

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120122\
 Data File : PL079526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2022 12:54
 Operator : AR\AJ
 Sample : PB149365BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB149365BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2022
 Supervised By :Ankita Jodhani 12/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 20:36:56 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...	3.319	2.564	38517214	45801342	17.050	16.826
28)	SA Decachlor...	8.769	7.630	35444927	40372183	18.251	17.185
Target Compounds							
2)	A alpha-BHC	3.780	3.051	159.1E6	187.0E6	46.256	43.360
3)	MA gamma-BHC...	4.113	3.371	147.7E6	167.0E6	45.573	42.888
4)	MA Heptachlor	4.683	3.698	152.9E6	169.7E6	46.398	44.105
5)	MB Aldrin	5.021	3.969	146.7E6	165.5E6	47.252	44.585
6)	B beta-BHC	4.329	3.672	61538924	62156477	43.584	41.023
7)	B delta-BHC	4.569	3.891	122.9E6	168.3E6	44.301	43.749
8)	B Heptachlo...	5.455	4.466	122.9E6	144.0E6	43.040	42.648
9)	A Endosulfan I	5.839	4.829	120.2E6	138.0E6	45.199	43.118
10)	B gamma-Chl...	5.710	4.714	130.4E6	144.6E6	45.586	42.737
11)	B alpha-Chl...	5.787	4.775	130.3E6	141.7E6	45.217	42.296
12)	B 4,4'-DDE	5.970	4.970	115.5E6	135.8E6	46.212	44.302
13)	MA Dieldrin	6.116	5.090	127.9E6	150.1E6	46.619	44.513
14)	MA Endrin	6.347	5.360	117.1E6	124.6E6	48.423	41.197
15)	B Endosulfa...	6.577	5.656	111.2E6	126.3E6	49.275	45.134m
16)	A 4,4'-DDD	6.495	5.521	90353617	107.5E6	45.541	42.955
17)	MA 4,4'-DDT	6.805	5.767	105.1E6	117.4E6	46.349	44.900
18)	B Endrin al...	6.708	5.836	90633428	100.9E6	50.042	47.427
19)	B Endosulfa...	6.942	6.058	106.3E6	122.8E6	45.834	43.528
20)	A Methoxychlor	7.290	6.344	56519436	62997176	46.850	46.350
21)	B Endrin ke...	7.428	6.554	113.0E6	134.1E6	45.793	43.537
22)	Mirex	7.884	6.726	88607946	102.3E6	46.781	43.271

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

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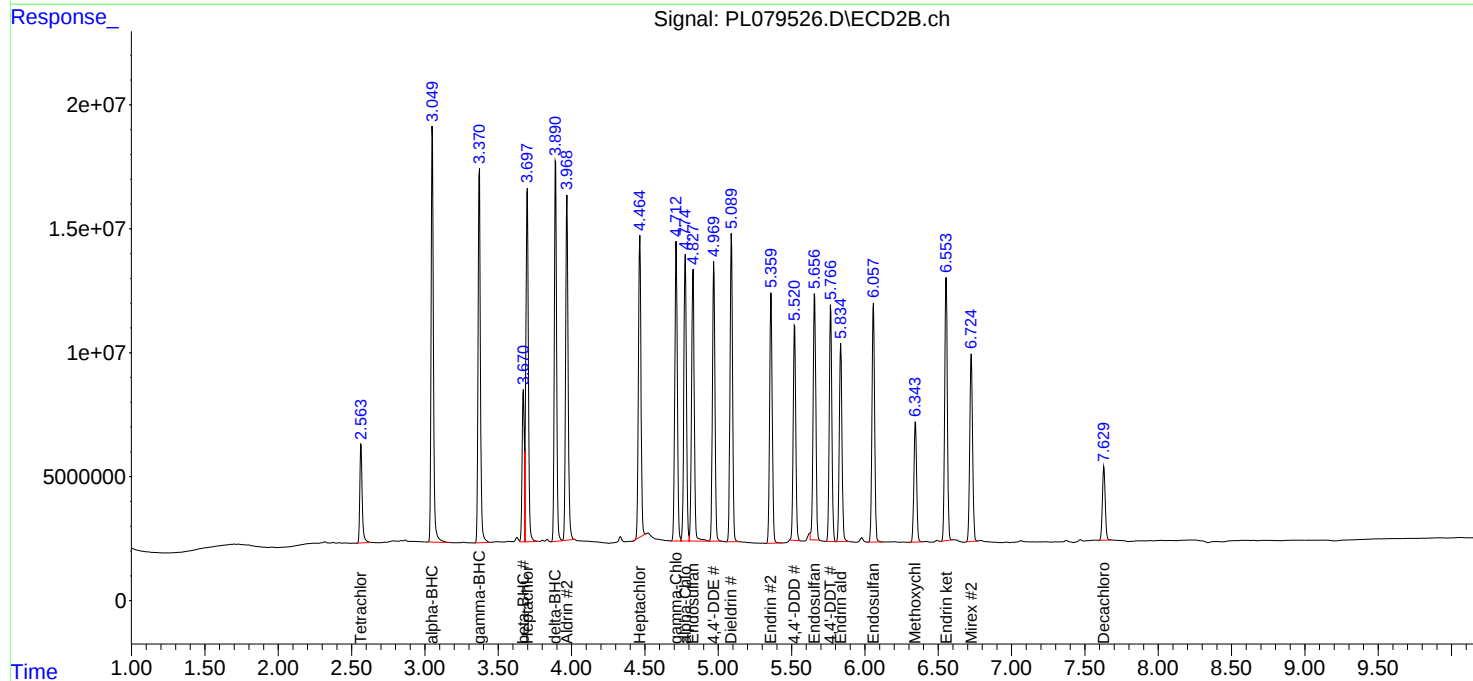
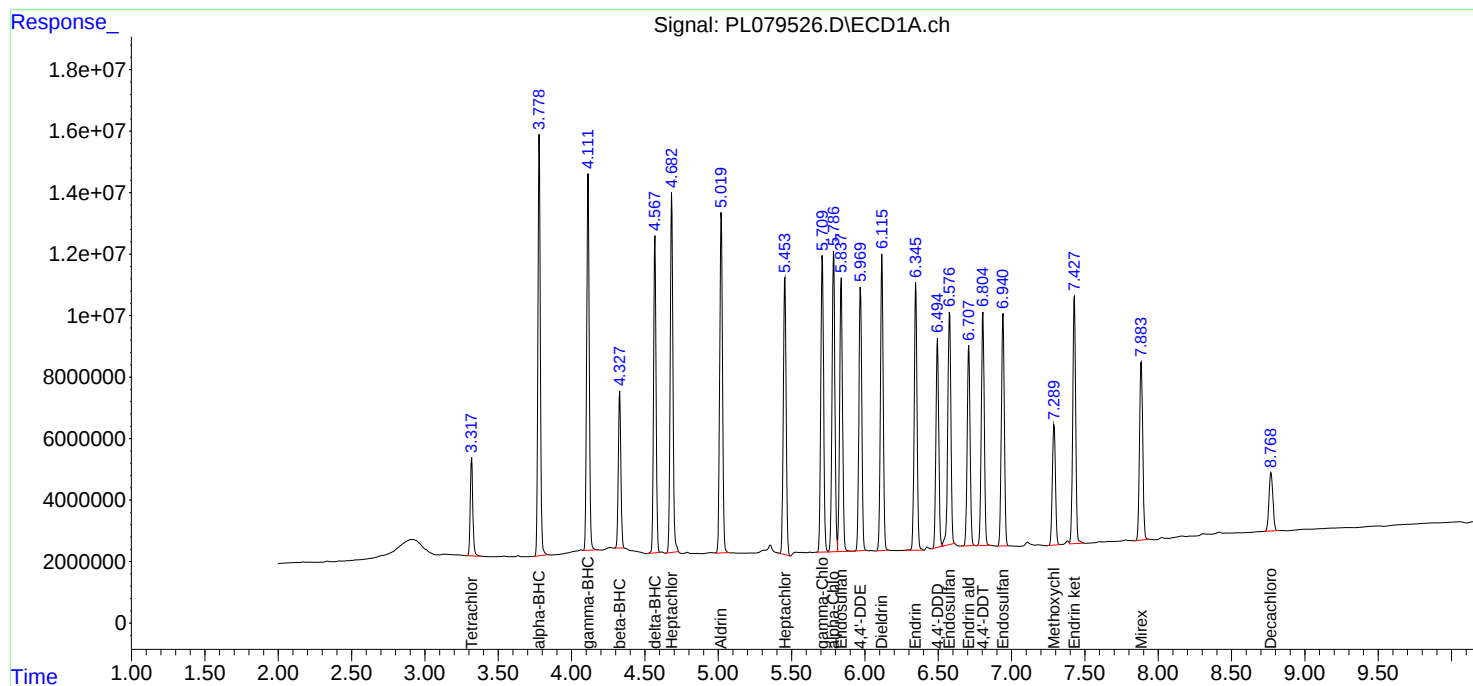
Manual Integrations

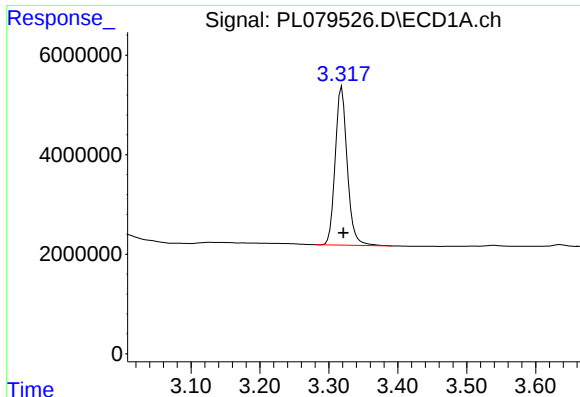
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 Supervised By : Ankita Jodhani 12/02/2022

Integration File signal 1: autoint1.e
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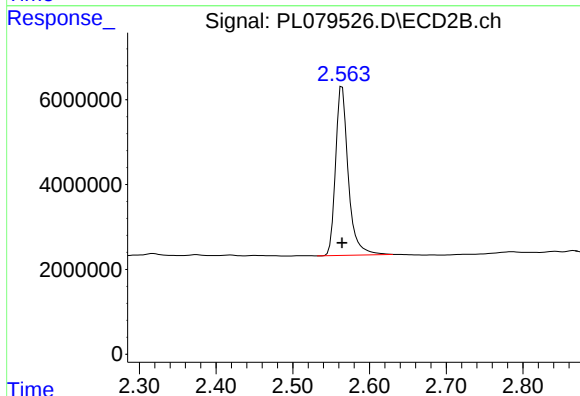
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 38517214
Conc: 17.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

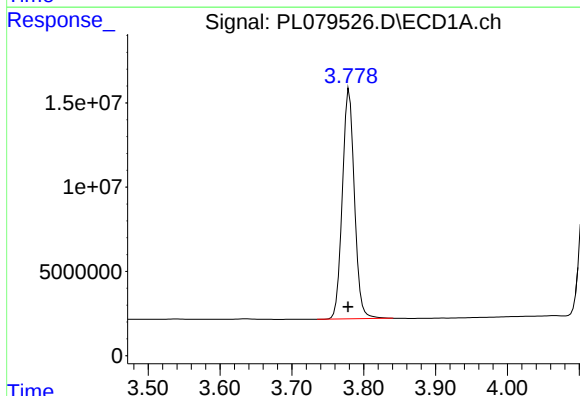
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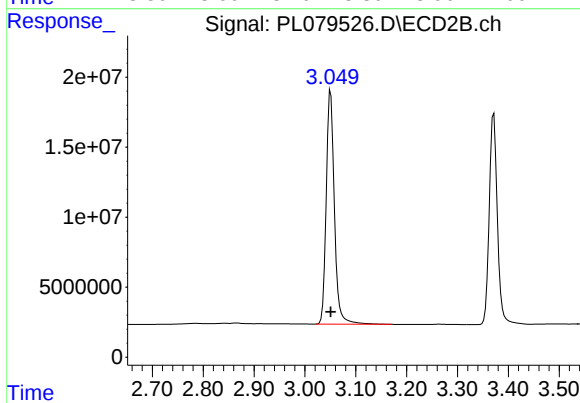
#1 Tetrachloro-m-xylene

R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 45801342
Conc: 16.83 ng/ml



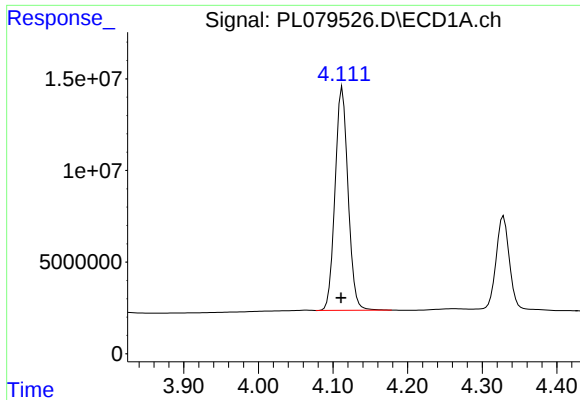
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 159063250
Conc: 46.26 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 186968875
Conc: 43.36 ng/ml



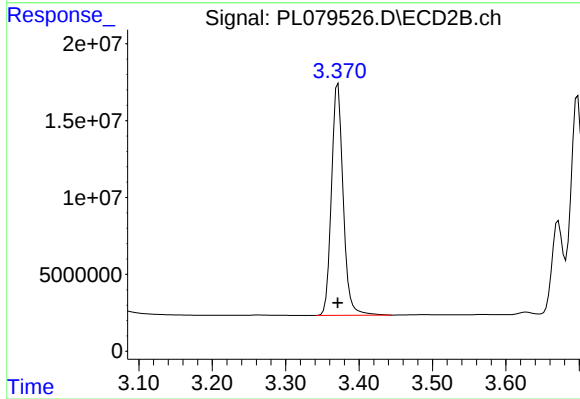
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: 0.002 min
Response: 147691416
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

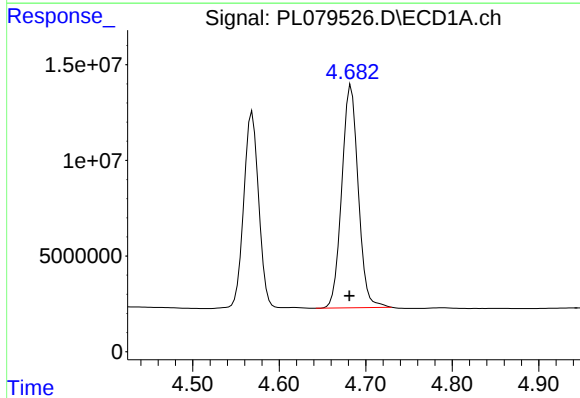
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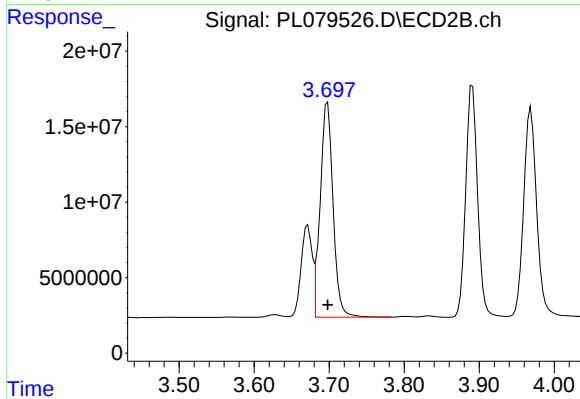
#3 gamma-BHC (Lindane)

R.T.: 3.371 min
Delta R.T.: 0.000 min
Response: 166991147
Conc: 42.89 ng/ml



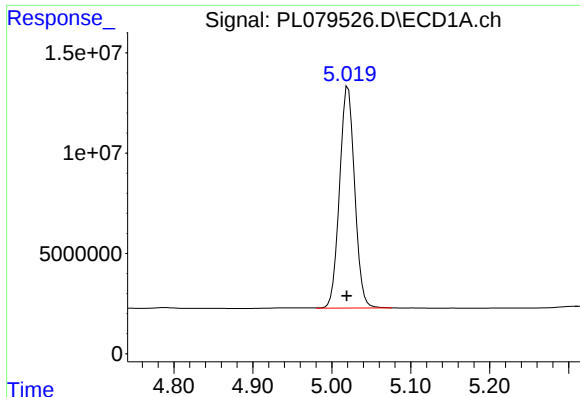
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.002 min
Response: 152891853
Conc: 46.40 ng/ml



#4 Heptachlor

R.T.: 3.698 min
Delta R.T.: 0.000 min
Response: 169705671
Conc: 44.11 ng/ml



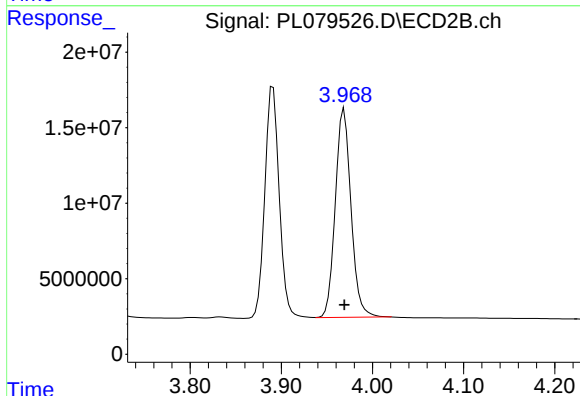
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: 0.002 min
Response: 146735886
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

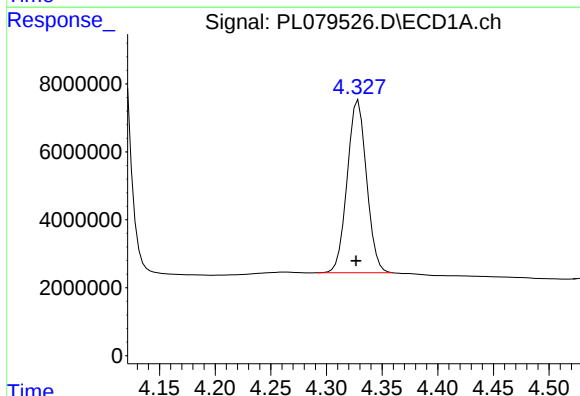
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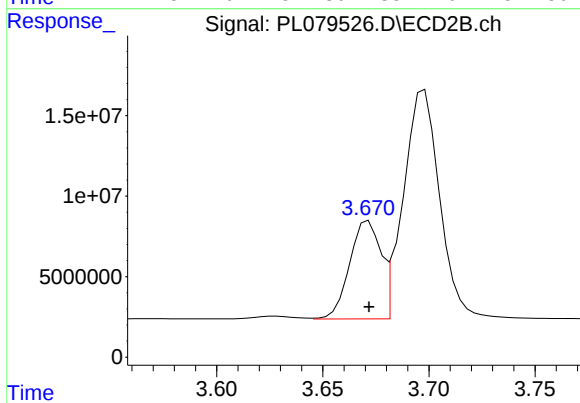
#5 Aldrin

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 165539636
Conc: 44.59 ng/ml



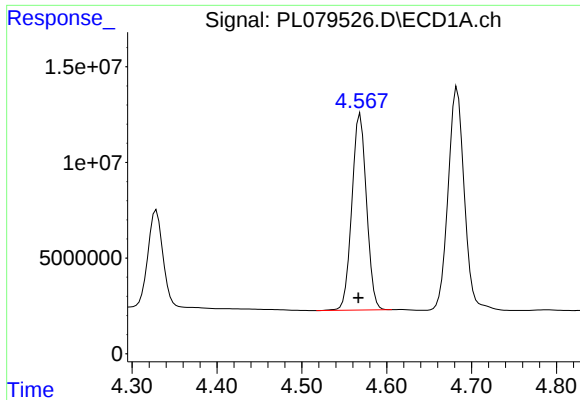
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 61538924
Conc: 43.58 ng/ml



#6 beta-BHC

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 62156477
Conc: 41.02 ng/ml



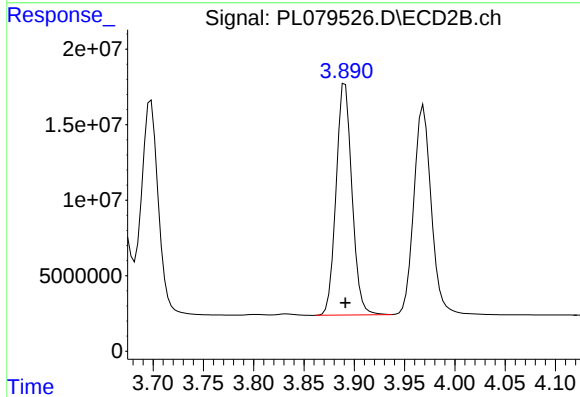
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 122908016
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

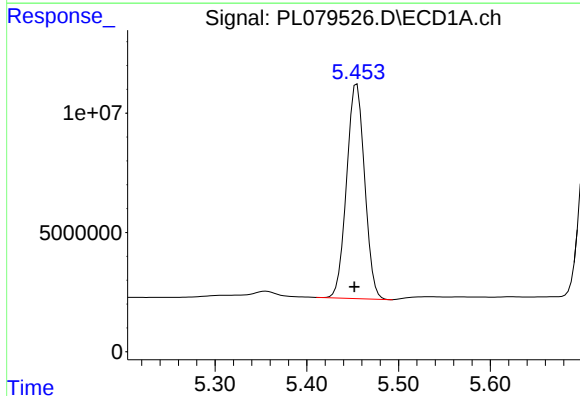
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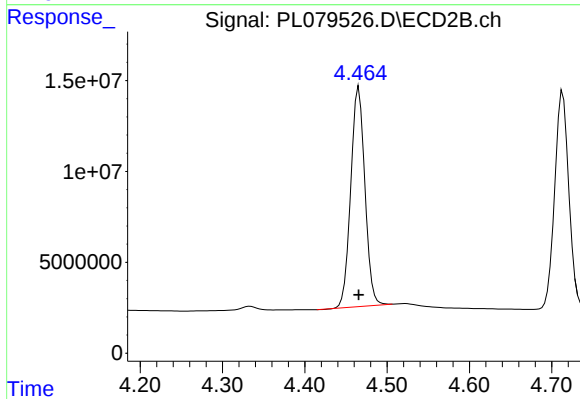
#7 delta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 168310148
Conc: 43.75 ng/ml



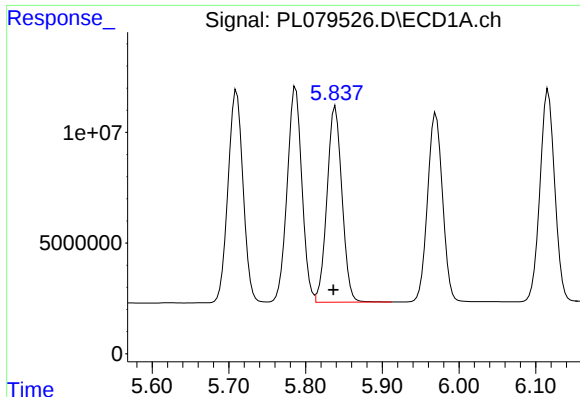
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: 0.003 min
Response: 122877442
Conc: 43.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 143952870
Conc: 42.65 ng/ml



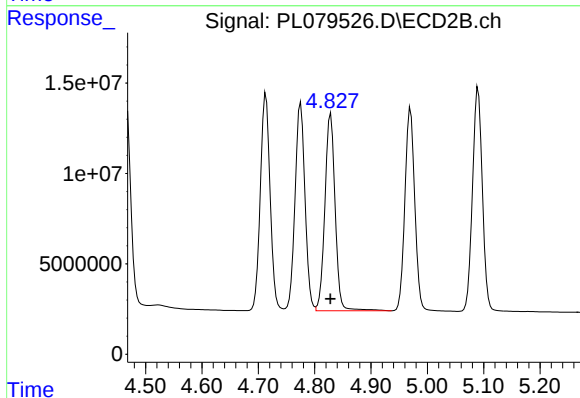
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: 0.002 min
Response: 120170933
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

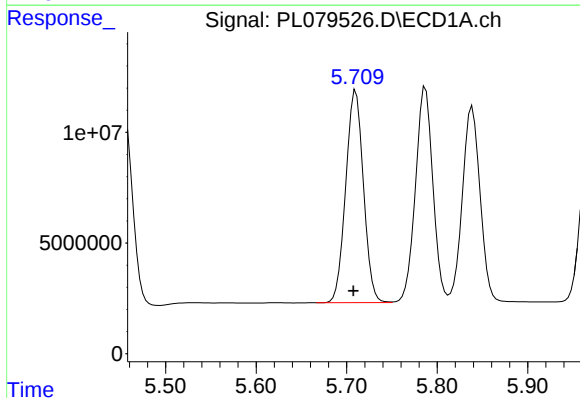
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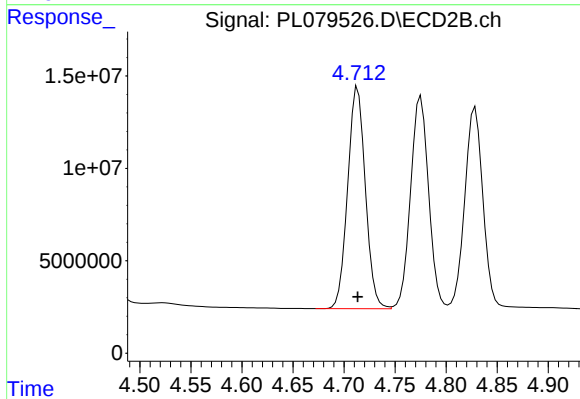
#9 Endosulfan I

R.T.: 4.829 min
Delta R.T.: 0.000 min
Response: 137967621
Conc: 43.12 ng/ml



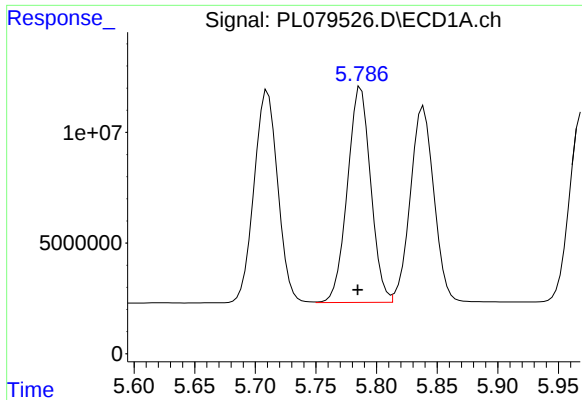
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: 0.003 min
Response: 130431256
Conc: 45.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 144633617
Conc: 42.74 ng/ml



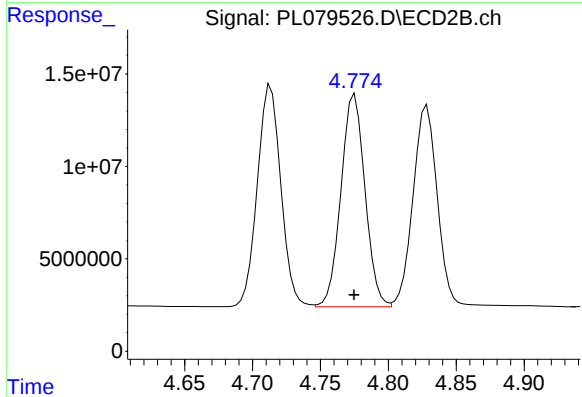
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 130297236
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

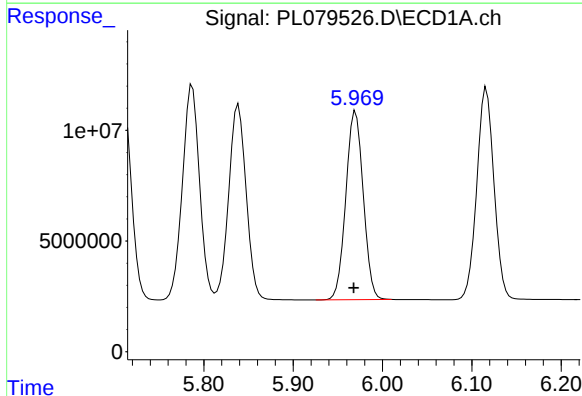
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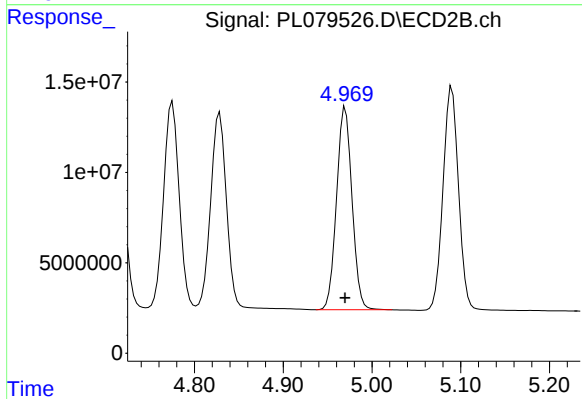
#11 alpha-Chlordane

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 141656446
Conc: 42.30 ng/ml



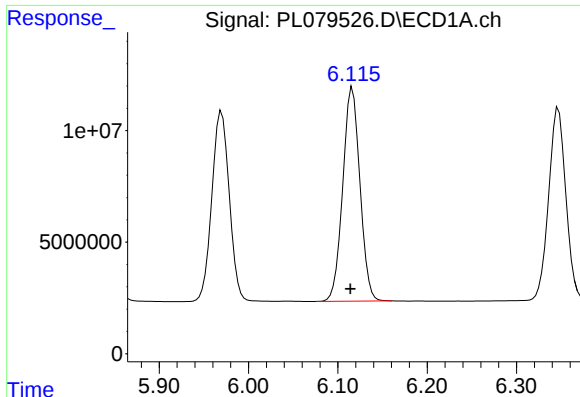
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 115454896
Conc: 46.21 ng/ml



#12 4,4'-DDE

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 135835088
Conc: 44.30 ng/ml



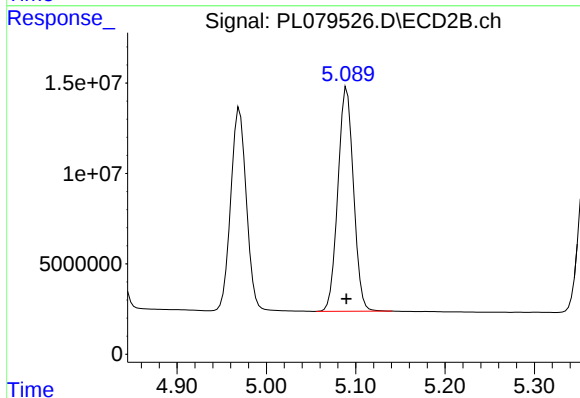
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 127868510
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

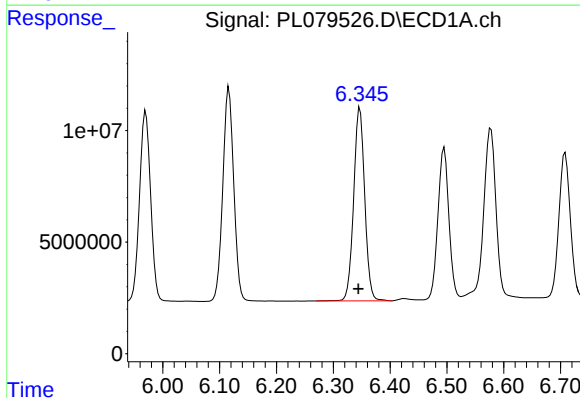
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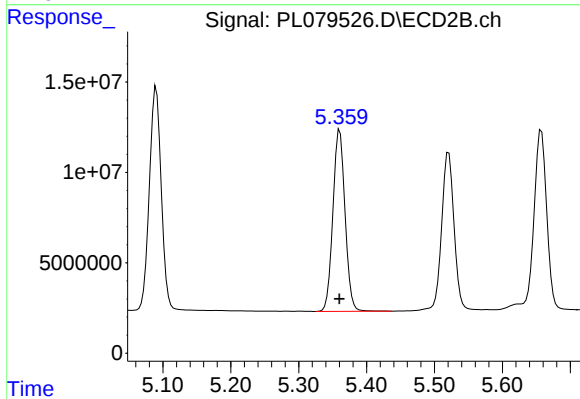
#13 Dieldrin

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 150061918
Conc: 44.51 ng/ml



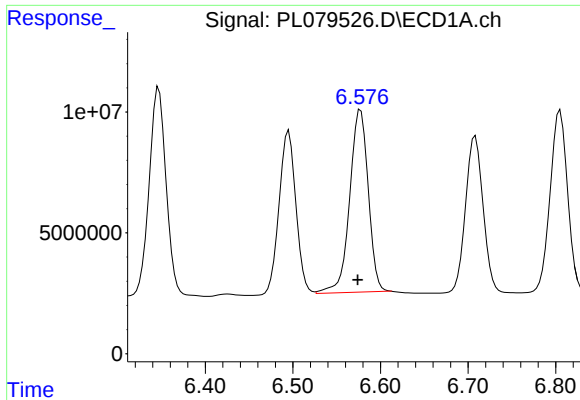
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 117144510
Conc: 48.42 ng/ml



#14 Endrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 124609541
Conc: 41.20 ng/ml



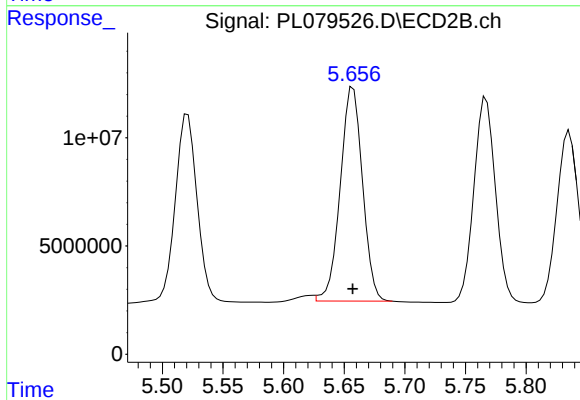
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 111236406
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

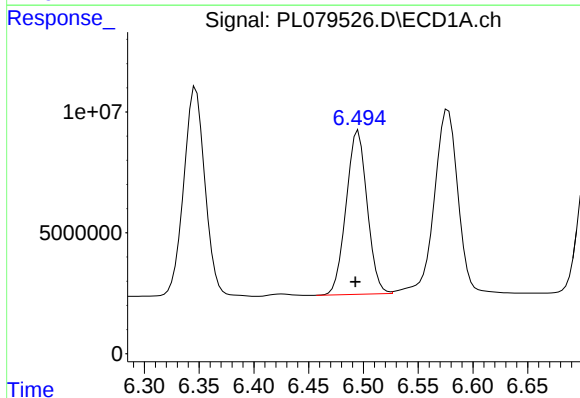
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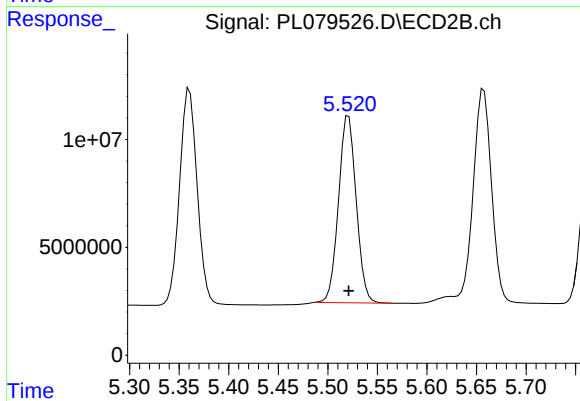
#15 Endosulfan II

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 126295135
Conc: 45.13 ng/ml m



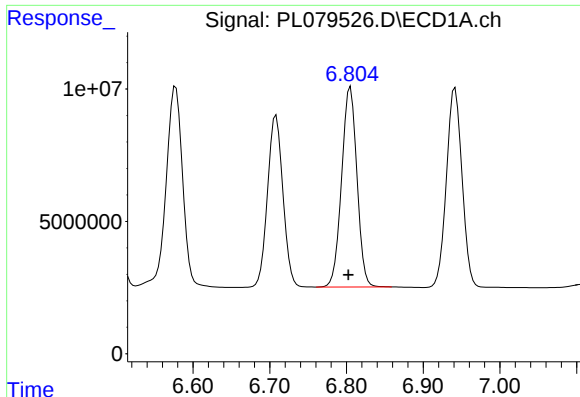
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: 0.003 min
Response: 90353617
Conc: 45.54 ng/ml



#16 4,4'-DDD

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 107451882
Conc: 42.96 ng/ml



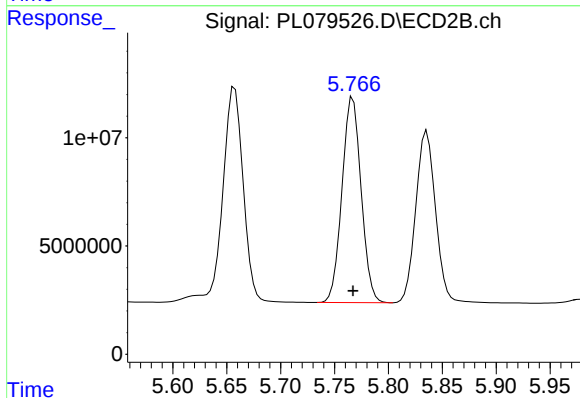
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: 0.003 min
Response: 105135487
Conc: 46.35 ng/ml

Instrument :
ECD_L
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PB149365BS

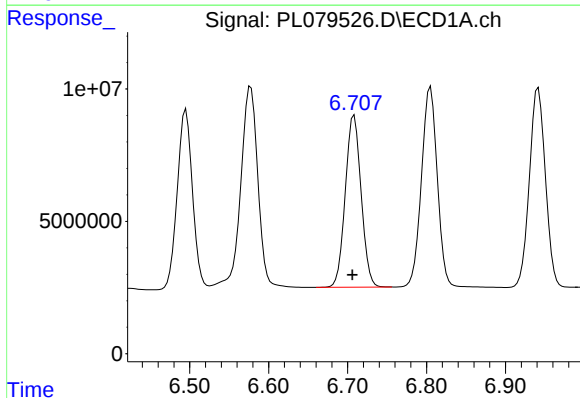
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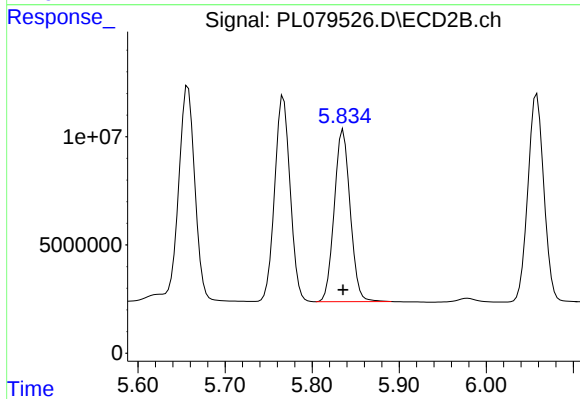
#17 4,4'-DDT

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 117351296
Conc: 44.90 ng/ml



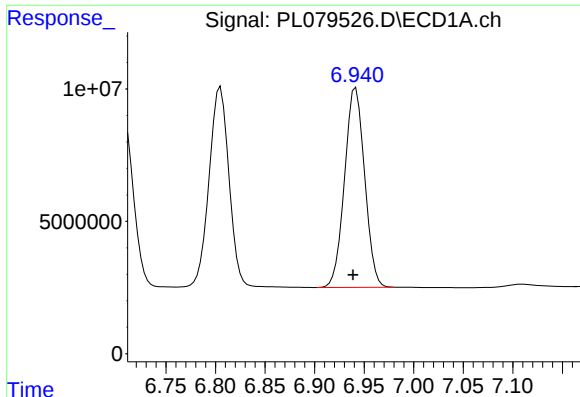
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 90633428
Conc: 50.04 ng/ml



#18 Endrin aldehyde

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 100945032
Conc: 47.43 ng/ml



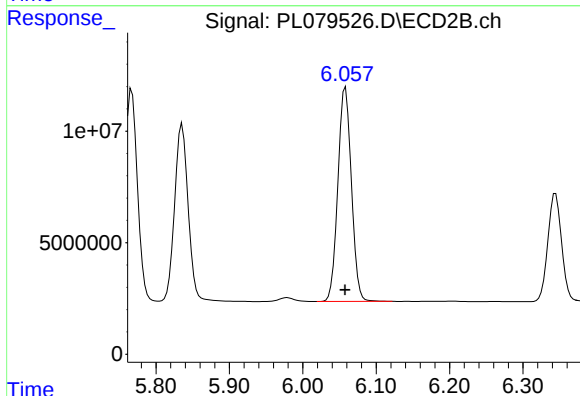
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.003 min
Response: 106284311
Conc: 45.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

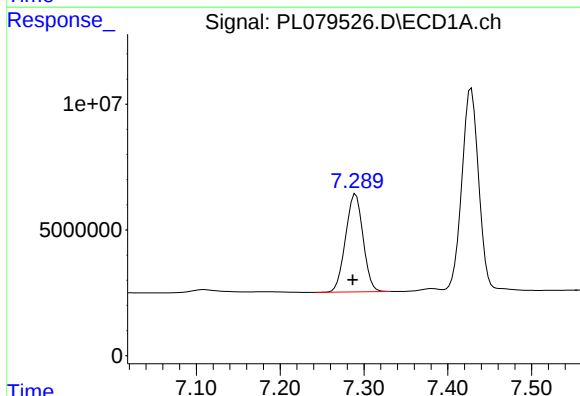
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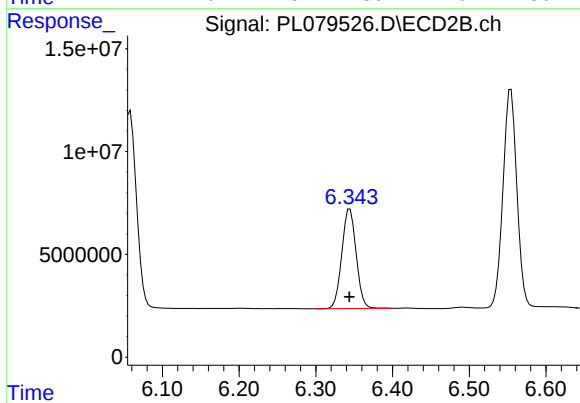
#19 Endosulfan Sulfate

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 122821212
Conc: 43.53 ng/ml



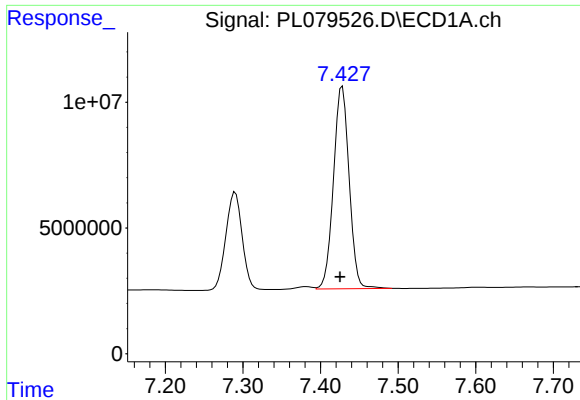
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.003 min
Response: 56519436
Conc: 46.85 ng/ml



#20 Methoxychlor

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 62997176
Conc: 46.35 ng/ml



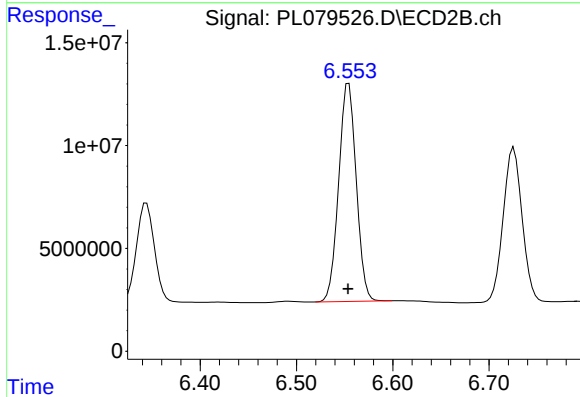
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 112983357
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

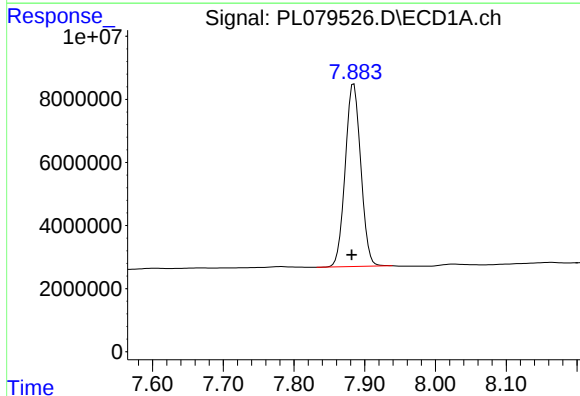
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/02/2022
Supervised By :Ankita Jodhani 12/02/2022



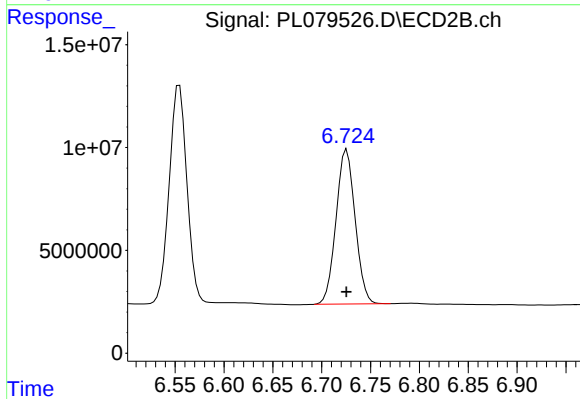
#21 Endrin ketone

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 134088673
Conc: 43.54 ng/ml



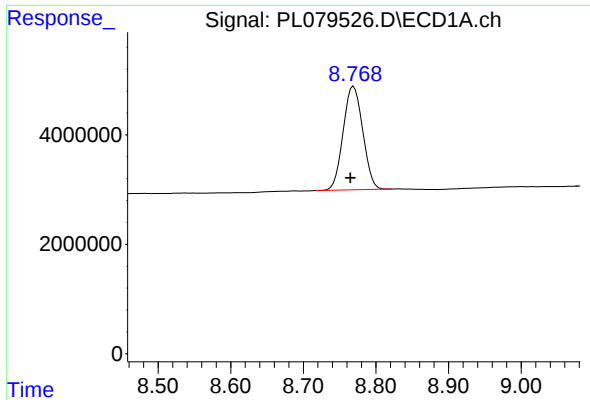
#22 Mirex

R.T.: 7.884 min
Delta R.T.: 0.003 min
Response: 88607946
Conc: 46.78 ng/ml



#22 Mirex

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 102336413
Conc: 43.27 ng/ml



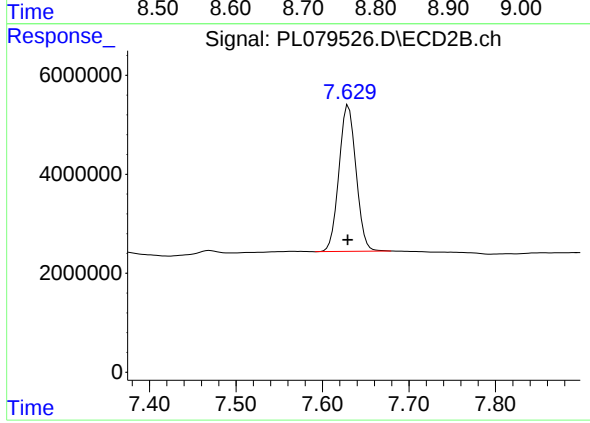
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: 0.004 min
Response: 35444927
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149365BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 40372183
Conc: 17.18 ng/ml