

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 18:28
 Operator : AR\AJ
 Sample : N5870-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ML-4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:31:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.316	2.565	34378448	46053683	15.218m	16.919
28)	SA Decachlor...	8.762	7.631	29175467	36774557	15.023m	15.654
Target Compounds							
2)	A alpha-BHC	3.778	3.051	159.3E6	203.8E6	46.312	47.272
3)	MA gamma-BHC...	4.111	3.372	152.8E6	185.5E6	47.142	47.633
4)	MA Heptachlor	4.681	3.699	148.8E6	182.9E6	45.154	47.545
5)	MB Aldrin	5.019	3.970	145.0E6	185.3E6	46.707	49.917
6)	B beta-BHC	4.324	3.673	62225329	68185083	44.070m	45.001
7)	B delta-BHC	4.566	3.892	133.7E6	186.2E6	48.197	48.410
8)	B Heptachlo...	5.451	4.467	131.1E6	163.0E6	45.935	48.297
9)	A Endosulfan I	5.836	4.829	119.8E6	153.5E6	45.061	47.964
10)	B gamma-Chl...	5.707	4.715	132.8E6	163.8E6	46.406	48.414
11)	B alpha-Chl...	5.783	4.776	131.0E6	160.7E6	45.458	47.990
12)	B 4,4'-DDE	5.967	4.971	115.8E6	153.4E6	46.357	50.028
13)	MA Dieldrin	6.113	5.091	128.6E6	168.5E6	46.873	49.988
14)	MA Endrin	6.344	5.361	112.9E6	151.5E6	46.681	50.092
15)	B Endosulfa...	6.574	5.658	112.8E6	141.7E6	49.965	50.638
16)	A 4,4'-DDD	6.492	5.522	95938802	124.3E6	48.356	49.689
17)	MA 4,4'-DDT	6.801	5.768	99656897	125.2E6	43.933	47.904
18)	B Endrin al...	6.705	5.836	92200984	111.5E6	50.907	52.403
19)	B Endosulfa...	6.938	6.059	108.6E6	134.3E6	46.822	47.613
20)	A Methoxychlor	7.286	6.345	53216287	65178513	44.112	47.955
21)	B Endrin ke...	7.424	6.555	112.9E6	147.9E6	45.769	48.006
22)	Mirex	7.880	6.726	87314798	111.2E6	46.098	47.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\p1120522\
 Data File : PL079585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 18:28
 Operator : AR\AJ
 Sample : N5870-04MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

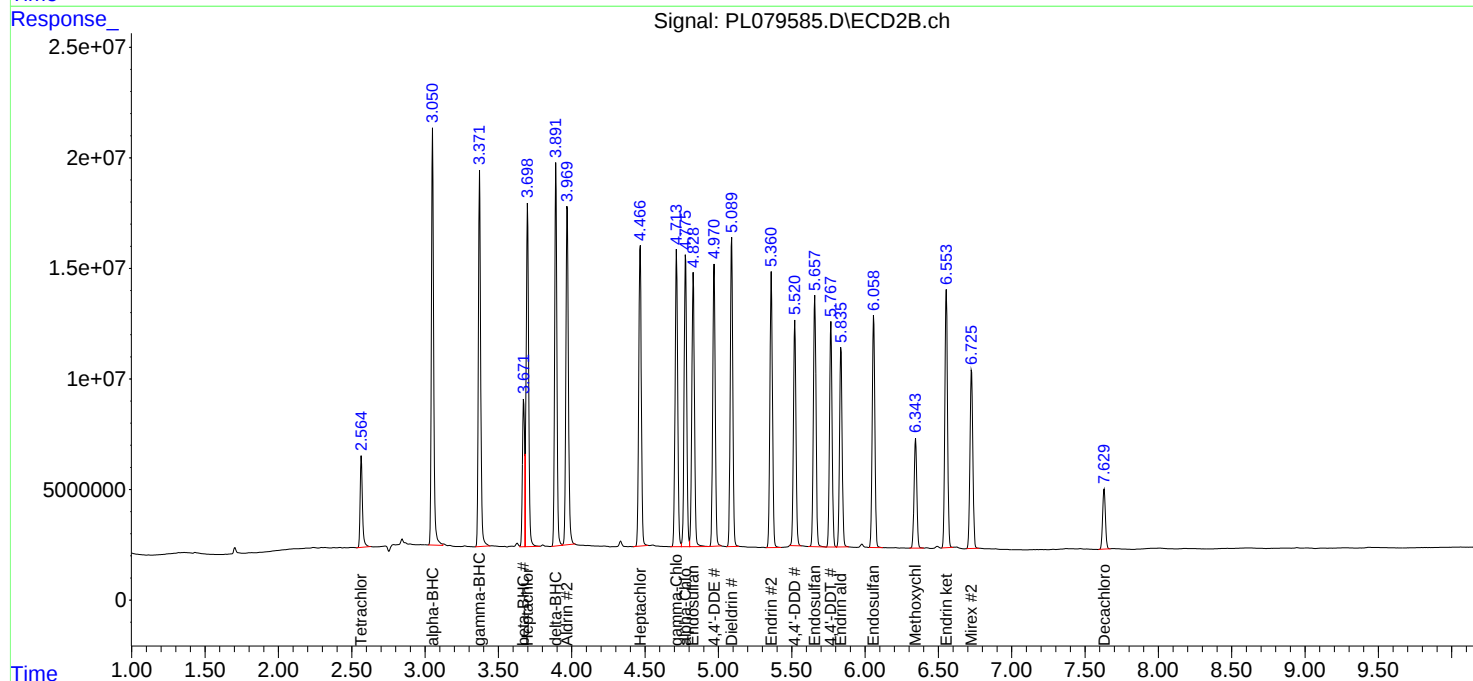
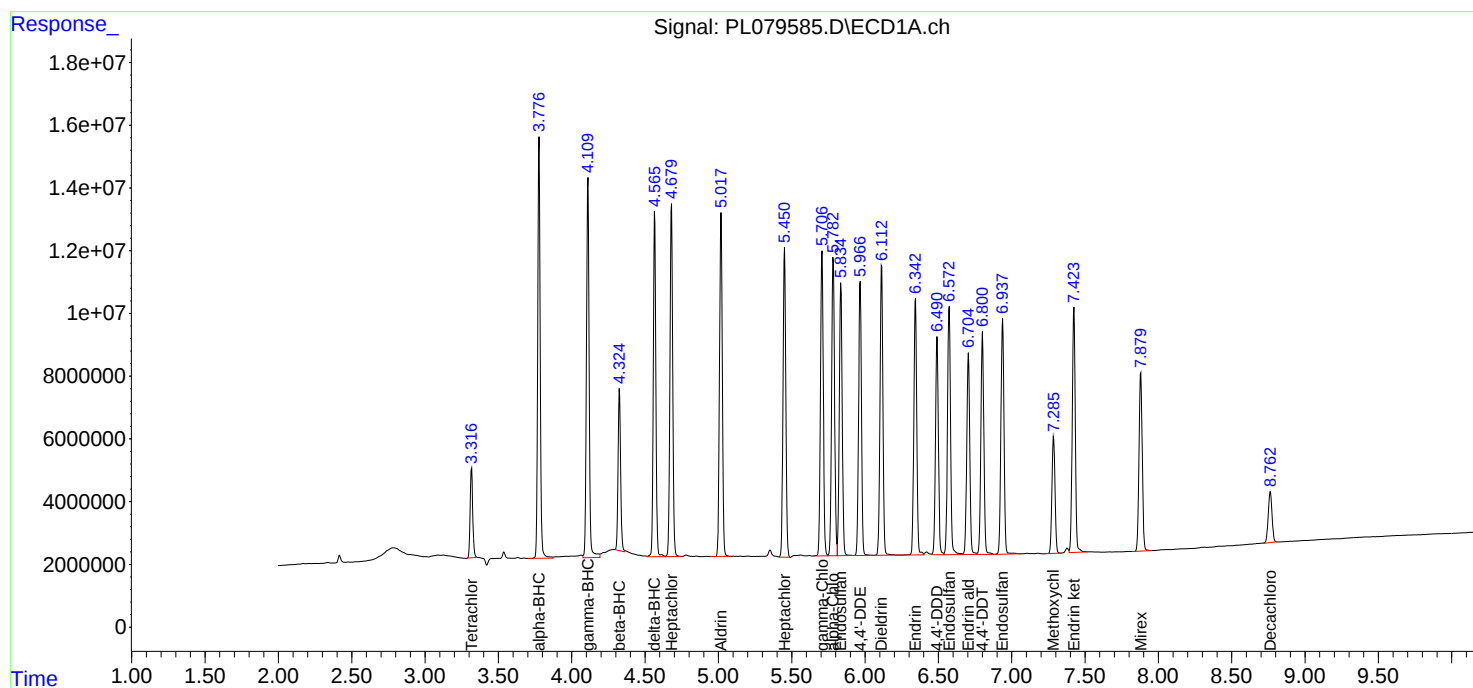
Instrument :
 ECD_L
 ClientSampleId :
 ML-4MSD

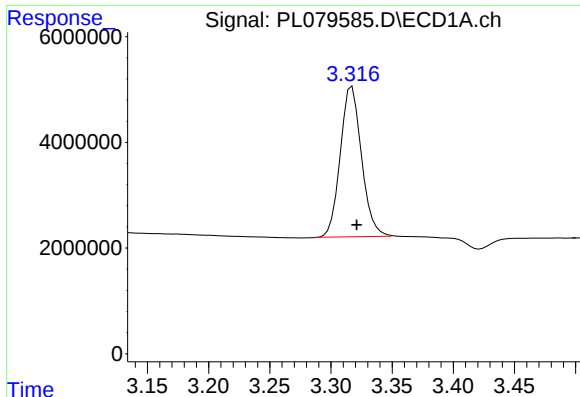
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:31:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
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 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





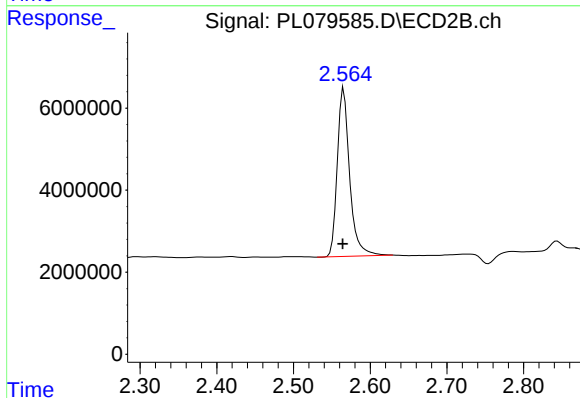
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.005 min
Response: 34378448
Conc: 15.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

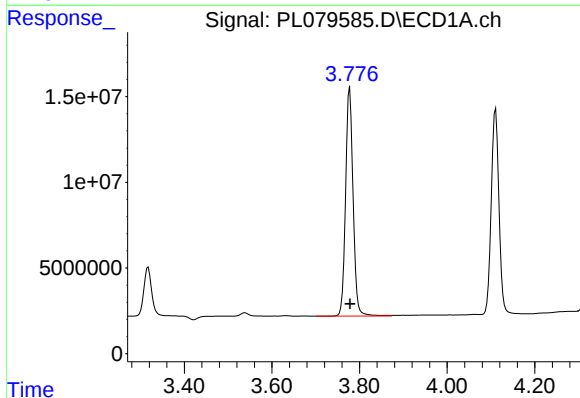
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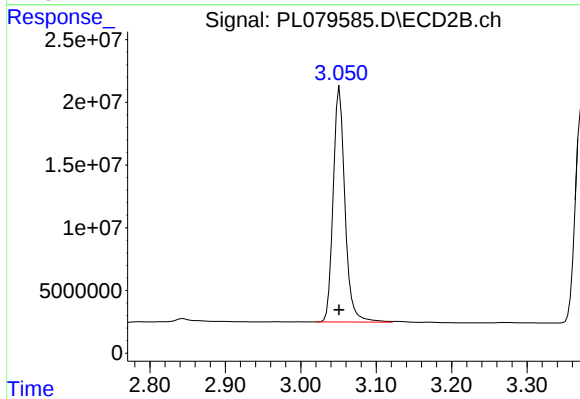
#1 Tetrachloro-m-xylene

R.T.: 2.565 min
Delta R.T.: 0.001 min
Response: 46053683
Conc: 16.92 ng/ml



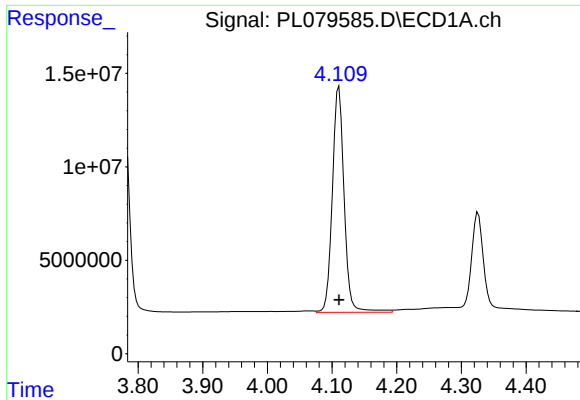
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 159255386
Conc: 46.31 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 203836207
Conc: 47.27 ng/ml



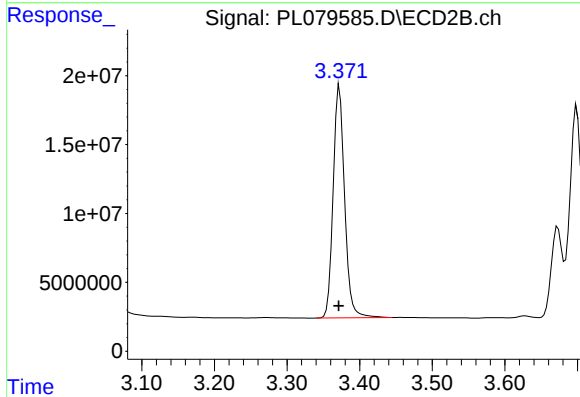
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: 0.000 min
Response: 152776396
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

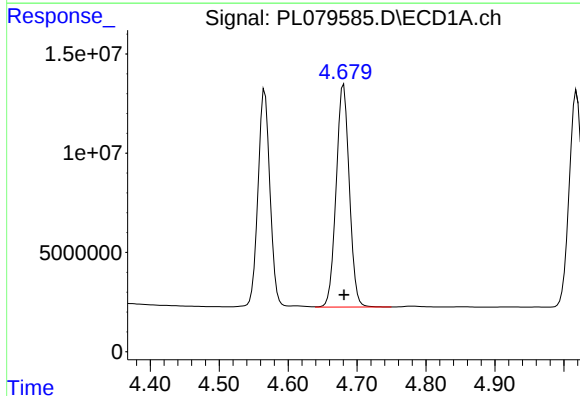
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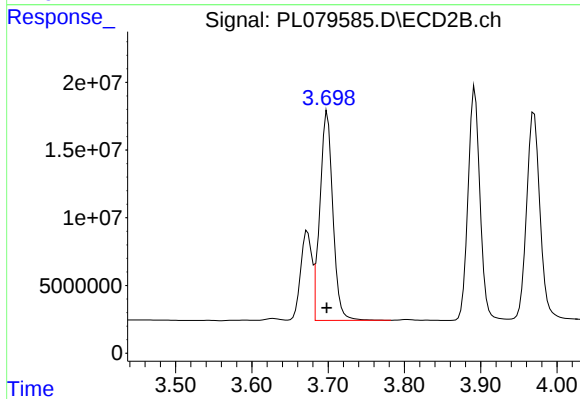
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 185465659
Conc: 47.63 ng/ml



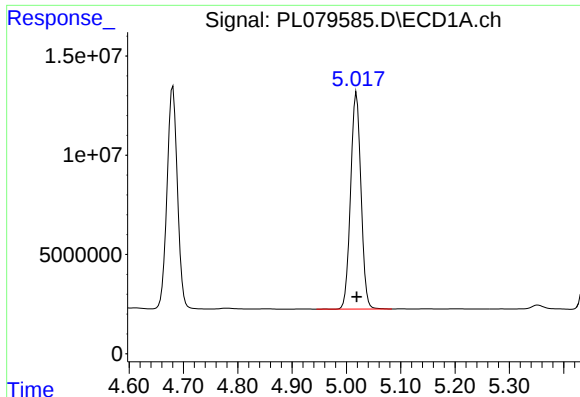
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 148791838
Conc: 45.15 ng/ml



#4 Heptachlor

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 182941377
Conc: 47.54 ng/ml



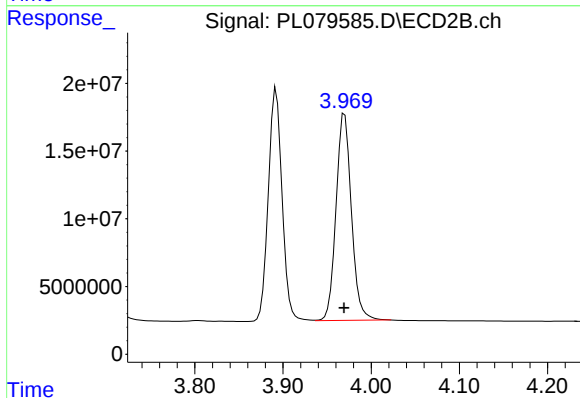
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 145041629
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

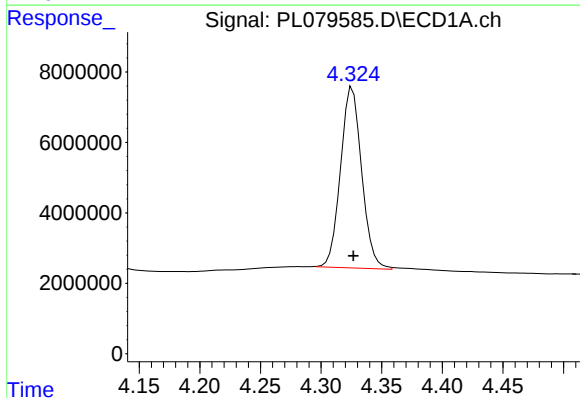
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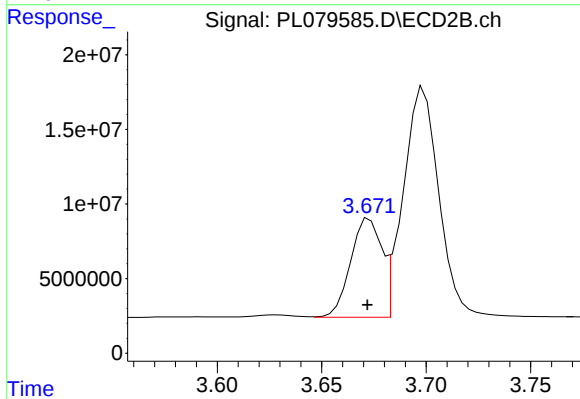
#5 Aldrin

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 185336497
Conc: 49.92 ng/ml



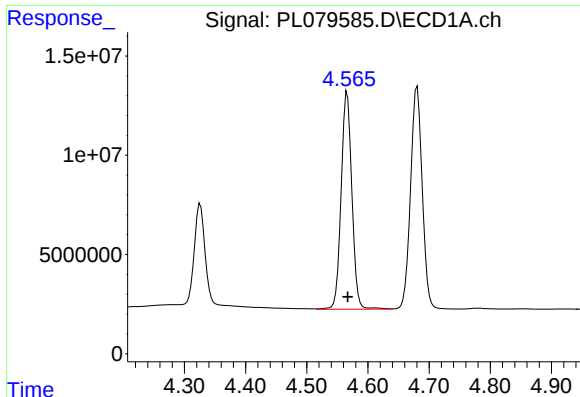
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 62225329
Conc: 44.07 ng/ml m



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.001 min
Response: 68185083
Conc: 45.00 ng/ml



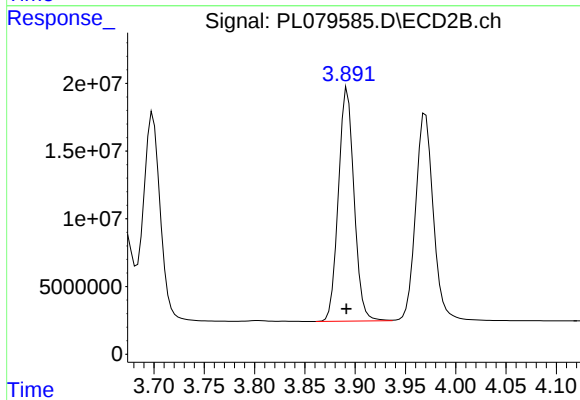
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 133716668
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

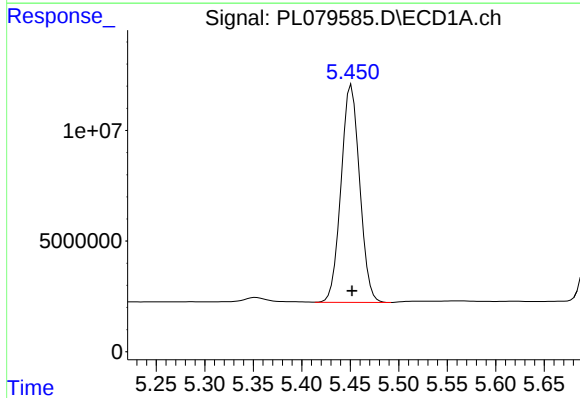
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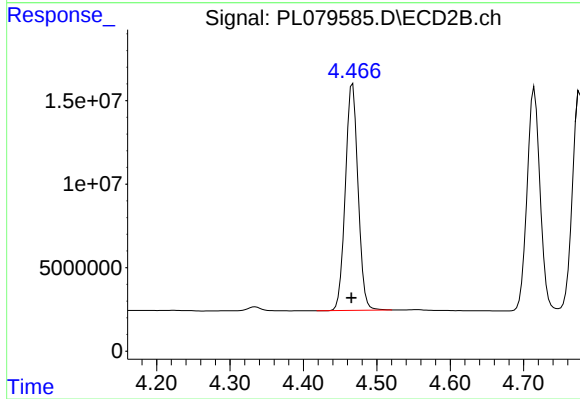
#7 delta-BHC

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 186243815
Conc: 48.41 ng/ml



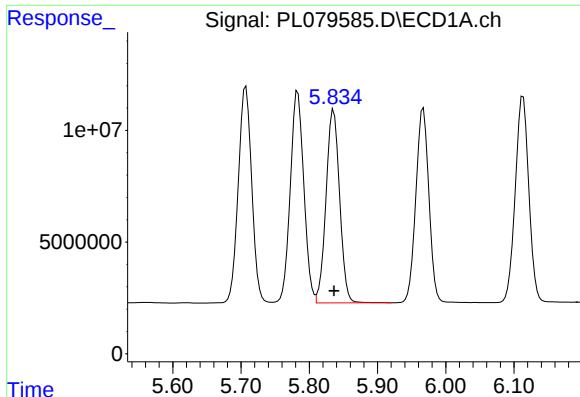
#8 Heptachlor epoxide

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 131144399
Conc: 45.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.467 min
Delta R.T.: 0.002 min
Response: 163018846
Conc: 48.30 ng/ml



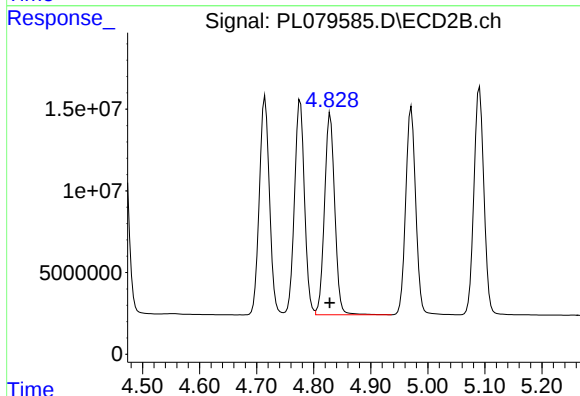
#9 Endosulfan I

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 119804436
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

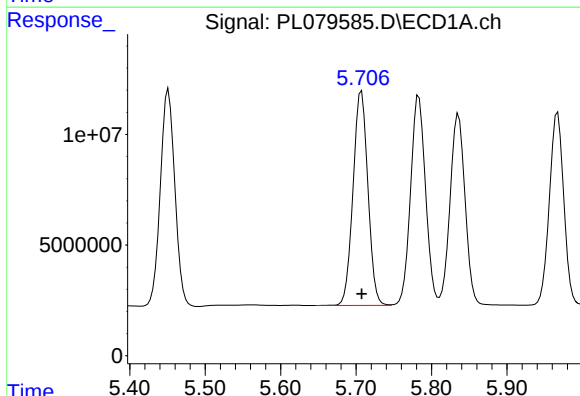
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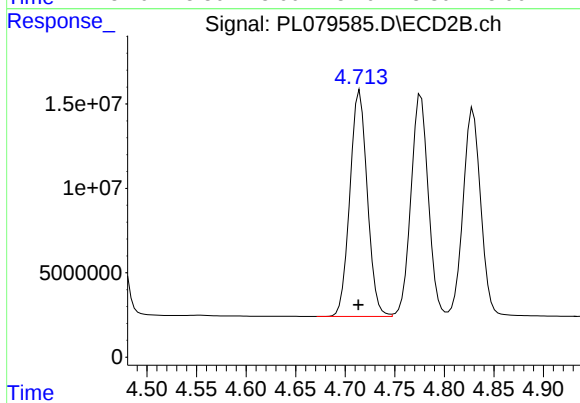
#9 Endosulfan I

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 153473630
Conc: 47.96 ng/ml



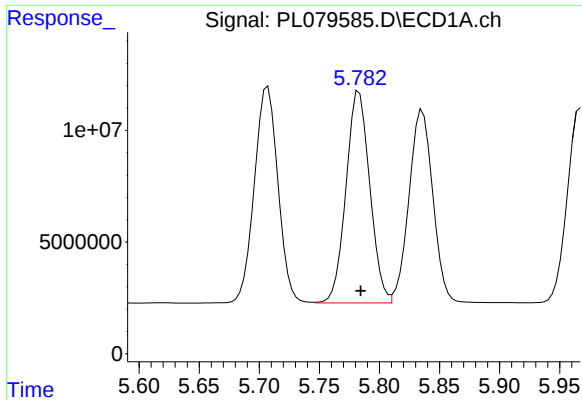
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 132777723
Conc: 46.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.715 min
Delta R.T.: 0.001 min
Response: 163844425
Conc: 48.41 ng/ml



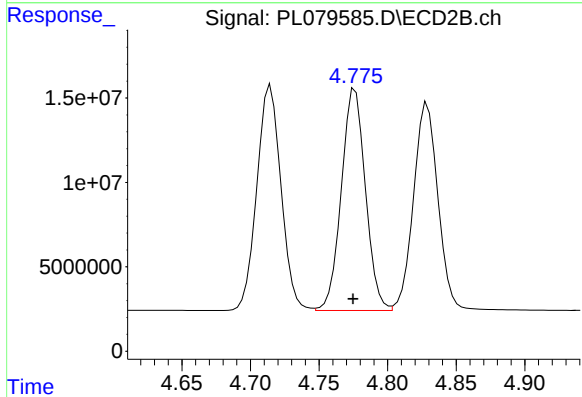
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 130992764
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

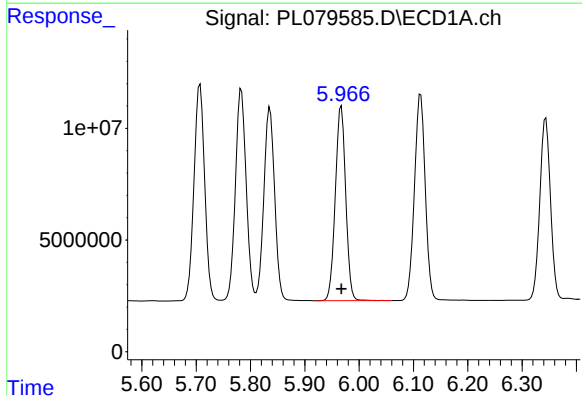
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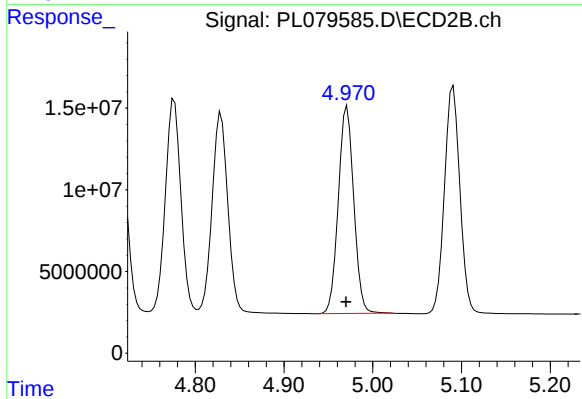
#11 alpha-Chlordane

R.T.: 4.776 min
Delta R.T.: 0.002 min
Response: 160728698
Conc: 47.99 ng/ml



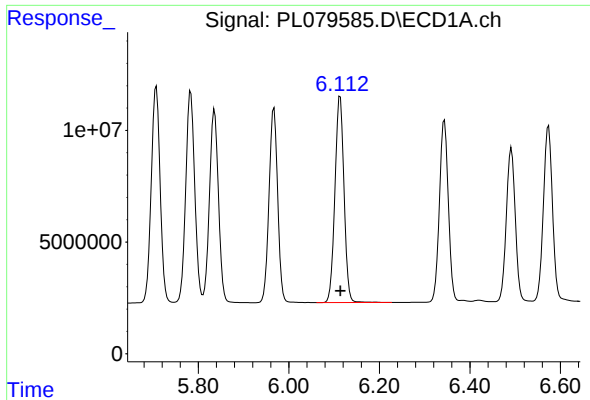
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 115817111
Conc: 46.36 ng/ml



#12 4,4'-DDE

R.T.: 4.971 min
Delta R.T.: 0.001 min
Response: 153390453
Conc: 50.03 ng/ml



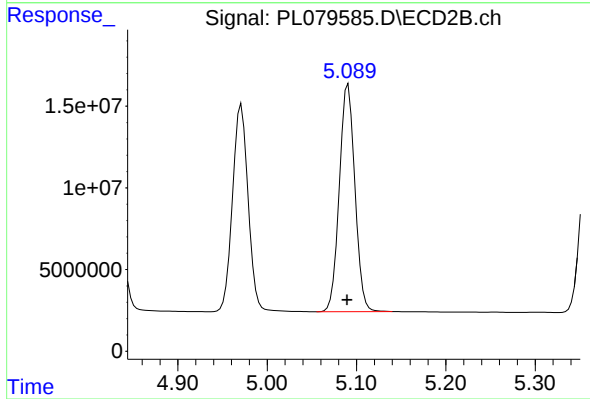
#13 Dieldrin

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 128565707
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

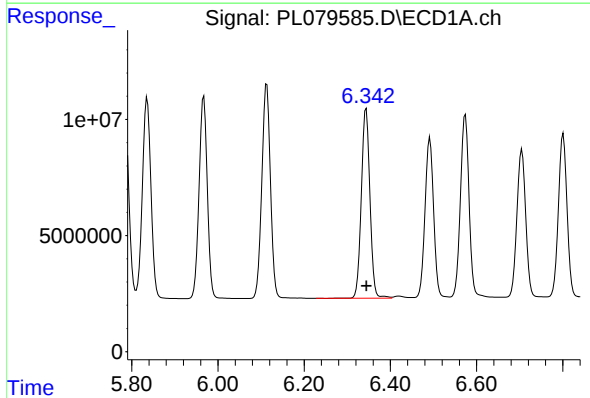
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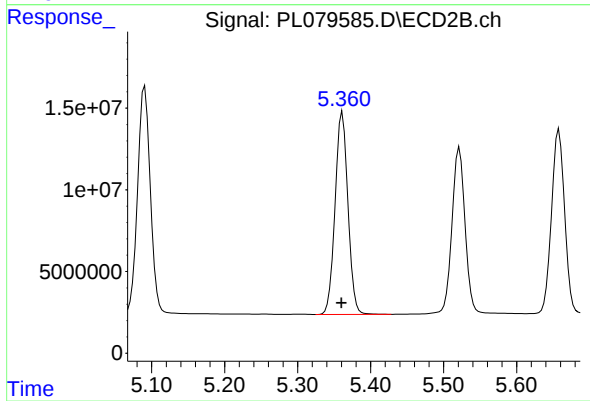
#13 Dieldrin

R.T.: 5.091 min
Delta R.T.: 0.001 min
Response: 168519204
Conc: 49.99 ng/ml



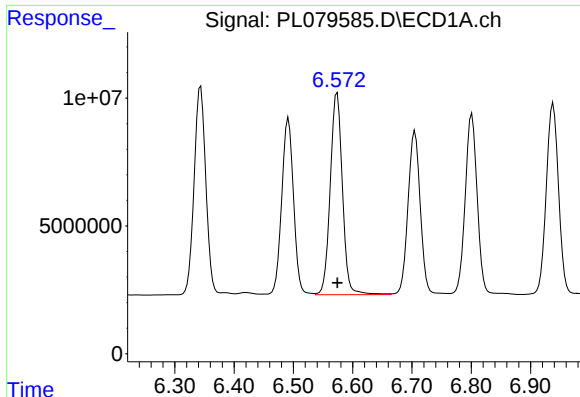
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 112930648
Conc: 46.68 ng/ml



#14 Endrin

R.T.: 5.361 min
Delta R.T.: 0.001 min
Response: 151516017
Conc: 50.09 ng/ml



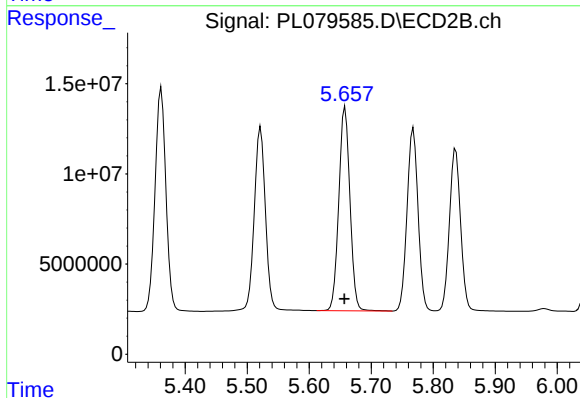
#15 Endosulfan II

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 112793393
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

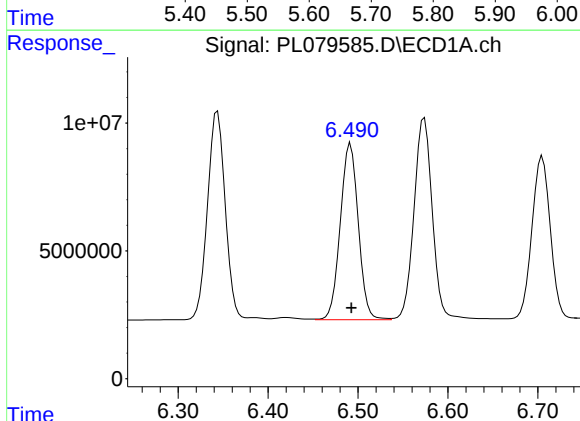
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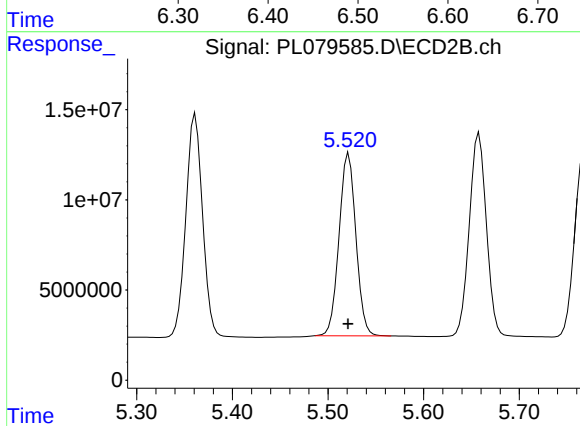
#15 Endosulfan II

R.T.: 5.658 min
Delta R.T.: 0.001 min
Response: 141695630
Conc: 50.64 ng/ml



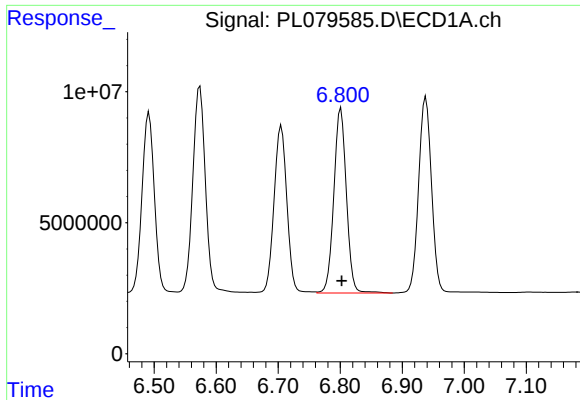
#16 4,4'-DDD

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 95938802
Conc: 48.36 ng/ml



#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 124297869
Conc: 49.69 ng/ml



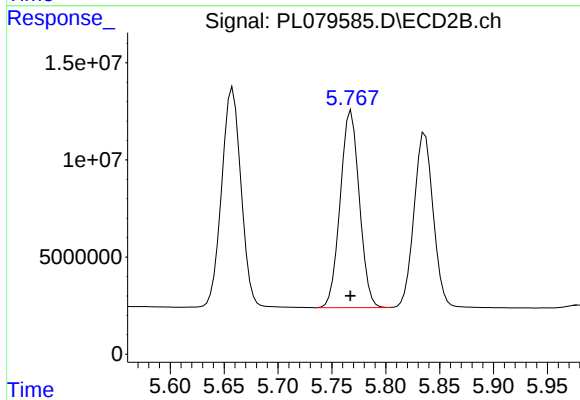
#17 4,4'-DDT

R.T.: 6.801 min
Delta R.T.: -0.001 min
Response: 99656897
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

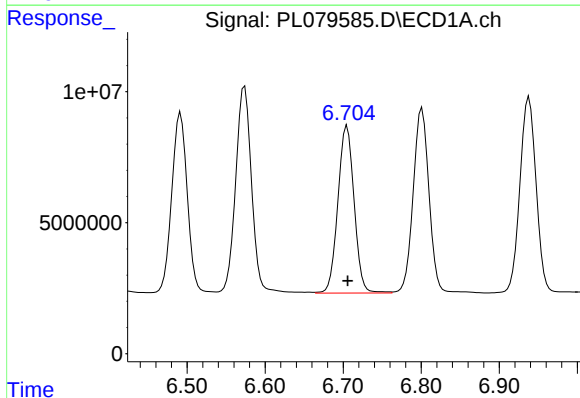
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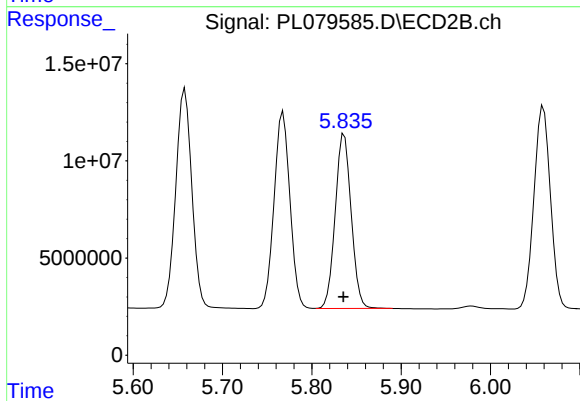
#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 125200948
Conc: 47.90 ng/ml



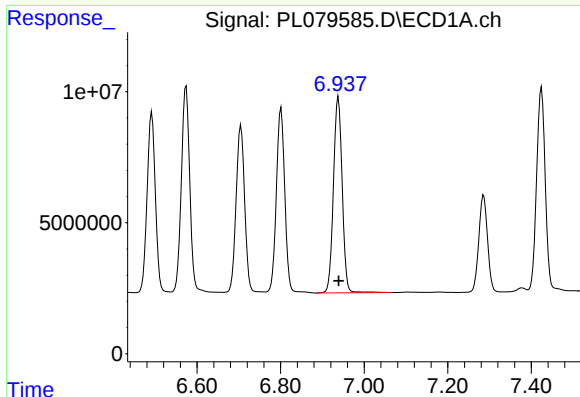
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 92200984
Conc: 50.91 ng/ml



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 111536014
Conc: 52.40 ng/ml



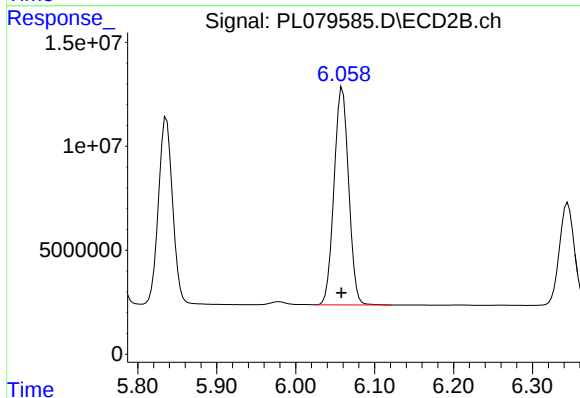
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 108576729
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

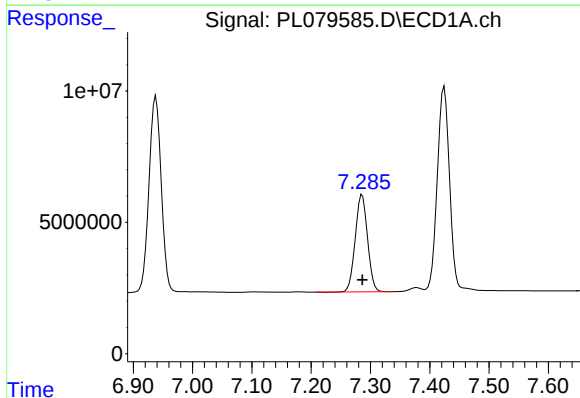
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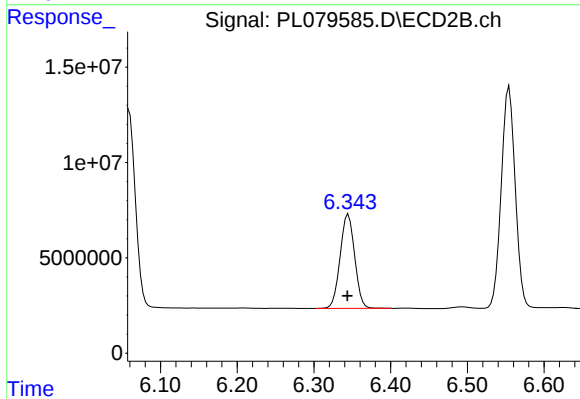
#19 Endosulfan Sulfate

R.T.: 6.059 min
Delta R.T.: 0.002 min
Response: 134349023
Conc: 47.61 ng/ml



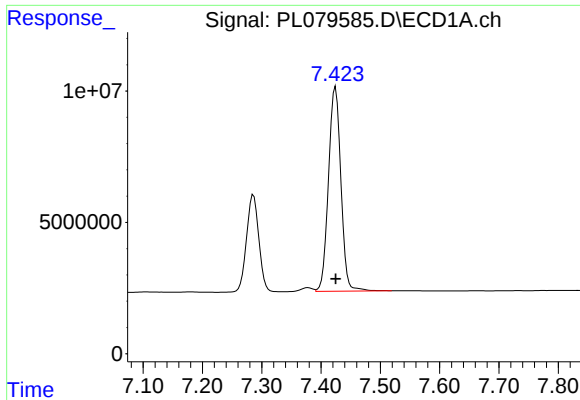
#20 Methoxychlor

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 53216287
Conc: 44.11 ng/ml



#20 Methoxychlor

R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 65178513
Conc: 47.95 ng/ml



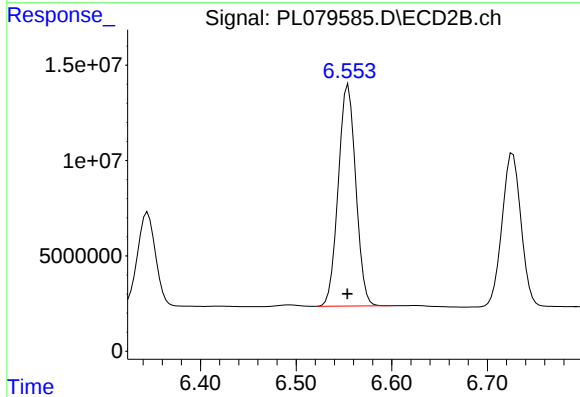
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 112922296
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

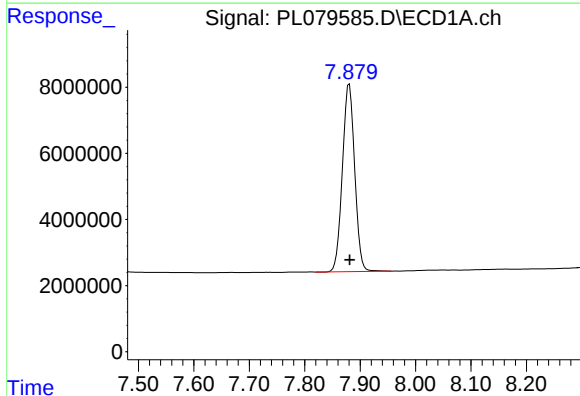
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2022
Supervised By :Ankita Jodhani 12/06/2022



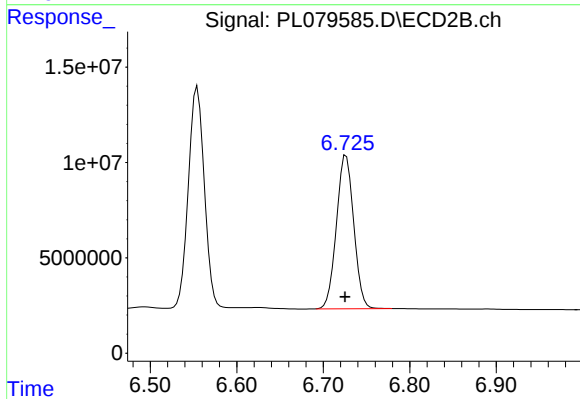
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 147852822
Conc: 48.01 ng/ml



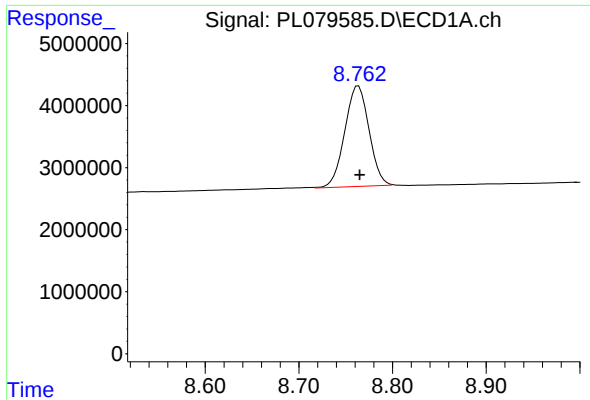
#22 Mirex

R.T.: 7.880 min
Delta R.T.: -0.001 min
Response: 87314798
Conc: 46.10 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 111216617
Conc: 47.03 ng/ml



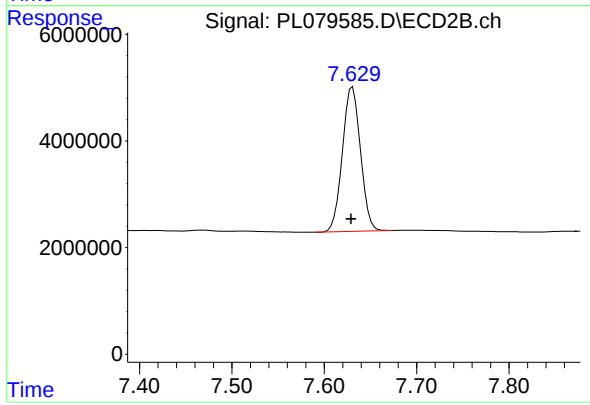
#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 29175467
Conc: 15.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ML-4MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 36774557
Conc: 15.65 ng/ml