

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
 Data File : PD066072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 14:26
 Operator : AR\AJ
 Sample : M4117-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1(3-3.5)MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/08/2021
 Supervised By : mohammad ahmed 10/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 23:16:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 23 12:18:33 2021
 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...	3.492	4.011	18697236	127.5E6	25.248	22.209
28)	SA Decachlor...	8.230	9.081	23726288	86541521	17.370	22.361 #
Target Compounds							
2)	A alpha-BHC	3.931	4.405	69306007	412.9E6	61.711	49.107
3)	MA gamma-BHC...	4.214	4.692	65732492	392.8E6	58.617	50.838
4)	MA Heptachlor	4.511	5.195	72733629	367.1E6	60.977	50.595
5)	MB Aldrin	4.757	5.499	68584358	346.0E6	61.308m	51.433m
6)	B beta-BHC	4.462	4.868	30730026	170.2E6	53.830	46.062
7)	B delta-BHC	4.667	5.085	62075152	357.6E6	54.910	49.689
8)	B Heptachlo...	5.201	5.890	65982429	262.8E6	58.927	50.860
9)	A Endosulfan I	5.538	6.248	63935791	297.0E6	58.790	53.744
10)	B gamma-Chl...	5.425	6.123	68308484	309.9E6	56.568	51.670
11)	B alpha-Chl...	5.483	6.195	68048742	309.6E6	57.485	51.585
12)	B 4,4'-DDE	5.646	6.354	72567037	327.2E6	66.666	56.725
13)	MA Dieldrin	5.781	6.505	66618756	313.0E6	57.478	53.104
14)	MA Endrin	6.039	6.724	60402707	272.3E6	57.083	55.241
15)	B Endosulfa...	6.311	6.937	57153734	261.6E6	52.905	54.002
16)	A 4,4'-DDD	6.160	6.848	54464308	263.0E6	55.522	53.519
17)	MA 4,4'-DDT	6.400	7.145	60081087	273.1E6	54.584	54.067
18)	B Endrin al...	6.480	7.063	47662625	213.6E6	53.779	54.564
19)	B Endosulfa...	6.691	7.285	59544380	256.8E6	52.169	52.060
20)	A Methoxychlor	6.947	7.605	34713336	140.1E6	50.798	53.227
21)	B Endrin ke...	7.185	7.758	67570336	295.4E6	47.968	51.805
22)	Mirex	7.369	8.206	53950295	194.5E6	44.684	49.268

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100721\
Data File : PD066072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2021 14:26
Operator : AR\AJ
Sample : M4117-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

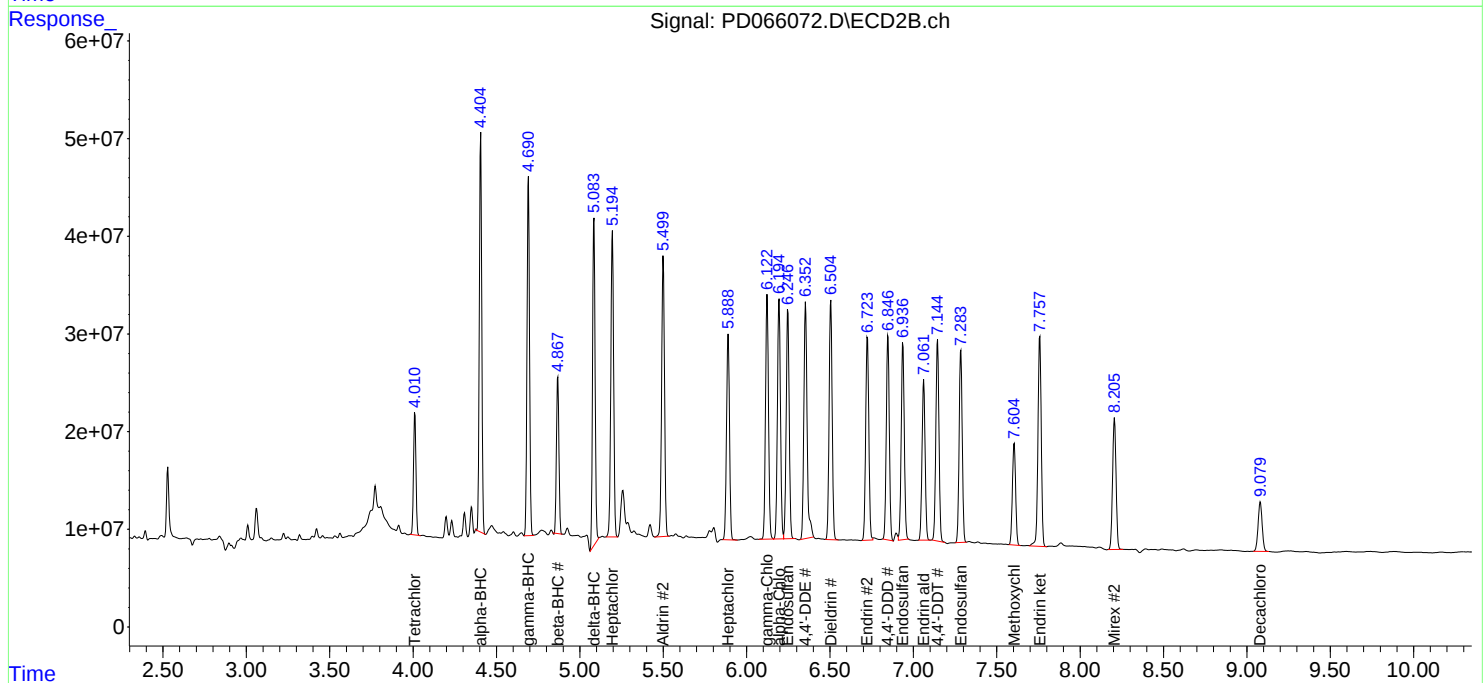
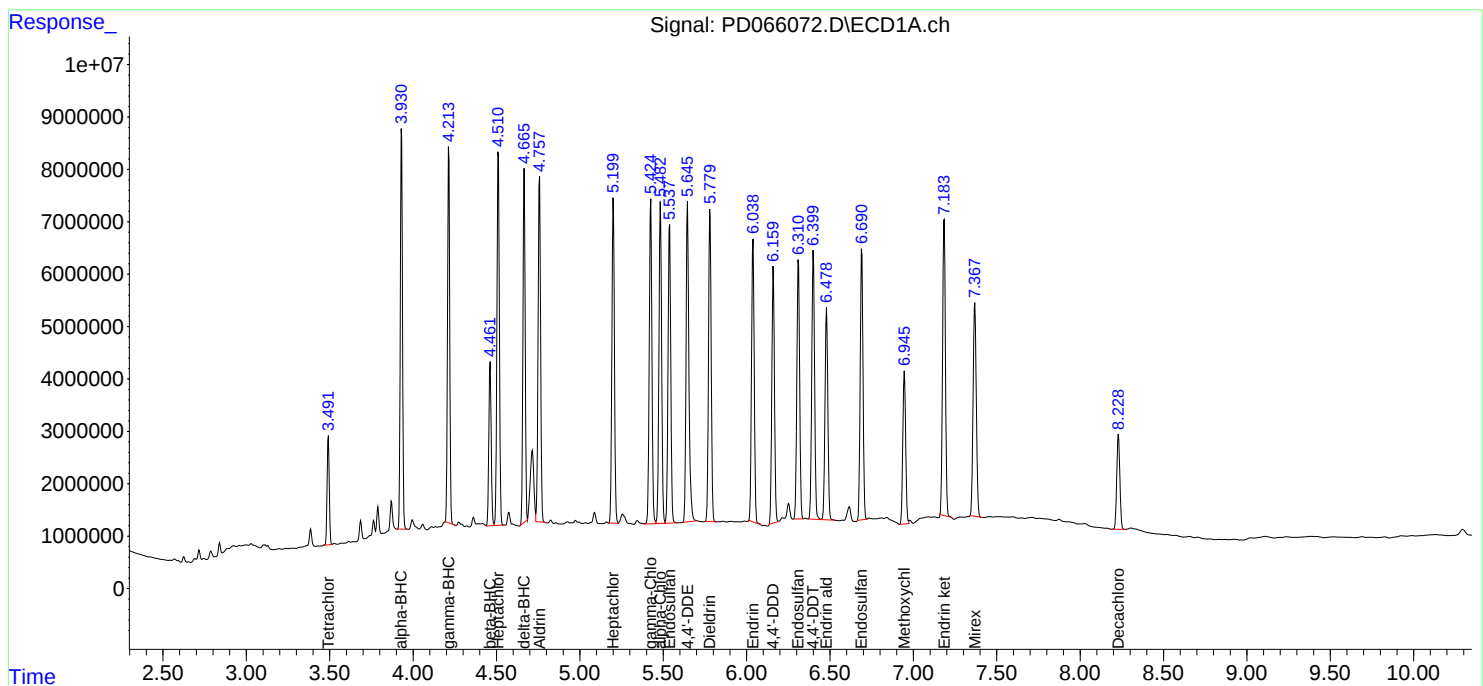
Instrument :
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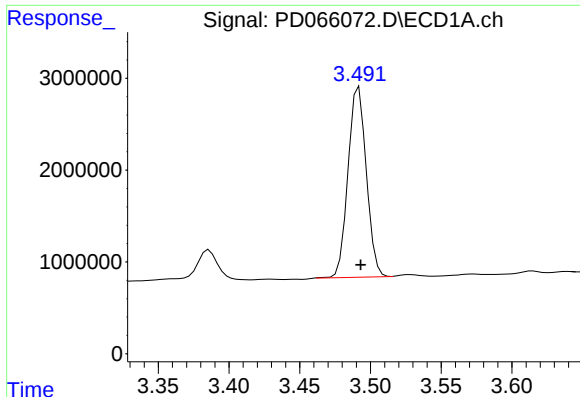
Manual Integrations
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Supervised By :mohammad ahmed 10/10/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 23:16:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092221.M
Quant Title : GC Extractables
QLast Update : Thu Sep 23 12:18:33 2021
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





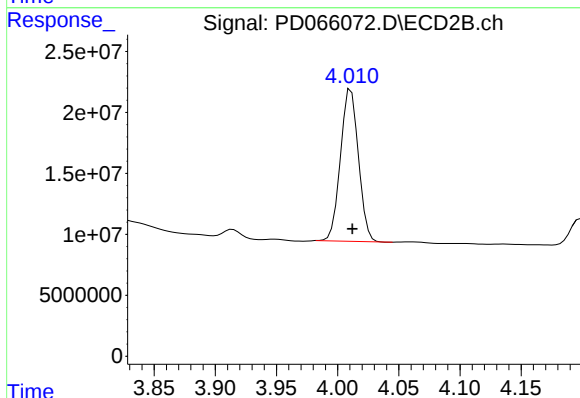
#1 Tetrachloro-m-xylene

R.T.: 3.492 min
Delta R.T.: -0.001 min
Response: 18697236
Conc: 25.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

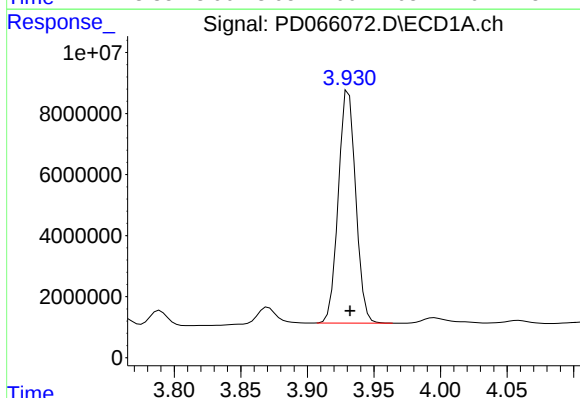
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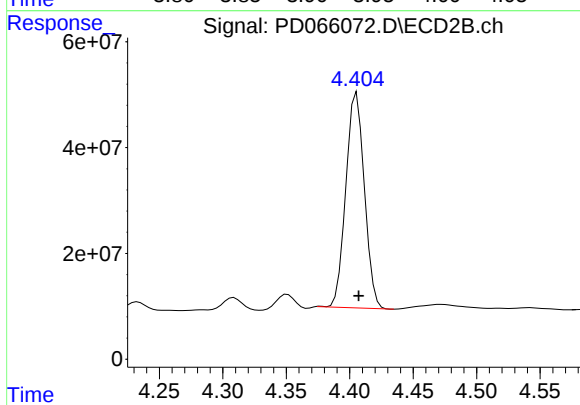
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 127529179
Conc: 22.21 ng/ml



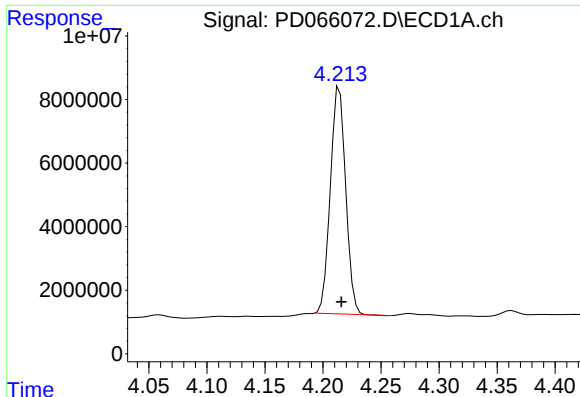
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 69306007
Conc: 61.71 ng/ml



#2 alpha-BHC

R.T.: 4.405 min
Delta R.T.: -0.002 min
Response: 412903724
Conc: 49.11 ng/ml



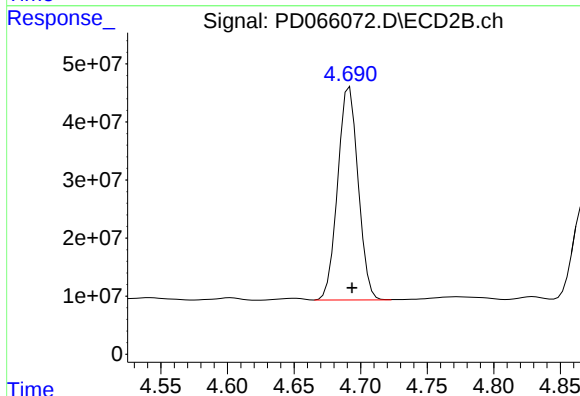
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 65732492
Conc: 58.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

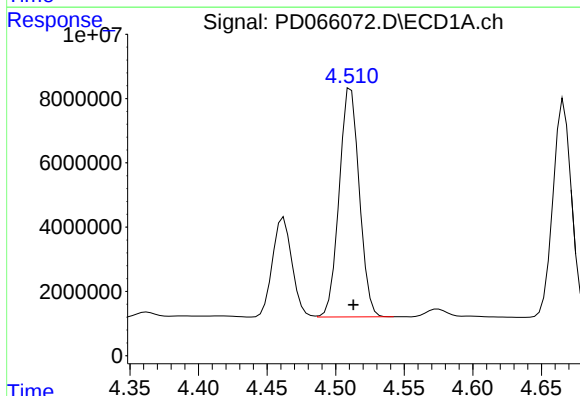
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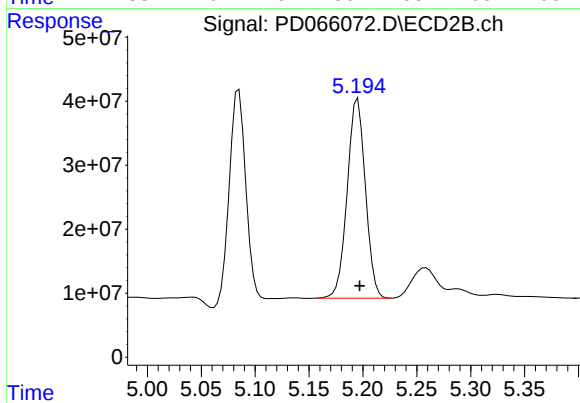
#3 gamma-BHC (Lindane)

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 392766002
Conc: 50.84 ng/ml



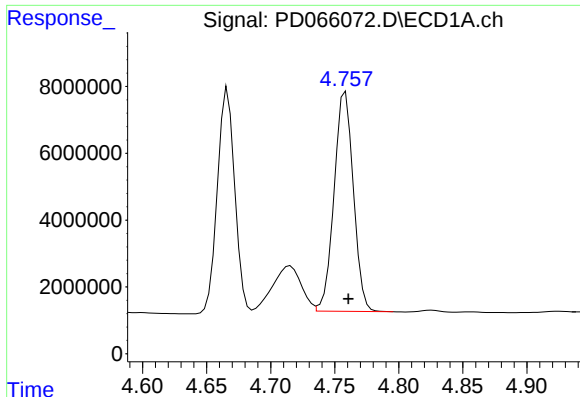
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: -0.002 min
Response: 72733629
Conc: 60.98 ng/ml



#4 Heptachlor

R.T.: 5.195 min
Delta R.T.: -0.002 min
Response: 367102437
Conc: 50.59 ng/ml



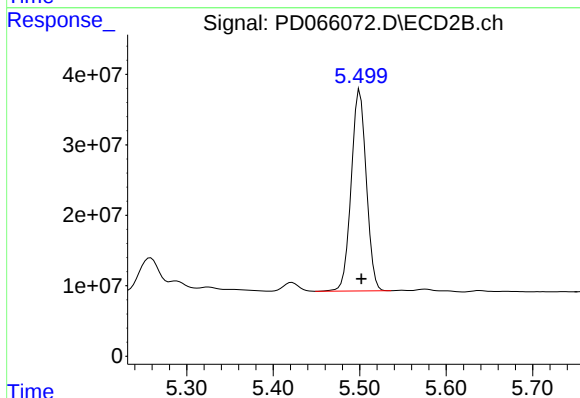
#5 Aldrin

R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 68584358
Conc: 61.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

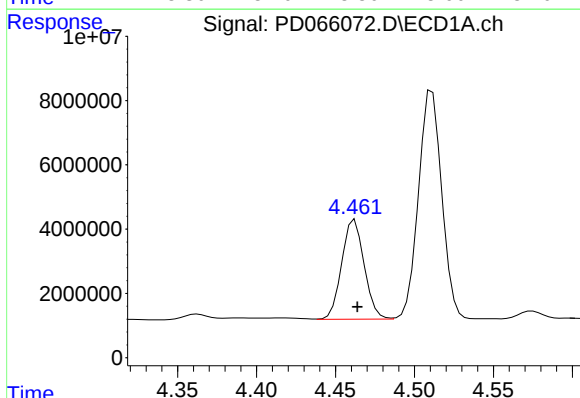
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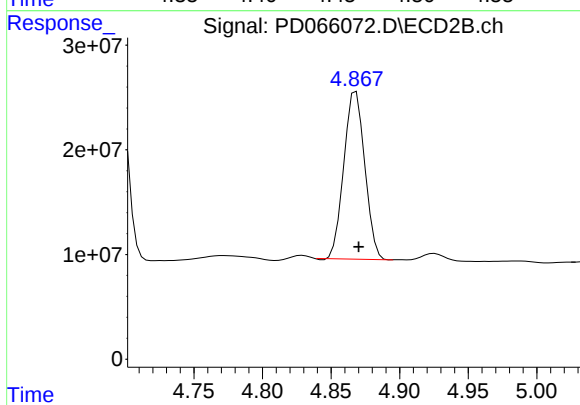
#5 Aldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 346018058
Conc: 51.43 ng/ml m



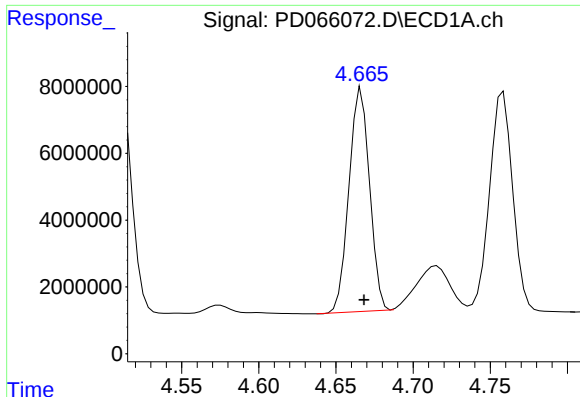
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: -0.002 min
Response: 30730026
Conc: 53.83 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 170237983
Conc: 46.06 ng/ml



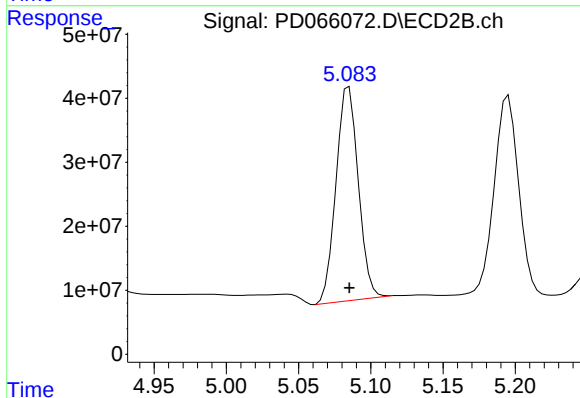
#7 delta-BHC

R.T.: 4.667 min
Delta R.T.: -0.002 min
Response: 62075152
Conc: 54.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

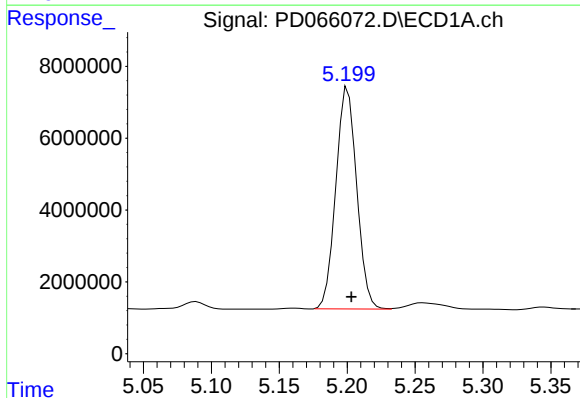
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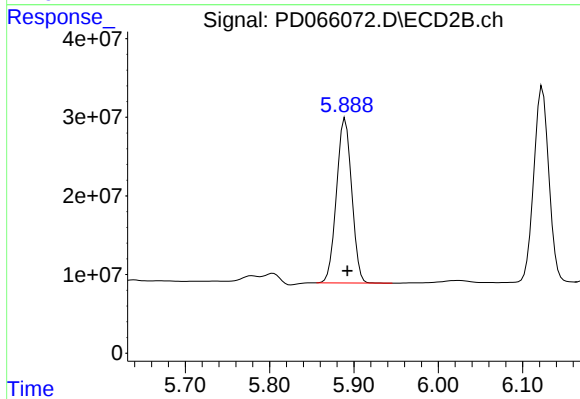
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 357601419
Conc: 49.69 ng/ml



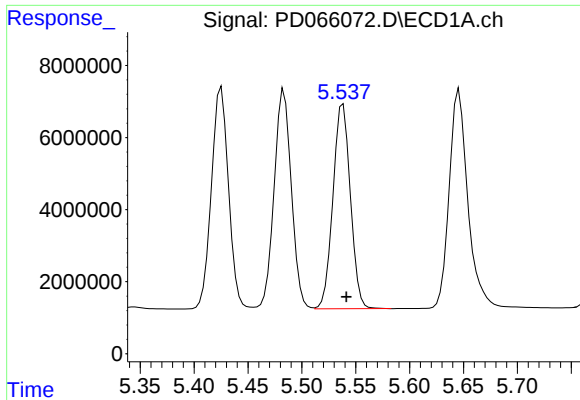
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: -0.003 min
Response: 65982429
Conc: 58.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min
Delta R.T.: -0.003 min
Response: 262838421
Conc: 50.86 ng/ml



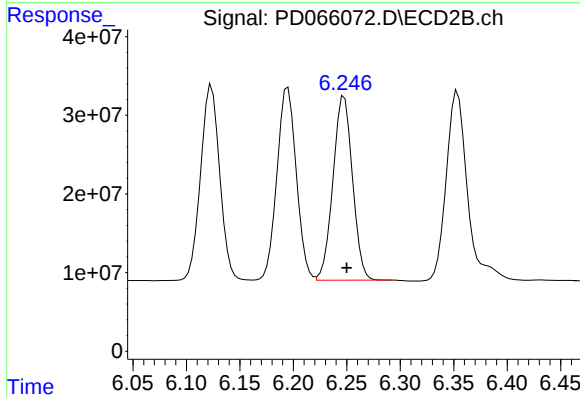
#9 Endosulfan I

R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 63935791
Conc: 58.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

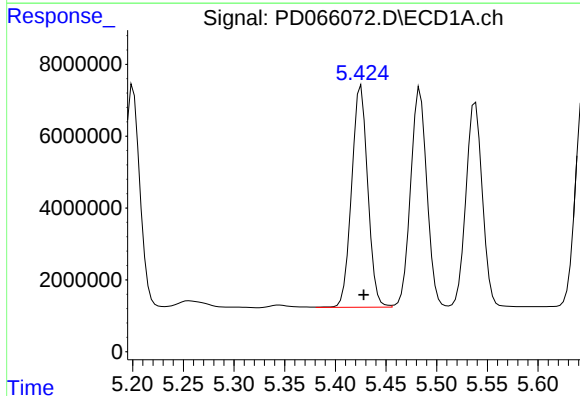
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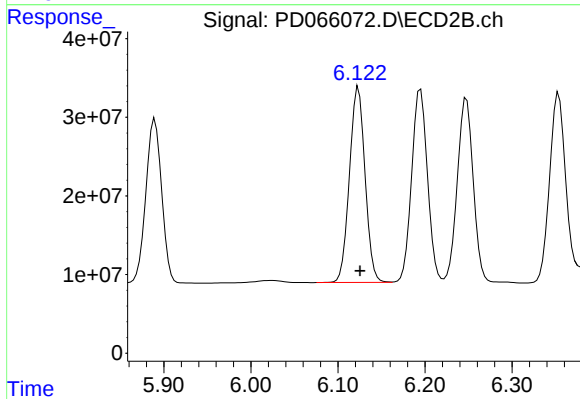
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 297046811
Conc: 53.74 ng/ml



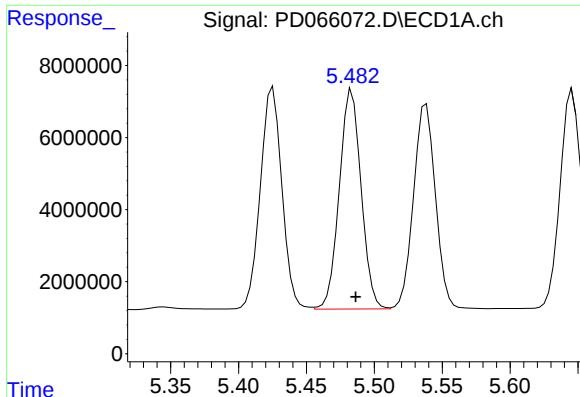
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 68308484
Conc: 56.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 309900076
Conc: 51.67 ng/ml



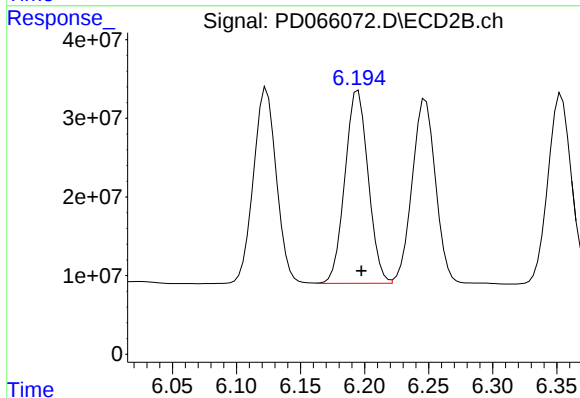
#11 alpha-Chlordane

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 68048742
Conc: 57.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
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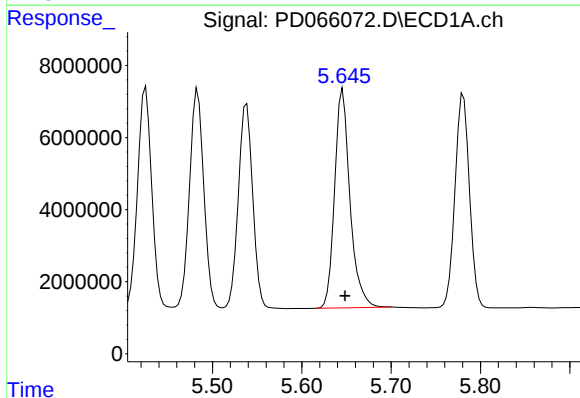
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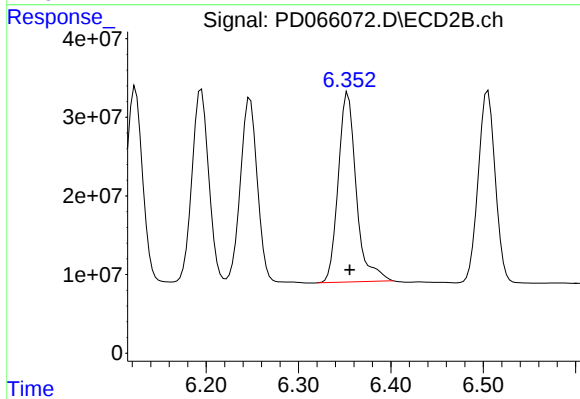
#11 alpha-Chlordane

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 309615710
Conc: 51.58 ng/ml



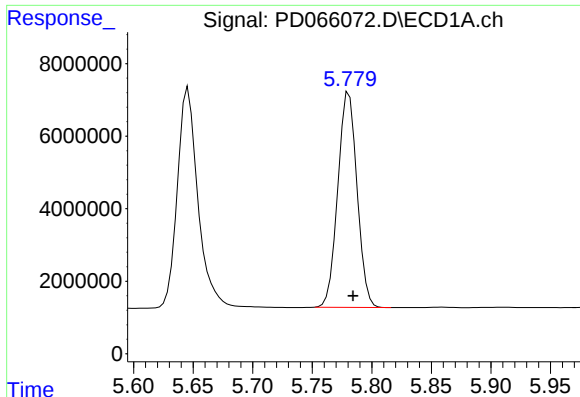
#12 4,4'-DDE

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 72567037
Conc: 66.67 ng/ml



#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 327160028
Conc: 56.73 ng/ml



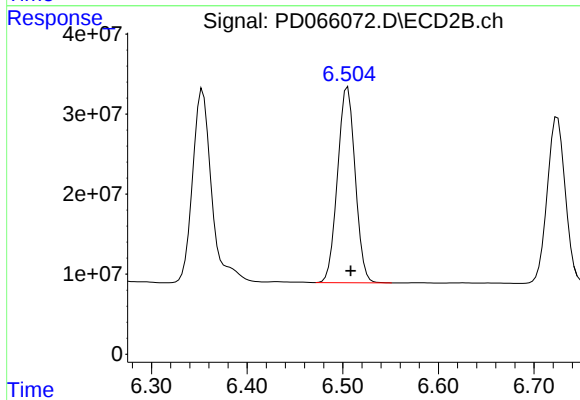
#13 Dieldrin

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 66618756
Conc: 57.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

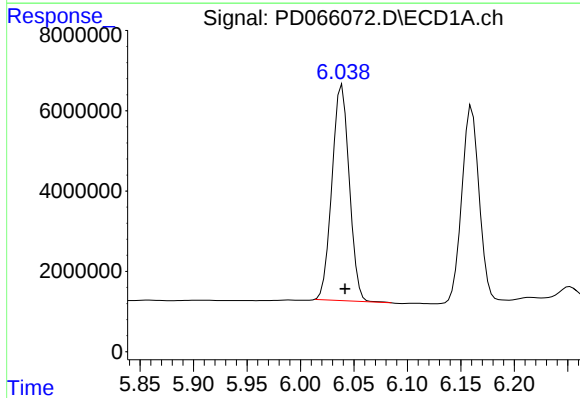
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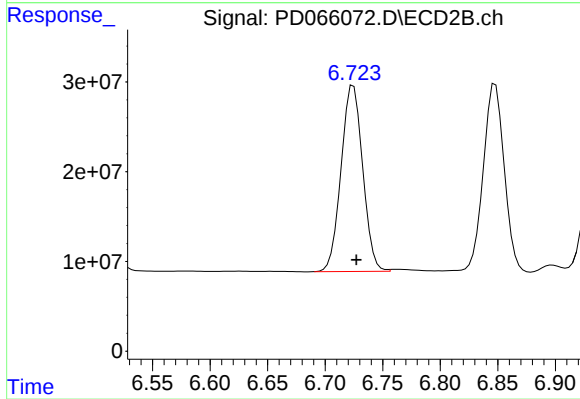
#13 Dieldrin

R.T.: 6.505 min
Delta R.T.: -0.003 min
Response: 312951477
Conc: 53.10 ng/ml



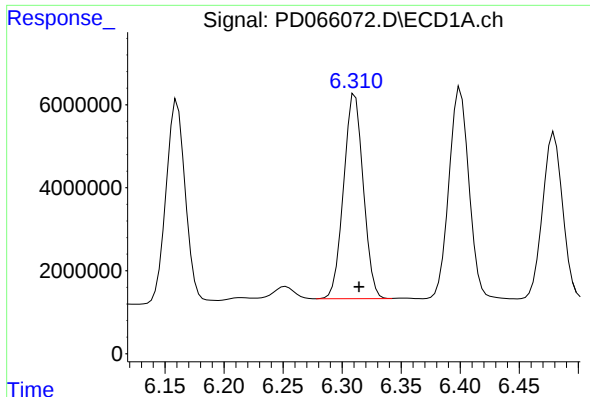
#14 Endrin

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 60402707
Conc: 57.08 ng/ml



#14 Endrin

R.T.: 6.724 min
Delta R.T.: -0.003 min
Response: 272344777
Conc: 55.24 ng/ml



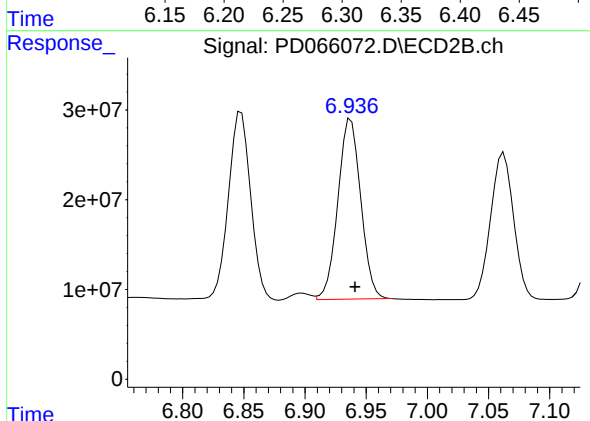
#15 Endosulfan II

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 57153734
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

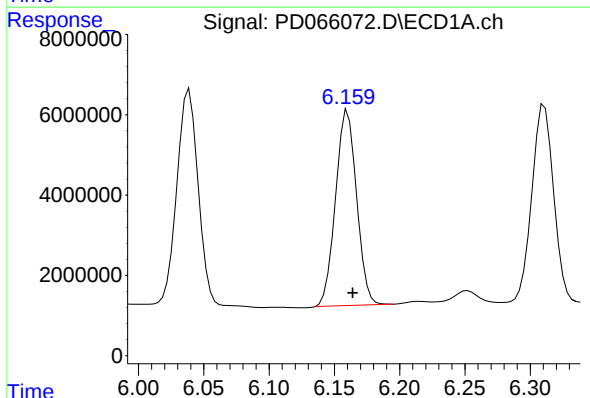
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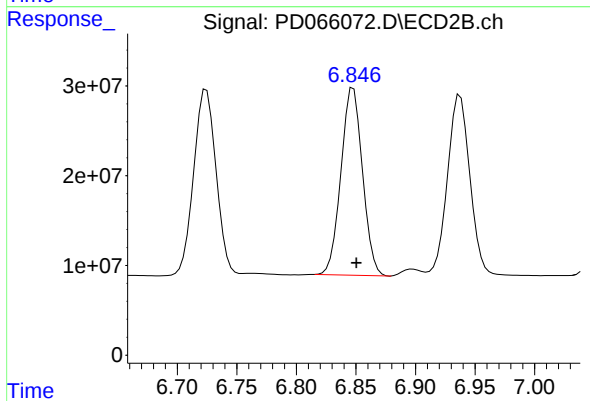
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 261578047
Conc: 54.00 ng/ml



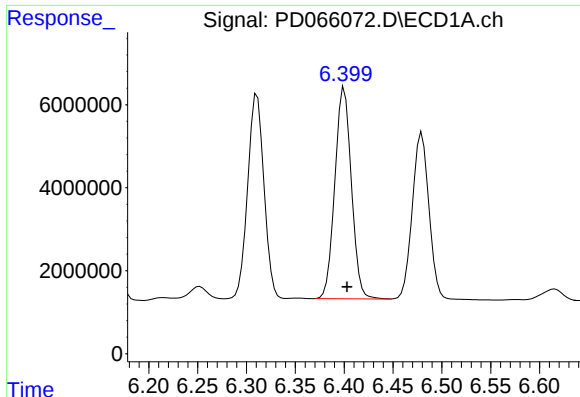
#16 4,4'-DDD

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 54464308
Conc: 55.52 ng/ml



#16 4,4'-DDD

R.T.: 6.848 min
Delta R.T.: -0.003 min
Response: 263020845
Conc: 53.52 ng/ml



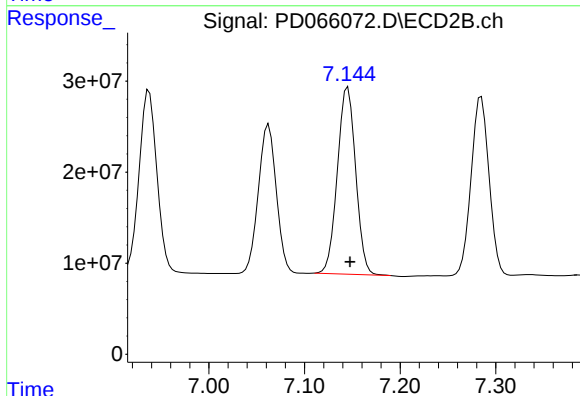
#17 4,4'-DDT

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 60081087
Conc: 54.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

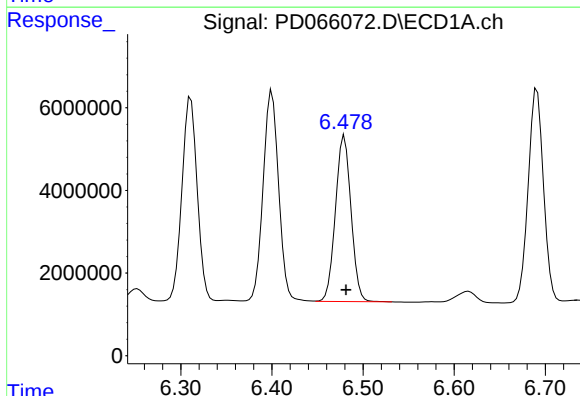
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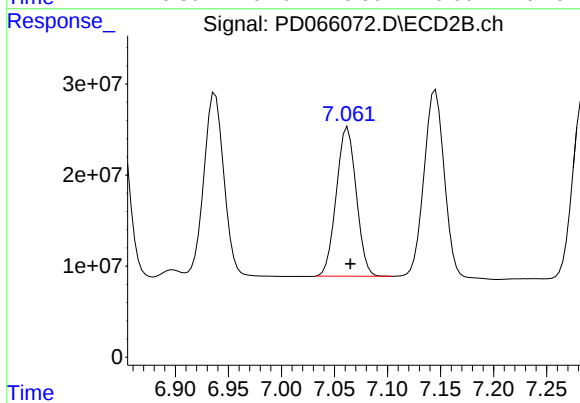
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 273111295
Conc: 54.07 ng/ml



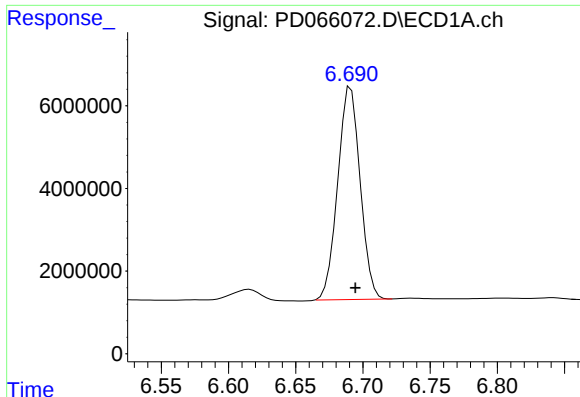
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 47662625
Conc: 53.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 213617267
Conc: 54.56 ng/ml



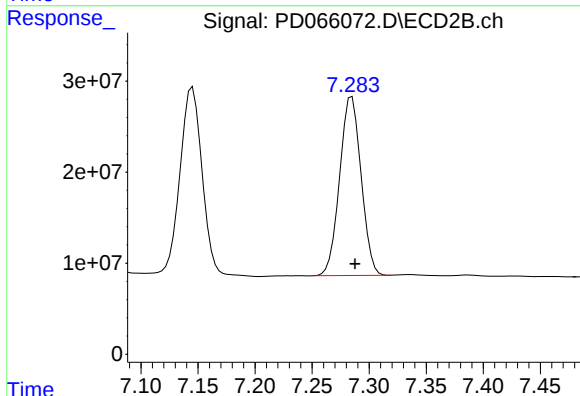
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 59544380
Conc: 52.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

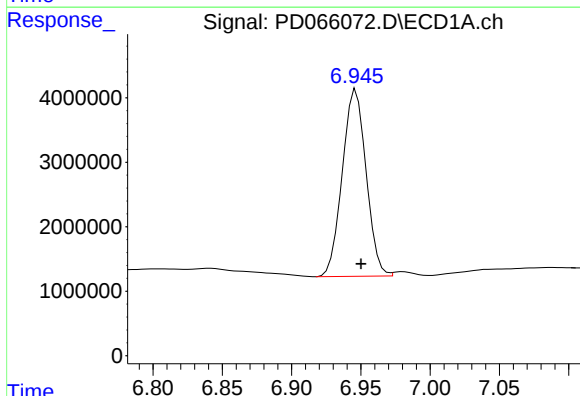
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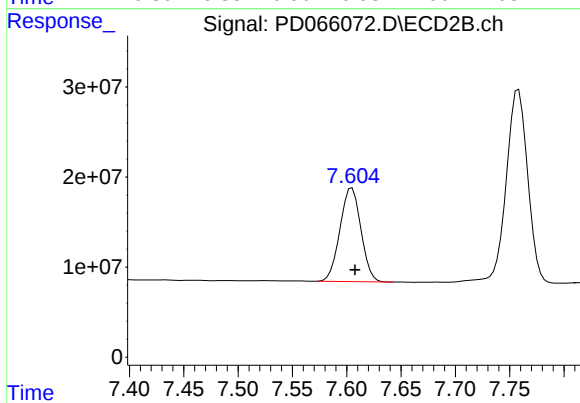
#19 Endosulfan Sulfate

R.T.: 7.285 min
Delta R.T.: -0.003 min
Response: 256776471
Conc: 52.06 ng/ml



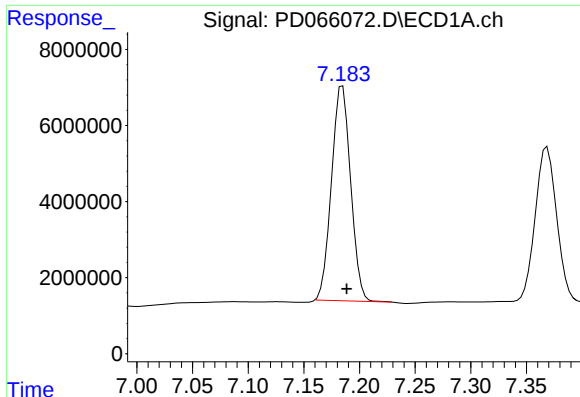
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: -0.004 min
Response: 34713336
Conc: 50.80 ng/ml



#20 Methoxychlor

R.T.: 7.605 min
Delta R.T.: -0.003 min
Response: 140074037
Conc: 53.23 ng/ml



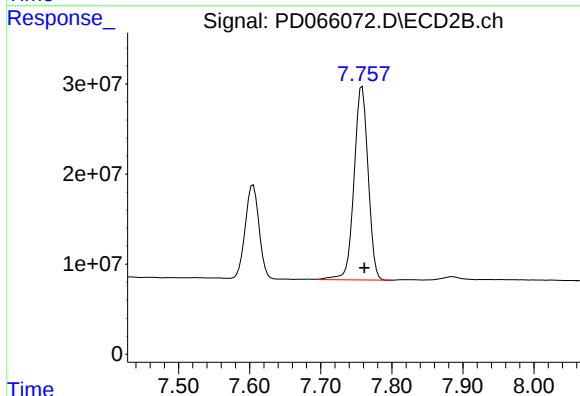
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: -0.004 min
Response: 67570336
Conc: 47.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

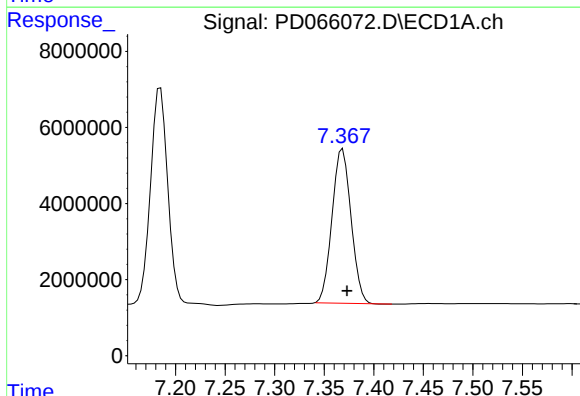
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2021
Supervised By :mohammad ahmed 10/10/2021



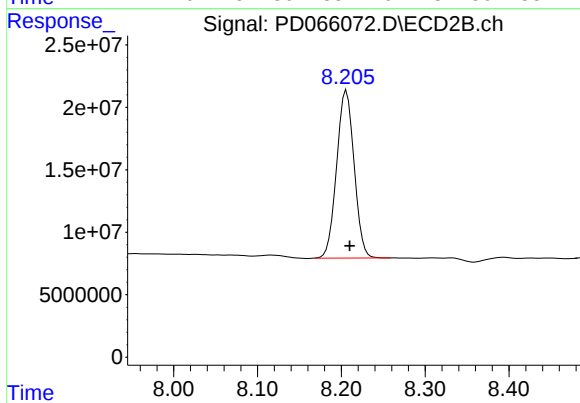
#21 Endrin ketone

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 295437768
Conc: 51.80 ng/ml



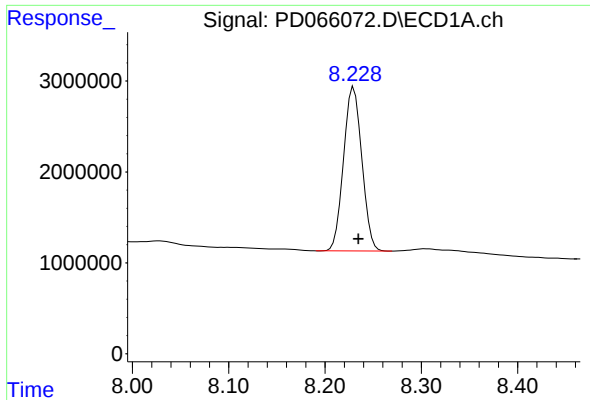
#22 Mirex

R.T.: 7.369 min
Delta R.T.: -0.004 min
Response: 53950295
Conc: 44.68 ng/ml



#22 Mirex

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 194540422
Conc: 49.27 ng/ml



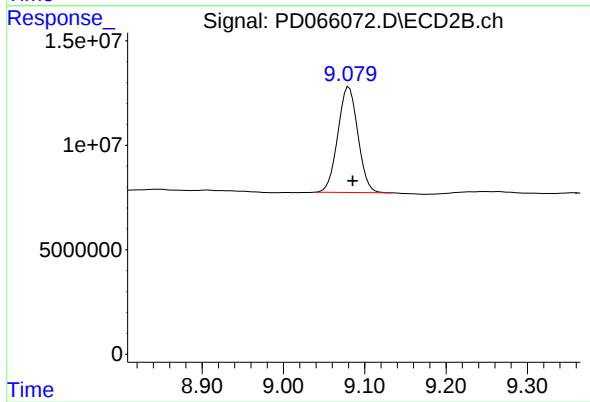
#28 Decachlorobiphenyl

R.T.: 8.230 min
Delta R.T.: -0.005 min
Response: 23726288
Conc: 17.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1(3-3.5)MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/08/2021
Supervised By :mohammad ahmed 10/10/2021



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: -0.004 min
Response: 86541521
Conc: 22.36 ng/ml