

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 10:59
 Operator : AR\AJ
 Sample : PB149391BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB149391BS

Manual Integrations
 APPROVED

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

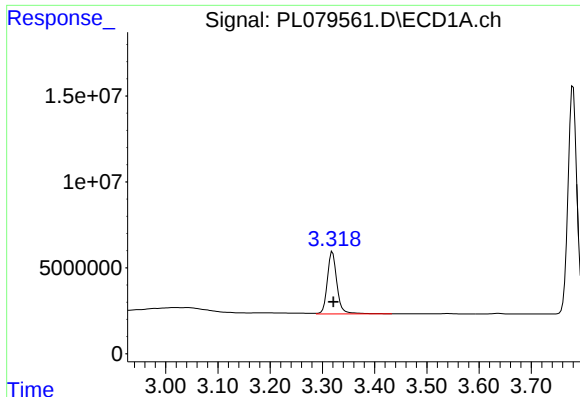
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:15:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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	2.568	46264886	55060696	20.480	20.228
28)	SA Decachlor...	8.768	7.635	42241095	47856822	21.750m	20.371
Target Compounds							
2)	A alpha-BHC	3.780	3.054	159.1E6	198.9E6	46.253	46.125
3)	MA gamma-BHC...	4.113	3.375	150.5E6	180.2E6	46.440	46.271
4)	MA Heptachlor	4.683	3.702	148.8E6	174.4E6	45.171	45.313
5)	MB Aldrin	5.022	3.973	145.9E6	177.2E6	46.978	47.730
6)	B beta-BHC	4.329	3.676	65545092	66414193	46.421	43.833
7)	B delta-BHC	4.569	3.895	135.8E6	180.2E6	48.951	46.826
8)	B Heptachlo...	5.455	4.470	131.5E6	156.6E6	46.071	46.399
9)	A Endosulfan I	5.839	4.833	121.1E6	147.2E6	45.543	46.004
10)	B gamma-Chl...	5.710	4.718	133.7E6	157.5E6	46.736	46.544
11)	B alpha-Chl...	5.787	4.780	131.6E6	154.7E6	45.684	46.201
12)	B 4,4'-DDE	5.970	4.974	118.2E6	145.2E6	47.293	47.357
13)	MA Dieldrin	6.117	5.094	131.5E6	161.2E6	47.953	47.826
14)	MA Endrin	6.347	5.365	114.2E6	144.6E6	47.197	47.796
15)	B Endosulfa...	6.577	5.662	113.2E6	134.1E6	50.162	47.928
16)	A 4,4'-DDD	6.495	5.525	97999211	122.3E6	49.394	48.904
17)	MA 4,4'-DDT	6.805	5.772	99159848	116.8E6	43.714	44.681
18)	B Endrin al...	6.709	5.840	92032082	106.0E6	50.814	49.806
19)	B Endosulfa...	6.942	6.063	108.0E6	129.6E6	46.591	45.931
20)	A Methoxychlor	7.289	6.349	54475930	60708976	45.156	44.666
21)	B Endrin ke...	7.428	6.558	117.5E6	143.9E6	47.622	46.727
22)	Mirex	7.885	6.730	88852989	106.0E6	46.910	44.840

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



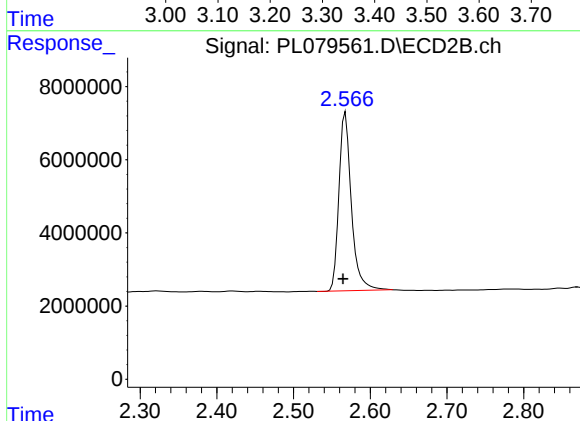
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 46264886
Conc: 20.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

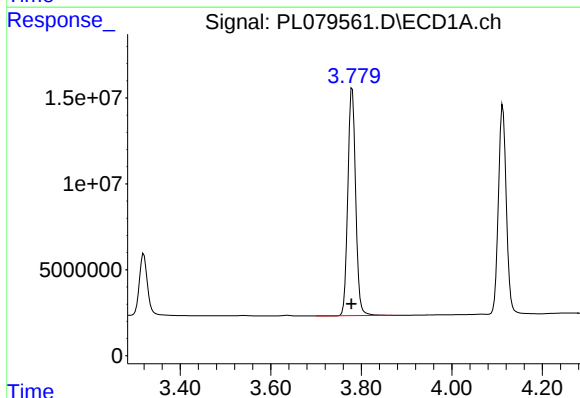
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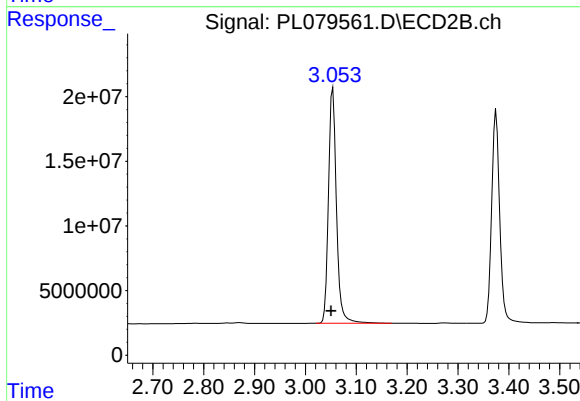
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: 0.003 min
Response: 55060696
Conc: 20.23 ng/ml



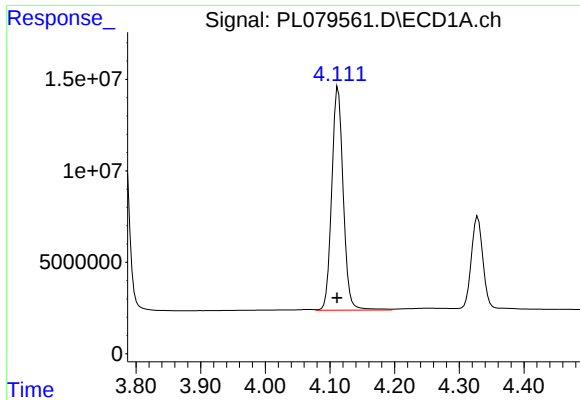
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 159054049
Conc: 46.25 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: 0.003 min
Response: 198890611
Conc: 46.12 ng/ml



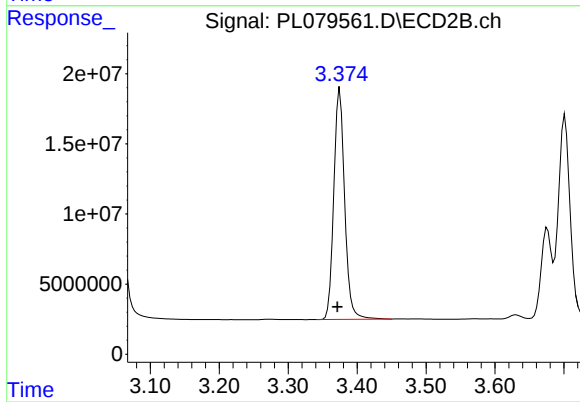
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: 0.002 min
Response: 150502783
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

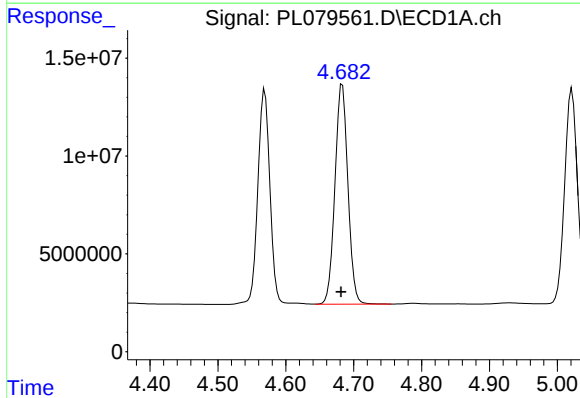
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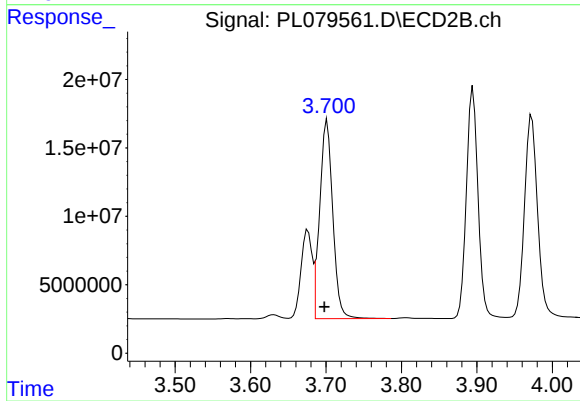
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: 0.004 min
Response: 180163938
Conc: 46.27 ng/ml



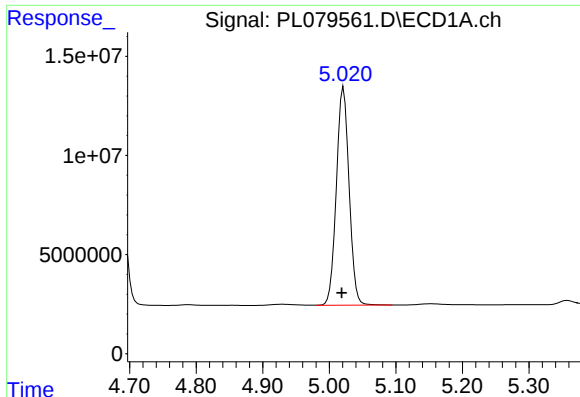
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.002 min
Response: 148848073
Conc: 45.17 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: 0.004 min
Response: 174354115
Conc: 45.31 ng/ml



#5 Aldrin

R.T.: 5.022 min
Delta R.T.: 0.003 min
Response: 145884229
Conc: 46.98 ng/ml

Instrument :

ECD_L

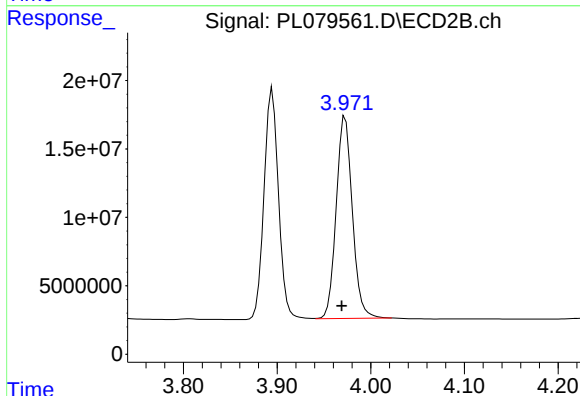
ClientSampleId :

PB149391BS

Manual Integrations

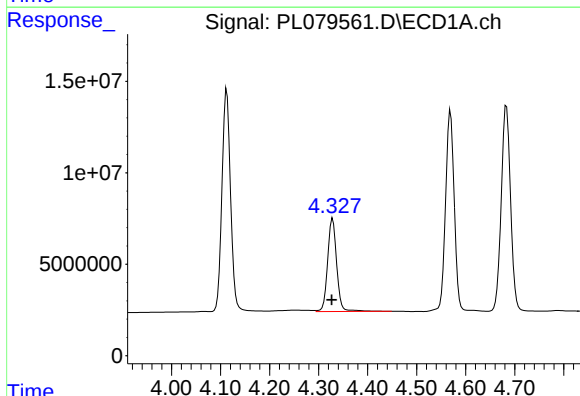
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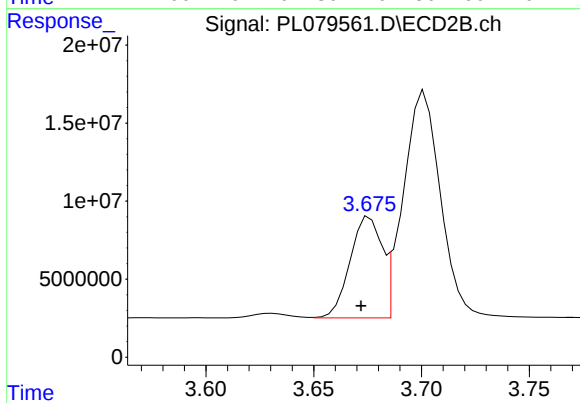
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: 0.004 min
Response: 177215379
Conc: 47.73 ng/ml



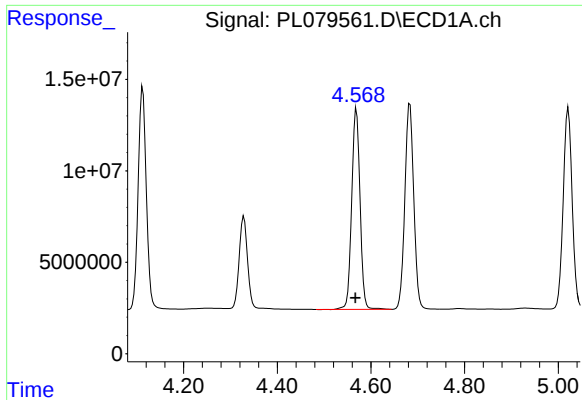
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 65545092
Conc: 46.42 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: 0.004 min
Response: 66414193
Conc: 43.83 ng/ml



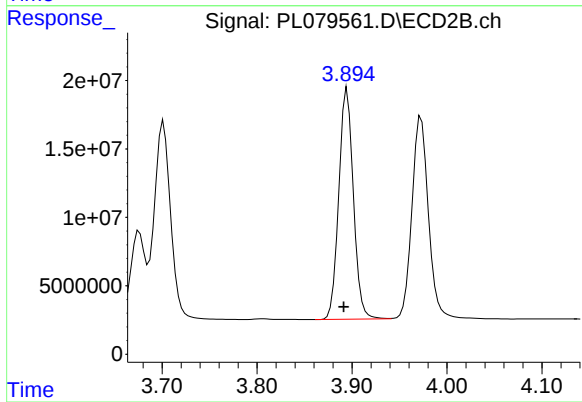
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 135807872
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

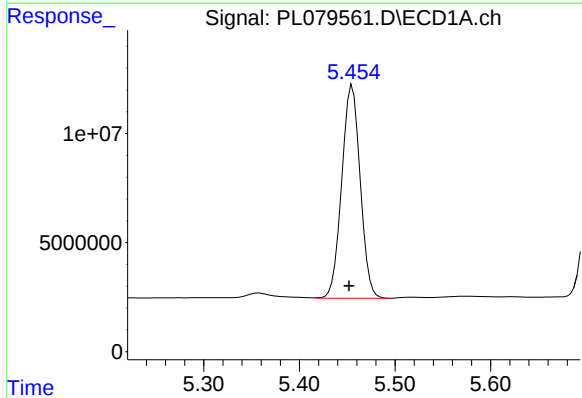
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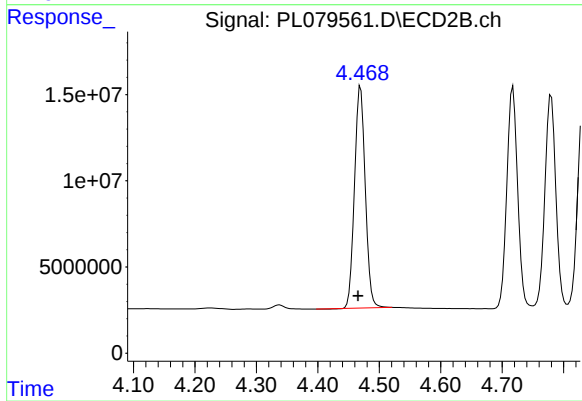
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: 0.004 min
Response: 180150393
Conc: 46.83 ng/ml



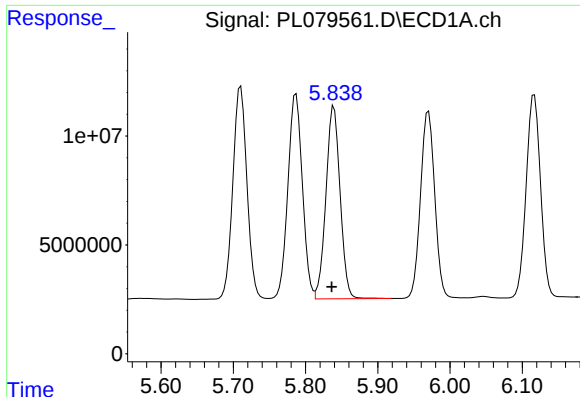
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: 0.003 min
Response: 131532218
Conc: 46.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 156612424
Conc: 46.40 ng/ml



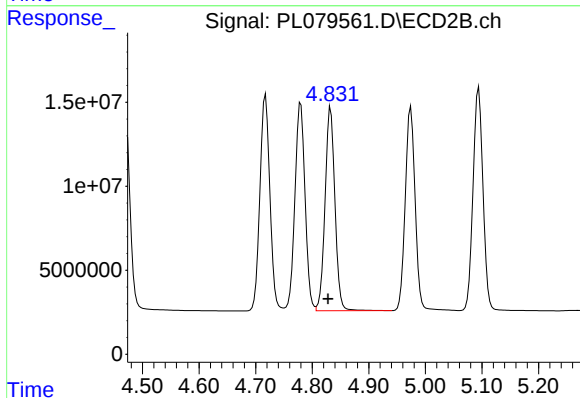
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: 0.003 min
Response: 121086123
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

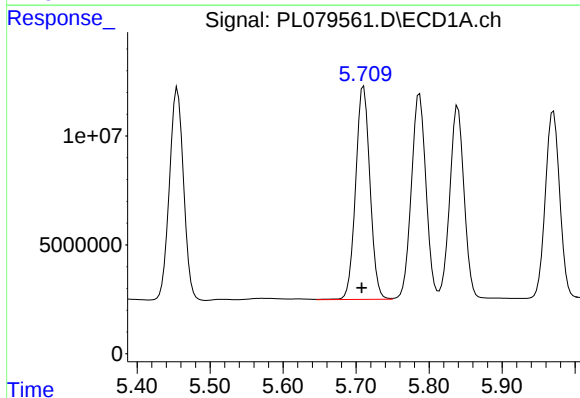
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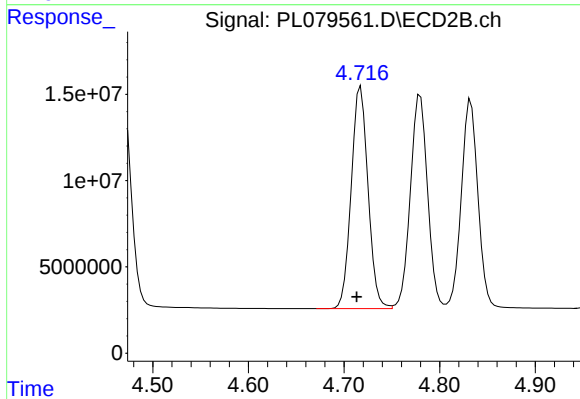
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: 0.004 min
Response: 147204775
Conc: 46.00 ng/ml



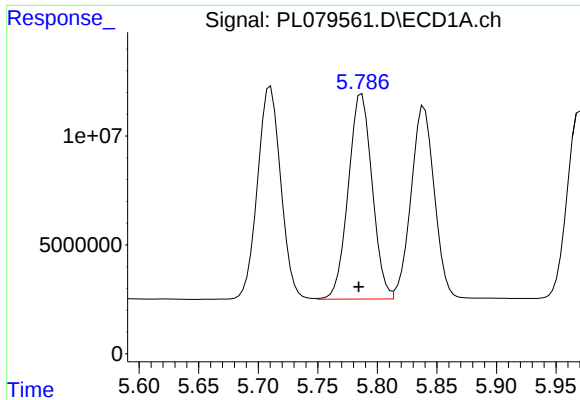
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: 0.003 min
Response: 133719723
Conc: 46.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 157516166
Conc: 46.54 ng/ml



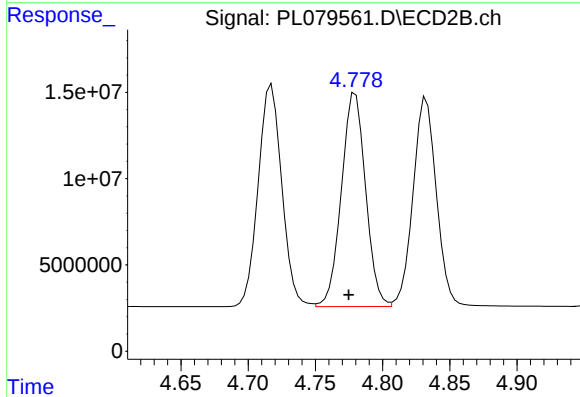
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: 0.003 min
Response: 131643432
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

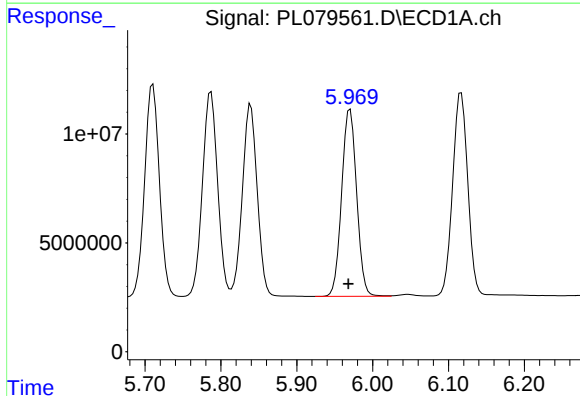
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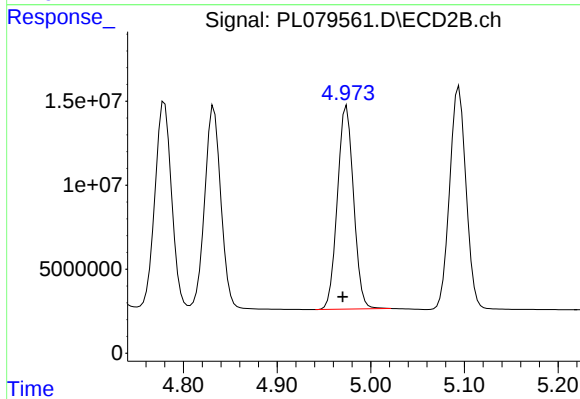
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: 0.005 min
Response: 154734555
Conc: 46.20 ng/ml



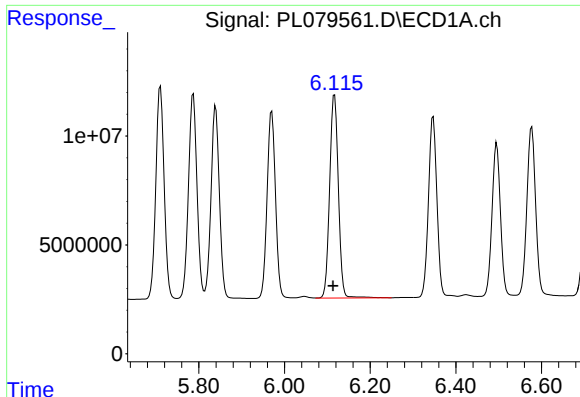
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: 0.002 min
Response: 118154693
Conc: 47.29 ng/ml



#12 4,4'-DDE

R.T.: 4.974 min
Delta R.T.: 0.004 min
Response: 145201620
Conc: 47.36 ng/ml



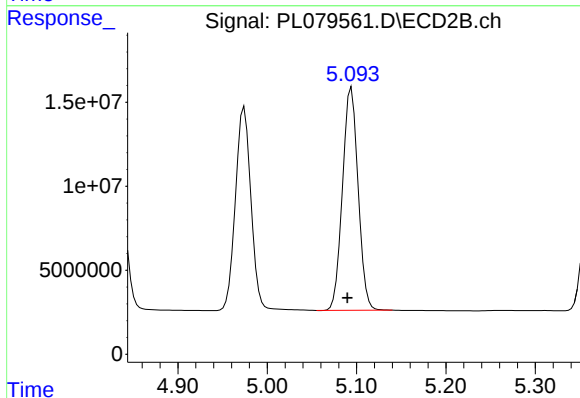
#13 Dieldrin

R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 131528378
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

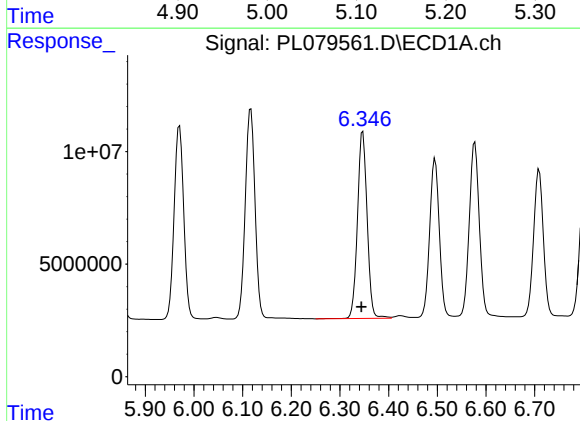
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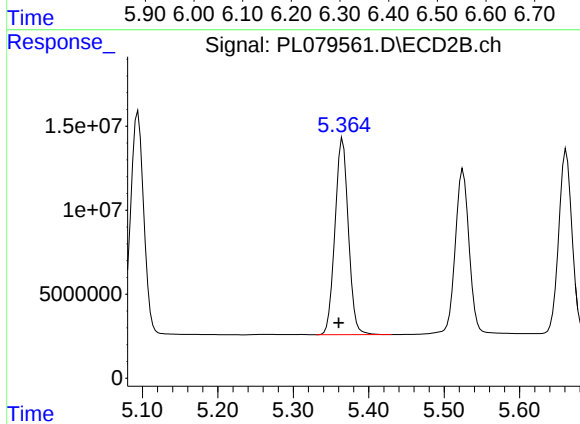
#13 Dieldrin

R.T.: 5.094 min
Delta R.T.: 0.005 min
Response: 161230356
Conc: 47.83 ng/ml



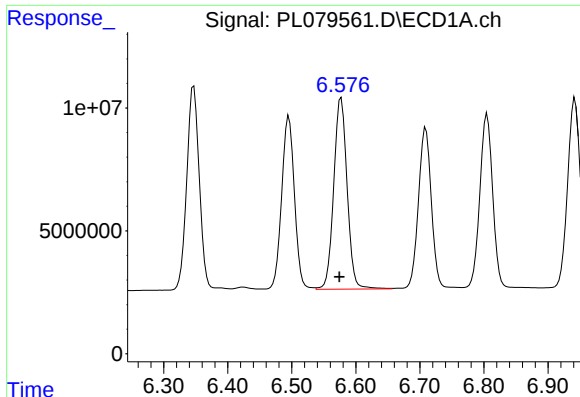
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 114179298
Conc: 47.20 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: 0.005 min
Response: 144569259
Conc: 47.80 ng/ml



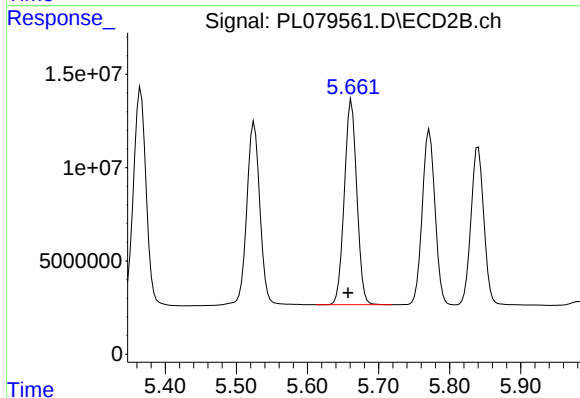
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 113239376
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

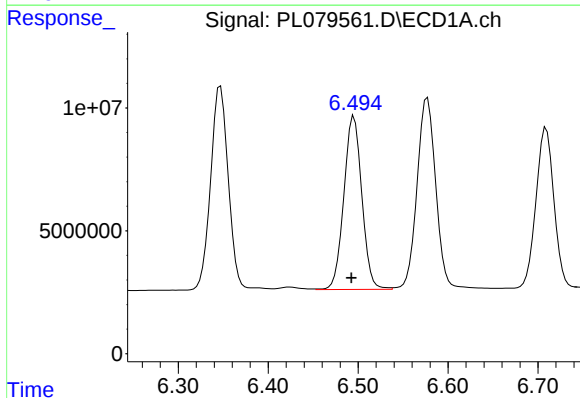
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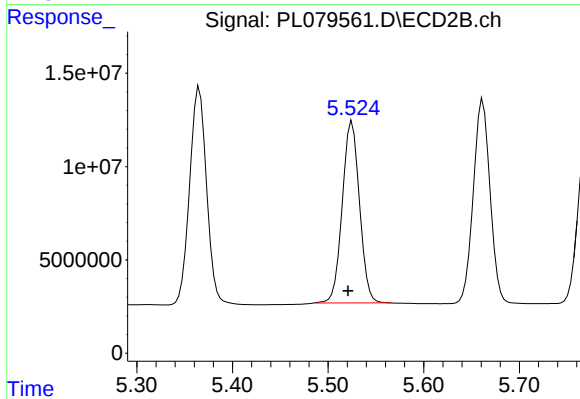
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 134111793
Conc: 47.93 ng/ml



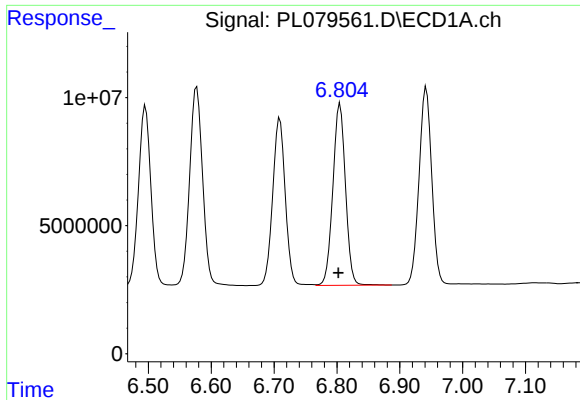
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: 0.003 min
Response: 97999211
Conc: 49.39 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: 0.004 min
Response: 122334347
Conc: 48.90 ng/ml



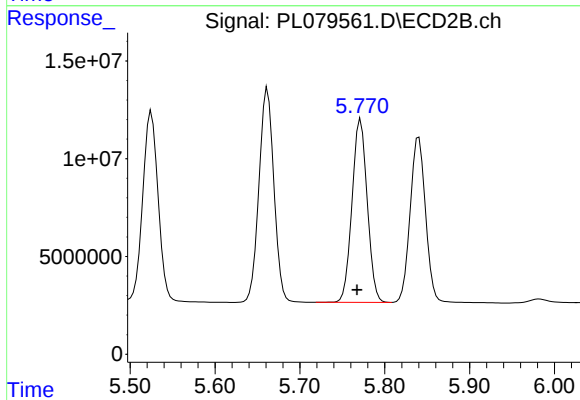
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: 0.003 min
Response: 99159848
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

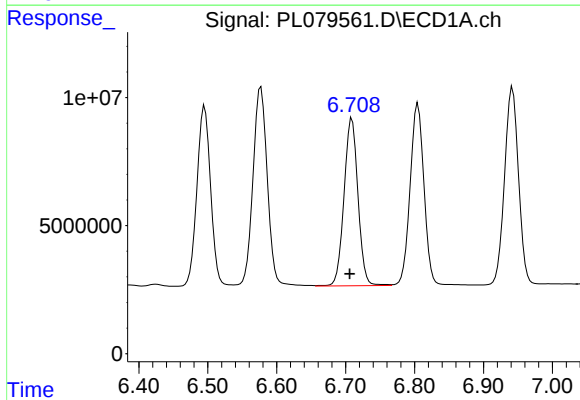
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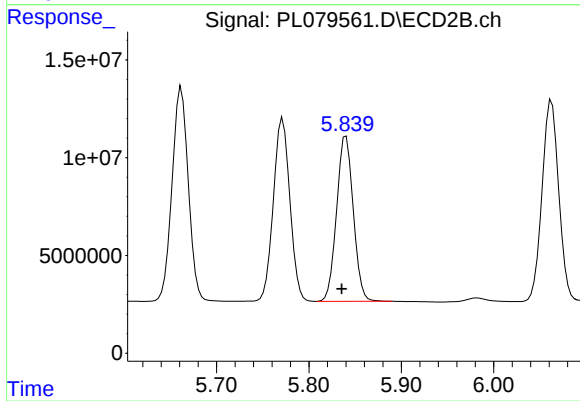
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: 0.004 min
Response: 116778722
Conc: 44.68 ng/ml



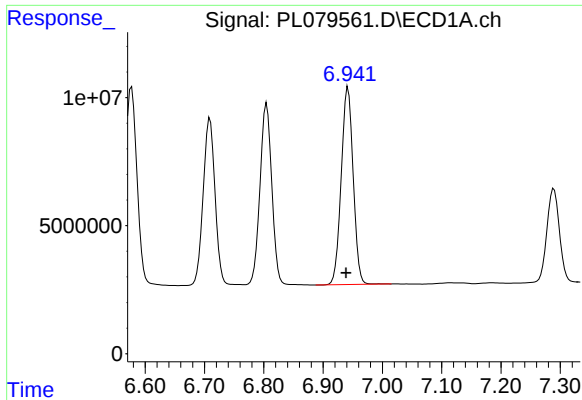
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 92032082
Conc: 50.81 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.005 min
Response: 106007975
Conc: 49.81 ng/ml



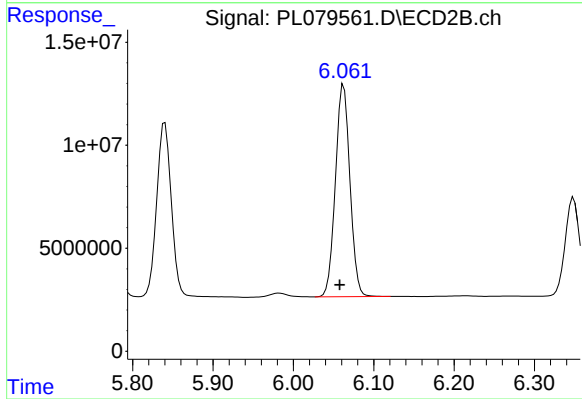
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.003 min
Response: 108041269
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

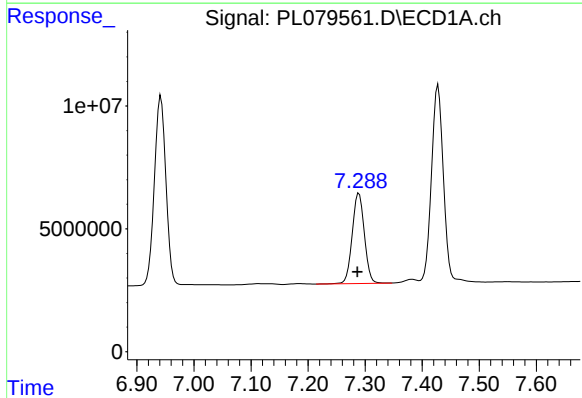
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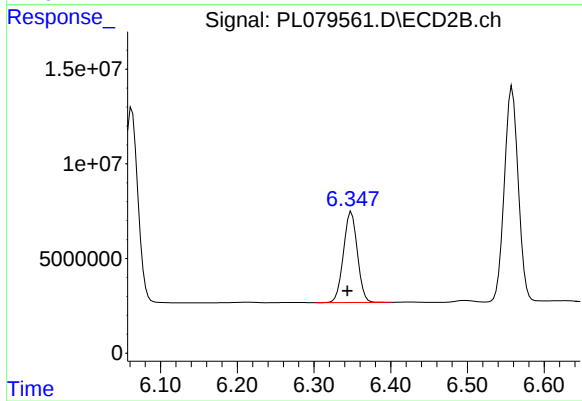
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: 0.005 min
Response: 129604433
Conc: 45.93 ng/ml



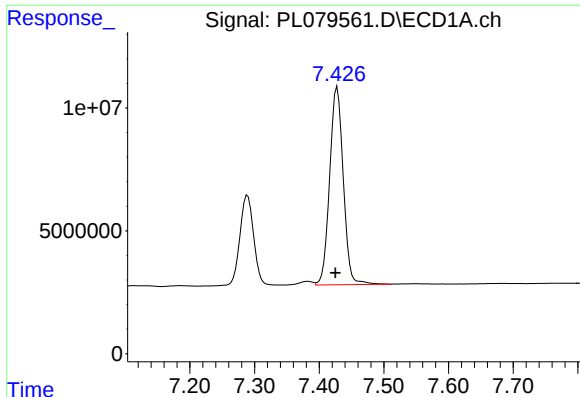
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.003 min
Response: 54475930
Conc: 45.16 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: 0.005 min
Response: 60708976
Conc: 44.67 ng/ml



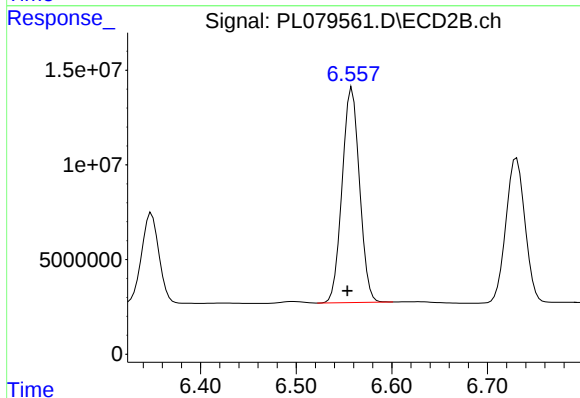
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 117496454
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

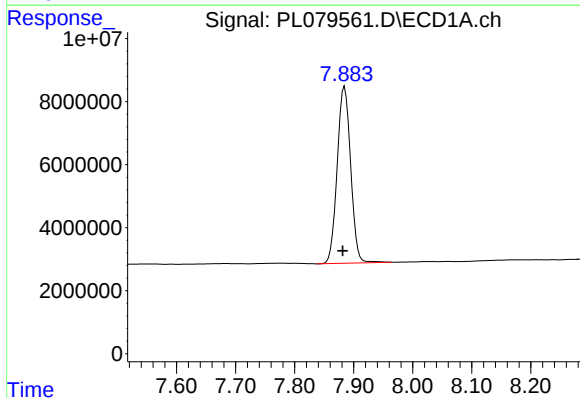
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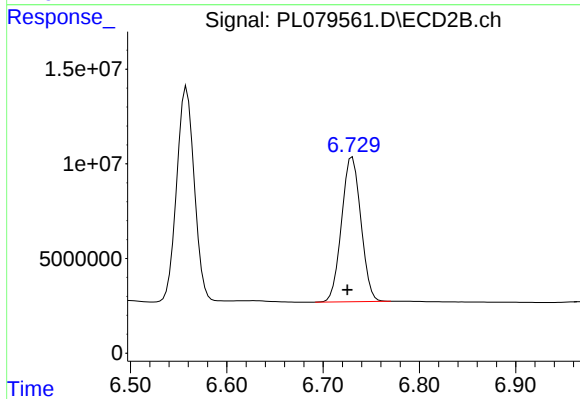
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: 0.005 min
Response: 143915878
Conc: 46.73 ng/ml



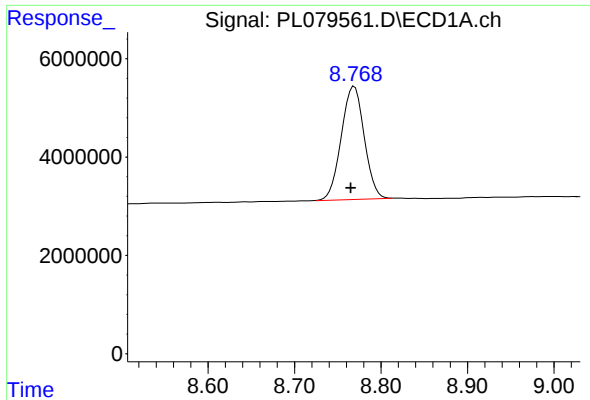
#22 Mirex

R.T.: 7.885 min
Delta R.T.: 0.003 min
Response: 88852989
Conc: 46.91 ng/ml



#22 Mirex

R.T.: 6.730 min
Delta R.T.: 0.005 min
Response: 106049107
Conc: 44.84 ng/ml



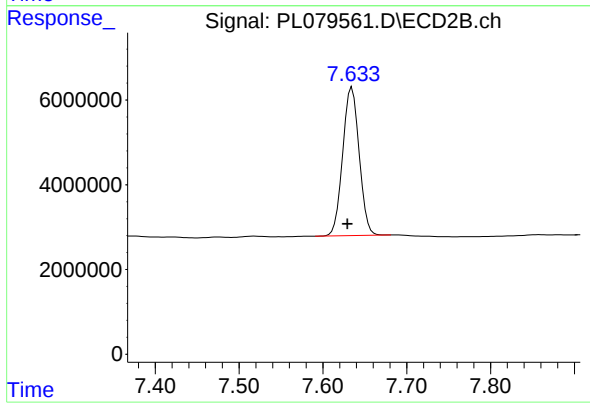
#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: 0.003 min
Response: 42241095
Conc: 21.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB149391BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: 0.006 min
Response: 47856822
Conc: 20.37 ng/ml