

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
 Data File : PL078772.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2022 12:59
 Operator : AR\AJ
 Sample : PB148725BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148725BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:17:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.324	2.571	34001073	48109174	17.829	18.843
28)	SA Decachlor...	8.773	7.638	26414670	36807463	17.559	19.433
Target Compounds							
2)	A alpha-BHC	3.784	3.057	145.7E6	196.0E6	50.743	49.637
3)	MA gamma-BHC...	4.117	3.378	132.7E6	180.6E6	49.681	50.250
4)	MA Heptachlor	4.688	3.705	137.1E6	175.0E6	52.825	50.454
5)	MB Aldrin	5.026	3.976	129.1E6	182.6E6	52.107	52.144
6)	B beta-BHC	4.332	3.677	56317294	67740145	48.888	47.211
7)	B delta-BHC	4.572	3.897	105.7E6	178.7E6	46.404	49.087
8)	B Heptachlo...	5.459	4.473	115.4E6	157.8E6	54.364	52.381
9)	A Endosulfan I	5.843	4.836	107.6E6	140.3E6	50.441	49.007
10)	B gamma-Chl...	5.714	4.721	118.4E6	154.6E6	52.445	50.443
11)	B alpha-Chl...	5.791	4.782	117.0E6	149.5E6	50.574	50.169
12)	B 4,4'-DDE	5.974	4.977	101.7E6	142.8E6	50.829	52.467
13)	MA Dieldrin	6.121	5.097	111.8E6	155.9E6	51.864	52.597
14)	MA Endrin	6.351	5.368	98975872	142.6E6	52.152	54.752
15)	B Endosulfa...	6.581	5.664	91624968	130.0E6	48.836	57.114
16)	A 4,4'-DDD	6.499	5.528	83477797	114.3E6	50.076	52.020
17)	MA 4,4'-DDT	6.809	5.773	90227739	124.7E6	50.341	57.490m
18)	B Endrin al...	6.713	5.843	77134879	101.9E6	53.011	54.282
19)	B Endosulfa...	6.945	6.065	94076130	126.8E6	51.130	53.261
20)	A Methoxychlor	7.292	6.351	48177018	64743695	52.316	57.053
21)	B Endrin ke...	7.431	6.561	95492742	140.4E6	50.756	54.331
22)	Mirex	7.888	6.734	73881994	104.5E6	50.610	53.100

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
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Manual Integrations

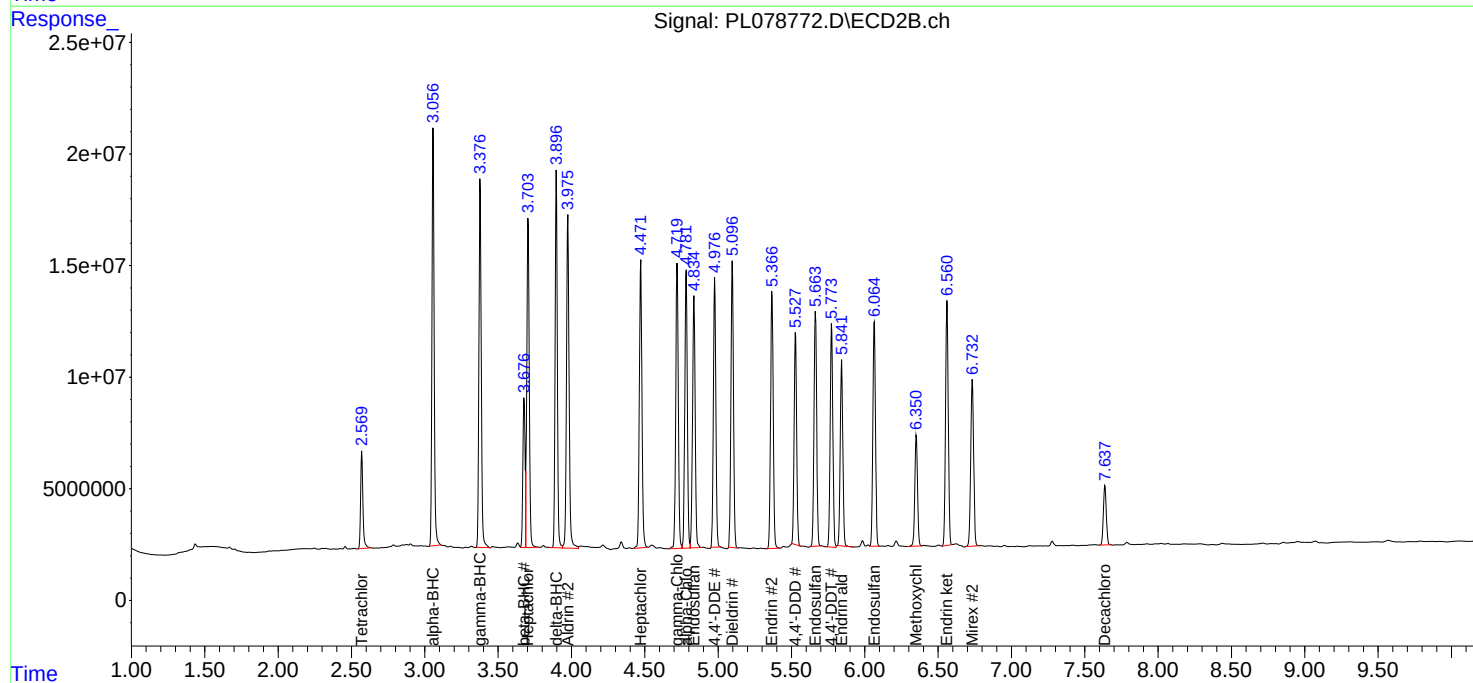
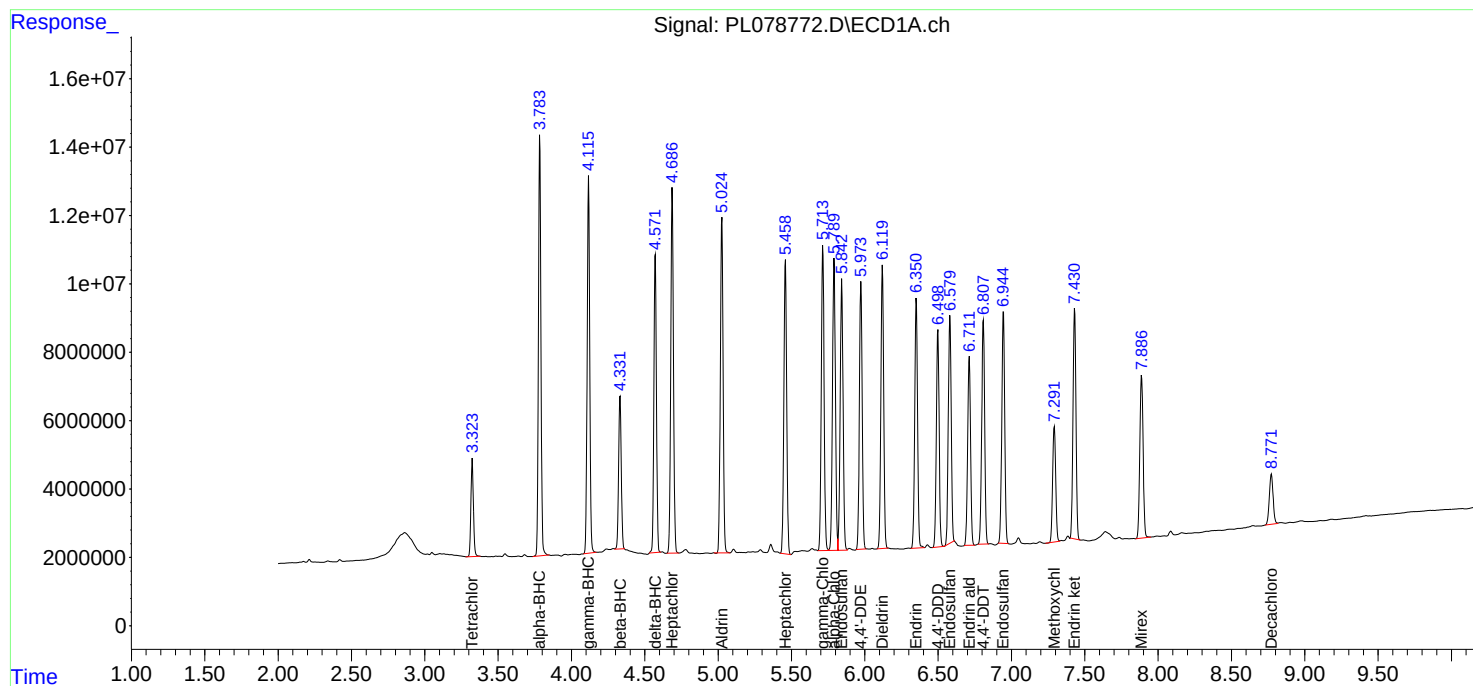
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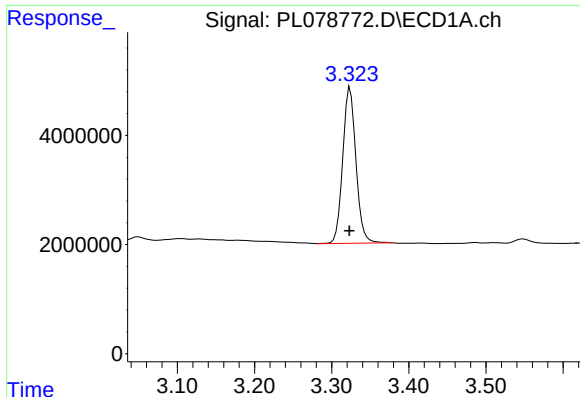
Reviewed By :Abdul Mirza 11/04/2022

Supervised By :Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:17:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





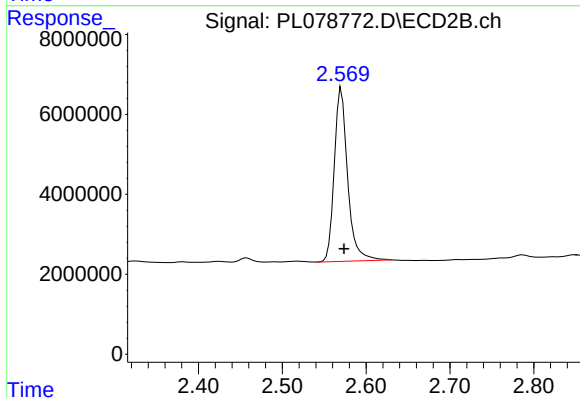
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 34001073
Conc: 17.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

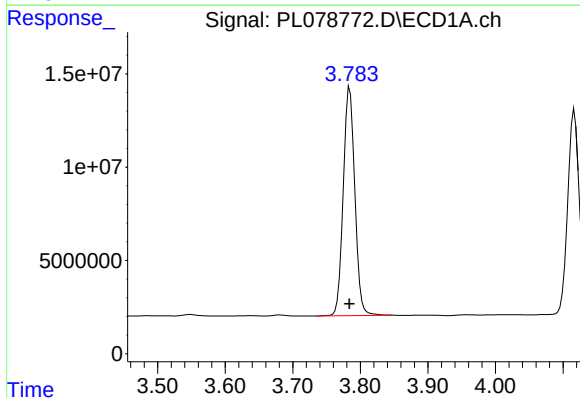
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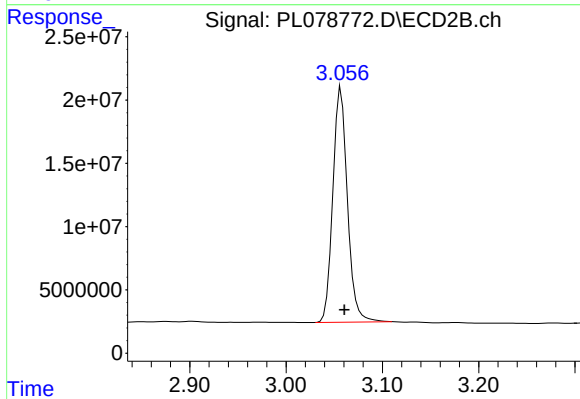
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 48109174
Conc: 18.84 ng/ml



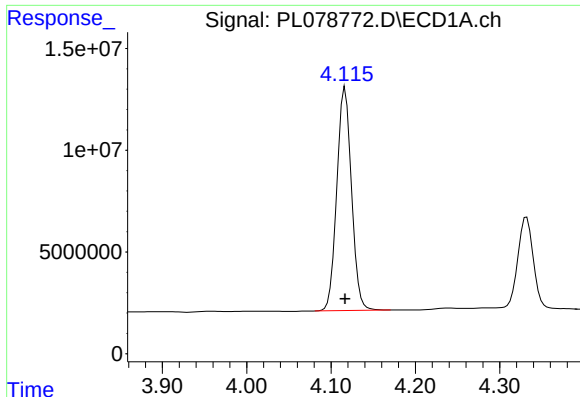
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 145702880
Conc: 50.74 ng/ml



#2 alpha-BHC

R.T.: 3.057 min
Delta R.T.: -0.004 min
Response: 196016552
Conc: 49.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: 0.000 min
Response: 132734863
Conc: 49.68 ng/ml

Instrument :

ECD_L

ClientSampleId :

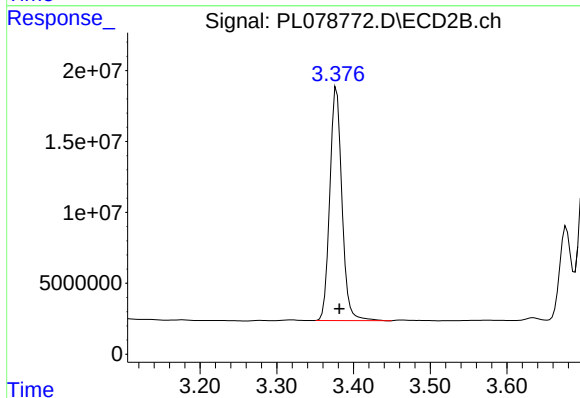
PB148725BS

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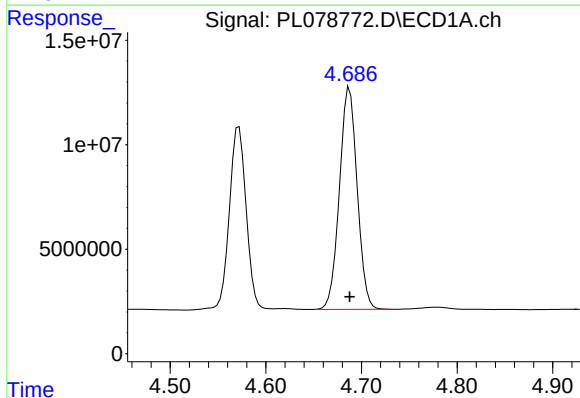
Reviewed By :Abdul Mirza 11/04/2022

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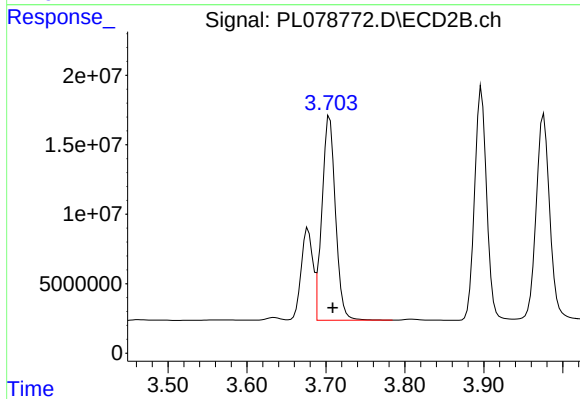
#3 gamma-BHC (Lindane)

R.T.: 3.378 min
Delta R.T.: -0.004 min
Response: 180607396
Conc: 50.25 ng/ml



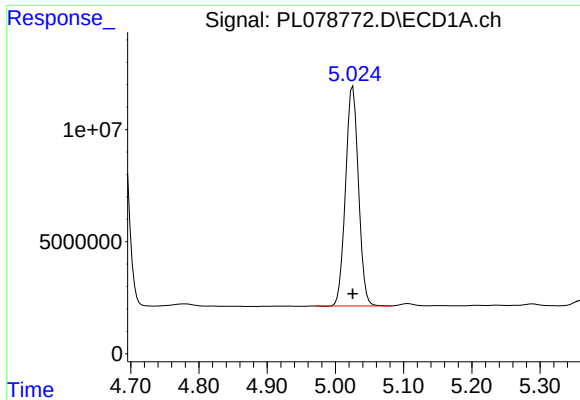
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 137133526
Conc: 52.82 ng/ml



#4 Heptachlor

R.T.: 3.705 min
Delta R.T.: -0.004 min
Response: 174966376
Conc: 50.45 ng/ml



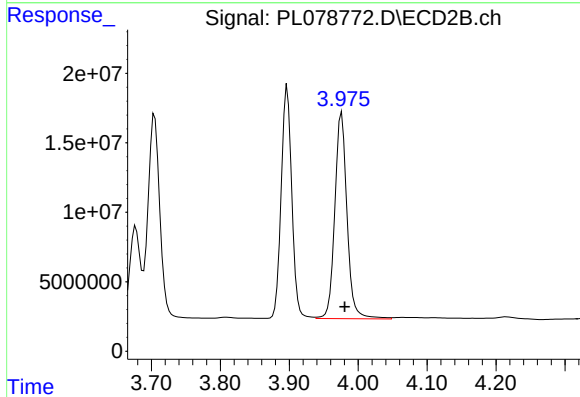
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 129054210
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

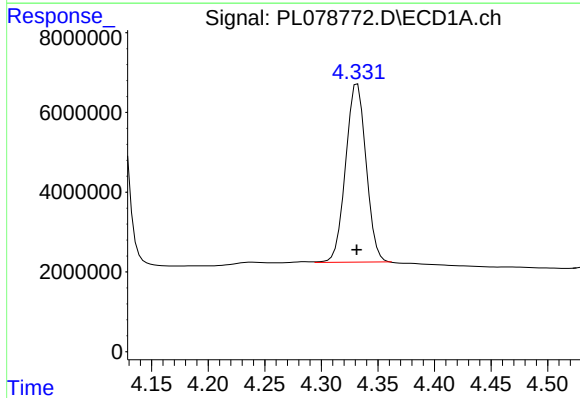
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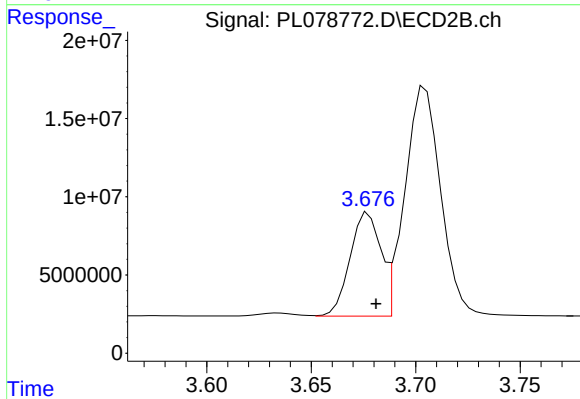
#5 Aldrin

R.T.: 3.976 min
Delta R.T.: -0.004 min
Response: 182593388
Conc: 52.14 ng/ml



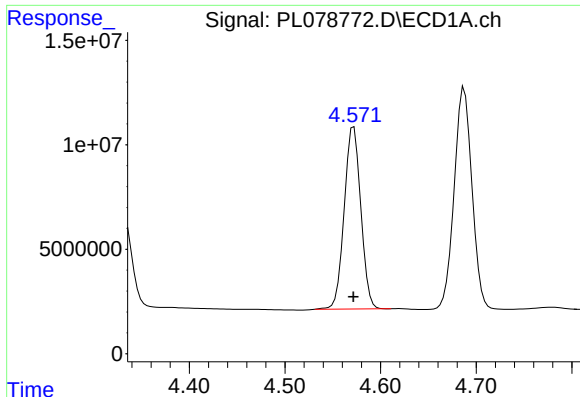
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 56317294
Conc: 48.89 ng/ml



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: -0.004 min
Response: 67740145
Conc: 47.21 ng/ml



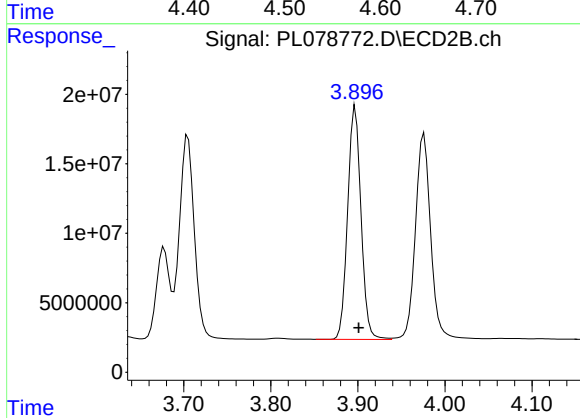
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 105655513
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

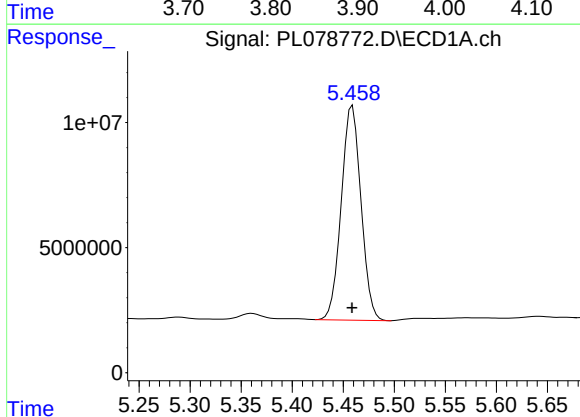
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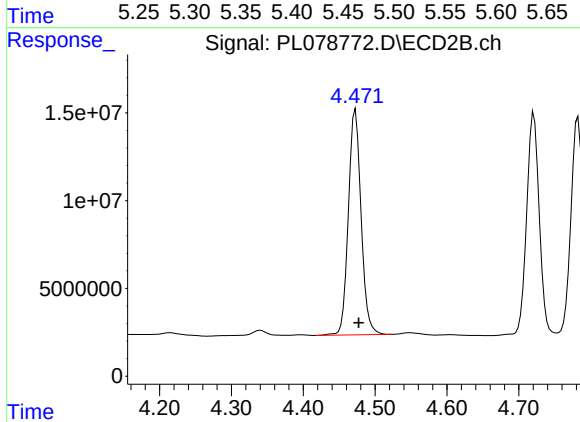
#7 delta-BHC

R.T.: 3.897 min
Delta R.T.: -0.004 min
Response: 178740122
Conc: 49.09 ng/ml



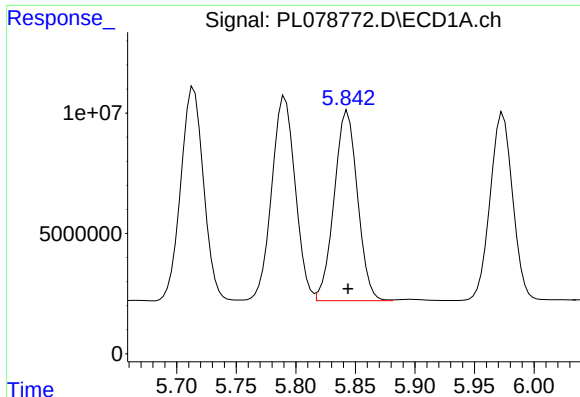
#8 Heptachlor epoxide

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 115416202
Conc: 54.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.473 min
Delta R.T.: -0.005 min
Response: 157834575
Conc: 52.38 ng/ml



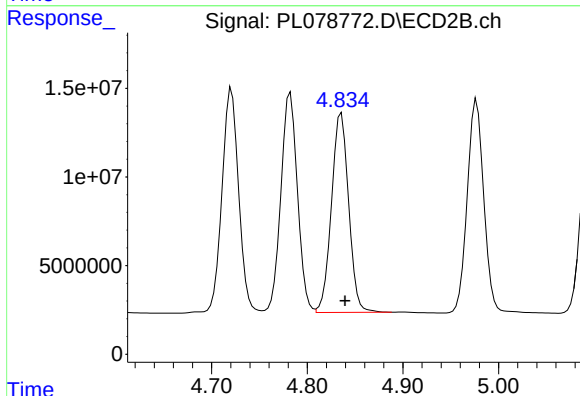
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 107619307
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

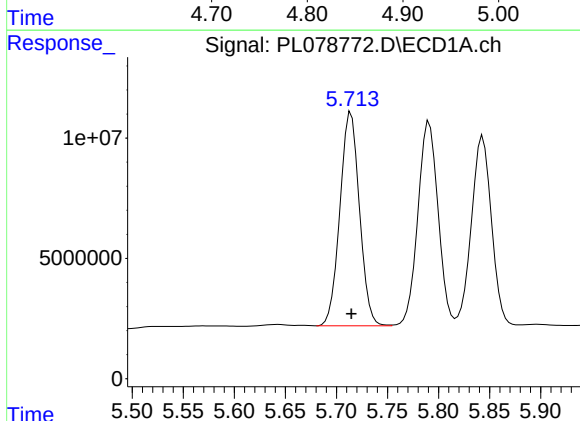
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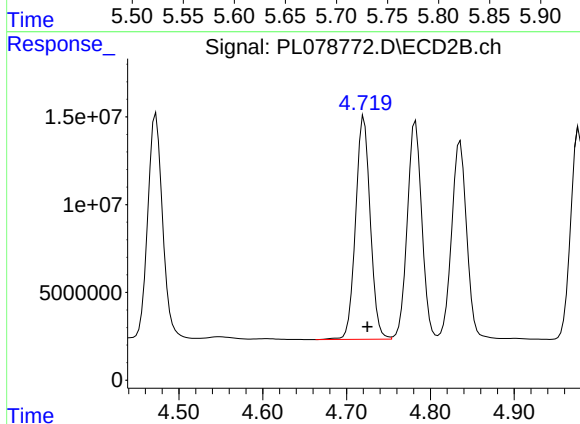
#9 Endosulfan I

R.T.: 4.836 min
Delta R.T.: -0.004 min
Response: 140288685
Conc: 49.01 ng/ml



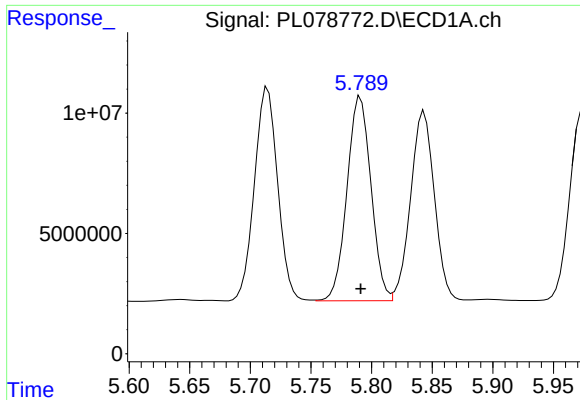
#10 gamma-Chlordane

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 118375465
Conc: 52.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 154581403
Conc: 50.44 ng/ml



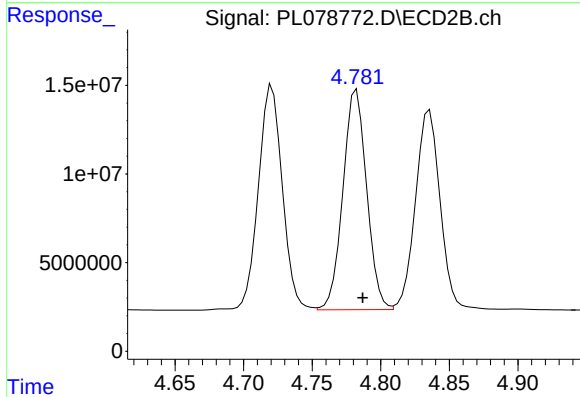
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 117017150
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

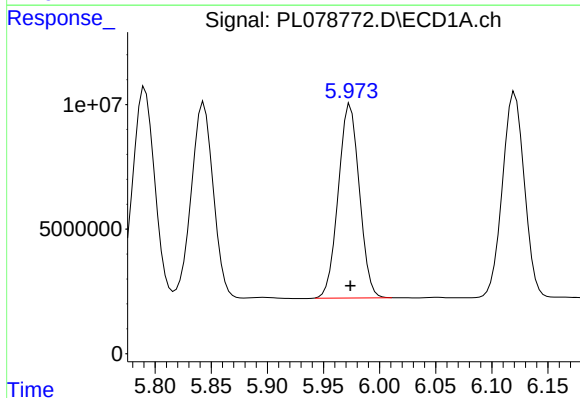
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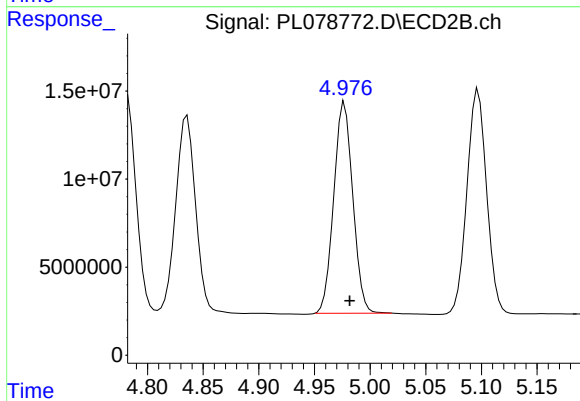
#11 alpha-Chlordane

R.T.: 4.782 min
Delta R.T.: -0.004 min
Response: 149523153
Conc: 50.17 ng/ml



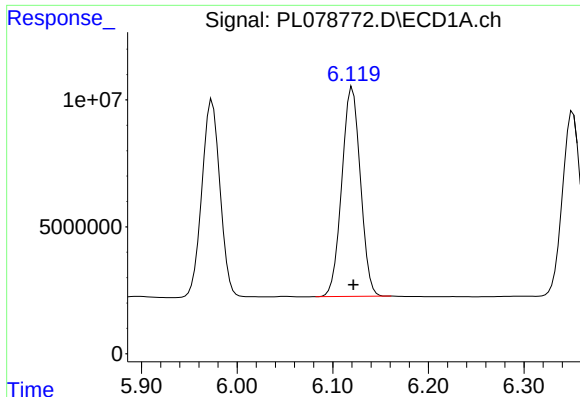
#12 4,4'-DDE

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 101727263
Conc: 50.83 ng/ml



#12 4,4'-DDE

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 142843038
Conc: 52.47 ng/ml



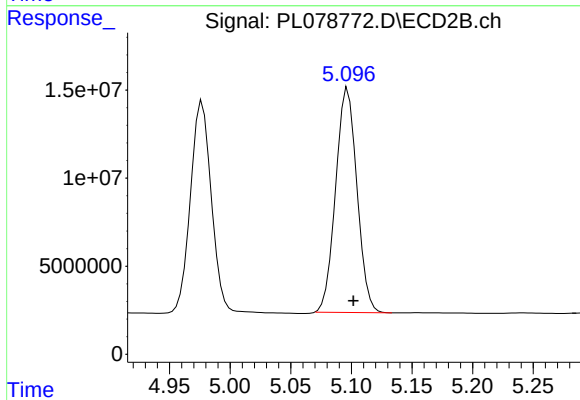
#13 Dieldrin

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 111845405
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

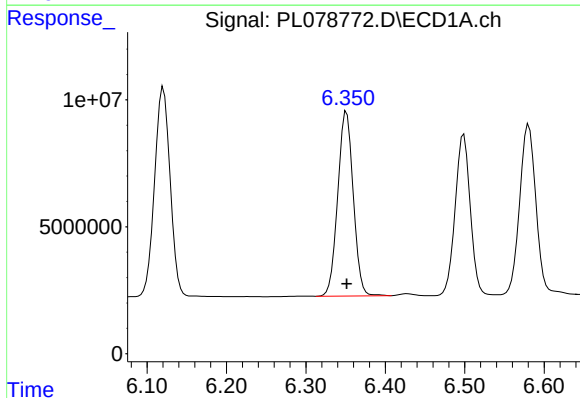
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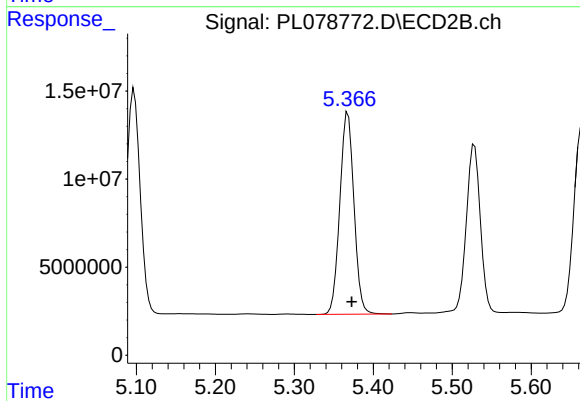
#13 Dieldrin

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 155850483
Conc: 52.60 ng/ml



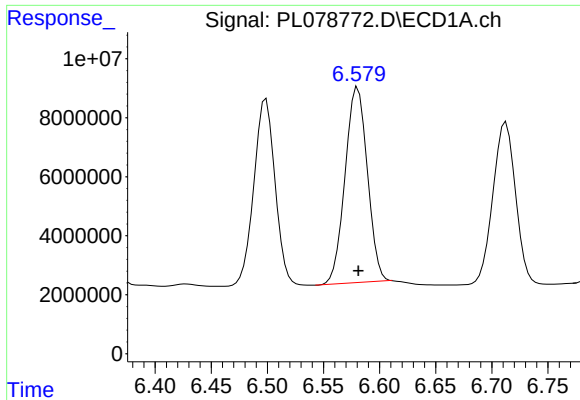
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 98975872
Conc: 52.15 ng/ml



#14 Endrin

R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 142642926
Conc: 54.75 ng/ml



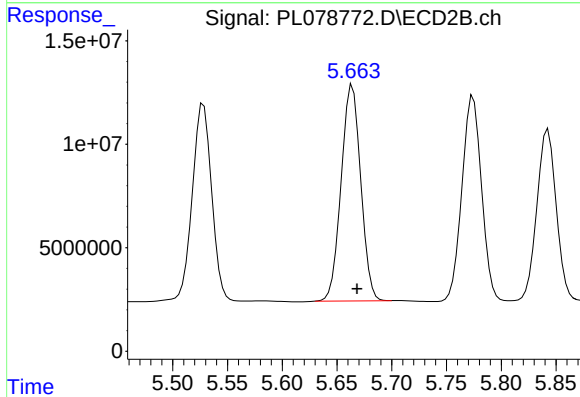
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 91624968
Conc: 48.84 ng/ml

Instrument :
ECD_L
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PB148725BS

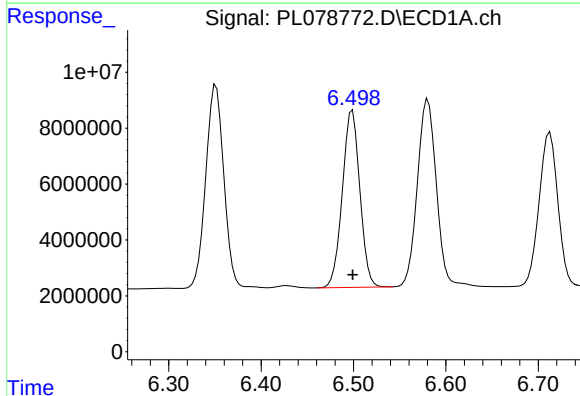
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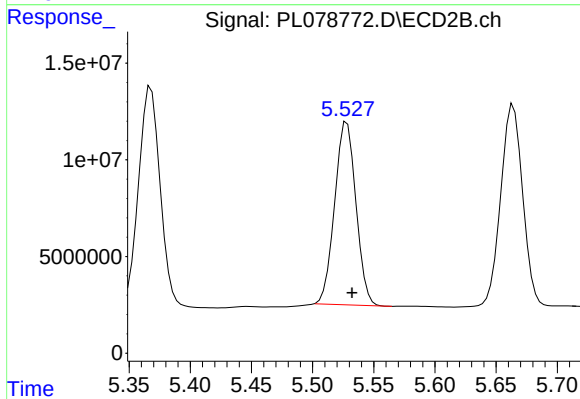
#15 Endosulfan II

R.T.: 5.664 min
Delta R.T.: -0.004 min
Response: 130006333
Conc: 57.11 ng/ml



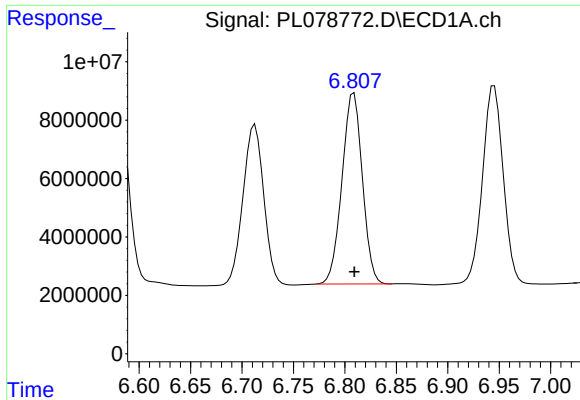
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 83477797
Conc: 50.08 ng/ml



#16 4,4'-DDD

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 114256337
Conc: 52.02 ng/ml



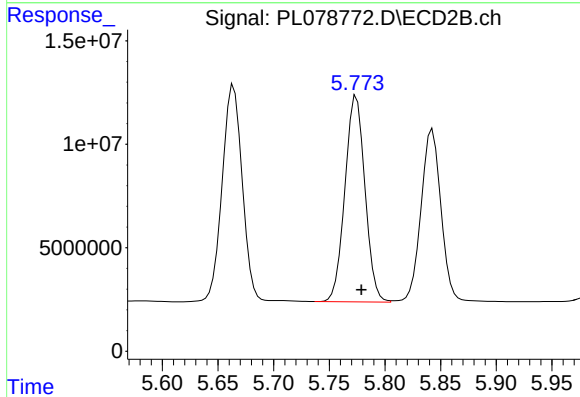
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 90227739
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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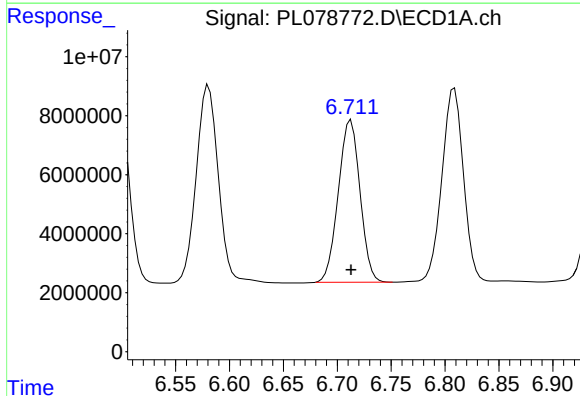
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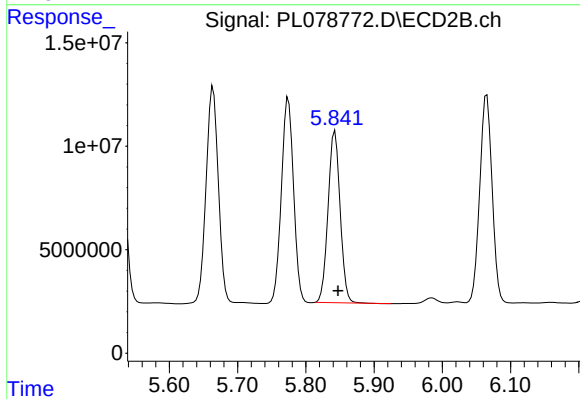
#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 124702321
Conc: 57.49 ng/ml m



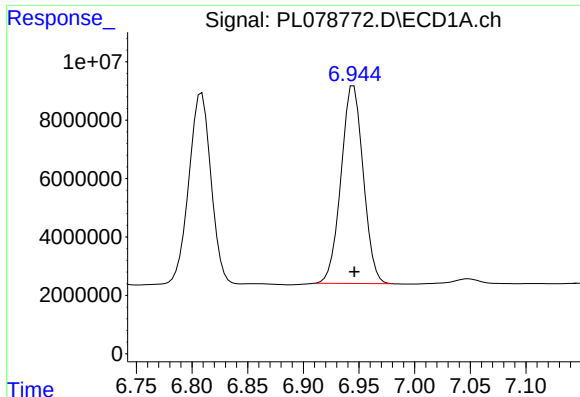
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 77134879
Conc: 53.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 101875711
Conc: 54.28 ng/ml



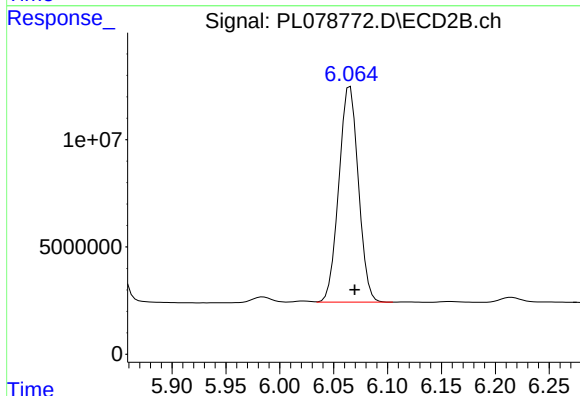
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 94076130
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

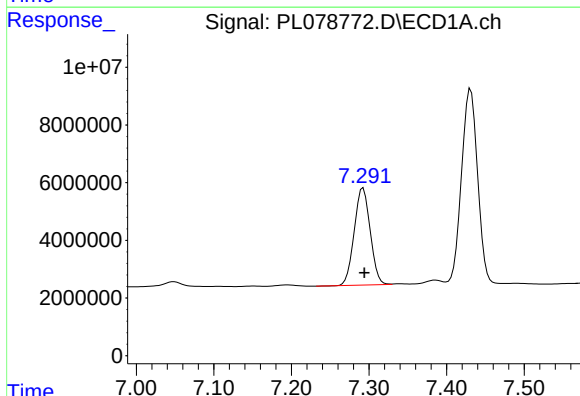
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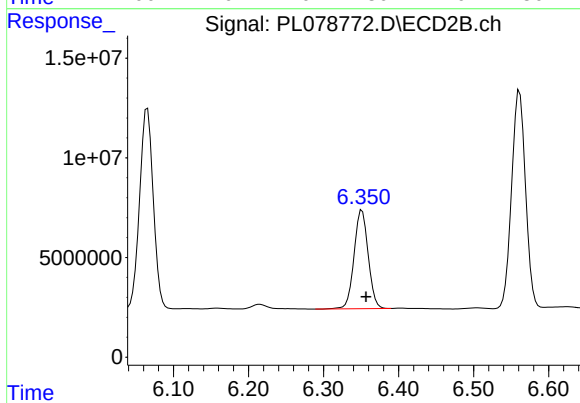
#19 Endosulfan Sulfate

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 126787505
Conc: 53.26 ng/ml



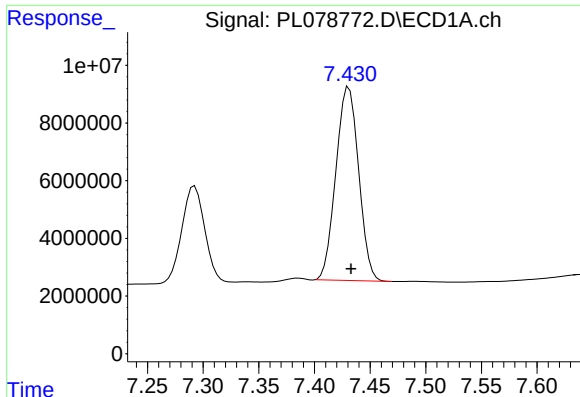
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 48177018
Conc: 52.32 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 64743695
Conc: 57.05 ng/ml



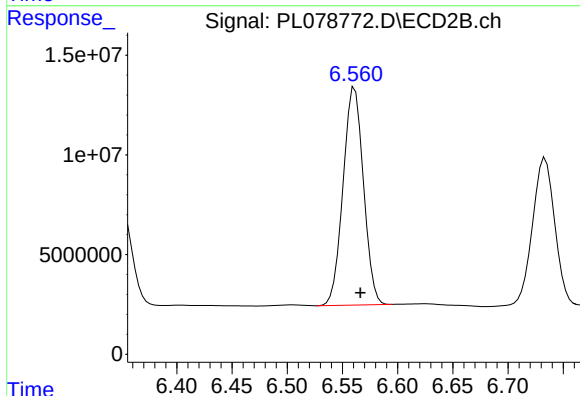
#21 Endrin ketone

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 95492742
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

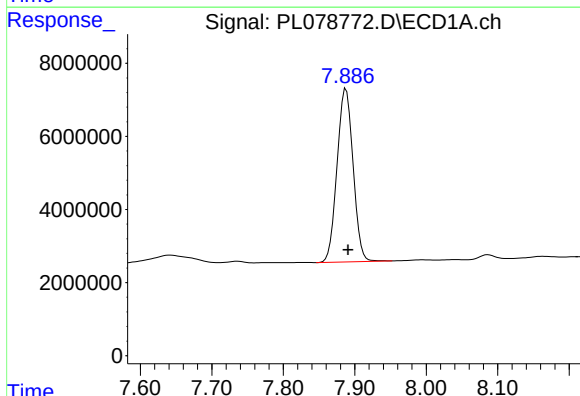
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APPROVED

Reviewed By :Abdul Mirza 11/04/2022
Supervised By :Ankita Jodhani 11/04/2022



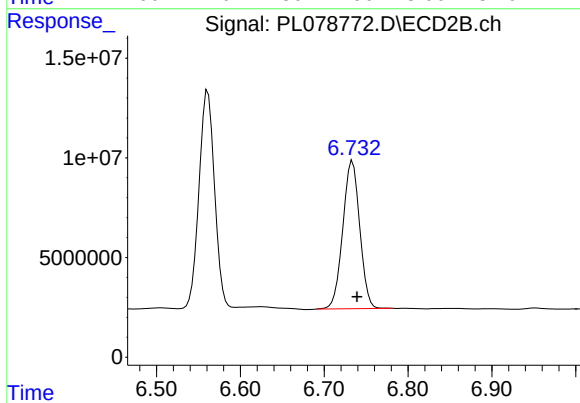
#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 140429902
Conc: 54.33 ng/ml



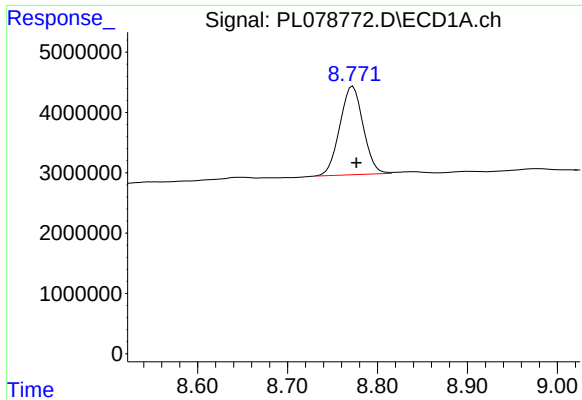
#22 Mirex

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 73881994
Conc: 50.61 ng/ml



#22 Mirex

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 104498958
Conc: 53.10 ng/ml



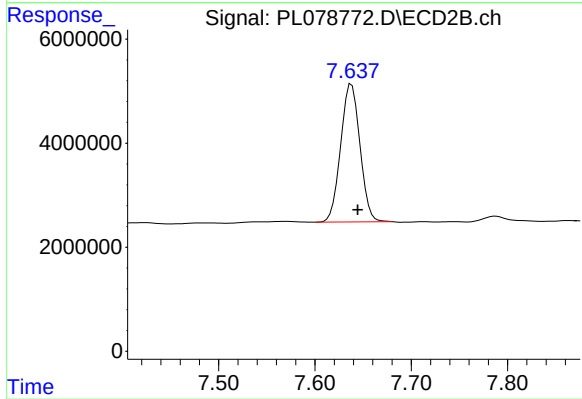
#28 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 26414670
Conc: 17.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148725BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 36807463
Conc: 19.43 ng/ml