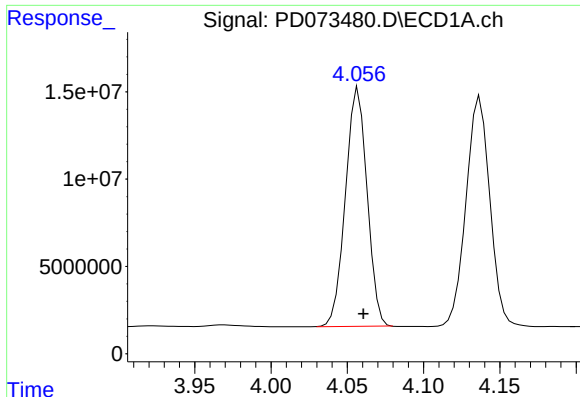
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 50192597
Conc: 39.53 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1236315438
Conc: 36.49 ng/ml



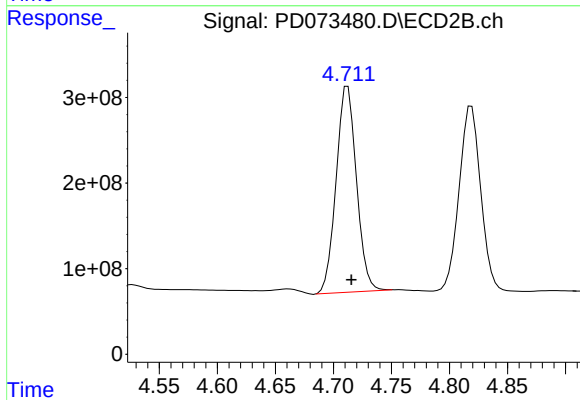
#7 delta-BHC

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 134937288
Conc: 42.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

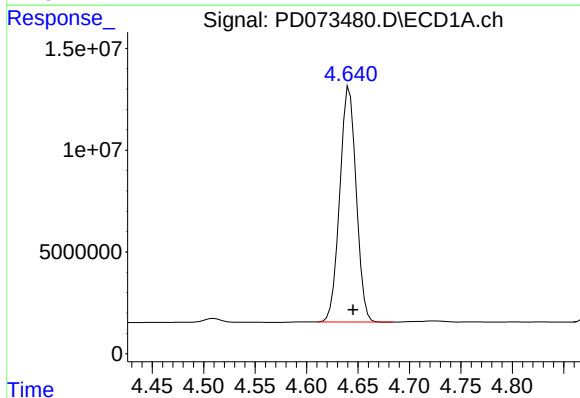
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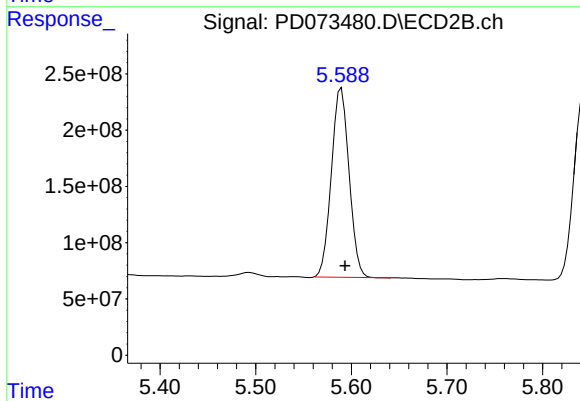
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 2943884506
Conc: 44.37 ng/ml



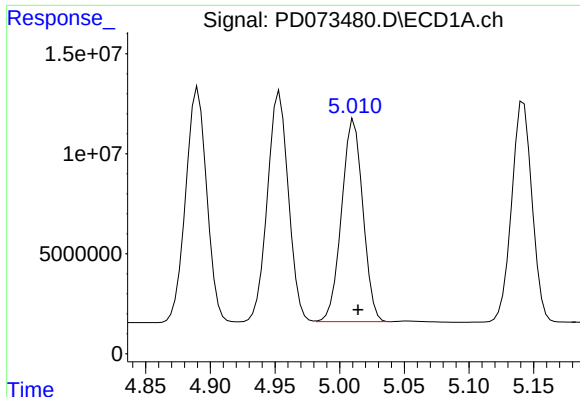
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 128355311
Conc: 46.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 2156250480
Conc: 48.37 ng/ml



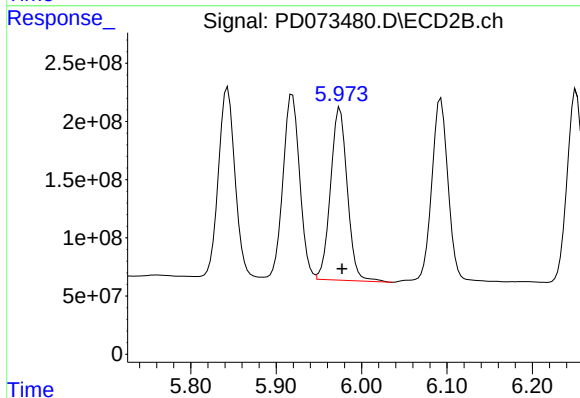
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 115852660
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

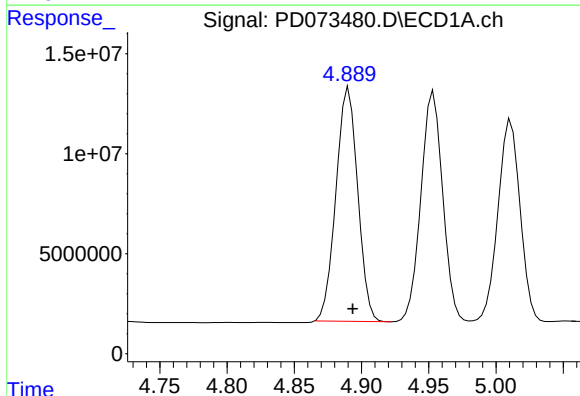
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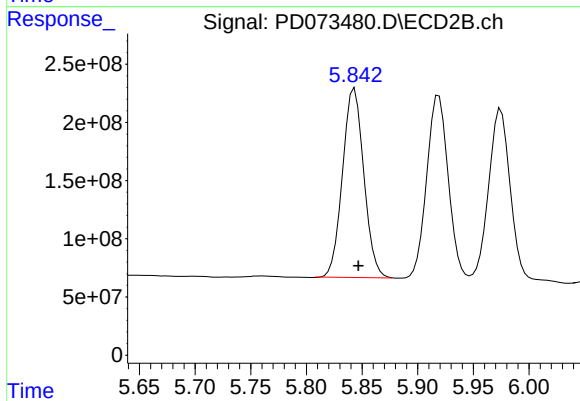
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 2031675360
Conc: 48.94 ng/ml



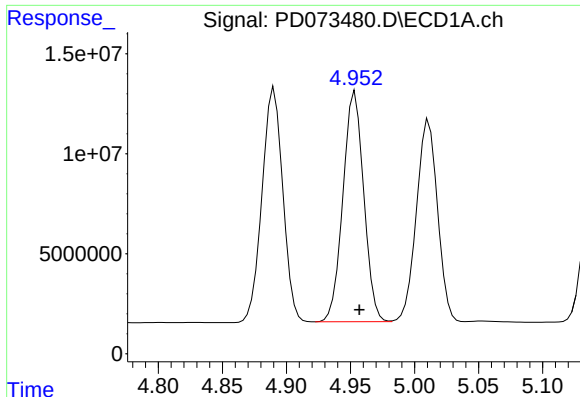
#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 131036955
Conc: 45.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 2163422622
Conc: 48.40 ng/ml m



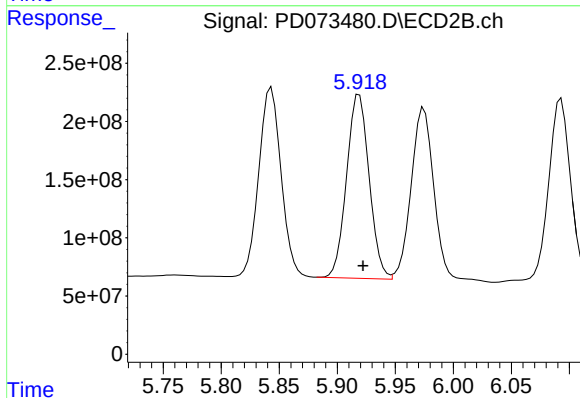
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 130085090
Conc: 46.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

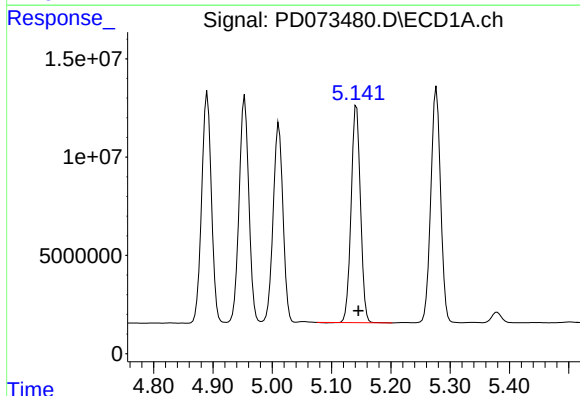
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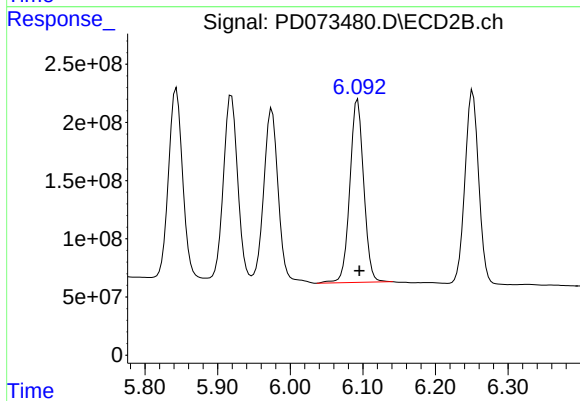
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 2138115788
Conc: 48.86 ng/ml



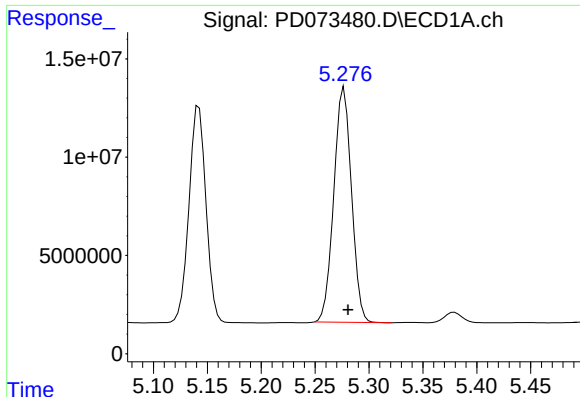
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 120935563
Conc: 44.66 ng/ml



#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 2085920507
Conc: 49.36 ng/ml



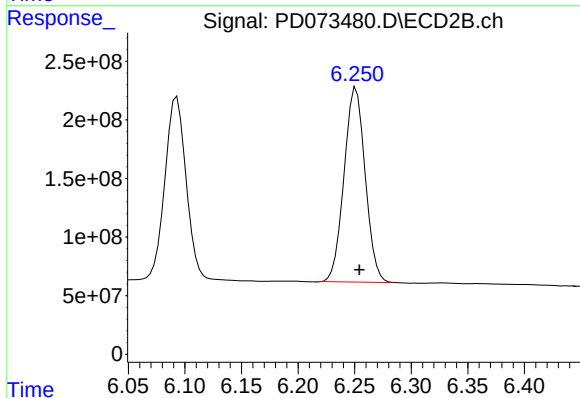
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 136200558
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

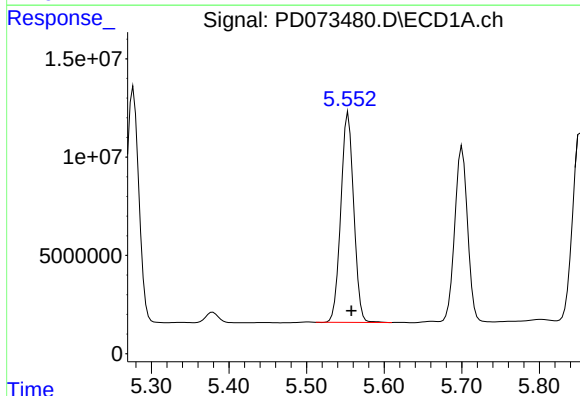
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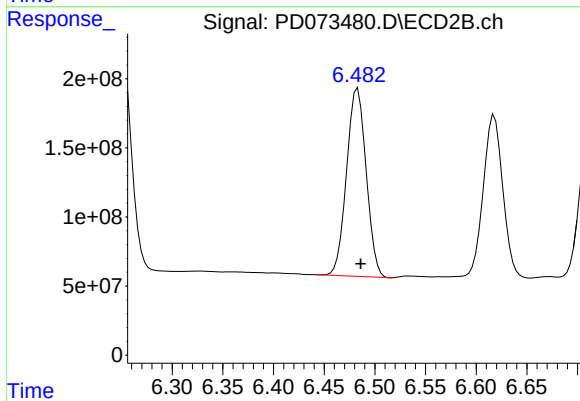
#13 Dieldrin

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 2156808573
Conc: 51.34 ng/ml m



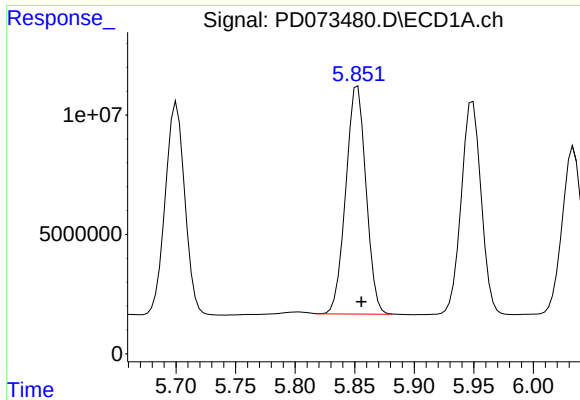
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 123487219
Conc: 48.09 ng/ml



#14 Endrin

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 1829788643
Conc: 55.70 ng/ml



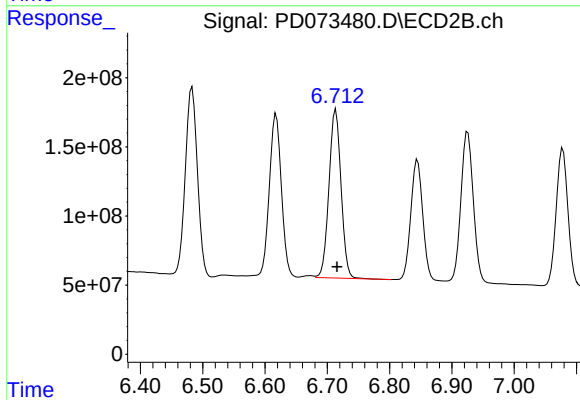
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 112954539
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

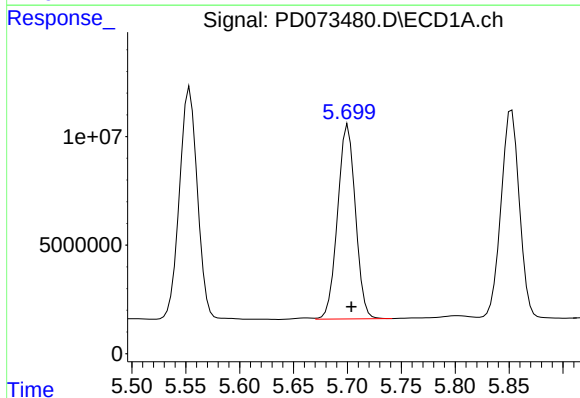
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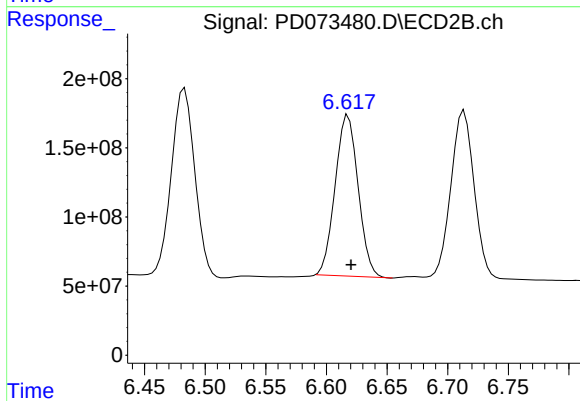
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 1640911874
Conc: 51.65 ng/ml



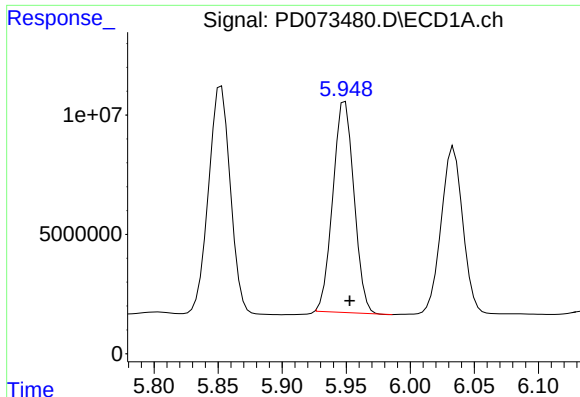
#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 102876597
Conc: 45.61 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 1537964639
Conc: 49.23 ng/ml



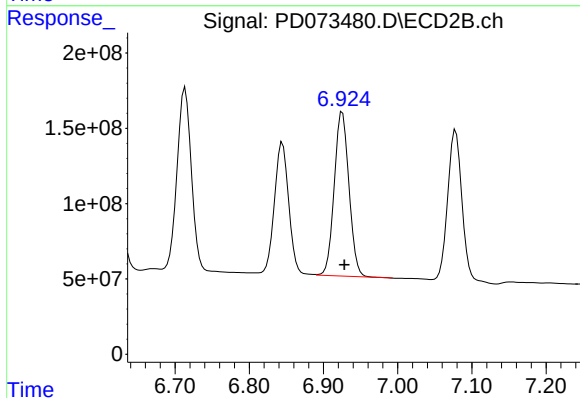
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 101310786
Conc: 45.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

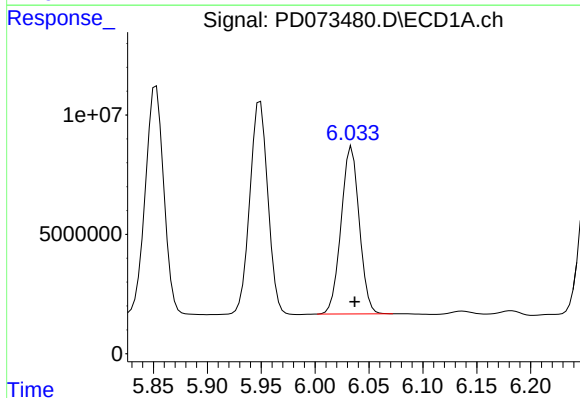
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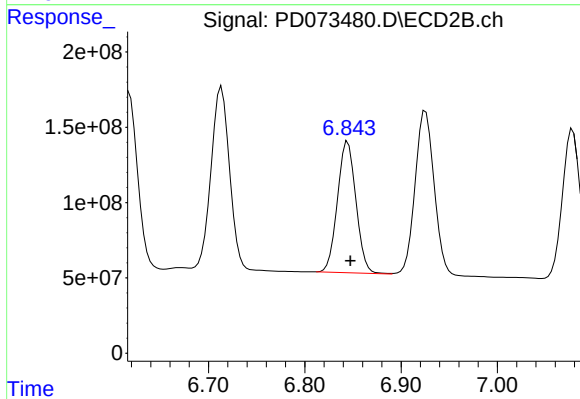
#17 4,4'-DDT

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 1507361204
Conc: 49.88 ng/ml



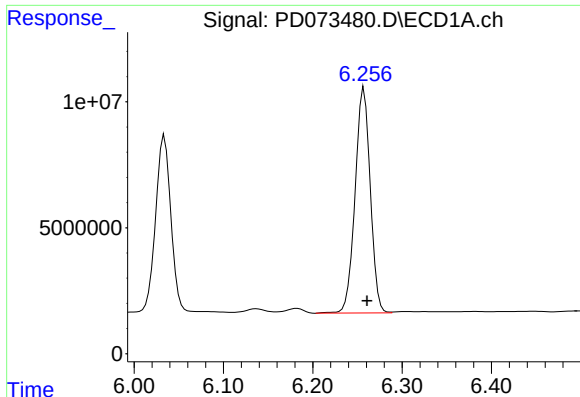
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 82438495
Conc: 43.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 1162280010
Conc: 49.58 ng/ml



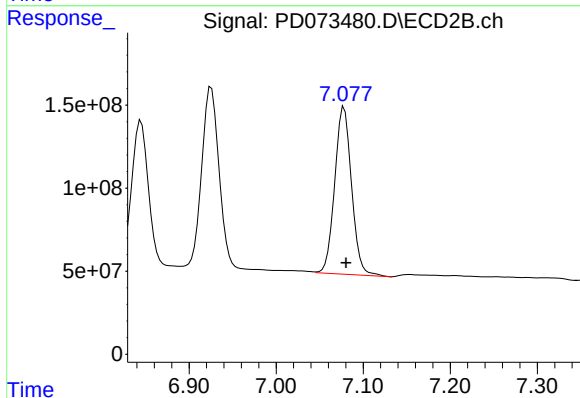
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 105680128
Conc: 44.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

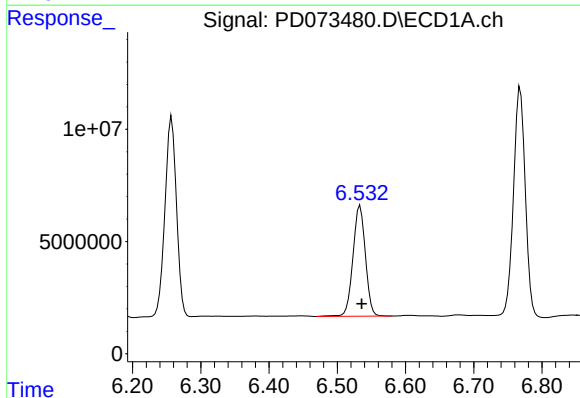
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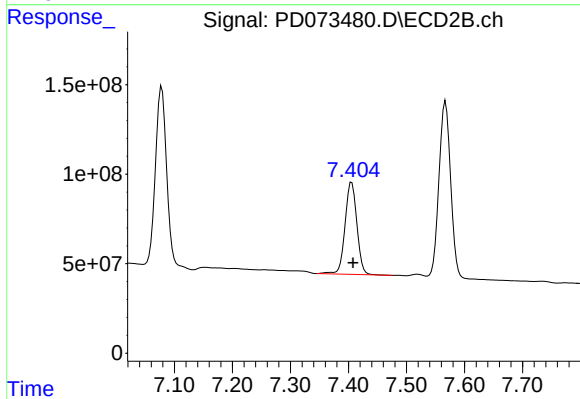
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 1356562437
Conc: 49.58 ng/ml



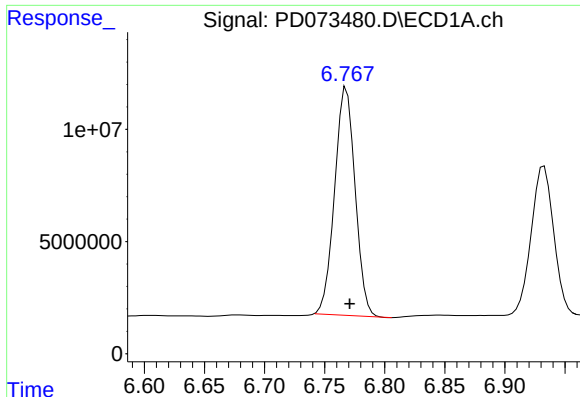
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 62414764
Conc: 46.83 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 730636462
Conc: 53.98 ng/ml



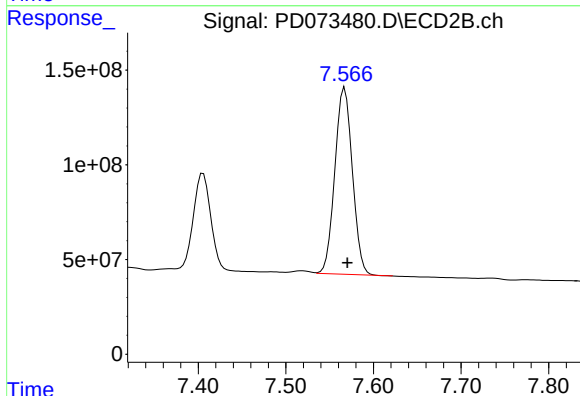
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 120847657
Conc: 44.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

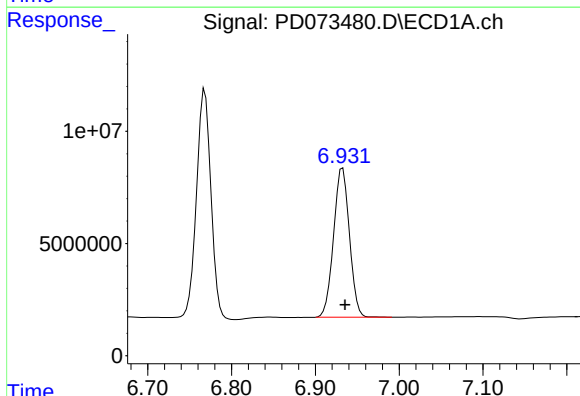
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



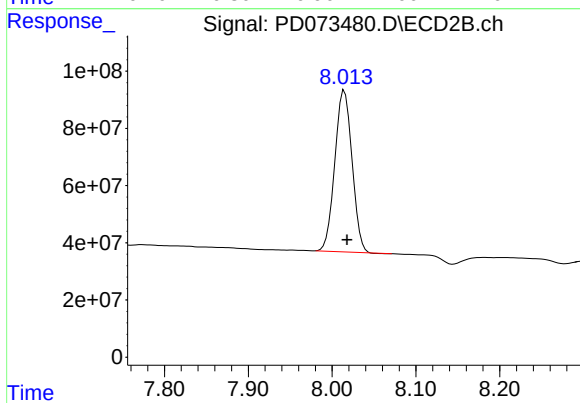
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1370730809
Conc: 49.92 ng/ml



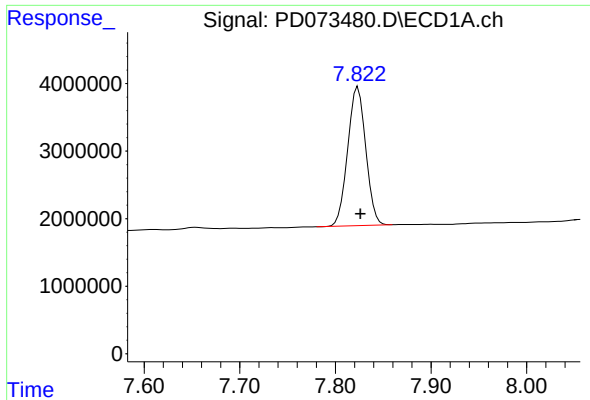
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 87141014
Conc: 41.92 ng/ml



#22 Mirex

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 805829887
Conc: 46.07 ng/ml



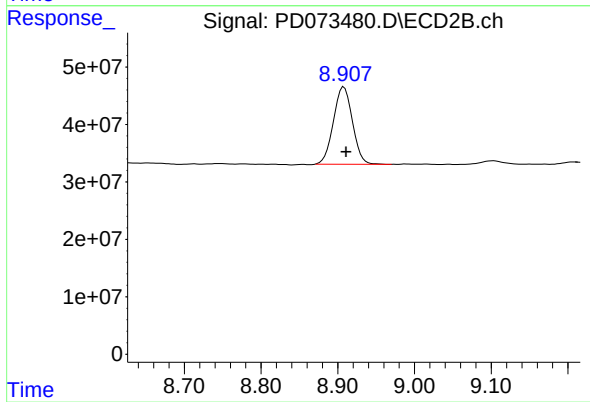
#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 27069611
Conc: 11.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 231778599
Conc: 13.15 ng/ml