

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
 Data File : PL076770.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2022 15:48
 Operator : AR\AJ
 Sample : N3893-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RVE-16MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
 Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:52:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.422	2.642	16048684	42852307	15.551	14.447
2) SA Decachlor...	8.914	7.748	13025894	38742689	14.769m	15.094m
Target Compounds						
2) A alpha-BHC	3.886	3.136	73746403	181.2E6	51.136	43.397
3) MA gamma-BHC...	4.222	3.461	69914646	164.9E6	51.781	43.265
4) MA Heptachlor	4.799	3.795	64422368	167.1E6	48.004	44.264
5) MB Aldrin	5.139	4.070	57582486	151.8E6	47.941	43.165
6) B beta-BHC	4.433	3.759	29965585	72278253	50.216	42.626
7) B delta-BHC	4.678	3.983	45806490	168.0E6	41.325	44.060
8) B Heptachlo...	5.572	4.569	52198581	134.6E6	46.812	42.433
9) A Endosulfan I	5.958	4.935	47873915	99599185	46.341	34.419m#
10) B gamma-Chl...	5.827	4.819	56679803	141.4E6	51.120	44.190
11) B alpha-Chl...	5.904	4.881	53531684	130.6E6	48.386	41.856
12) B 4,4'-DDE	6.081	5.076	54262920	168.9E6	55.284m	56.815
13) MA Dieldrin	6.236	5.199	44463174	130.0E6	42.247	41.883
14) MA Endrin	6.467	5.471	41926607	118.6E6	43.647	47.225
15) B Endosulfa...	6.694	5.766	41999184	106.5E6	46.795	44.431
16) A 4,4'-DDD	6.607	5.628	129.6E6	351.9E6	155.424	148.529
17) MA 4,4'-DDT	6.919	5.877	55944585	134.7E6	61.563	56.075
18) B Endrin al...	6.825	5.946	34010217	75188146	46.651	39.908
19) B Endosulfa...	7.058	6.168	45559032	127.8E6	50.661	51.968
20) A Methoxychlor	7.399	6.455	23545241	66856412	46.530	51.117
21) B Endrin ke...	7.547	6.667	44503988	98792491	43.520	36.399m
22) Mirex	8.008	6.846	42244156	81035821	54.614	40.408m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073022\
Data File : PL076770.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2022 15:48
Operator : AR\AJ
Sample : N3893-16MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

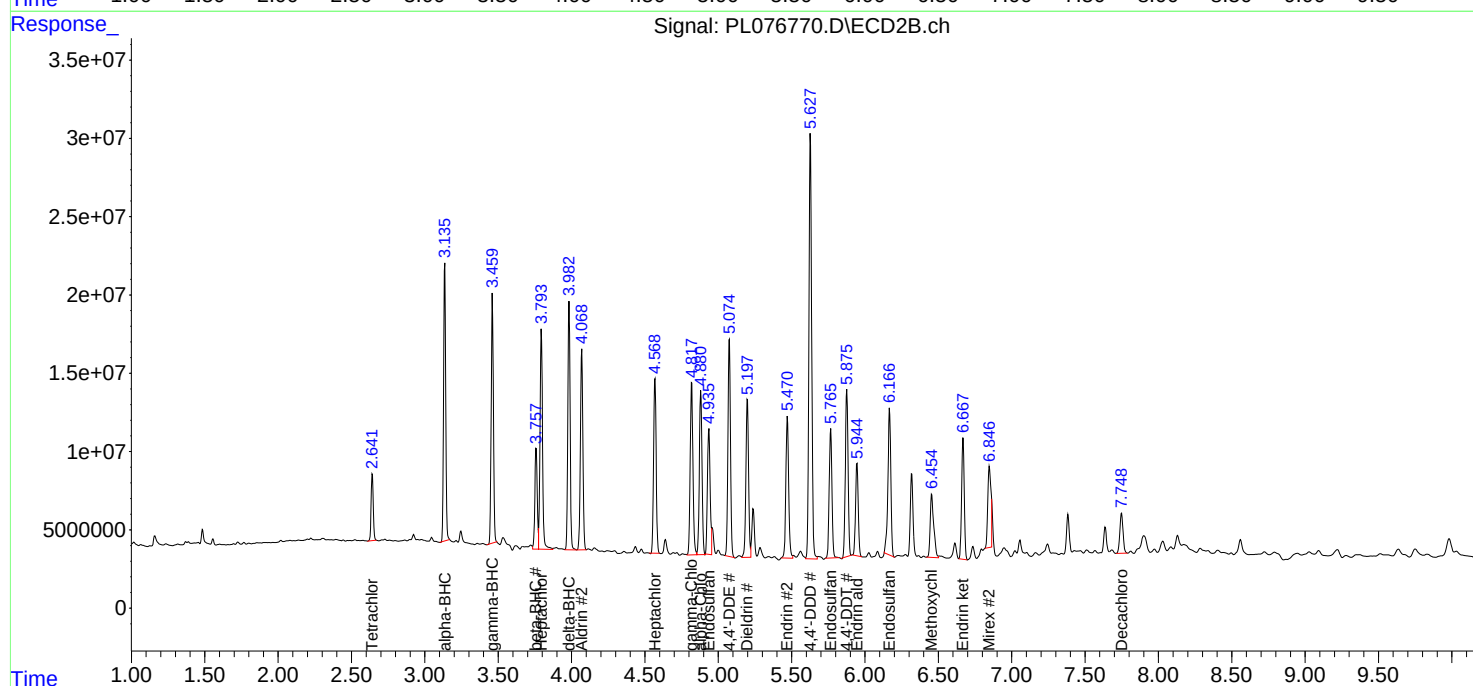
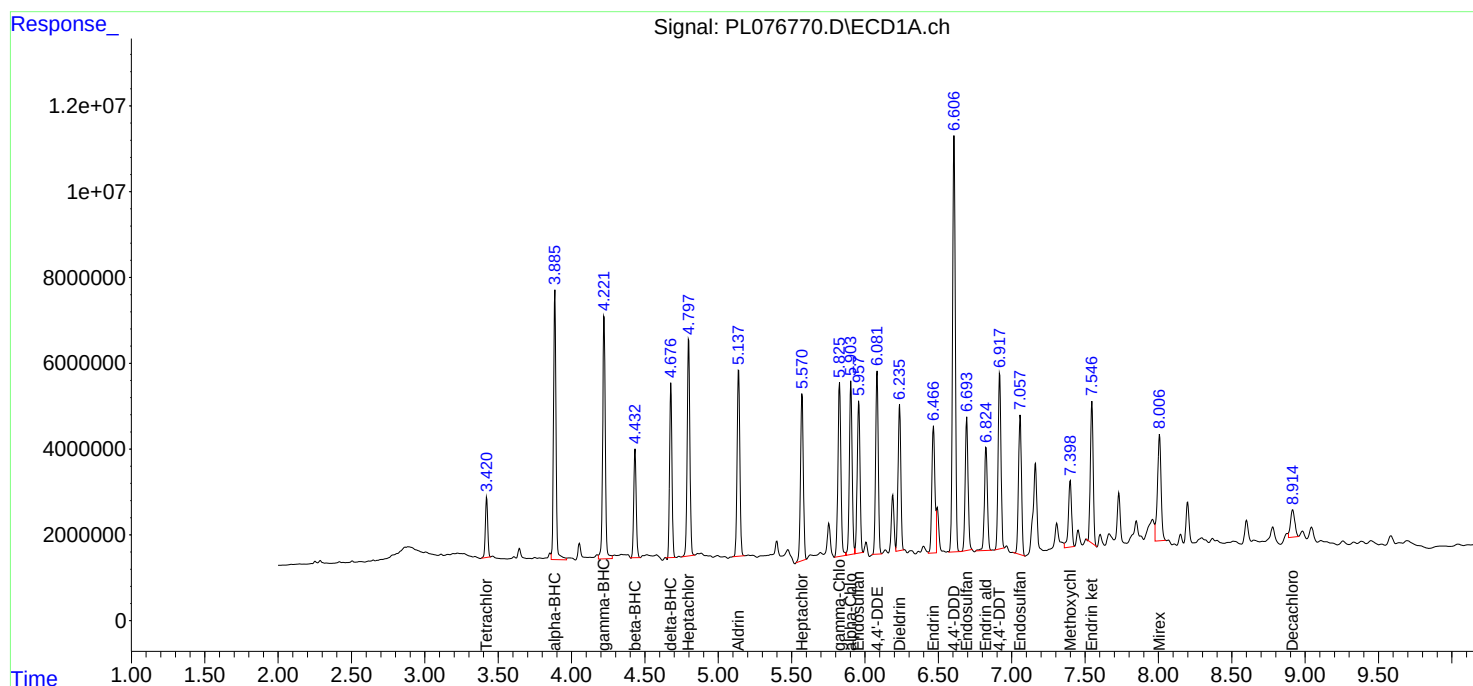
Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

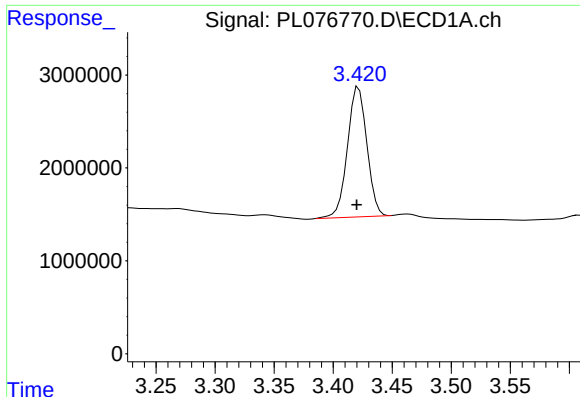
Manual Integrations
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Supervised By :mohammad ahmed 08/01/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:52:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 05:22:48 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





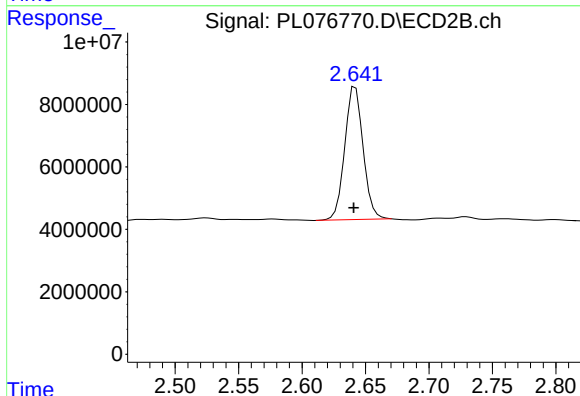
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 16048684
Conc: 15.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

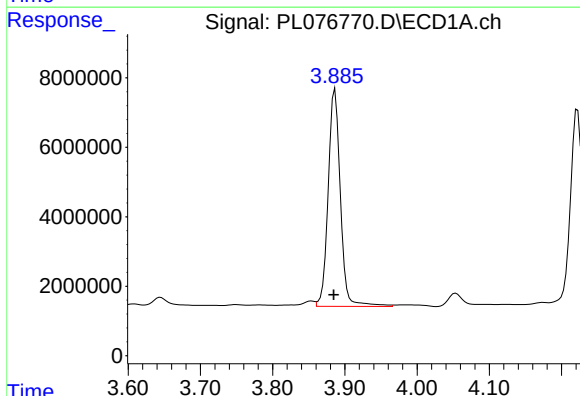
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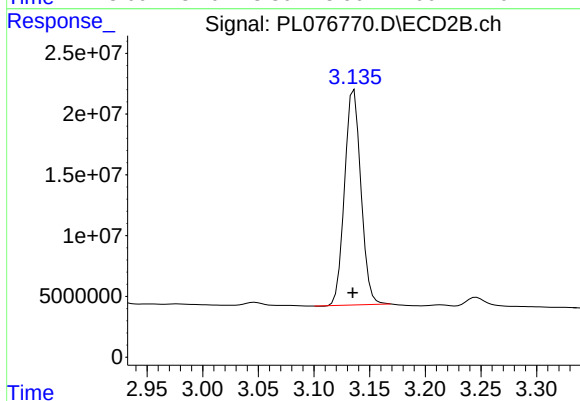
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: 0.001 min
Response: 42852307
Conc: 14.45 ng/ml



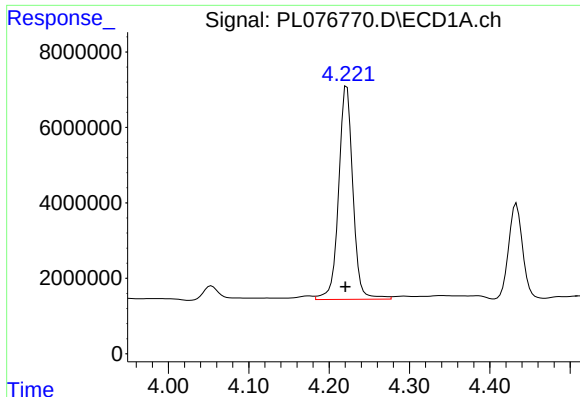
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 73746403
Conc: 51.14 ng/ml



#2 alpha-BHC

R.T.: 3.136 min
Delta R.T.: 0.001 min
Response: 181186636
Conc: 43.40 ng/ml



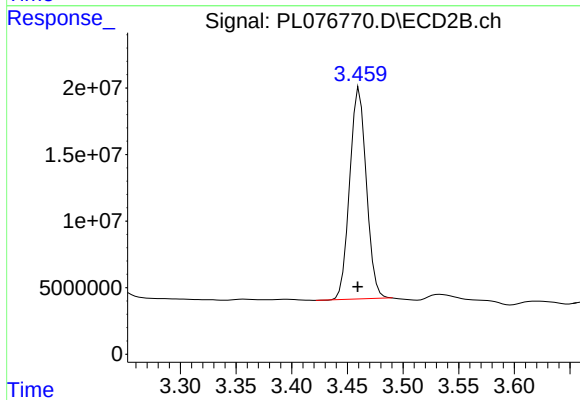
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 69914646
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

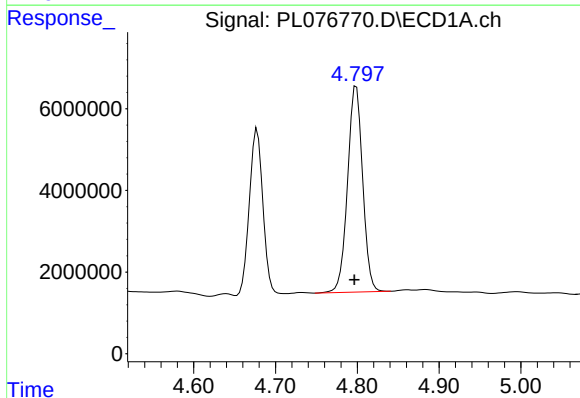
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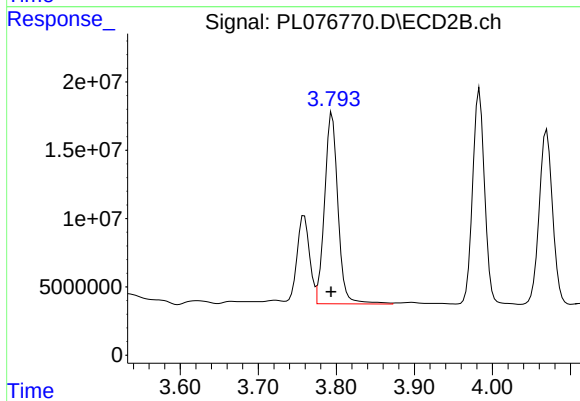
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.001 min
Response: 164900610
Conc: 43.26 ng/ml



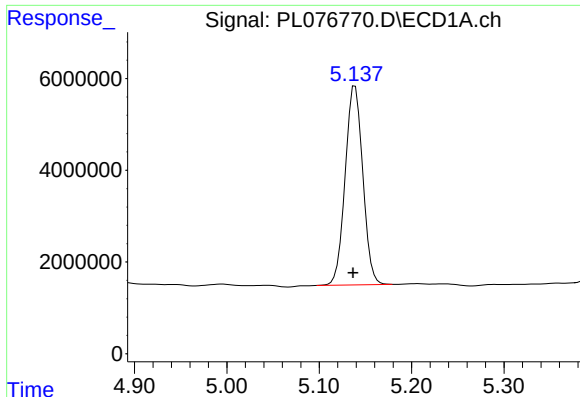
#4 Heptachlor

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 64422368
Conc: 48.00 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: 0.001 min
Response: 167133801
Conc: 44.26 ng/ml



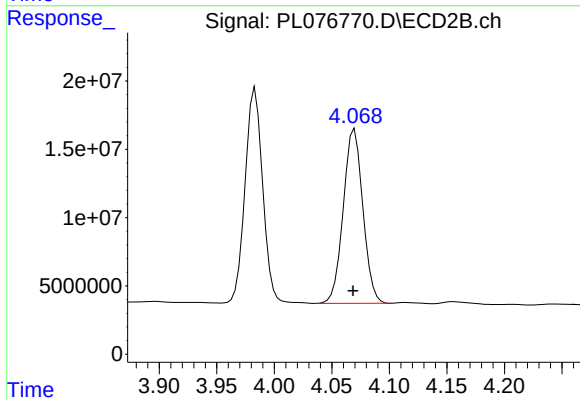
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: 0.002 min
Response: 57582486
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

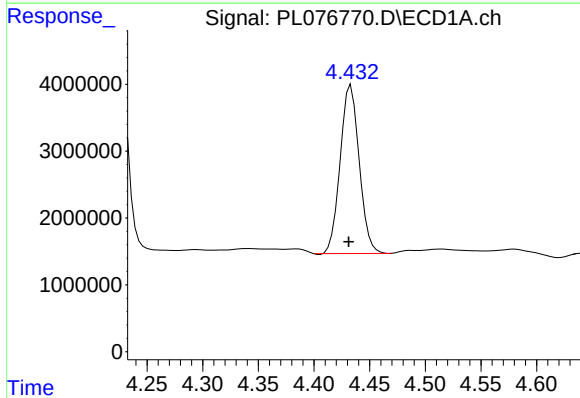
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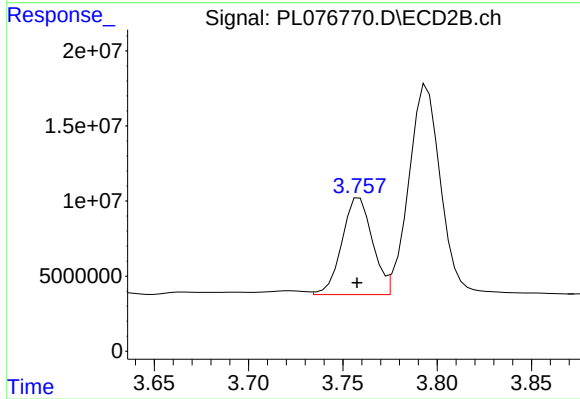
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: 0.001 min
Response: 151846795
Conc: 43.16 ng/ml



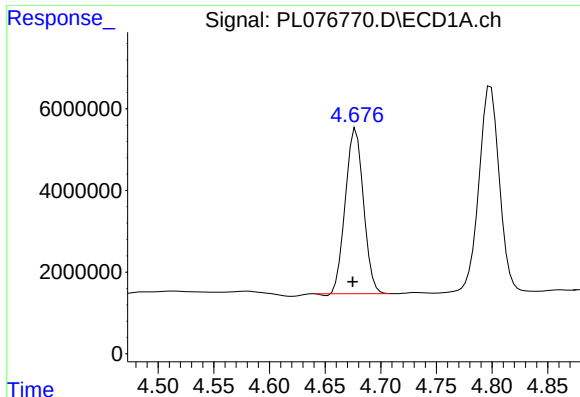
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 29965585
Conc: 50.22 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: 0.001 min
Response: 72278253
Conc: 42.63 ng/ml



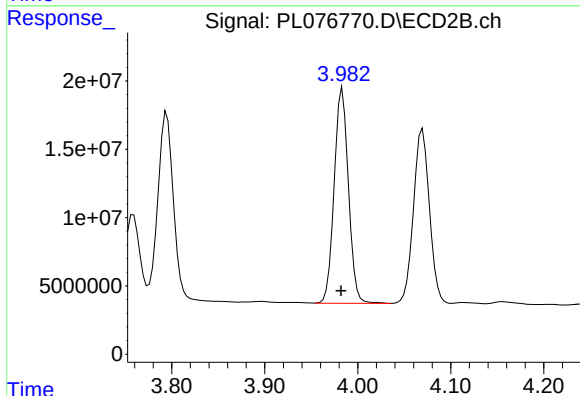
#7 delta-BHC

R.T.: 4.678 min
Delta R.T.: 0.003 min
Response: 45806490
Conc: 41.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

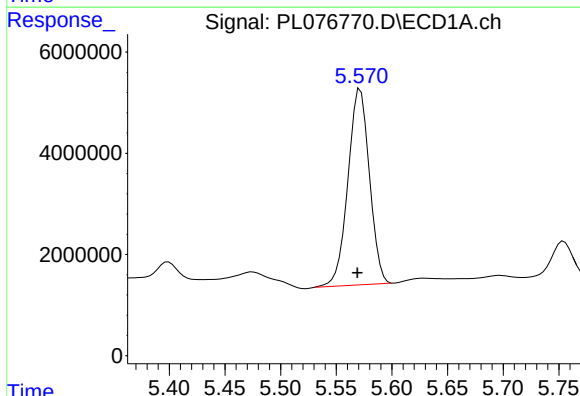
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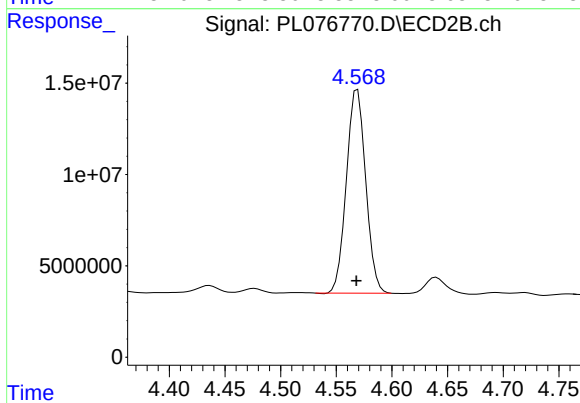
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: 0.002 min
Response: 168017389
Conc: 44.06 ng/ml



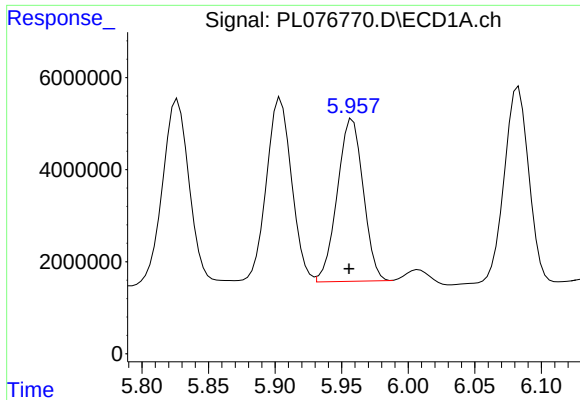
#8 Heptachlor epoxide

R.T.: 5.572 min
Delta R.T.: 0.003 min
Response: 52198581
Conc: 46.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: 0.001 min
Response: 134586867
Conc: 42.43 ng/ml



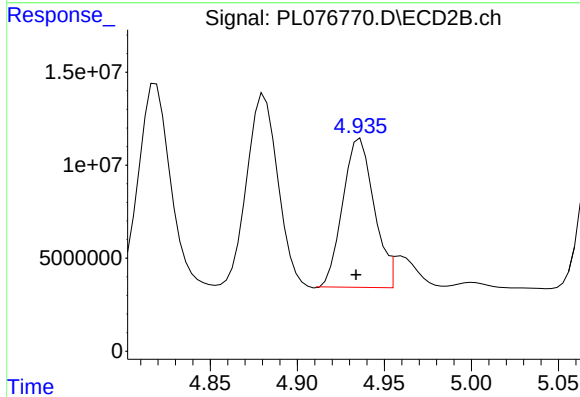
#9 Endosulfan I

R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 47873915
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

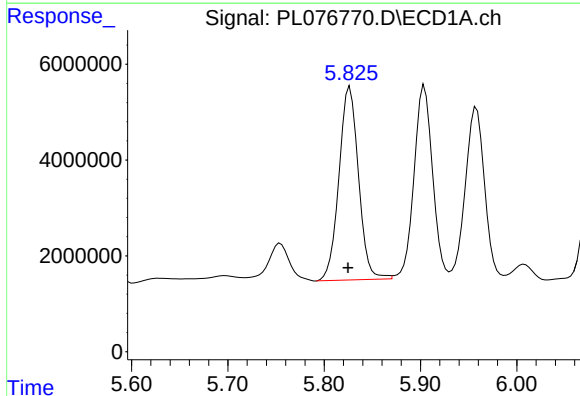
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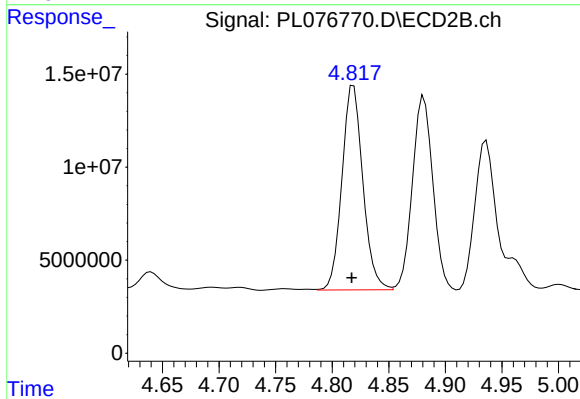
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 99599185
Conc: 34.42 ng/ml m



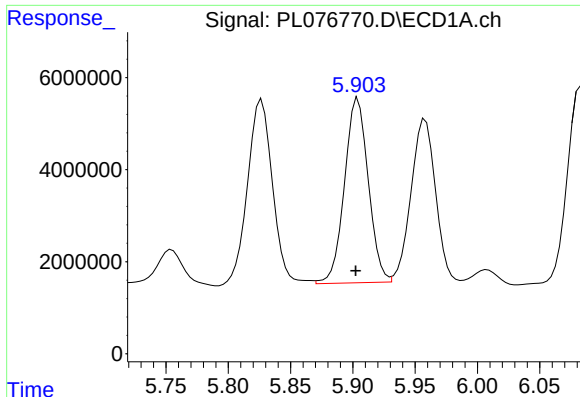
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.002 min
Response: 56679803
Conc: 51.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.002 min
Response: 141429486
Conc: 44.19 ng/ml



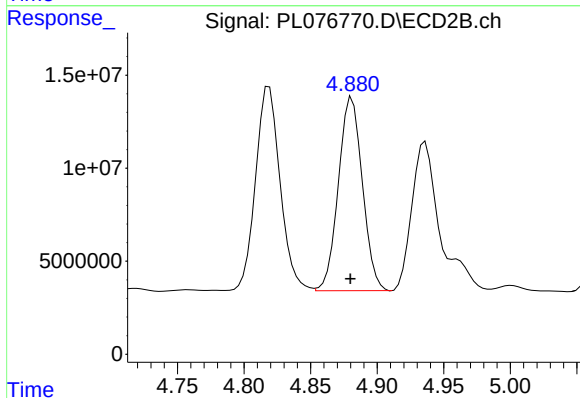
#11 alpha-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 53531684
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

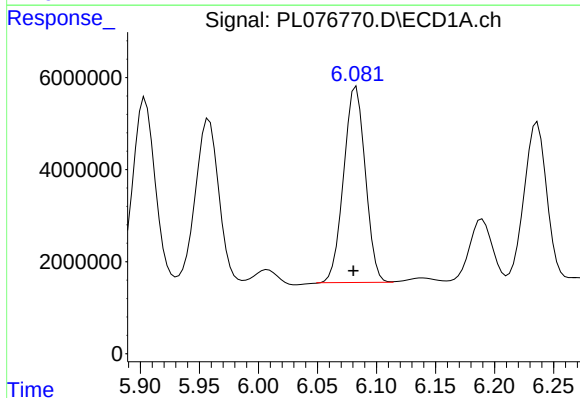
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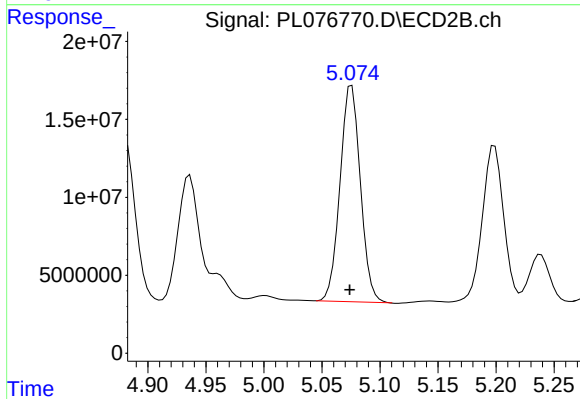
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: 0.001 min
Response: 130628219
Conc: 41.86 ng/ml



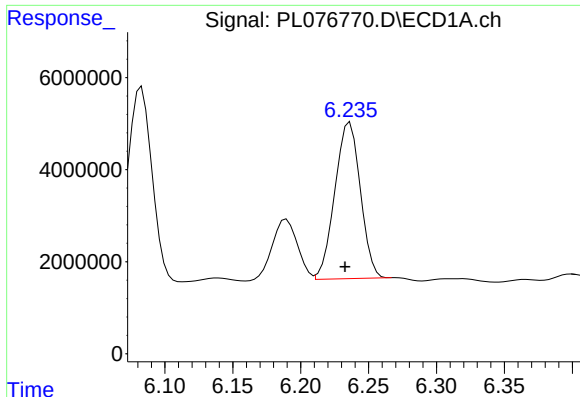
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 54262920
Conc: 55.28 ng/ml m



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.002 min
Response: 168859965
Conc: 56.82 ng/ml



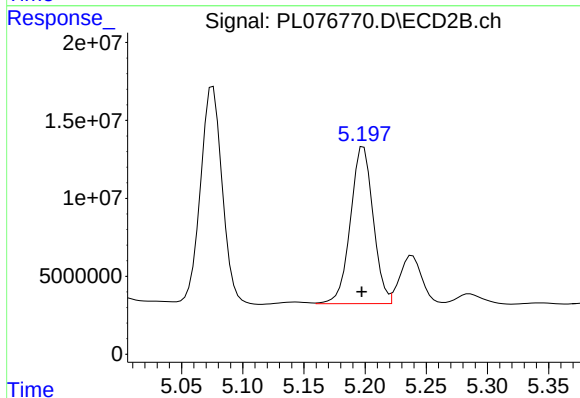
#13 Dieldrin

R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 44463174
Conc: 42.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

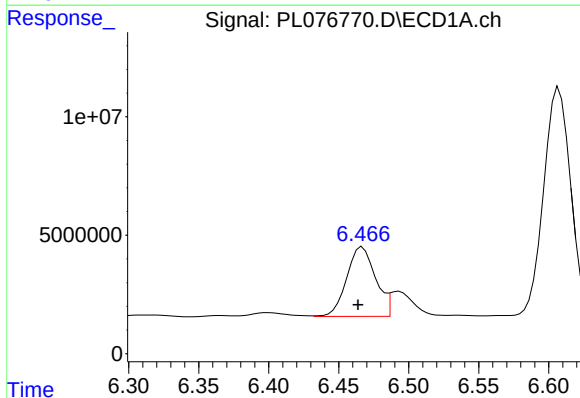
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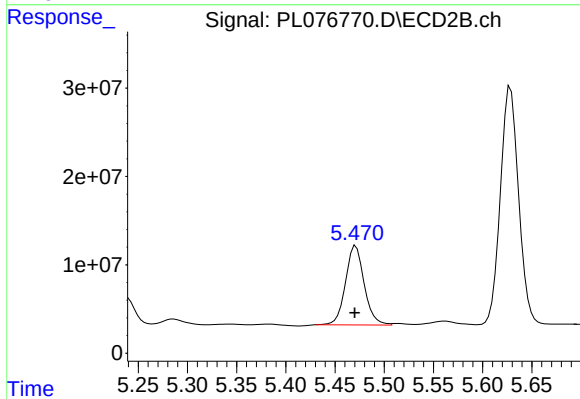
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: 0.002 min
Response: 129963674
Conc: 41.88 ng/ml



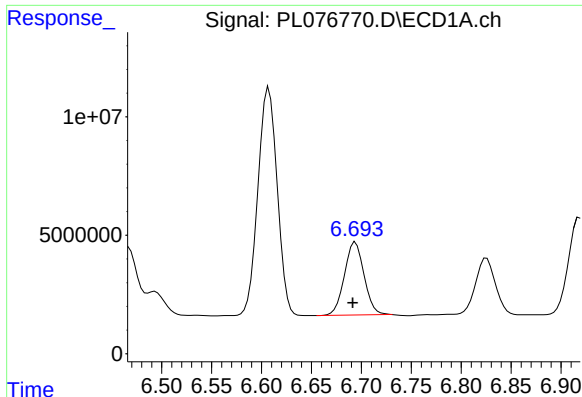
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 41926607
Conc: 43.65 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: 0.001 min
Response: 118556614
Conc: 47.22 ng/ml



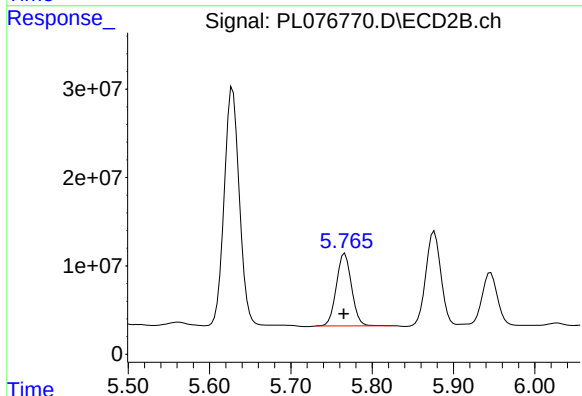
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: 0.003 min
Response: 41999184
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

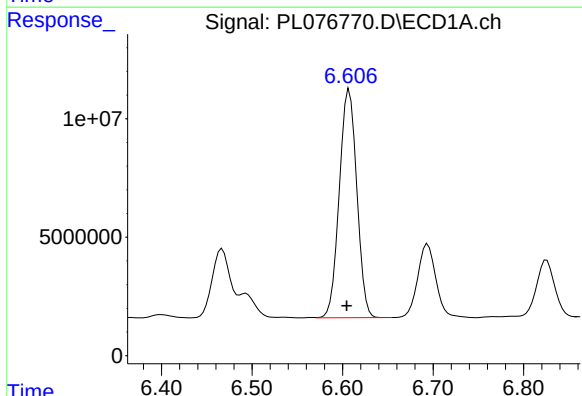
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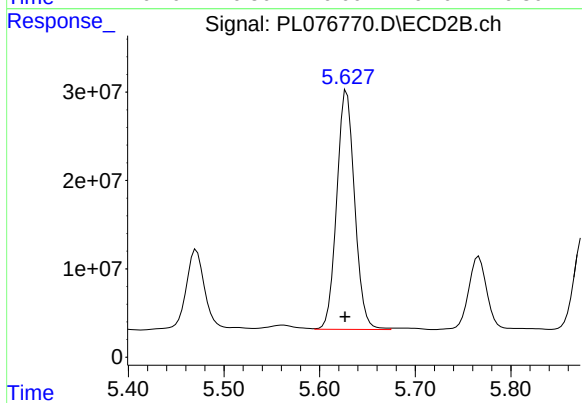
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 106548201
Conc: 44.43 ng/ml



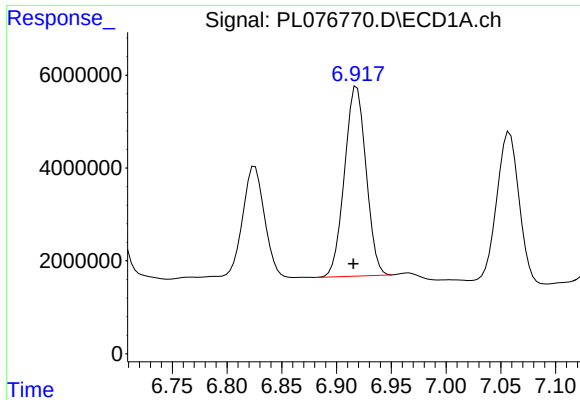
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 129569685
Conc: 155.42 ng/ml



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 351867775
Conc: 148.53 ng/ml



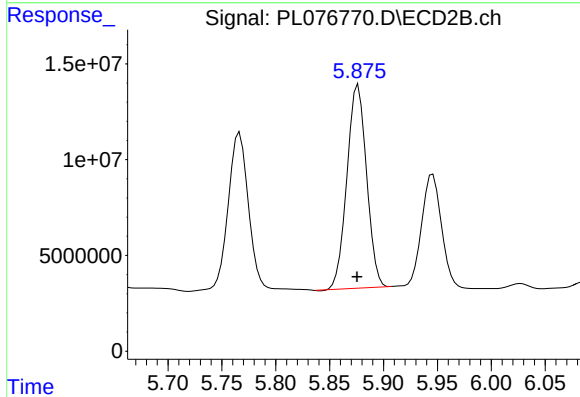
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.003 min
Response: 55944585
Conc: 61.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

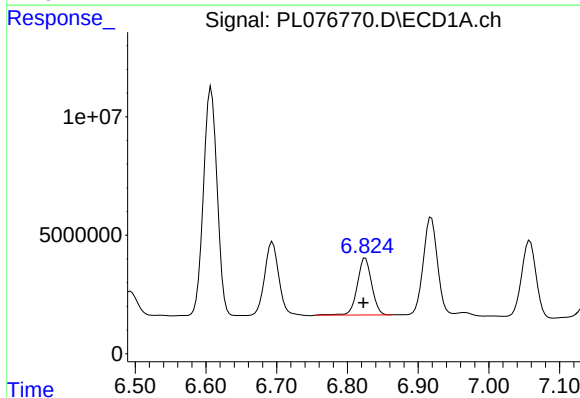
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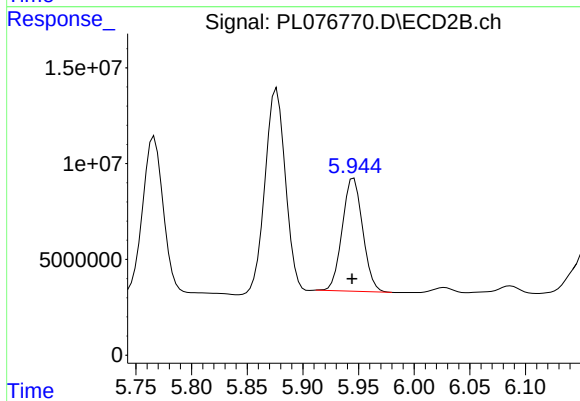
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 134726272
Conc: 56.08 ng/ml



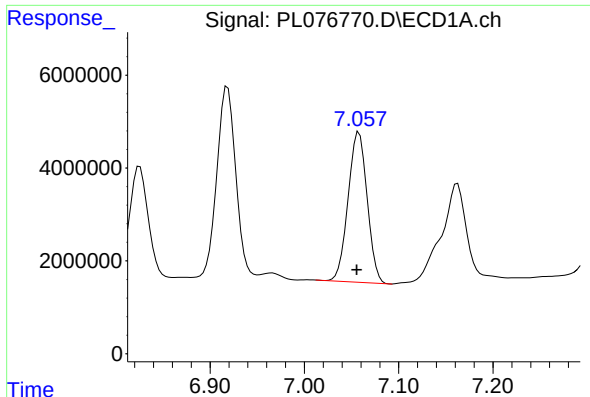
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 34010217
Conc: 46.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 75188146
Conc: 39.91 ng/ml



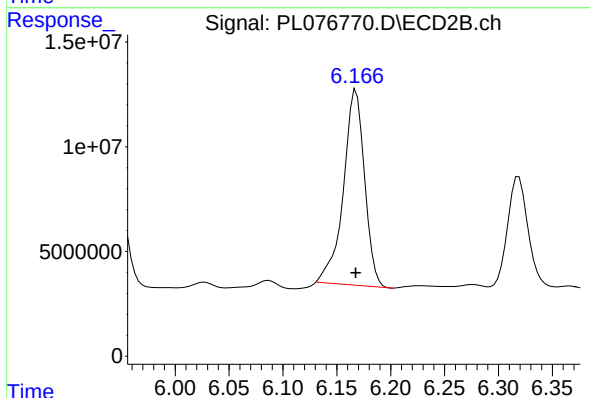
#19 Endosulfan Sulfate

R.T.: 7.058 min
Delta R.T.: 0.003 min
Response: 45559032
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

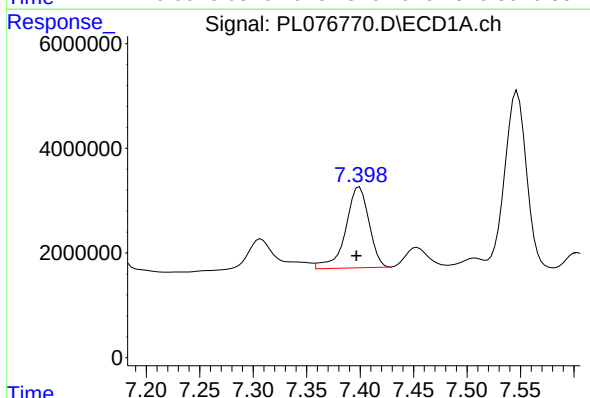
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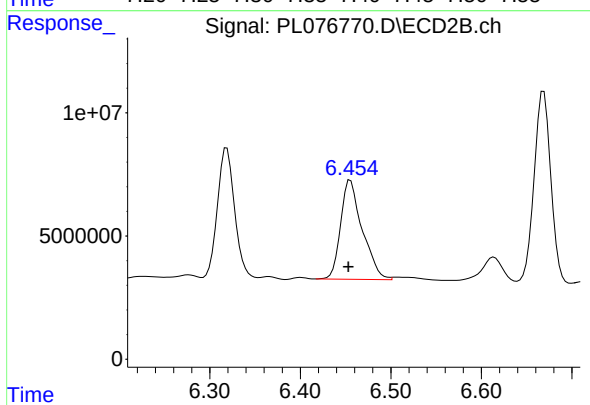
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 127827666
Conc: 51.97 ng/ml



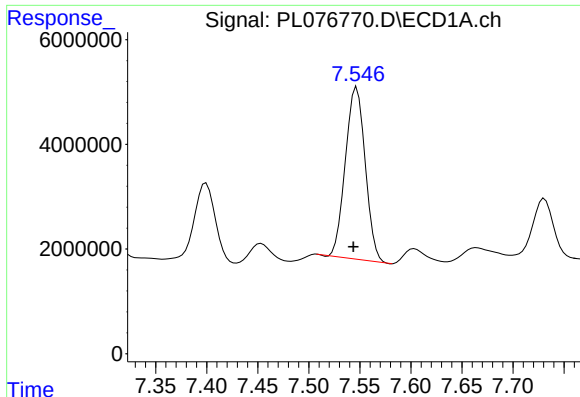
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.003 min
Response: 23545241
Conc: 46.53 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 66856412
Conc: 51.12 ng/ml



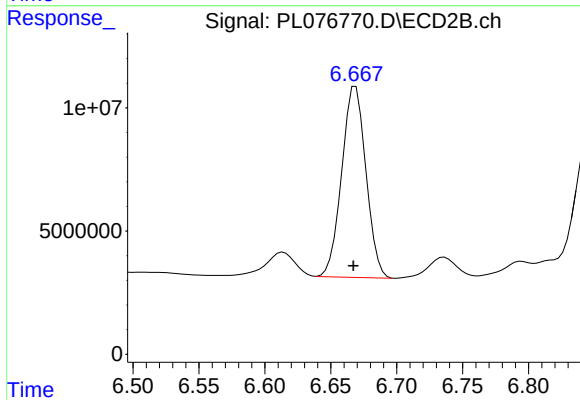
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: 0.003 min
Response: 44503988
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

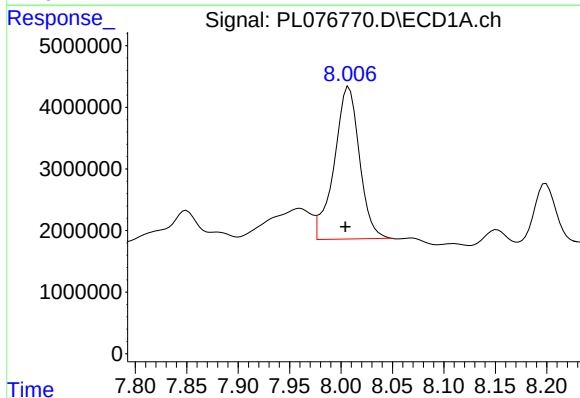
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Supervised By :mohammad ahmed 08/01/2022



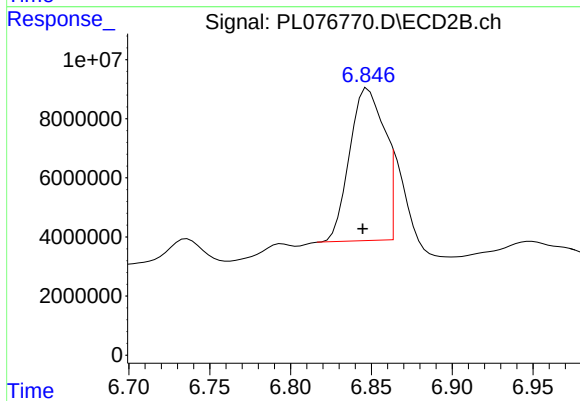
#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 98792491
Conc: 36.40 ng/ml m



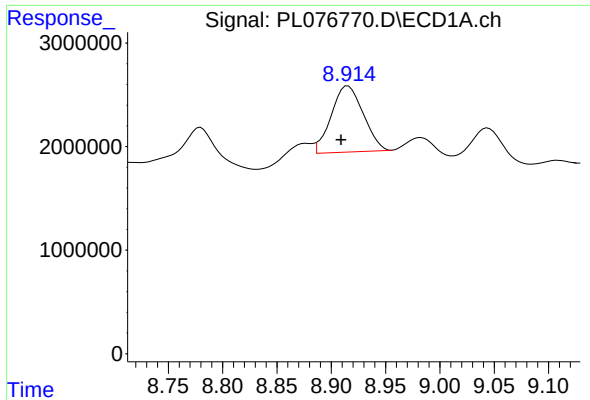
#22 Mirex

R.T.: 8.008 min
Delta R.T.: 0.003 min
Response: 42244156
Conc: 54.61 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 81035821
Conc: 40.41 ng/ml m



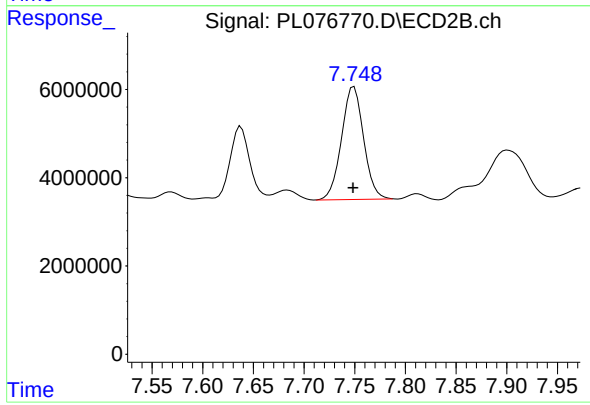
#28 Decachlorobiphenyl

R.T.: 8.914 min
Delta R.T.: 0.005 min
Response: 13025894
Conc: 14.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
RVE-16MSD

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 08/01/2022
Supervised By :mohammad ahmed 08/01/2022



#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 38742689
Conc: 15.09 ng/ml m