

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077805.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 14:18
 Operator : AR\AJ
 Sample : N4630-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-17-4-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2022
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 18:36:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.416	2.625	27265708	52794647	17.009	17.784
28) SA Decachlor...	8.903	7.725	25030551	41432099	19.367m	16.505
Target Compounds						
2) A alpha-BHC	3.881	3.118	116.6E6	215.7E6	49.147	47.565
3) MA gamma-BHC...	4.217	3.442	111.9E6	196.5E6	50.577	48.668
4) MA Heptachlor	4.792	3.774	100.3E6	170.4E6	45.290	43.033
5) MB Aldrin	5.133	4.048	93130052	168.3E6	46.859	44.352
6) B beta-BHC	4.429	3.742	48654556	76690224	50.062	46.065
7) B delta-BHC	4.673	3.965	82164205	166.4E6	40.018	41.005
8) B Heptachlo...	5.566	4.547	84588936	151.2E6	48.522	44.719
9) A Endosulfan I	5.952	4.912	74538696	133.9E6	46.248	42.427
10) B gamma-Chl...	5.821	4.796	82675044	146.9E6	47.219	43.110
11) B alpha-Chl...	5.898	4.859	80711544	140.5E6	46.726	42.438
12) B 4,4'-DDE	6.078	5.053	69238439	133.3E6	43.495	40.965
13) MA Dieldrin	6.230	5.176	77240634	151.8E6	47.856	45.790
14) MA Endrin	6.461	5.448	67155751	138.2E6	48.558	48.463
15) B Endosulfa...	6.690	5.744	67037252	126.2E6	48.529	47.898
16) A 4,4'-DDD	6.602	5.605	53775101	115.2E6	45.928	44.482
17) MA 4,4'-DDT	6.913	5.854	54773340	110.8E6	43.226	42.054
18) B Endrin al...	6.821	5.923	57047265	104.0E6	53.946	50.384
19) B Endosulfa...	7.054	6.146	57056083	113.6E6	44.554	42.257
20) A Methoxychlor	7.395	6.431	31661218	56801560	47.939	41.478
21) B Endrin ke...	7.542	6.645	62569297	125.2E6	45.281	41.334
22) Mirex	8.002	6.821	47485605	87644126	45.225	40.767

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
Data File : PL077805.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2022 14:18
Operator : AR\AJ
Sample : N4630-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

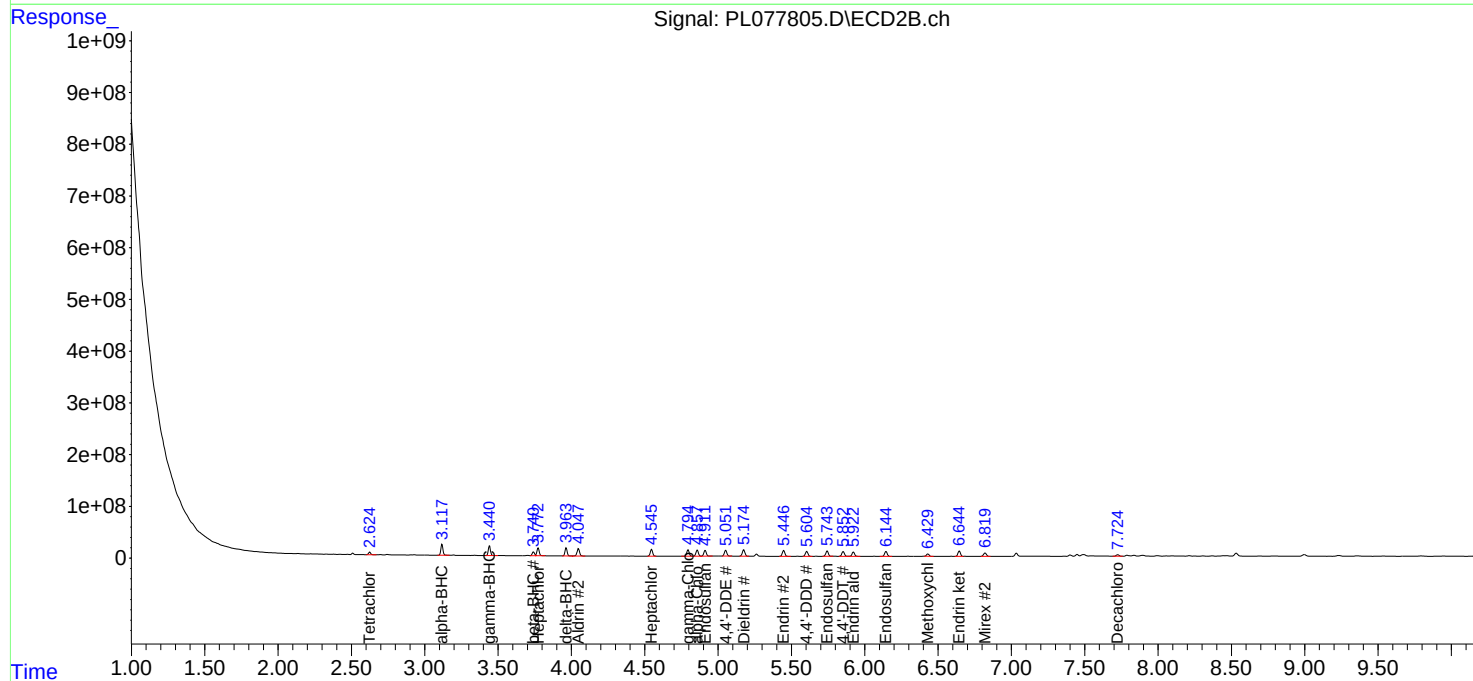
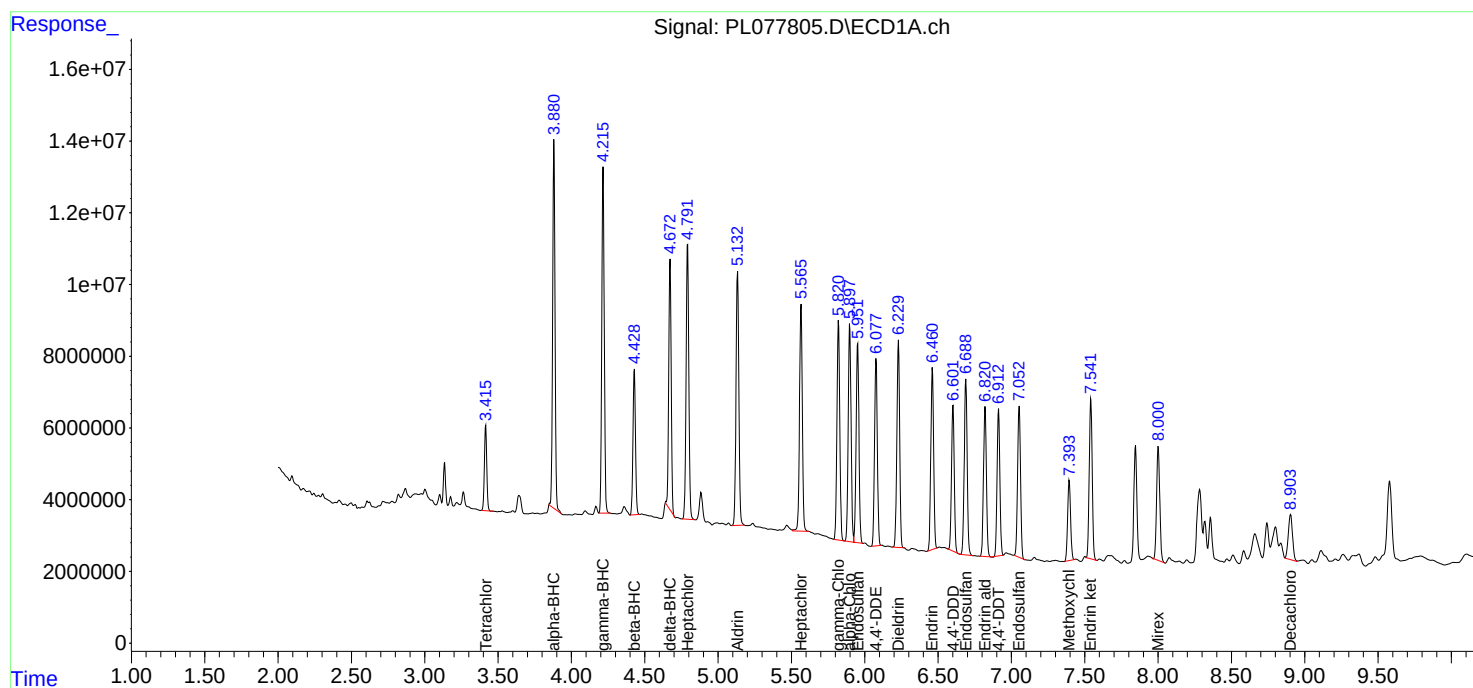
Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

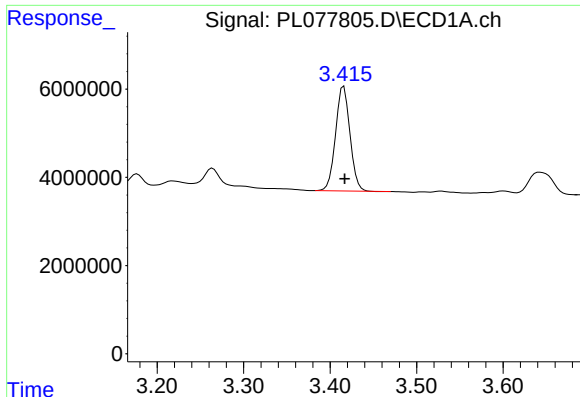
Manual Integrations
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Reviewed By : Abdul Mirza 09/19/2022
Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 18:36:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
Quant Title : GC Extractables
QLast Update : Tue Sep 13 13:26:11 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





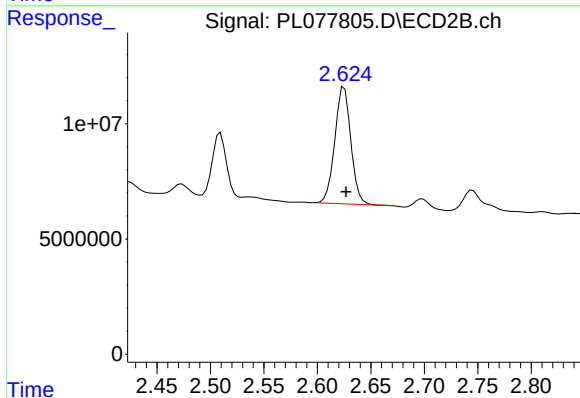
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 27265708
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

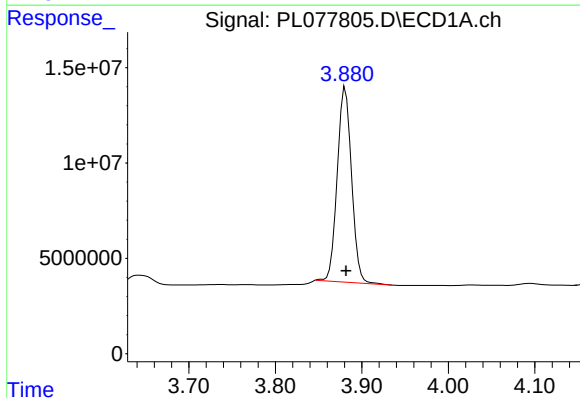
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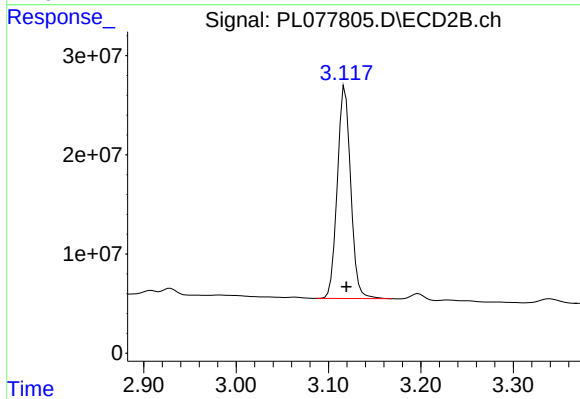
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 52794647
Conc: 17.78 ng/ml



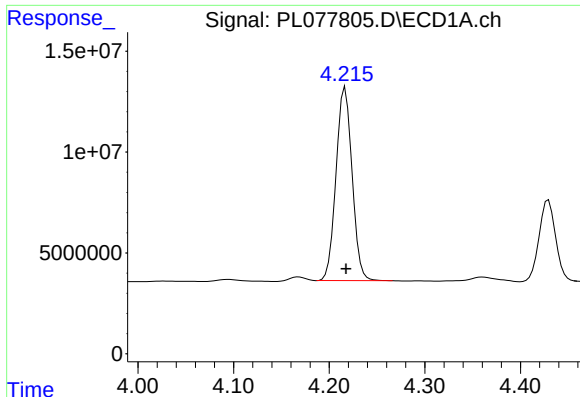
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 116630112
Conc: 49.15 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.001 min
Response: 215714111
Conc: 47.57 ng/ml



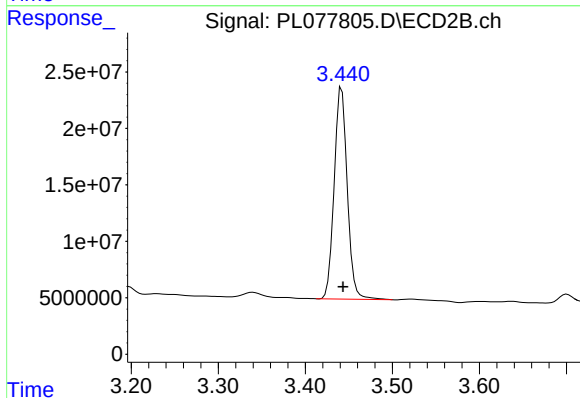
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 111896852
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

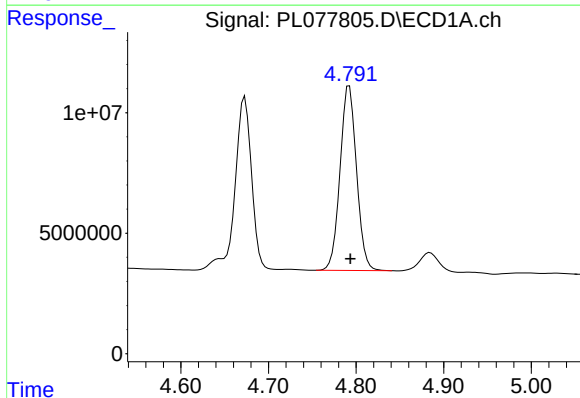
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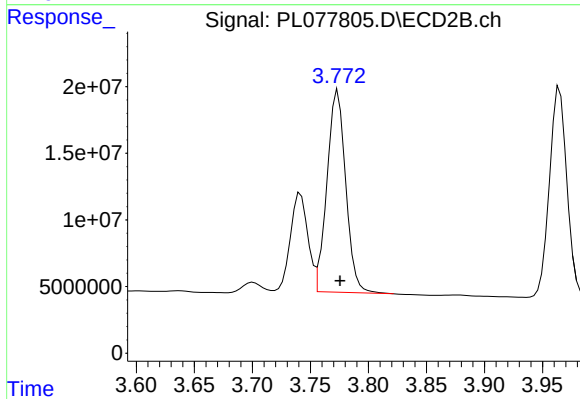
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 196530506
Conc: 48.67 ng/ml



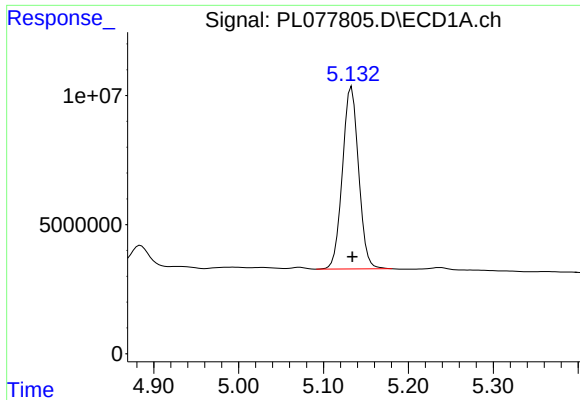
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 100273908
Conc: 45.29 ng/ml



#4 Heptachlor

R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 170435082
Conc: 43.03 ng/ml



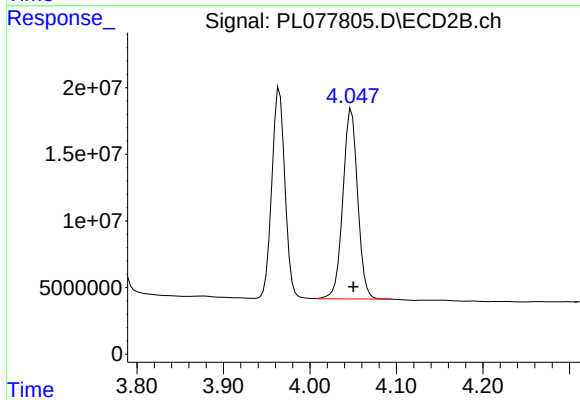
#5 Aldrin

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 93130052
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

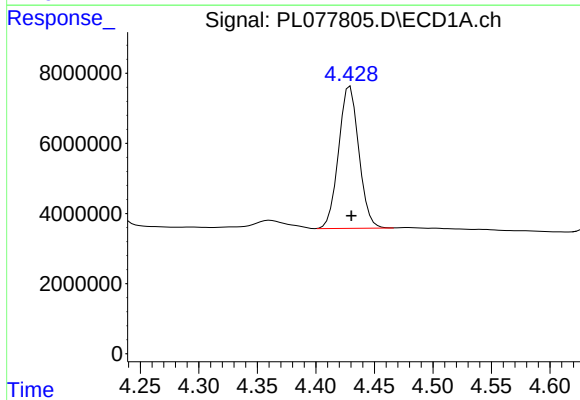
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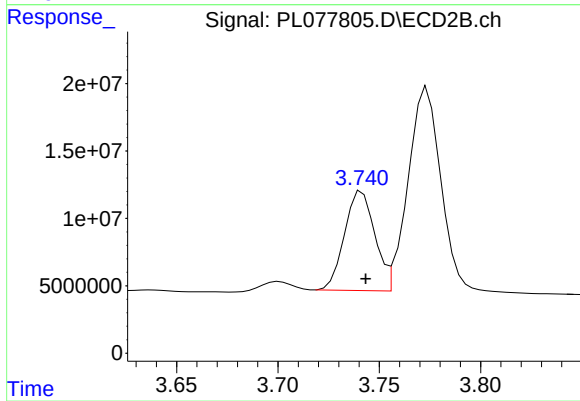
#5 Aldrin

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 168311519
Conc: 44.35 ng/ml



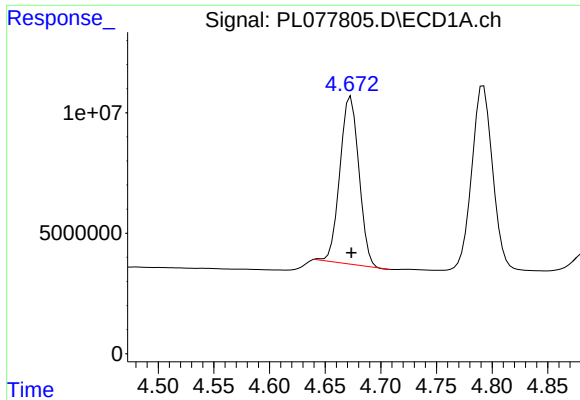
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 48654556
Conc: 50.06 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 76690224
Conc: 46.07 ng/ml



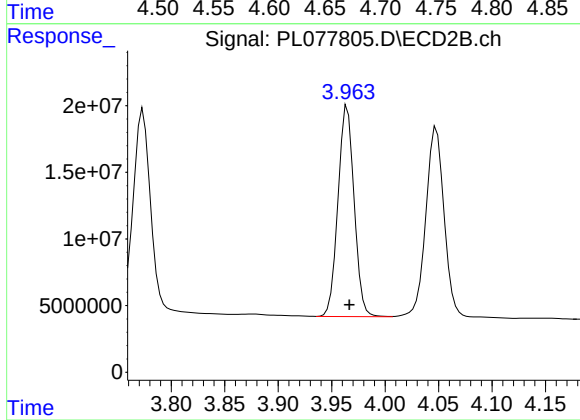
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 82164205
Conc: 40.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

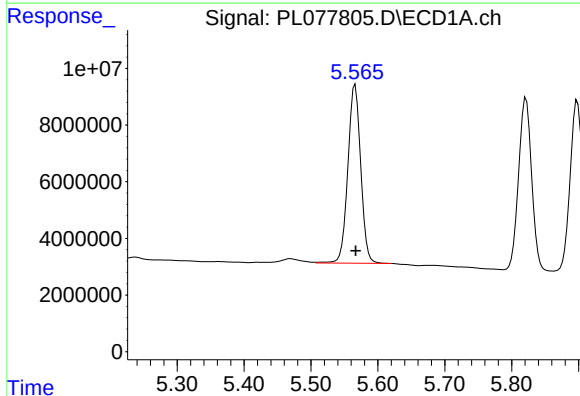
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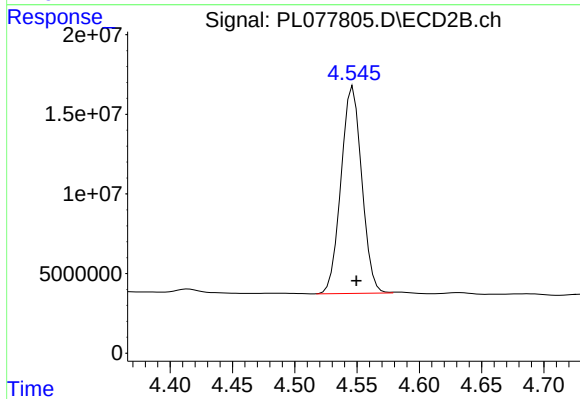
#7 delta-BHC

R.T.: 3.965 min
Delta R.T.: -0.002 min
Response: 166390261
Conc: 41.01 ng/ml



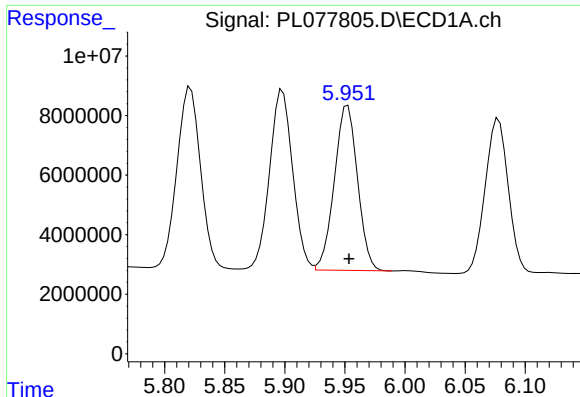
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 84588936
Conc: 48.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 151212386
Conc: 44.72 ng/ml



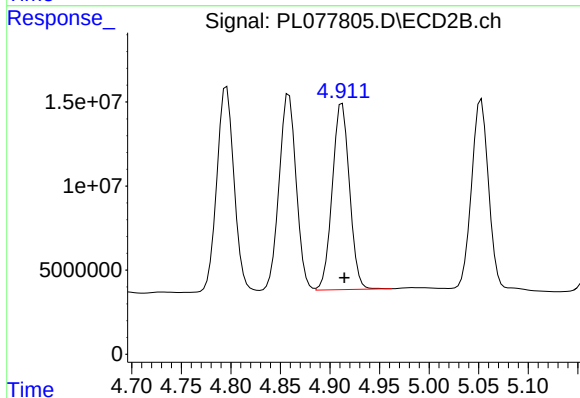
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 74538696
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

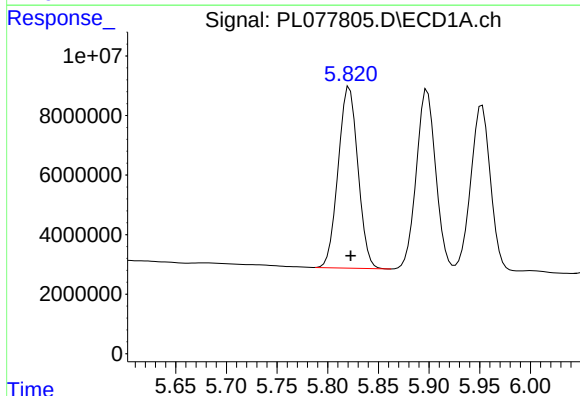
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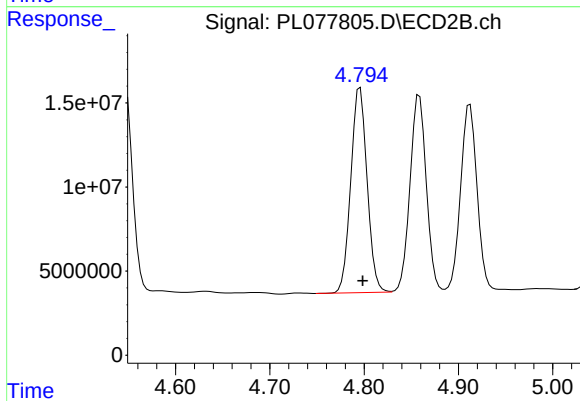
#9 Endosulfan I

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 133866752
Conc: 42.43 ng/ml



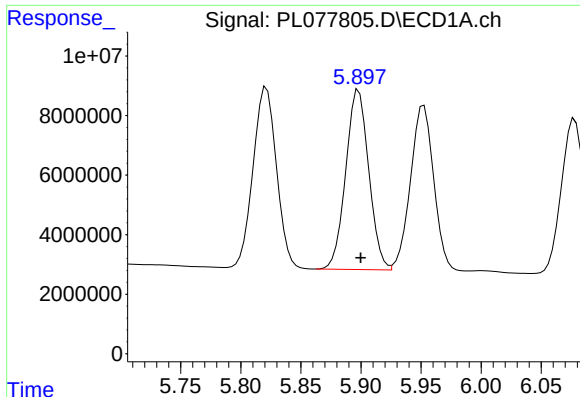
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 82675044
Conc: 47.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 146933860
Conc: 43.11 ng/ml



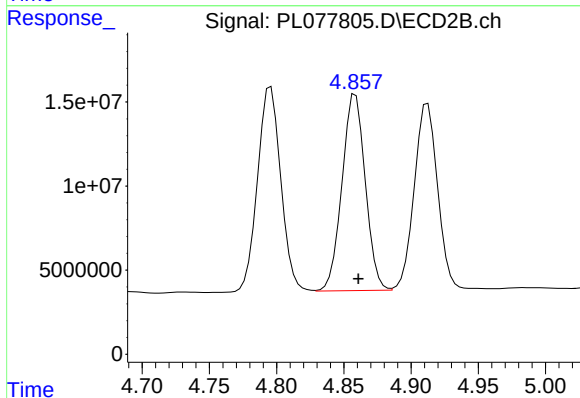
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 80711544
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

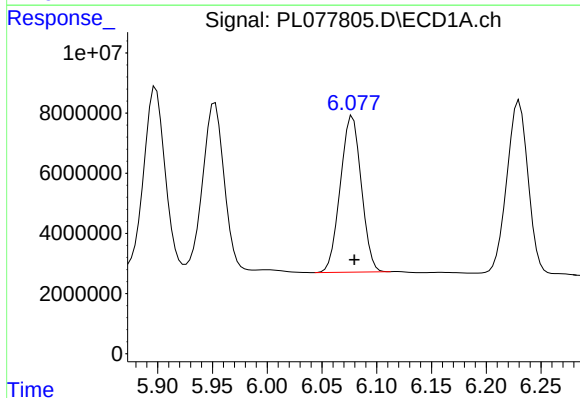
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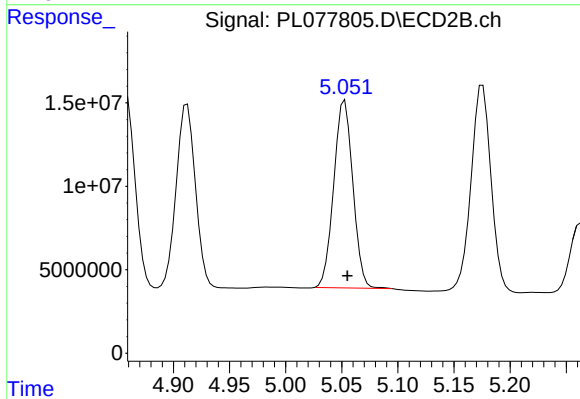
#11 alpha-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 140540585
Conc: 42.44 ng/ml



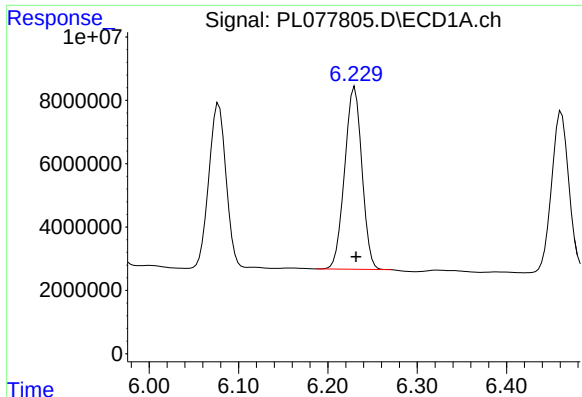
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 69238439
Conc: 43.50 ng/ml



#12 4,4'-DDE

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 133291389
Conc: 40.96 ng/ml



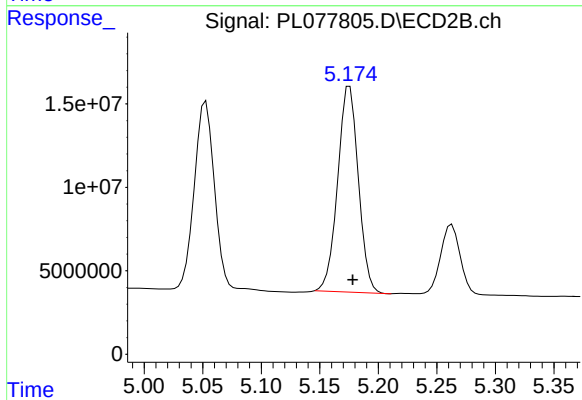
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 77240634
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

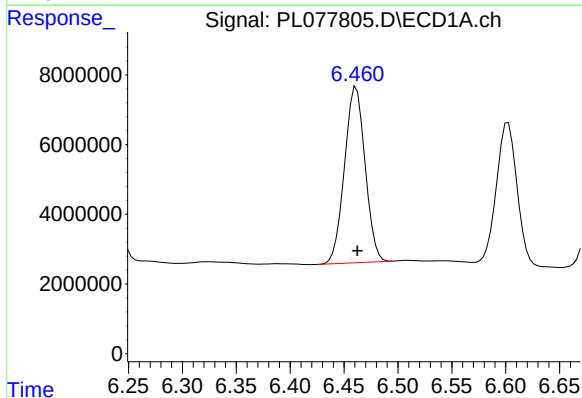
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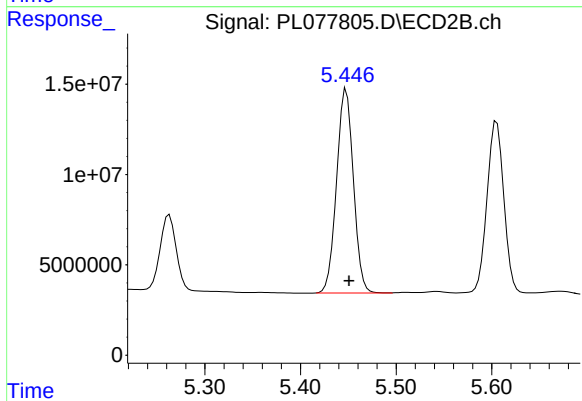
#13 Dieldrin

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 151826567
Conc: 45.79 ng/ml



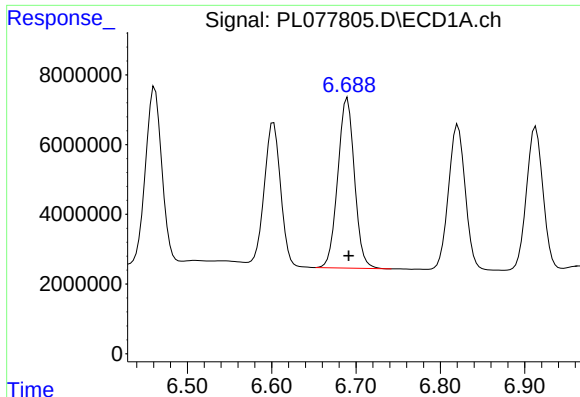
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 67155751
Conc: 48.56 ng/ml



#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.003 min
Response: 138190593
Conc: 48.46 ng/ml



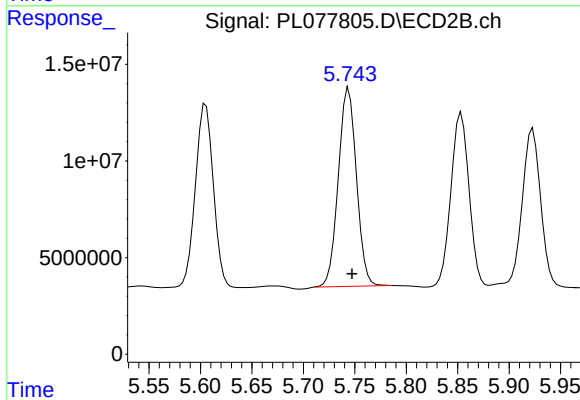
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.001 min
Response: 67037252
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

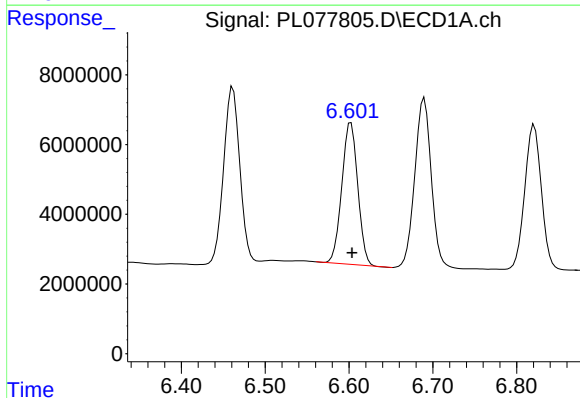
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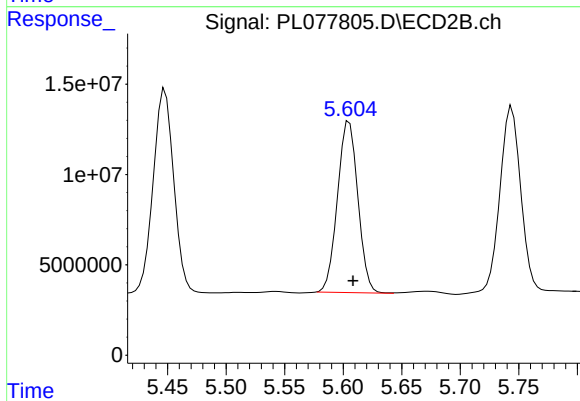
#15 Endosulfan II

R.T.: 5.744 min
Delta R.T.: -0.003 min
Response: 126219871
Conc: 47.90 ng/ml



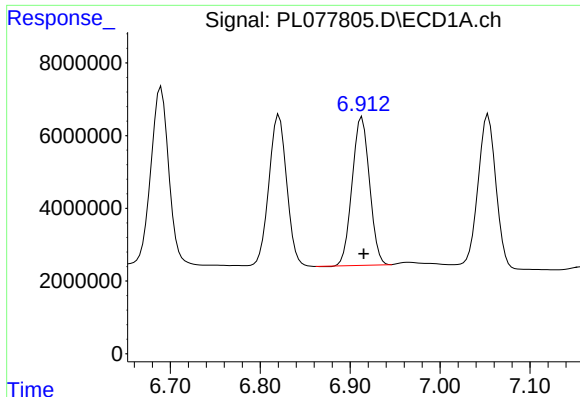
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 53775101
Conc: 45.93 ng/ml



#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 115234186
Conc: 44.48 ng/ml



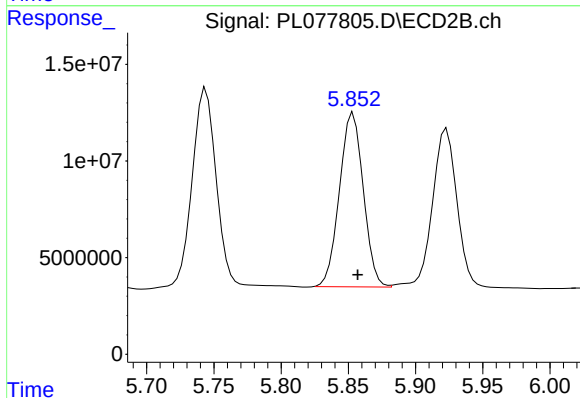
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 54773340
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

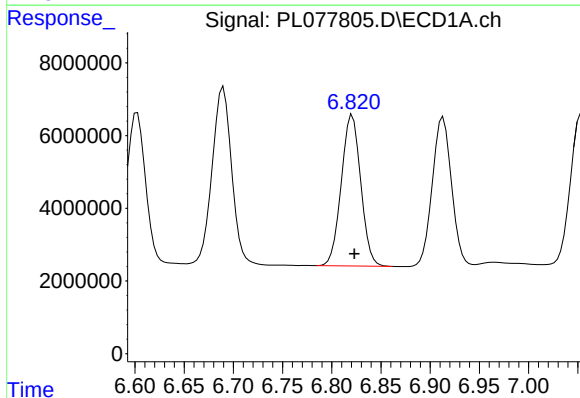
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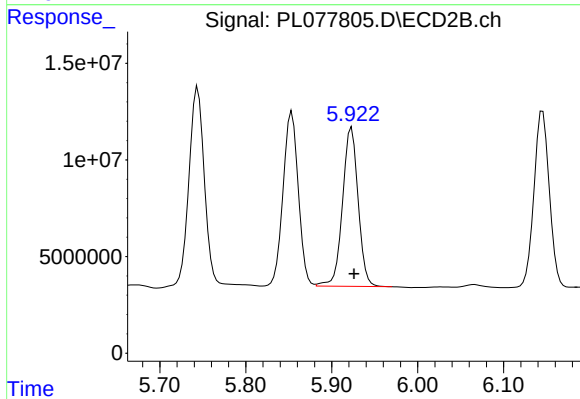
#17 4,4'-DDT

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 110804029
Conc: 42.05 ng/ml



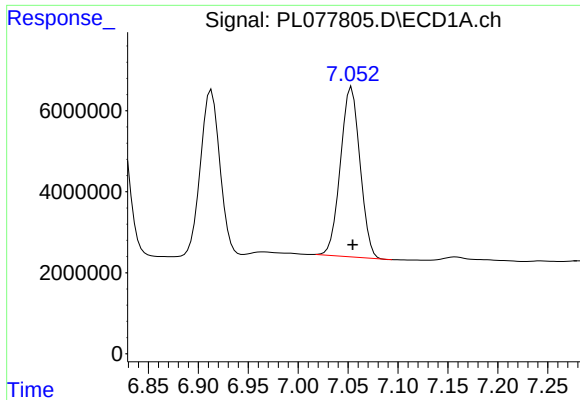
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 57047265
Conc: 53.95 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 103969828
Conc: 50.38 ng/ml



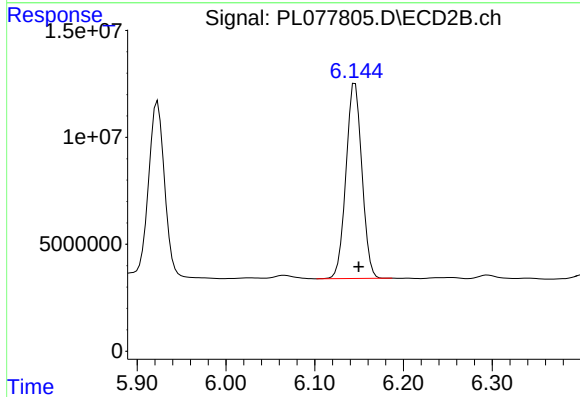
#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: -0.001 min
Response: 57056083
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

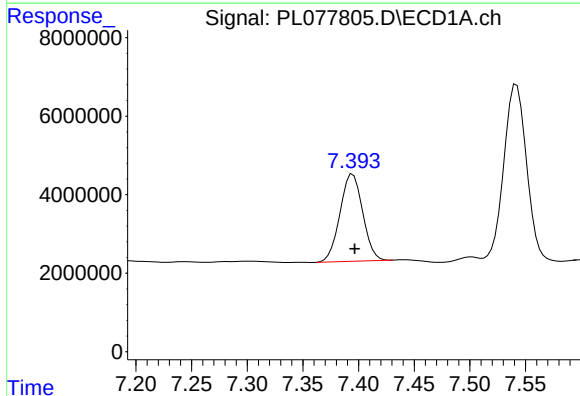
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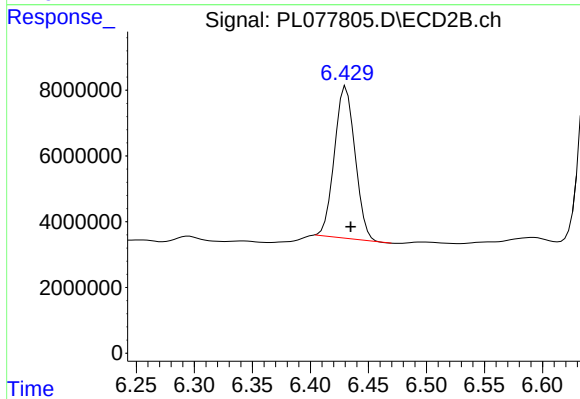
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.004 min
Response: 113636243
Conc: 42.26 ng/ml



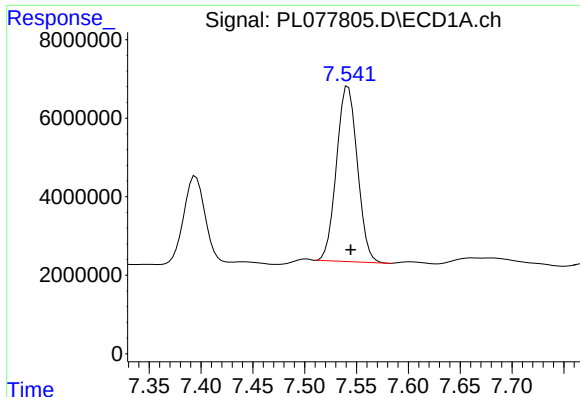
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: -0.002 min
Response: 31661218
Conc: 47.94 ng/ml



#20 Methoxychlor

R.T.: 6.431 min
Delta R.T.: -0.004 min
Response: 56801560
Conc: 41.48 ng/ml



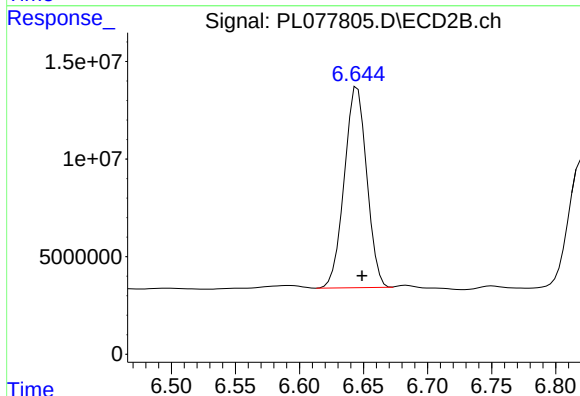
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 62569297
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

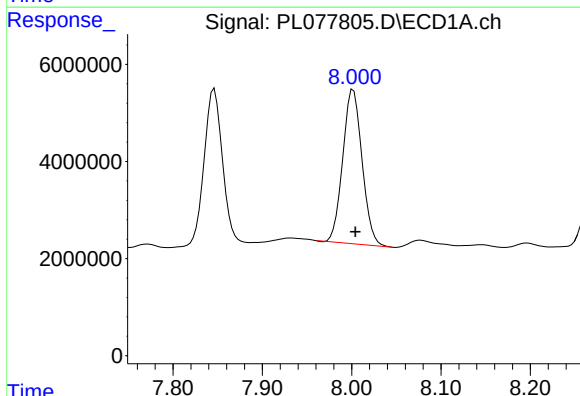
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



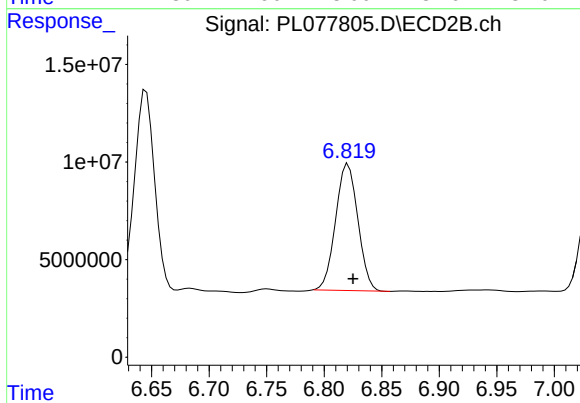
#21 Endrin ketone

R.T.: 6.645 min
Delta R.T.: -0.004 min
Response: 125172342
Conc: 41.33 ng/ml



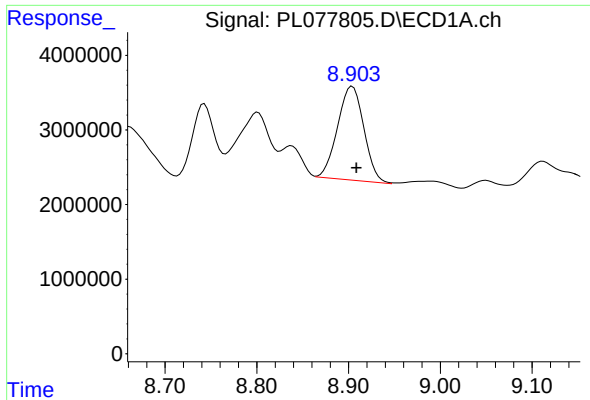
#22 Mirex

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 47485605
Conc: 45.22 ng/ml



#22 Mirex

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 87644126
Conc: 40.77 ng/ml



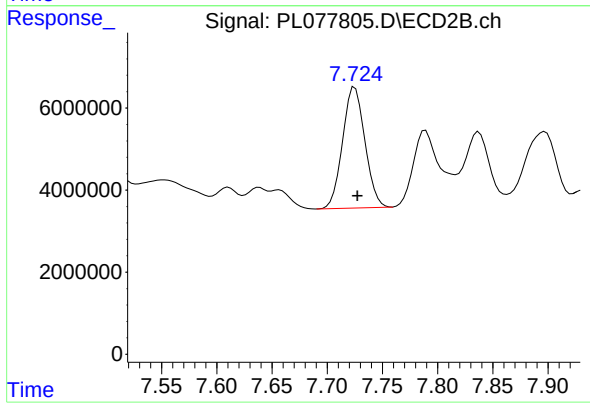
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.006 min
Response: 25030551
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-17-4-1MS

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#28 Decachlorobiphenyl

R.T.: 7.725 min
Delta R.T.: -0.003 min
Response: 41432099
Conc: 16.51 ng/ml