

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111822\
 Data File : PL079254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2022 19:28
 Operator : AR\AJ
 Sample : N5598-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FRAC-TANK-0760533MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/21/2022
 Supervised By :Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 08:27:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.320	2.566	38941163	54246553	18.700	21.299
28)	SA Decachlor...	8.772	7.635	37107526	46610608	22.184	22.469
Target Compounds							
2)	A alpha-BHC	3.780	3.053	172.3E6	209.9E6	54.671	51.916
3)	MA gamma-BHC...	4.114	3.373	156.3E6	186.9E6	52.066	52.682m
4)	MA Heptachlor	4.685	3.701	160.1E6	190.3E6	53.510	52.385
5)	MB Aldrin	5.023	3.973	154.7E6	189.3E6	55.280	54.190
6)	B beta-BHC	4.329	3.675	64511191	71235996	49.056	50.961
7)	B delta-BHC	4.570	3.894	99217963	193.6E6	43.814	53.928
8)	B Heptachlo...	5.456	4.470	140.0E6	164.2E6	59.226	52.871
9)	A Endosulfan I	5.841	4.832	132.7E6	152.8E6	55.246	51.720
10)	B gamma-Chl...	5.712	4.717	148.3E6	163.9E6	58.030	52.904
11)	B alpha-Chl...	5.788	4.779	144.6E6	160.7E6	56.211	52.643
12)	B 4,4'-DDE	5.972	4.974	123.6E6	152.8E6	54.096	53.357
13)	MA Dieldrin	6.119	5.093	139.0E6	169.7E6	57.312	55.197
14)	MA Endrin	6.350	5.365	126.2E6	157.0E6	57.053	60.123
15)	B Endosulfa...	6.579	5.661	116.4E6	142.7E6	51.602	53.299
16)	A 4,4'-DDD	6.497	5.525	99585803	124.2E6	56.703	53.130
17)	MA 4,4'-DDT	6.807	5.771	111.2E6	132.2E6	53.330	54.175
18)	B Endrin al...	6.711	5.840	97513367	115.5E6	61.008	55.343
19)	B Endosulfa...	6.944	6.063	115.6E6	138.5E6	57.492	53.070
20)	A Methoxychlor	7.292	6.349	60688388	70393493	56.928	53.285
21)	B Endrin ke...	7.431	6.558	120.1E6	151.1E6	57.673	53.437
22)	Mirex	7.887	6.730	93536554	114.7E6	58.733	54.139

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111822\
Data File : PL079254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2022 19:28
Operator : AR\AJ
Sample : N5598-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

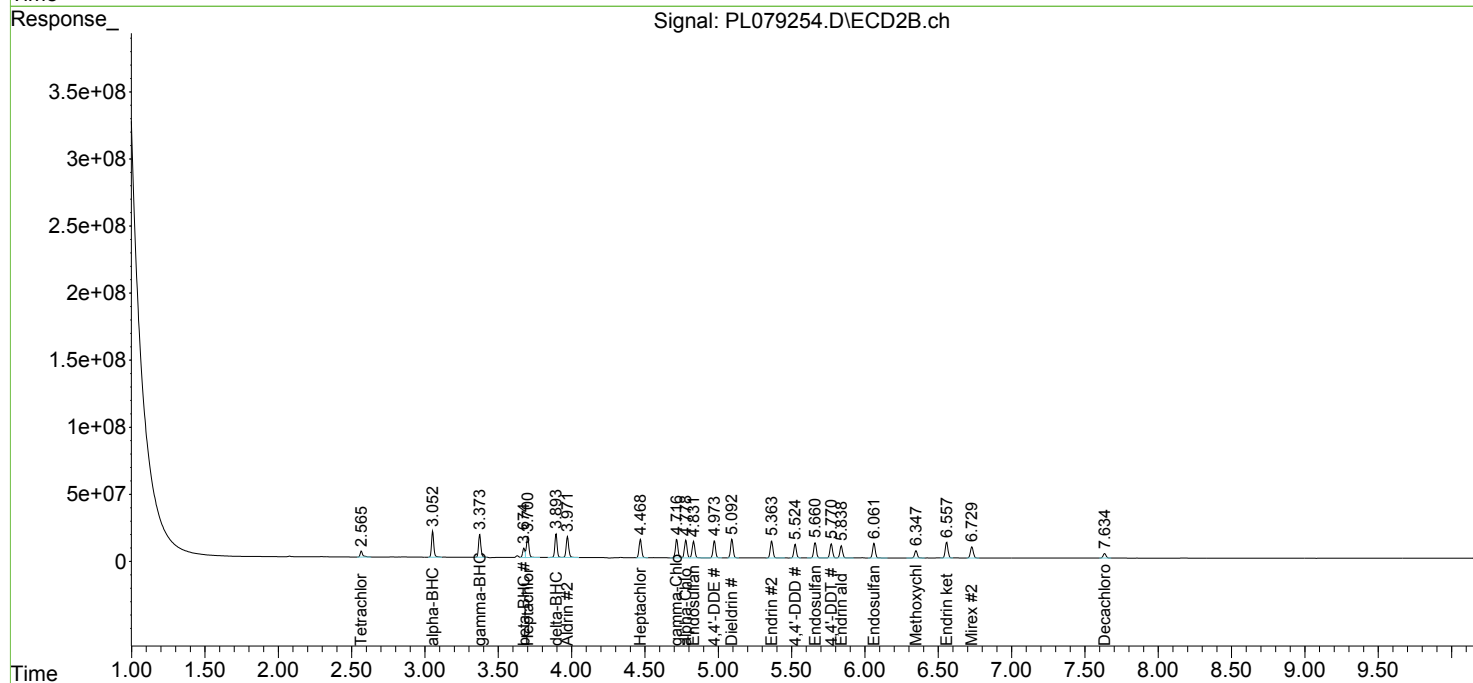
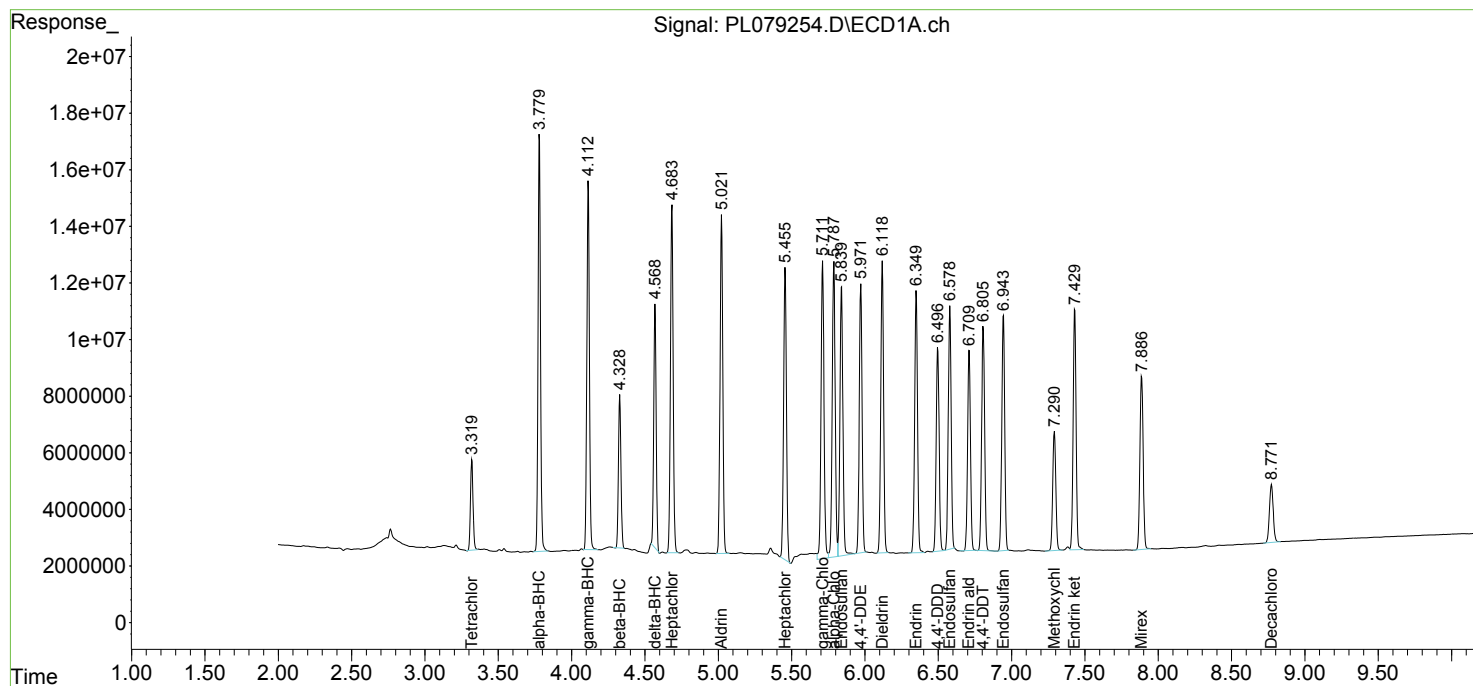
Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

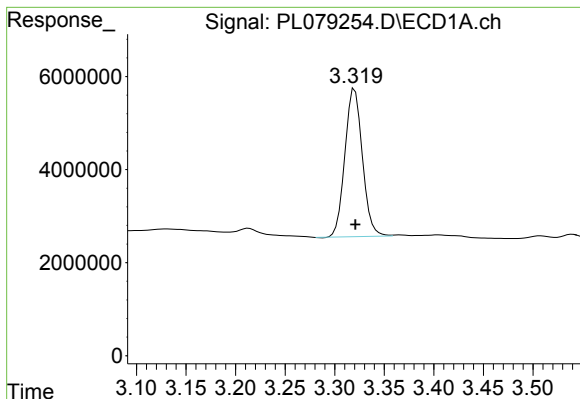
Manual Integrations
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Supervised By : Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 08:27:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
Quant Title : GC Extractables
QLast Update : Wed Nov 16 15:31:11 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





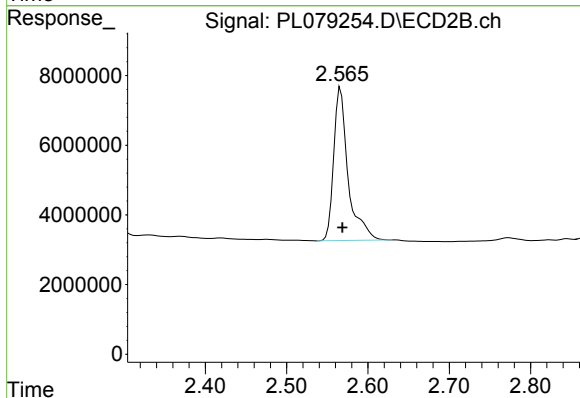
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 38941163
Conc: 18.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
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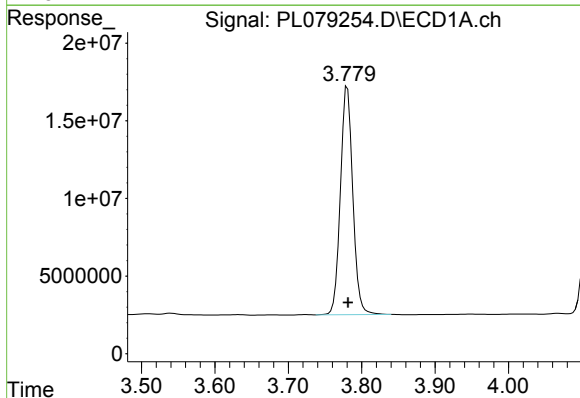
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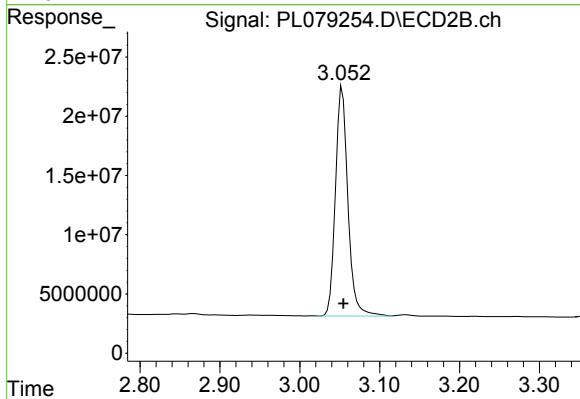
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.002 min
Response: 54246553
Conc: 21.30 ng/ml



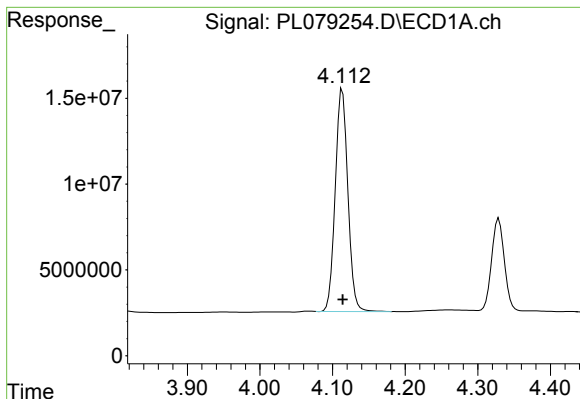
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 172276747
Conc: 54.67 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: -0.001 min
Response: 209930495
Conc: 51.92 ng/ml



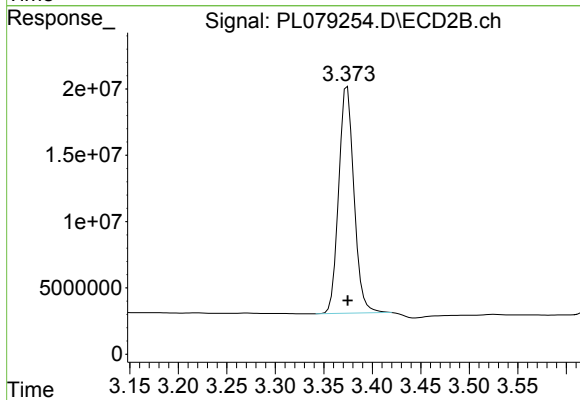
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 156276567
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

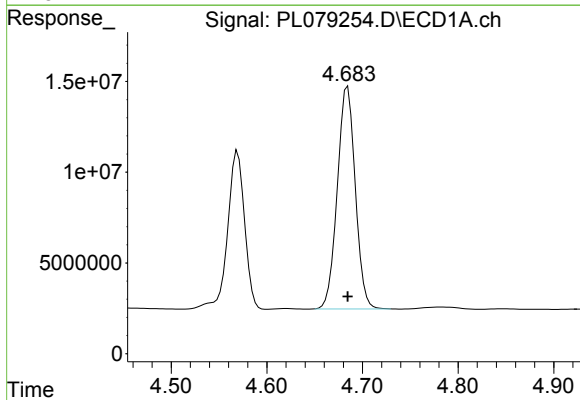
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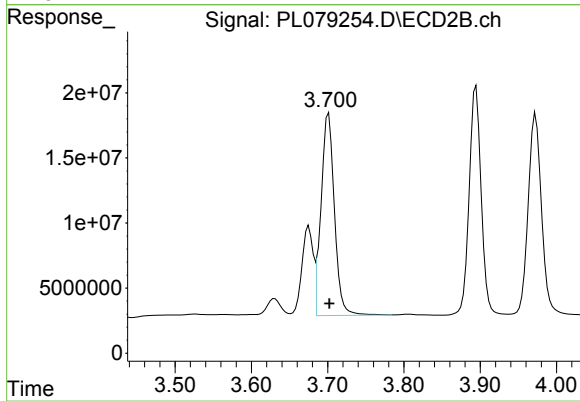
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: -0.002 min
Response: 186911567
Conc: 52.68 ng/ml m



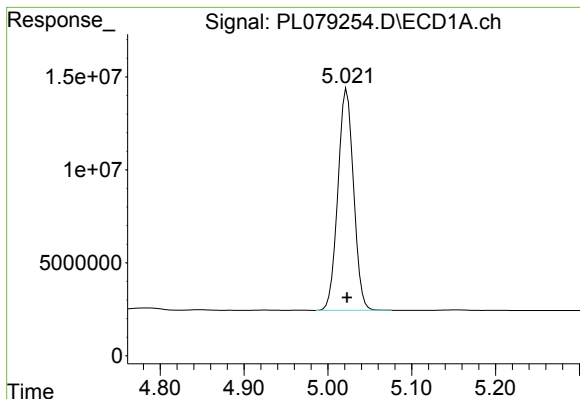
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 160085377
Conc: 53.51 ng/ml



#4 Heptachlor

R.T.: 3.701 min
Delta R.T.: 0.000 min
Response: 190306482
Conc: 52.39 ng/ml



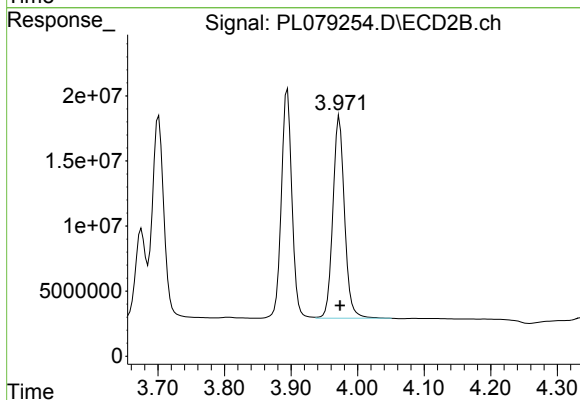
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 154688728
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

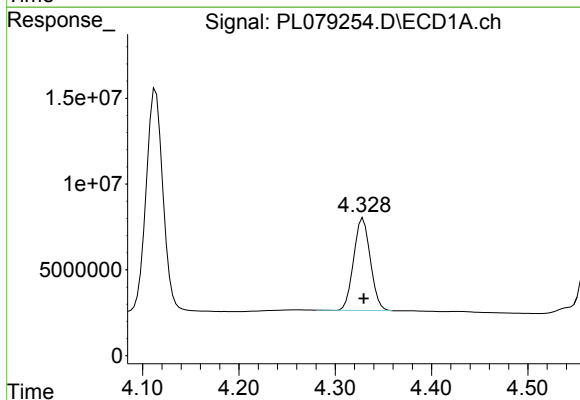
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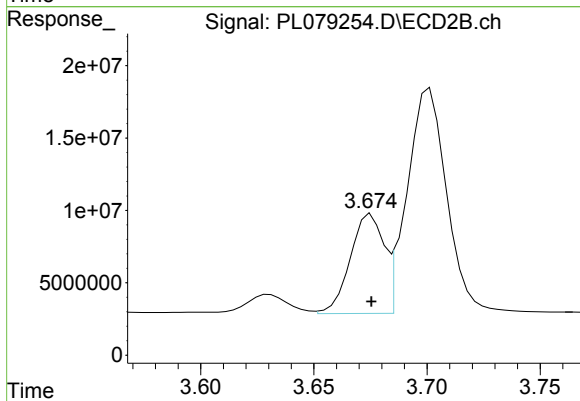
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 189285984
Conc: 54.19 ng/ml



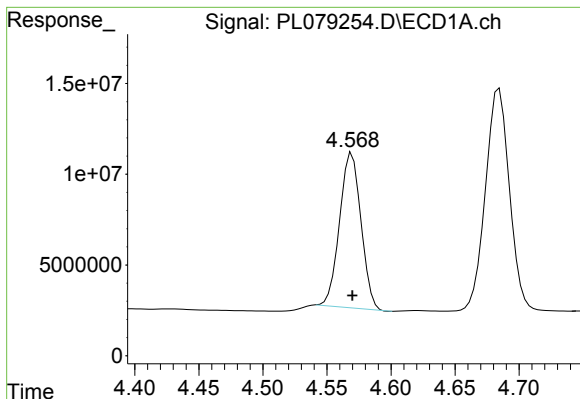
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 64511191
Conc: 49.06 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 71235996
Conc: 50.96 ng/ml



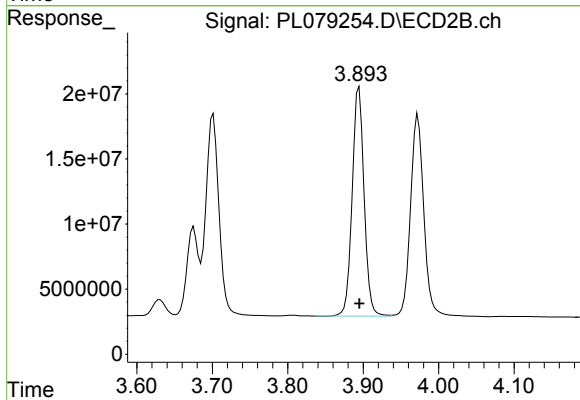
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 99217963
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

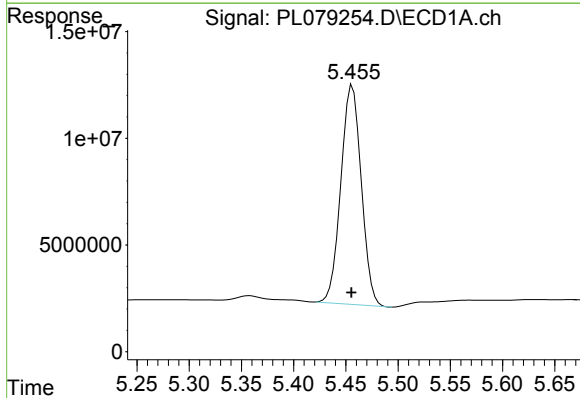
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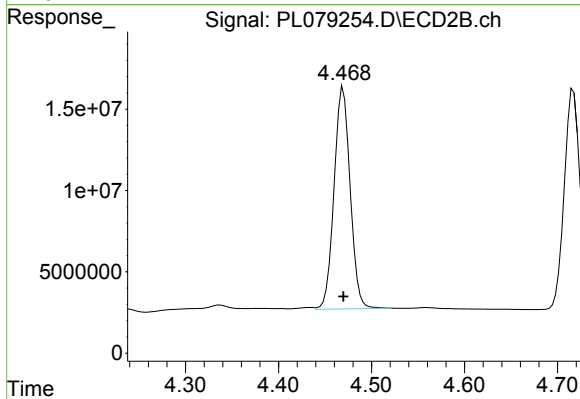
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 193639711
Conc: 53.93 ng/ml



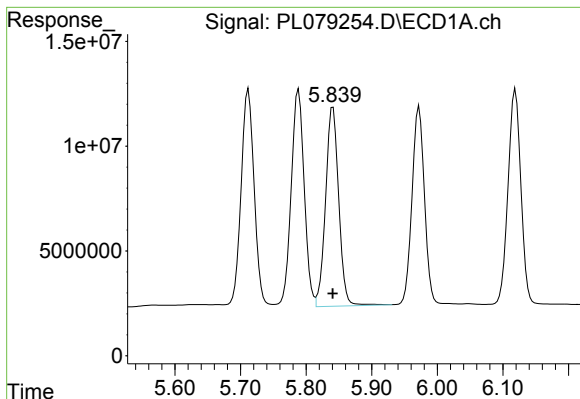
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: 0.001 min
Response: 139977603
Conc: 59.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 164159880
Conc: 52.87 ng/ml



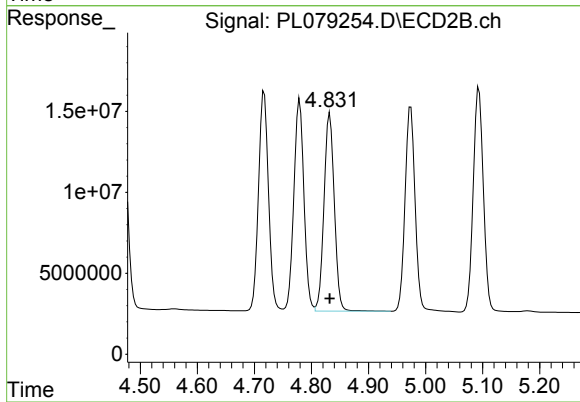
#9 Endosulfan I

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 132674334
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

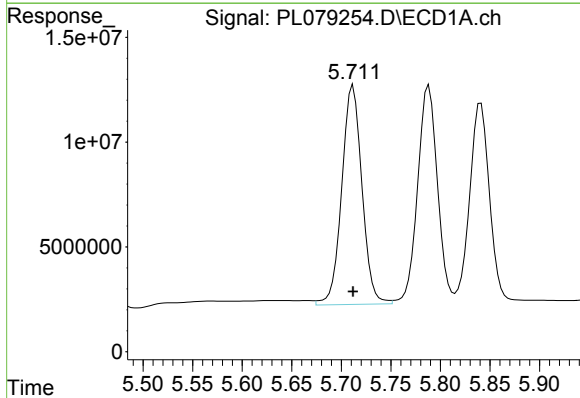
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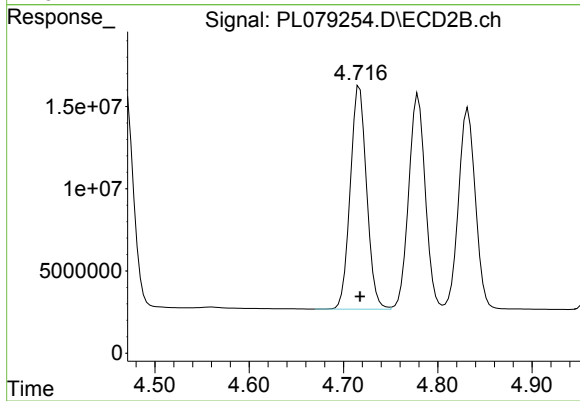
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 152849489
Conc: 51.72 ng/ml



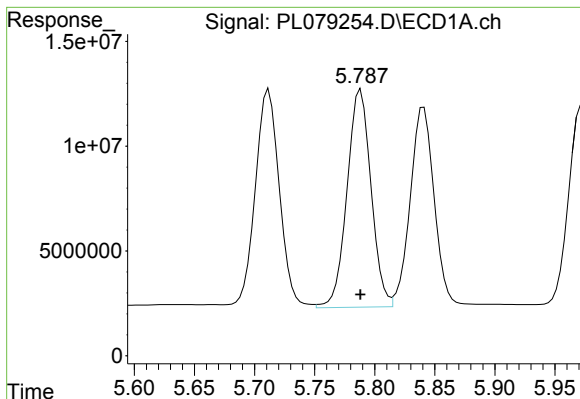
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 148327833
Conc: 58.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 163917403
Conc: 52.90 ng/ml



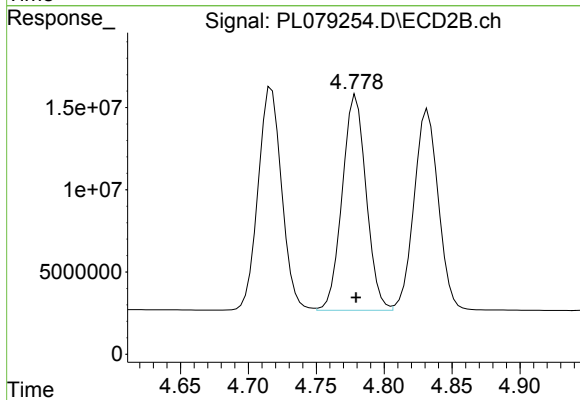
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 144616039
Conc: 56.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

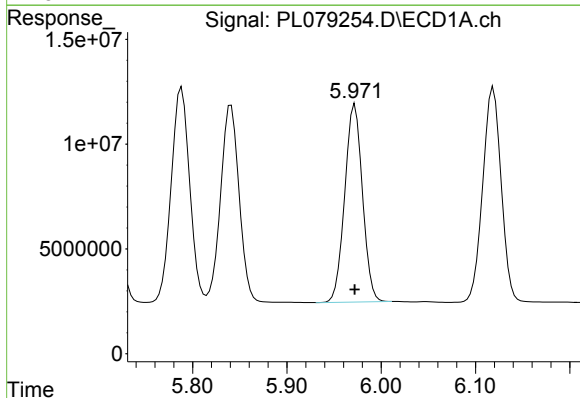
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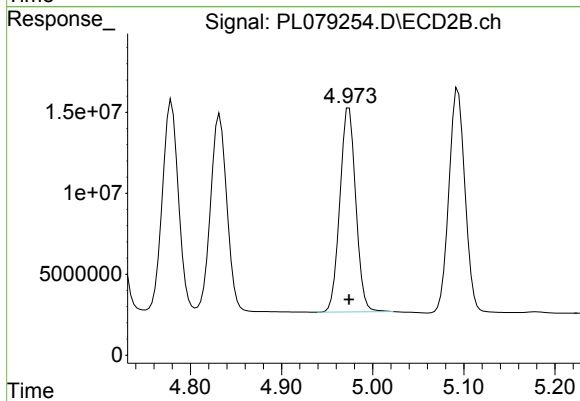
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 160692491
Conc: 52.64 ng/ml



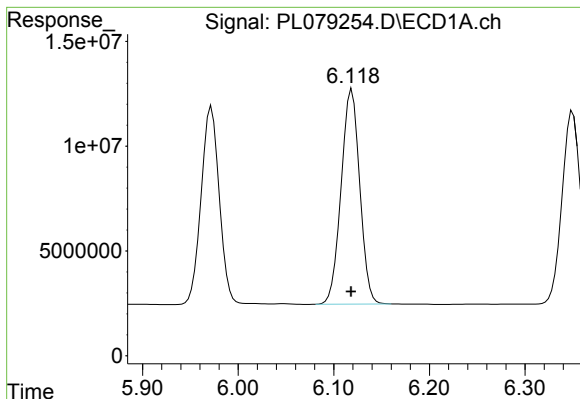
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 123590828
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 152819274
Conc: 53.36 ng/ml



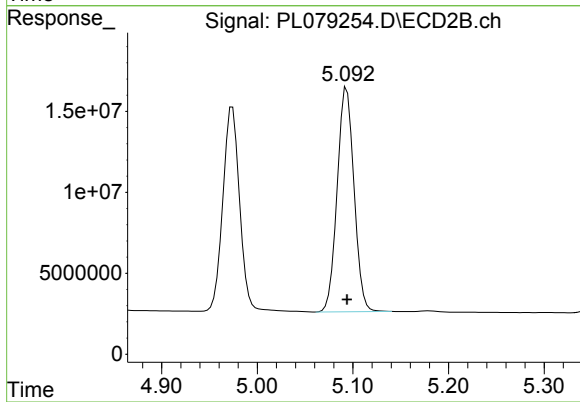
#13 Dieldrin

R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 139032914
Conc: 57.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

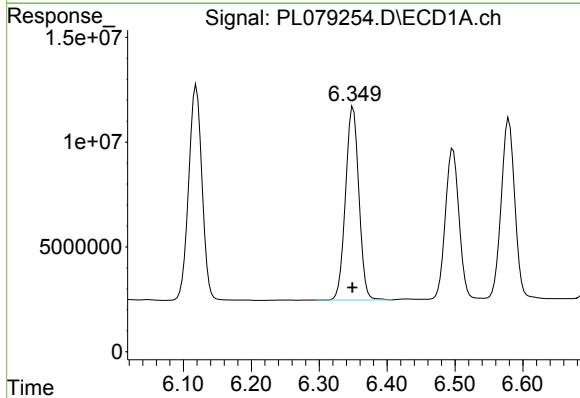
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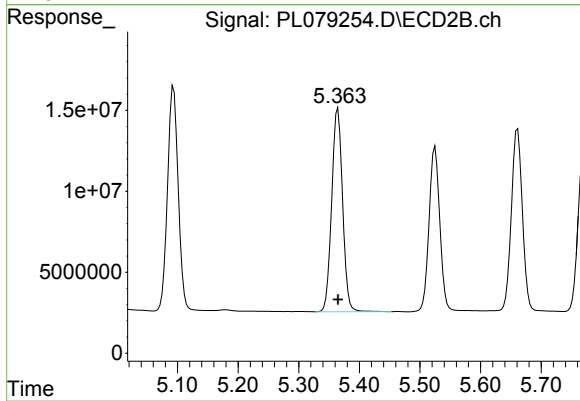
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 169737167
Conc: 55.20 ng/ml



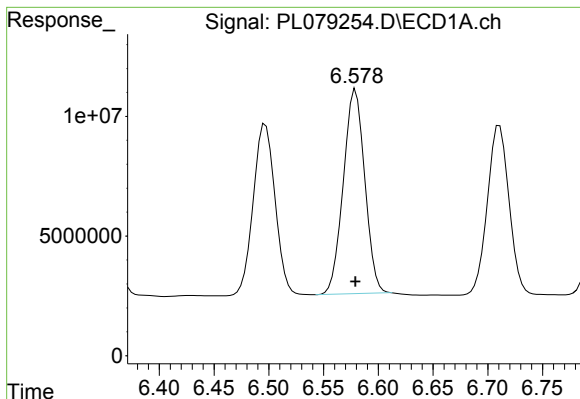
#14 Endrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 126248668
Conc: 57.05 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 157029074
Conc: 60.12 ng/ml



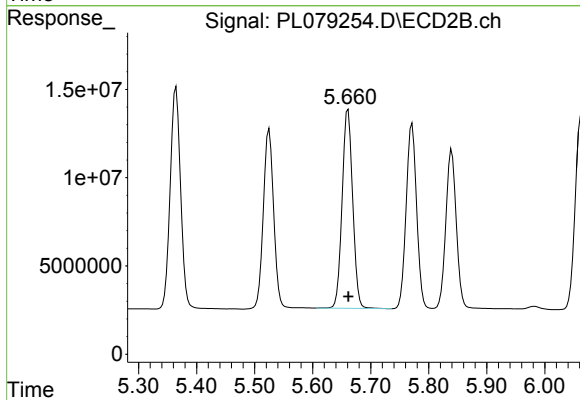
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 116397419
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
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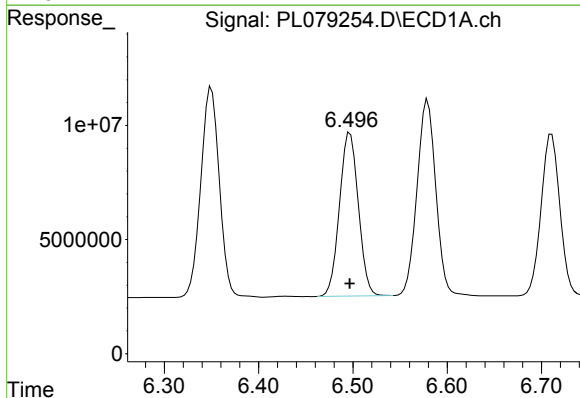
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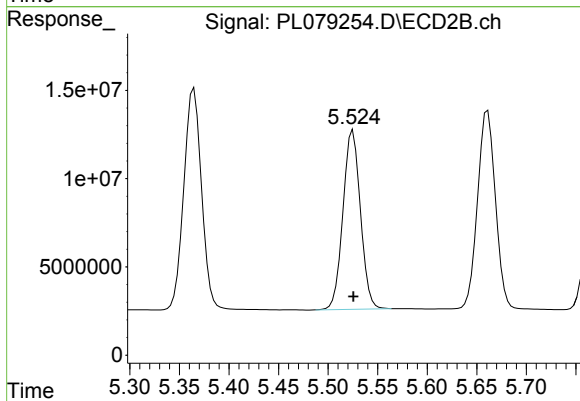
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 142670683
Conc: 53.30 ng/ml



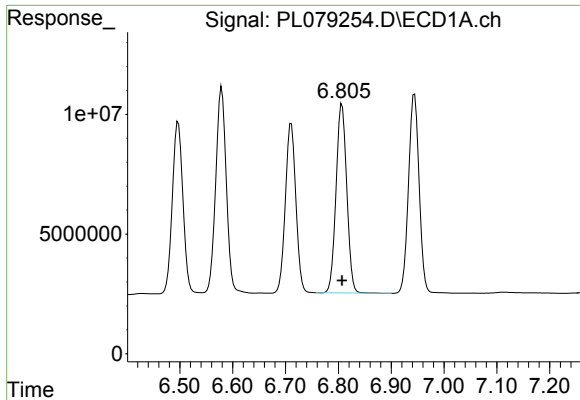
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 99585803
Conc: 56.70 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 124244521
Conc: 53.13 ng/ml



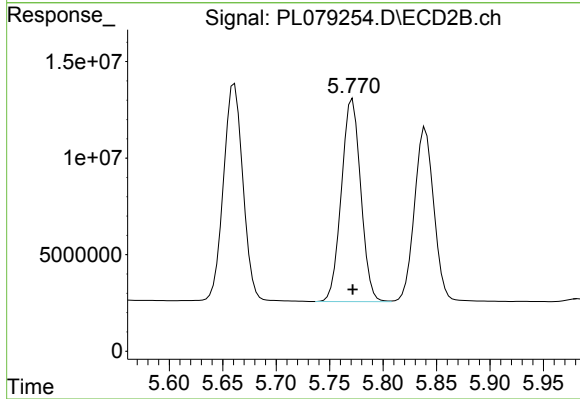
#17 4,4'-DDT

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 111165049
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

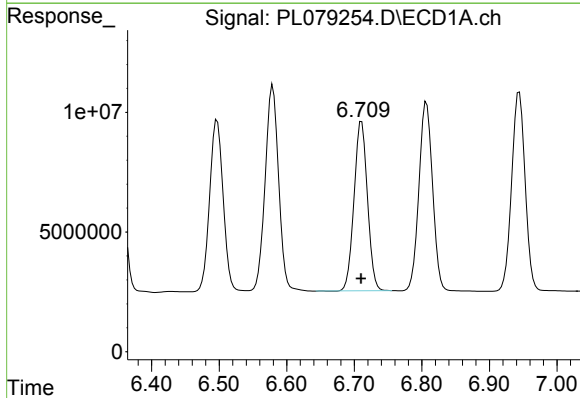
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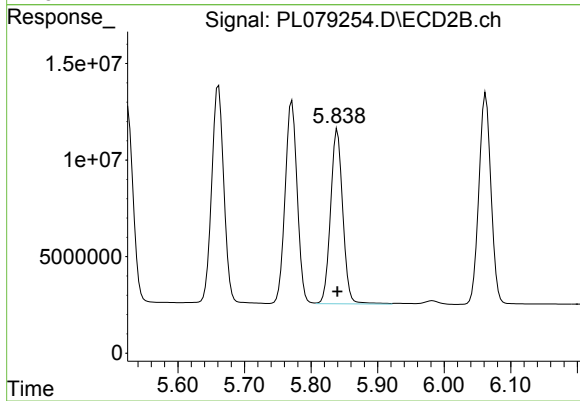
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 132232093
Conc: 54.18 ng/ml



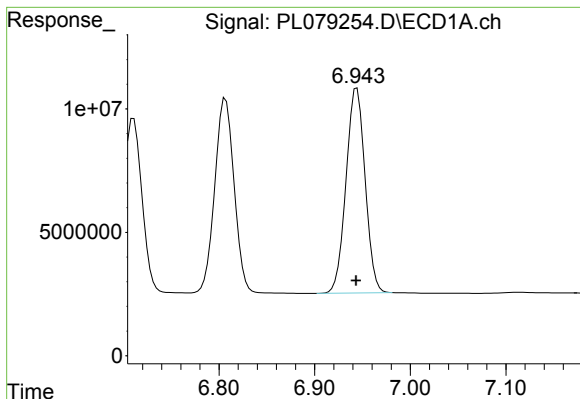
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 97513367
Conc: 61.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 115515192
Conc: 55.34 ng/ml



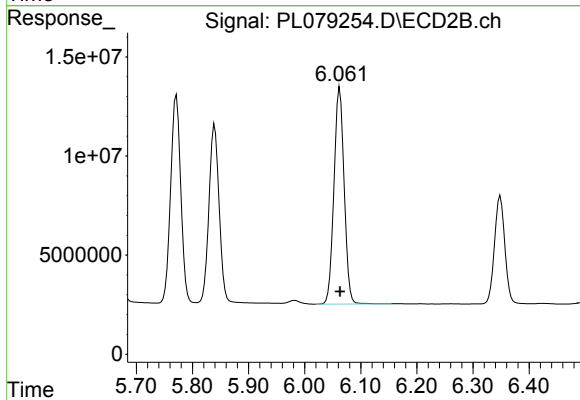
#19 Endosulfan Sulfate

R.T.: 6.944 min
Delta R.T.: 0.001 min
Response: 115556014
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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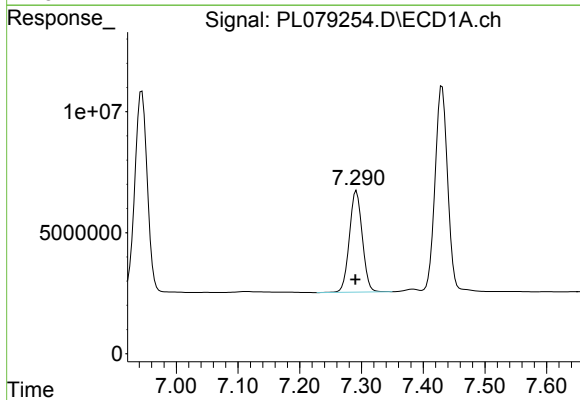
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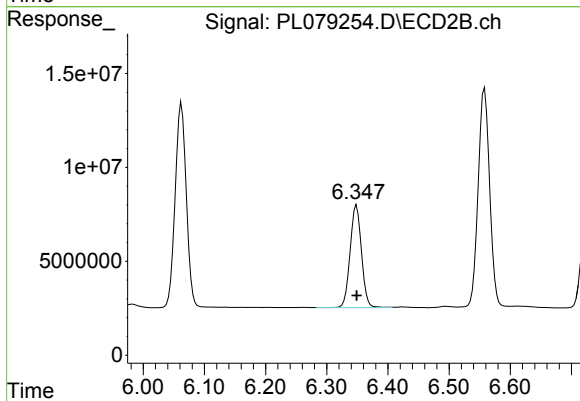
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 138464023
Conc: 53.07 ng/ml



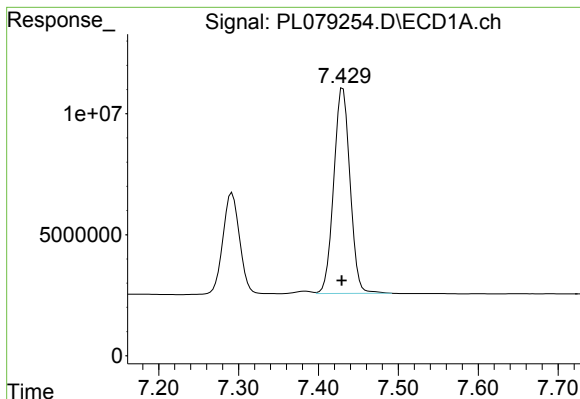
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 60688388
Conc: 56.93 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 70393493
Conc: 53.29 ng/ml



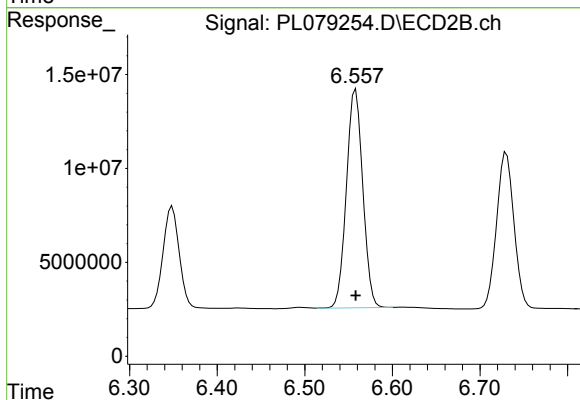
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: 0.001 min
Response: 120078631
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

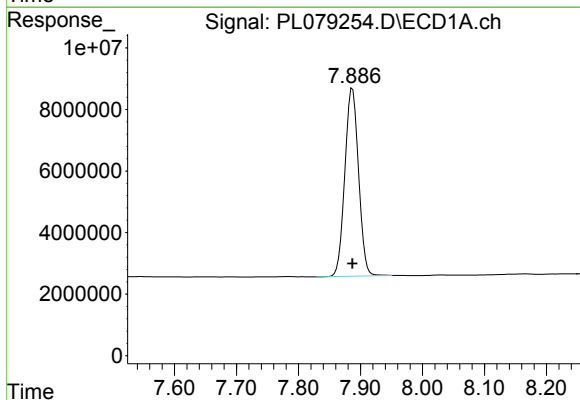
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/21/2022
Supervised By :Ankita Jodhani 11/21/2022



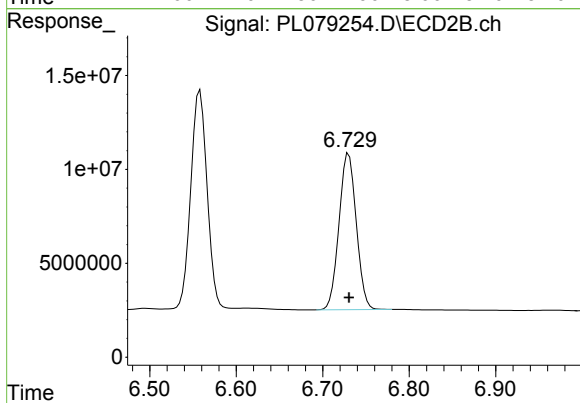
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: 0.000 min
Response: 151149881
Conc: 53.44 ng/ml



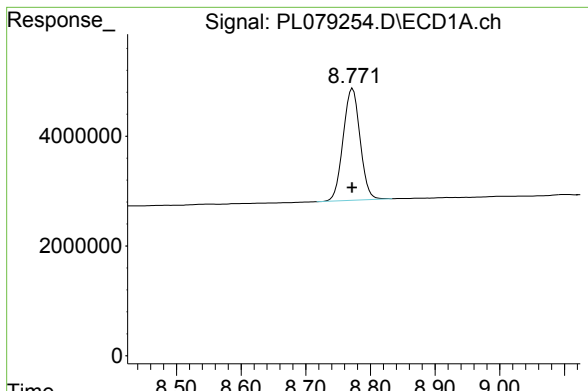
#22 Mirex

R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 93536554
Conc: 58.73 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 114735563
Conc: 54.14 ng/ml



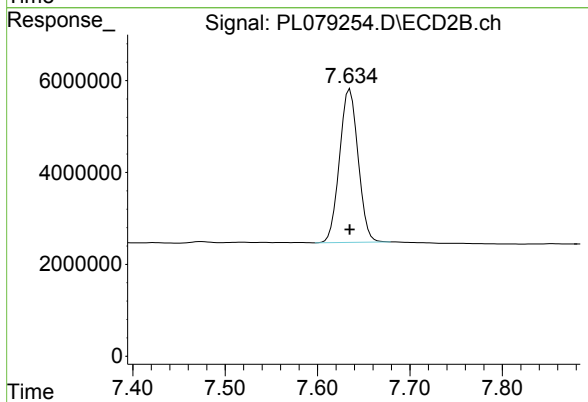
#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: 0.000 min
Response: 37107526
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-0760533MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/21/2022
Supervised By :Ankita Jodhani 11/21/2022



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 46610608
Conc: 22.47 ng/ml