

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090122\
 Data File : PL077454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2022 17:55
 Operator : AR\AJ
 Sample : PB147409BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147409BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 01:15:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.417	2.630	23168606	48490553	17.027	15.778
28)	SA Decachlor...	8.906	7.730	21365323	40067386	18.232	14.359
Target Compounds							
2)	A alpha-BHC	3.882	3.123	102.8E6	217.3E6	55.490	49.757
3)	MA gamma-BHC...	4.217	3.447	95645417	198.6E6	54.639	50.845
4)	MA Heptachlor	4.794	3.779	95434447	193.0E6	55.150	49.509
5)	MB Aldrin	5.133	4.053	85154453	183.3E6	54.253	49.536
6)	B beta-BHC	4.430	3.746	40274486	81653223	54.196	49.512
7)	B delta-BHC	4.674	3.969	86538818	196.3E6	56.007	49.296
8)	B Heptachlo...	5.566	4.553	77681264	166.4E6	57.718	50.146
9)	A Endosulfan I	5.952	4.918	69423910	154.8E6	52.720	50.155
10)	B gamma-Chl...	5.822	4.802	74897365	166.1E6	53.410	49.678
11)	B alpha-Chl...	5.899	4.864	74023682	162.6E6	52.622	49.660
12)	B 4,4'-DDE	6.079	5.059	68734193	162.4E6	52.948	50.272
13)	MA Dieldrin	6.230	5.181	69691795	163.4E6	52.171	49.767
14)	MA Endrin	6.462	5.453	60406181	141.7E6	51.203	51.828
15)	B Endosulfa...	6.689	5.749	57290704	127.0E6	52.291	46.821
16)	A 4,4'-DDD	6.603	5.611	53881005	130.8E6	52.749	48.935
17)	MA 4,4'-DDT	6.913	5.859	57713577	124.3E6	51.666	47.181
18)	B Endrin al...	6.820	5.928	46604632	94701915	51.054	45.259
19)	B Endosulfa...	7.053	6.151	57143633	121.7E6	51.690	45.368
20)	A Methoxychlor	7.394	6.437	30476939	63444198	50.606	44.972
21)	B Endrin ke...	7.542	6.649	62130788	139.4E6	50.930	48.378m
22)	Mirex	8.001	6.827	47802787	96807073	51.958	45.198

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

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 ALS Vial : 19 Sample Multiplier: 1

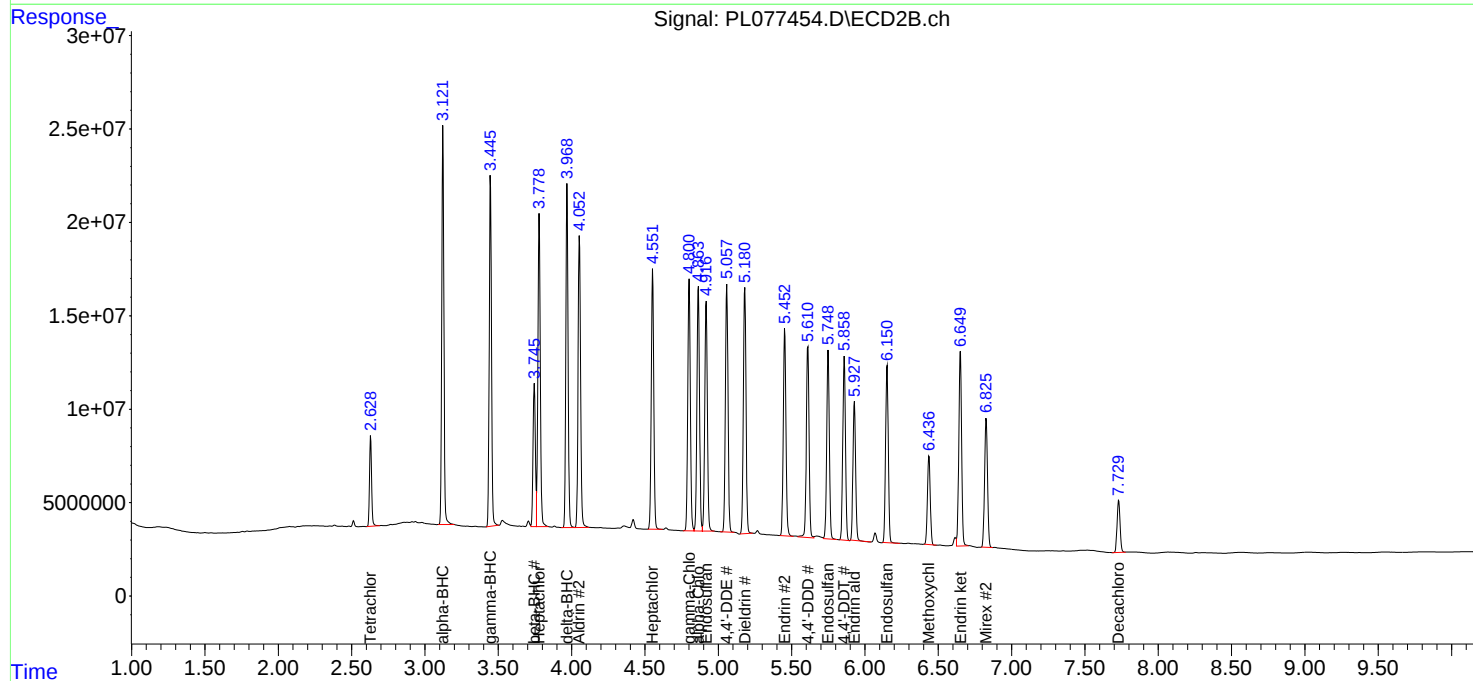
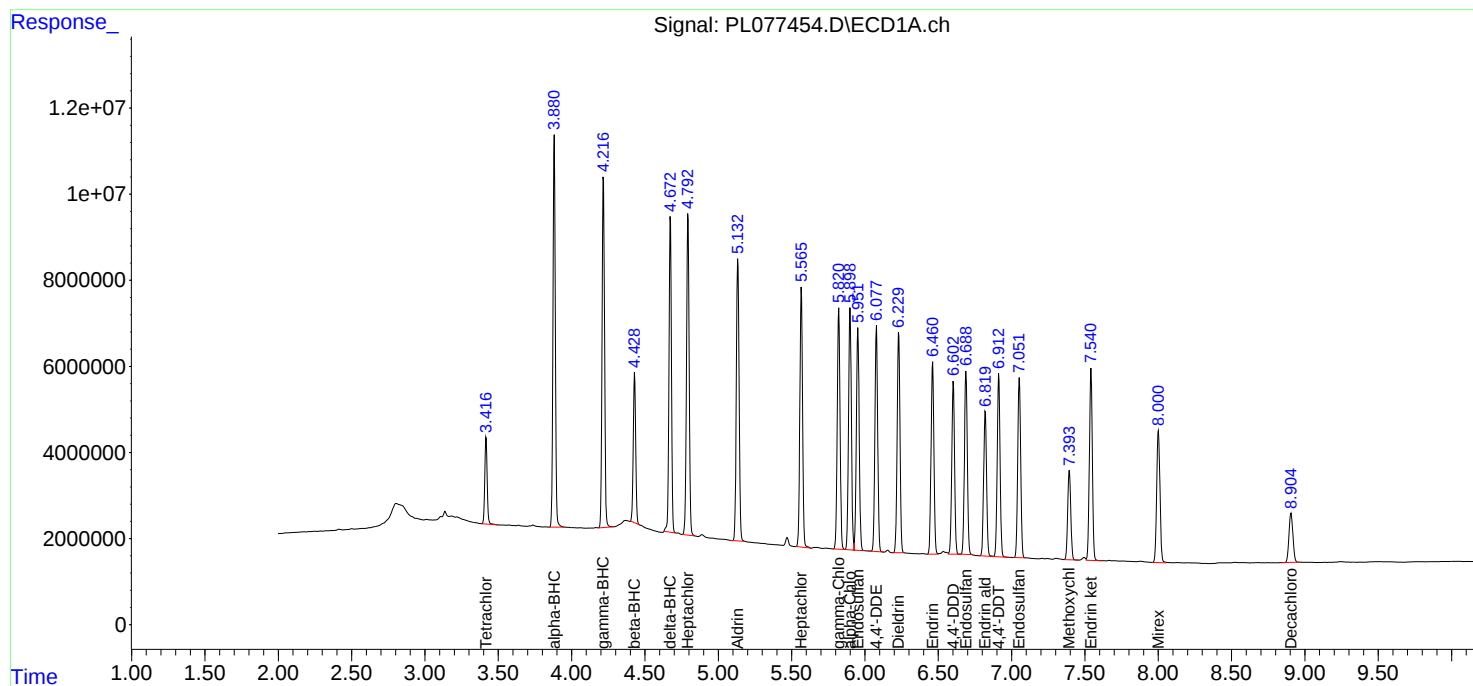
Instrument :
 ECD_L
 ClientSampleId :
 PB147409BS

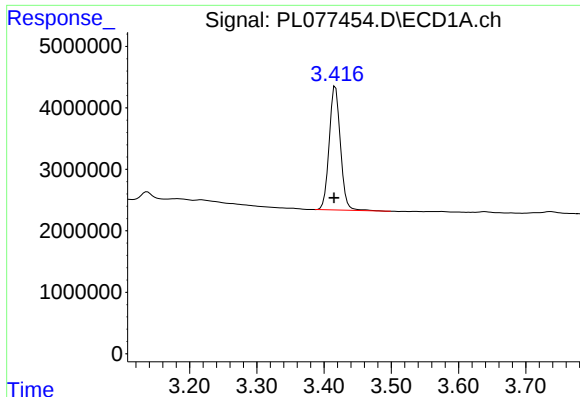
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 09/02/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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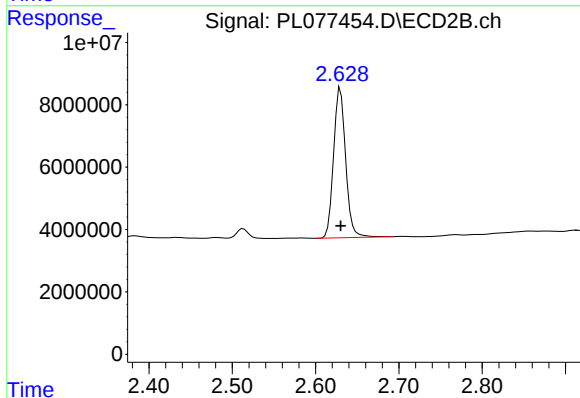
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.002 min
Response: 23168606
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

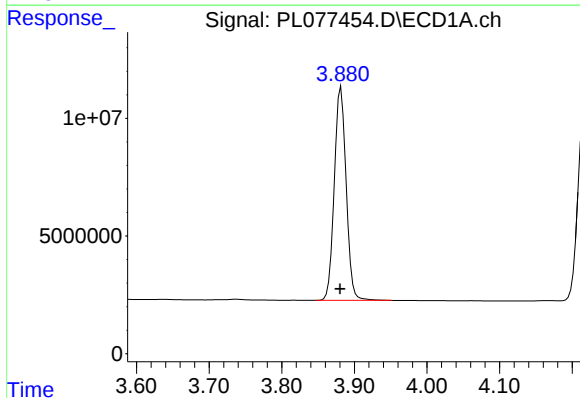
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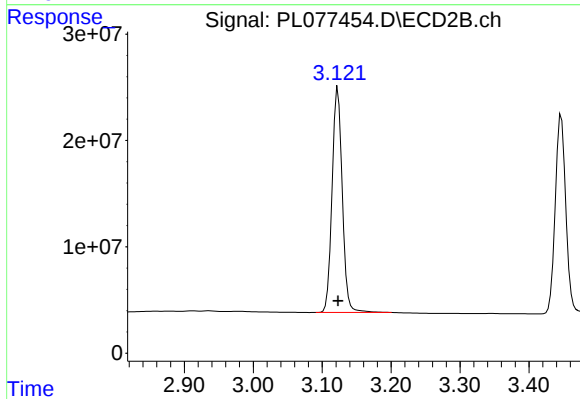
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 48490553
Conc: 15.78 ng/ml



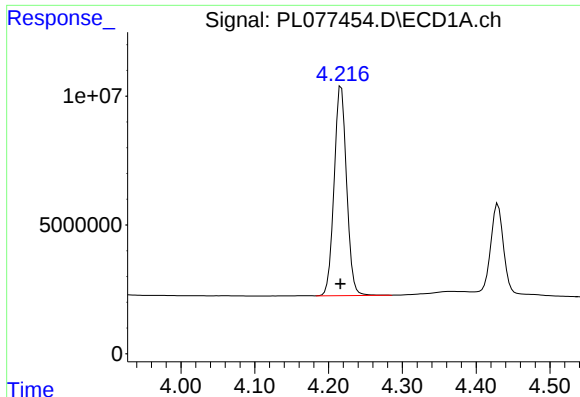
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.001 min
Response: 102795612
Conc: 55.49 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 217263174
Conc: 49.76 ng/ml



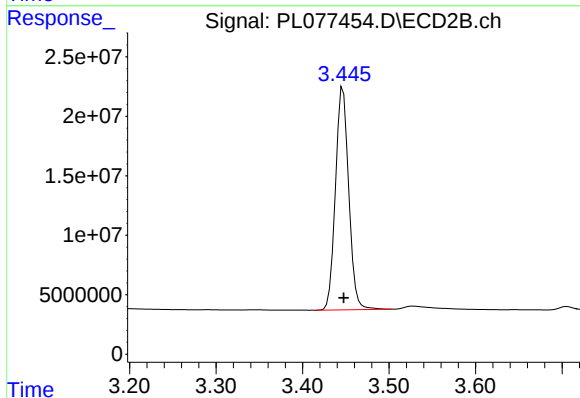
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.001 min
Response: 95645417
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

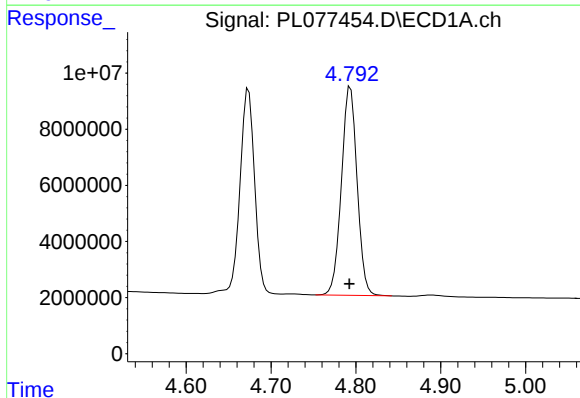
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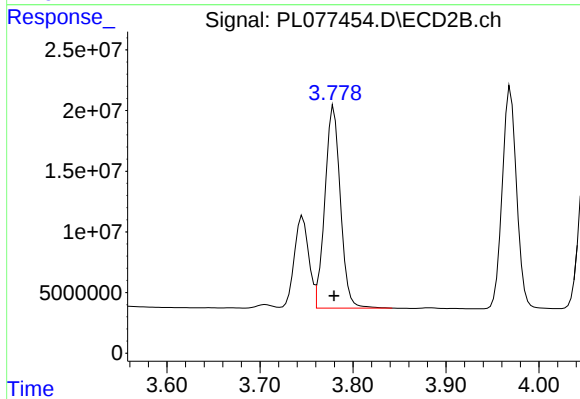
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 198630103
Conc: 50.85 ng/ml



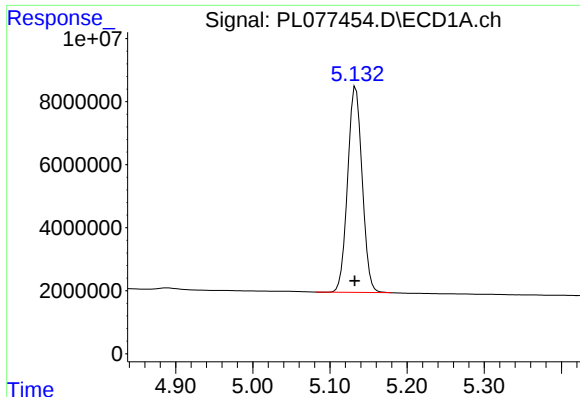
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.001 min
Response: 95434447
Conc: 55.15 ng/ml



#4 Heptachlor

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 193008005
Conc: 49.51 ng/ml



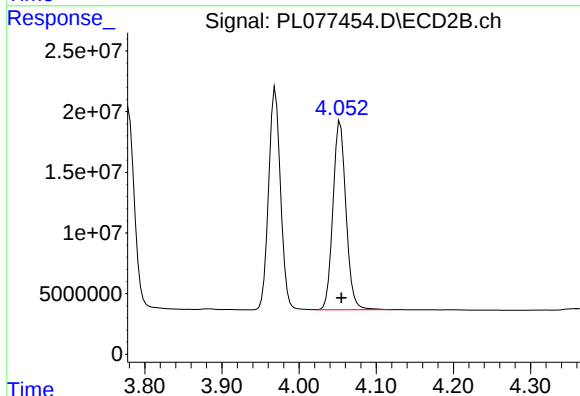
#5 Aldrin

R.T.: 5.133 min
Delta R.T.: 0.001 min
Response: 85154453
Conc: 54.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

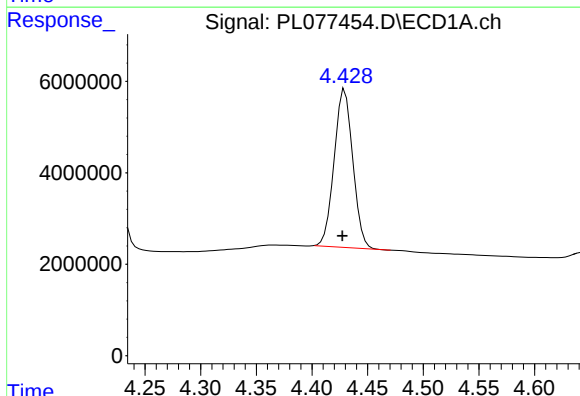
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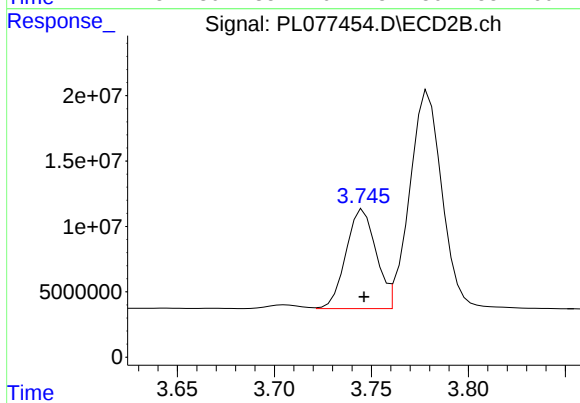
#5 Aldrin

R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 183337803
Conc: 49.54 ng/ml



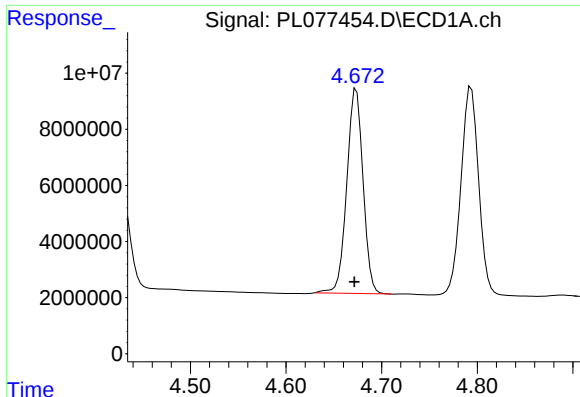
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.002 min
Response: 40274486
Conc: 54.20 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 81653223
Conc: 49.51 ng/ml



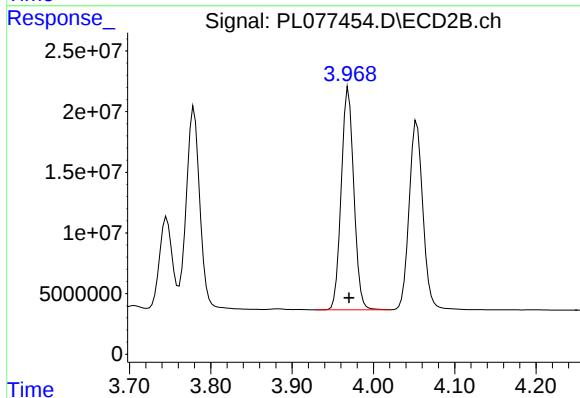
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 86538818
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

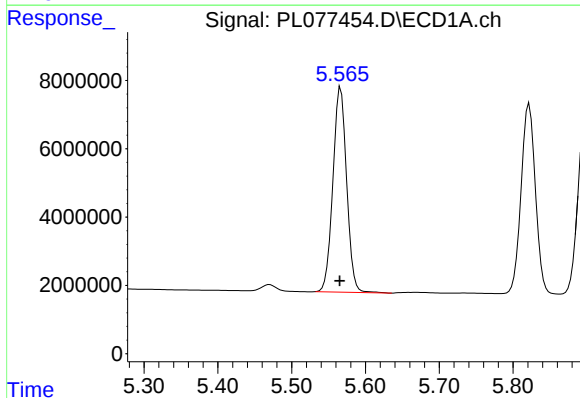
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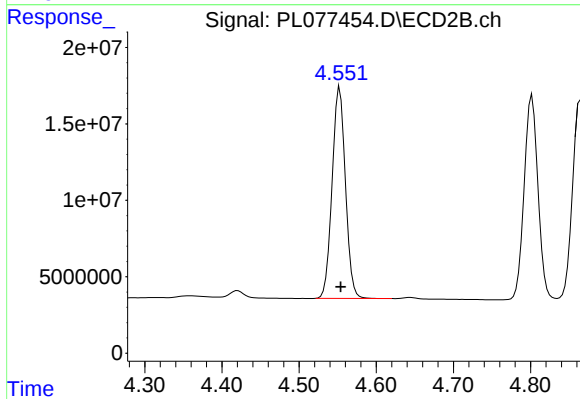
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 196283679
Conc: 49.30 ng/ml



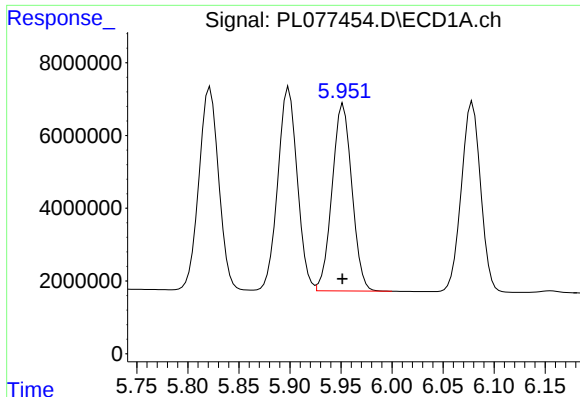
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.002 min
Response: 77681264
Conc: 57.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 166424384
Conc: 50.15 ng/ml



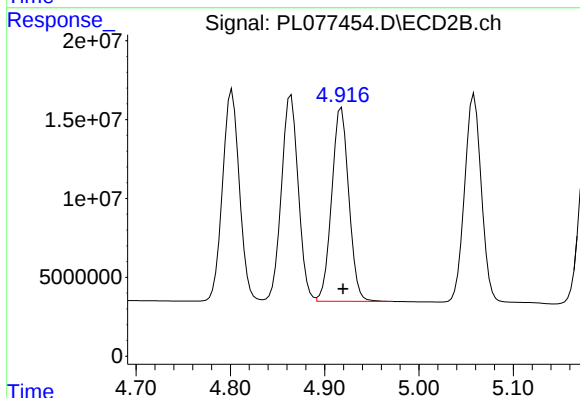
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 69423910
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

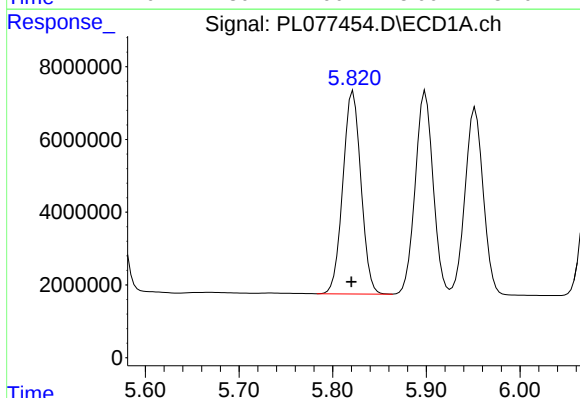
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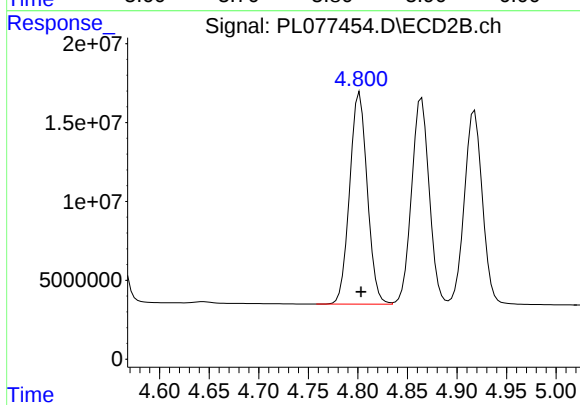
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 154811607
Conc: 50.15 ng/ml



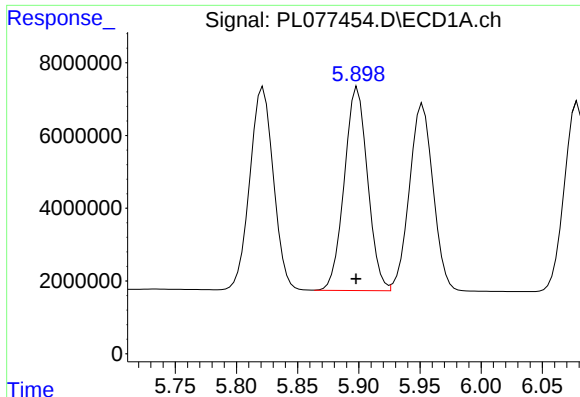
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 74897365
Conc: 53.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 166090357
Conc: 49.68 ng/ml



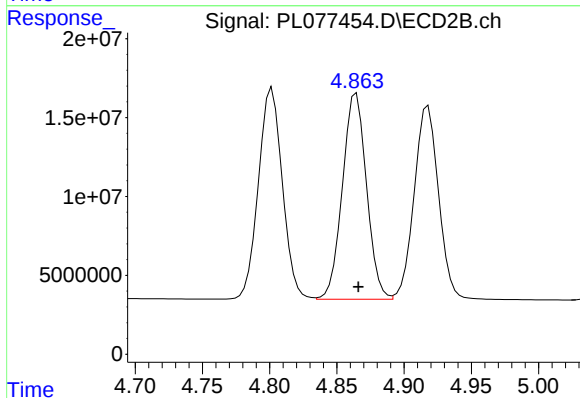
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 74023682
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

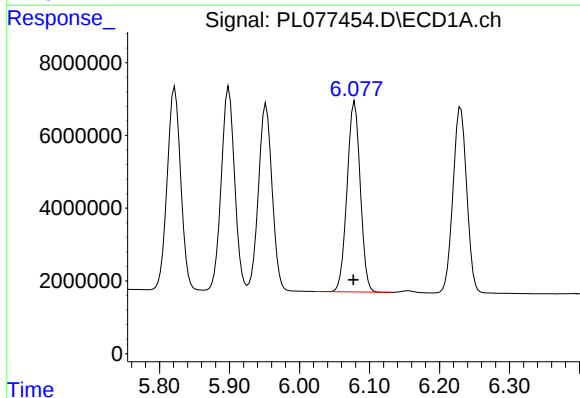
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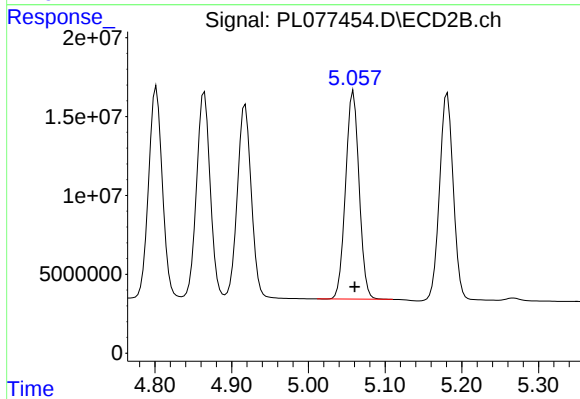
#11 alpha-Chlordane

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 162566678
Conc: 49.66 ng/ml



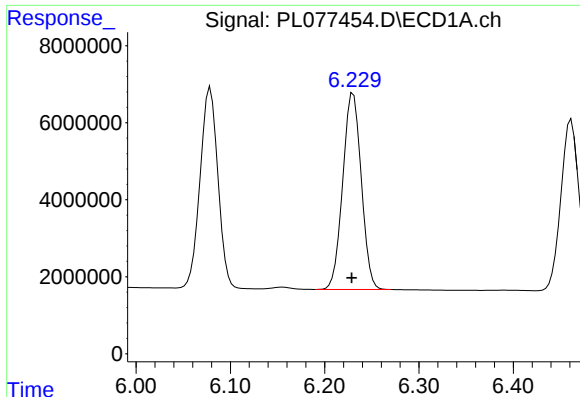
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 68734193
Conc: 52.95 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 162379188
Conc: 50.27 ng/ml



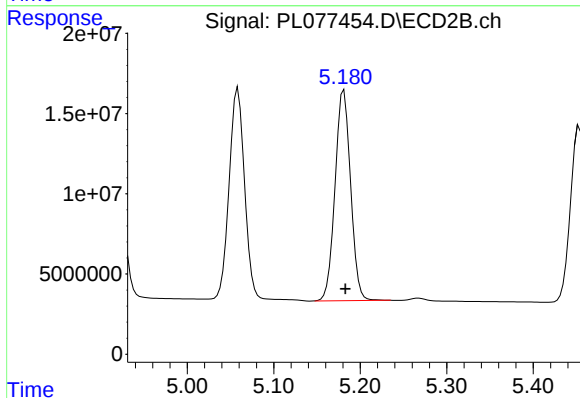
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 69691795
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

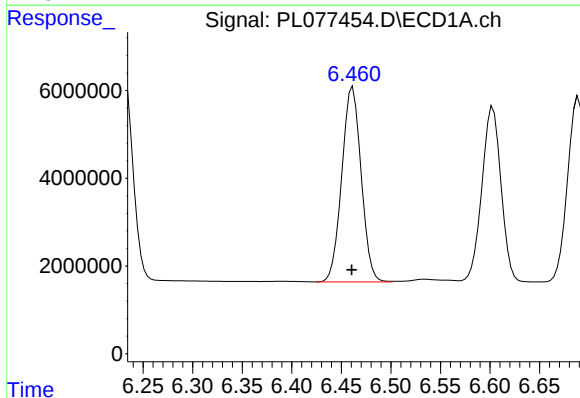
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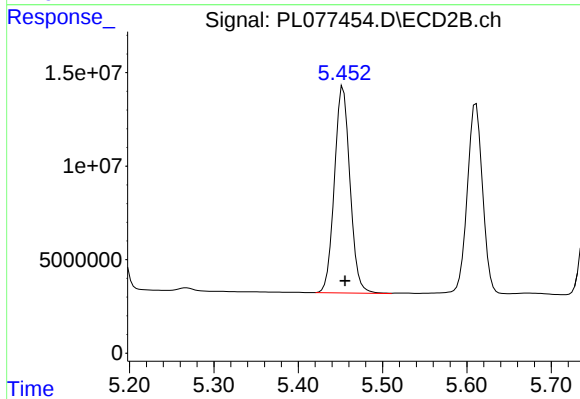
#13 Dieldrin

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 163424862
Conc: 49.77 ng/ml



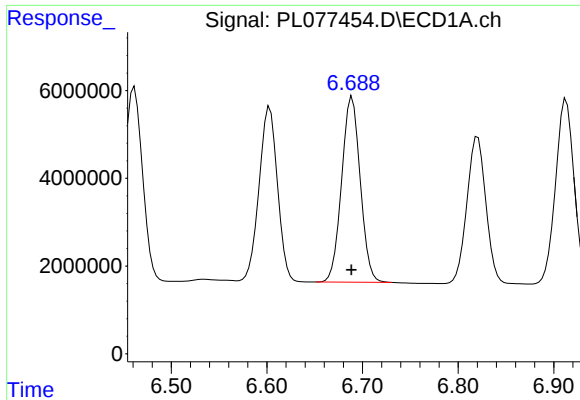
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.001 min
Response: 60406181
Conc: 51.20 ng/ml



#14 Endrin

R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 141691970
Conc: 51.83 ng/ml



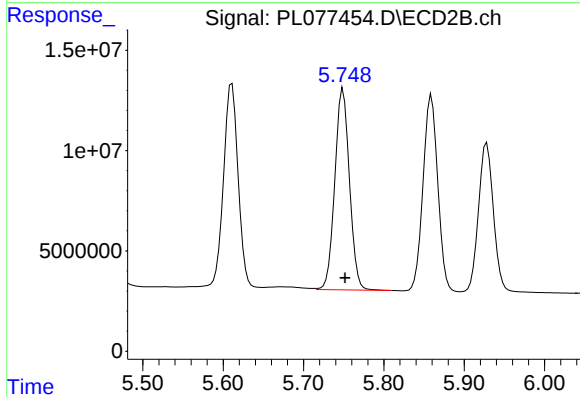
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 57290704
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

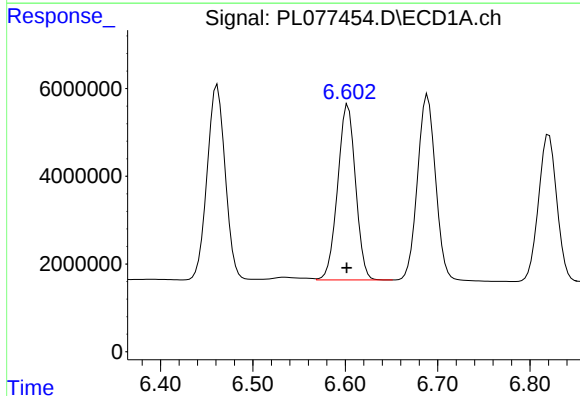
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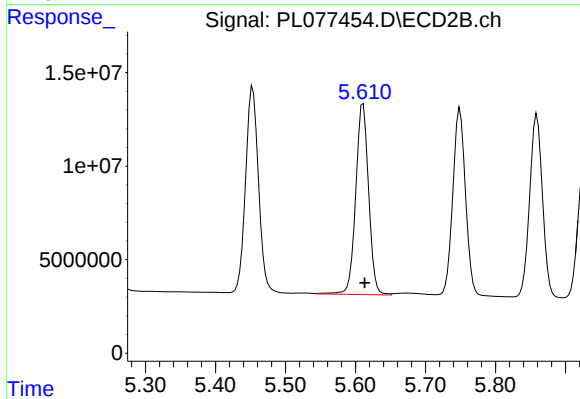
#15 Endosulfan II

R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 126980845
Conc: 46.82 ng/ml



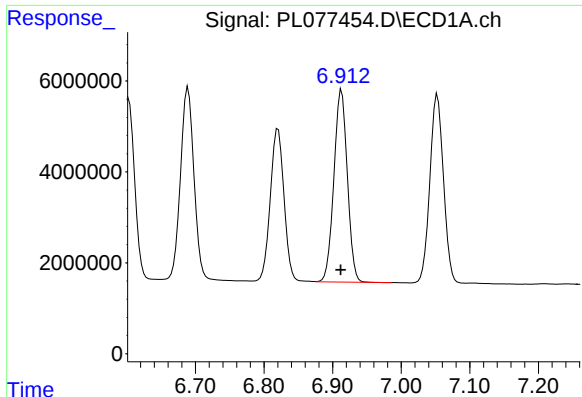
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 53881005
Conc: 52.75 ng/ml



#16 4,4'-DDD

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 130843349
Conc: 48.93 ng/ml



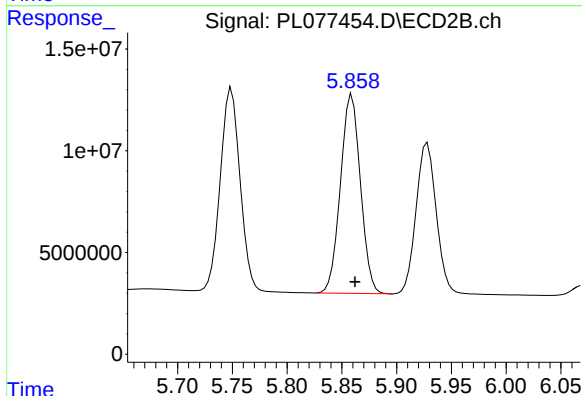
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 57713577
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

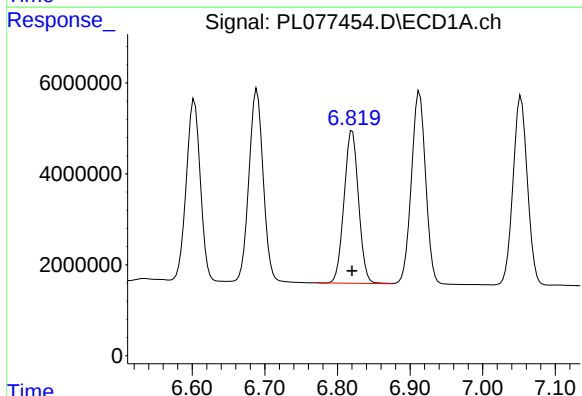
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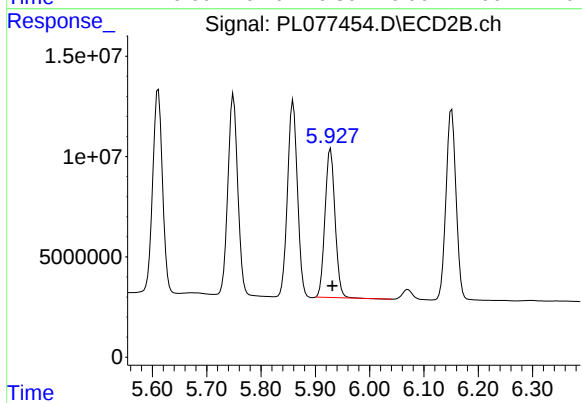
#17 4,4'-DDT

R.T.: 5.859 min
Delta R.T.: -0.003 min
Response: 124282422
Conc: 47.18 ng/ml



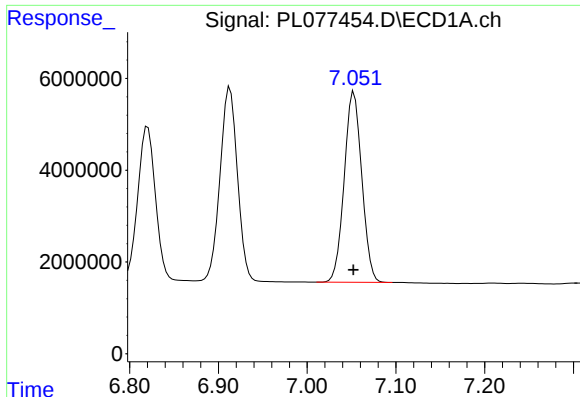
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 46604632
Conc: 51.05 ng/ml



#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 94701915
Conc: 45.26 ng/ml



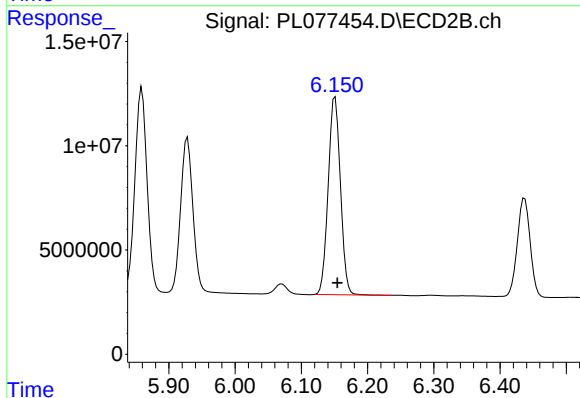
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: 0.000 min
Response: 57143633
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

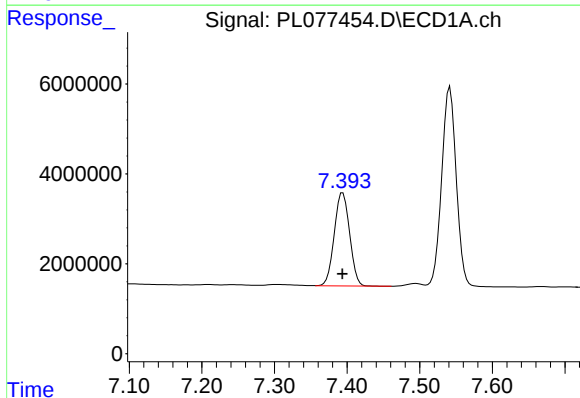
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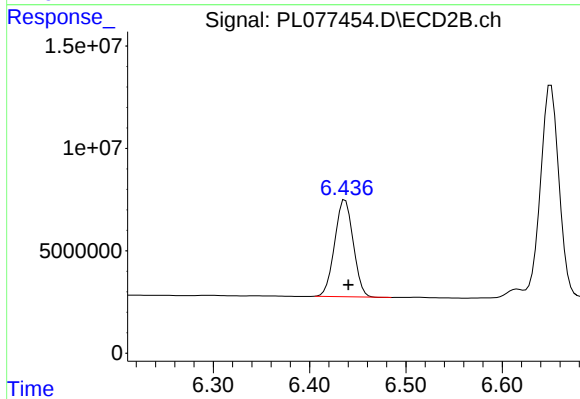
#19 Endosulfan Sulfate

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 121697503
Conc: 45.37 ng/ml



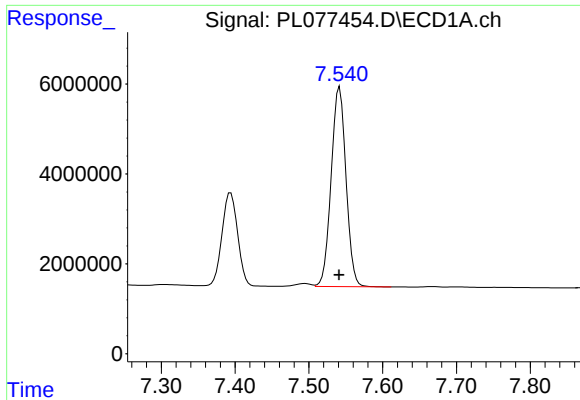
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 30476939
Conc: 50.61 ng/ml



#20 Methoxychlor

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 63444198
Conc: 44.97 ng/ml



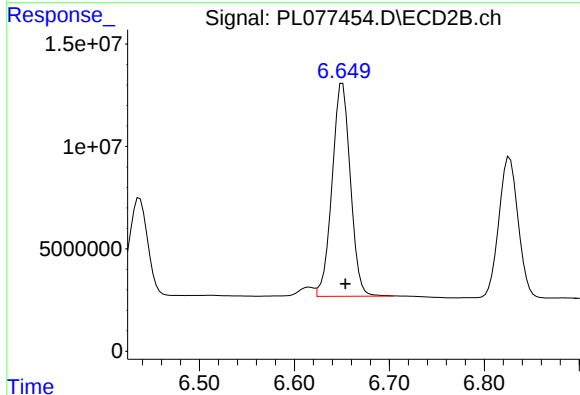
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 62130788
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

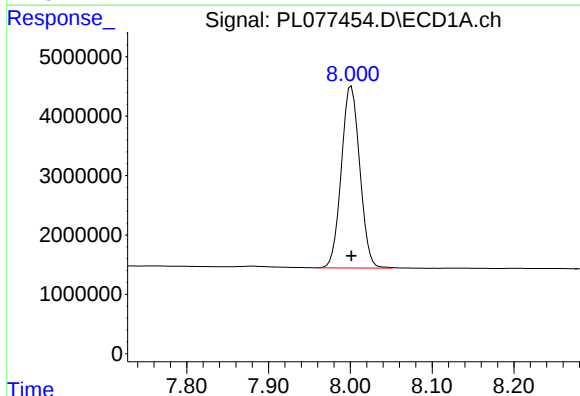
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2022
Supervised By :Ankita Jodhani 09/02/2022



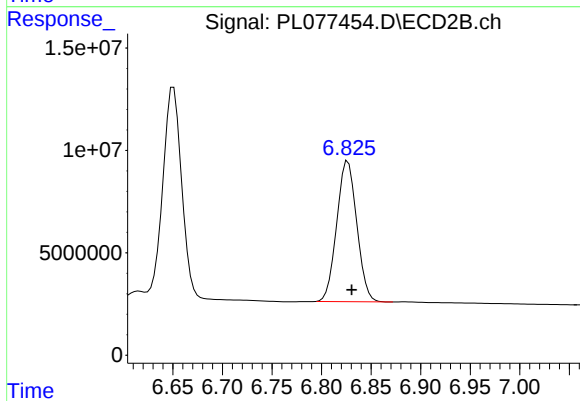
#21 Endrin ketone

R.T.: 6.649 min
Delta R.T.: -0.005 min
Response: 139368147
Conc: 48.38 ng/ml m



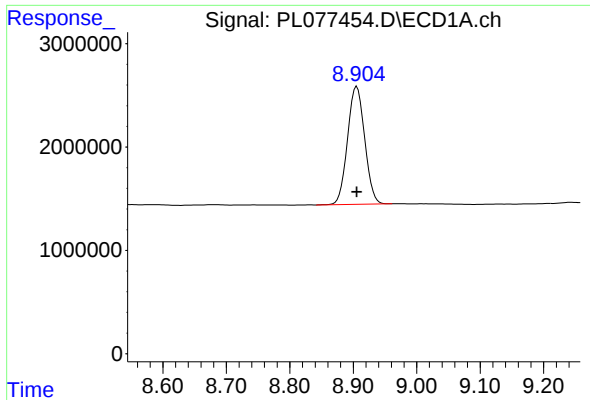
#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 47802787
Conc: 51.96 ng/ml



#22 Mirex

R.T.: 6.827 min
Delta R.T.: -0.004 min
Response: 96807073
Conc: 45.20 ng/ml



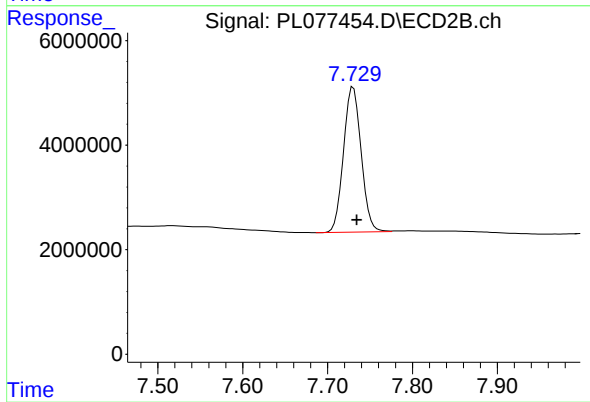
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 21365323
Conc: 18.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147409BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 40067386
Conc: 14.36 ng/ml