

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
 Data File : PD079604.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2023 14:43
 Operator : AR\AJ
 Sample : 05311-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:08:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.569	2.803	26964022	42862200	16.700	18.513
28)	SA Decachlor...	9.117	7.949	30985532	43797408	15.446	17.968
Target Compounds							
2)	A alpha-BHC	4.026	3.306	123.1E6	179.7E6	46.238	51.834
3)	MA gamma-BHC...	4.359	3.636	120.5E6	176.3E6	46.371	51.906
4)	MA Heptachlor	4.952	3.978	118.6E6	165.6E6	44.346	54.209
5)	MB Aldrin	5.296	4.258	118.2E6	165.0E6	45.858	50.452m
6)	B beta-BHC	4.552	3.931	49844796	72253249	46.515	51.276
7)	B delta-BHC	4.801	4.162	120.8E6	177.3E6	45.135m	52.948
8)	B Heptachlo...	5.722	4.761	105.8E6	156.1E6	45.145	52.637
9)	A Endosulfan I	6.109	5.130	103.9E6	133.6E6	47.905	50.471m
10)	B gamma-Chl...	5.978	5.010	106.5E6	153.4E6	46.448	53.453m
11)	B alpha-Chl...	6.058	5.074	104.5E6	152.9E6	45.812	53.286m
12)	B 4,4'-DDE	6.228	5.265	86930076	145.1E6	41.139	54.509 #
13)	MA Dieldrin	6.385	5.394	106.6E6	168.2E6	45.772	56.635m
14)	MA Endrin	6.615	5.671	89545627	140.4E6	45.977	54.853
15)	B Endosulfa...	6.832	5.963	92300646	136.0E6	45.254	54.486
16)	A 4,4'-DDD	6.745	5.818	83176394	120.0E6	47.315	52.521
17)	MA 4,4'-DDT	7.061	6.070	85197876	121.8E6	44.991	53.207
18)	B Endrin al...	6.961	6.143	70766146	101.1E6	45.824m	54.383
19)	B Endosulfa...	7.197	6.365	89670408	126.9E6	45.103	54.330
20)	A Methoxychlor	7.535	6.644	48014031	67780762	43.817	49.926
21)	B Endrin ke...	7.683	6.872	104.6E6	146.7E6	47.988	52.462
22)	Mirex	8.161	7.057	87533403	128.9E6	51.714	60.348

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111323\
Data File : PD079604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Nov 2023 14:43
Operator : AR\AJ
Sample : 05311-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

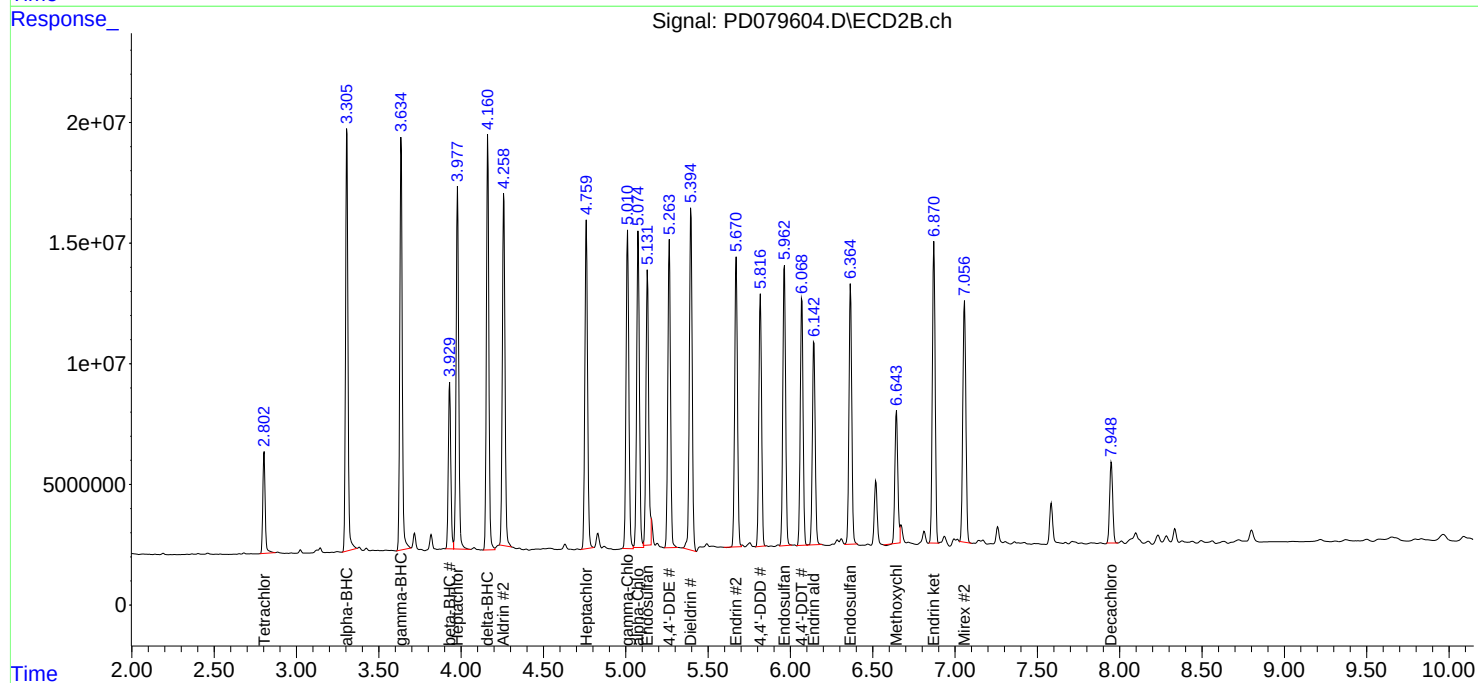
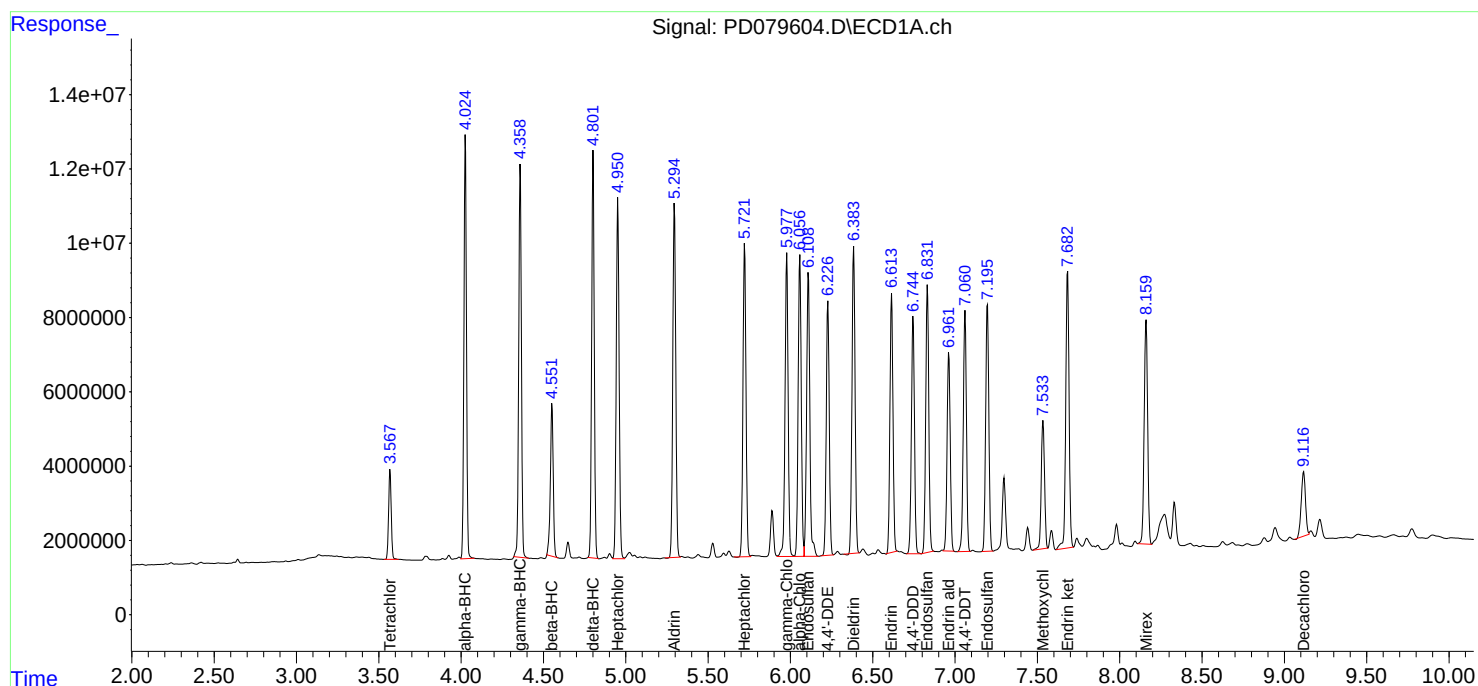
Instrument :
ECD_D
ClientSampleId :
TP-1MS

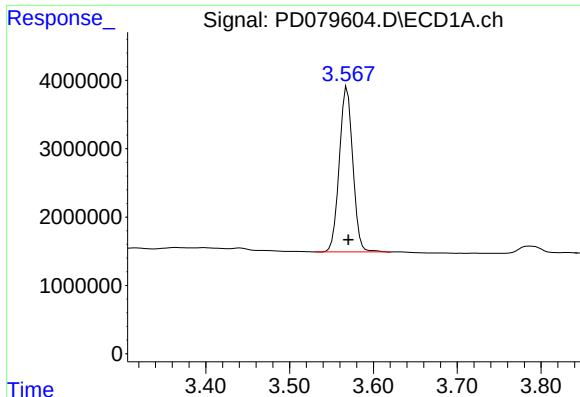
Manual Integrations
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Supervised By :Ankita Jodhani 11/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 20:08:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





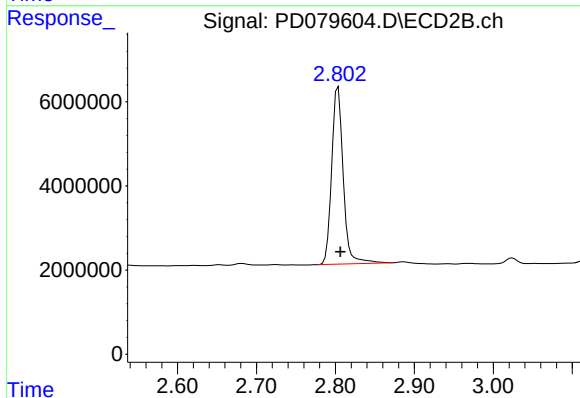
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.001 min
Response: 26964022
Conc: 16.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

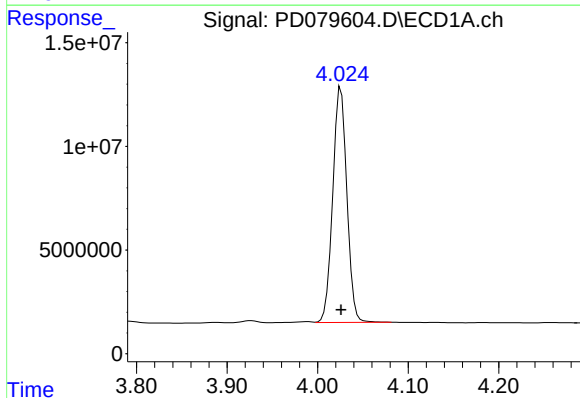
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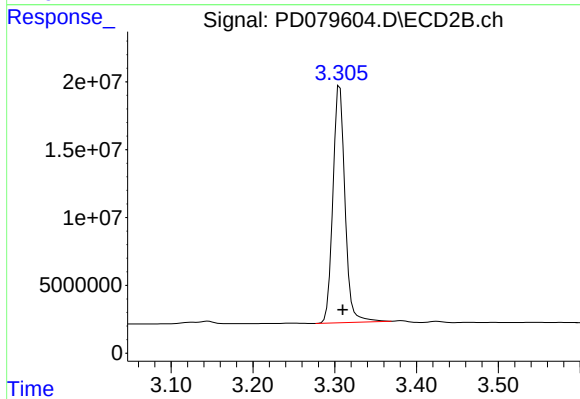
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 42862200
Conc: 18.51 ng/ml



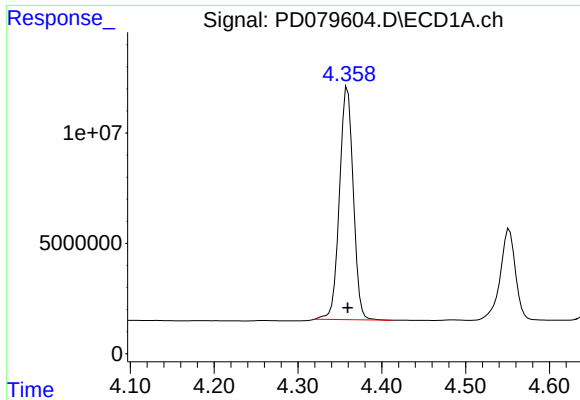
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 123088912
Conc: 46.24 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 179732452
Conc: 51.83 ng/ml



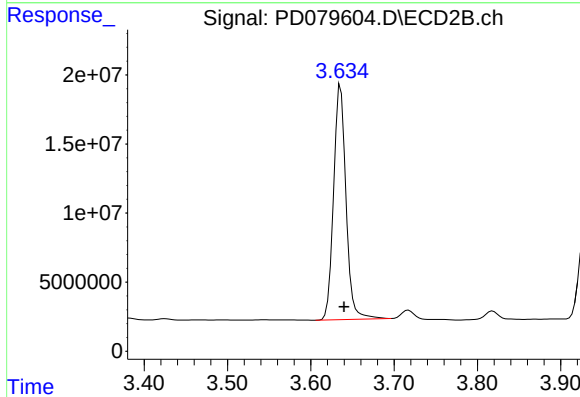
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 120509312
Conc: 46.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

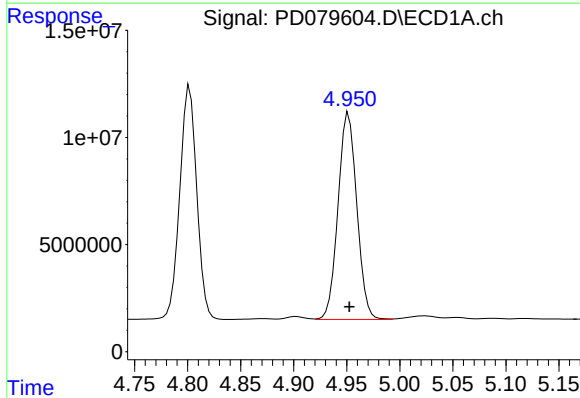
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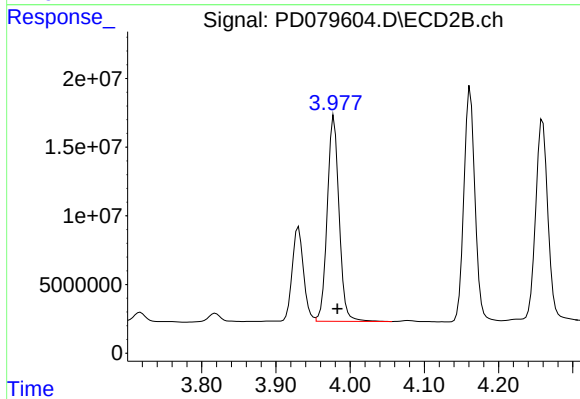
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 176261280
Conc: 51.91 ng/ml



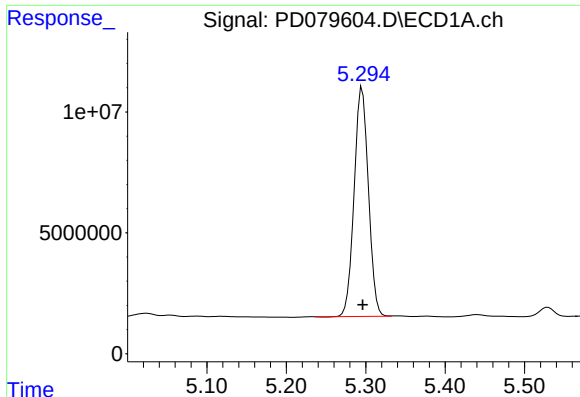
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 118622785
Conc: 44.35 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 165559786
Conc: 54.21 ng/ml



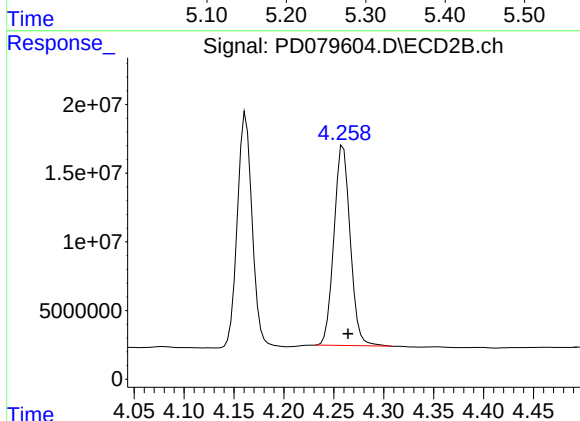
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 118166349
Conc: 45.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

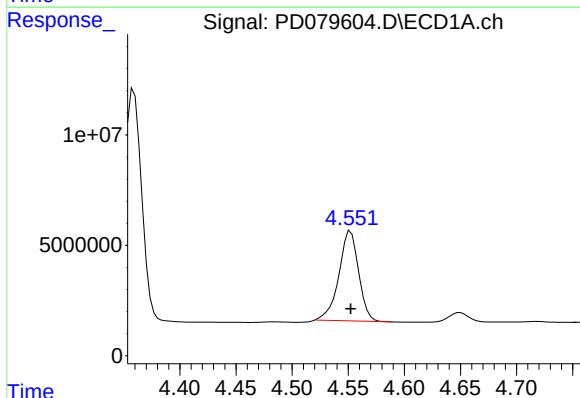
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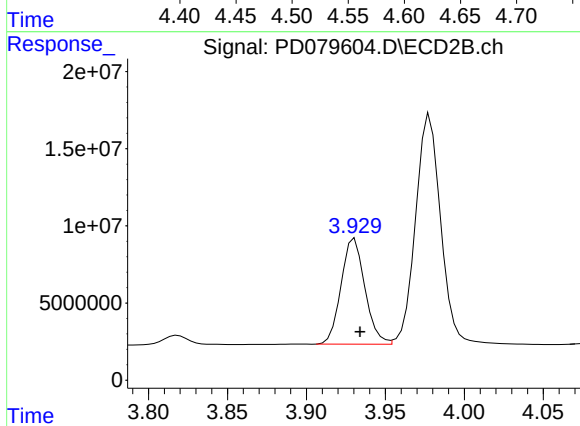
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 165046440
Conc: 50.45 ng/ml m



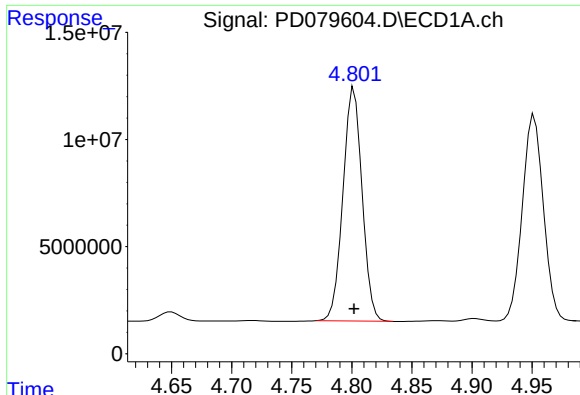
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 49844796
Conc: 46.51 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 72253249
Conc: 51.28 ng/ml



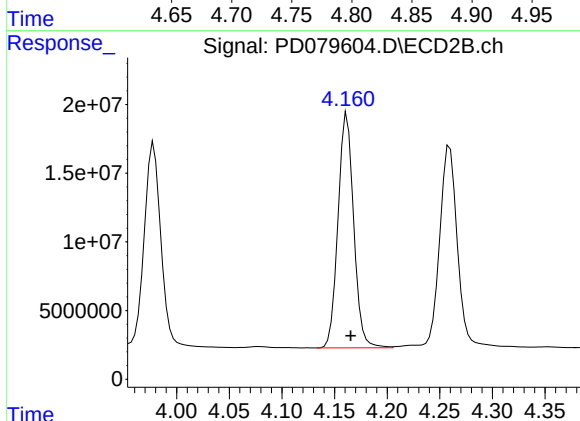
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 120827951
Conc: 45.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

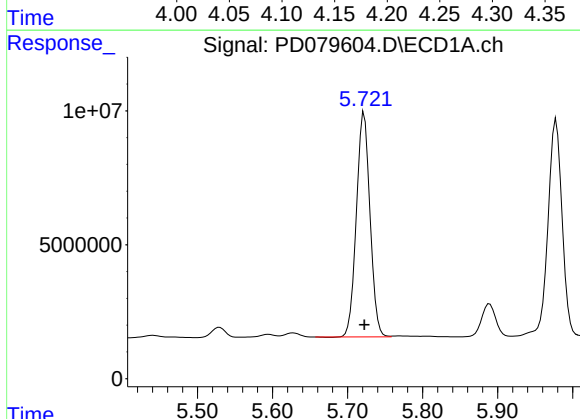
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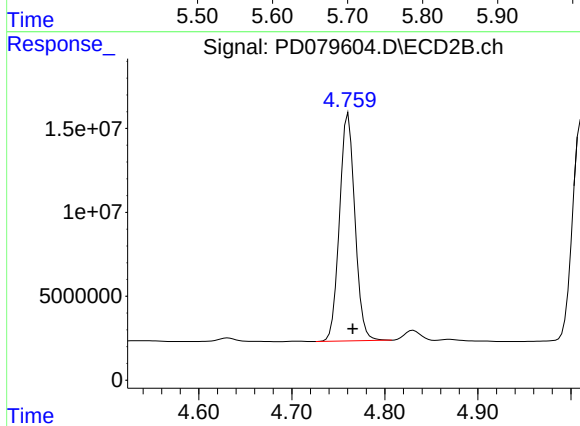
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 177282070
Conc: 52.95 ng/ml



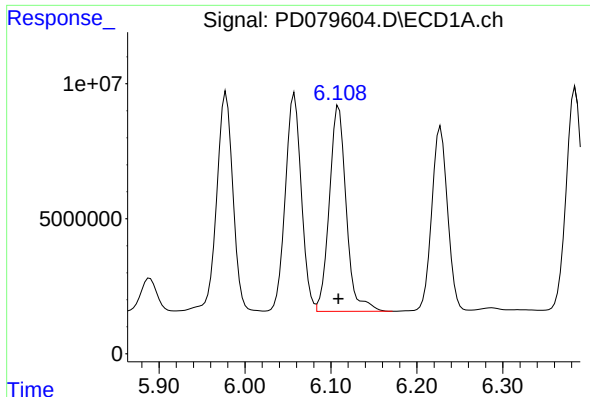
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 105804939
Conc: 45.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 156053133
Conc: 52.64 ng/ml



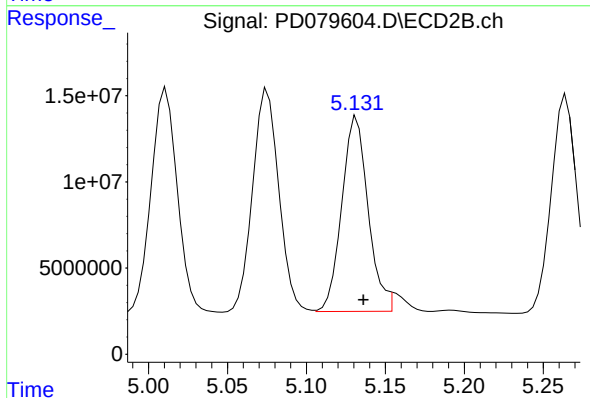
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 103854381
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

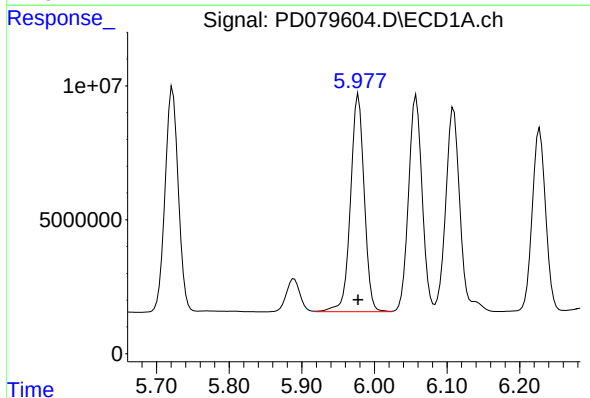
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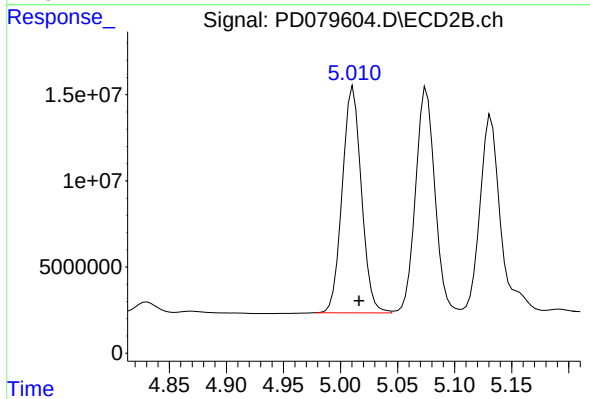
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: -0.006 min
Response: 133631753
Conc: 50.47 ng/ml m



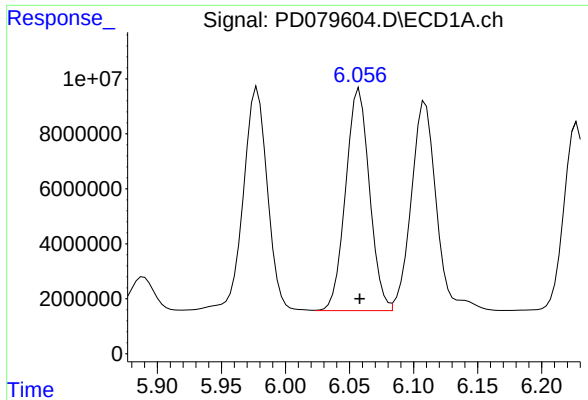
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 106492337
Conc: 46.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.006 min
Response: 153379651
Conc: 53.45 ng/ml m



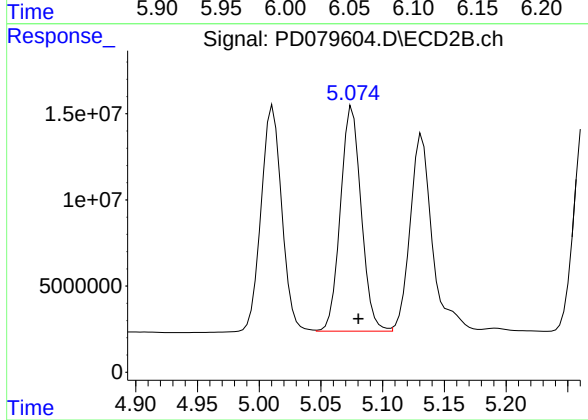
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 104461271
Conc: 45.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

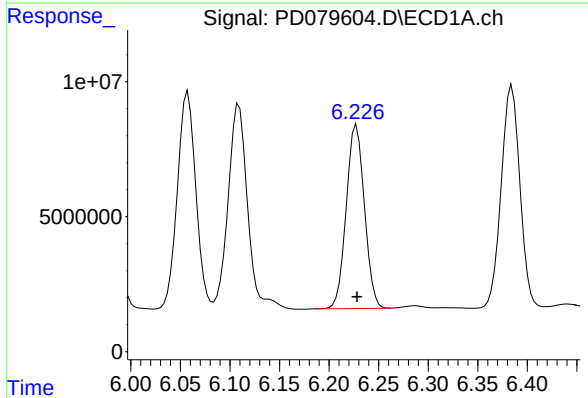
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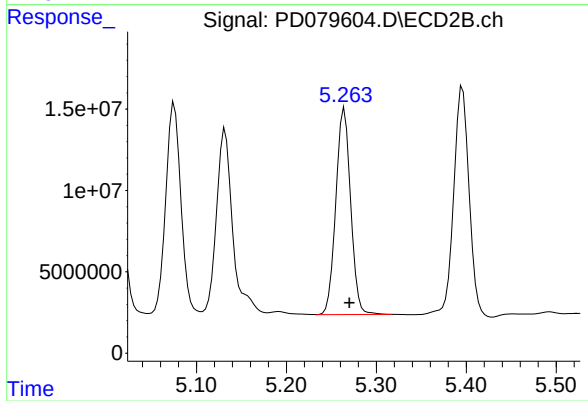
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.006 min
Response: 152921692
Conc: 53.29 ng/ml m



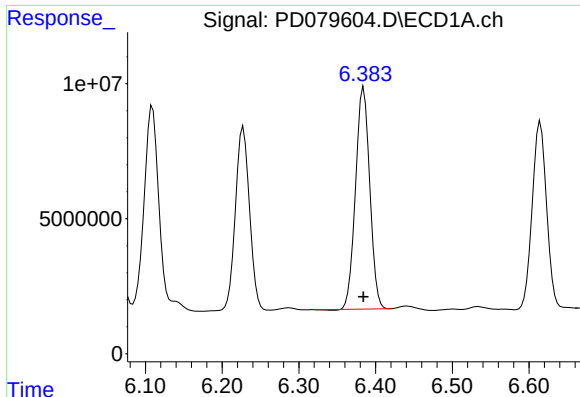
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 86930076
Conc: 41.14 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 145124756
Conc: 54.51 ng/ml



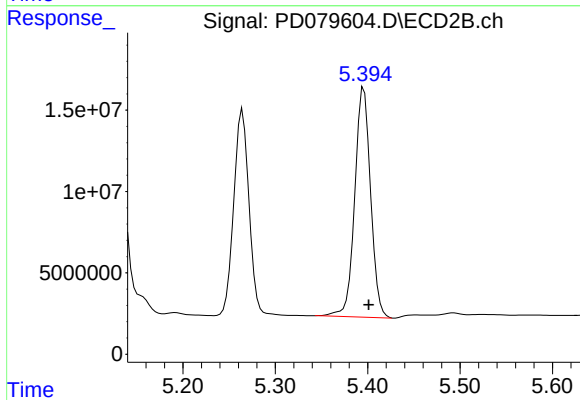
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 106596798
Conc: 45.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

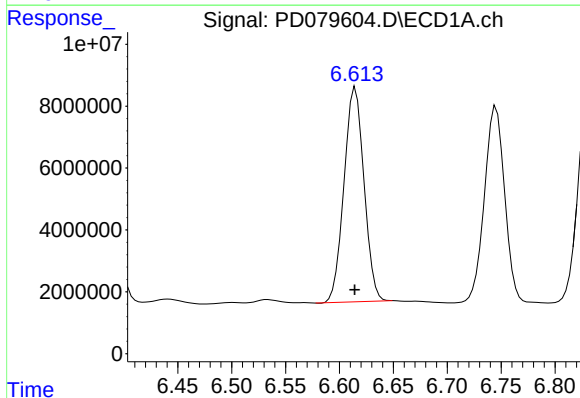
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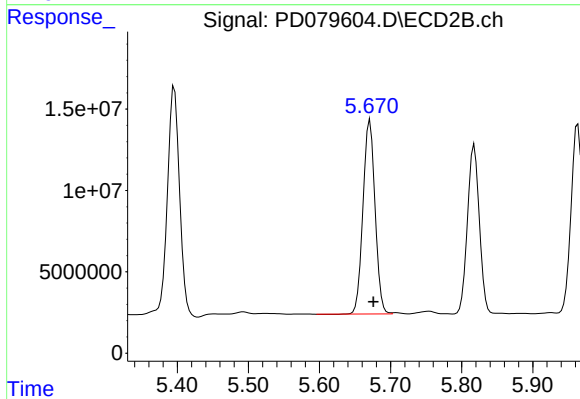
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: -0.007 min
Response: 168198921
Conc: 56.63 ng/ml m



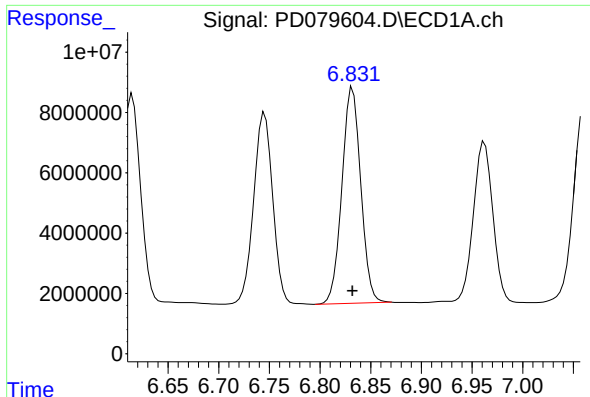
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 89545627
Conc: 45.98 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 140374983
Conc: 54.85 ng/ml



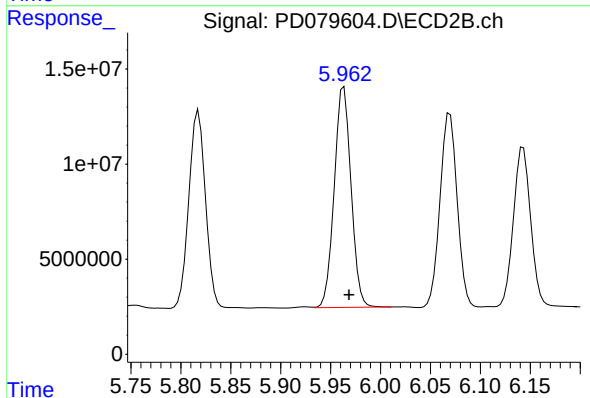
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 92300646
Conc: 45.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
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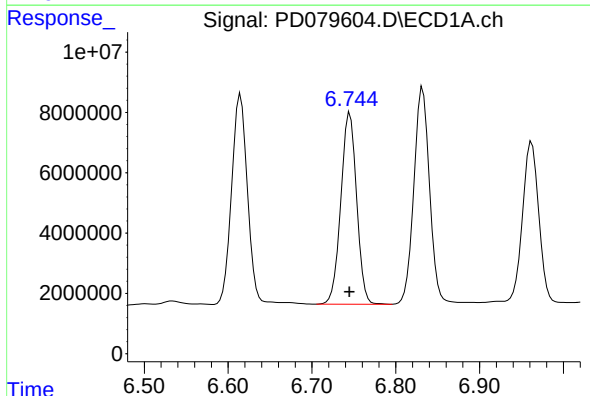
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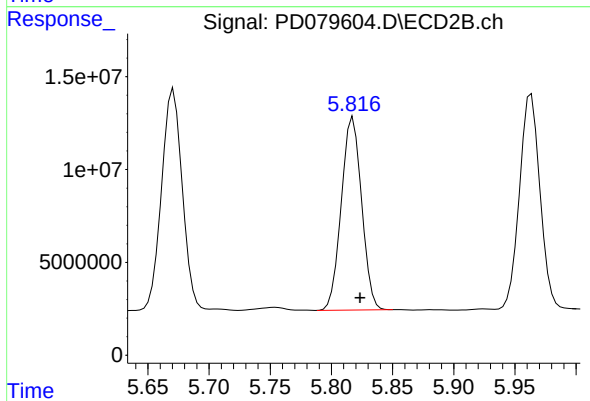
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 136024054
Conc: 54.49 ng/ml



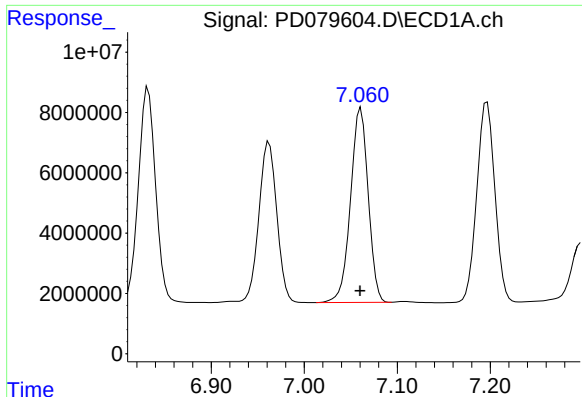
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 83176394
Conc: 47.31 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.006 min
Response: 119970999
Conc: 52.52 ng/ml



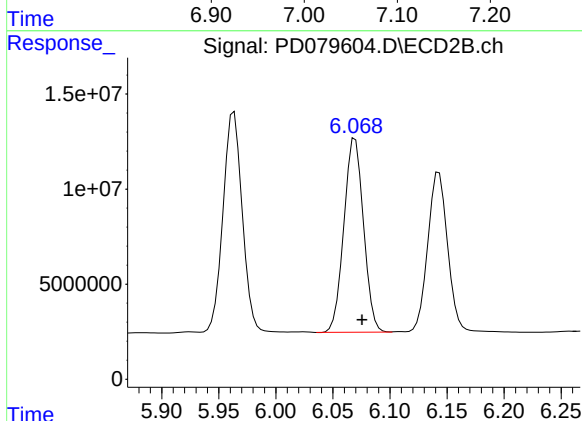
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 85197876
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

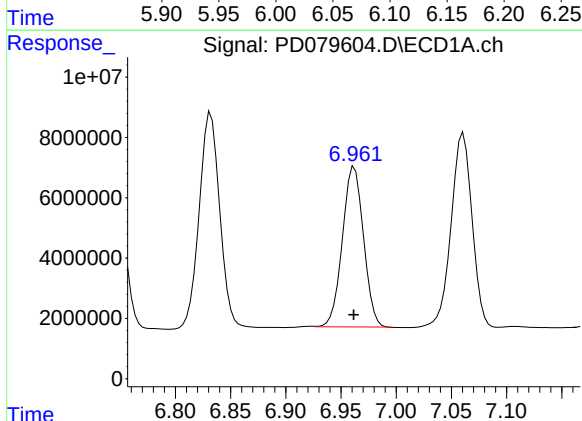
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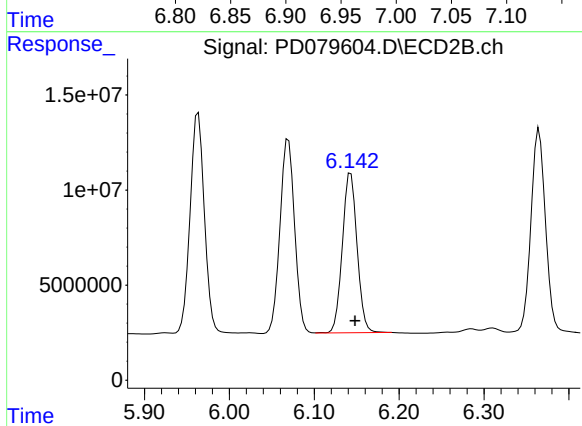
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 121810591
Conc: 53.21 ng/ml



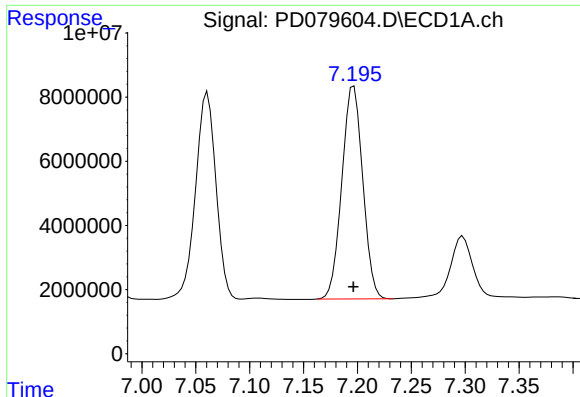
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 70766146
Conc: 45.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: -0.005 min
Response: 101115381
Conc: 54.38 ng/ml



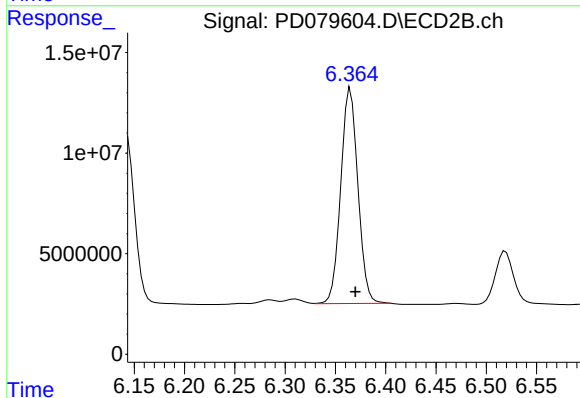
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 89670408
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

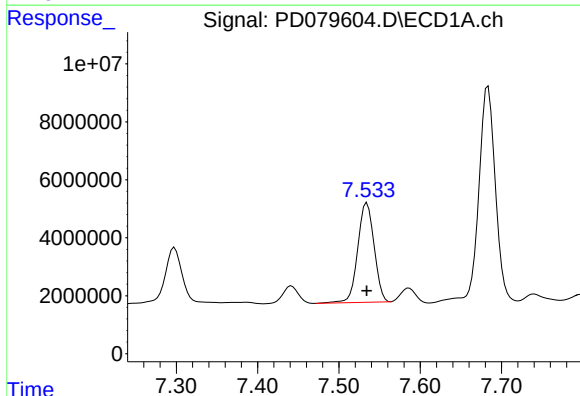
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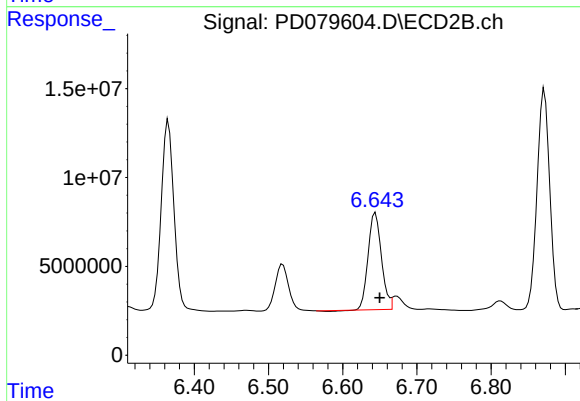
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 126851675
Conc: 54.33 ng/ml



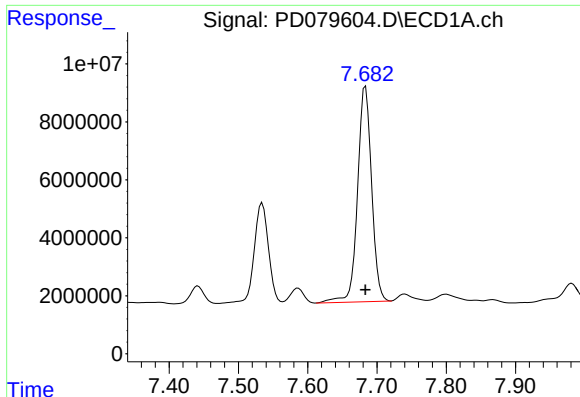
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 48014031
Conc: 43.82 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 67780762
Conc: 49.93 ng/ml



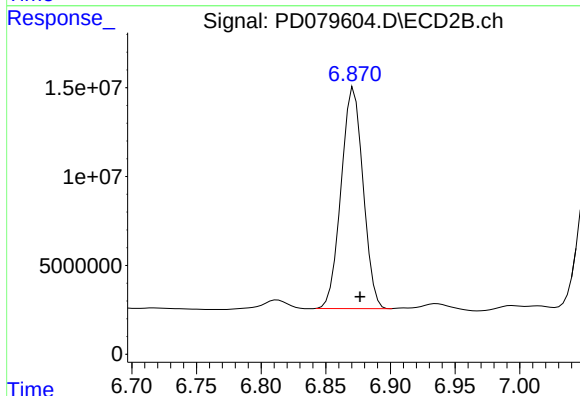
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 104622238
Conc: 47.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

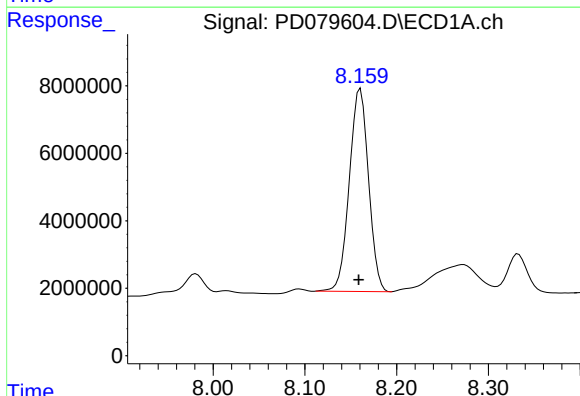
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Supervised By :Ankita Jodhani 11/10/2023



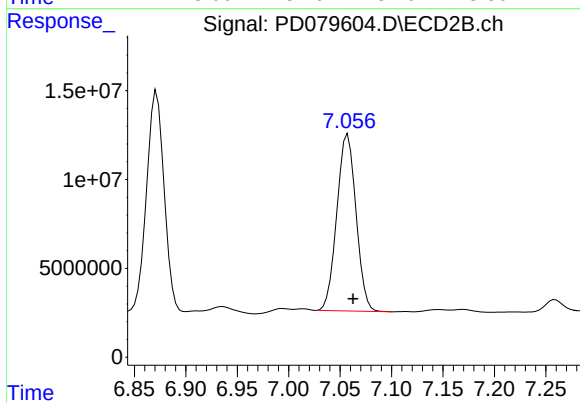
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: -0.005 min
Response: 146669617
Conc: 52.46 ng/ml



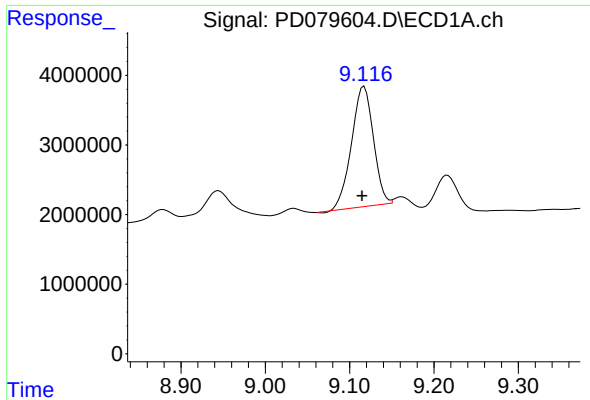
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 87533403
Conc: 51.71 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: -0.005 min
Response: 128923803
Conc: 60.35 ng/ml



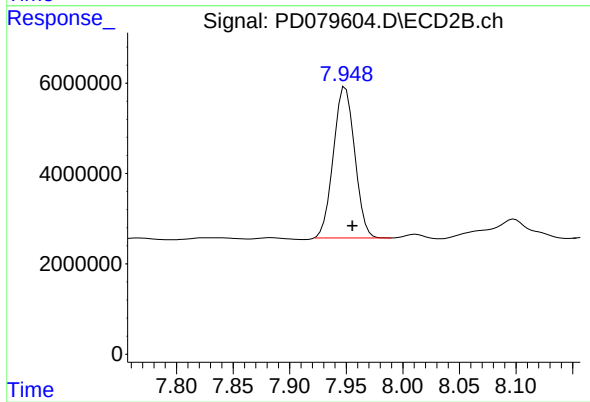
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 30985532
Conc: 15.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2023
Supervised By :Ankita Jodhani 11/10/2023



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.006 min
Response: 43797408
Conc: 17.97 ng/ml