

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072722\
 Data File : PL076662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2022 13:24
 Operator : AR\AJ
 Sample : N3814-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-DE-3(10-15)MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/27/2022
 Supervised By : Ankita Jodhani 07/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 03:18:44 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	2.644	18465023	48635519	17.892	16.396
28) SA Decachlor...	8.915	7.753	15186411	35629307	17.219	13.881
Target Compounds						
2) A alpha-BHC	3.887	3.138	72101784	188.8E6	49.996	45.213
3) MA gamma-BHC...	4.222	3.462	72235405	168.6E6	53.499	44.236
4) MA Heptachlor	4.799	3.796	64236936	179.4E6	47.866	47.520
5) MB Aldrin	5.140	4.072	58326229	155.8E6	48.560	44.276
6) B beta-BHC	4.434	3.760	30779694	79629078	51.580	46.961
7) B delta-BHC	4.677	3.985	60237165	177.5E6	54.344	46.546
8) B Heptachlo...	5.572	4.571	52245017	138.5E6	46.854	43.672
9) A Endosulfan I	5.958	4.937	48139006	104.3E6	46.598	36.040m
10) B gamma-Chl...	5.828	4.821	54060766	136.7E6	48.758	42.728
11) B alpha-Chl...	5.905	4.884	53754800	132.6E6	48.588	42.482
12) B 4,4'-DDE	6.083	5.078	41065232	129.1E6	41.838	43.431
13) MA Dieldrin	6.237	5.201	48288971	135.9E6	45.882	43.784
14) MA Endrin	6.468	5.474	42587272	112.3E6	44.335	44.748
15) B Endosulfa...	6.695	5.769	40177778	101.6E6	44.765	42.376
16) A 4,4'-DDD	6.608	5.630	38617555	99127495	46.323	41.843
17) MA 4,4'-DDT	6.919	5.880	39468404	95216522	43.432	39.631
18) B Endrin al...	6.826	5.949	26909496	60602116	36.911	32.166
19) B Endosulfa...	7.059	6.171	40166691	95599978	44.665	38.866
20) A Methoxychlor	7.400	6.458	22150084	59085157	43.773	45.175
21) B Endrin ke...	7.548	6.671	43075745	101.6E6	42.123	37.434m
22) Mirex	8.009	6.850	37841211	77392215	48.922	38.591

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072722\
Data File : PL076662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jul 2022 13:24
Operator : AR\AJ
Sample : N3814-06MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

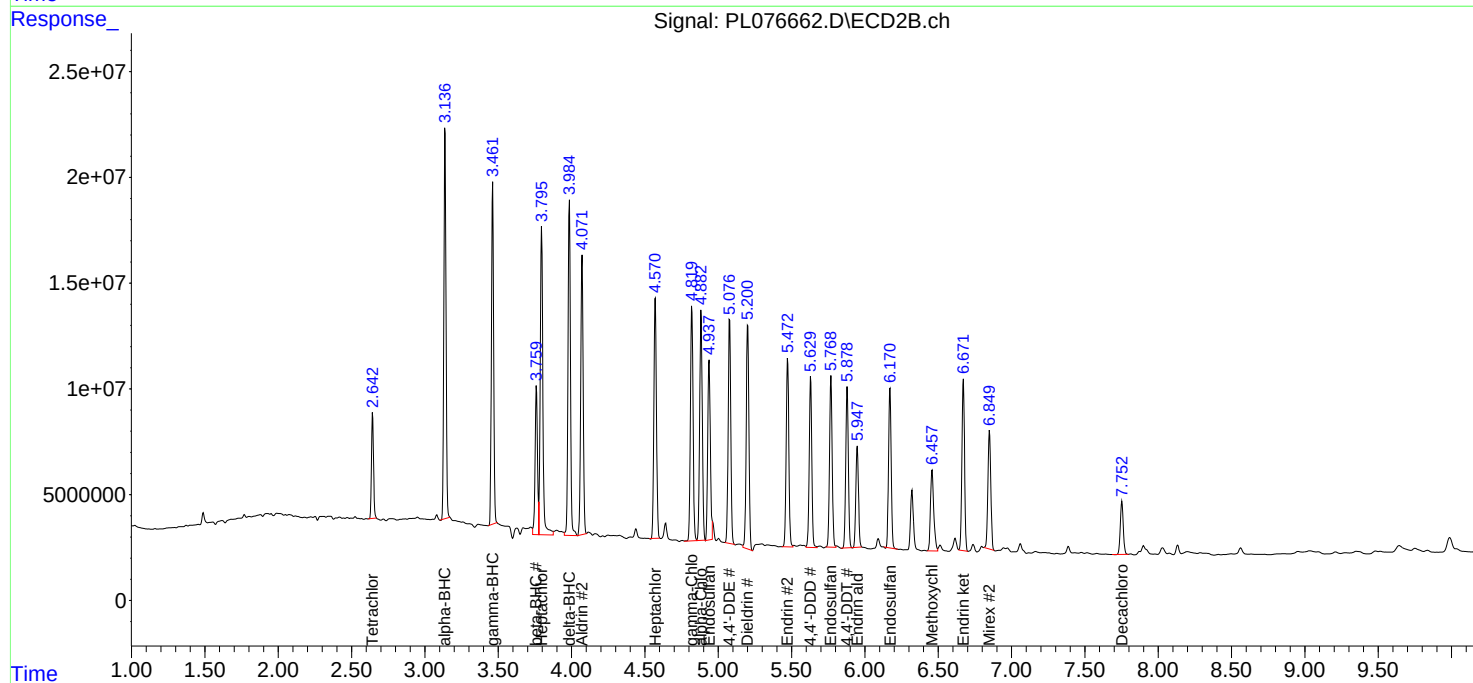
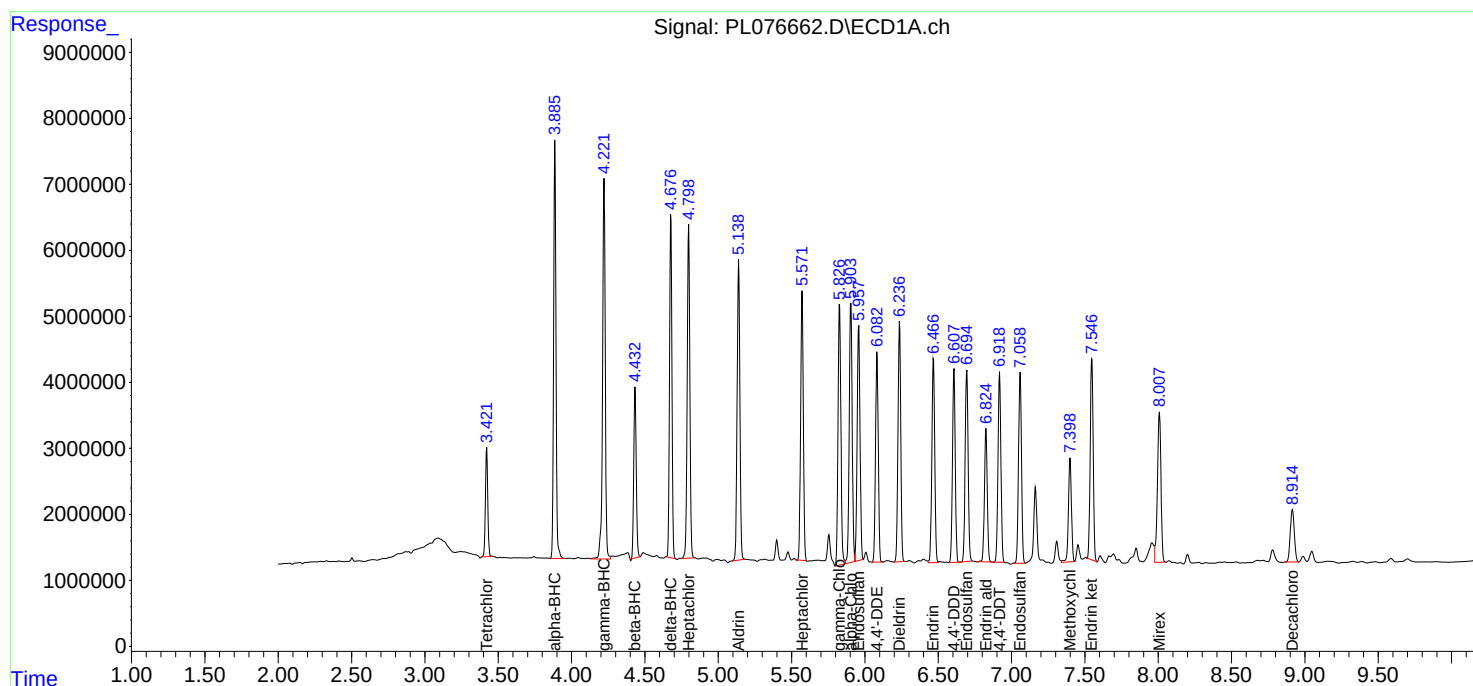
Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

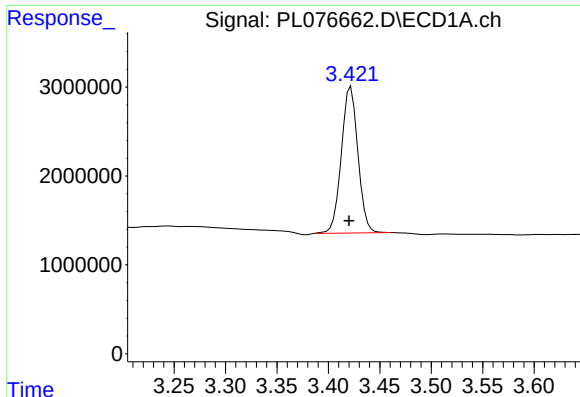
Manual Integrations
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Reviewed By :Abdul Mirza 07/27/2022
Supervised By :Ankita Jodhani 07/27/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 03:18:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 05:22:48 2022
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Volume Inj. : 1 µl
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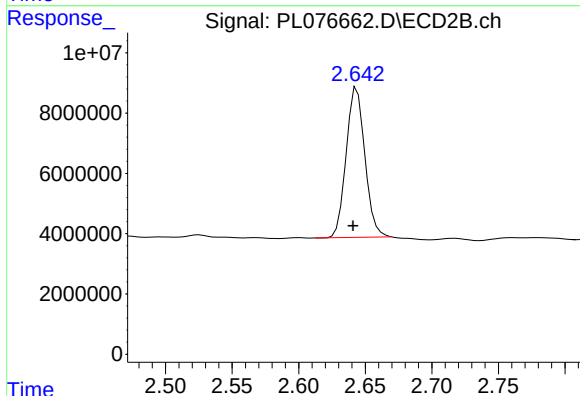
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 18465023
Conc: 17.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

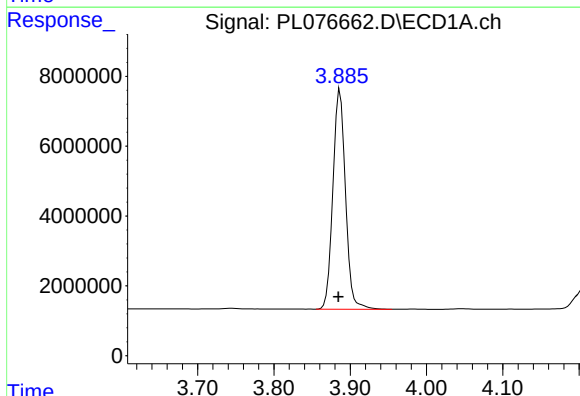
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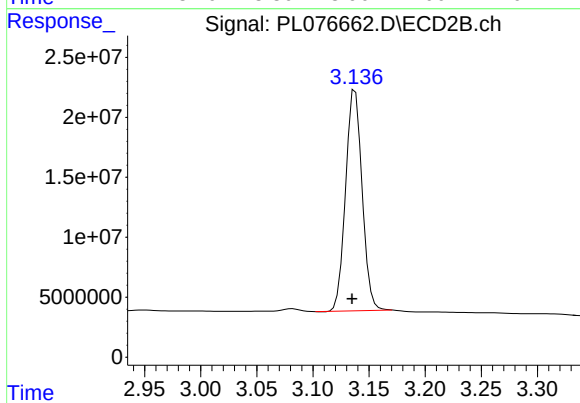
#1 Tetrachloro-m-xylene

R.T.: 2.644 min
Delta R.T.: 0.003 min
Response: 48635519
Conc: 16.40 ng/ml



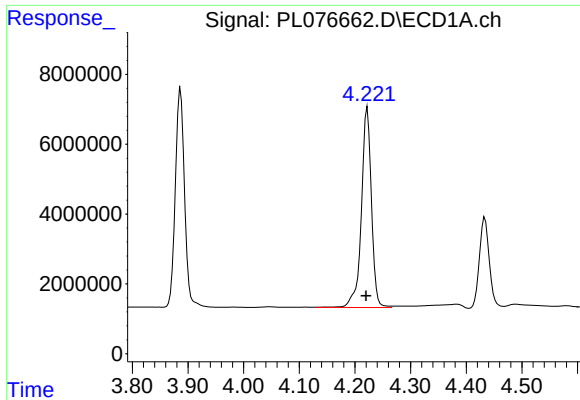
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 72101784
Conc: 50.00 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: 0.003 min
Response: 188768682
Conc: 45.21 ng/ml



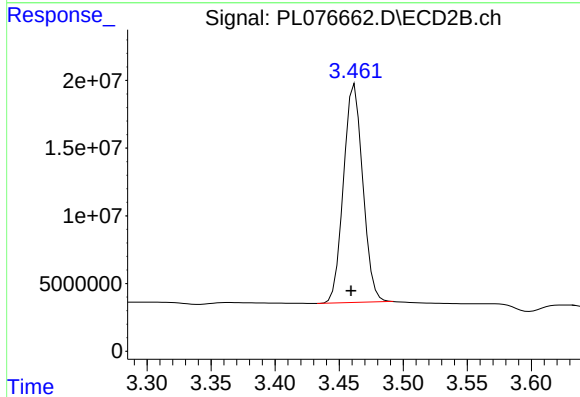
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 72235405
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

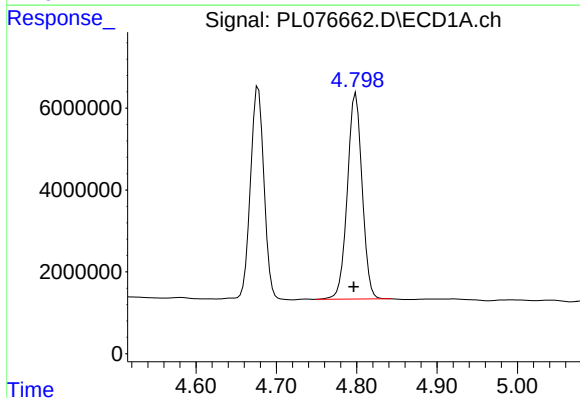
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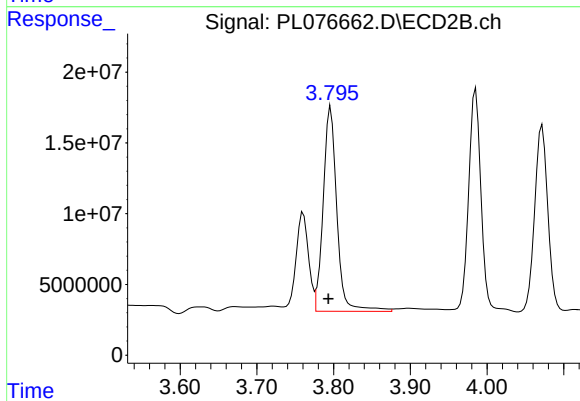
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.003 min
Response: 168603162
Conc: 44.24 ng/ml



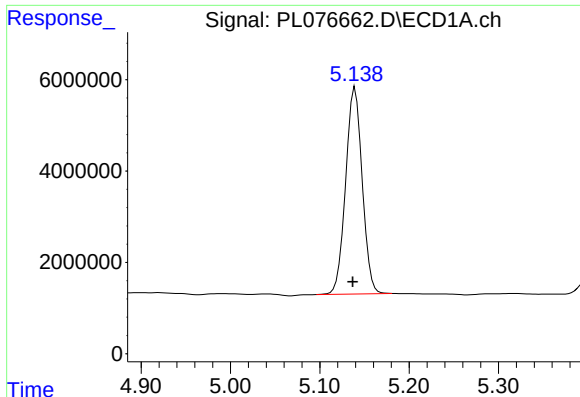
#4 Heptachlor

R.T.: 4.799 min
Delta R.T.: 0.003 min
Response: 64236936
Conc: 47.87 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: 0.003 min
Response: 179427532
Conc: 47.52 ng/ml



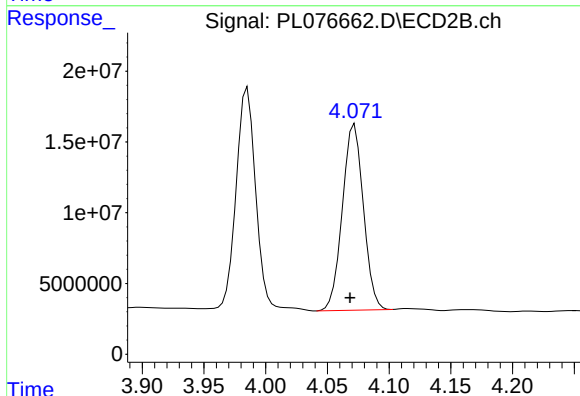
#5 Aldrin

R.T.: 5.140 min
Delta R.T.: 0.003 min
Response: 58326229
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

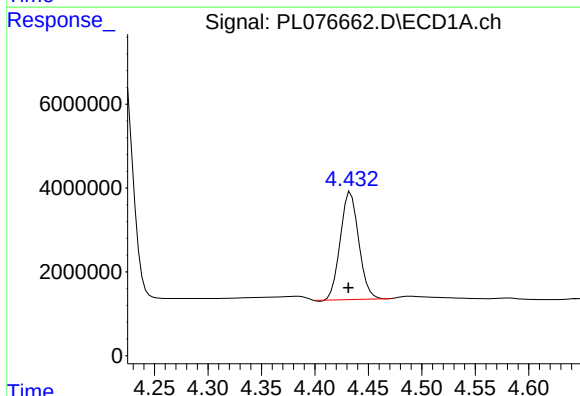
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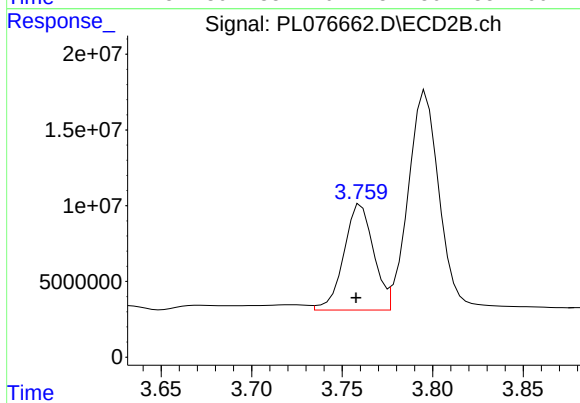
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: 0.004 min
Response: 155756008
Conc: 44.28 ng/ml



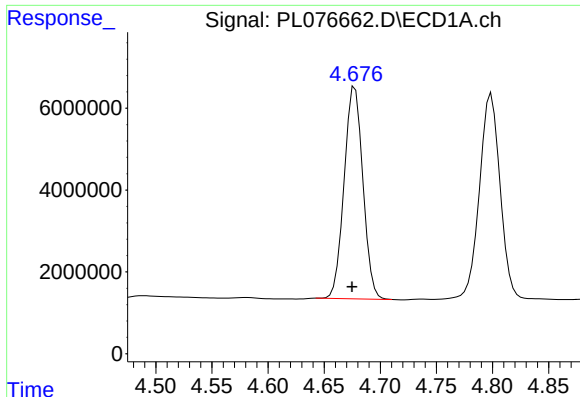
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.002 min
Response: 30779694
Conc: 51.58 ng/ml



#6 beta-BHC

R.T.: 3.760 min
Delta R.T.: 0.003 min
Response: 79629078
Conc: 46.96 ng/ml



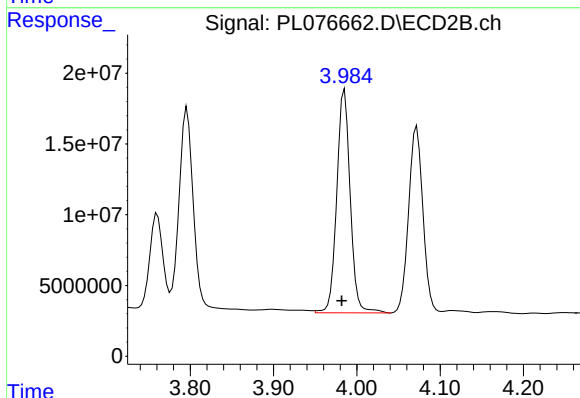
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.003 min
Response: 60237165
Conc: 54.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

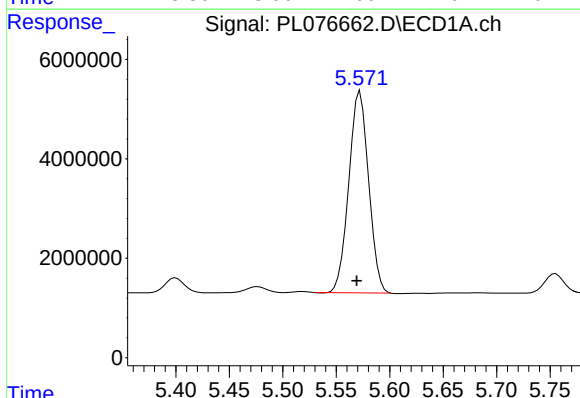
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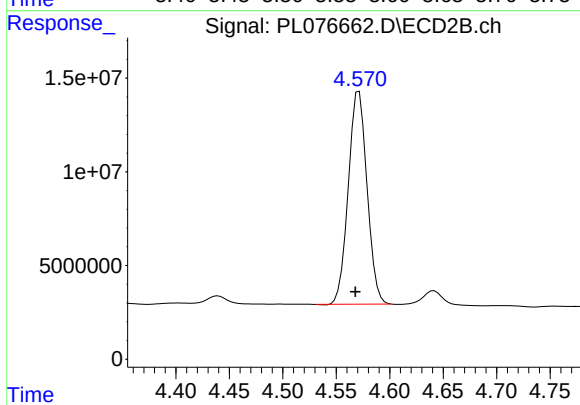
#7 delta-BHC

R.T.: 3.985 min
Delta R.T.: 0.003 min
Response: 177495684
Conc: 46.55 ng/ml



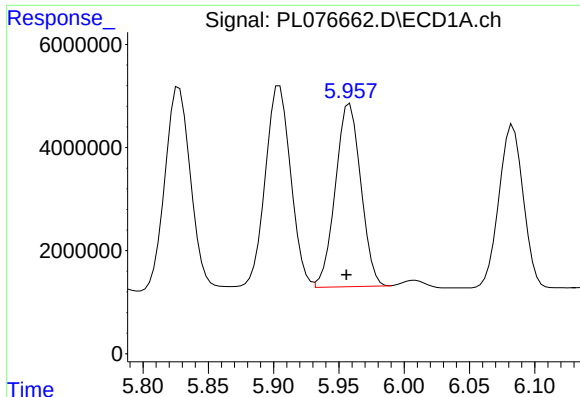
#8 Heptachlor epoxide

R.T.: 5.572 min
Delta R.T.: 0.003 min
Response: 52245017
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.571 min
Delta R.T.: 0.003 min
Response: 138516611
Conc: 43.67 ng/ml



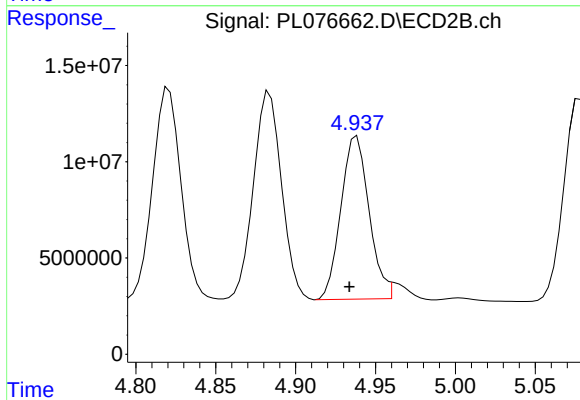
#9 Endosulfan I

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 48139006
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

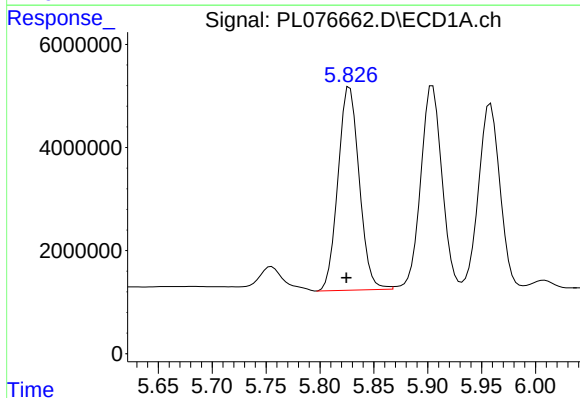
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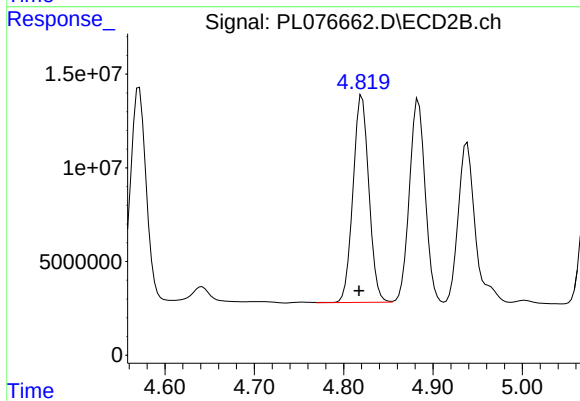
#9 Endosulfan I

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 104290679
Conc: 36.04 ng/ml m



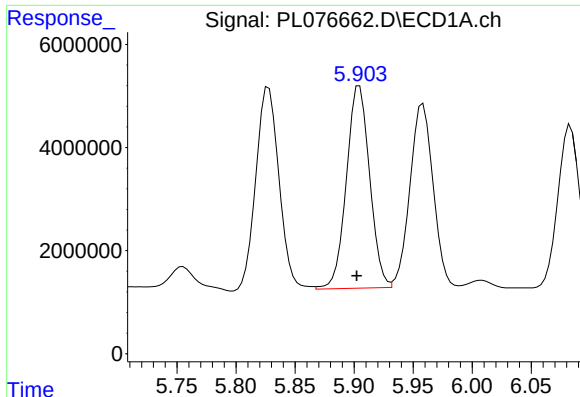
#10 gamma-Chlordane

R.T.: 5.828 min
Delta R.T.: 0.003 min
Response: 54060766
Conc: 48.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: 0.003 min
Response: 136749862
Conc: 42.73 ng/ml



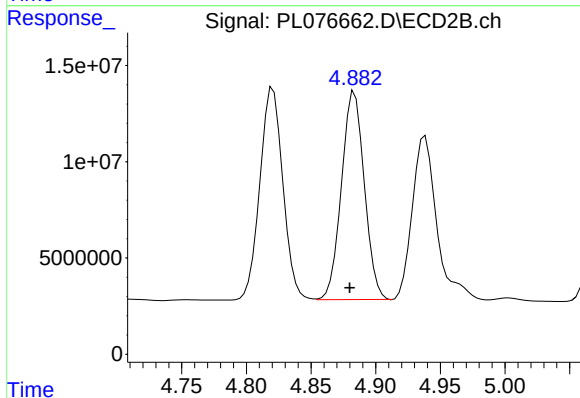
#11 alpha-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.002 min
Response: 53754800
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

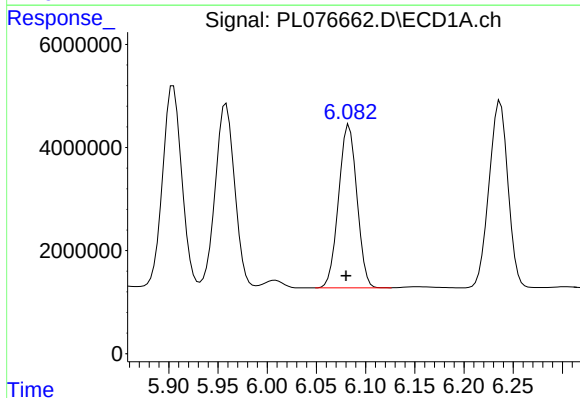
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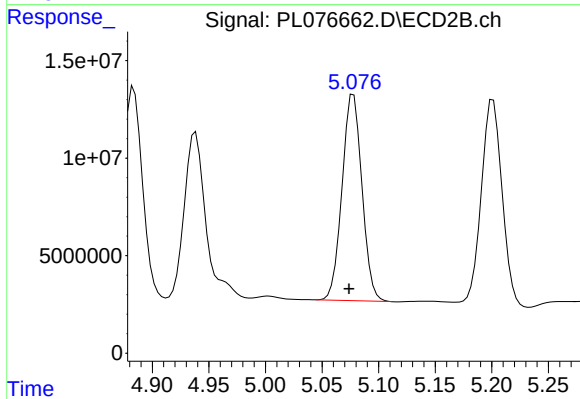
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: 0.004 min
Response: 132580508
Conc: 42.48 ng/ml



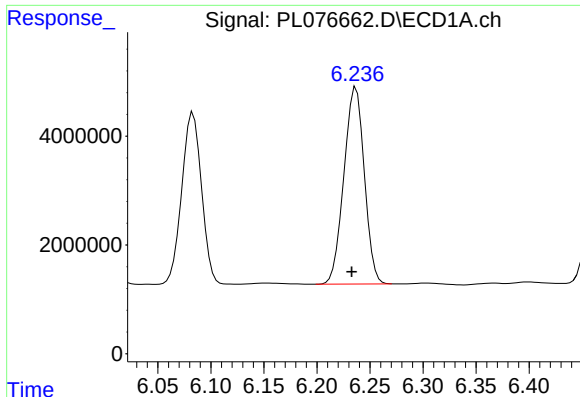
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 41065232
Conc: 41.84 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: 0.004 min
Response: 129079565
Conc: 43.43 ng/ml



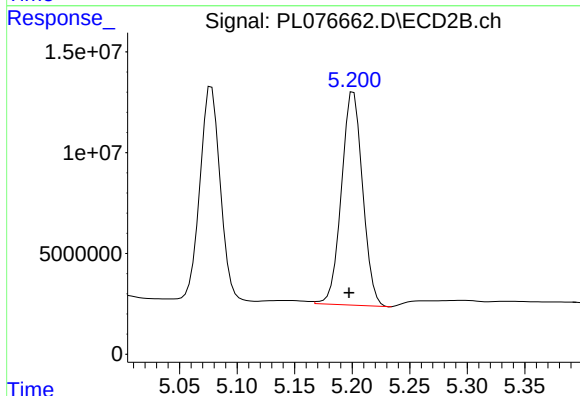
#13 Dieldrin

R.T.: 6.237 min
Delta R.T.: 0.004 min
Response: 48288971
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

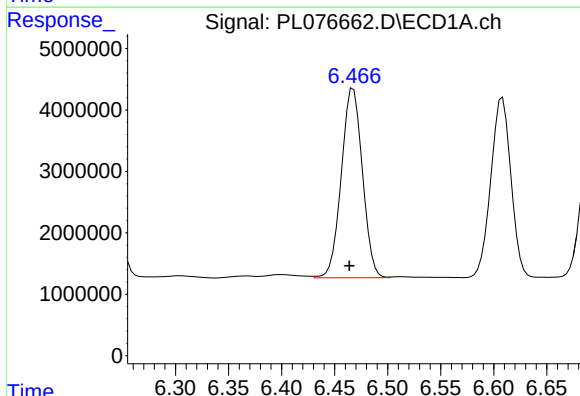
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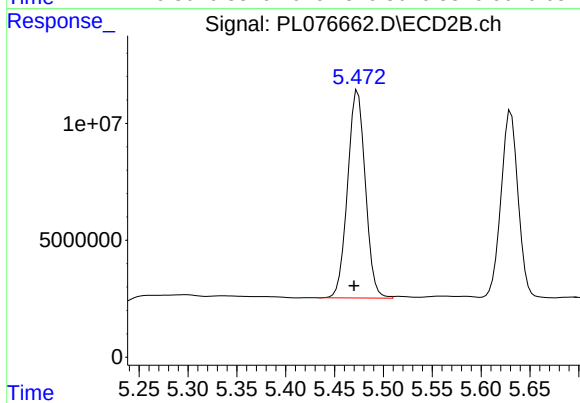
#13 Dieldrin

R.T.: 5.201 min
Delta R.T.: 0.004 min
Response: 135862408
Conc: 43.78 ng/ml



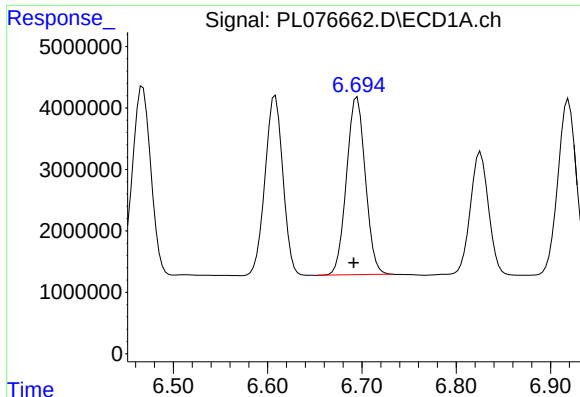
#14 Endrin

R.T.: 6.468 min
Delta R.T.: 0.004 min
Response: 42587272
Conc: 44.33 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.004 min
Response: 112338207
Conc: 44.75 ng/ml



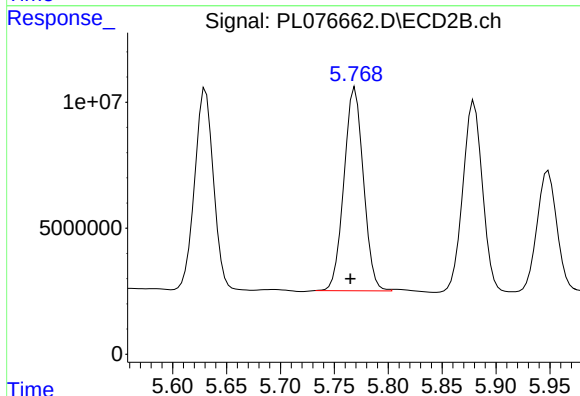
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: 0.004 min
Response: 40177778
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

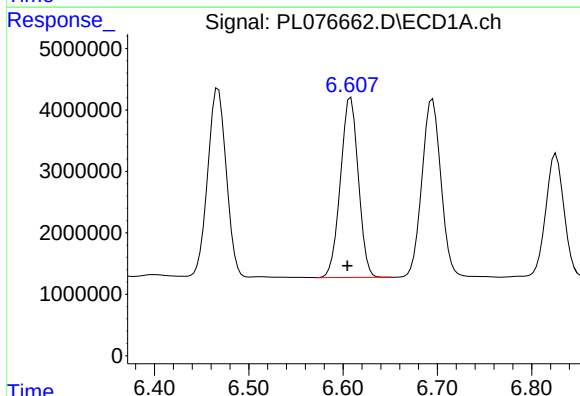
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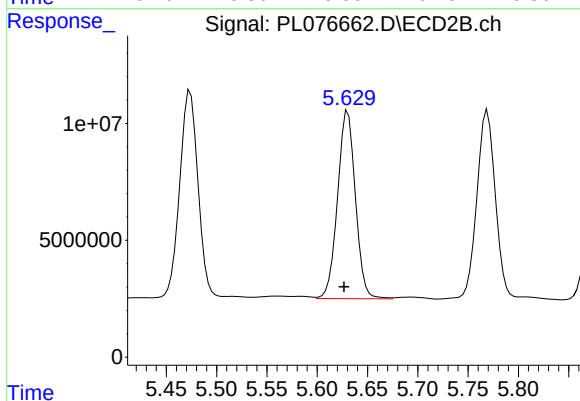
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: 0.004 min
Response: 101620901
Conc: 42.38 ng/ml



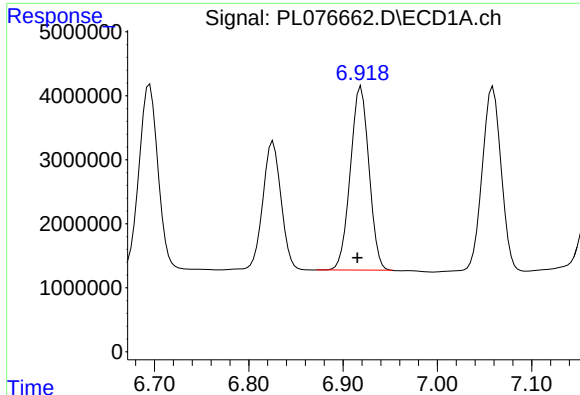
#16 4,4'-DDD

R.T.: 6.608 min
Delta R.T.: 0.004 min
Response: 38617555
Conc: 46.32 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 99127495
Conc: 41.84 ng/ml



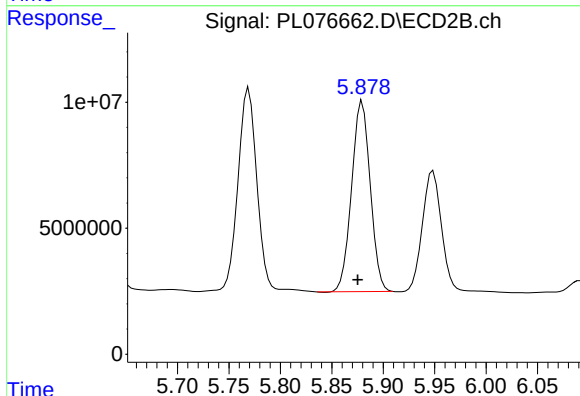
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.004 min
Response: 39468404
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

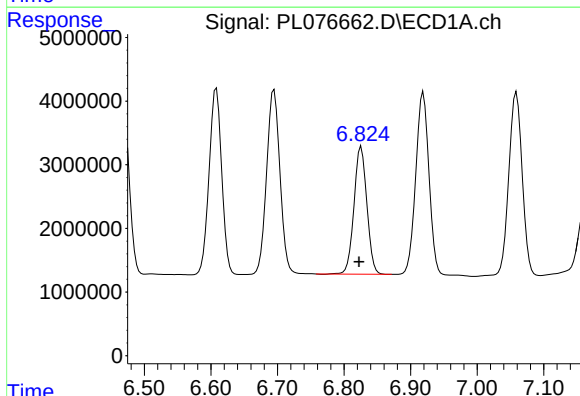
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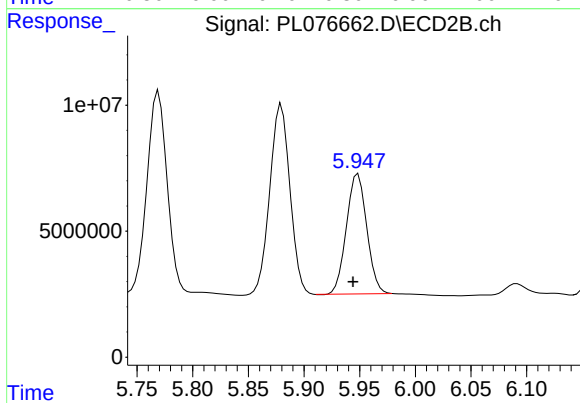
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: 0.004 min
Response: 95216522
Conc: 39.63 ng/ml



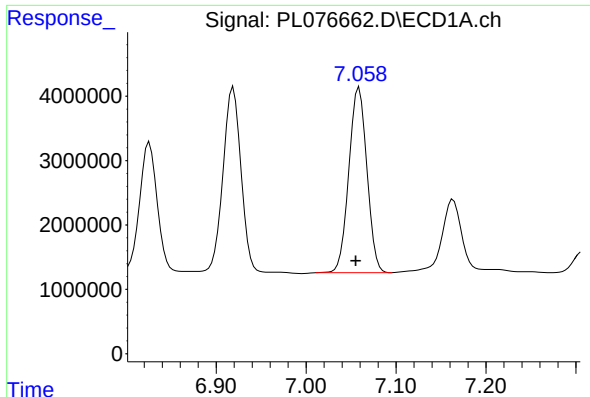
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.003 min
Response: 26909496
Conc: 36.91 ng/ml



#18 Endrin aldehyde

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 60602116
Conc: 32.17 ng/ml



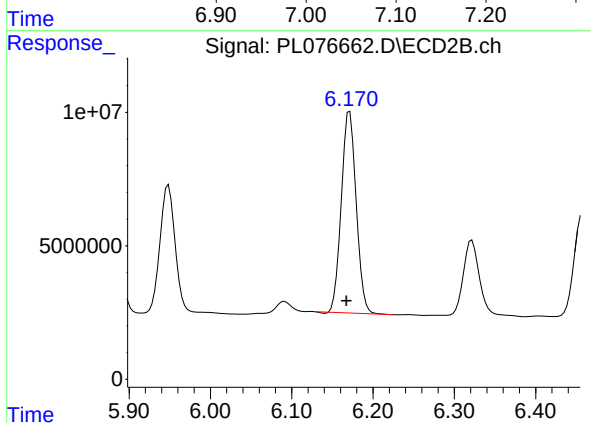
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: 0.004 min
Response: 40166691
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

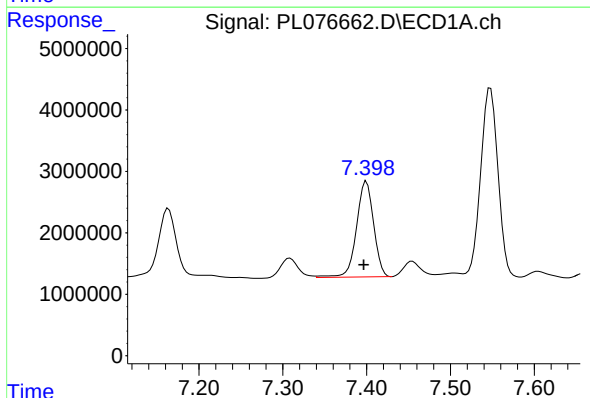
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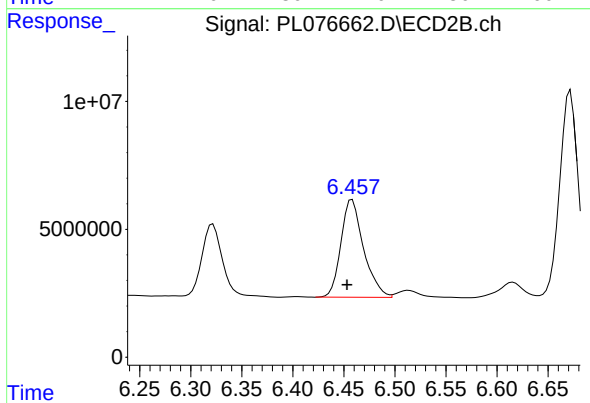
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: 0.004 min
Response: 95599978
Conc: 38.87 ng/ml



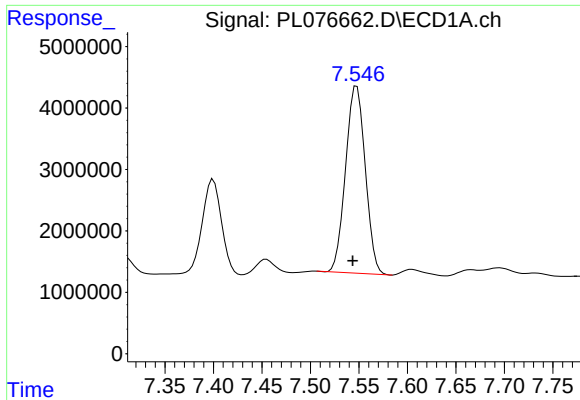
#20 Methoxychlor

R.T.: 7.400 min
Delta R.T.: 0.004 min
Response: 22150084
Conc: 43.77 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.005 min
Response: 59085157
Conc: 45.18 ng/ml



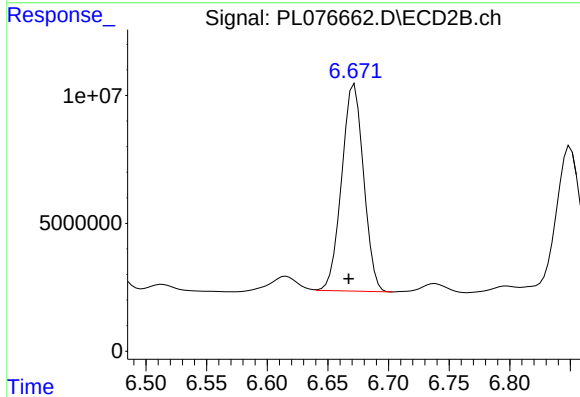
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: 0.004 min
Response: 43075745
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

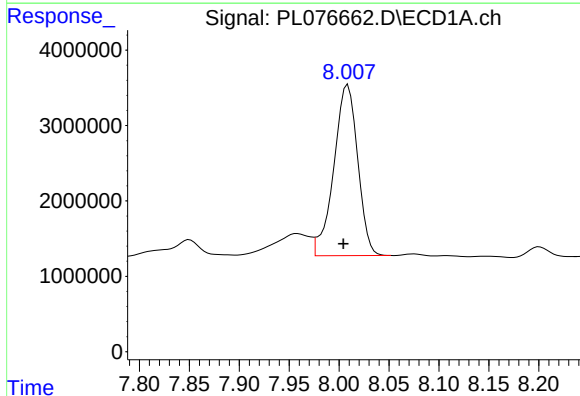
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APPROVED

Reviewed By :Abdul Mirza 07/27/2022
Supervised By :Ankita Jodhani 07/27/2022



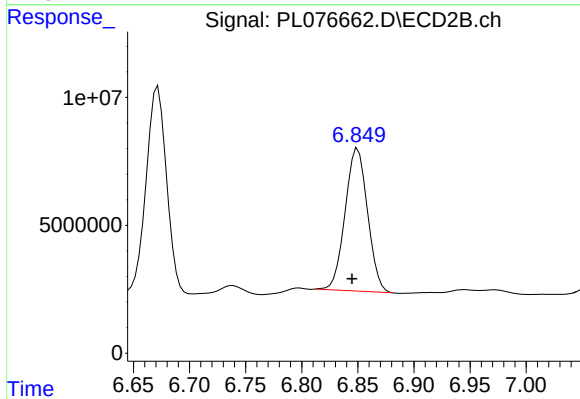
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: 0.003 min
Response: 101600277
Conc: 37.43 ng/ml m



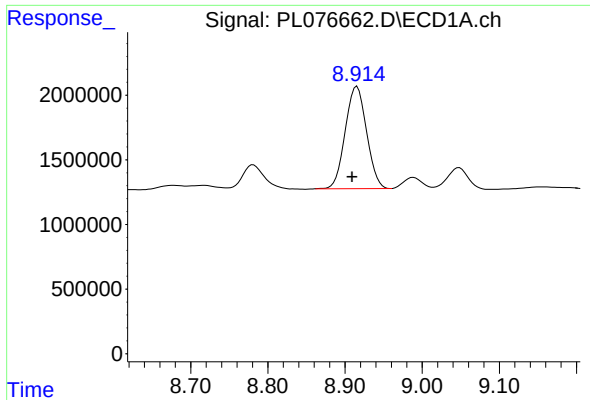
#22 Mirex

R.T.: 8.009 min
Delta R.T.: 0.005 min
Response: 37841211
Conc: 48.92 ng/ml



#22 Mirex

R.T.: 6.850 min
Delta R.T.: 0.005 min
Response: 77392215
Conc: 38.59 ng/ml



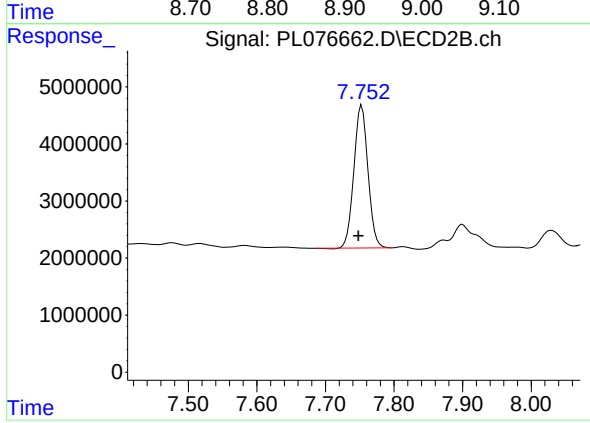
#28 Decachlorobiphenyl

R.T.: 8.915 min
Delta R.T.: 0.006 min
Response: 15186411
Conc: 17.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-DE-3(10-15)MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: 0.005 min
Response: 35629307
Conc: 13.88 ng/ml