

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
 Data File : PL081028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 14:23
 Operator : AR\AJ
 Sample : PSTDCCC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

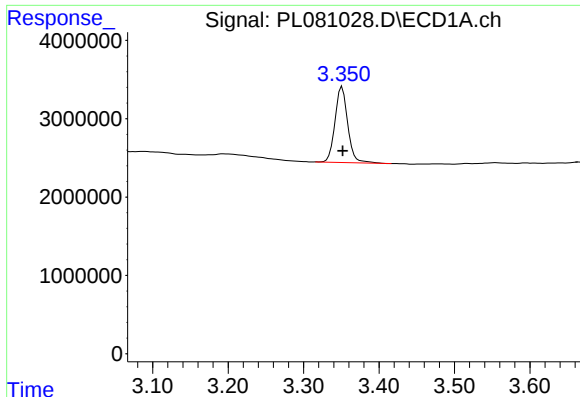
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 14:39:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 14:37:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.351	2.687	11385322	11001222	4.876	4.732
28) SA Decachlor...	8.791	7.833	10469516	12705034	5.390	5.509
Target Compounds						
2) A alpha-BHC	3.799	3.188	15213578	14315790	4.208	4.144
3) MA gamma-BHC...	4.128	3.516	14597132	13725313	4.340	4.260
4) MA Heptachlor	4.712	3.856	15688558	14460558	4.735	4.301
5) MB Aldrin	5.050	4.136	14138578	13776461	4.668	4.399
6) B beta-BHC	4.325	3.811	7979669	6336181	5.382	4.633m
7) B delta-BHC	4.566	4.042	14370962	12829859	4.386m	4.124
8) B Heptachlo...	5.474	4.638	13499074	13561232	4.818m	4.690
9) A Endosulfan I	5.857	5.007	12808227	12563754	4.930	4.664
10) B gamma-Chl...	5.730	4.889	13394683	13555030	4.771	4.609
11) B alpha-Chl...	5.809	4.953	13485967	13859489	4.842	4.708
12) B 4,4'-DDE	5.987	5.145	11260564	10369346	4.488	4.263
13) MA Dieldrin	6.131	5.272	12480124	12370673	4.667	4.414
14) MA Endrin	6.358	5.547	11185142	11170939	4.679	4.438
15) B Endosulfa...	6.578	5.840	11341553	10431890	5.144	4.536m
16) A 4,4'-DDD	6.502	5.698	9385773	8429076	4.584	4.350m
17) MA 4,4'-DDT	6.815	5.951	10780546	9458520	4.724	4.274
18) B Endrin al...	6.706	6.020	9327426	9133822	5.135m	4.931m
19) B Endosulfa...	6.941	6.244	11660132	11657017	5.061	4.899
20) A Methoxychlor	7.293	6.528	6376621	6015659	5.204	5.005
21) B Endrin ke...	7.421	6.749	11771370	12581349	4.907	4.760
22) Mirex	7.894	6.932	10199545	12585251	5.540	5.498

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



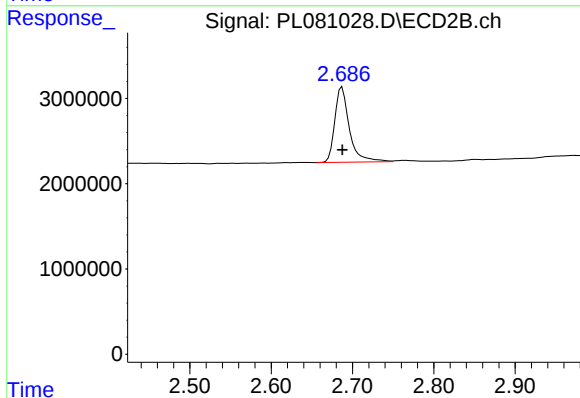
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 11385322
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

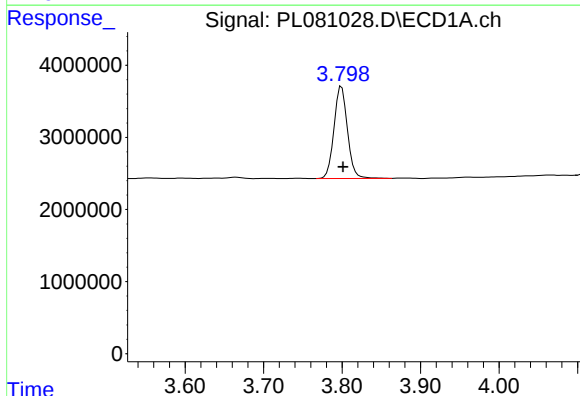
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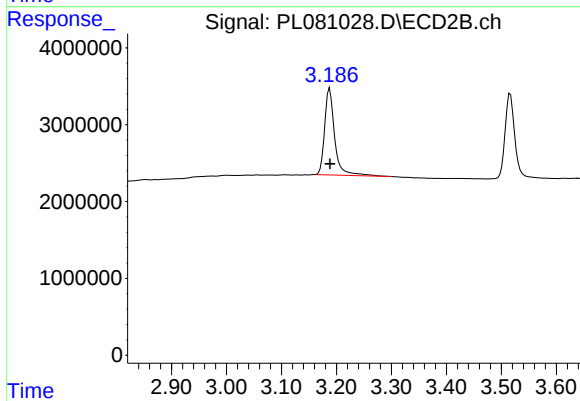
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 11001222
Conc: 4.73 ng/ml



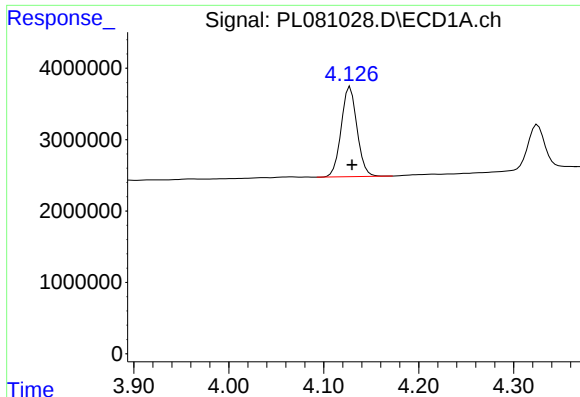
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 15213578
Conc: 4.21 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 14315790
Conc: 4.14 ng/ml



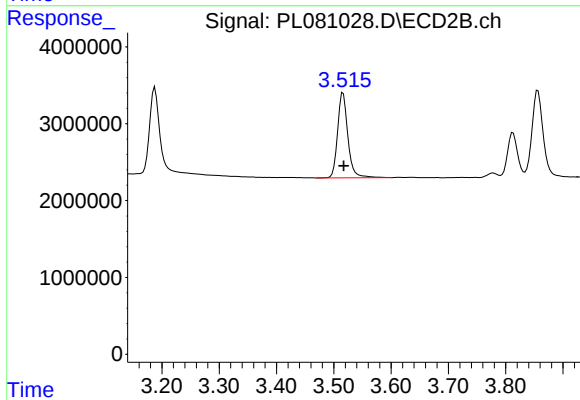
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 14597132
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

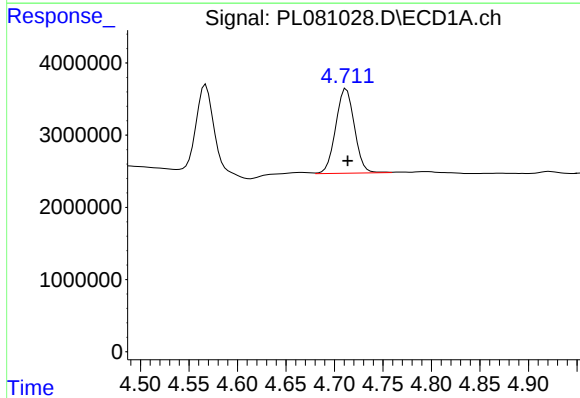
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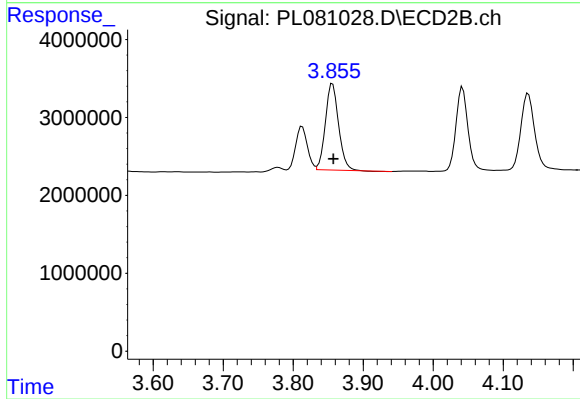
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: 0.000 min
Response: 13725313
Conc: 4.26 ng/ml



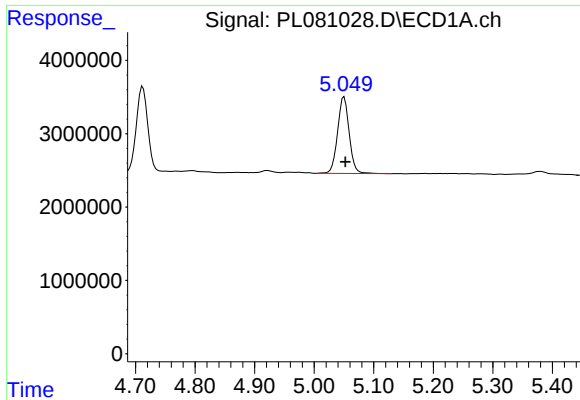
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 15688558
Conc: 4.73 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.001 min
Response: 14460558
Conc: 4.30 ng/ml



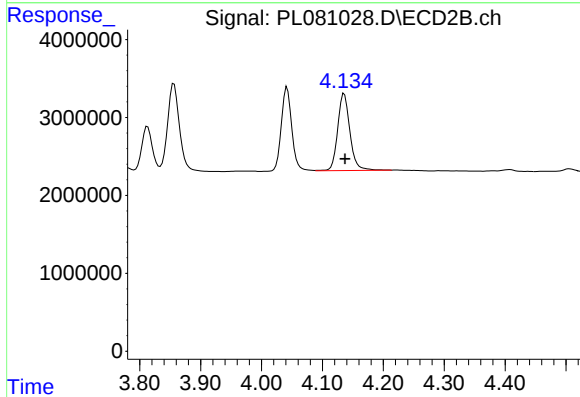
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 14138578
Conc: 4.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
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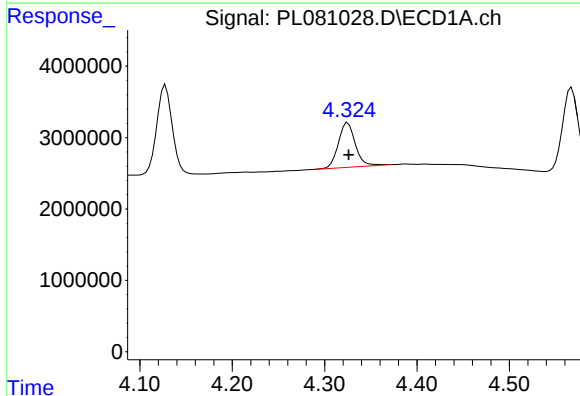
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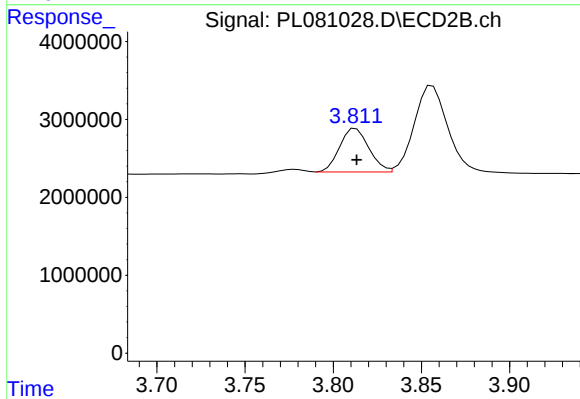
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 13776461
Conc: 4.40 ng/ml



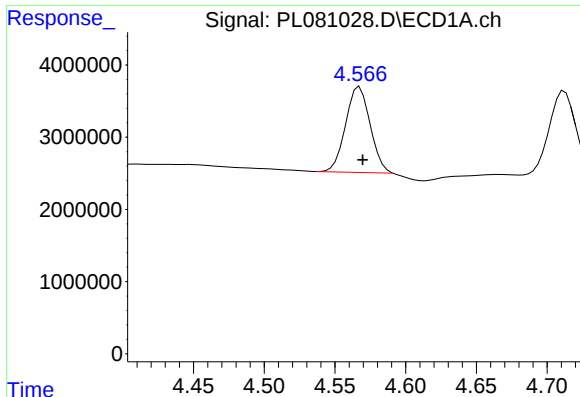
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 7979669
Conc: 5.38 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 6336181
Conc: 4.63 ng/ml m



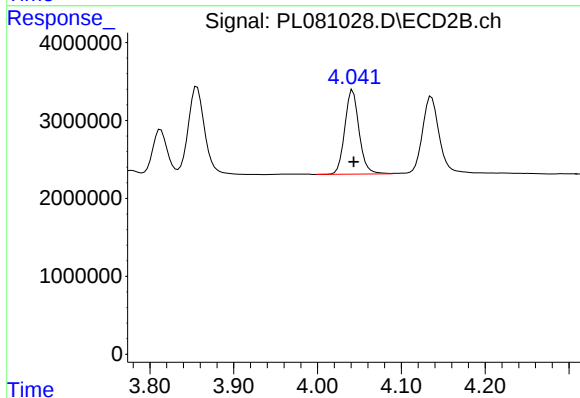
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 14370962
Conc: 4.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

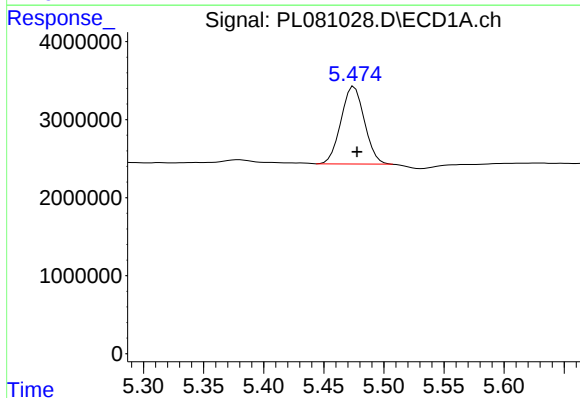
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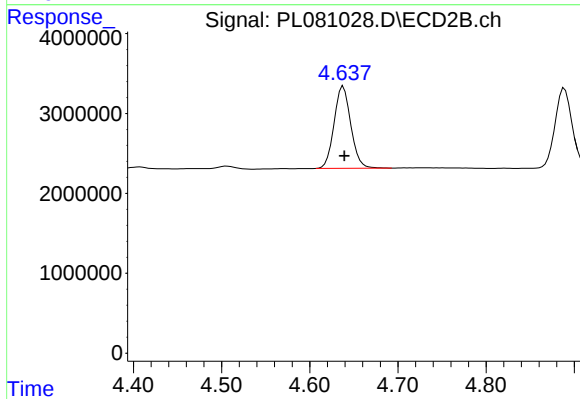
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 12829859
Conc: 4.12 ng/ml



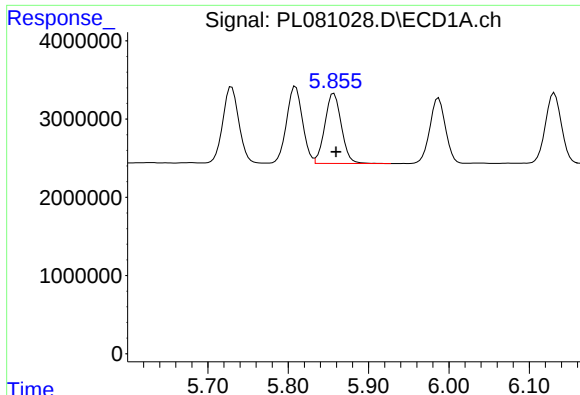
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 13499074
Conc: 4.82 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 13561232
Conc: 4.69 ng/ml



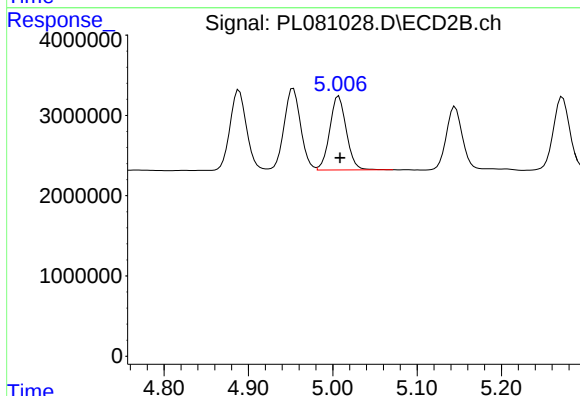
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.003 min
Response: 12808227
Conc: 4.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

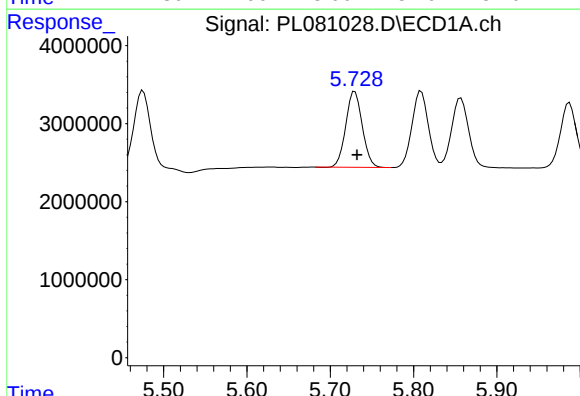
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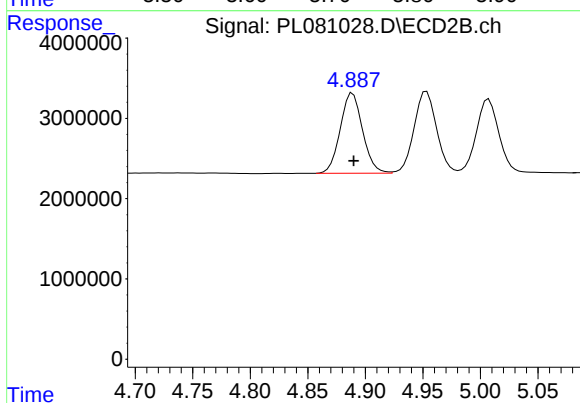
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 12563754
Conc: 4.66 ng/ml



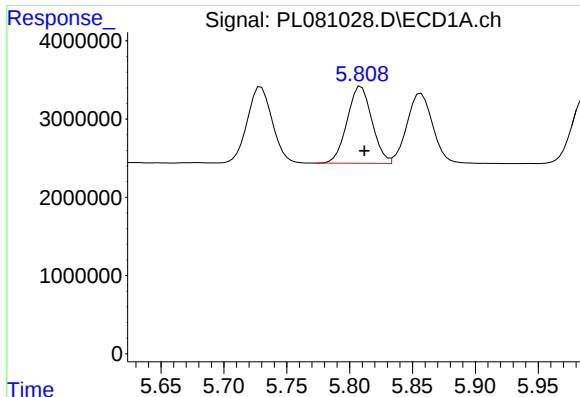
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.003 min
Response: 13394683
Conc: 4.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.001 min
Response: 13555030
Conc: 4.61 ng/ml



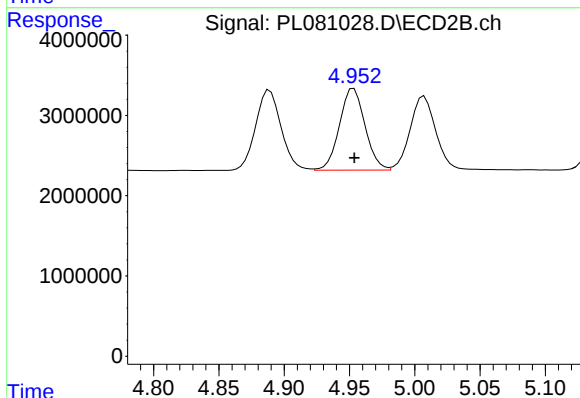
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 13485967
Conc: 4.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

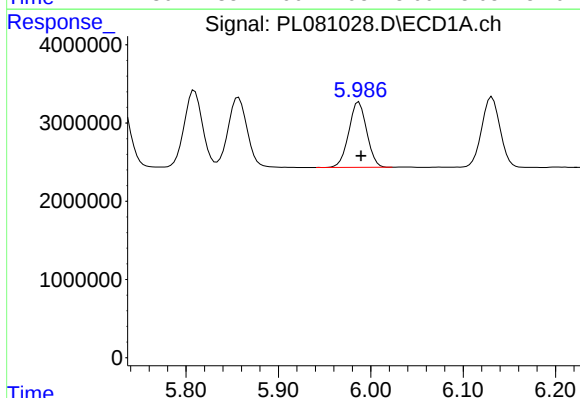
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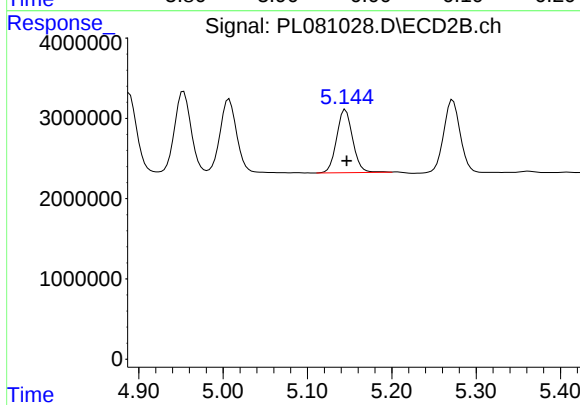
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 13859489
Conc: 4.71 ng/ml



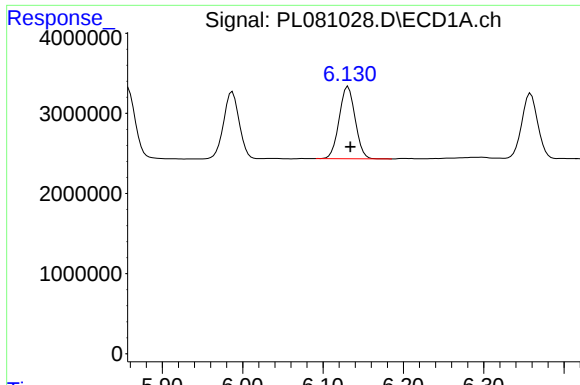
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 11260564
Conc: 4.49 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 10369346
Conc: 4.26 ng/ml



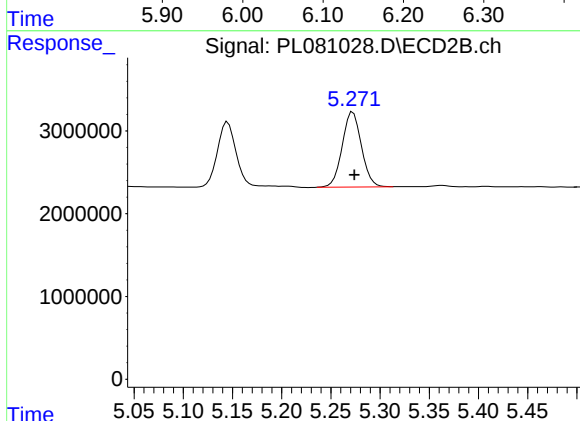
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 12480124
Conc: 4.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

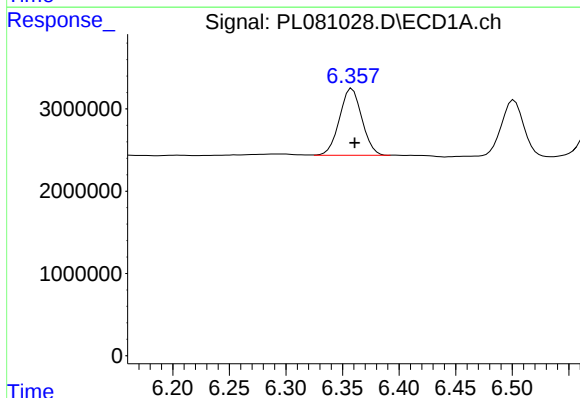
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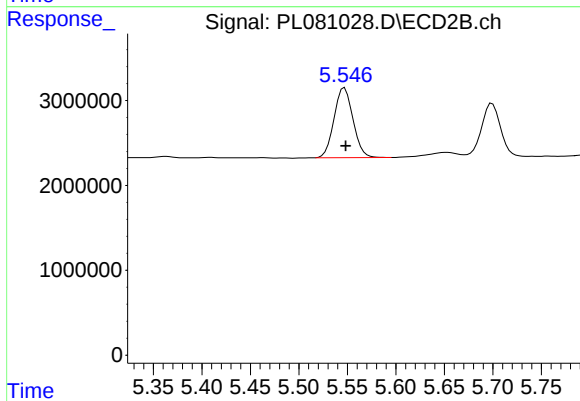
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 12370673
Conc: 4.41 ng/ml



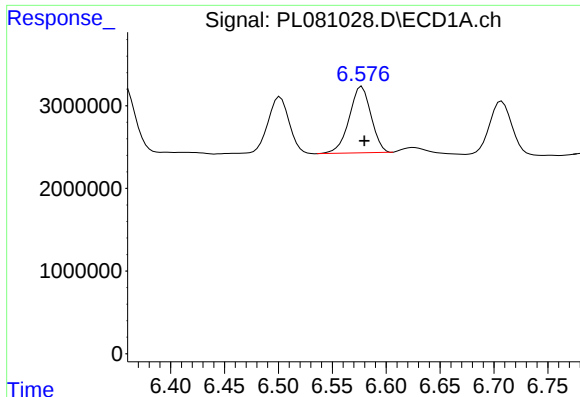
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 11185142
Conc: 4.68 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 11170939
Conc: 4.44 ng/ml



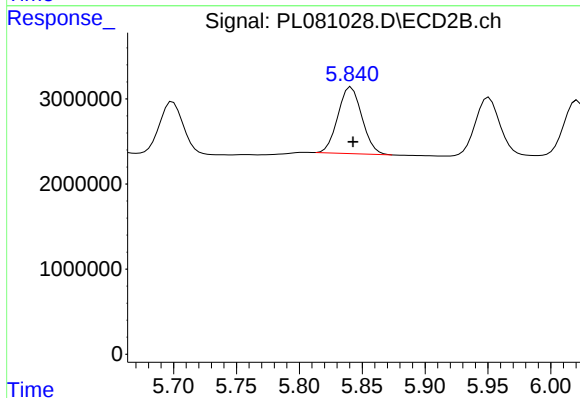
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 11341553
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

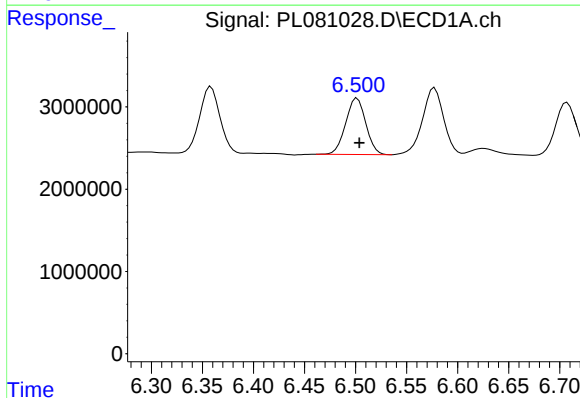
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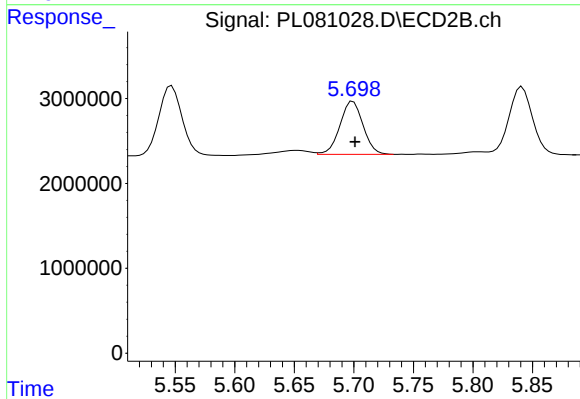
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.003 min
Response: 10431890
Conc: 4.54 ng/ml m



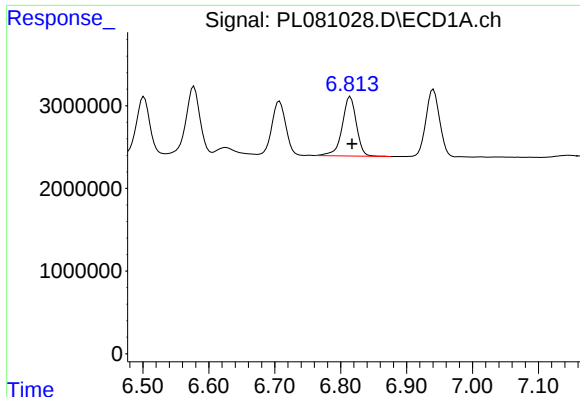
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 9385773
Conc: 4.58 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 8429076
Conc: 4.35 ng/ml m



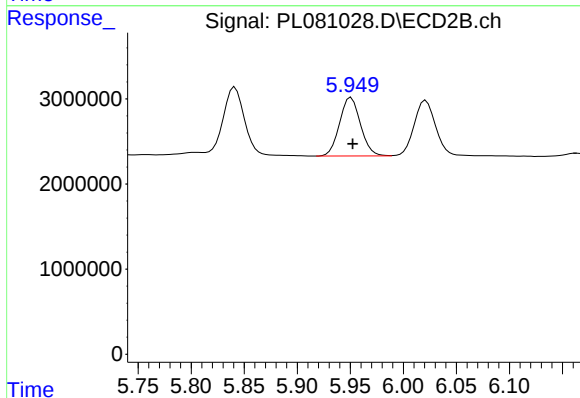
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.003 min
Response: 10780546
Conc: 4.72 ng/ml

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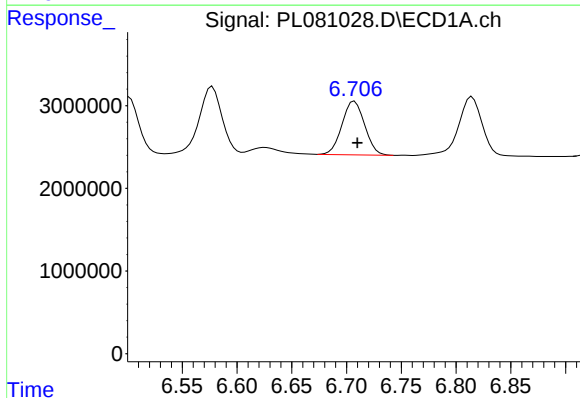
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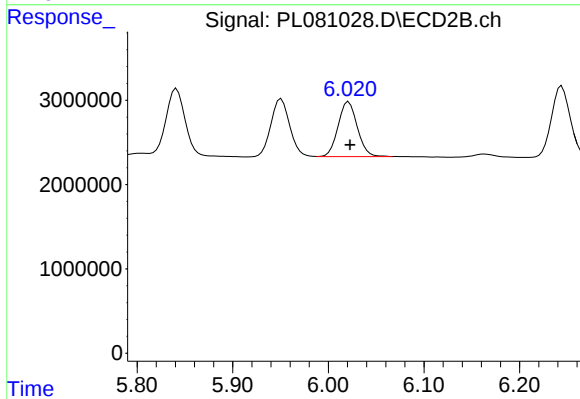
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 9458520
Conc: 4.27 ng/ml



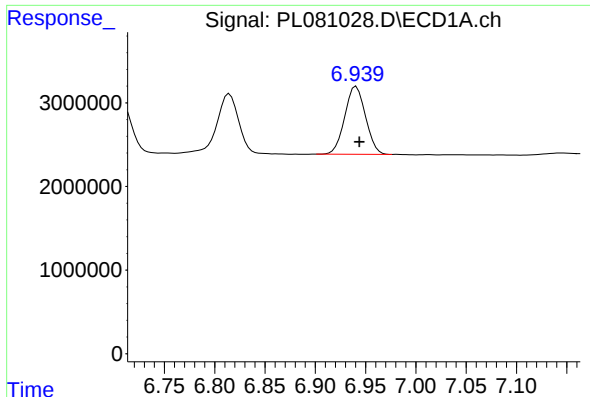
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 9327426
Conc: 5.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 9133822
Conc: 4.93 ng/ml m



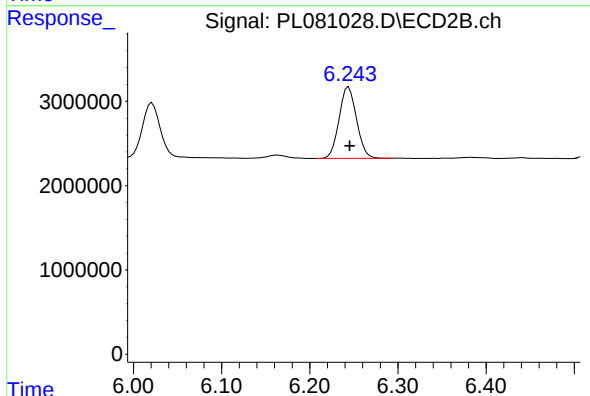
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.003 min
Response: 11660132
Conc: 5.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

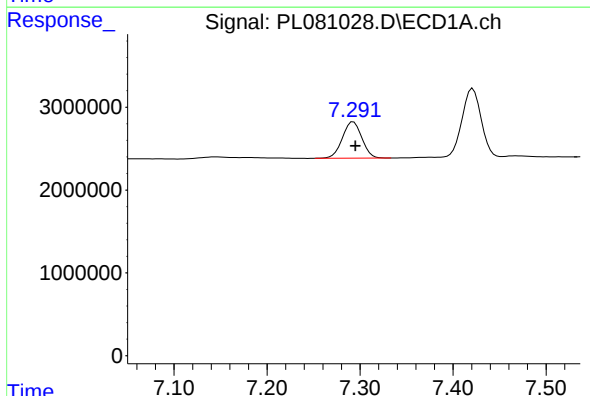
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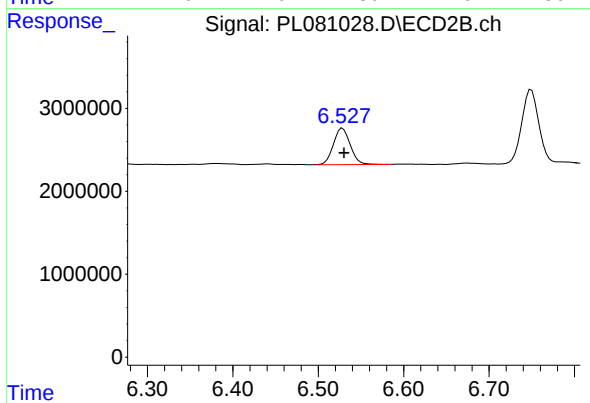
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 11657017
Conc: 4.90 ng/ml



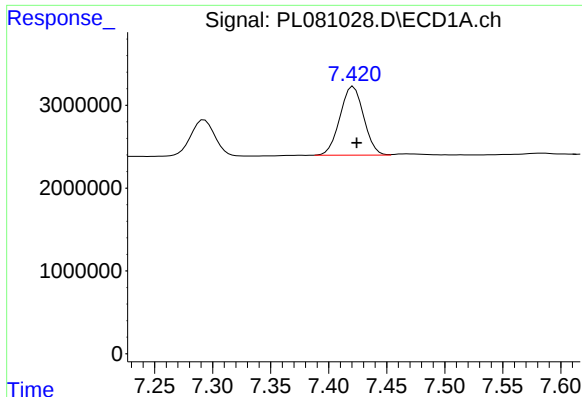
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 6376621
Conc: 5.20 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 6015659
Conc: 5.01 ng/ml



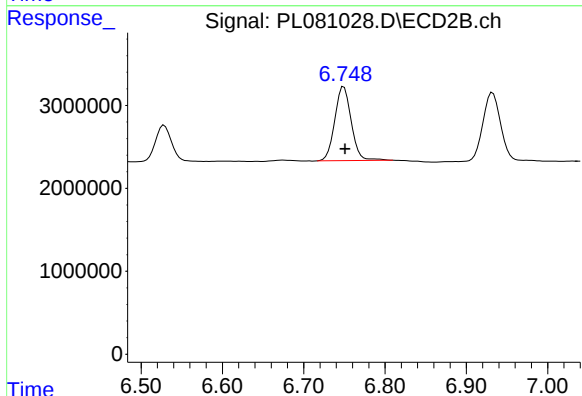
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 11771370
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

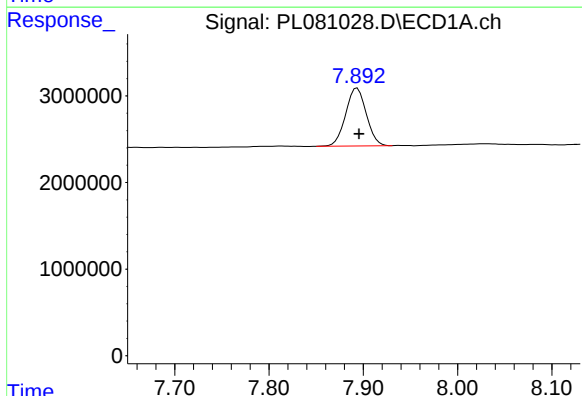
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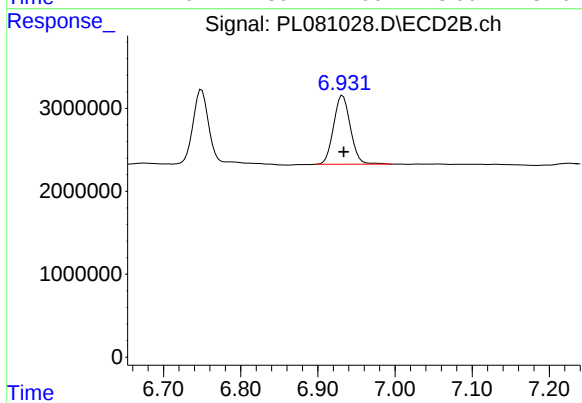
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 12581349
Conc: 4.76 ng/ml



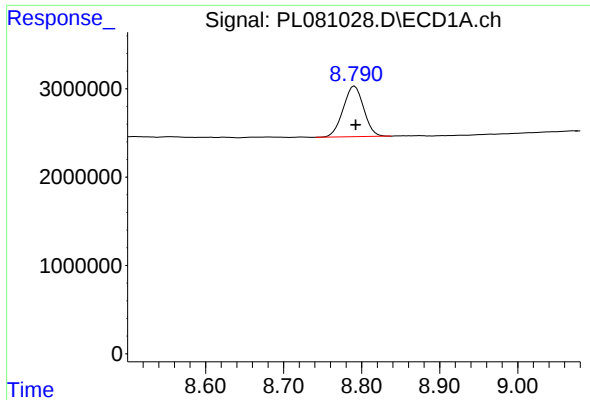
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 10199545
Conc: 5.54 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 12585251
Conc: 5.50 ng/ml



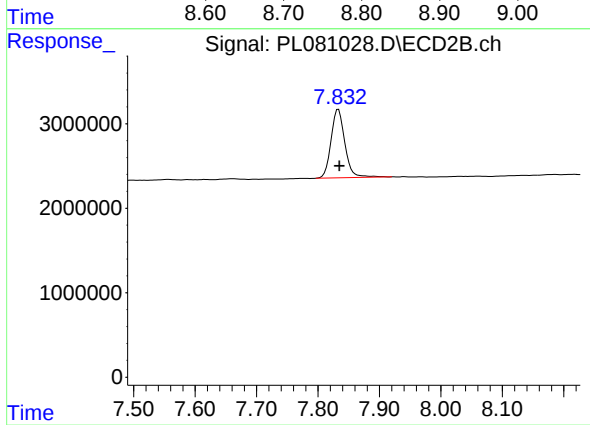
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.001 min
Response: 10469516
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC005

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.002 min
Response: 12705034
Conc: 5.51 ng/ml