

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 18:37
 Operator : AR\AJ
 Sample : 04399-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 360MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:51:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.541	2.760	52762863	34116251	20.781	21.570
28)	SA Decachlor...	9.080	7.897	58109676	33811165	19.076	19.593
Target Compounds							
2)	A alpha-BHC	3.998	3.261	219.6E6	125.7E6	53.387	54.344
3)	MA gamma-BHC...	4.329	3.590	193.6E6	115.7E6	48.949m	51.779
4)	MA Heptachlor	4.921	3.929	207.5E6	122.7E6	52.961	54.540
5)	MB Aldrin	5.262	4.209	235.4E6	116.4E6	58.532m	51.081
6)	B beta-BHC	4.528	3.888	77839126	50081273	48.234	56.191
7)	B delta-BHC	4.777	4.117	196.7E6	113.7E6	53.355	52.466
8)	B Heptachlo...	5.690	4.711	231.6E6	132.9E6	64.774m	65.547
9)	A Endosulfan I	6.078	5.081	177.8E6	101.6E6	54.050	54.238
10)	B gamma-Chl...	5.949	4.960	241.2E6	139.7E6	68.521	69.483m
11)	B alpha-Chl...	6.028	5.025	337.2E6	176.8E6	94.752	87.735
12)	B 4,4'-DDE	6.200	5.214	195.0E6	127.6E6	60.573	69.881
13)	MA Dieldrin	6.354	5.346	181.4E6	112.9E6	50.973	55.284
14)	MA Endrin	6.585	5.622	147.1E6	98027905	48.491	54.120
15)	B Endosulfa...	6.805	5.914	149.1E6	102.3E6	48.109	59.789m
16)	A 4,4'-DDD	6.717	5.768	142.7E6	82251774	55.702m	58.860
17)	MA 4,4'-DDT	7.034	6.019	168.3E6	99276573	64.354	70.267
18)	B Endrin al...	6.933	6.095	106.4E6	68378976	44.782m	50.658
19)	B Endosulfa...	7.170	6.318	149.1E6	85882590	52.539	53.635
20)	A Methoxychlor	7.510	6.595	67142478	39227896	43.409	50.666
21)	B Endrin ke...	7.656	6.824	166.8E6	93982449	51.311m	49.706
22)	Mirex	8.131	7.005	116.4E6	75584284	48.407	49.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
Data File : PD077941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 18:37
Operator : AR\AJ
Sample : 04399-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

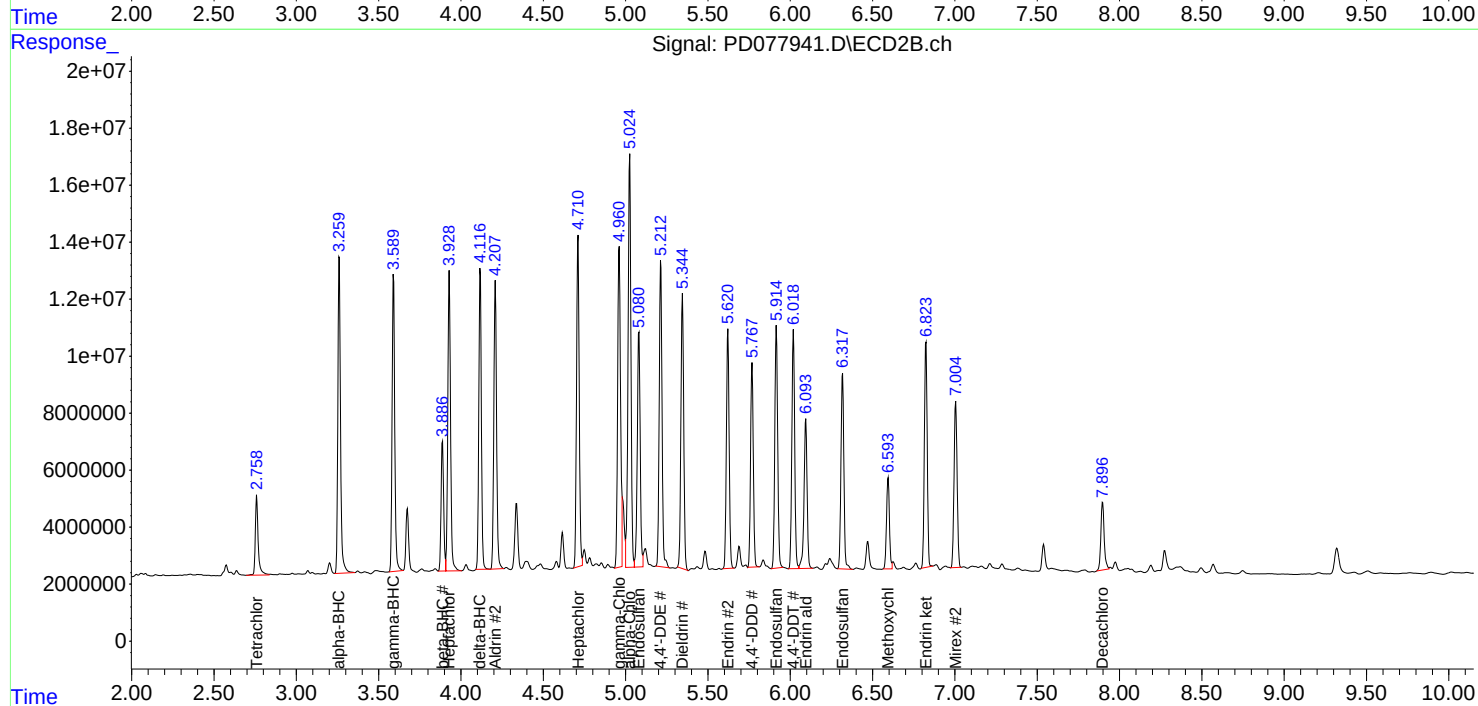
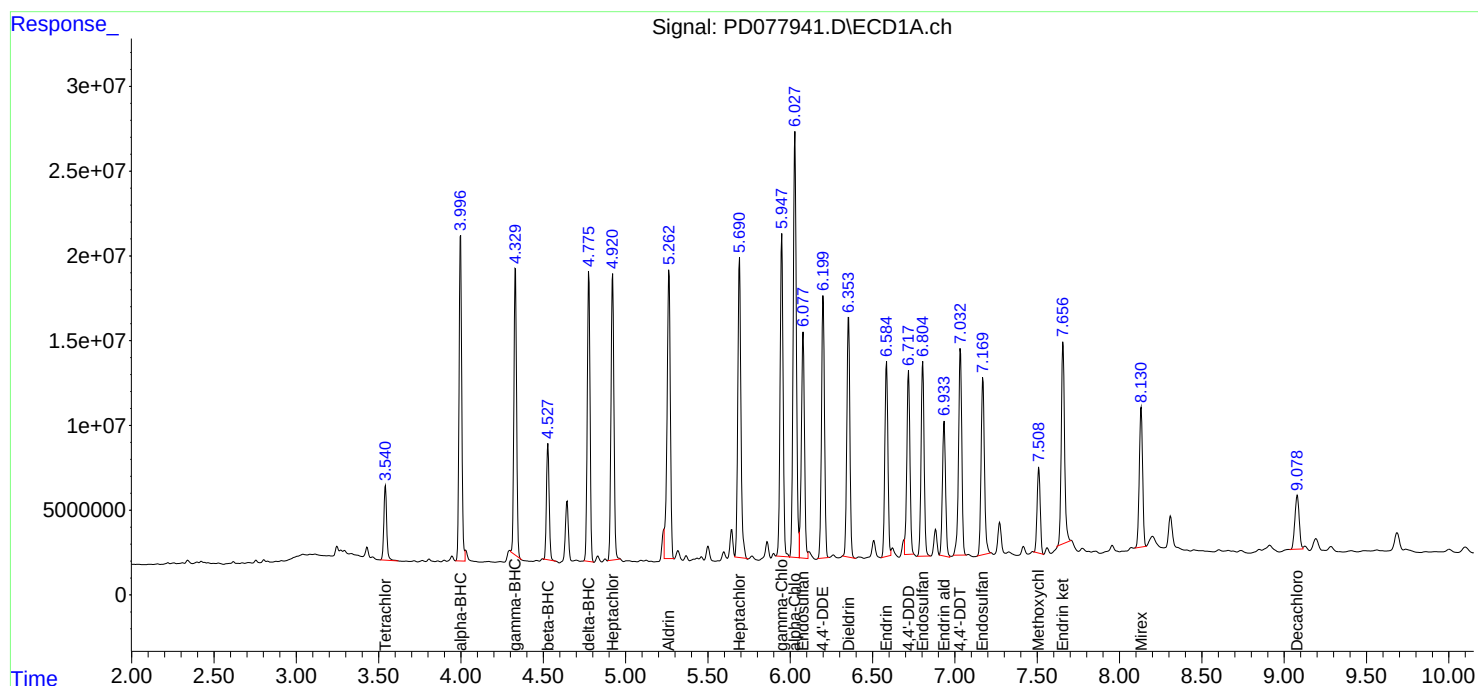
Instrument :
ECD_D
ClientSampleId :
360MS

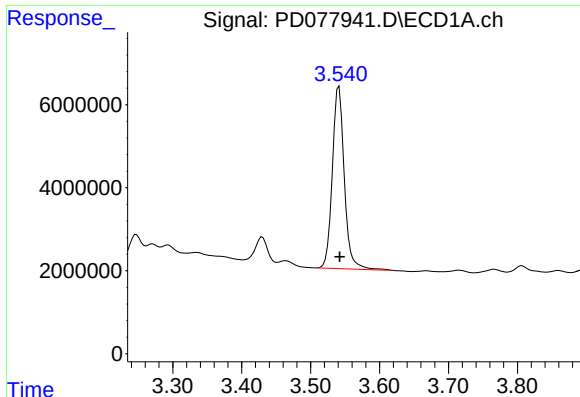
Manual Integrations
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Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 22:51:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
QLast Update : Fri Sep 01 16:18:56 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





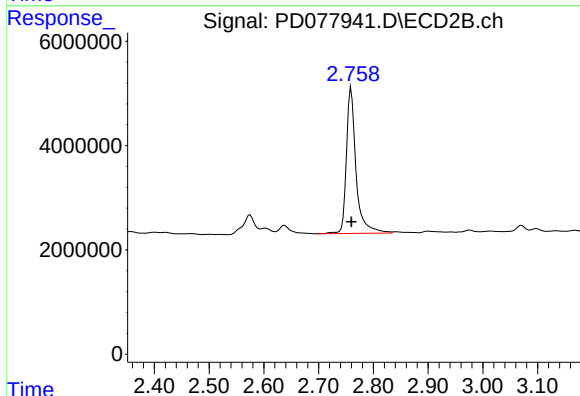
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 52762863
Conc: 20.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

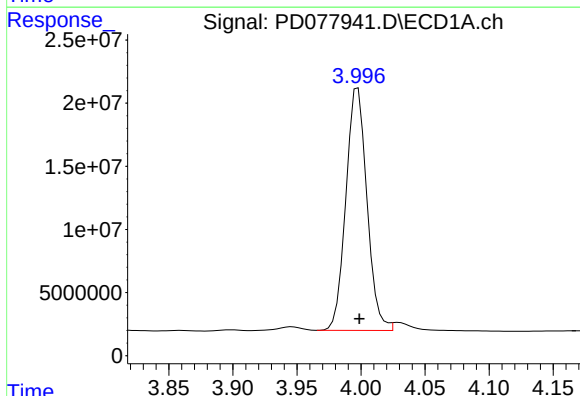
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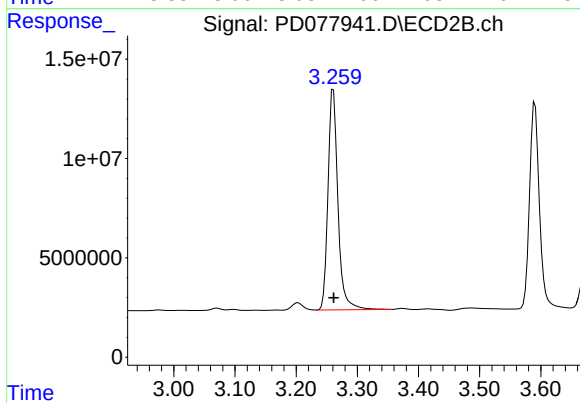
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 34116251
Conc: 21.57 ng/ml



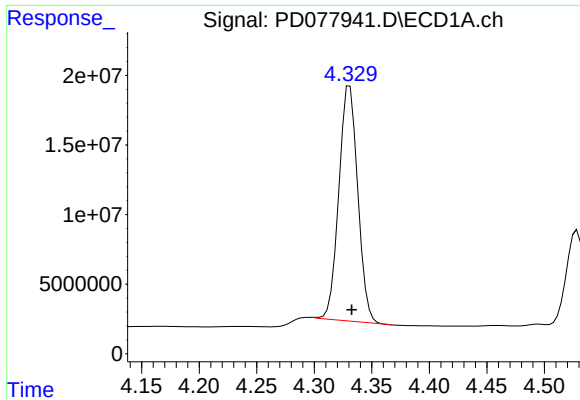
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 219644218
Conc: 53.39 ng/ml



#2 alpha-BHC

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 125727896
Conc: 54.34 ng/ml



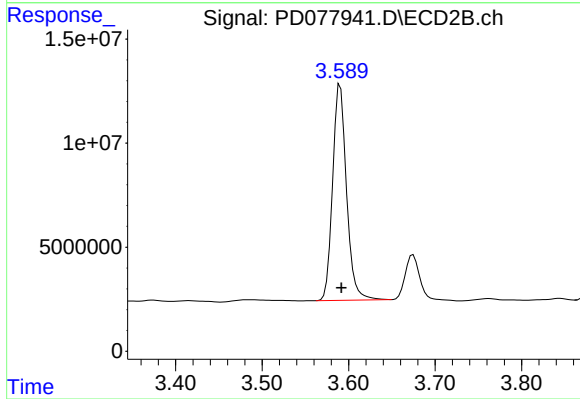
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 193638829
Conc: 48.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

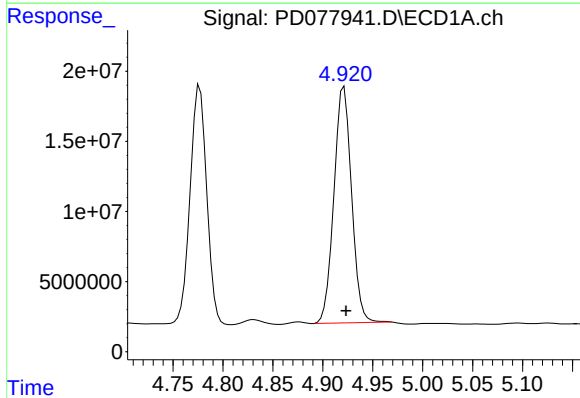
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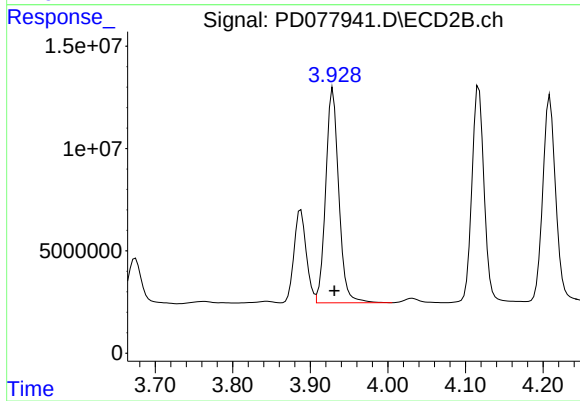
#3 gamma-BHC (Lindane)

R.T.: 3.590 min
Delta R.T.: -0.001 min
Response: 115749305
Conc: 51.78 ng/ml



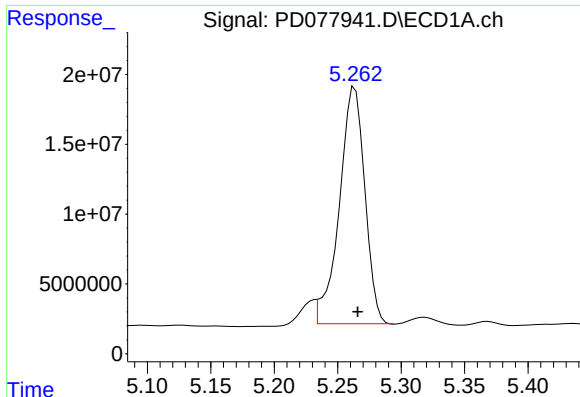
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 207499771
Conc: 52.96 ng/ml



#4 Heptachlor

R.T.: 3.929 min
Delta R.T.: -0.002 min
Response: 122681680
Conc: 54.54 ng/ml



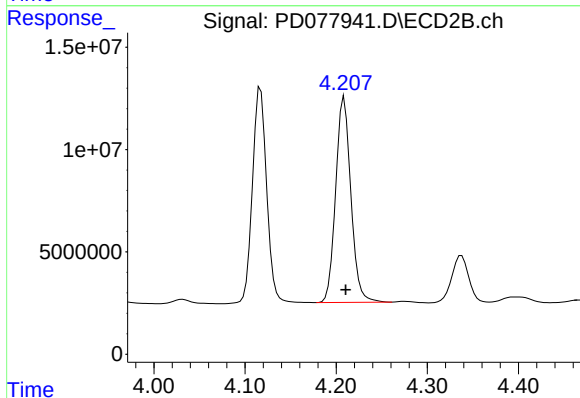
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 235403090
Conc: 58.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

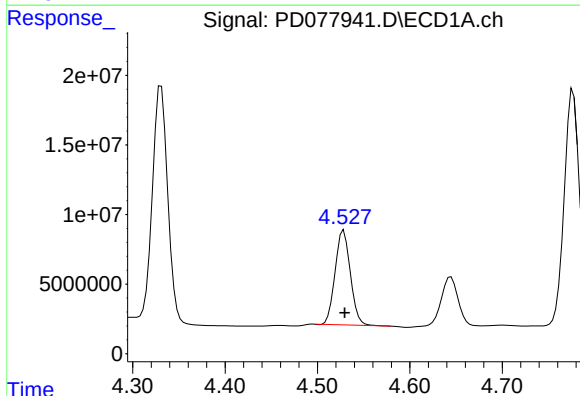
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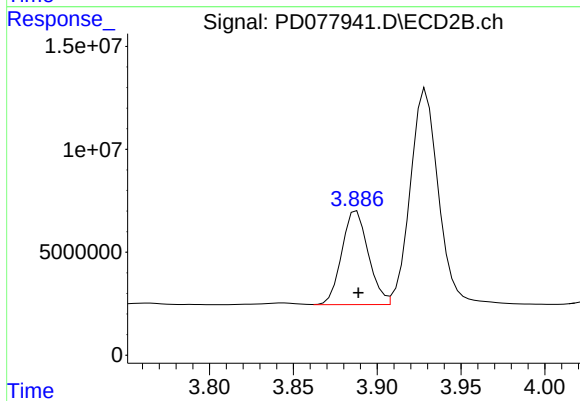
#5 Aldrin

R.T.: 4.209 min
Delta R.T.: -0.002 min
Response: 116363091
Conc: 51.08 ng/ml



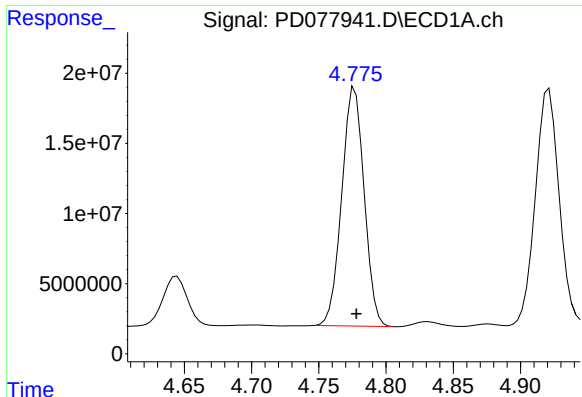
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 77839126
Conc: 48.23 ng/ml



#6 beta-BHC

R.T.: 3.888 min
Delta R.T.: -0.001 min
Response: 50081273
Conc: 56.19 ng/ml



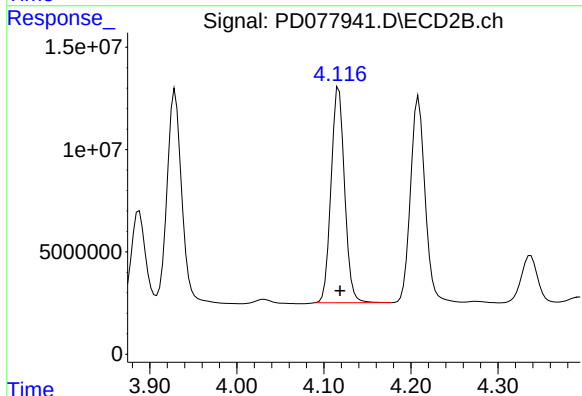
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 196687963
Conc: 53.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

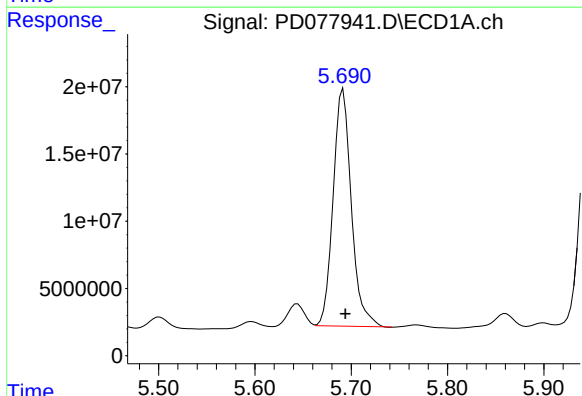
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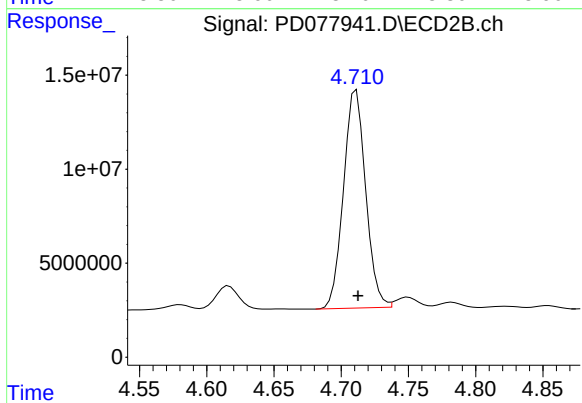
#7 delta-BHC

R.T.: 4.117 min
Delta R.T.: -0.001 min
Response: 113737275
Conc: 52.47 ng/ml



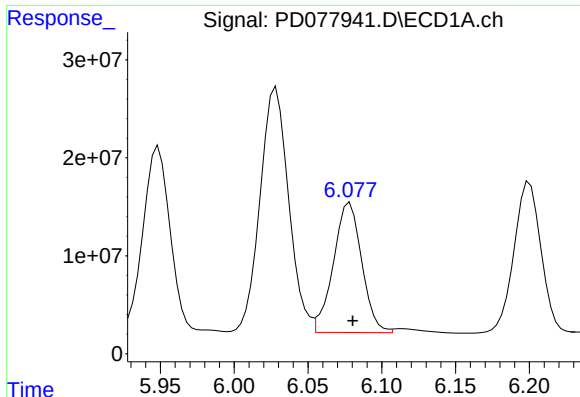
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 231606195
Conc: 64.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: -0.001 min
Response: 132943987
Conc: 65.55 ng/ml



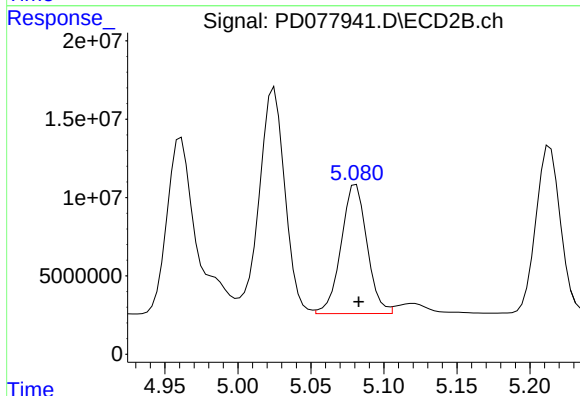
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 177774718
Conc: 54.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

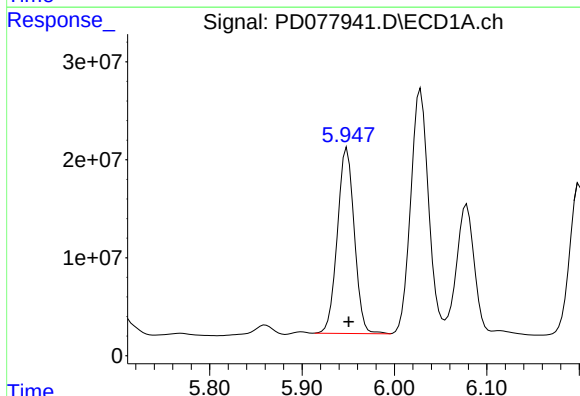
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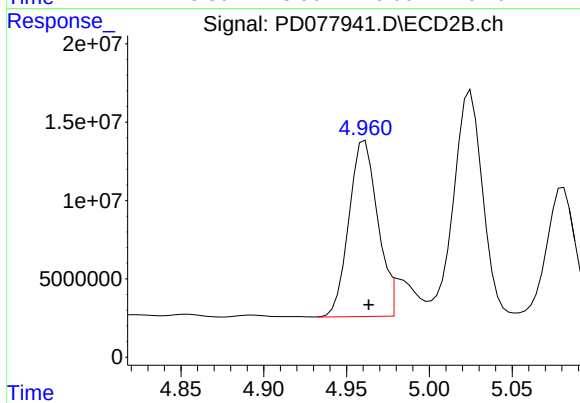
#9 Endosulfan I

R.T.: 5.081 min
Delta R.T.: -0.002 min
Response: 101596183
Conc: 54.24 ng/ml



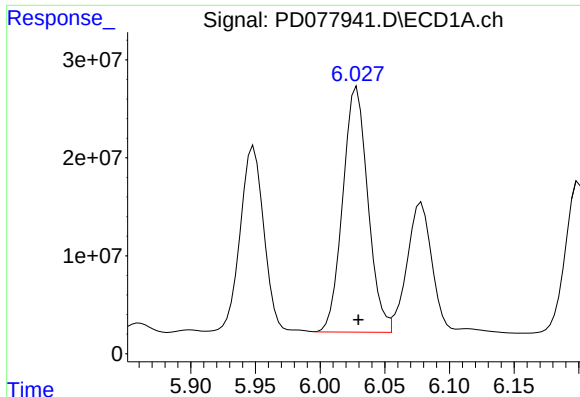
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 241215211
Conc: 68.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.004 min
Response: 139672986
Conc: 69.48 ng/ml m



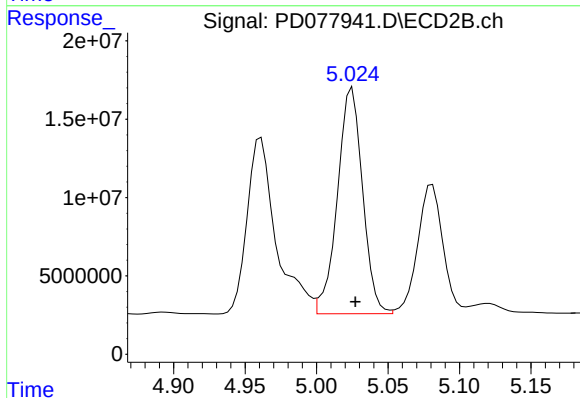
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 337158315
Conc: 94.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

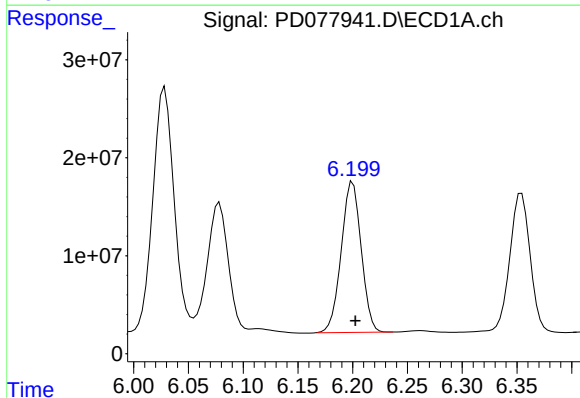
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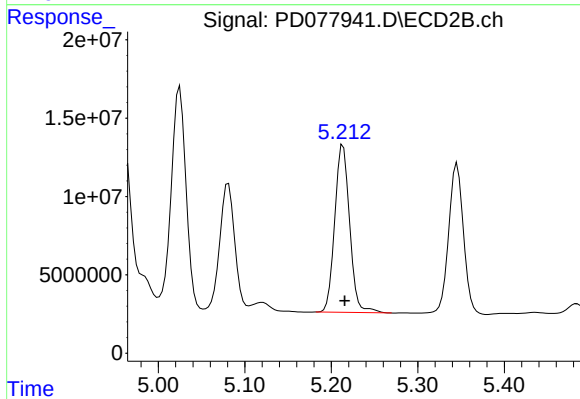
#11 alpha-Chlordane

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 176759972
Conc: 87.73 ng/ml



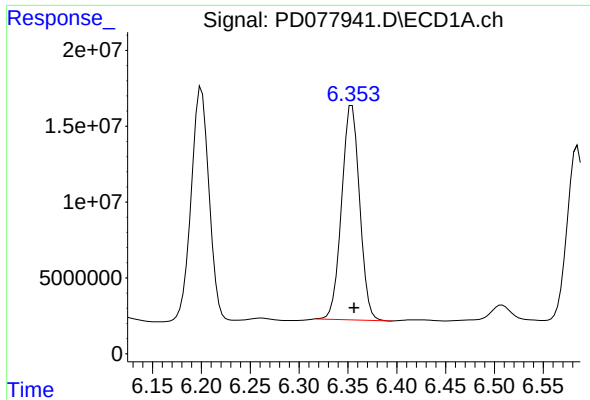
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 195021090
Conc: 60.57 ng/ml



#12 4,4'-DDE

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 127552297
Conc: 69.88 ng/ml



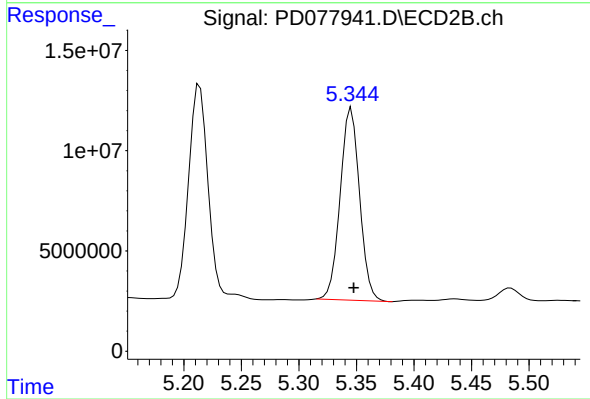
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 181353743
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

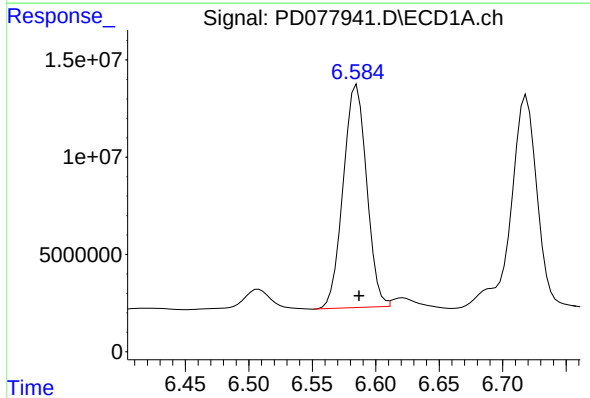
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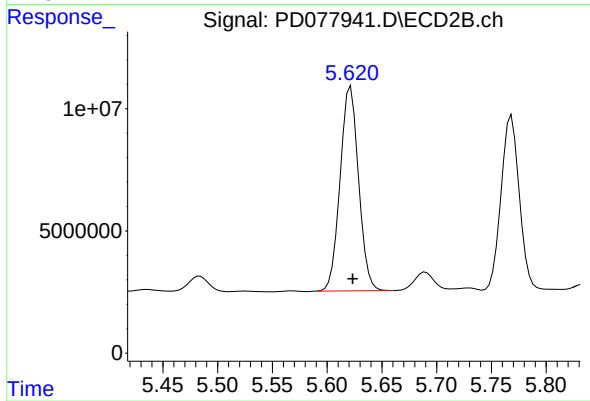
#13 Dieldrin

R.T.: 5.346 min
Delta R.T.: -0.002 min
Response: 112878977
Conc: 55.28 ng/ml



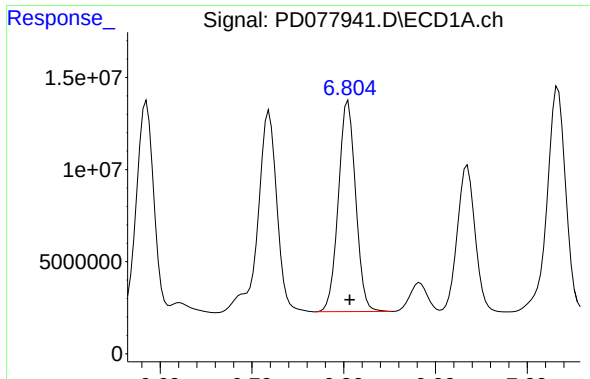
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.002 min
Response: 147083712
Conc: 48.49 ng/ml



#14 Endrin

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 98027905
Conc: 54.12 ng/ml



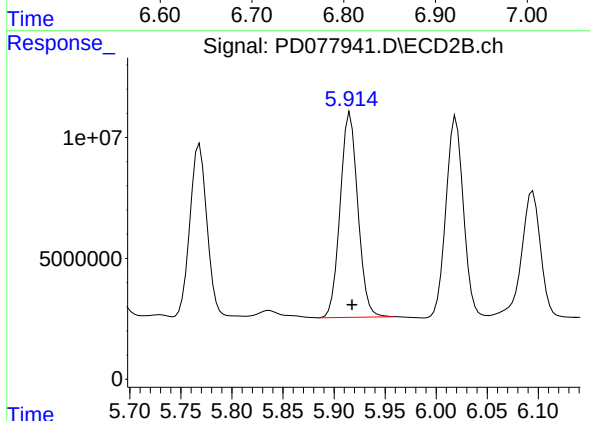
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 149071348
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

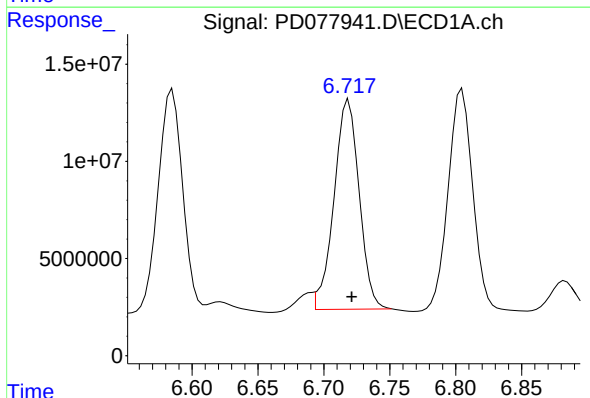
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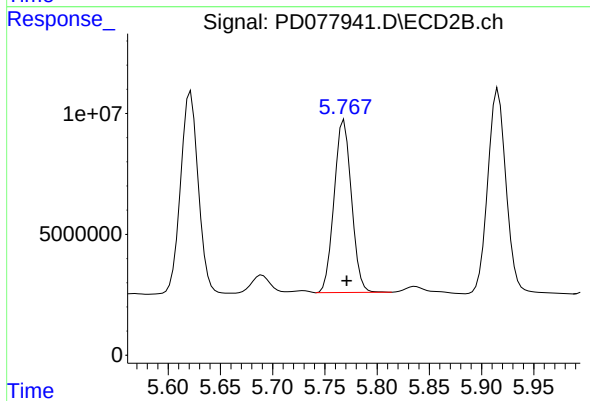
#15 Endosulfan II

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 102301424
Conc: 59.79 ng/ml m



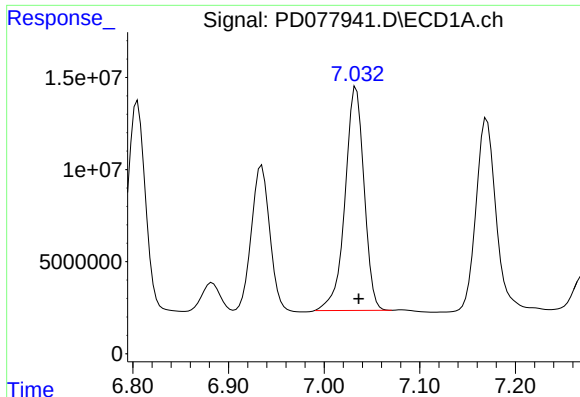
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 142726550
Conc: 55.70 ng/ml m



#16 4,4'-DDD

R.T.: 5.768 min
Delta R.T.: -0.002 min
Response: 82251774
Conc: 58.86 ng/ml



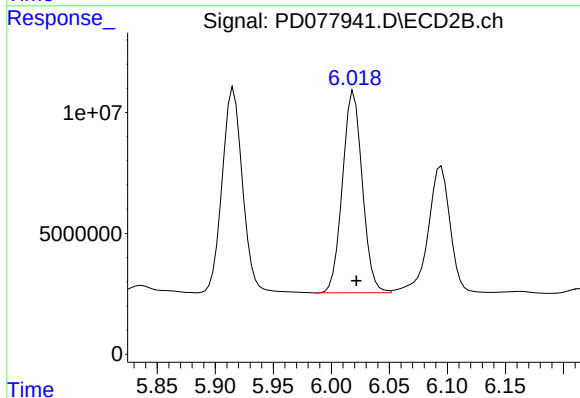
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 168304243
Conc: 64.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

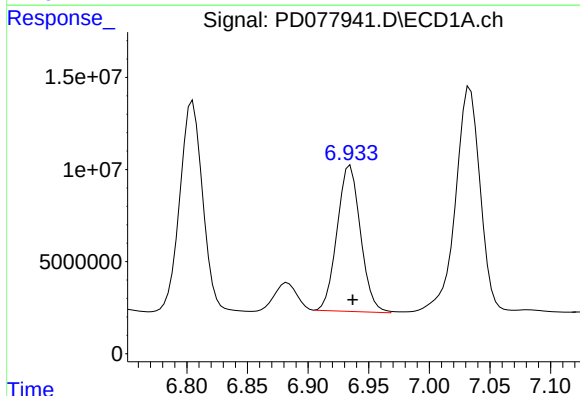
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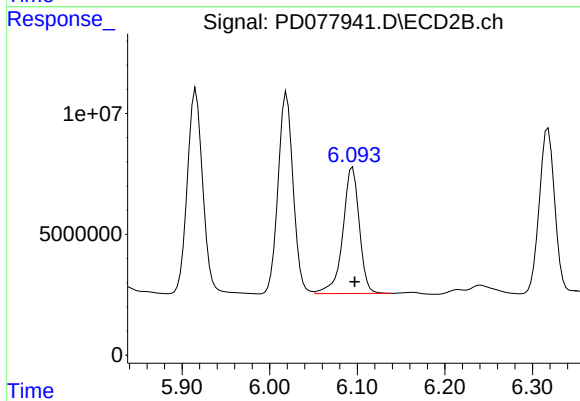
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 99276573
Conc: 70.27 ng/ml



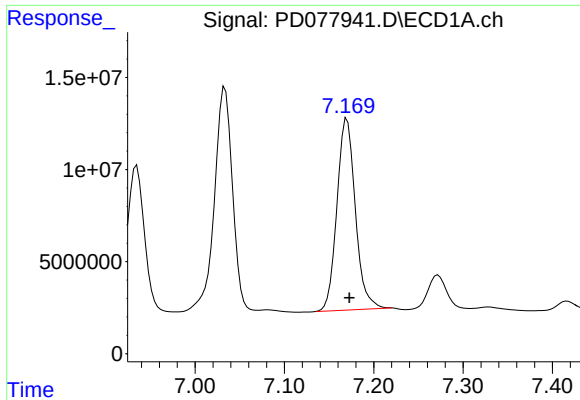
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 106419757
Conc: 44.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 68378976
Conc: 50.66 ng/ml



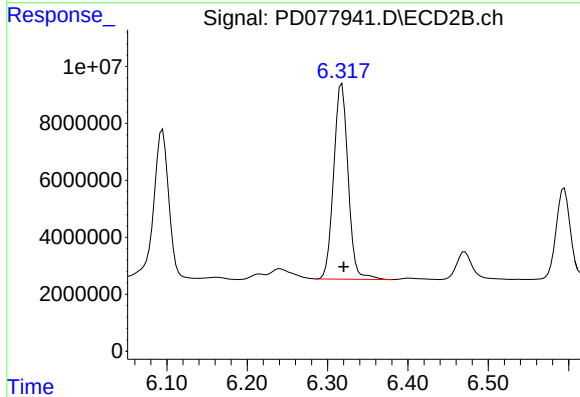
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 149099523
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

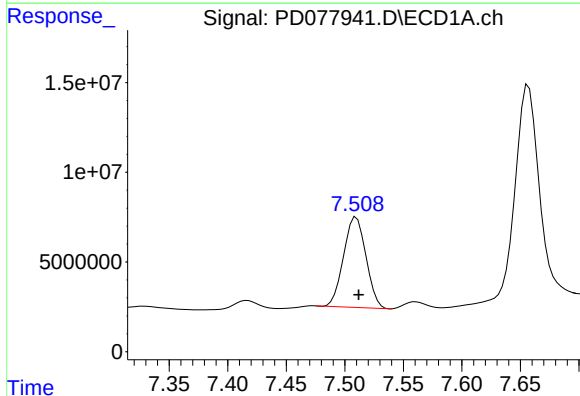
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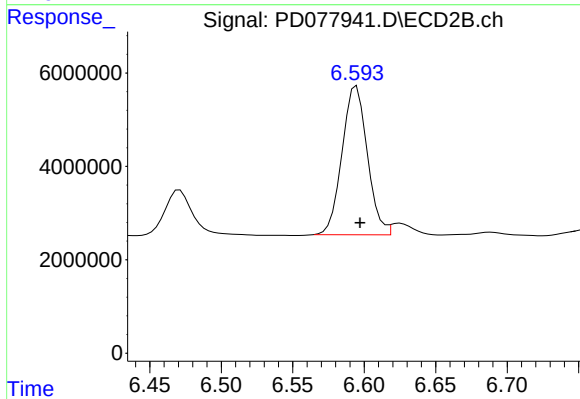
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.002 min
Response: 85882590
Conc: 53.64 ng/ml



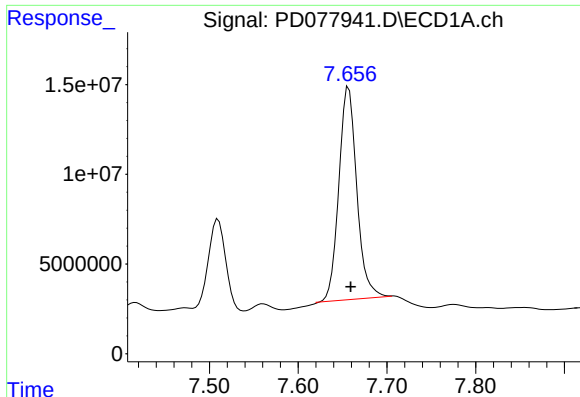
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: -0.002 min
Response: 67142478
Conc: 43.41 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 39227896
Conc: 50.67 ng/ml



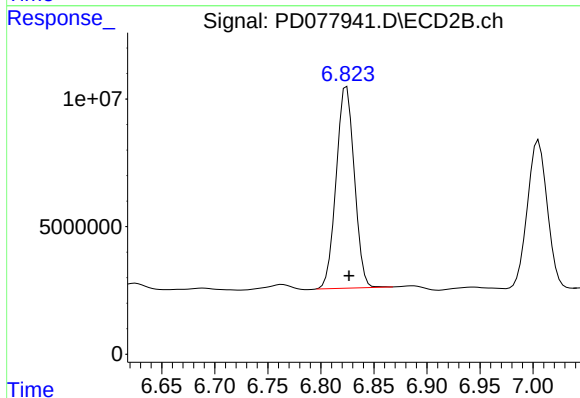
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.004 min
Response: 166762367
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

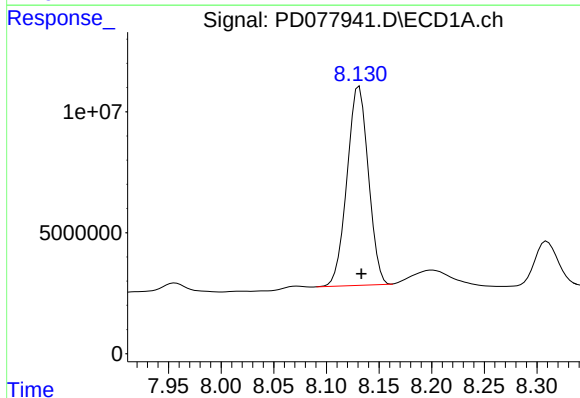
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Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



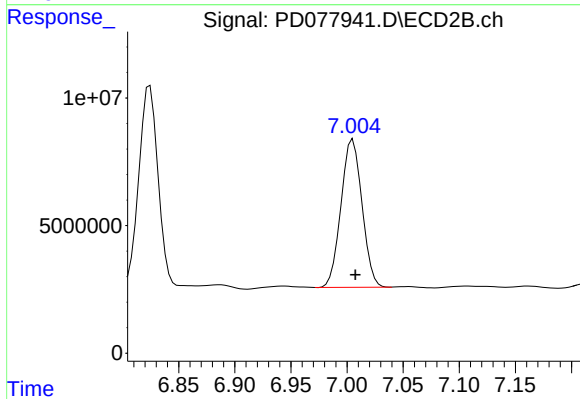
#21 Endrin ketone

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 93982449
Conc: 49.71 ng/ml



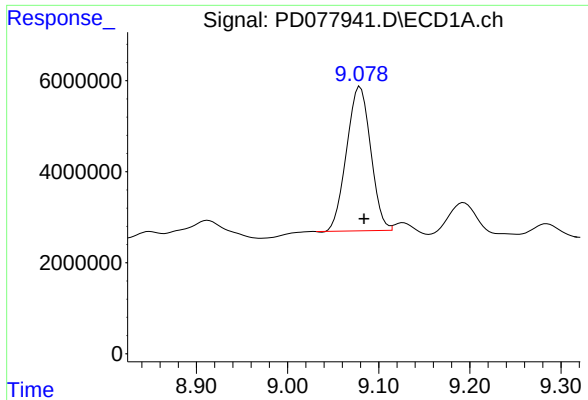
#22 Mirex

R.T.: 8.131 min
Delta R.T.: -0.002 min
Response: 116420681
Conc: 48.41 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 75584284
Conc: 49.36 ng/ml



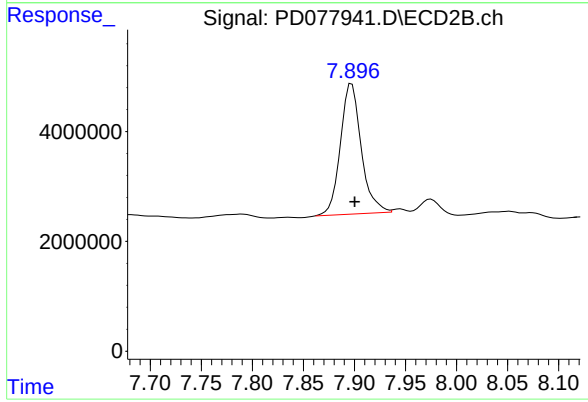
#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: -0.004 min
Response: 58109676
Conc: 19.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
360MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 33811165
Conc: 19.59 ng/ml