

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
 Data File : PL081209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 23:27
 Operator : AR\AJ
 Sample : 01749-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CF-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/03/2023
 Supervised By :Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 01:57:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.335	2.665	40034537	35957425	18.530	17.767
28) SA Decachlor...	8.761	7.792	28323793	36026491	18.579	18.808
Target Compounds						
2) A alpha-BHC	3.785	3.167	151.6E6	134.6E6	47.648	45.941
3) MA gamma-BHC...	4.114	3.495	148.1E6	134.6E6	50.071	48.935
4) MA Heptachlor	4.693	3.829	132.2E6	129.6E6	47.897	46.975
5) MB Aldrin	5.030	4.107	128.1E6	131.4E6	50.361	50.109
6) B beta-BHC	4.316	3.794	64354059	54572899	46.753	47.020
7) B delta-BHC	4.558	4.023	142.1E6	125.1E6	51.122	49.135
8) B Heptachlo...	5.457	4.610	115.2E6	118.3E6	48.830	48.926
9) A Endosulfan I	5.837	4.978	102.7E6	109.6E6	48.628	48.400
10) B gamma-Chl...	5.712	4.860	113.5E6	118.0E6	49.747	48.210
11) B alpha-Chl...	5.790	4.923	111.5E6	119.1E6	49.502	48.640
12) B 4,4'-DDE	5.967	5.113	94830778	96690938	48.467	49.260
13) MA Dieldrin	6.112	5.243	106.2E6	114.6E6	50.733	50.847
14) MA Endrin	6.339	5.517	91991534	102.3E6	50.615	50.913
15) B Endosulfa...	6.561	5.814	88894097	98568214	50.986	53.462
16) A 4,4'-DDD	6.483	5.668	76727015	76214740	49.843	49.680
17) MA 4,4'-DDT	6.795	5.918	76022266	82552709	47.894	51.457
18) B Endrin al...	6.690	5.995	74702333	80408329	52.190m	53.073
19) B Endosulfa...	6.925	6.218	88475203	95382927	49.276	49.626
20) A Methoxychlor	7.275	6.498	44337088	48645440	51.473	52.414
21) B Endrin ke...	7.405	6.723	93075091	109.4E6	51.309	50.822
22) Mirex	7.871	6.895	71895333	93116849	49.273	48.382

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030223\
Data File : PL081209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Mar 2023 23:27
Operator : AR\AJ
Sample : 01749-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

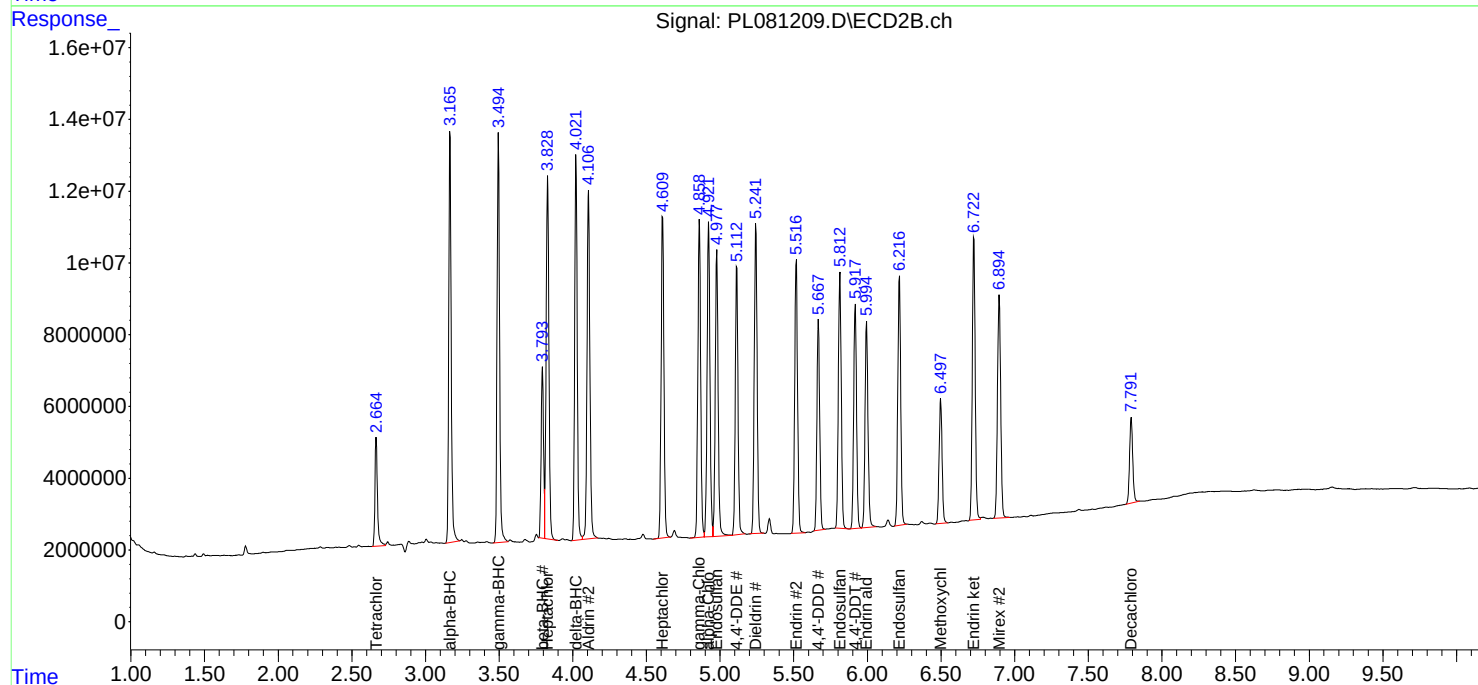
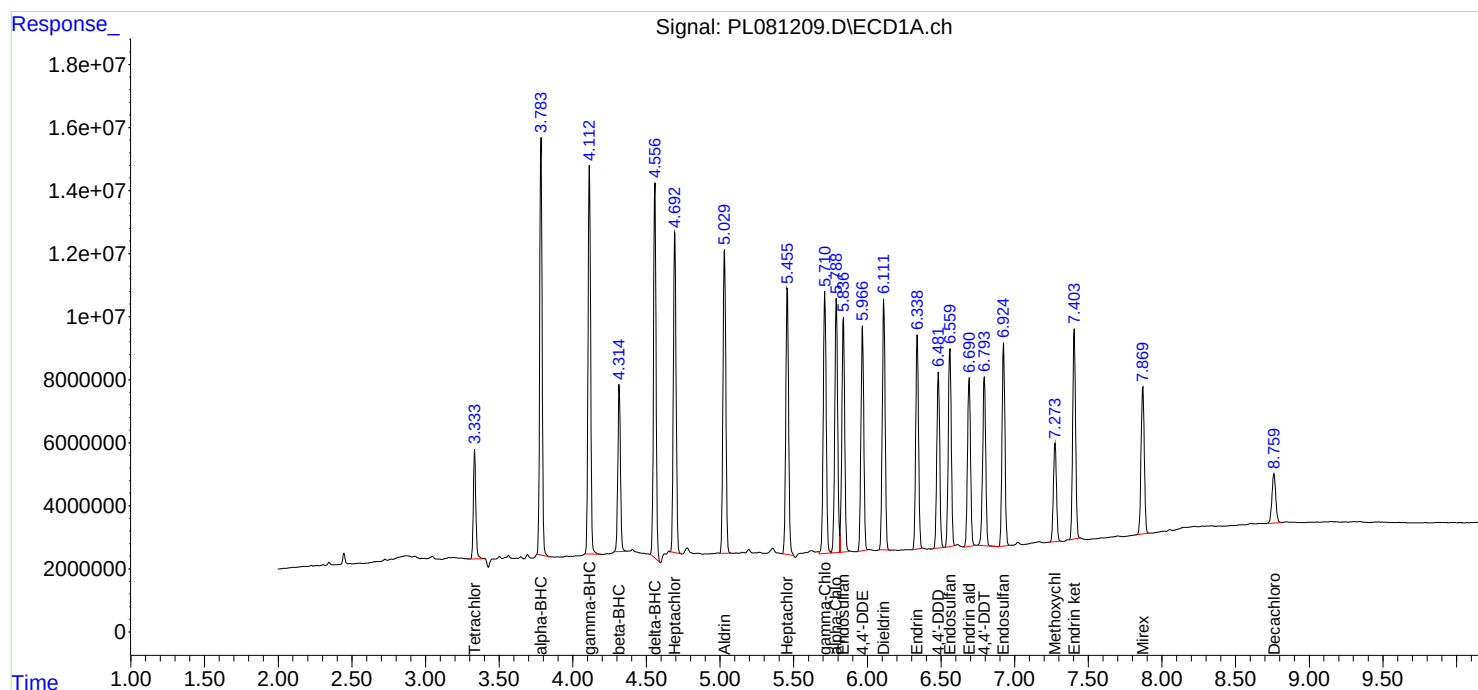
Instrument :
ECD_L
ClientSampleId :
CF-3MSD

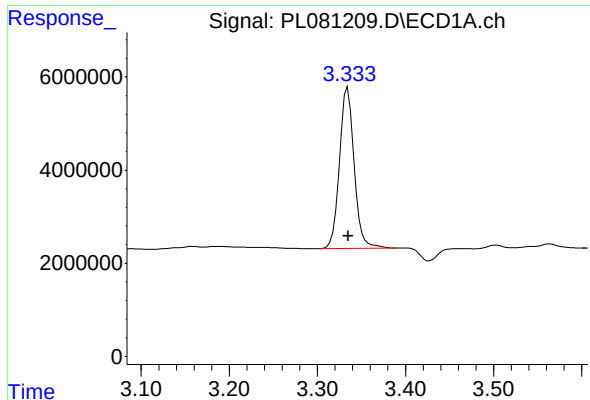
Manual Integrations
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Supervised By :Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 03 01:57:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





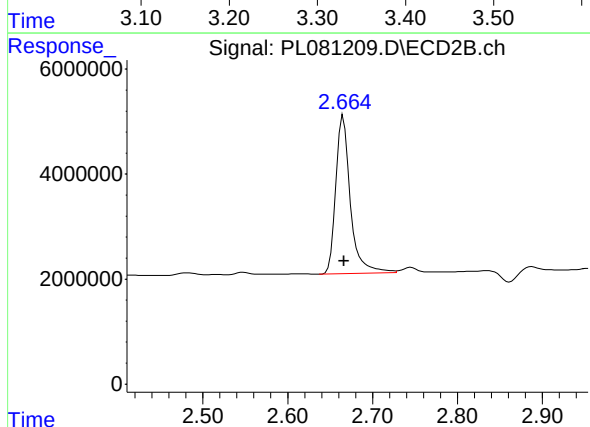
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 40034537
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

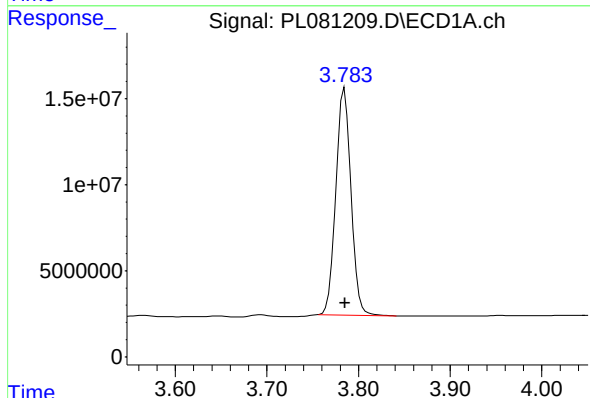
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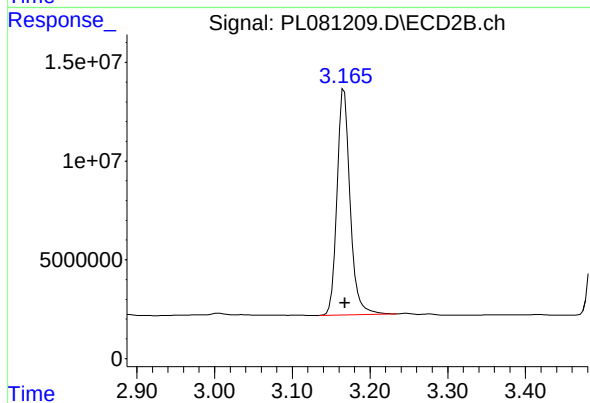
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: 0.000 min
Response: 35957425
Conc: 17.77 ng/ml



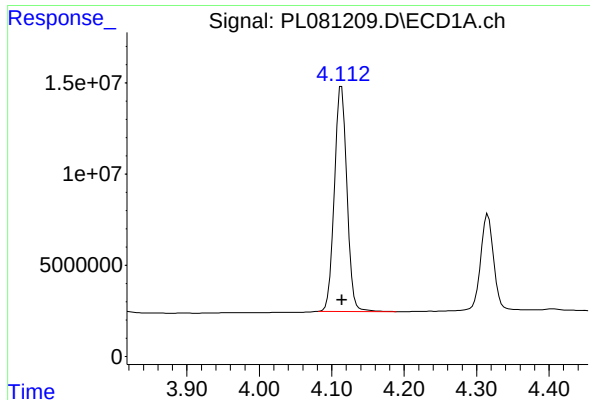
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 151580210
Conc: 47.65 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 134637152
Conc: 45.94 ng/ml



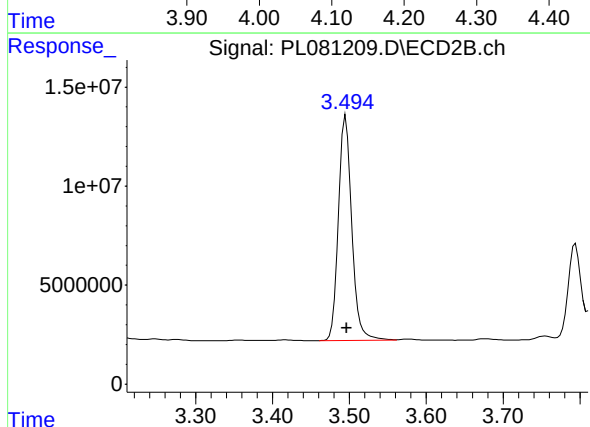
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 148138022
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

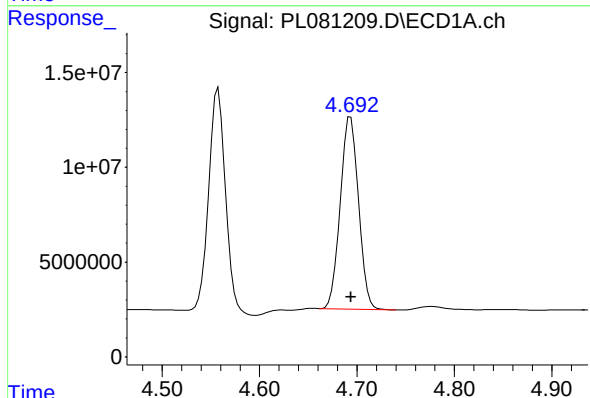
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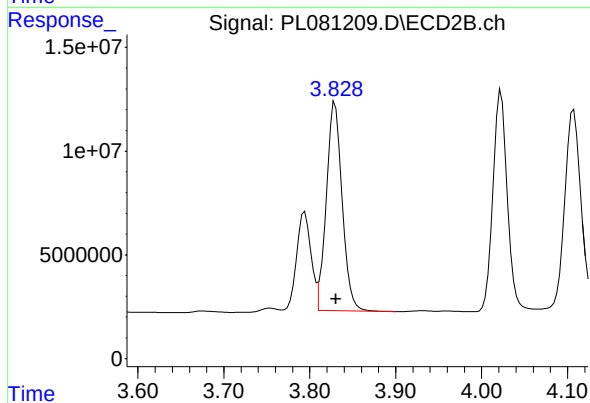
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.001 min
Response: 134624232
Conc: 48.94 ng/ml



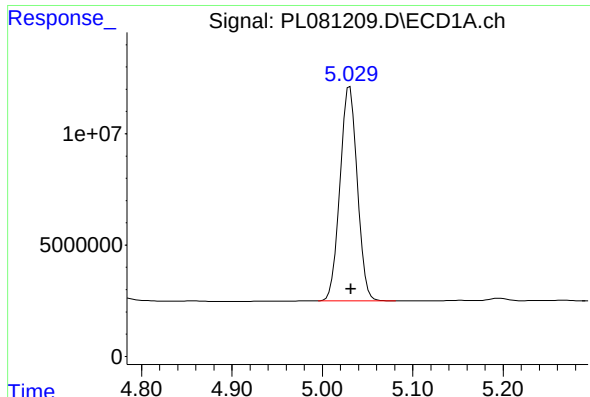
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 132167528
Conc: 47.90 ng/ml



#4 Heptachlor

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 129628033
Conc: 46.97 ng/ml



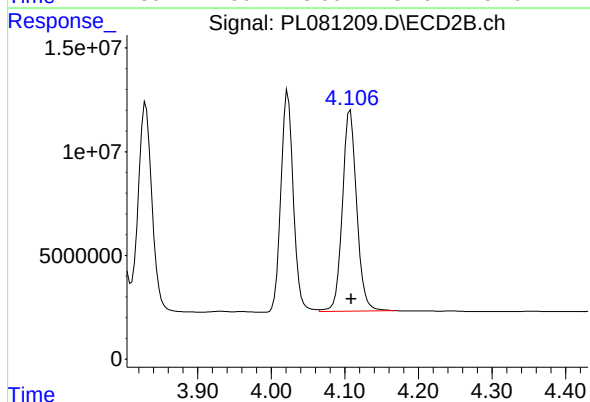
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.001 min
Response: 128125675
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

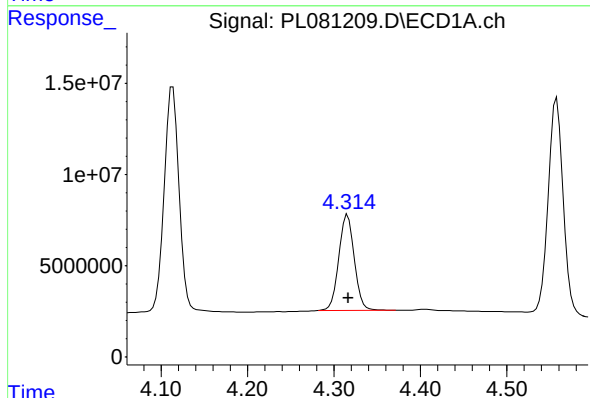
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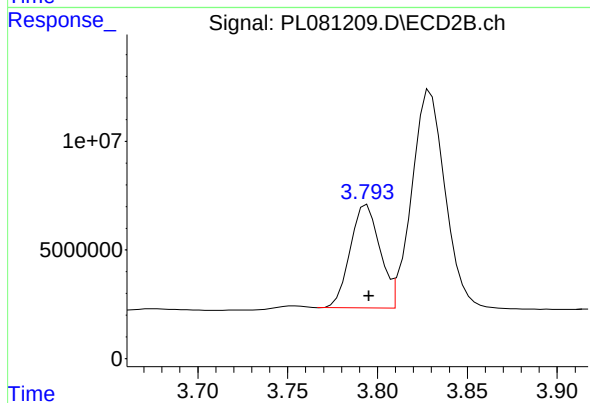
#5 Aldrin

R.T.: 4.107 min
Delta R.T.: -0.001 min
Response: 131371305
Conc: 50.11 ng/ml



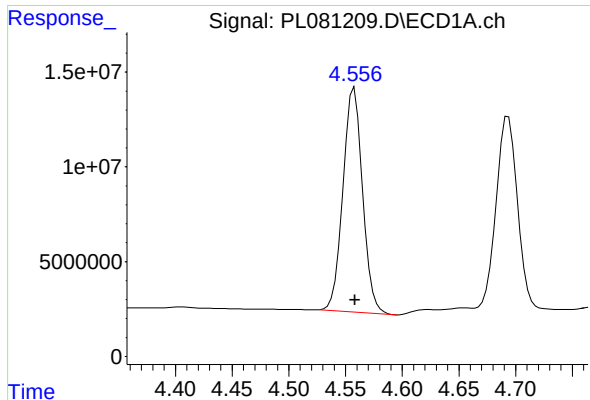
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 64354059
Conc: 46.75 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 54572899
Conc: 47.02 ng/ml



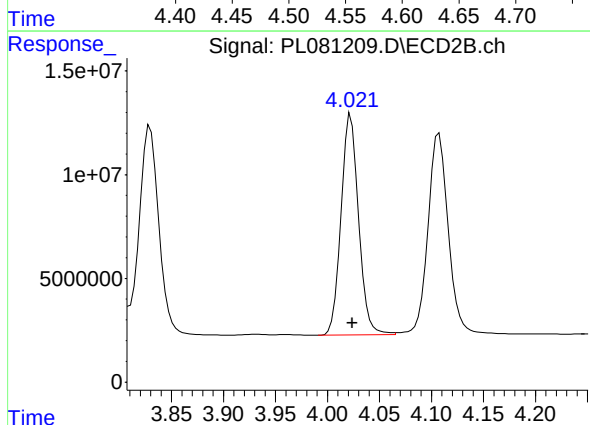
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 142077652
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

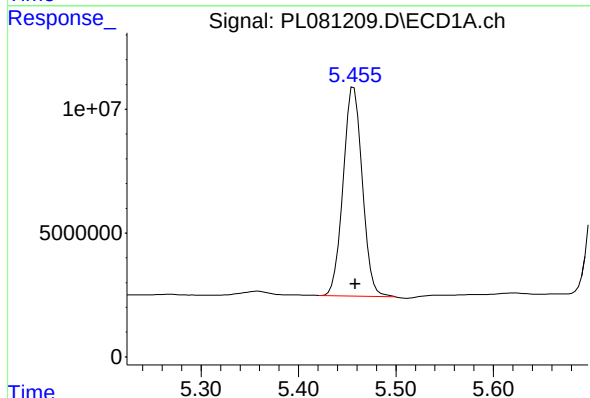
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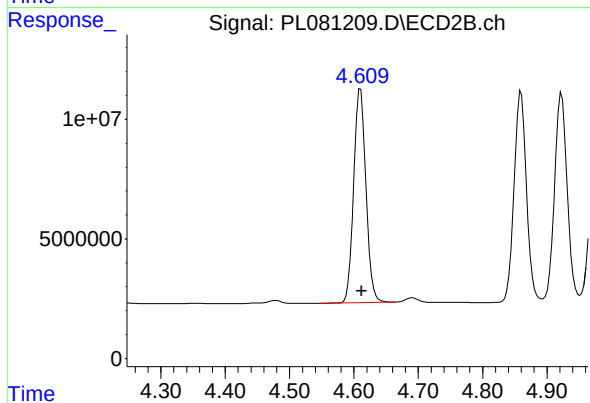
#7 delta-BHC

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 125130823
Conc: 49.14 ng/ml



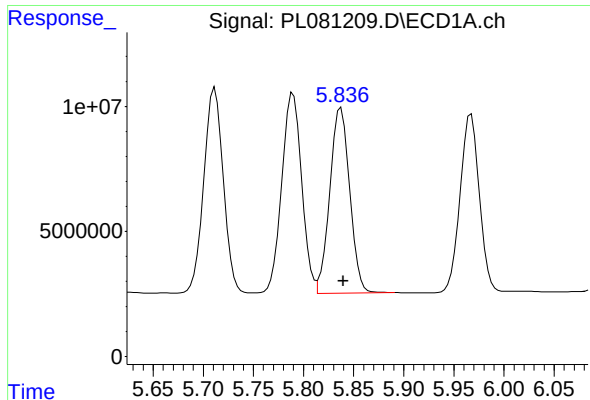
#8 Heptachlor epoxide

R.T.: 5.457 min
Delta R.T.: -0.001 min
Response: 115240123
Conc: 48.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.610 min
Delta R.T.: -0.002 min
Response: 118308332
Conc: 48.93 ng/ml



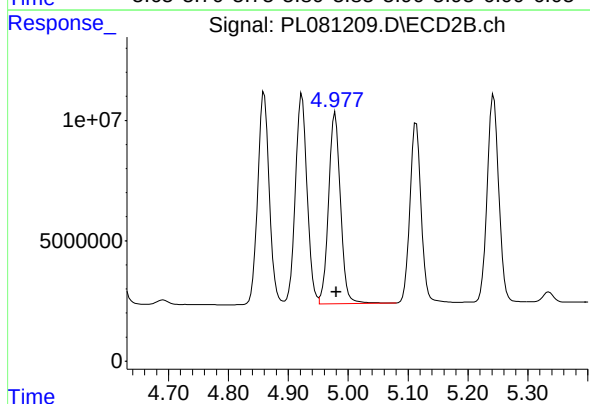
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: -0.002 min
Response: 102736771
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

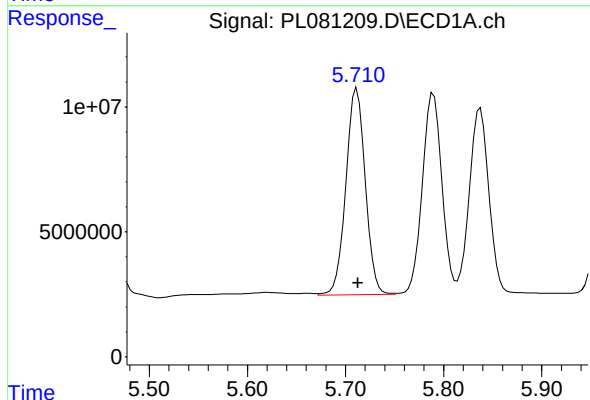
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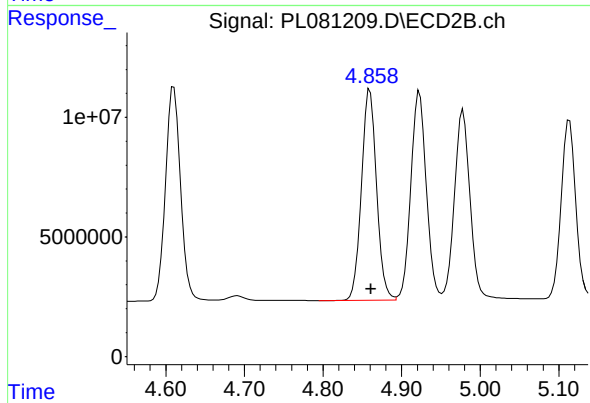
#9 Endosulfan I

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 109562091
Conc: 48.40 ng/ml



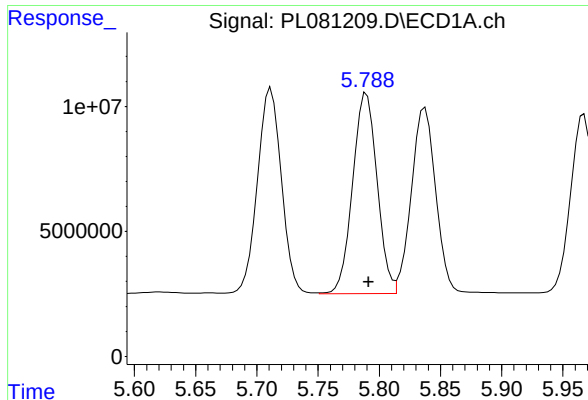
#10 gamma-Chlordane

R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 113518822
Conc: 49.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 118006977
Conc: 48.21 ng/ml



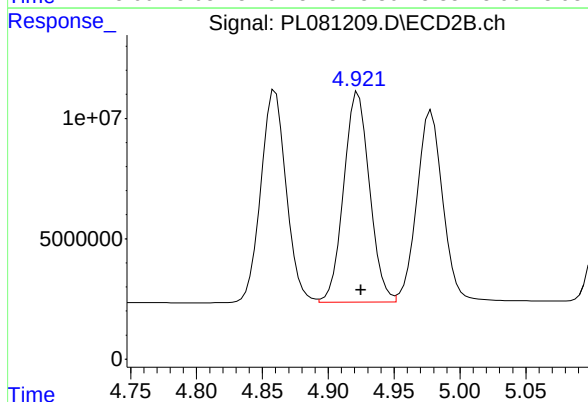
#11 alpha-Chlordane

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 111525733
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

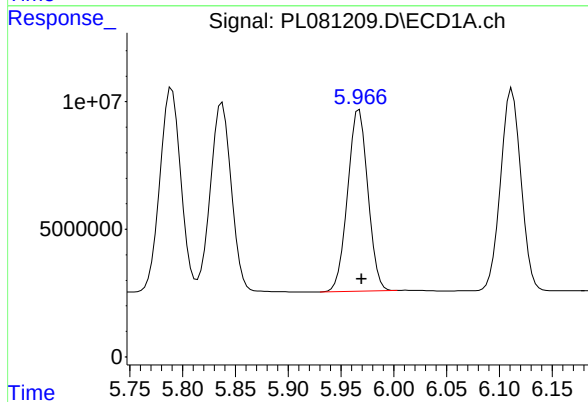
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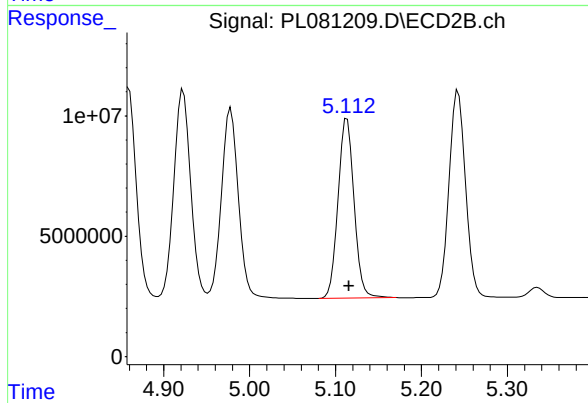
#11 alpha-Chlordane

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 119096326
Conc: 48.64 ng/ml



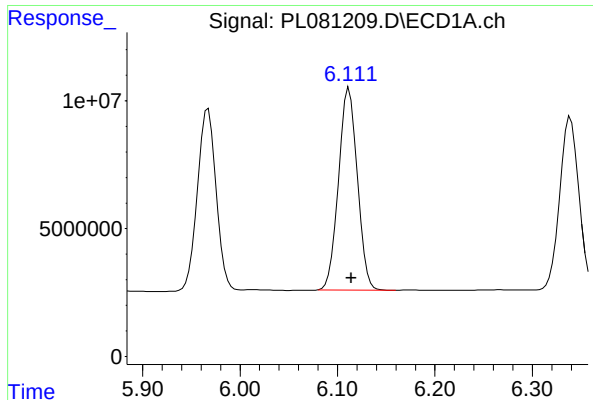
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: -0.002 min
Response: 94830778
Conc: 48.47 ng/ml



#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 96690938
Conc: 49.26 ng/ml



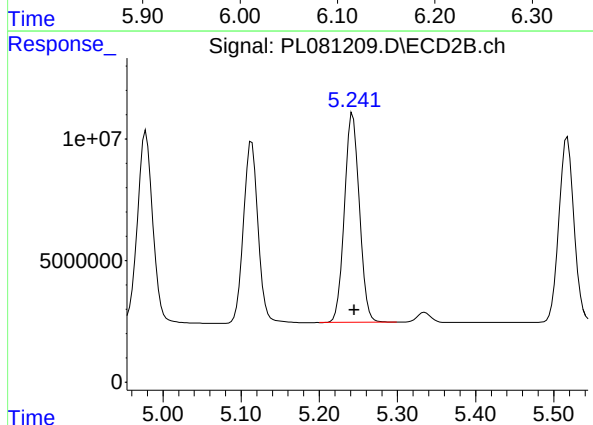
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 106184223
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

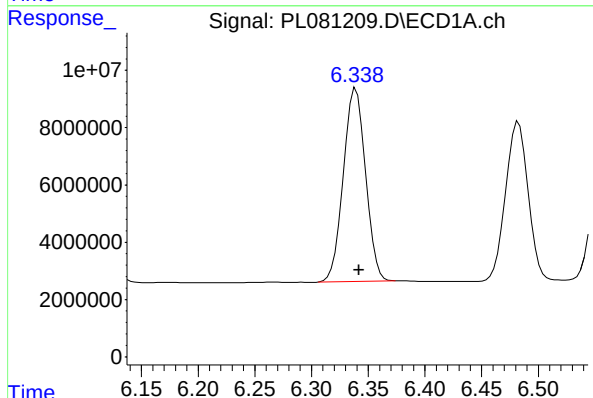
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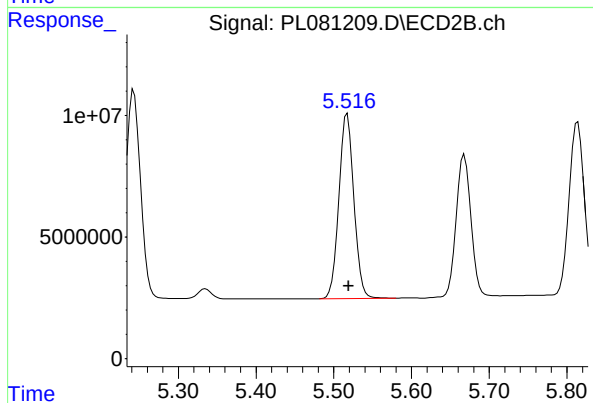
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: -0.002 min
Response: 114628216
Conc: 50.85 ng/ml



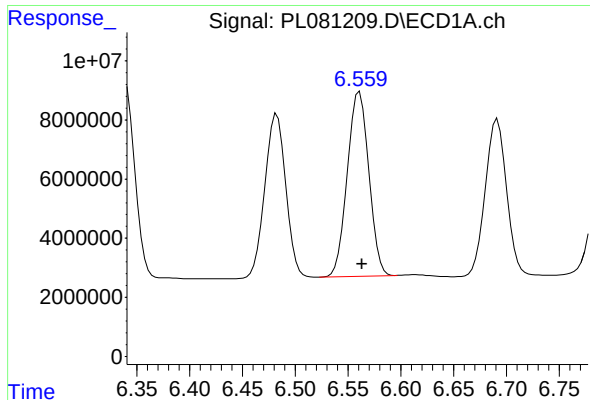
#14 Endrin

R.T.: 6.339 min
Delta R.T.: -0.003 min
Response: 91991534
Conc: 50.61 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 102316333
Conc: 50.91 ng/ml



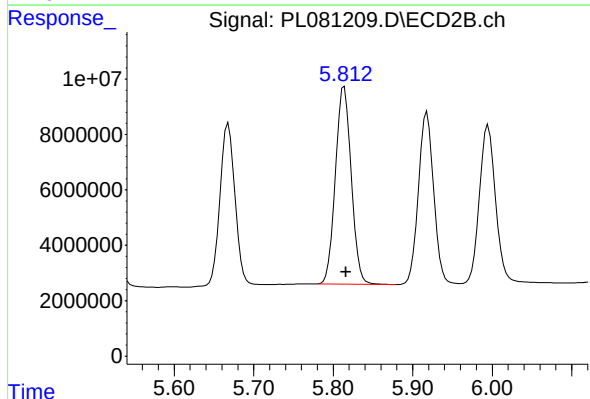
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: -0.002 min
Response: 88894097
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

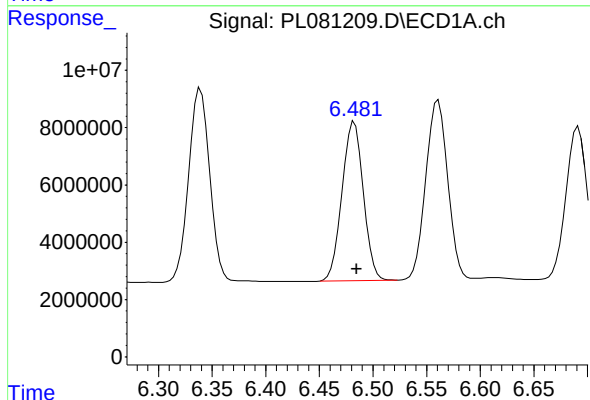
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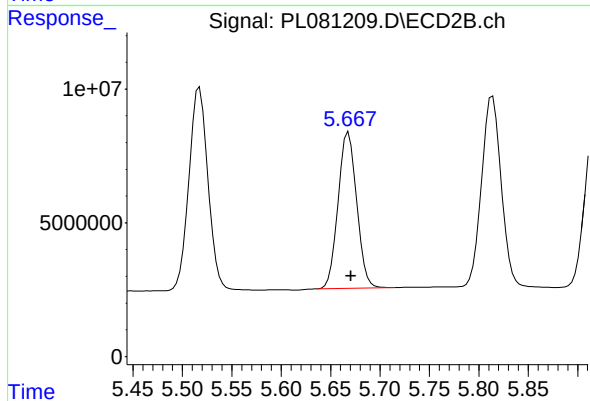
#15 Endosulfan II

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 98568214
Conc: 53.46 ng/ml



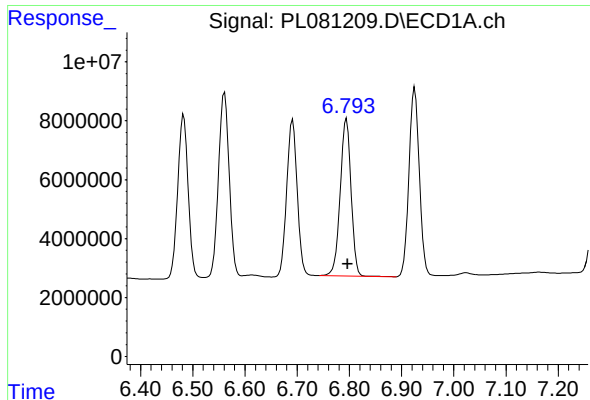
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 76727015
Conc: 49.84 ng/ml



#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.003 min
Response: 76214740
Conc: 49.68 ng/ml



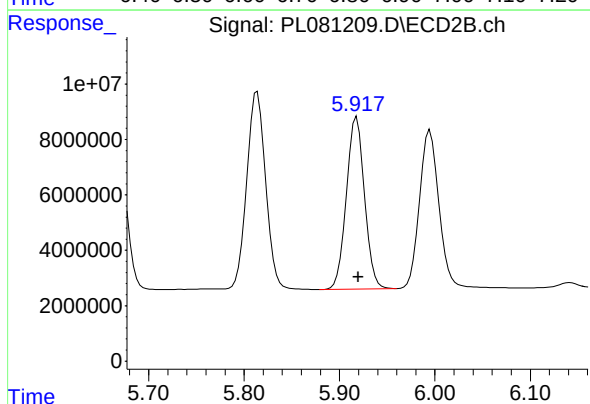
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 76022266
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

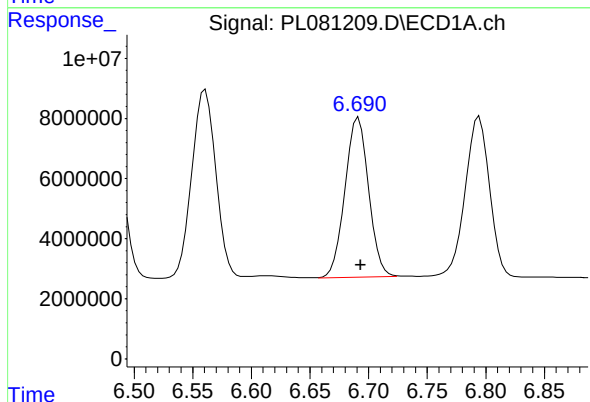
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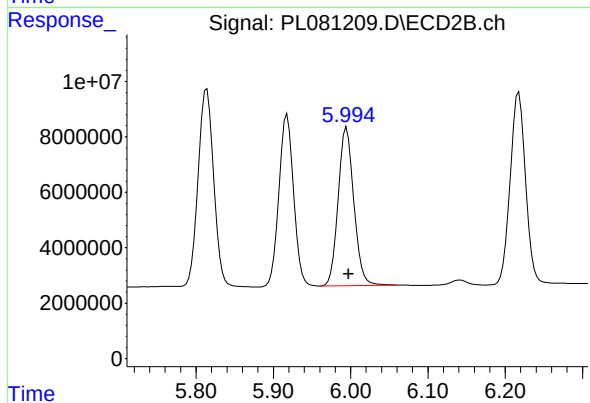
#17 4,4'-DDT

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 82552709
Conc: 51.46 ng/ml



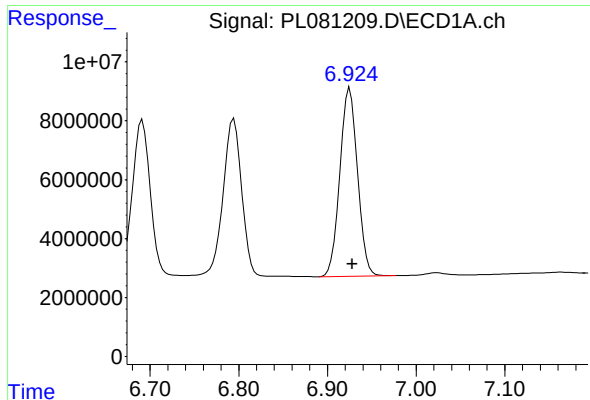
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 74702333
Conc: 52.19 ng/ml m



#18 Endrin aldehyde

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 80408329
Conc: 53.07 ng/ml



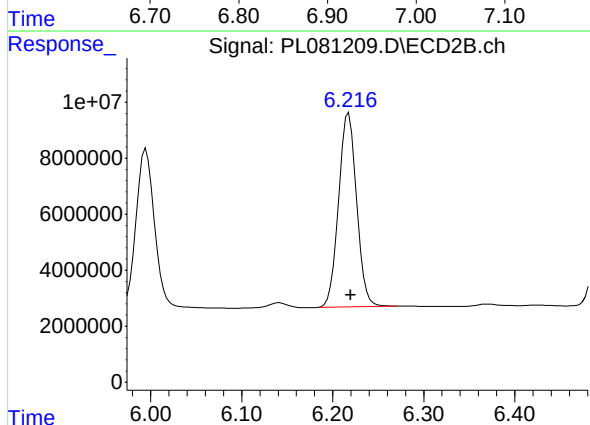
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 88475203
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

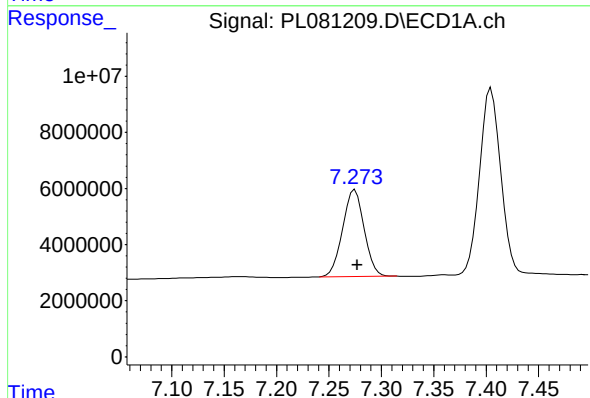
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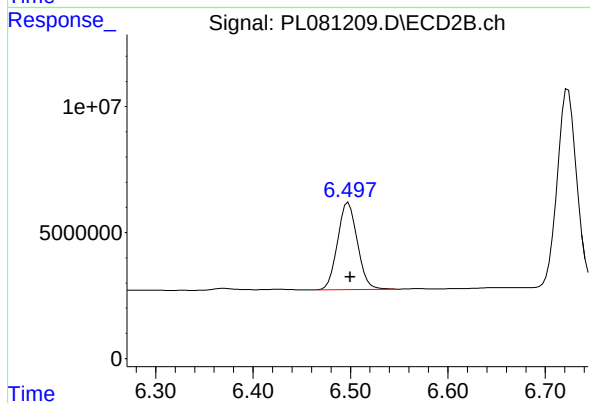
#19 Endosulfan Sulfate

R.T.: 6.218 min
Delta R.T.: -0.002 min
Response: 95382927
Conc: 49.63 ng/ml



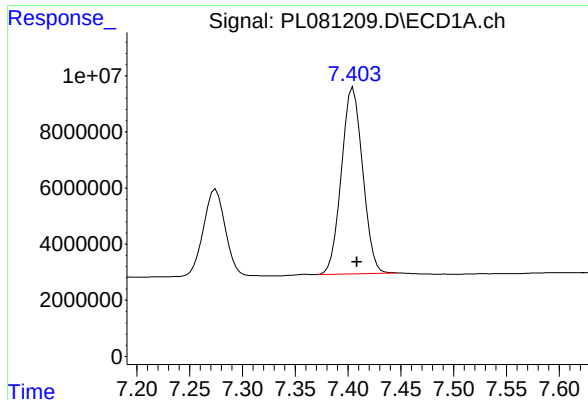
#20 Methoxychlor

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 44337088
Conc: 51.47 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 48645440
Conc: 52.41 ng/ml



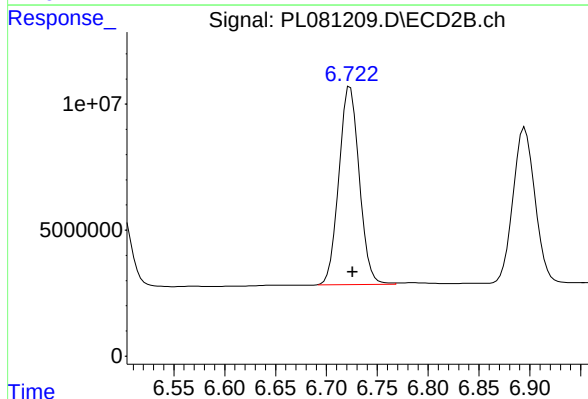
#21 Endrin ketone

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 93075091
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

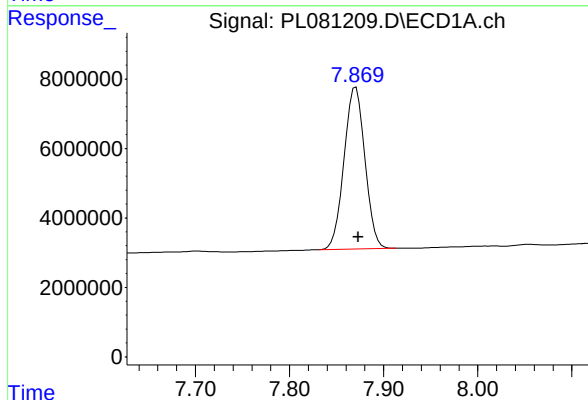
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Supervised By :Ankita Jodhani 03/03/2023



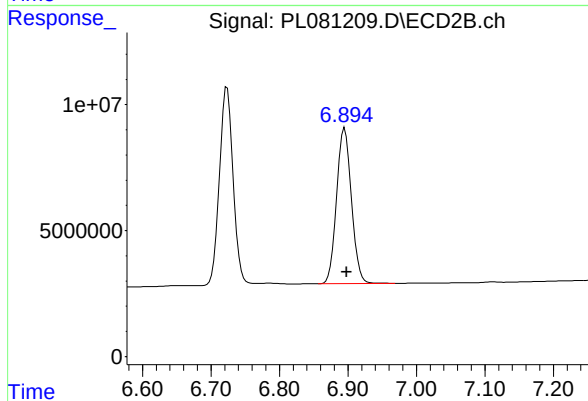
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 109424407
Conc: 50.82 ng/ml



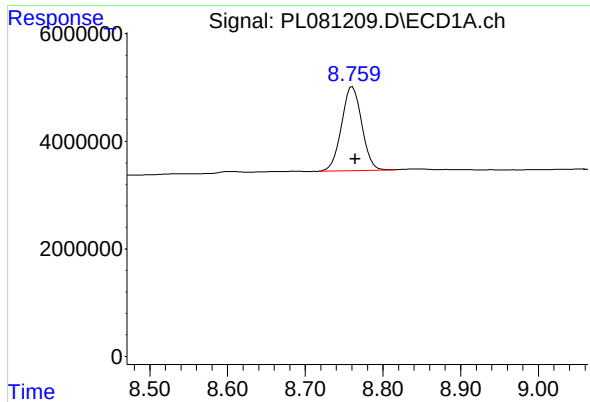
#22 Mirex

R.T.: 7.871 min
Delta R.T.: -0.003 min
Response: 71895333
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 6.895 min
Delta R.T.: -0.003 min
Response: 93116849
Conc: 48.38 ng/ml



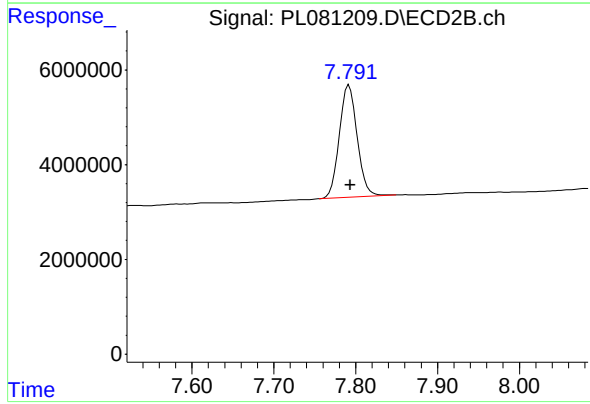
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.004 min
Response: 28323793
Conc: 18.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/03/2023
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#28 Decachlorobiphenyl

R.T.: 7.792 min
Delta R.T.: -0.002 min
Response: 36026491
Conc: 18.81 ng/ml