

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 17:24
 Operator : AR\AJ
 Sample : 02260-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-1BMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:54:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 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...	3.326	2.673f	39212734	33432514	16.859	16.748
28)	SA Decachlor...	8.743	7.787	30423527	35138331	17.000	17.718
Target Compounds							
2)	A alpha-BHC	3.775	3.171f	146.8E6	124.4E6	42.813	42.663
3)	MA gamma-BHC...	4.103	3.499f	133.6E6	123.8E6	42.054	44.450
4)	MA Heptachlor	4.680	3.831	130.1E6	119.5E6	41.286m	41.678
5)	MB Aldrin	5.018	4.109	124.6E6	113.4E6	43.549	42.545
6)	B beta-BHC	4.305	3.798f	62044497	49984763	41.223	41.969
7)	B delta-BHC	4.547	4.025	133.3E6	115.2E6	43.851	44.564
8)	B Heptachlo...	5.444	4.610	114.7E6	106.2E6	42.162	43.746
9)	A Endosulfan I	5.825	4.977	103.3E6	94924886	41.825	42.997
10)	B gamma-Chl...	5.699	4.859	111.9E6	104.4E6	42.643	42.940
11)	B alpha-Chl...	5.777	4.922	111.0E6	105.7E6	42.886	43.533
12)	B 4,4'-DDE	5.955	5.112	93535821	85576741	41.504	43.444
13)	MA Dieldrin	6.099	5.242	104.8E6	101.7E6	43.281	45.201
14)	MA Endrin	6.326	5.516	89120875	90810419	42.133	44.873
15)	B Endosulfa...	6.548	5.812	89667229	88659086	42.254	48.874
16)	A 4,4'-DDD	6.469	5.667	76779410	68565729	42.573	45.182
17)	MA 4,4'-DDT	6.781	5.915	82622280	77508775	40.708	44.978
18)	B Endrin al...	6.676	5.992	74135643	71609011	45.312m	46.111
19)	B Endosulfa...	6.912	6.215	89509336	87488476	42.950	44.965
20)	A Methoxychlor	7.261	6.495	48284409	48223859	44.837	48.416
21)	B Endrin ke...	7.391	6.720	93817515	97575844	44.789	45.660
22)	Mirex	7.854	6.892	75008713	83399722	43.781m	43.443

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
Data File : PL081960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2023 17:24
Operator : AR\AJ
Sample : 02260-04MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

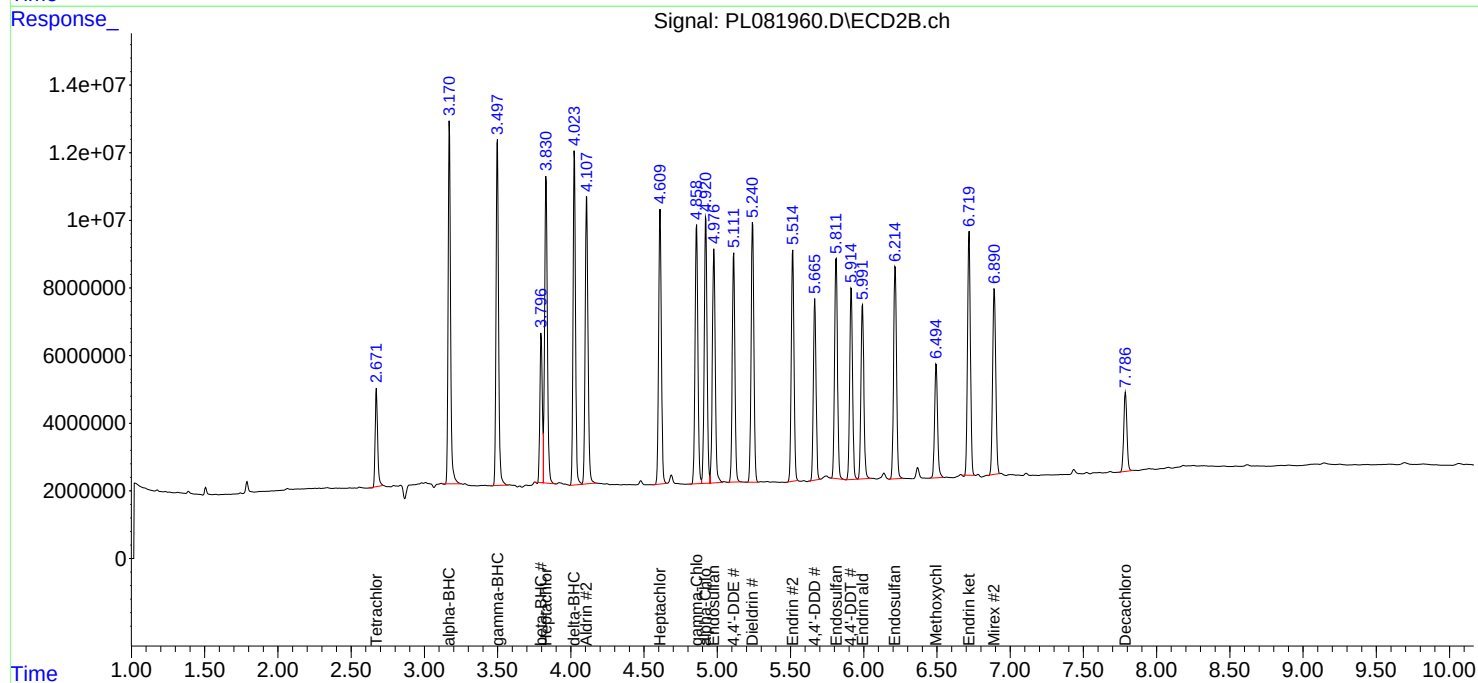
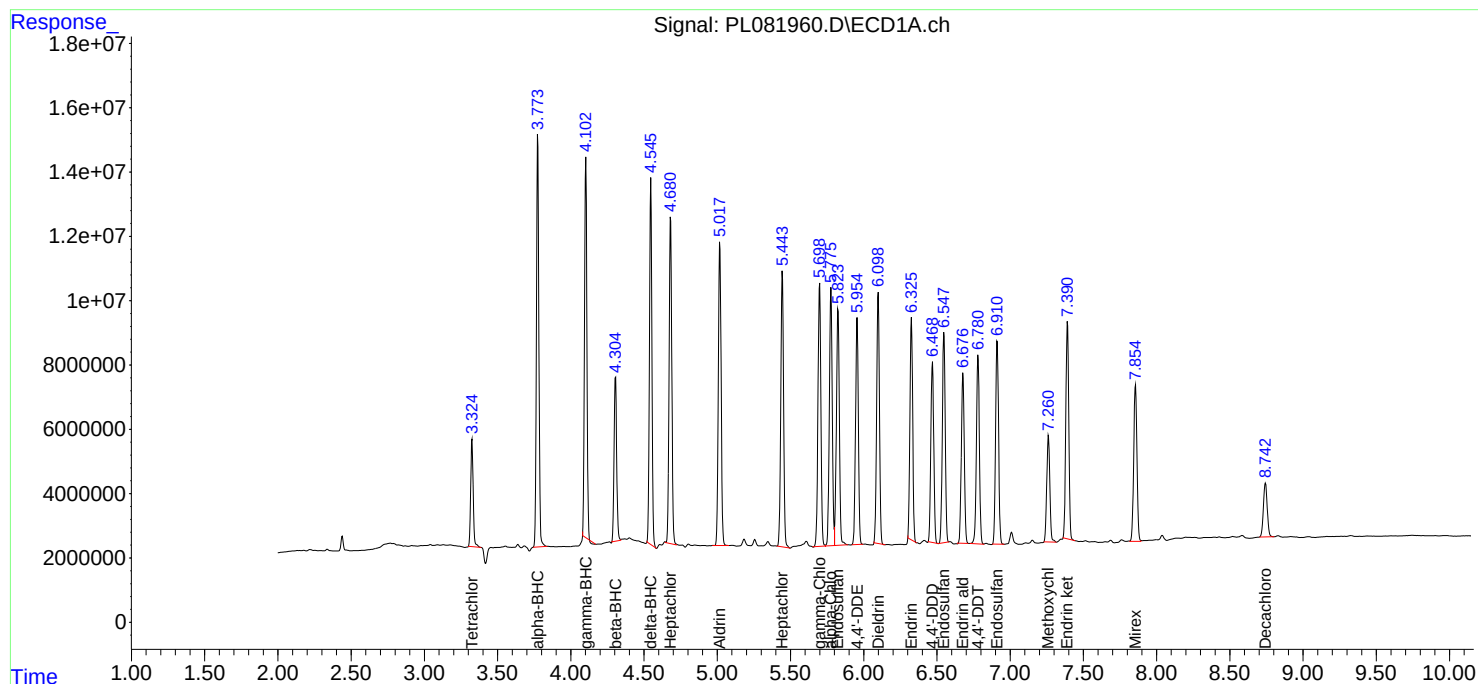
Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

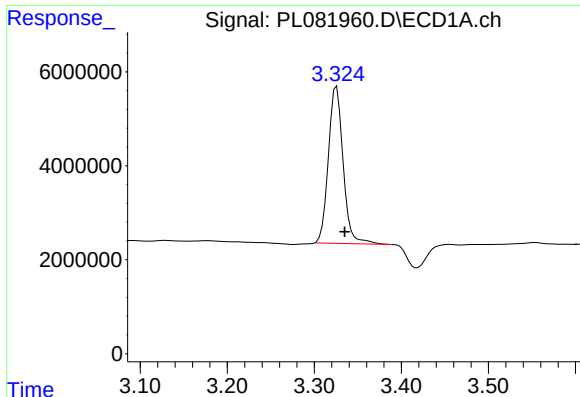
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 22:54:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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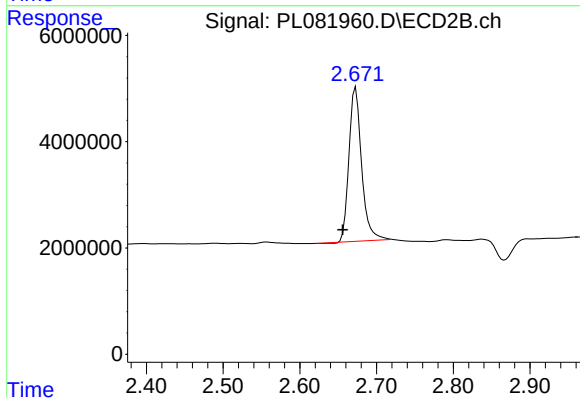
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 39212734
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

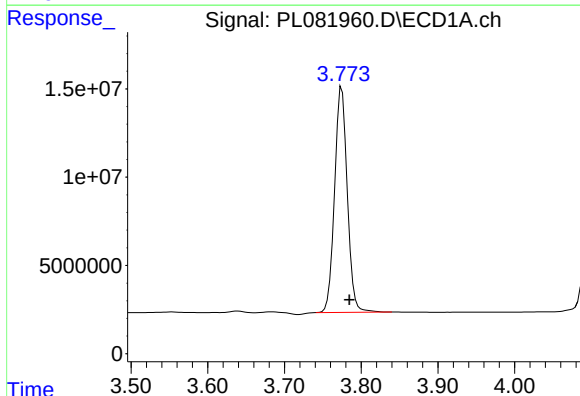
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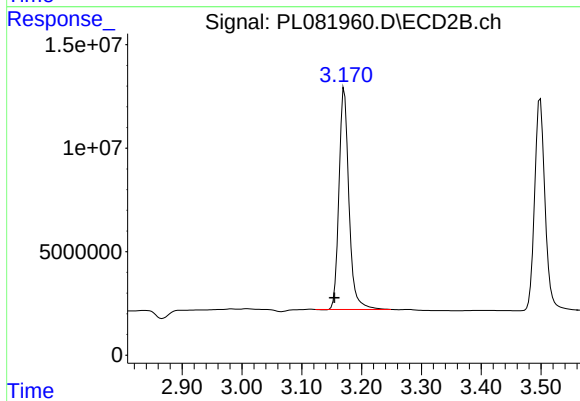
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: 0.017 min
Response: 33432514
Conc: 16.75 ng/ml



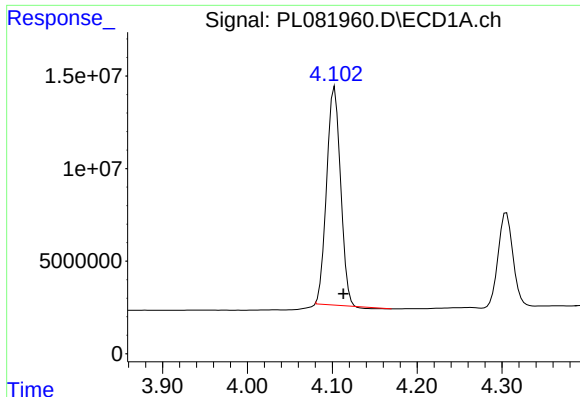
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 146780914
Conc: 42.81 ng/ml



#2 alpha-BHC

R.T.: 3.171 min
Delta R.T.: 0.016 min
Response: 124361321
Conc: 42.66 ng/ml



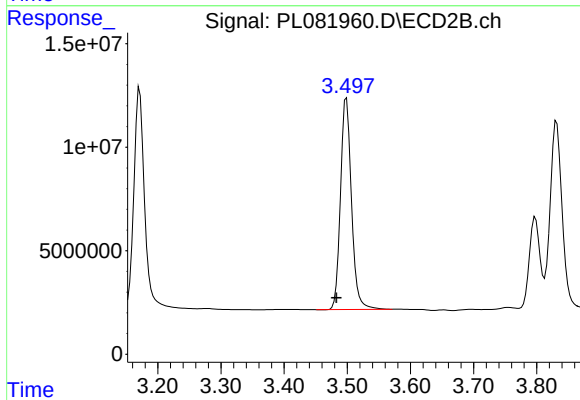
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 133597391
Conc: 42.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

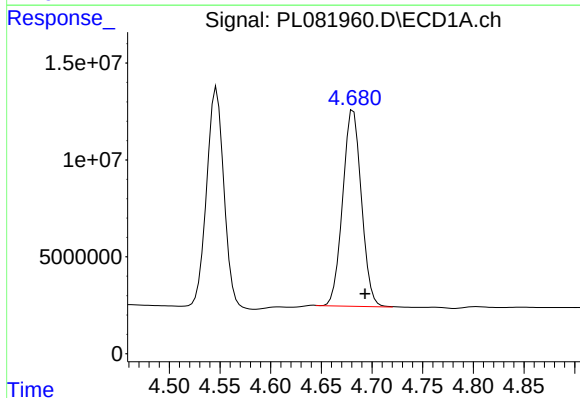
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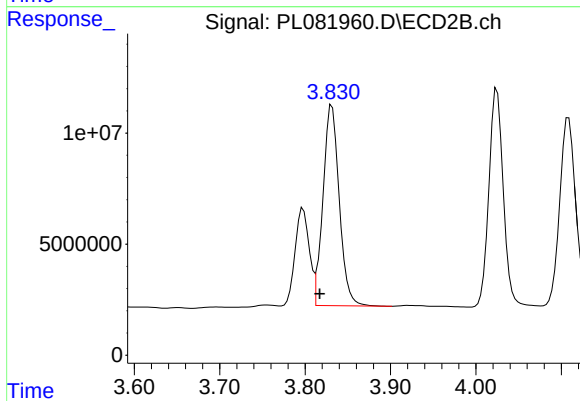
#3 gamma-BHC (Lindane)

R.T.: 3.499 min
Delta R.T.: 0.016 min
Response: 123757318
Conc: 44.45 ng/ml



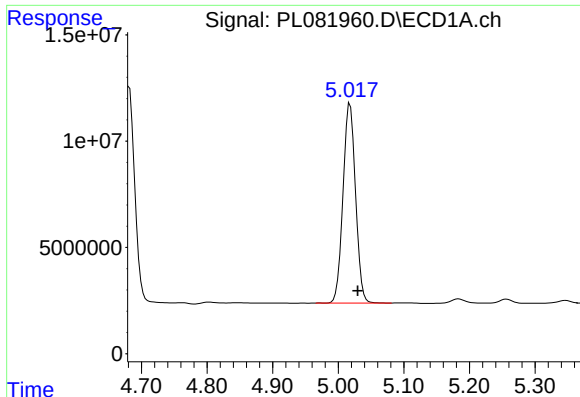
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.013 min
Response: 130139851
Conc: 41.29 ng/ml m



#4 Heptachlor

R.T.: 3.831 min
Delta R.T.: 0.014 min
Response: 119487963
Conc: 41.68 ng/ml



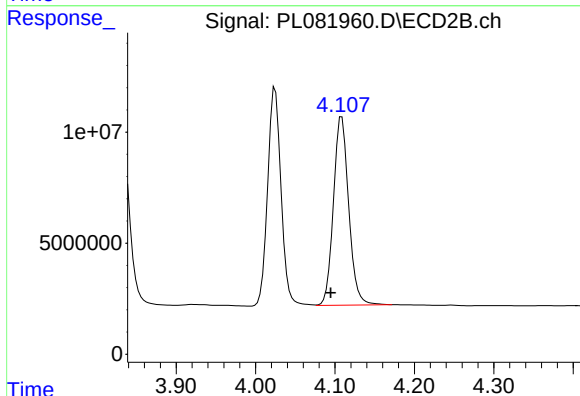
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 124563596
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

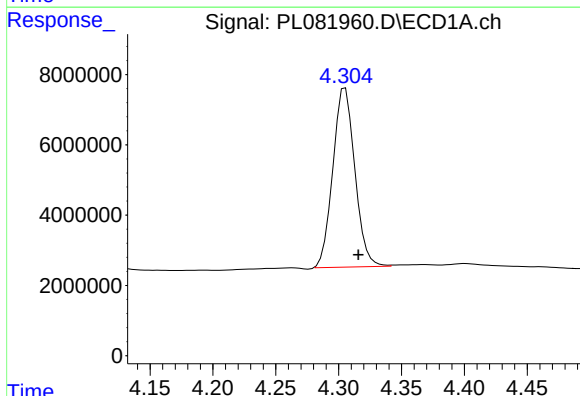
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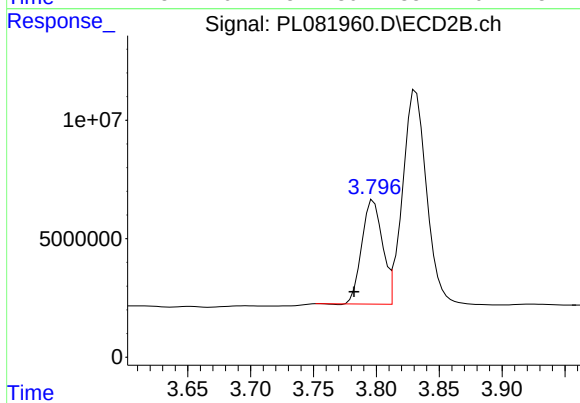
#5 Aldrin

R.T.: 4.109 min
Delta R.T.: 0.014 min
Response: 113361185
Conc: 42.55 ng/ml



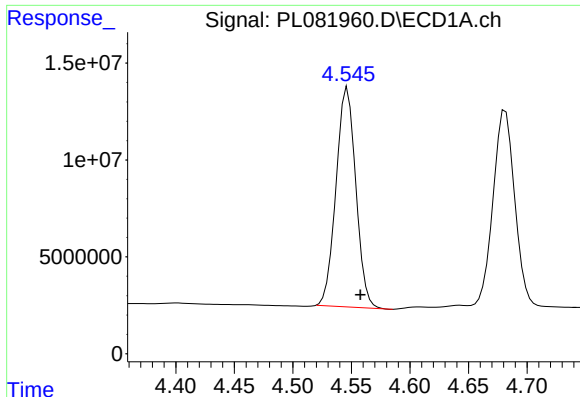
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.010 min
Response: 62044497
Conc: 41.22 ng/ml



#6 beta-BHC

R.T.: 3.798 min
Delta R.T.: 0.015 min
Response: 49984763
Conc: 41.97 ng/ml



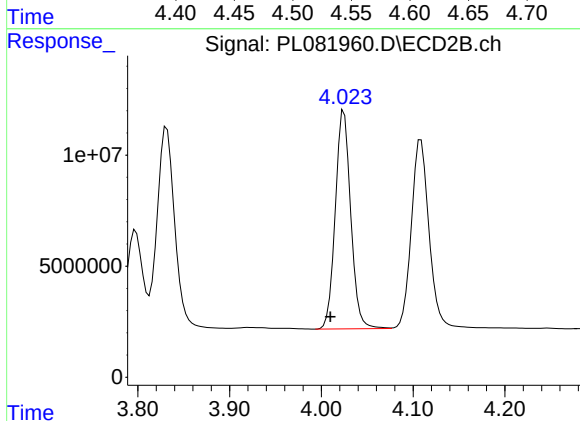
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 133271479
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

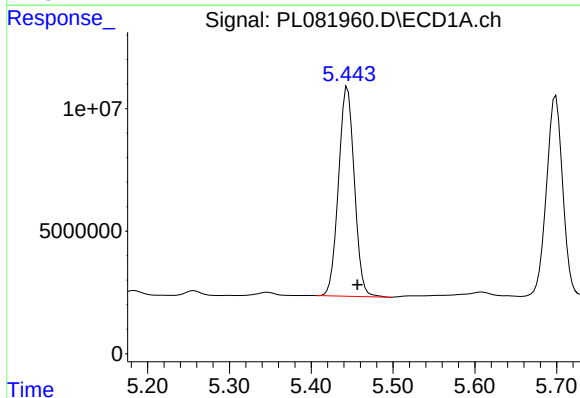
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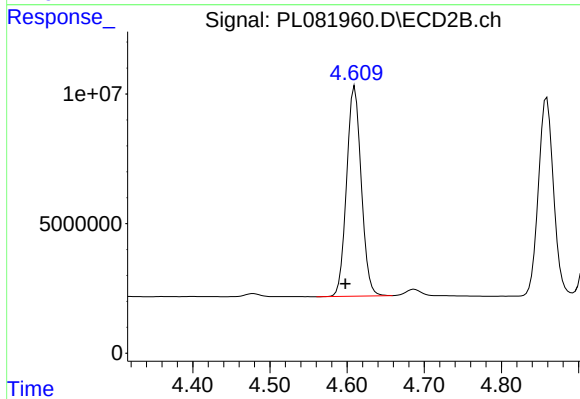
#7 delta-BHC

R.T.: 4.025 min
Delta R.T.: 0.015 min
Response: 115246549
Conc: 44.56 ng/ml



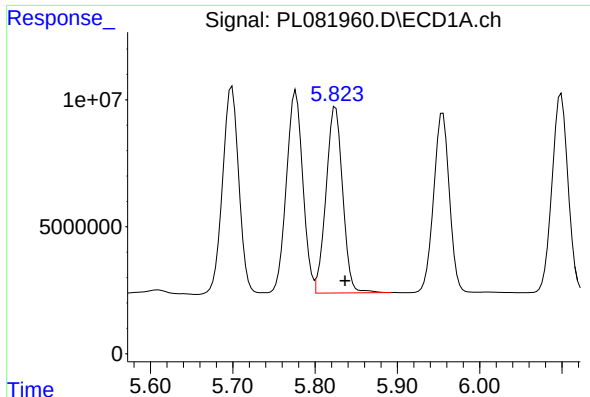
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 114682480
Conc: 42.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.610 min
Delta R.T.: 0.012 min
Response: 106248494
Conc: 43.75 ng/ml



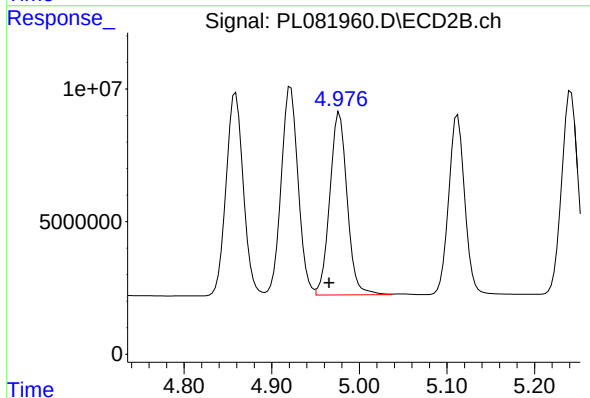
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.012 min
Response: 103341506
Conc: 41.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

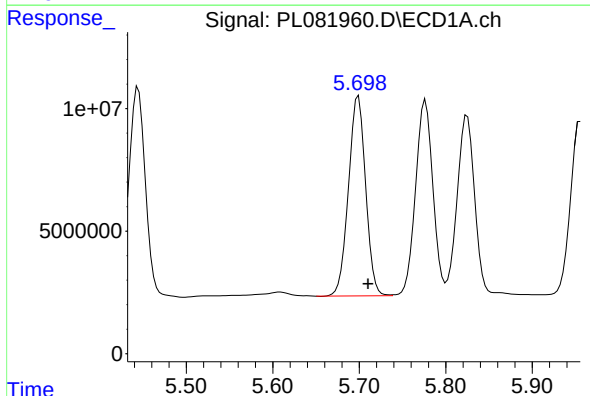
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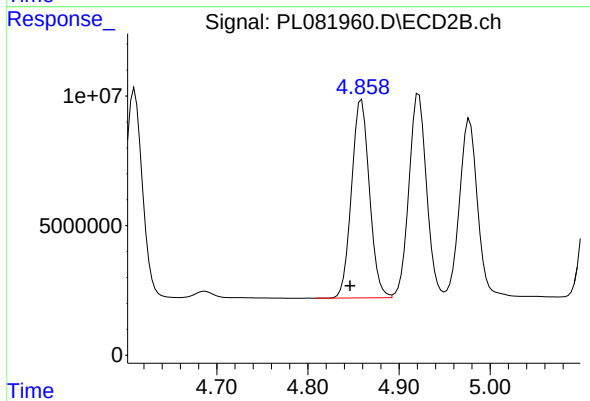
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: 0.012 min
Response: 94924886
Conc: 43.00 ng/ml



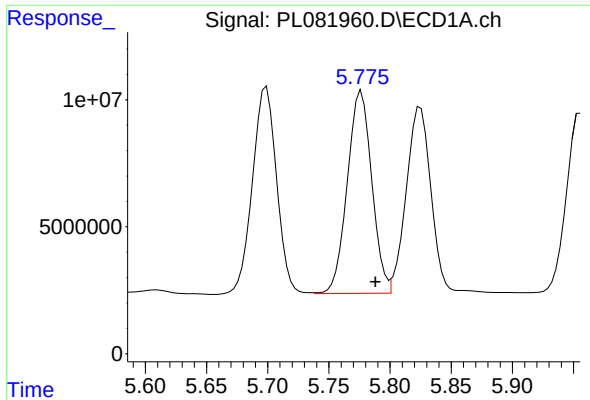
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 111946323
Conc: 42.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: 0.013 min
Response: 104360287
Conc: 42.94 ng/ml



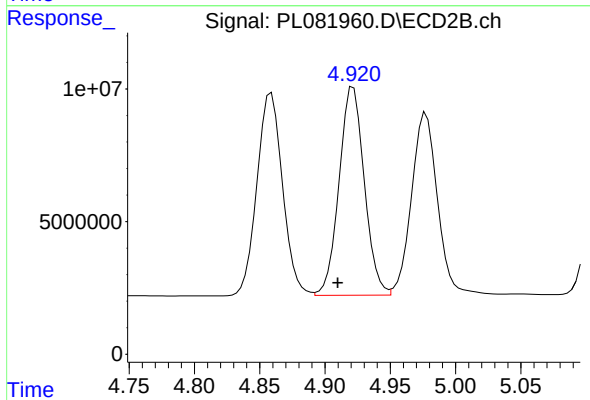
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.012 min
Response: 111006580
Conc: 42.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

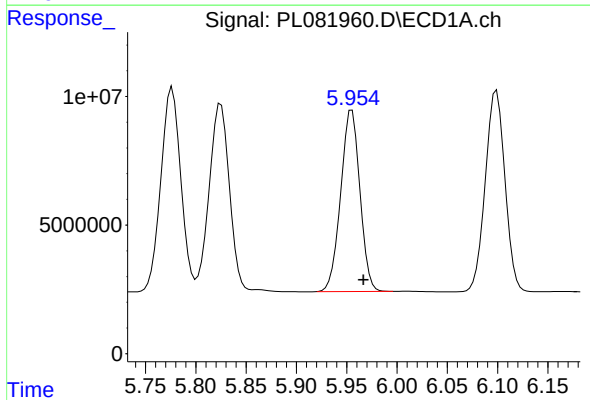
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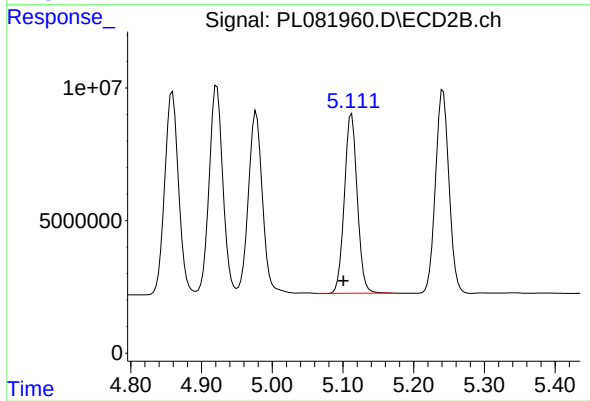
#11 alpha-Chlordane

R.T.: 4.922 min
Delta R.T.: 0.012 min
Response: 105738367
Conc: 43.53 ng/ml



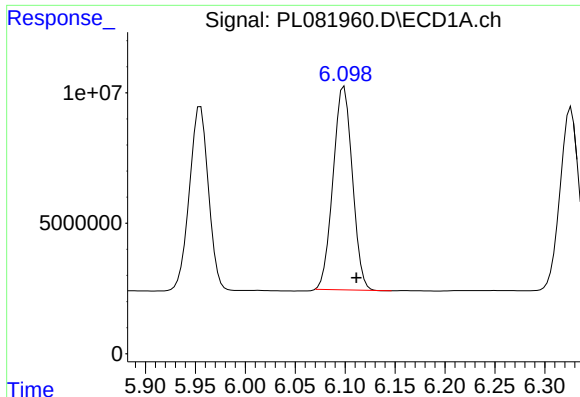
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 93535821
Conc: 41.50 ng/ml



#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: 0.012 min
Response: 85576741
Conc: 43.44 ng/ml



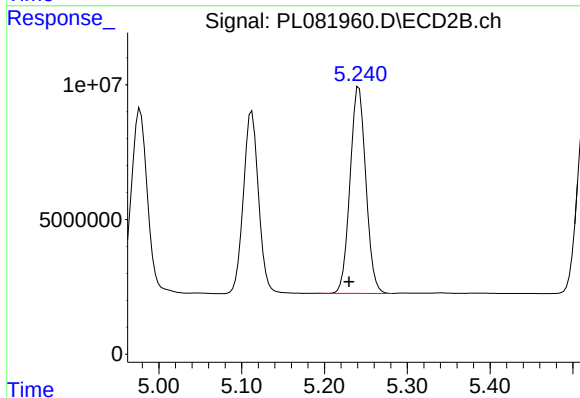
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 104780074
Conc: 43.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

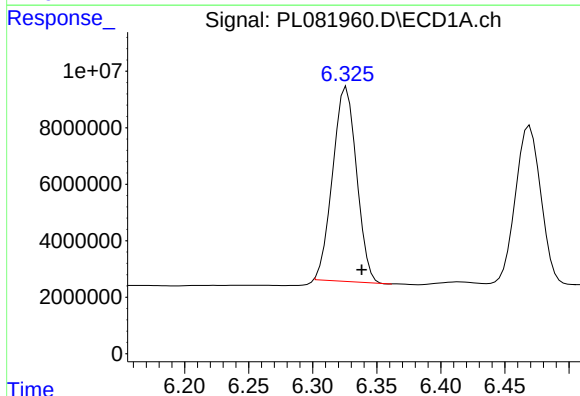
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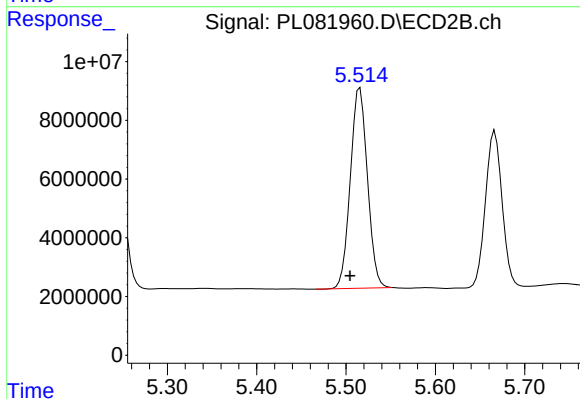
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: 0.012 min
Response: 101675324
Conc: 45.20 ng/ml



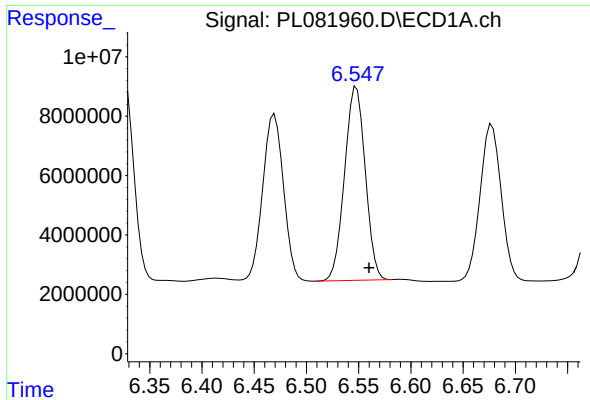
#14 Endrin

R.T.: 6.326 min
Delta R.T.: -0.012 min
Response: 89120875
Conc: 42.13 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: 0.011 min
Response: 90810419
Conc: 44.87 ng/ml



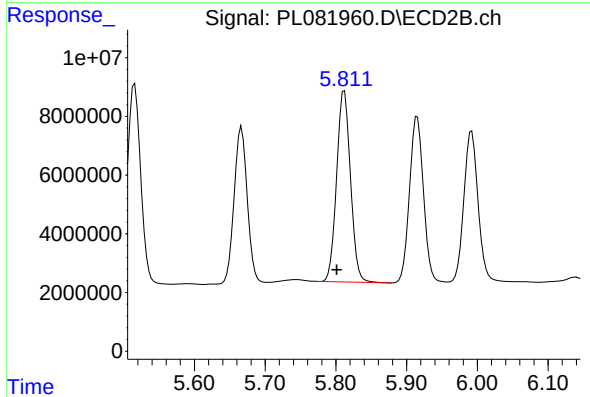
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: -0.012 min
Response: 89667229
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

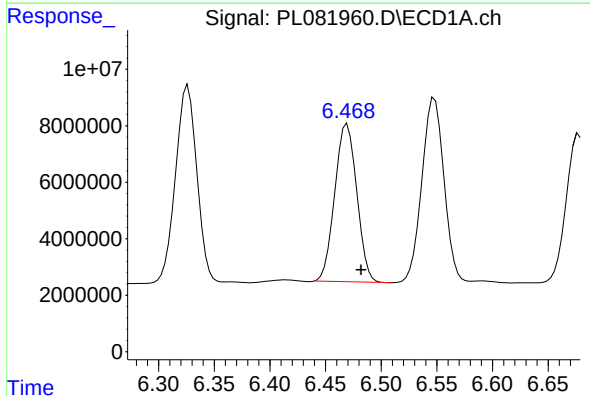
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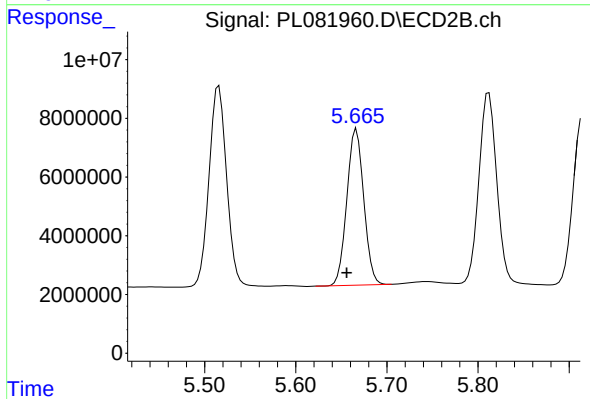
#15 Endosulfan II

R.T.: 5.812 min
Delta R.T.: 0.011 min
Response: 88659086
Conc: 48.87 ng/ml



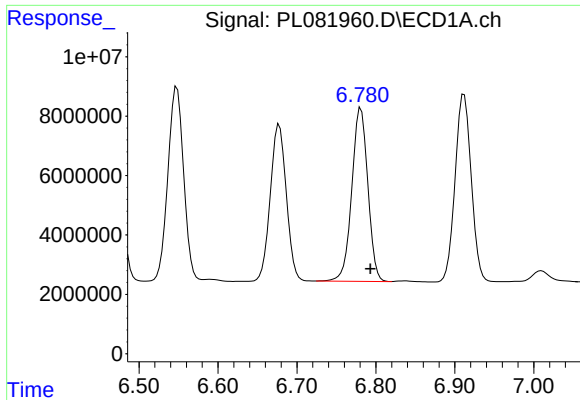
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.012 min
Response: 76779410
Conc: 42.57 ng/ml



#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: 0.011 min
Response: 68565729
Conc: 45.18 ng/ml



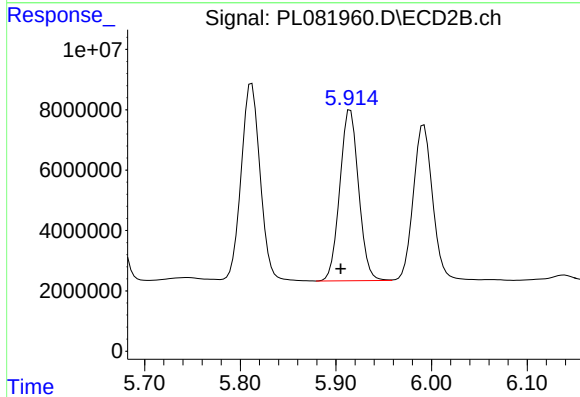
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 82622280
Conc: 40.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

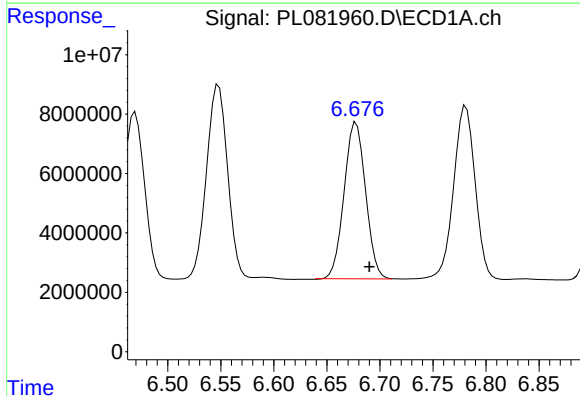
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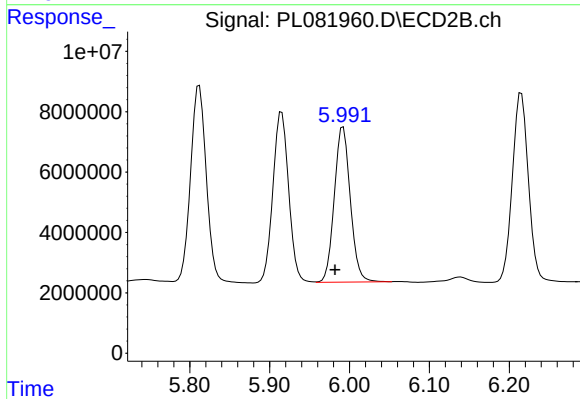
#17 4,4'-DDT

R.T.: 5.915 min
Delta R.T.: 0.010 min
Response: 77508775
Conc: 44.98 ng/ml



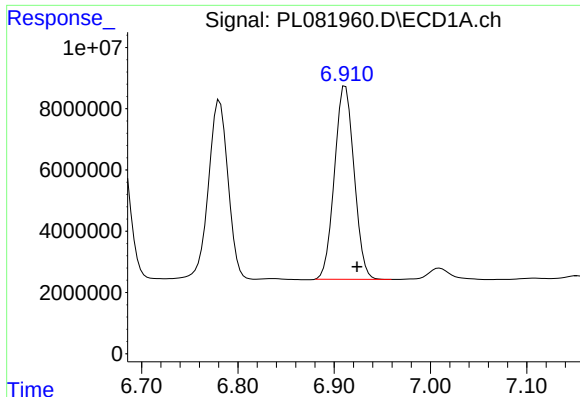
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: -0.014 min
Response: 74135643
Conc: 45.31 ng/ml m



#18 Endrin aldehyde

R.T.: 5.992 min
Delta R.T.: 0.010 min
Response: 71609011
Conc: 46.11 ng/ml



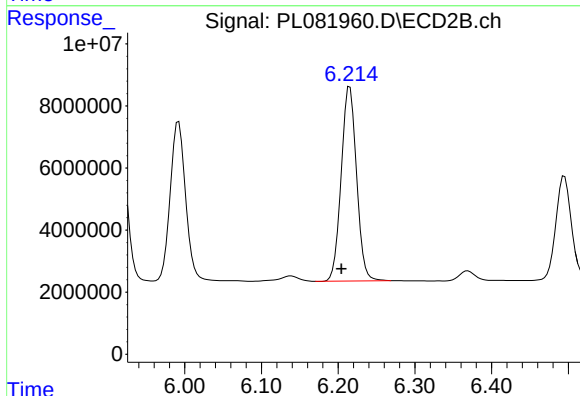
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: -0.012 min
Response: 89509336
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

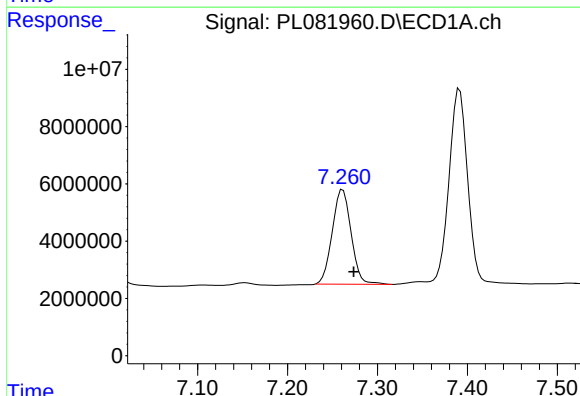
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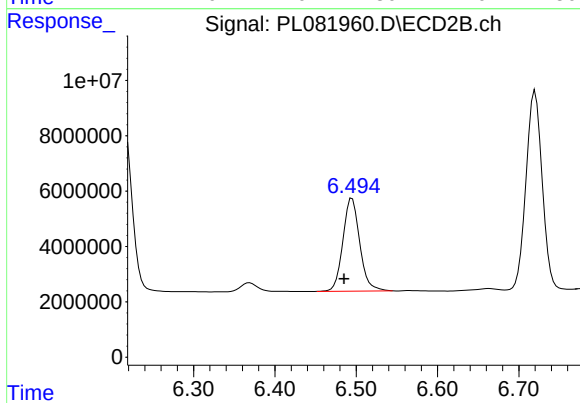
#19 Endosulfan Sulfate

R.T.: 6.215 min
Delta R.T.: 0.011 min
Response: 87488476
Conc: 44.97 ng/ml



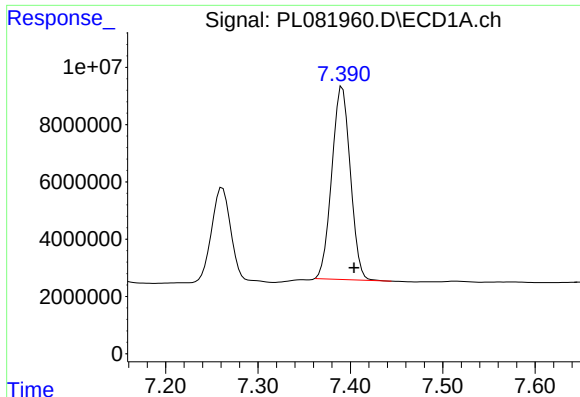
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: -0.012 min
Response: 48284409
Conc: 44.84 ng/ml



#20 Methoxychlor

R.T.: 6.495 min
Delta R.T.: 0.010 min
Response: 48223859
Conc: 48.42 ng/ml



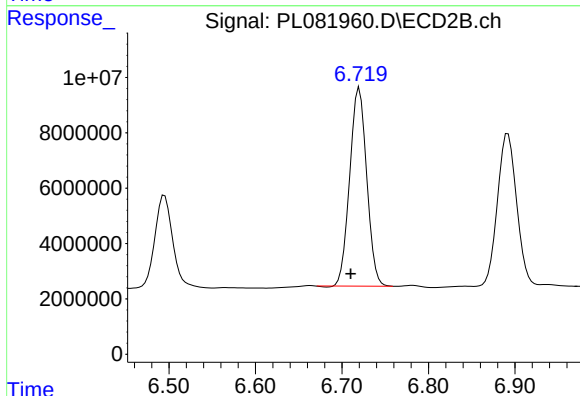
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 93817515
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

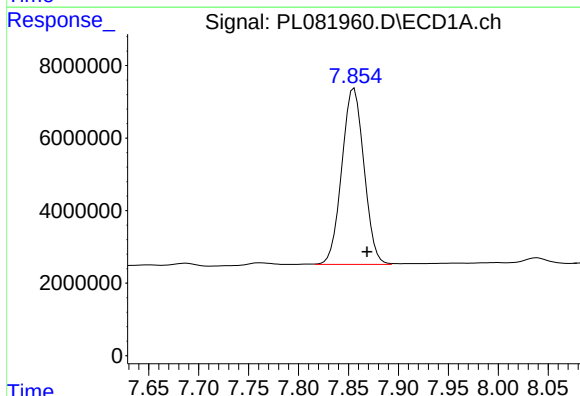
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APPROVED

Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



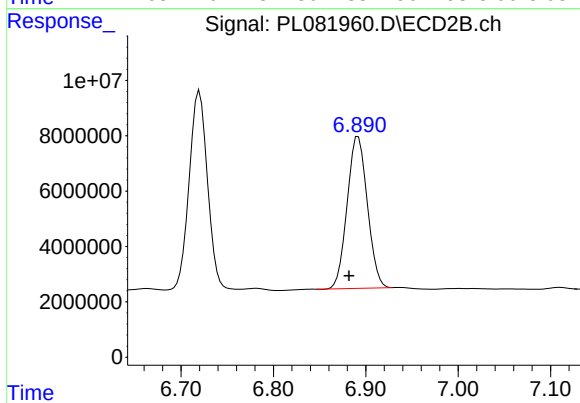
#21 Endrin ketone

R.T.: 6.720 min
Delta R.T.: 0.010 min
Response: 97575844
Conc: 45.66 ng/ml



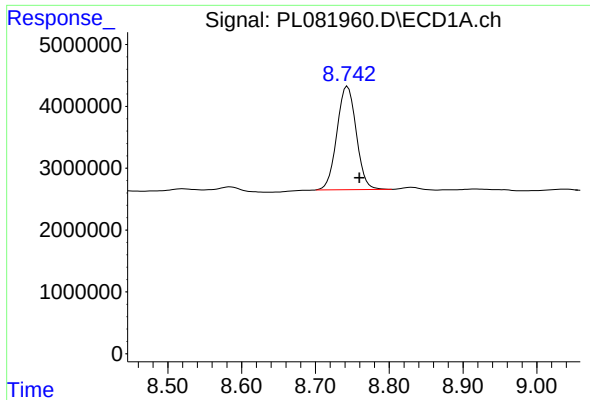
#22 Mirex

R.T.: 7.854 min
Delta R.T.: -0.014 min
Response: 75008713
Conc: 43.78 ng/ml m



#22 Mirex

R.T.: 6.892 min
Delta R.T.: 0.010 min
Response: 83399722
Conc: 43.44 ng/ml



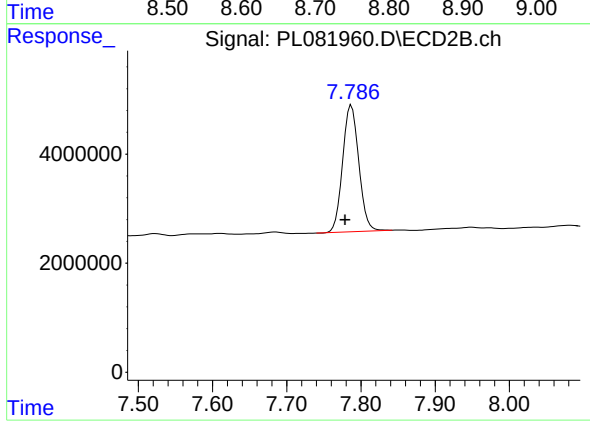
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: -0.016 min
Response: 30423527
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-1BMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.787 min
Delta R.T.: 0.009 min
Response: 35138331
Conc: 17.72 ng/ml