

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 21:40
 Operator : AR\AJ
 Sample : N6051-02MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SP-591MS

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 06:40:52 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	3.455	39894673	1537.0E6	19.035	15.628
28)	SA Decachlor...	7.824	8.908	27076612	231.7E6	11.183	13.146
Target Compounds							
2)	A alpha-BHC	3.196	3.919	149.2E6	5062.3E6	43.126	37.875
3)	MA gamma-BHC...	3.526	4.253	125.3E6	3690.4E6	45.581	37.401
4)	MA Heptachlor	3.858	4.819	143.4E6	2770.1E6	45.832	43.470
5)	MB Aldrin	4.137	5.158	141.6E6	2517.5E6	45.693	45.691
6)	B beta-BHC	3.828	4.469	49772429	1216.8E6	39.194	35.911
7)	B delta-BHC	4.058	4.712	132.6E6	2918.2E6	42.120	43.980
8)	B Heptachlo...	4.642	5.590	126.7E6	2178.0E6	45.726	48.856
9)	A Endosulfan I	5.011	5.975	114.2E6	2024.9E6	43.135	48.774
10)	B gamma-Chl...	4.889	5.842	131.8E6	2161.8E6	46.181m	48.362m
11)	B alpha-Chl...	4.954	5.919	128.0E6	2117.0E6	45.447	48.377
12)	B 4,4'-DDE	5.142	6.093	119.8E6	2073.9E6	44.258	49.074
13)	MA Dieldrin	5.277	6.252	133.4E6	2142.5E6	47.258	50.999
14)	MA Endrin	5.554	6.484	121.3E6	1745.7E6	47.233	53.136
15)	B Endosulfa...	5.851	6.713	111.7E6	1649.9E6	47.274m	51.939
16)	A 4,4'-DDD	5.700	6.618	101.2E6	1551.6E6	44.887	49.662
17)	MA 4,4'-DDT	5.950	6.926	100.9E6	1500.3E6	45.536	49.648
18)	B Endrin al...	6.034	6.845	81519954	1162.9E6	43.308	49.604
19)	B Endosulfa...	6.257	7.078	104.8E6	1351.4E6	44.102	49.392
20)	A Methoxychlor	6.533	7.406	61951018	724.3E6	46.481	53.511
21)	B Endrin ke...	6.768	7.567	120.7E6	1368.5E6	44.416	49.842
22)	Mirex	6.932	8.015	86629389	808.1E6	41.676	46.205

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
Data File : PD073479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Dec 2022 21:40
Operator : AR\AJ
Sample : N6051-02MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

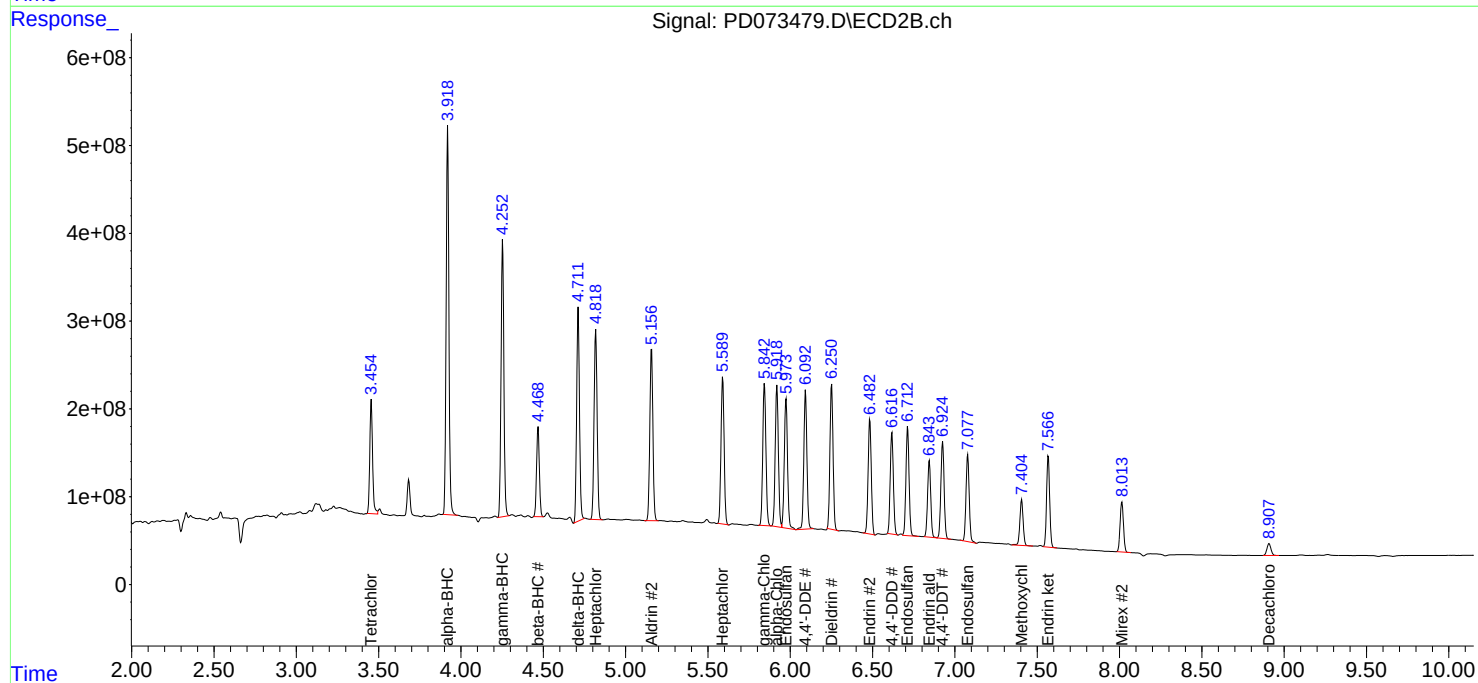
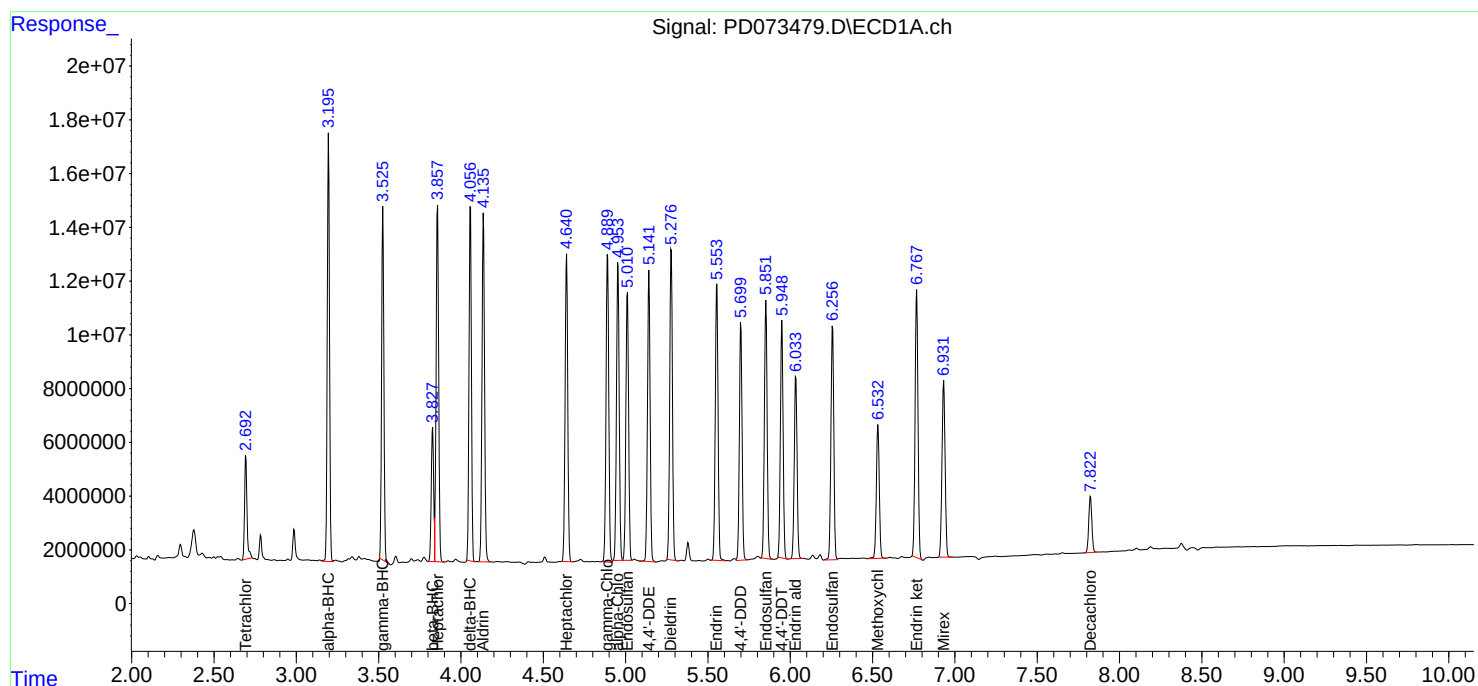
Instrument :
ECD_D
ClientSampleId :
SP-591MS

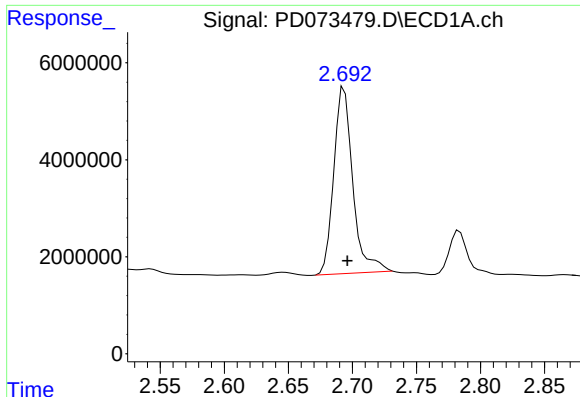
Manual Integrations
APPROVED

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 06:40:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractions
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





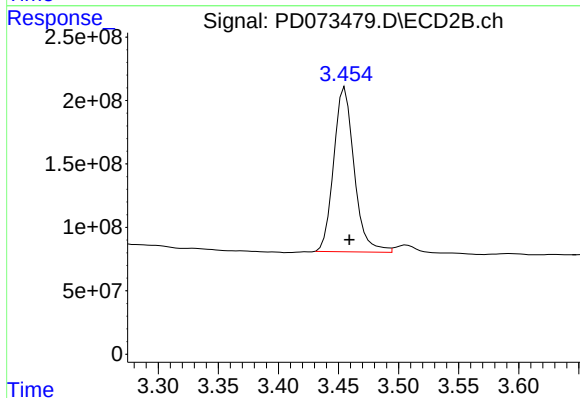
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 39894673
Conc: 19.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

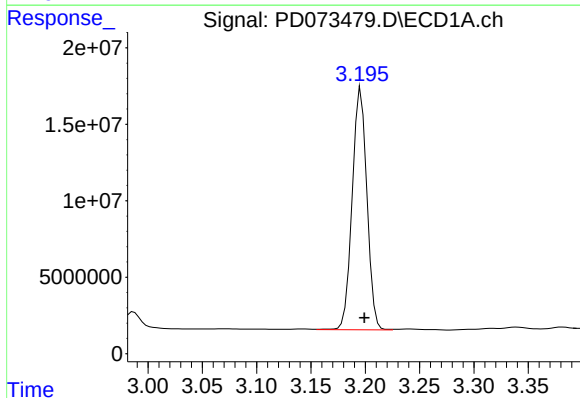
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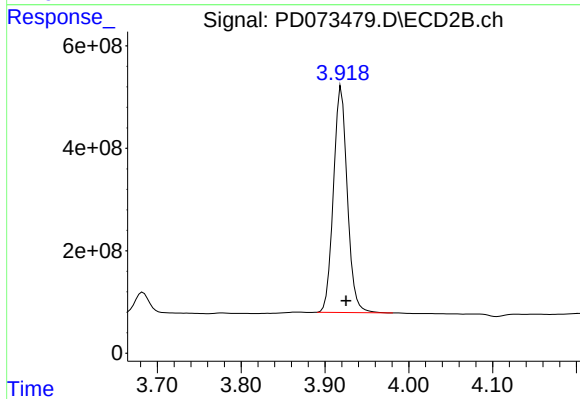
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 1536998946
Conc: 15.63 ng/ml



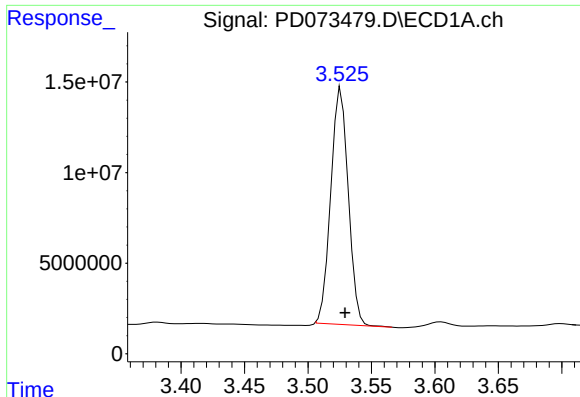
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 149168639
Conc: 43.13 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 5062277402
Conc: 37.87 ng/ml



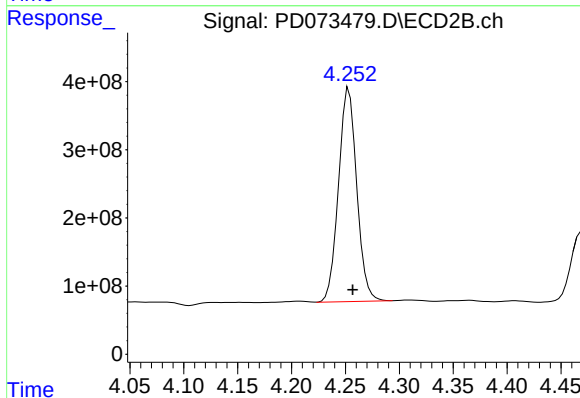
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: -0.003 min
Response: 125334204
Conc: 45.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

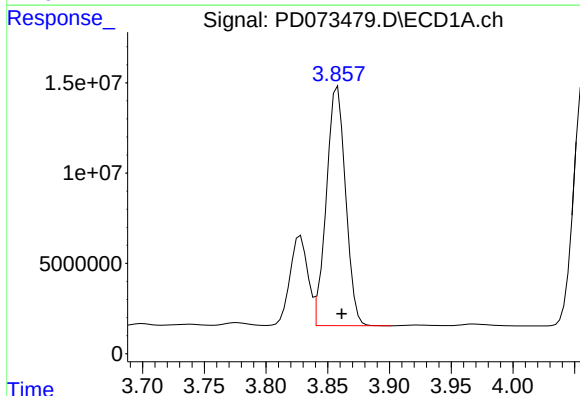
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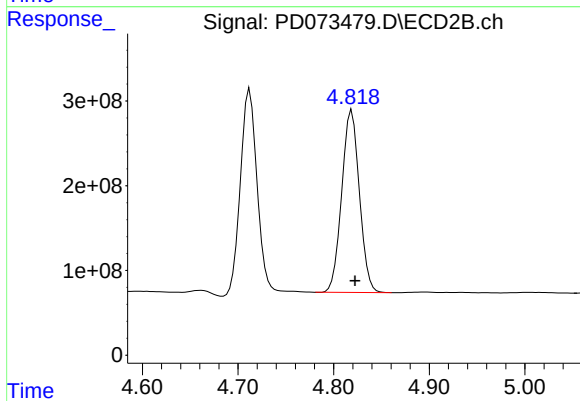
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 3690364410
Conc: 37.40 ng/ml



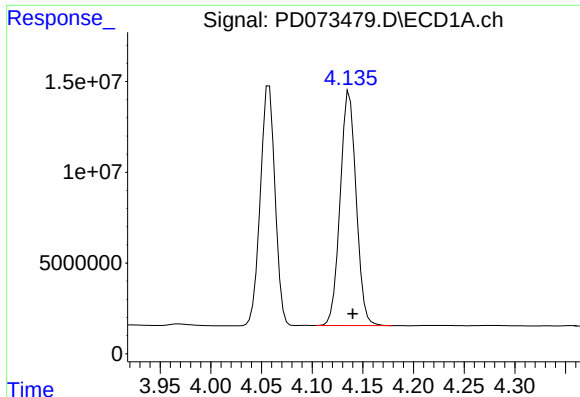
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 143374388
Conc: 45.83 ng/ml



#4 Heptachlor

R.T.: 4.819 min
Delta R.T.: -0.003 min
Response: 2770137674
Conc: 43.47 ng/ml



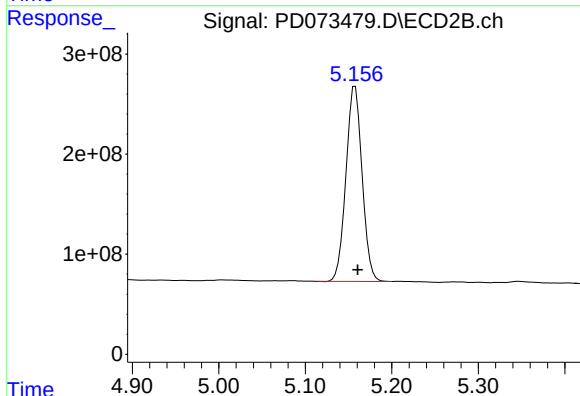
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 141562359
Conc: 45.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

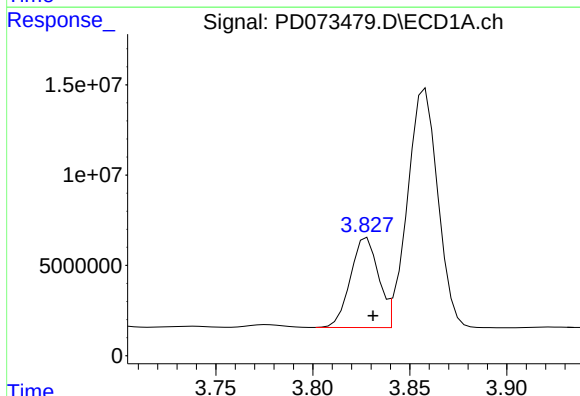
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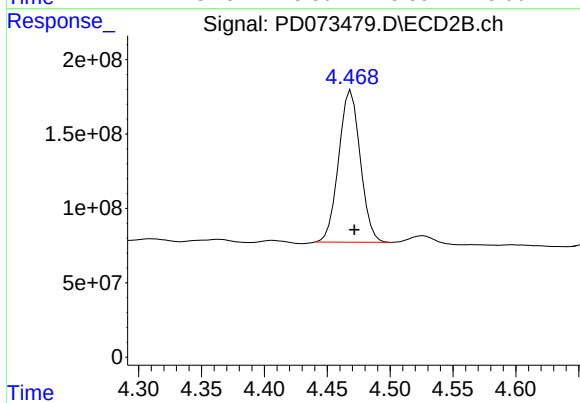
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 2517536024
Conc: 45.69 ng/ml



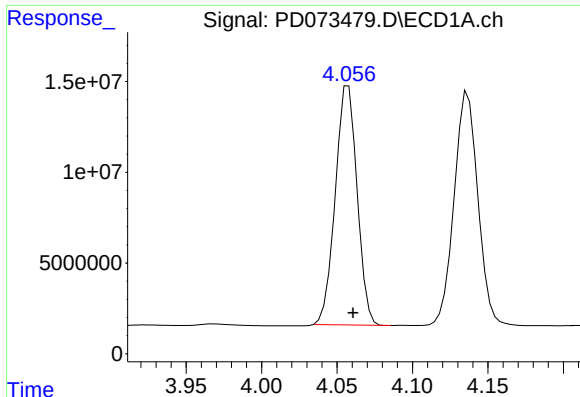
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 49772429
Conc: 39.19 ng/ml



#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 1216844060
Conc: 35.91 ng/ml



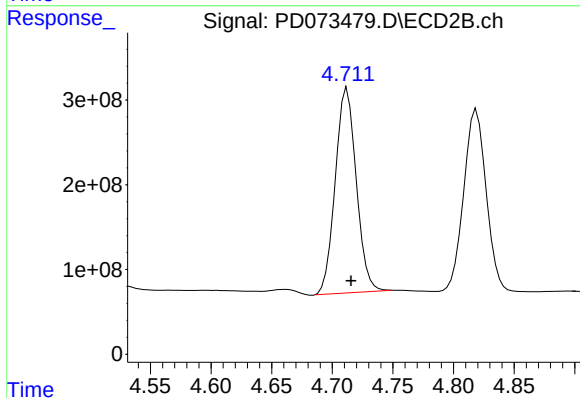
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.003 min
Response: 132613620
Conc: 42.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

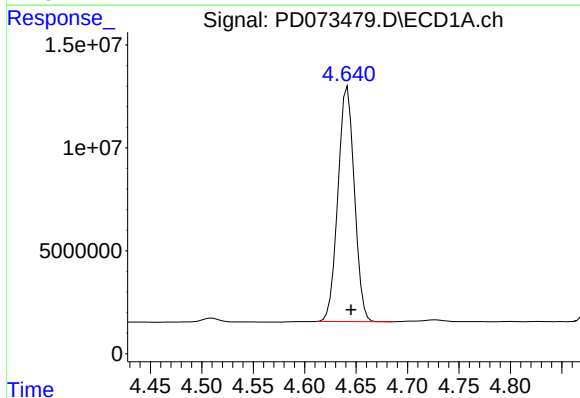
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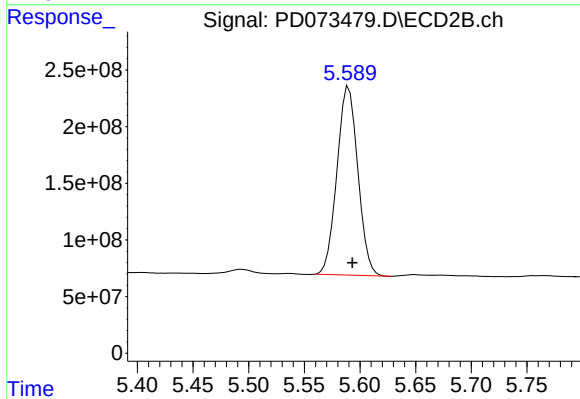
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.003 min
Response: 2918237851
Conc: 43.98 ng/ml



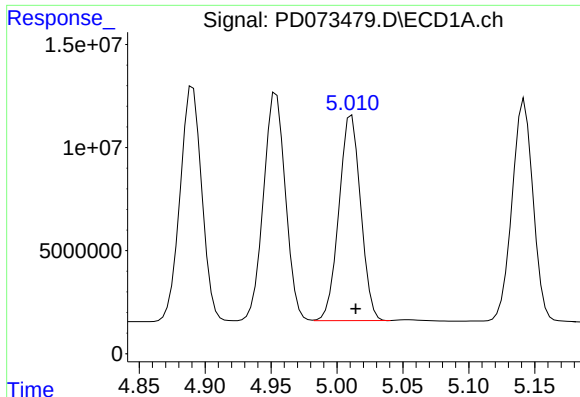
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 126734861
Conc: 45.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 2177978277
Conc: 48.86 ng/ml



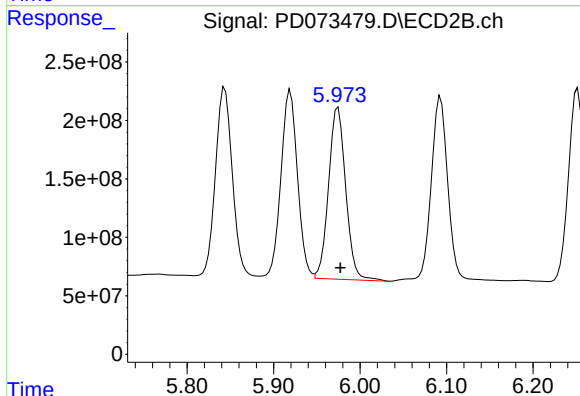
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 114159984
Conc: 43.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

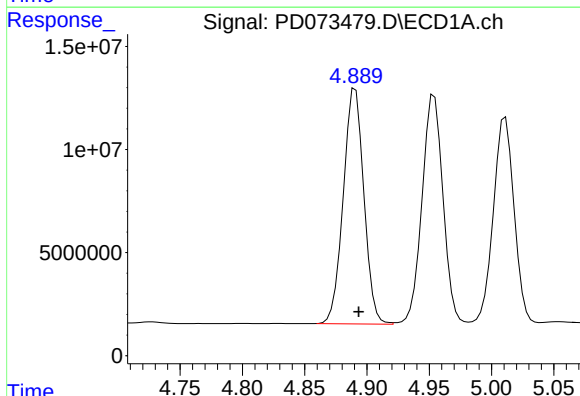
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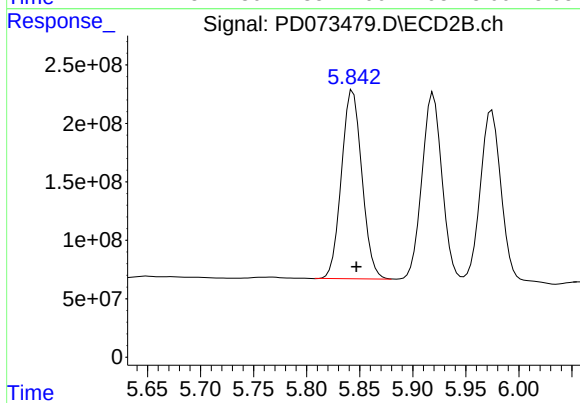
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.003 min
Response: 2024915015
Conc: 48.77 ng/ml



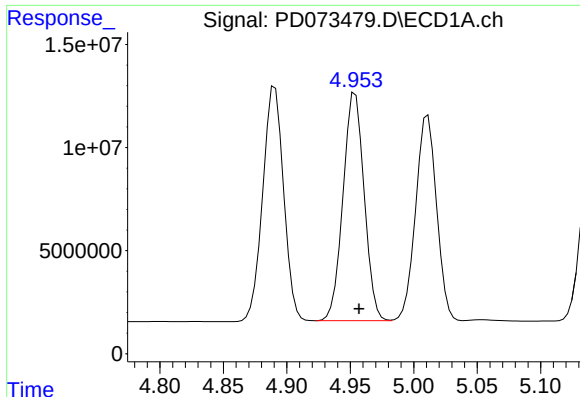
#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.004 min
Response: 131769998
Conc: 46.18 ng/ml m



#10 gamma-Chlordane

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 2161767068
Conc: 48.36 ng/ml m



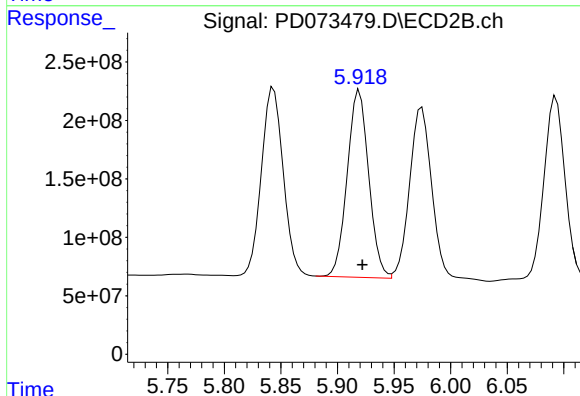
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 128035681
Conc: 45.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

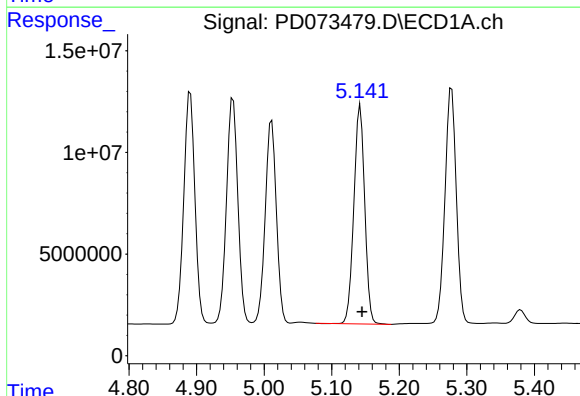
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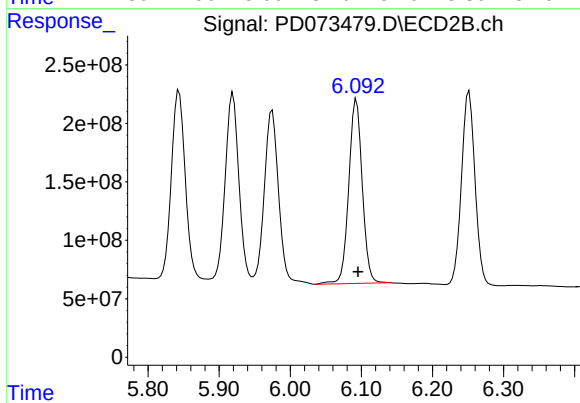
#11 alpha-Chlordane

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 2117047307
Conc: 48.38 ng/ml



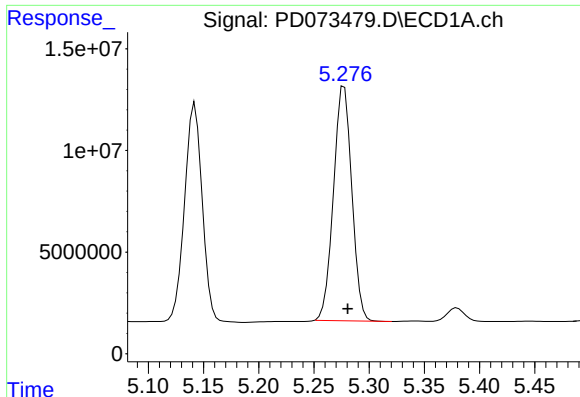
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 119841071
Conc: 44.26 ng/ml



#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2073939421
Conc: 49.07 ng/ml



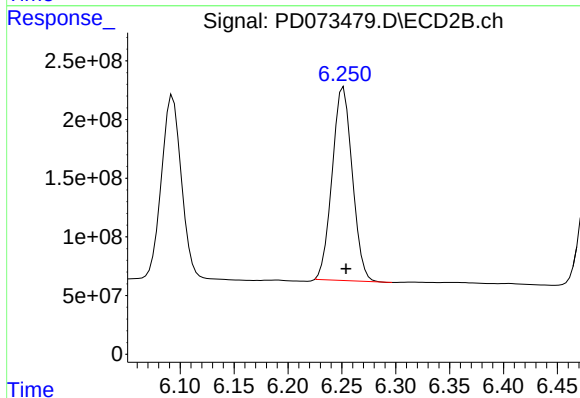
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 133360798
Conc: 47.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

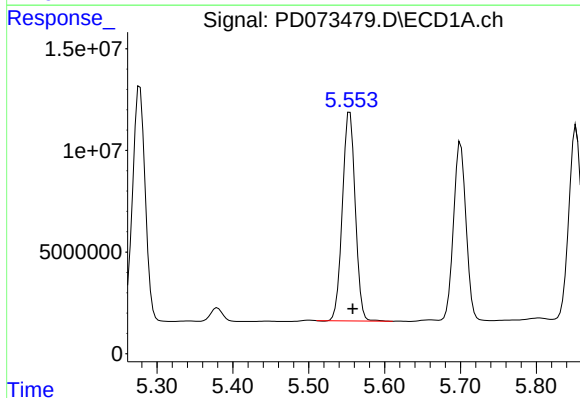
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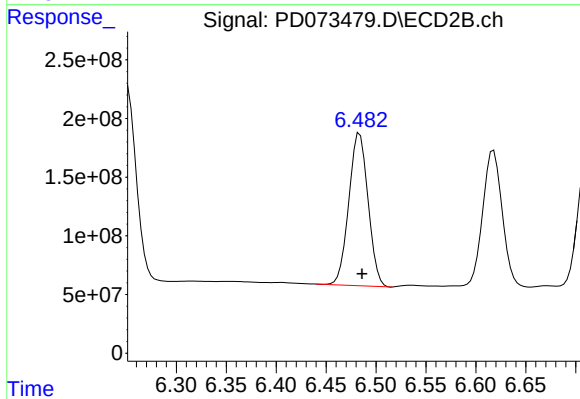
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 2142451531
Conc: 51.00 ng/ml



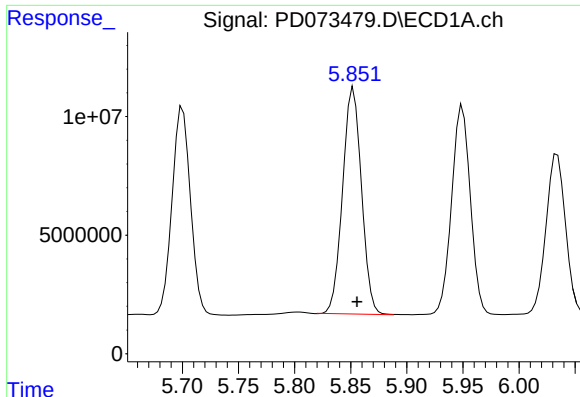
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 121278034
Conc: 47.23 ng/ml



#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 1745695583
Conc: 53.14 ng/ml



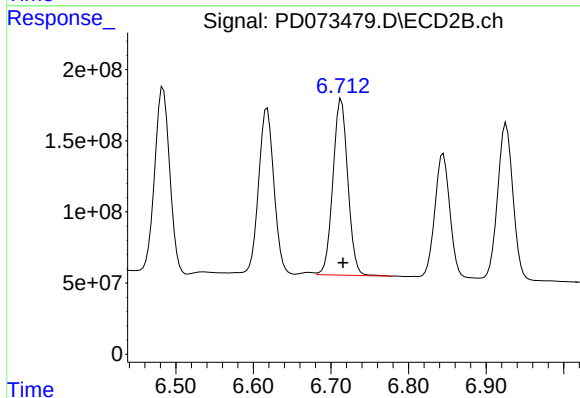
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 111691453
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

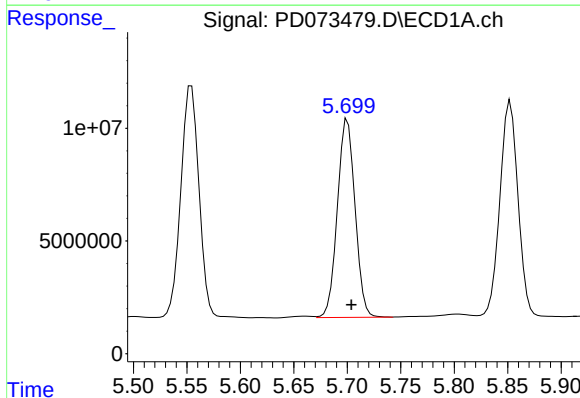
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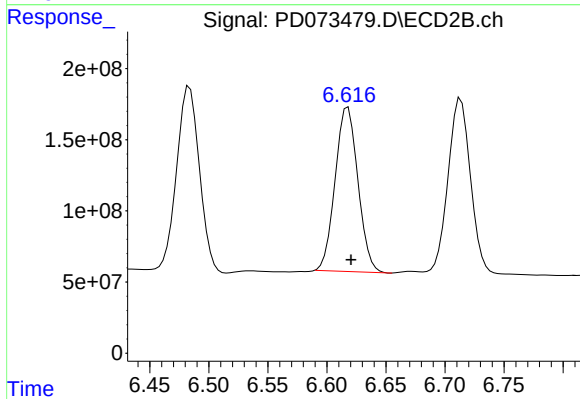
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 1649944632
Conc: 51.94 ng/ml



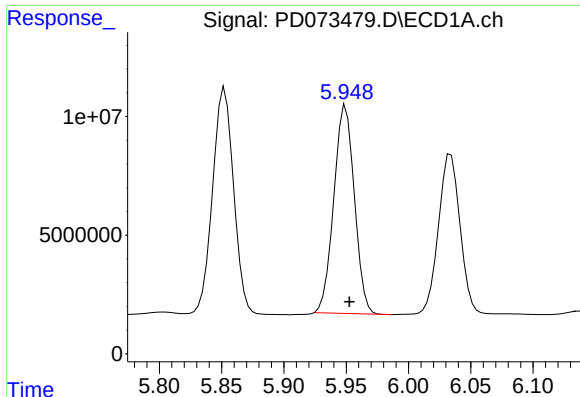
#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 101240625
Conc: 44.89 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 1551594322
Conc: 49.66 ng/ml



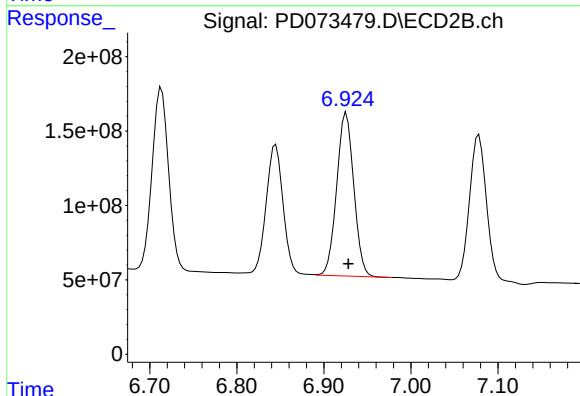
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 100870422
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

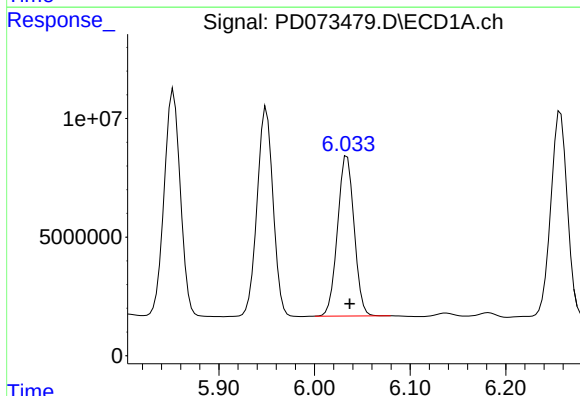
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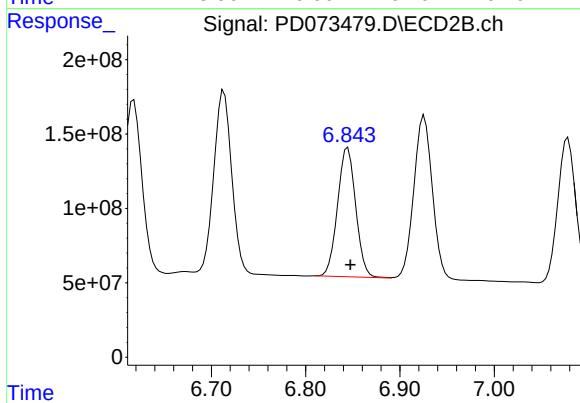
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1500322440
Conc: 49.65 ng/ml



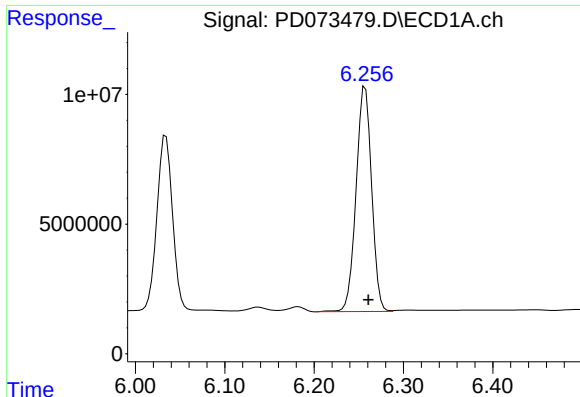
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 81519954
Conc: 43.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 1162876677
Conc: 49.60 ng/ml



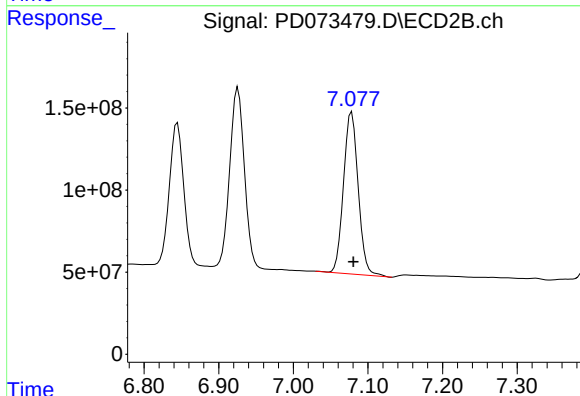
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 104823937
Conc: 44.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

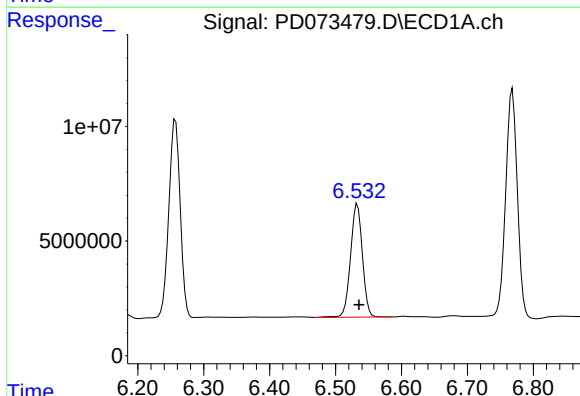
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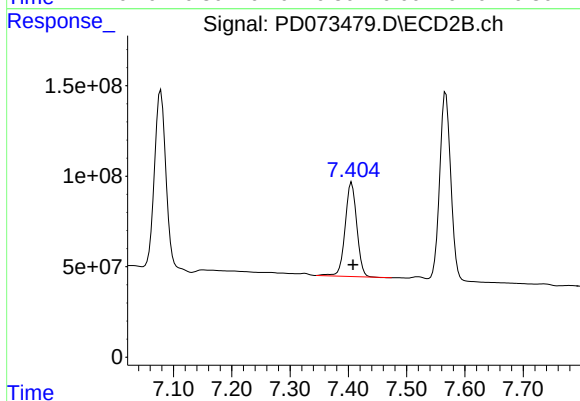
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 1351353982
Conc: 49.39 ng/ml



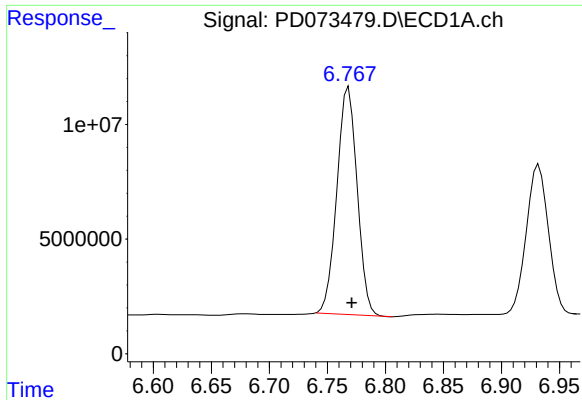
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 61951018
Conc: 46.48 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 724295829
Conc: 53.51 ng/ml



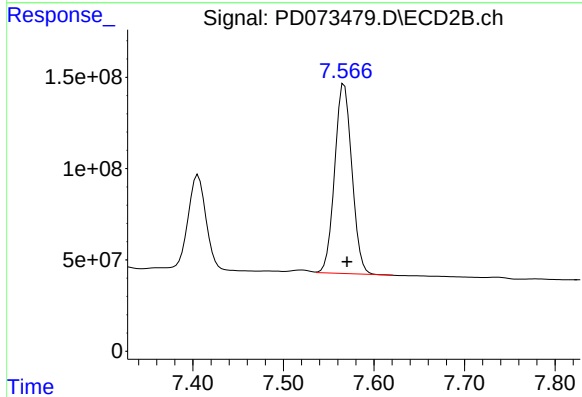
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 120697951
Conc: 44.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

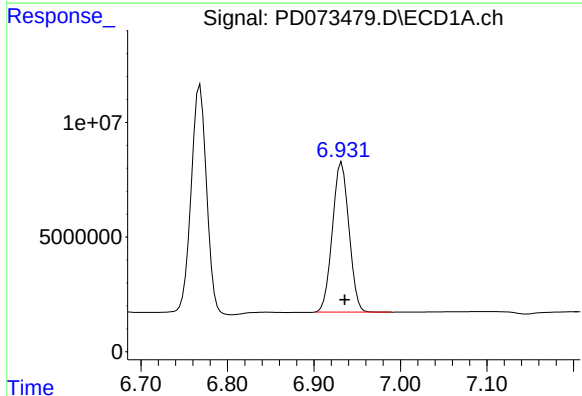
Manual Integrations
APPROVED

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



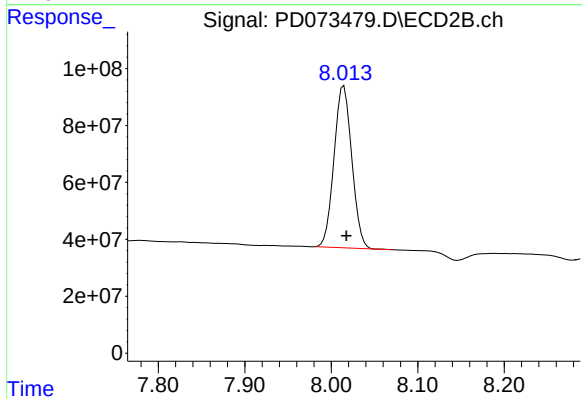
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1368494581
Conc: 49.84 ng/ml



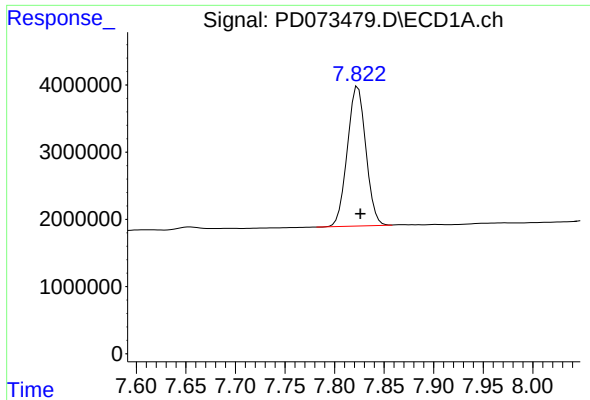
#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.003 min
Response: 86629389
Conc: 41.68 ng/ml



#22 Mirex

R.T.: 8.015 min
Delta R.T.: -0.003 min
Response: 808143894
Conc: 46.20 ng/ml



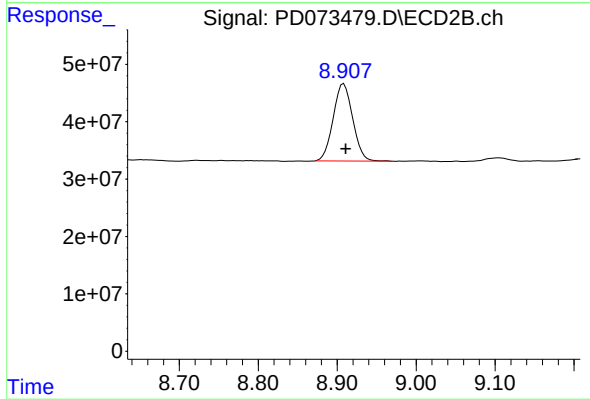
#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 27076612
Conc: 11.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SP-591MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 231734861
Conc: 13.15 ng/ml