

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073377.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 18:46
 Operator : AR\AJ
 Sample : PB149774BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149774BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2022
 Supervised By : Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:32:09 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	67588982	2279.7E6	32.249	23.180 #
28)	SA Decachlor...	7.819	8.902	77555186	542.7E6	32.031	30.789
Target Compounds							
2)	A alpha-BHC	3.196	3.919	191.3E6	4800.2E6	55.306	35.914 #
3)	MA gamma-BHC...	3.527	4.253	158.4E6	3629.4E6	57.602	36.784 #
4)	MA Heptachlor	3.859	4.819	166.1E6	2455.2E6	53.097	38.528 #
5)	MB Aldrin	4.137	5.157	170.3E6	2195.8E6	54.982	39.852 #
6)	B beta-BHC	3.828	4.468	65923635	1305.0E6	51.913	38.511 #
7)	B delta-BHC	4.058	4.712	173.7E6	2742.8E6	55.158	41.337 #
8)	B Heptachlo...	4.641	5.589	149.9E6	1836.2E6	54.099	41.190
9)	A Endosulfan I	5.010	5.973	139.7E6	1674.3E6	52.779	40.328
10)	B gamma-Chl...	4.890	5.841	149.5E6	1805.2E6	52.397	40.386m
11)	B alpha-Chl...	4.953	5.917	150.2E6	1765.0E6	53.318	40.332
12)	B 4,4'-DDE	5.141	6.092	147.2E6	1766.5E6	54.371	41.800
13)	MA Dieldrin	5.276	6.249	151.1E6	1735.3E6	53.537	41.306
14)	MA Endrin	5.552	6.481	140.1E6	1496.3E6	54.548	45.545
15)	B Endosulfa...	5.849	6.710	128.8E6	1381.8E6	54.521m	43.497
16)	A 4,4'-DDD	5.699	6.615	121.4E6	1329.8E6	53.839	42.563
17)	MA 4,4'-DDT	5.946	6.923	119.2E6	1319.4E6	53.820m	43.660
18)	B Endrin al...	6.032	6.842	101.3E6	1082.0E6	53.824	46.152
19)	B Endosulfa...	6.255	7.074	123.6E6	1218.5E6	51.992	44.537
20)	A Methoxychlor	6.530	7.402	68454917	621.2E6	51.361	45.895
21)	B Endrin ke...	6.764	7.564	147.4E6	1263.6E6	54.253m	46.022
22)	Mirex	6.930	8.011	105.7E6	785.5E6	50.843	44.910

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
Data File : PD073377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2022 18:46
Operator : AR\AJ
Sample : PB149774BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

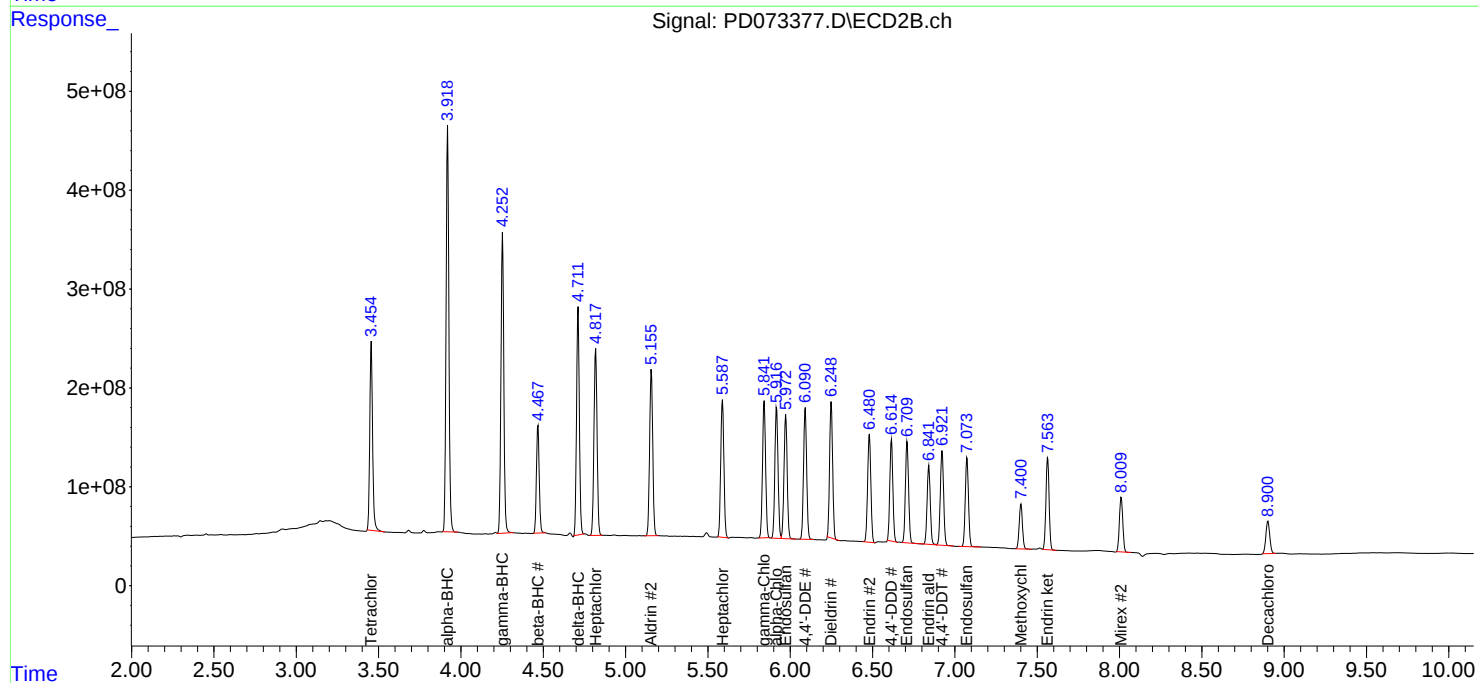
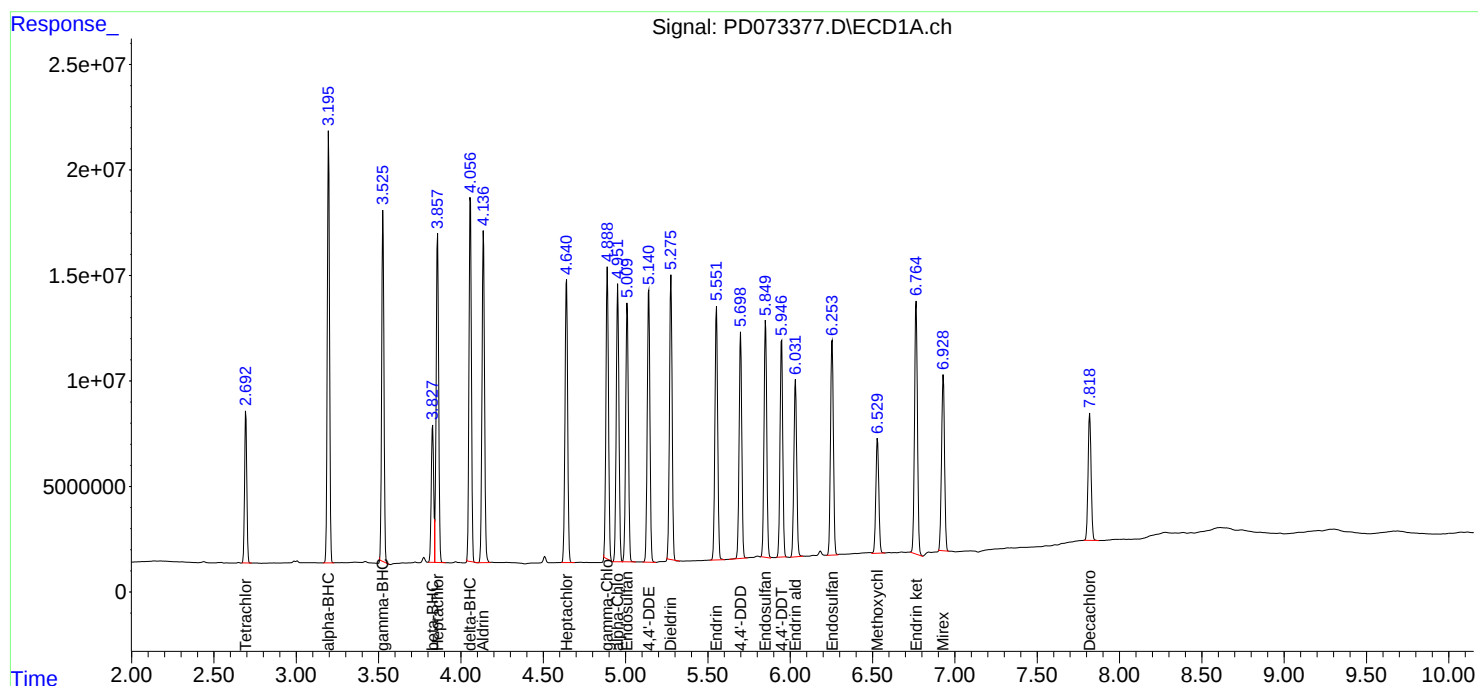
Instrument :
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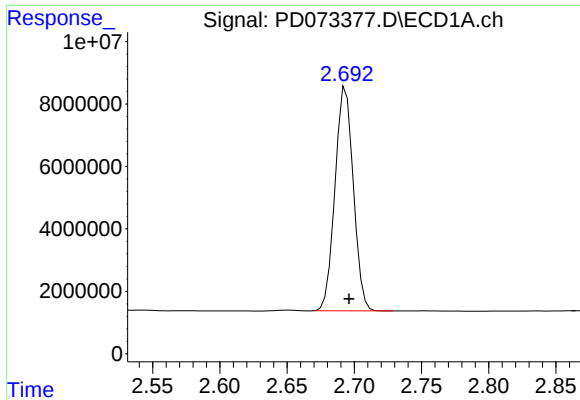
Manual Integrations
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Supervised By :Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:32:09 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
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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





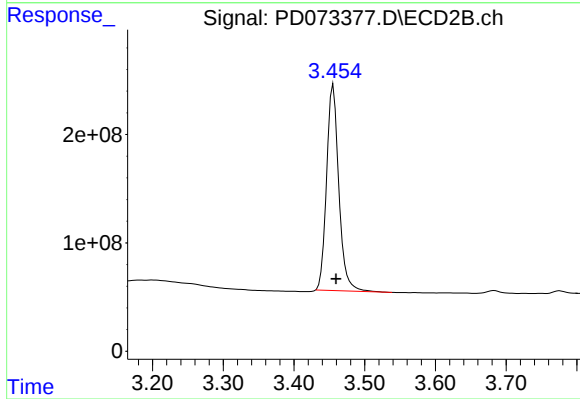
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 67588982
Conc: 32.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

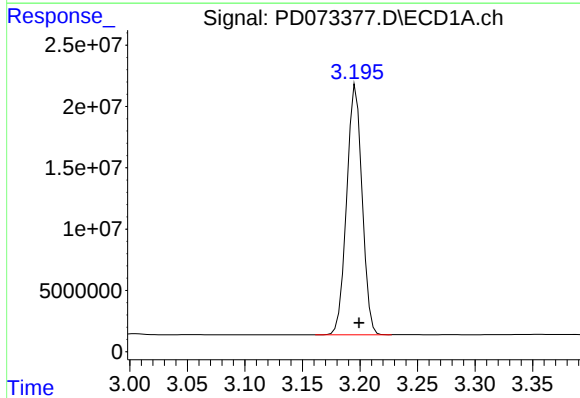
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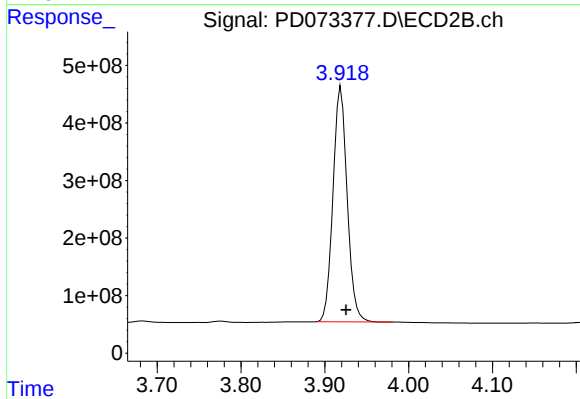
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 2279661867
Conc: 23.18 ng/ml



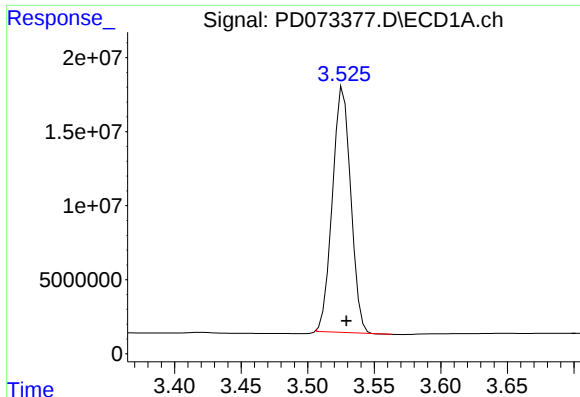
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 191295811
Conc: 55.31 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 4800185714
Conc: 35.91 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 158387985
Conc: 57.60 ng/ml

Instrument :

ECD_D

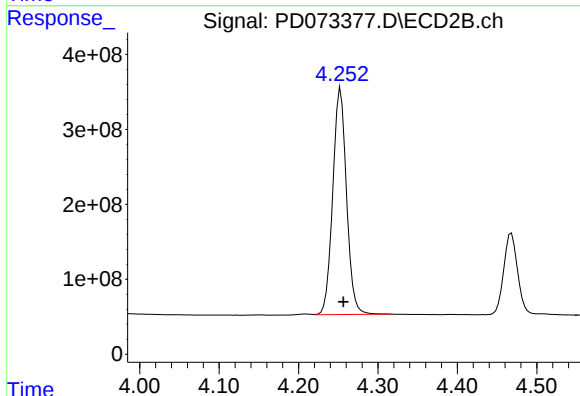
ClientSampleId :

PB149774BS

Manual Integrations

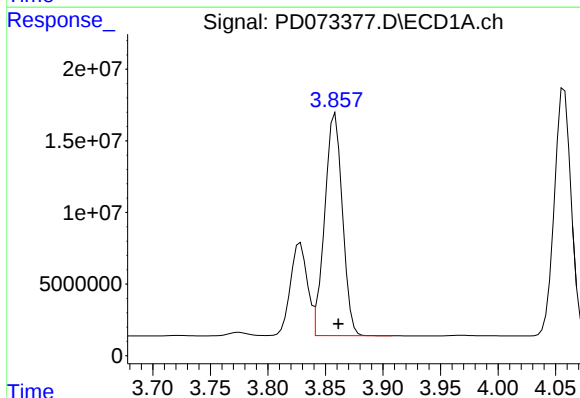
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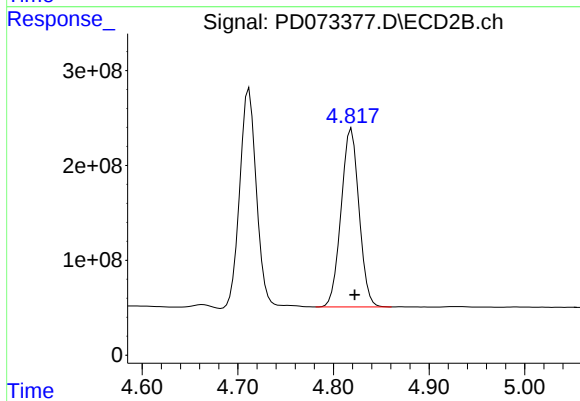
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 3629446474
Conc: 36.78 ng/ml



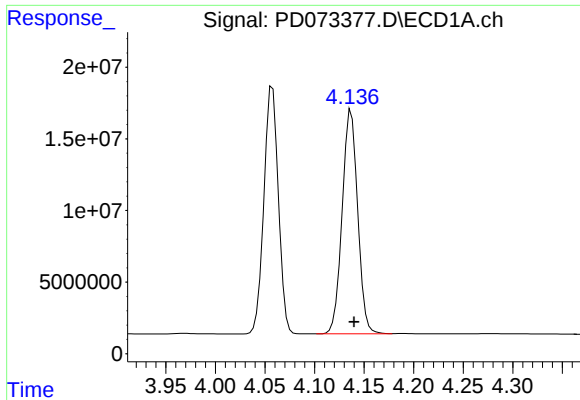
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 166101949
Conc: 53.10 ng/ml



#4 Heptachlor

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 2455168799
Conc: 38.53 ng/ml



#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 170342829
Conc: 54.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

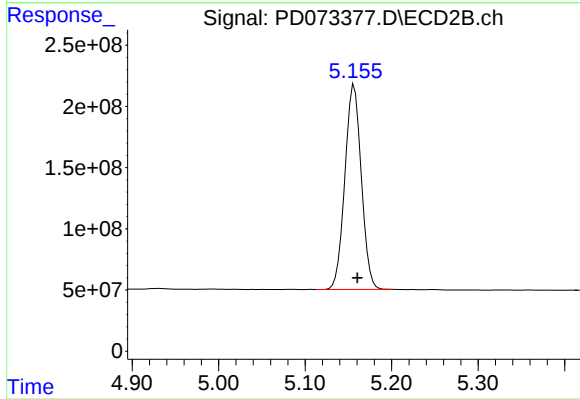
PB149774BS

Manual Integrations

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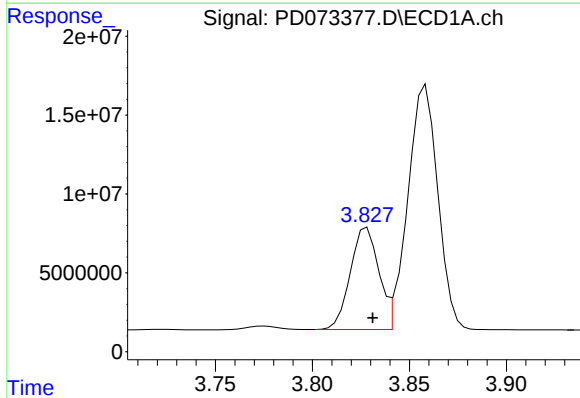
Reviewed By :Abdul Mirza 12/21/2022

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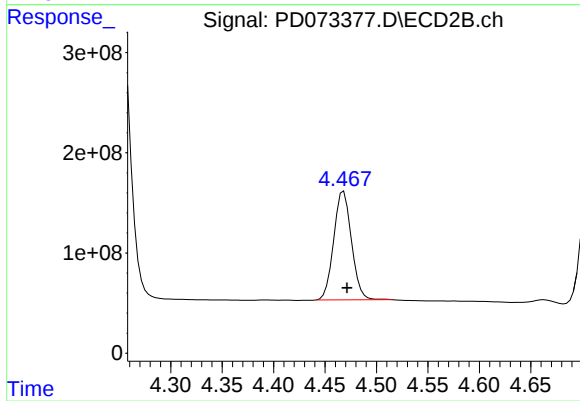
#5 Aldrin

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 2195807946
Conc: 39.85 ng/ml



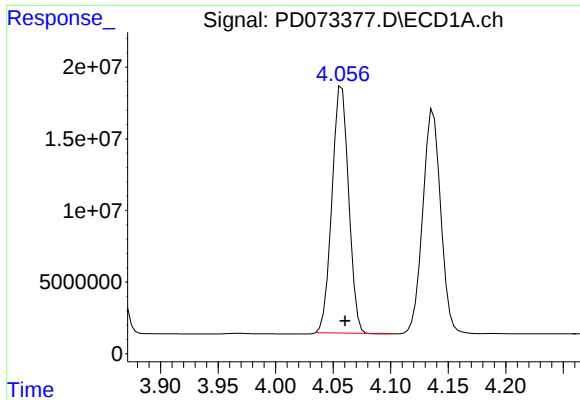
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 65923635
Conc: 51.91 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1304974668
Conc: 38.51 ng/ml



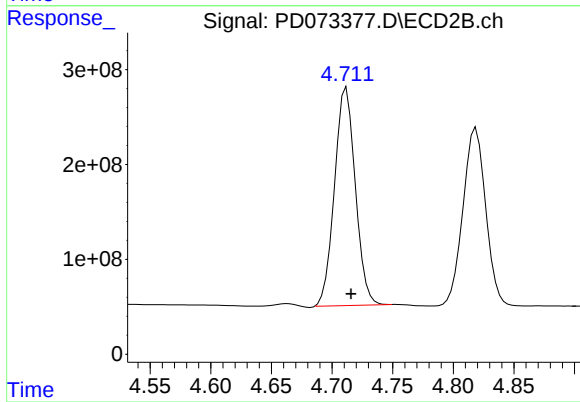
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 173661580
Conc: 55.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

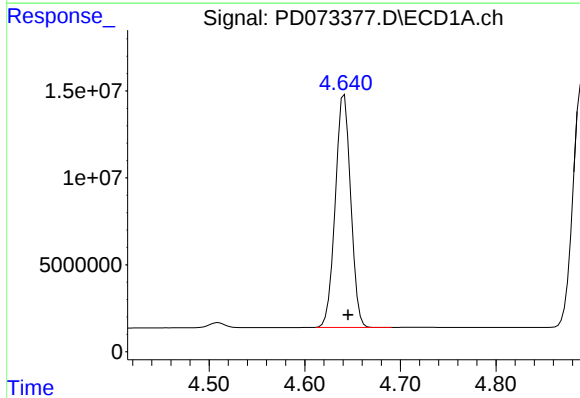
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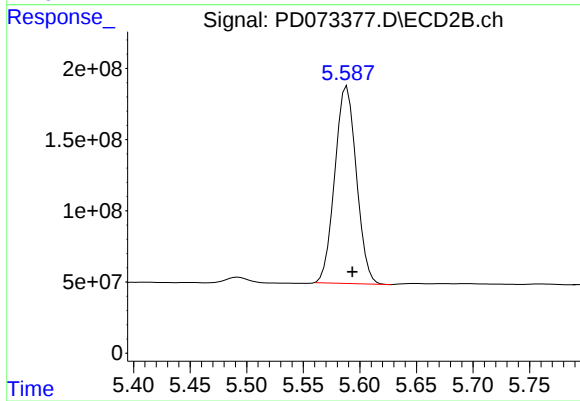
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.004 min
Response: 274283354
Conc: 41.34 ng/ml



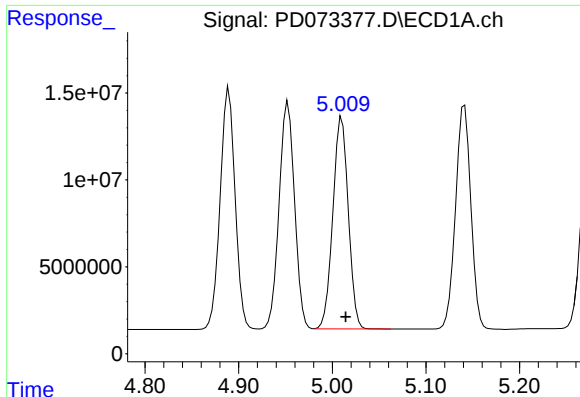
#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 149940519
Conc: 54.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 1836234056
Conc: 41.19 ng/ml



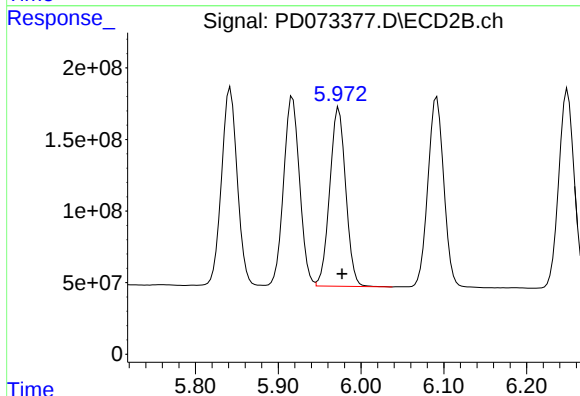
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 139682669
Conc: 52.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

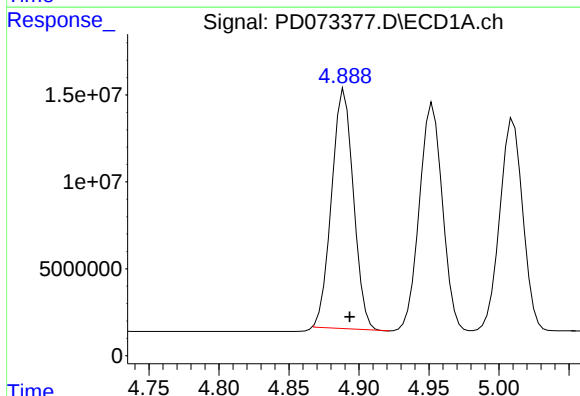
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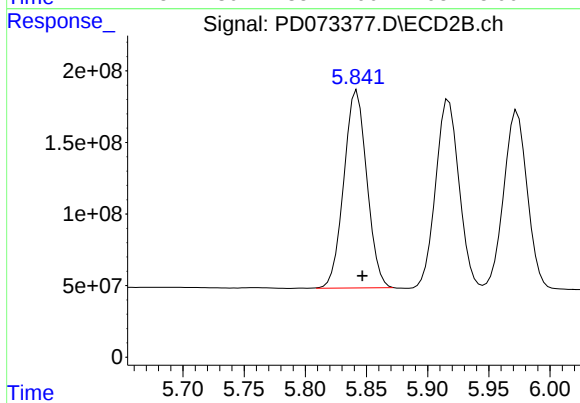
#9 Endosulfan I

R.T.: 5.973 min
Delta R.T.: -0.004 min
Response: 1674263636
Conc: 40.33 ng/ml



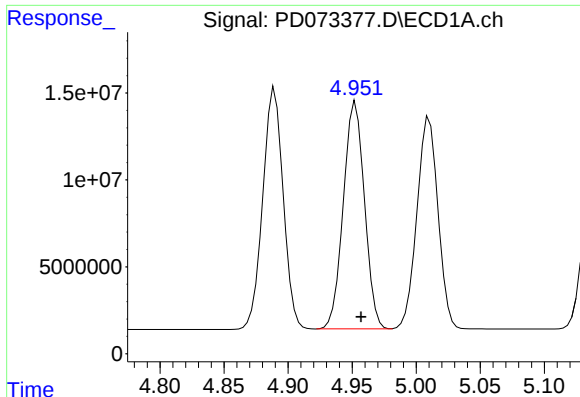
#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.004 min
Response: 149507225
Conc: 52.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 1805222351
Conc: 40.39 ng/ml m



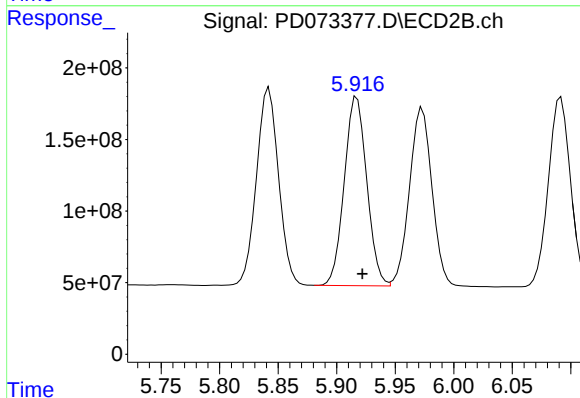
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 150208915
Conc: 53.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

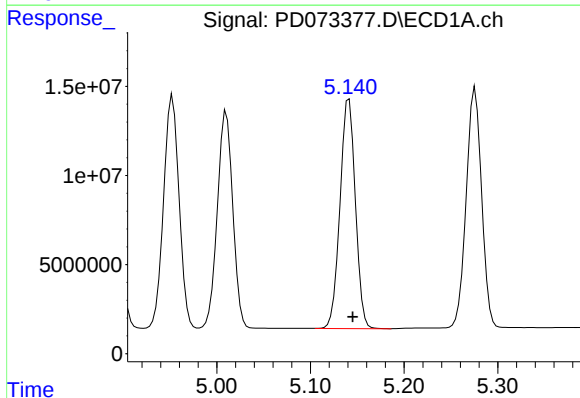
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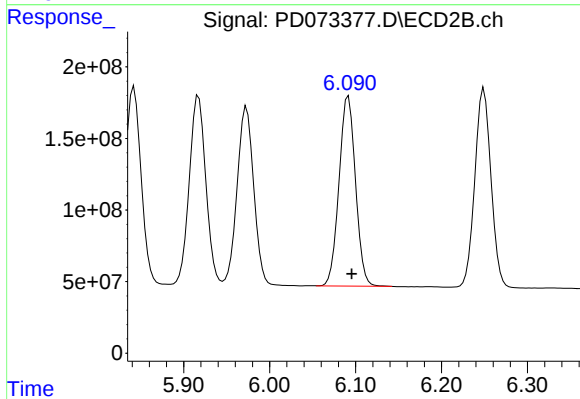
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.005 min
Response: 1764987164
Conc: 40.33 ng/ml



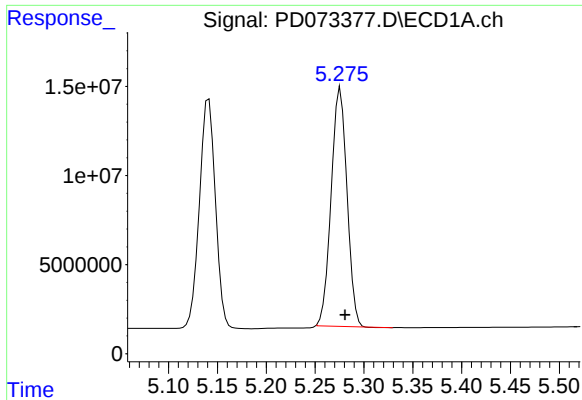
#12 4,4'-DDE

R.T.: 5.141 min
Delta R.T.: -0.004 min
Response: 147226162
Conc: 54.37 ng/ml



#12 4,4'-DDE

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 1766520278
Conc: 41.80 ng/ml



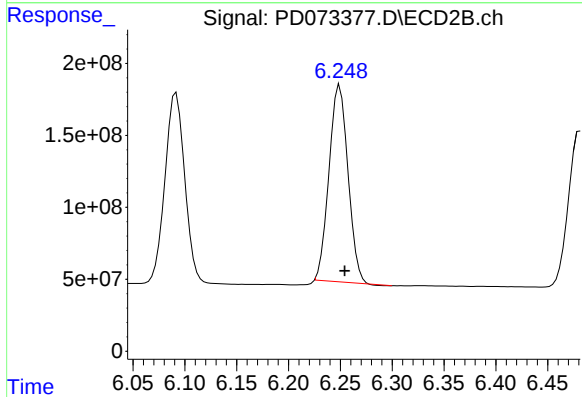
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.005 min
Response: 151081062
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

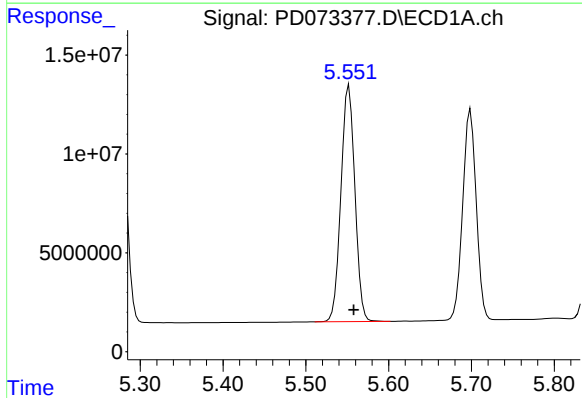
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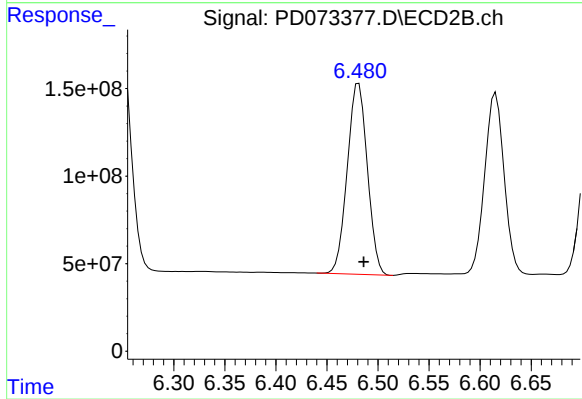
#13 Dieldrin

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 1735274336
Conc: 41.31 ng/ml



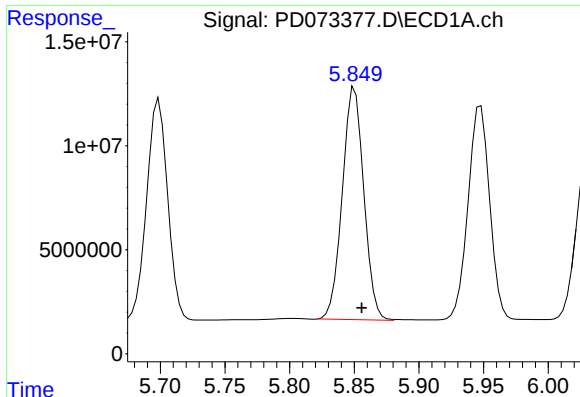
#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.006 min
Response: 140060166
Conc: 54.55 ng/ml



#14 Endrin

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1496312784
Conc: 45.54 ng/ml



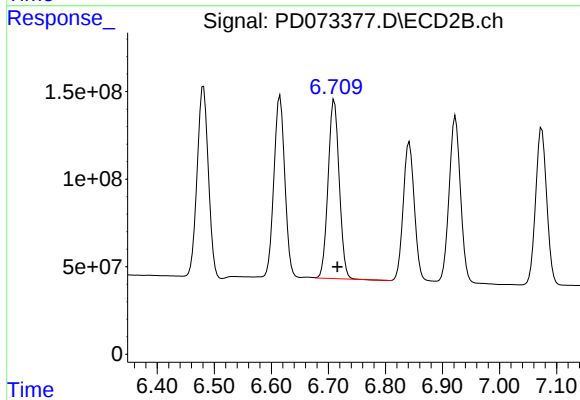
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: -0.007 min
Response: 128813290
Conc: 54.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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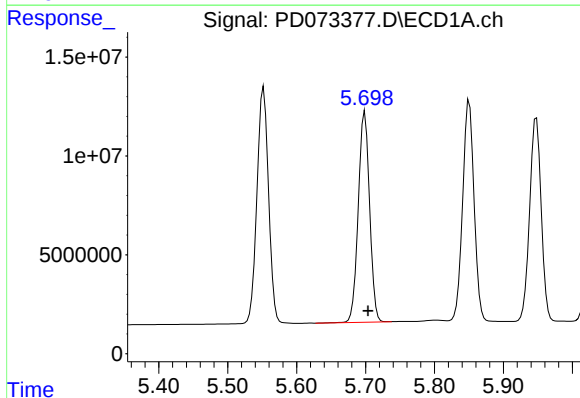
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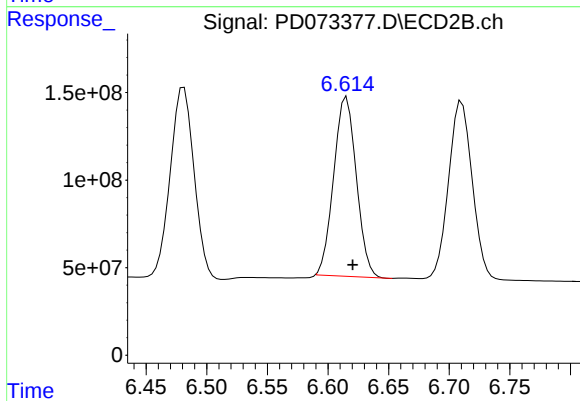
#15 Endosulfan II

R.T.: 6.710 min
Delta R.T.: -0.005 min
Response: 1381779755
Conc: 43.50 ng/ml



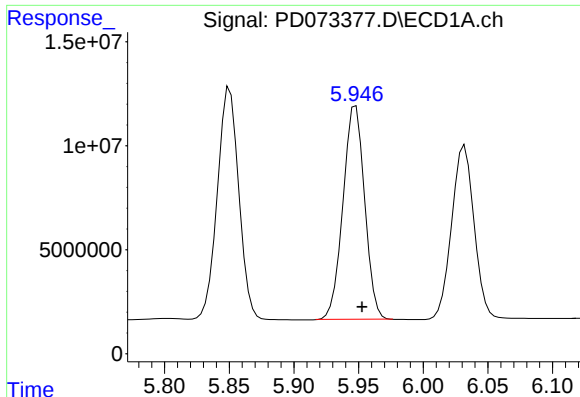
#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.005 min
Response: 121430498
Conc: 53.84 ng/ml



#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.005 min
Response: 1329799354
Conc: 42.56 ng/ml



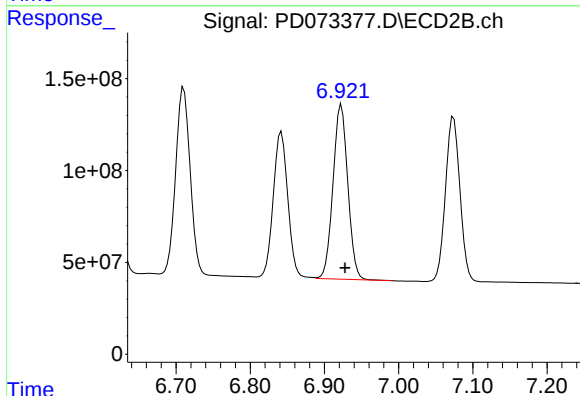
#17 4,4'-DDT

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 119220077
Conc: 53.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

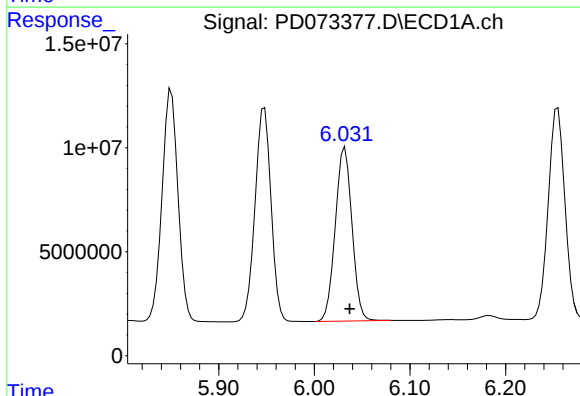
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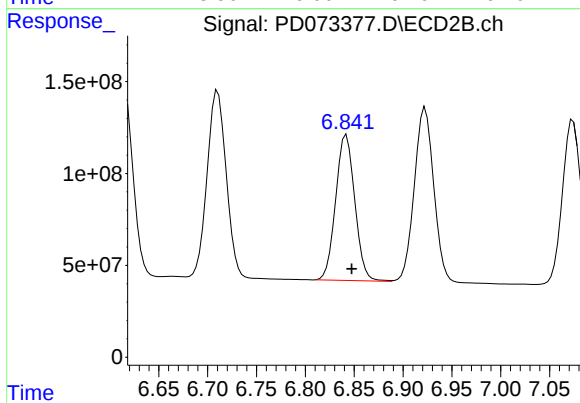
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1319366225
Conc: 43.66 ng/ml



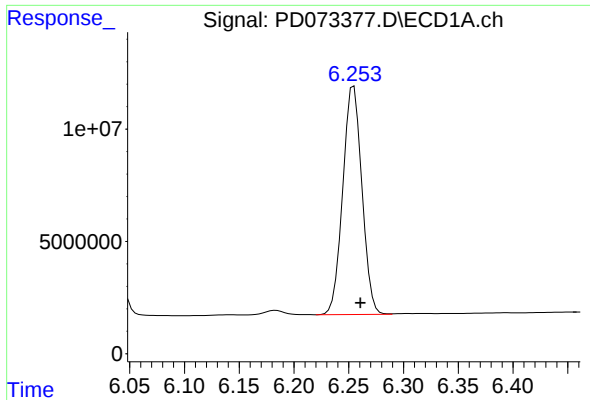
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 101313457
Conc: 53.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 1081952332
Conc: 46.15 ng/ml



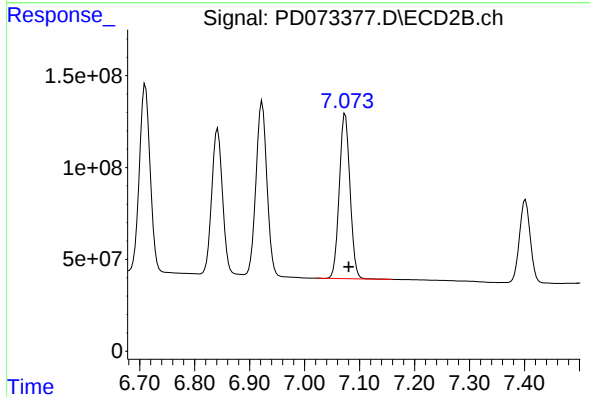
#19 Endosulfan Sulfate

R.T.: 6.255 min
Delta R.T.: -0.006 min
Response: 123576567
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

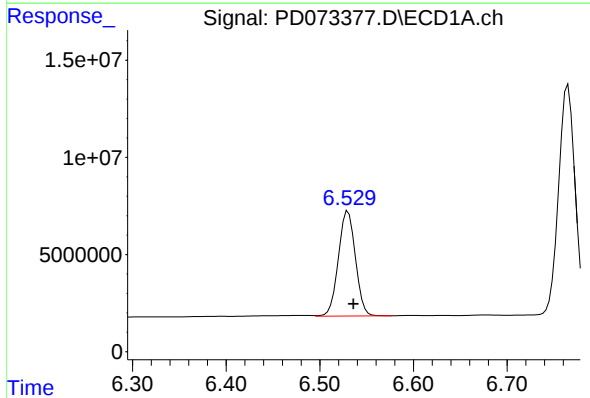
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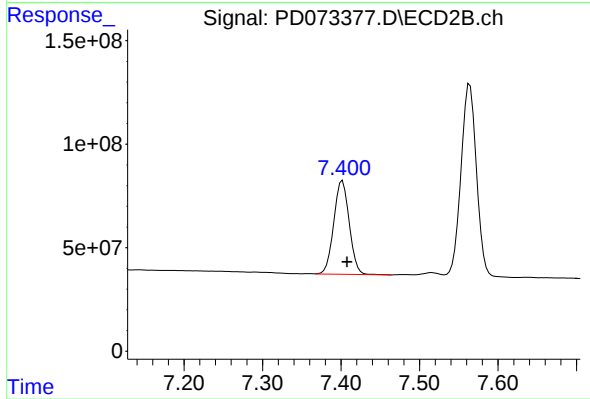
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.006 min
Response: 1218539989
Conc: 44.54 ng/ml



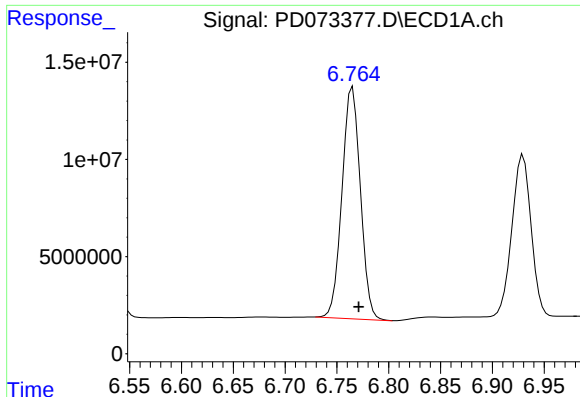
#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 68454917
Conc: 51.36 ng/ml



#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: -0.006 min
Response: 621206050
Conc: 45.89 ng/ml



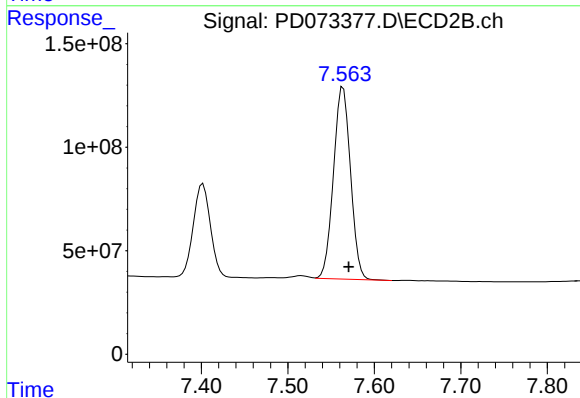
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 147430327
Conc: 54.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

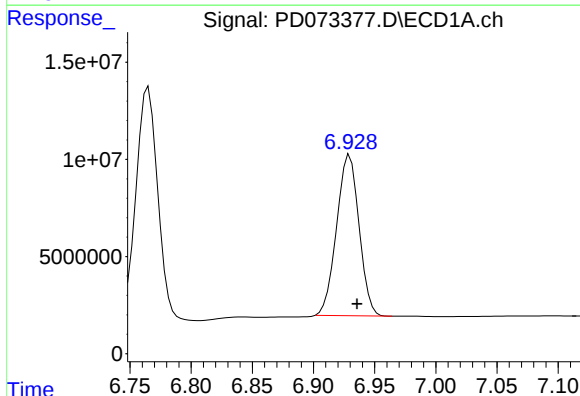
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



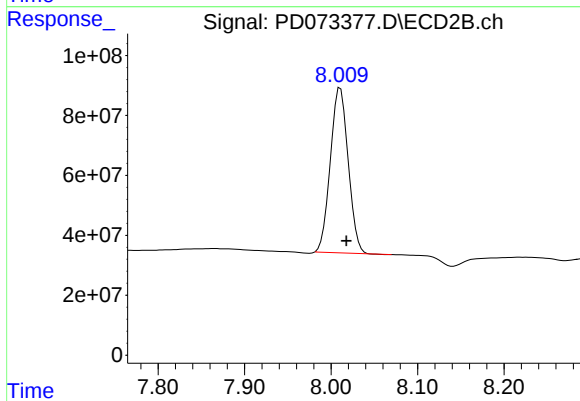
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 1263596990
Conc: 46.02 ng/ml



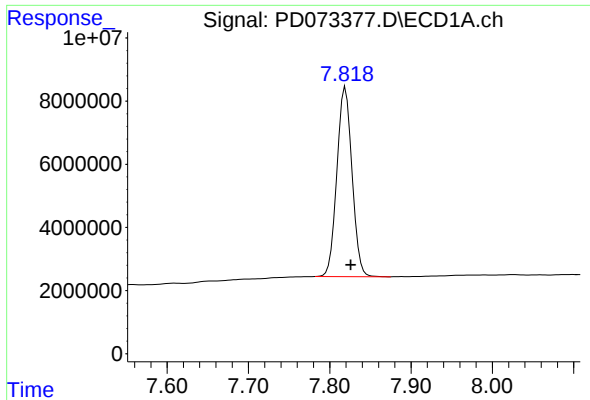
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.006 min
Response: 105684952
Conc: 50.84 ng/ml



#22 Mirex

R.T.: 8.011 min
Delta R.T.: -0.007 min
Response: 785489358
Conc: 44.91 ng/ml



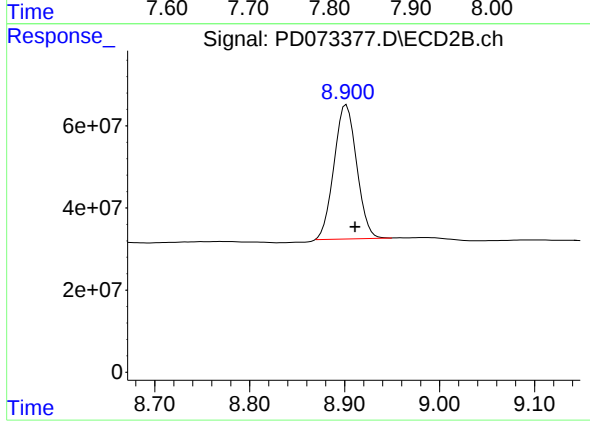
#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: -0.007 min
Response: 77555186
Conc: 32.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.009 min
Response: 542736563
Conc: 30.79 ng/ml