

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
 Data File : PL088247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2024 10:09
 Operator : AR\AJ
 Sample : PB159218BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB159218BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:20:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.635	2.853	59855829	29132072	21.792	20.771
2) SA Decachlor...	9.308	8.087	49218543	30013121	25.556	23.571
Target Compounds						
2) A alpha-BHC	4.100	3.368	203.1E6	100.2E6	48.654	48.777
3) MA gamma-BHC...	4.438	3.705	195.1E6	94866789	48.168	47.373
4) MA Heptachlor	5.040	4.054	198.6E6	94485149	51.598	51.865
5) MB Aldrin	5.386	4.339	184.0E6	92272434	48.183	47.576
6) B beta-BHC	4.636	4.007	87336024	42036579	50.146	47.228
7) B delta-BHC	4.888	4.242	190.3E6	91278815	50.023	45.759
8) B Heptachlo...	5.818	4.851	169.1E6	84383306	48.276	48.643
9) A Endosulfan I	6.209	5.227	151.3E6	78450908	48.338	48.756
10) B gamma-Chl...	6.078	5.105	166.8E6	87884407	49.075	49.268
11) B alpha-Chl...	6.159	5.170	165.6E6	87409060	48.523	49.066
12) B 4,4'-DDE	6.333	5.363	147.3E6	79190593	48.554	49.824
13) MA Dieldrin	6.489	5.496	159.4E6	85377340	48.468	49.484
14) MA Endrin	6.721	5.775	134.8E6	76616202	51.815	51.244
15) B Endosulfa...	6.942	6.073	138.0E6	75082168	48.182	49.285
16) A 4,4'-DDD	6.856	5.926	123.3E6	66869349	47.553	48.945
17) MA 4,4'-DDT	7.174	6.181	133.2E6	72409681	50.655	53.038
18) B Endrin al...	7.073	6.256	106.4E6	57953076	51.446	53.062
19) B Endosulfa...	7.310	6.482	132.2E6	72287913	50.746	51.471
20) A Methoxychlor	7.655	6.765	70615537	40984078	53.347	52.292
21) B Endrin ke...	7.802	6.994	141.4E6	84651404	50.473	50.562
22) Mirex	8.285	7.180	111.0E6	68409454	47.896	52.216m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
Data File : PL088247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Feb 2024 10:09
Operator : AR\AJ
Sample : PB159218BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

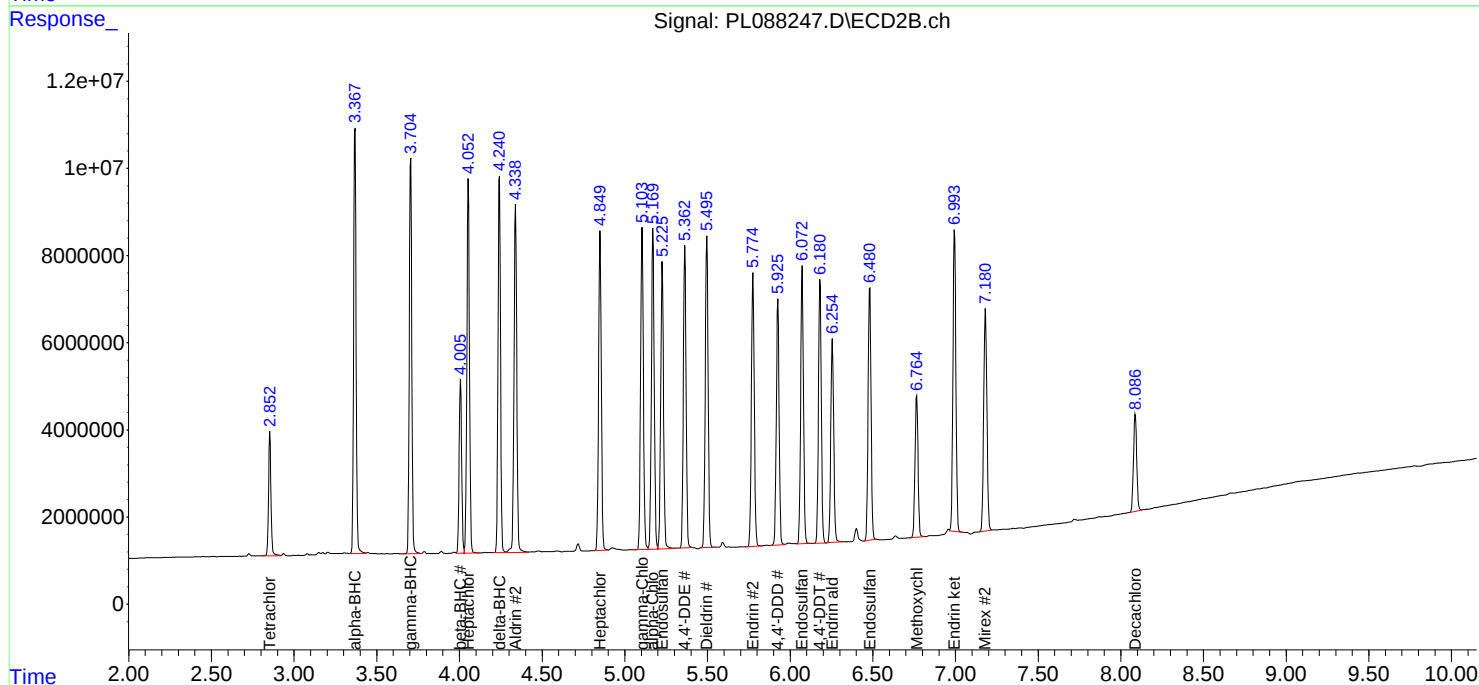
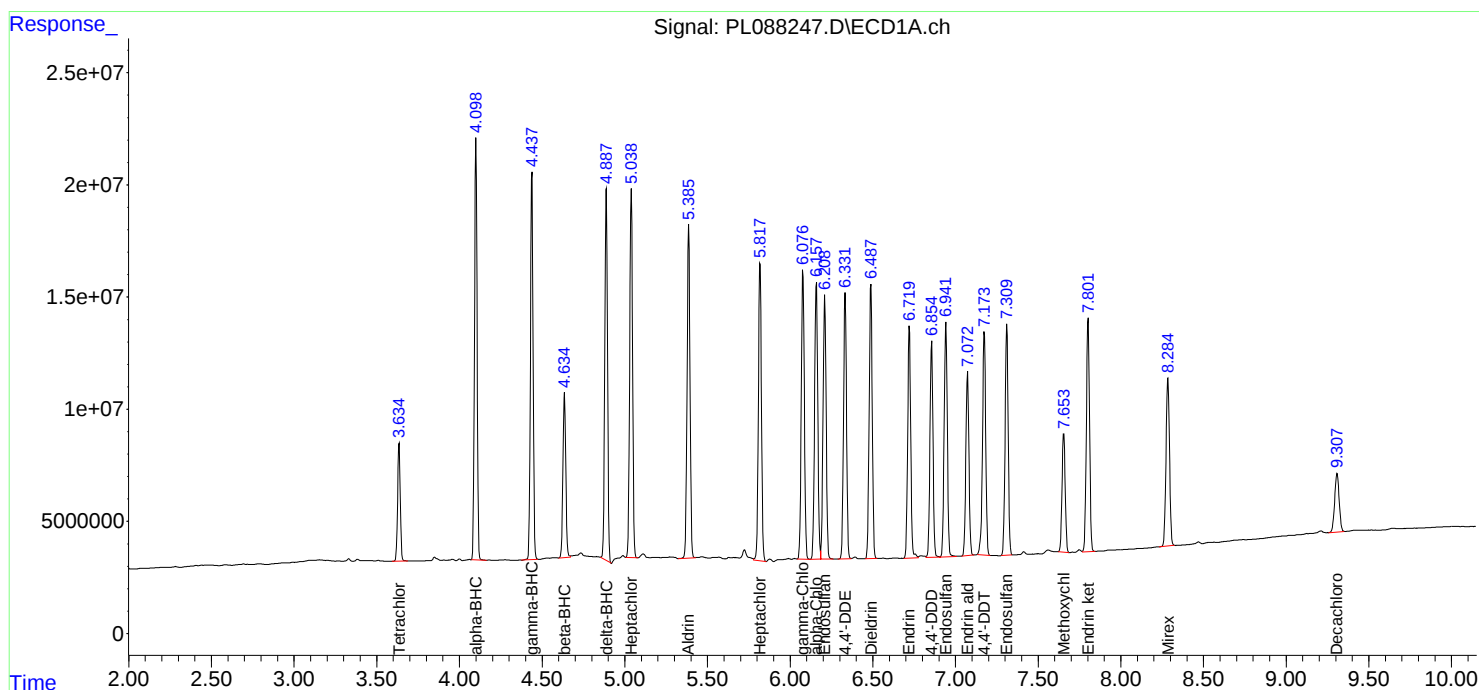
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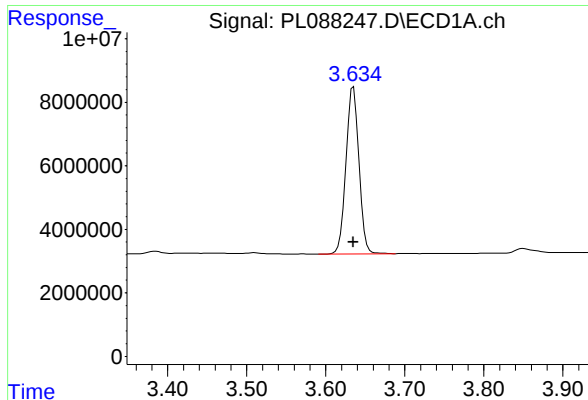
Reviewed By :Abdul Mirza 02/26/2024

Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 24 00:20:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
Response via : Initial Calibration
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





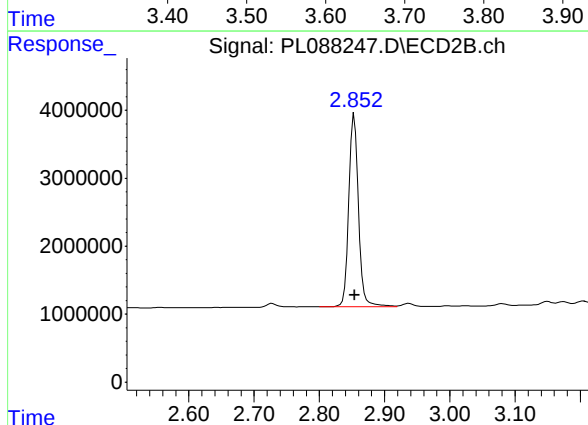
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 59855829
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

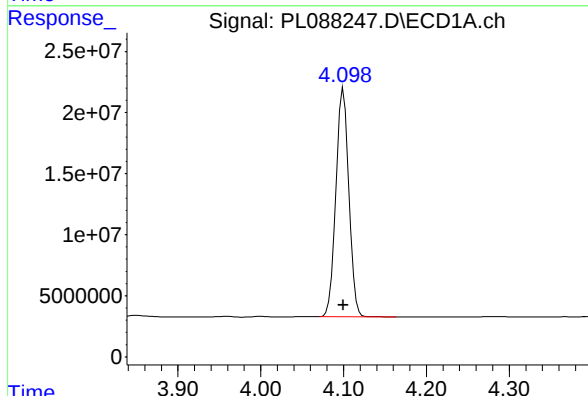
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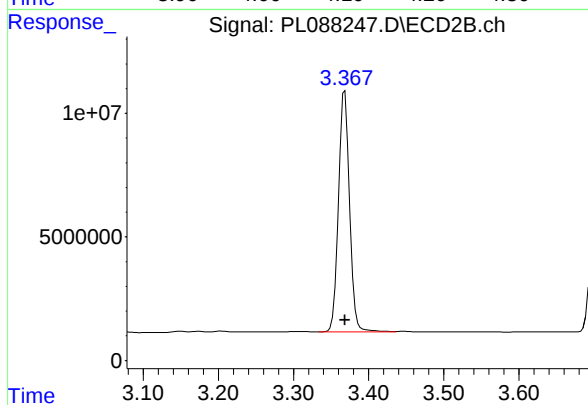
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 29132072
Conc: 20.77 ng/ml



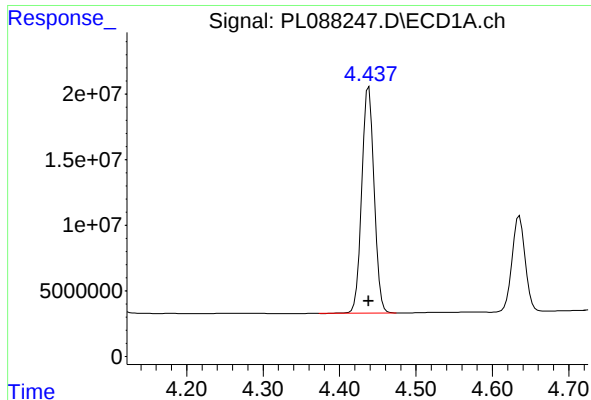
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 203094524
Conc: 48.65 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 100228658
Conc: 48.78 ng/ml



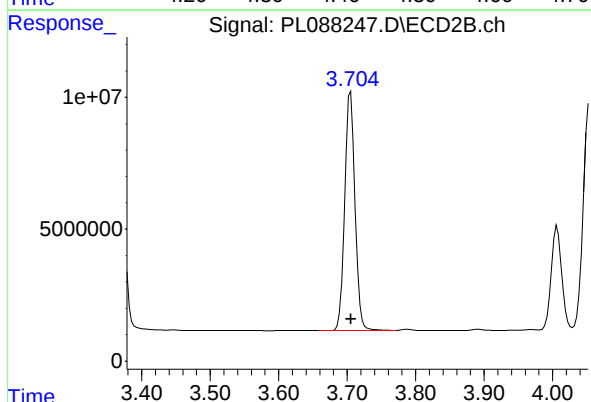
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 195058384
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

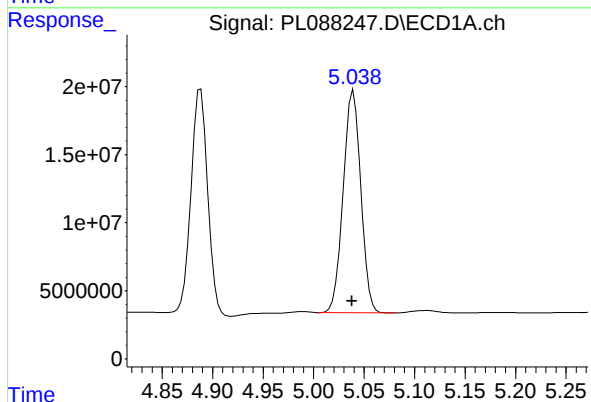
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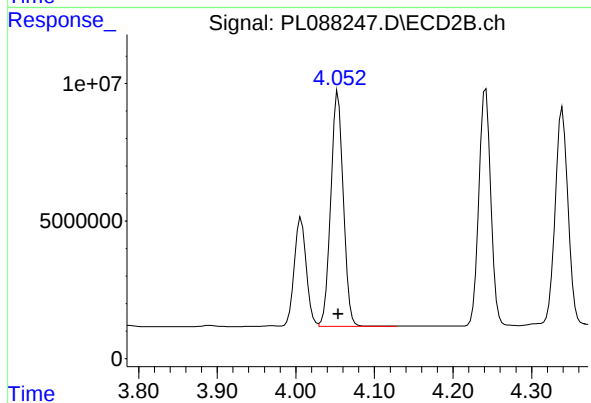
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 94866789
Conc: 47.37 ng/ml



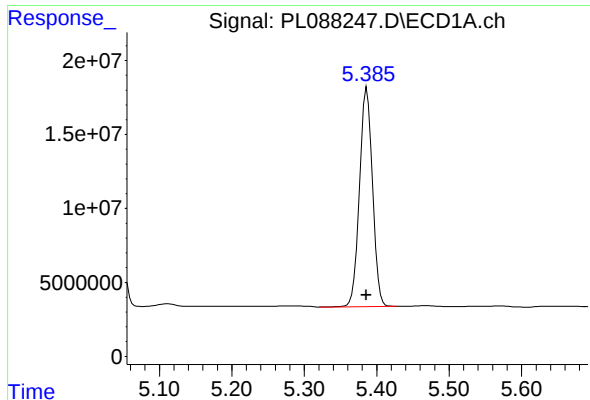
#4 Heptachlor

R.T.: 5.040 min
Delta R.T.: 0.002 min
Response: 198561637
Conc: 51.60 ng/ml



#4 Heptachlor

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 94485149
Conc: 51.86 ng/ml



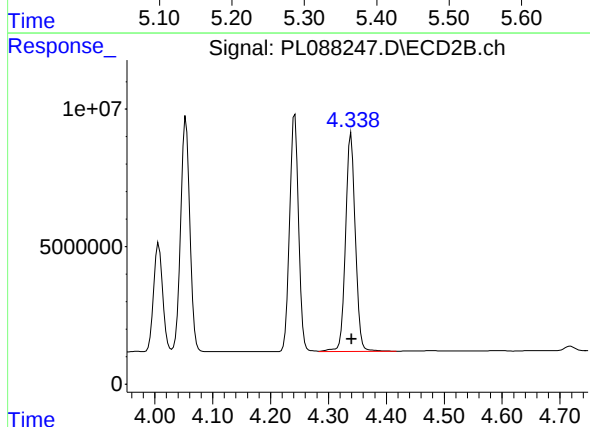
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 183978161
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

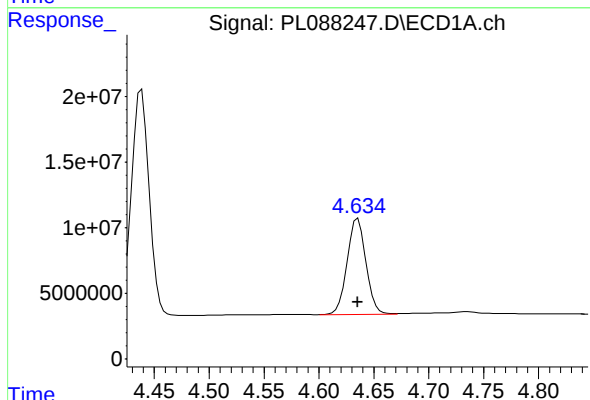
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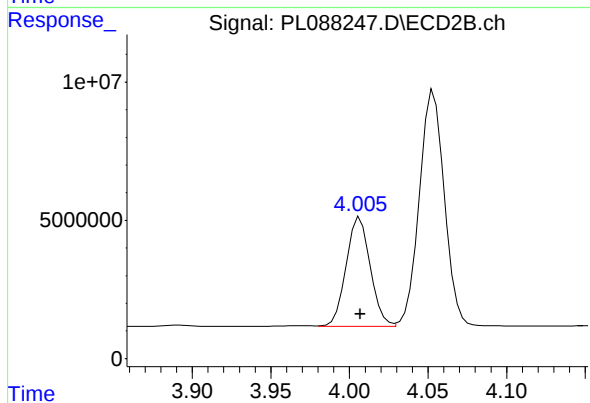
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 92272434
Conc: 47.58 ng/ml



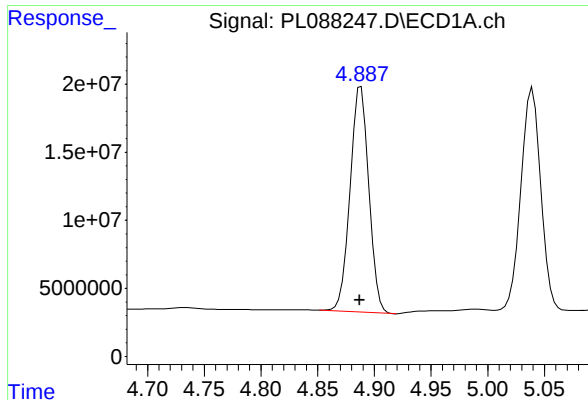
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 87336024
Conc: 50.15 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 42036579
Conc: 47.23 ng/ml



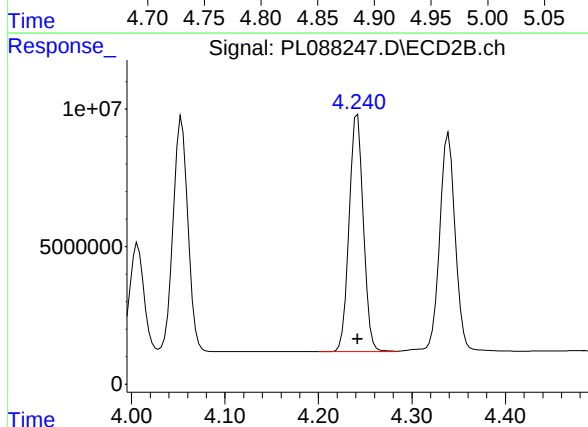
#7 delta-BHC

R.T.: 4.888 min
Delta R.T.: 0.001 min
Response: 190323482
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

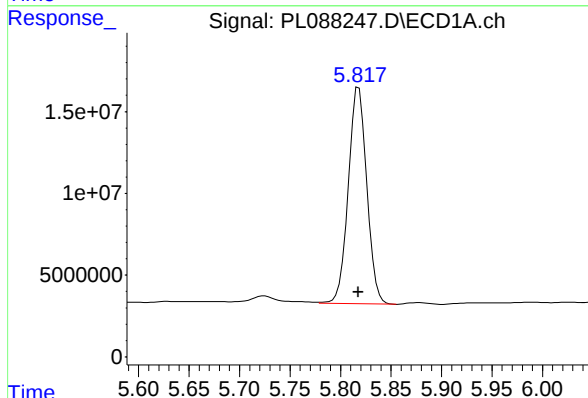
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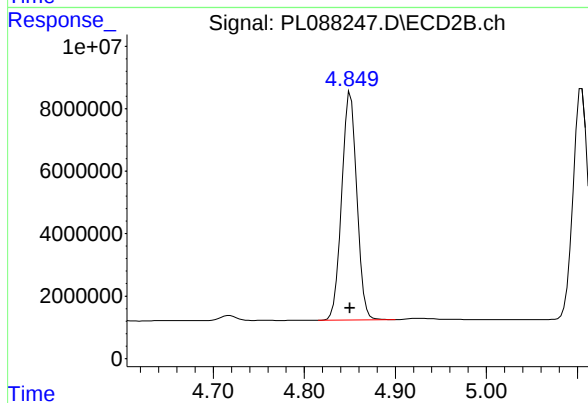
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 91278815
Conc: 45.76 ng/ml



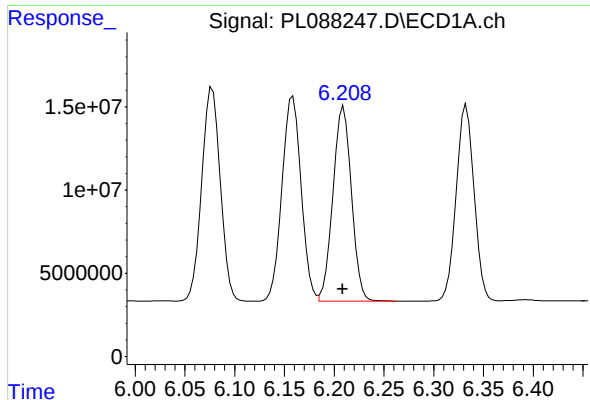
#8 Heptachlor epoxide

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 169140407
Conc: 48.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 84383306
Conc: 48.64 ng/ml



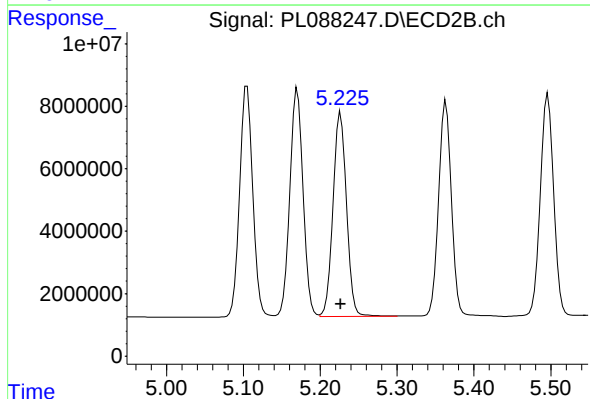
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 151292464
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

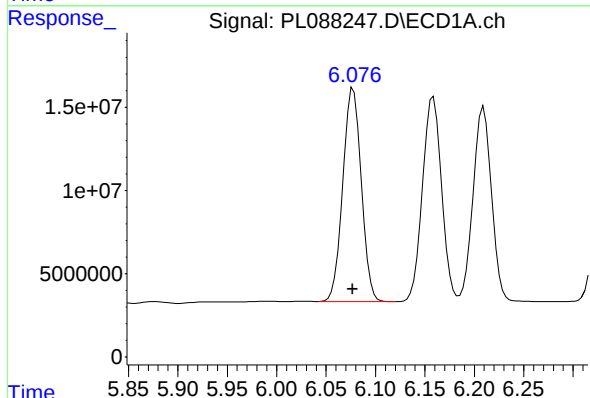
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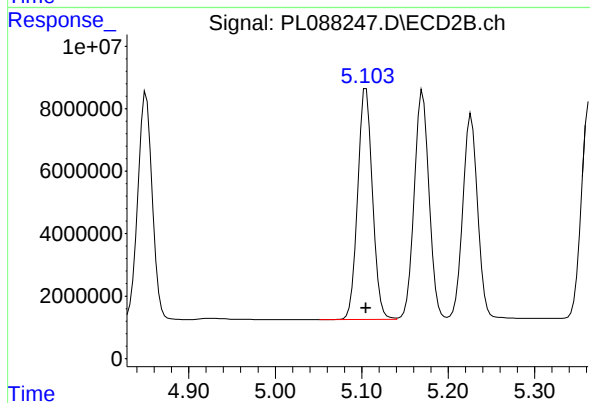
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 78450908
Conc: 48.76 ng/ml



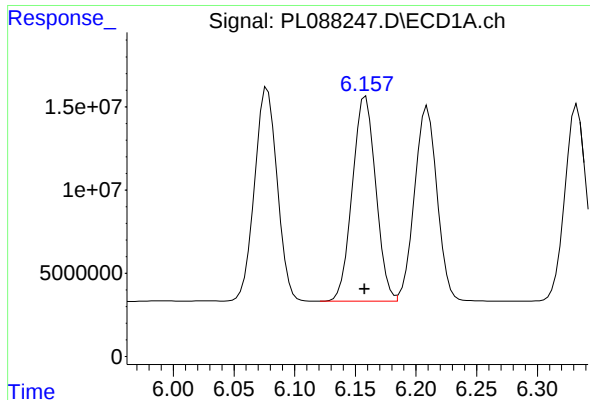
#10 gamma-Chlordane

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 166773066
Conc: 49.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 87884407
Conc: 49.27 ng/ml



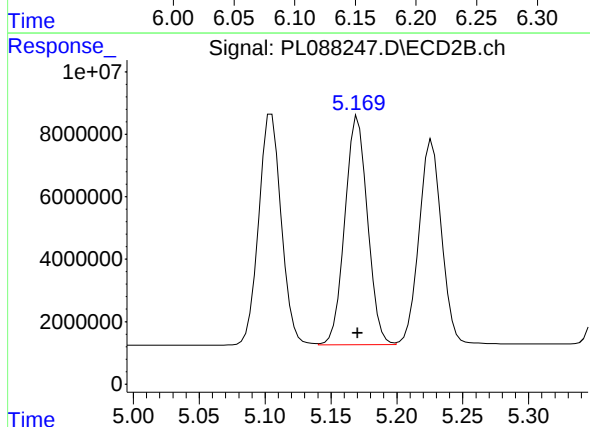
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.001 min
Response: 165598499
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

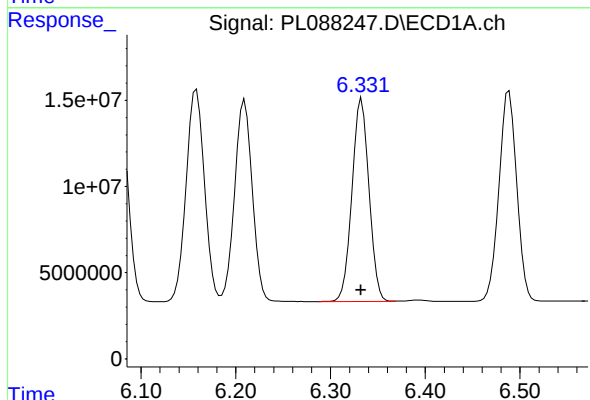
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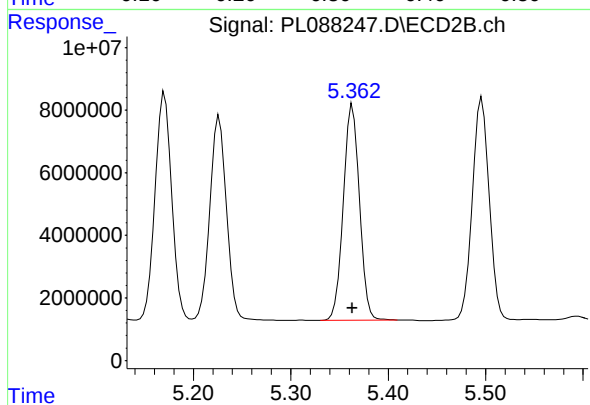
#11 alpha-Chlordane

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 87409060
Conc: 49.07 ng/ml



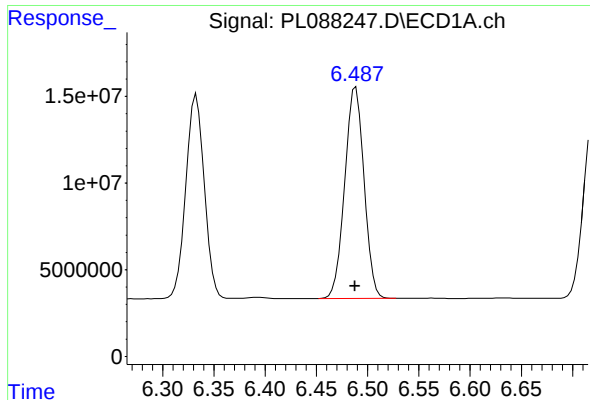
#12 4,4'-DDE

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 147255229
Conc: 48.55 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 79190593
Conc: 49.82 ng/ml



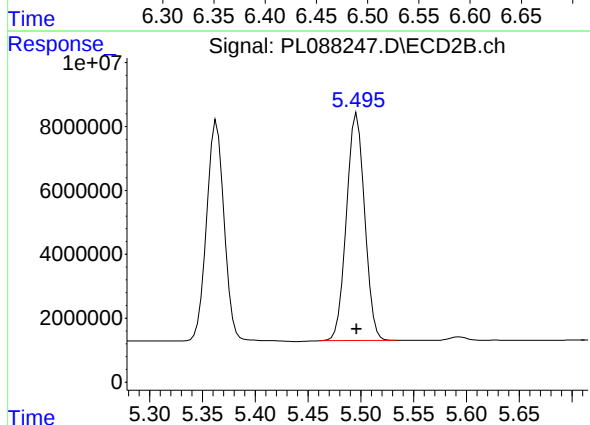
#13 Dieldrin

R.T.: 6.489 min
Delta R.T.: 0.000 min
Response: 159370736
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

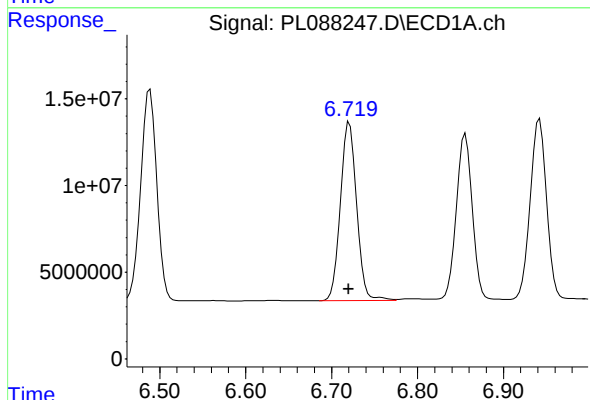
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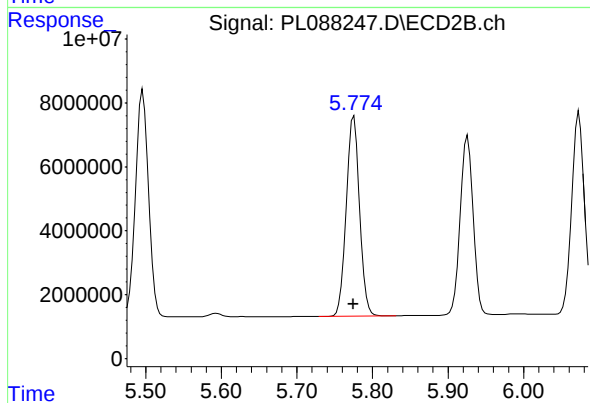
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 85377340
Conc: 49.48 ng/ml



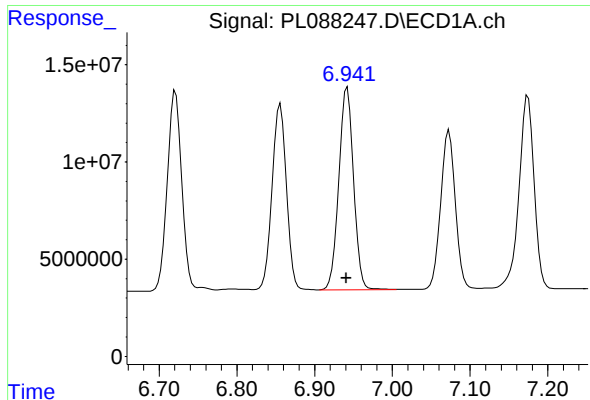
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.001 min
Response: 134751494
Conc: 51.82 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 76616202
Conc: 51.24 ng/ml



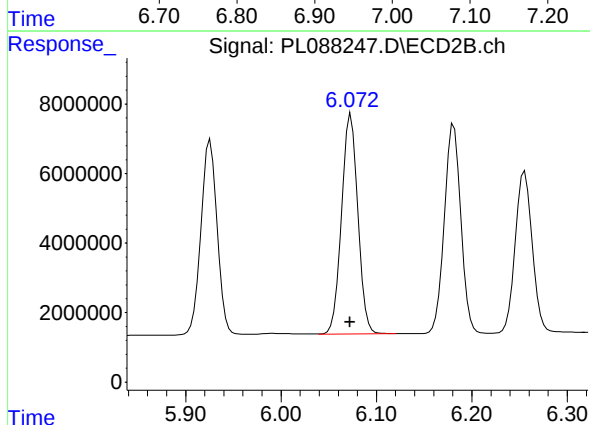
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.002 min
Response: 137990150
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

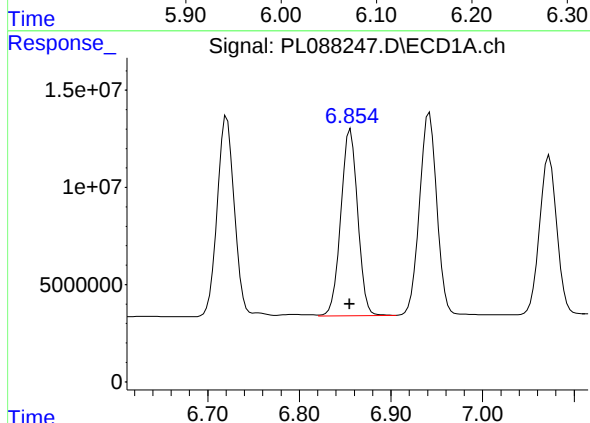
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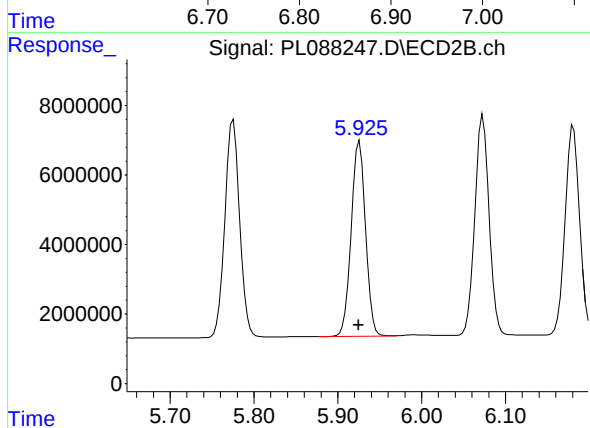
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 75082168
Conc: 49.29 ng/ml



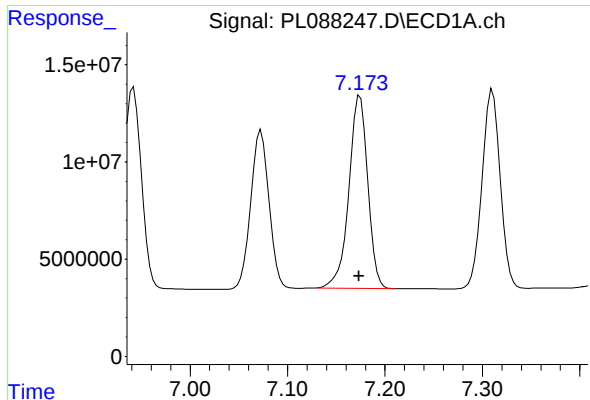
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 123337547
Conc: 47.55 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 66869349
Conc: 48.94 ng/ml



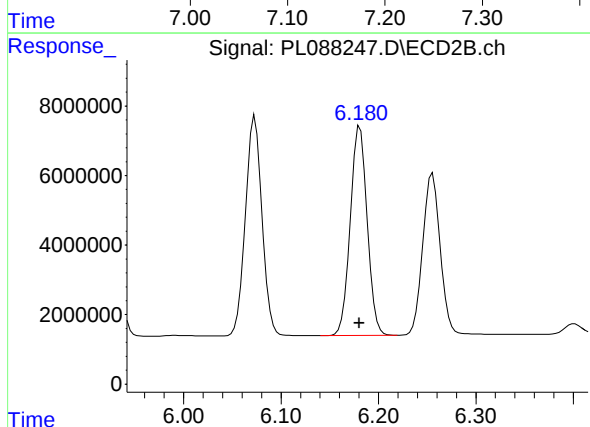
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 133182003
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

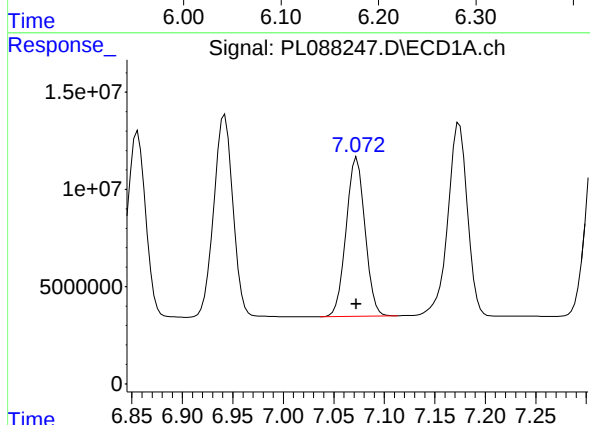
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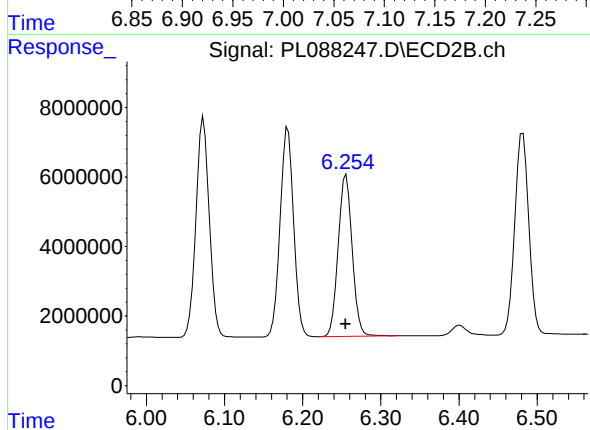
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 72409681
Conc: 53.04 ng/ml



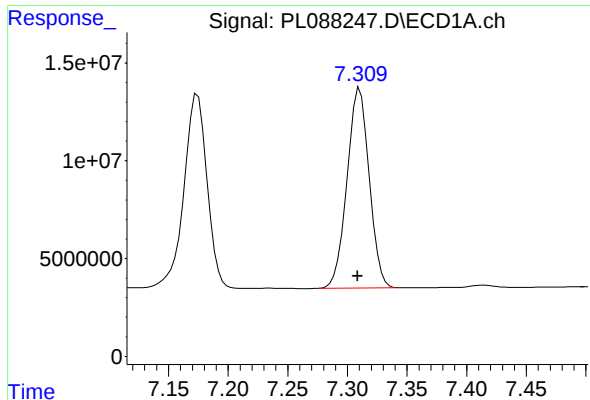
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 106373011
Conc: 51.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 57953076
Conc: 53.06 ng/ml



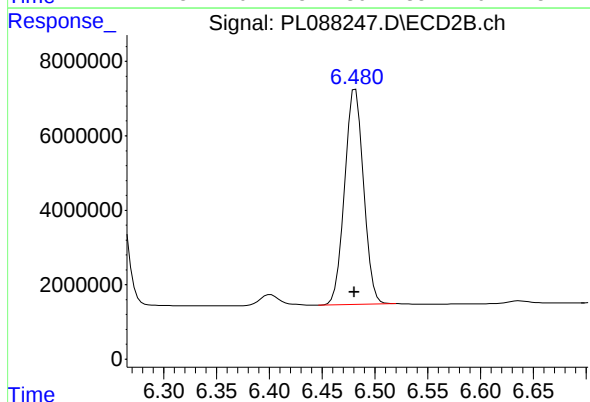
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.002 min
Response: 132201346
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

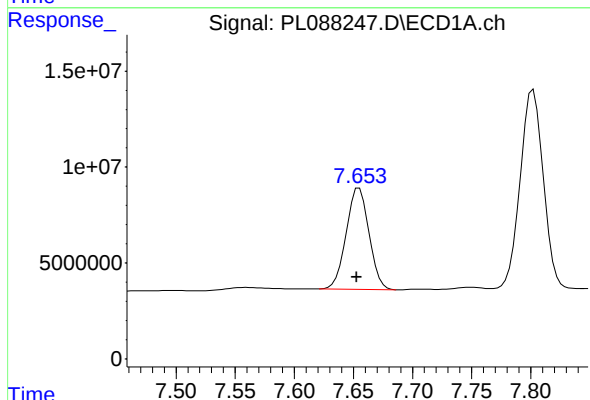
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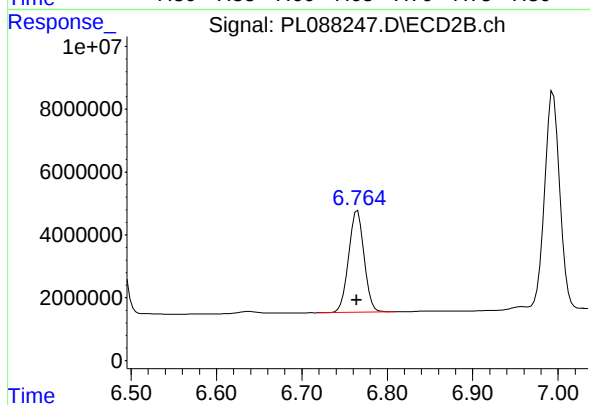
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.001 min
Response: 72287913
Conc: 51.47 ng/ml



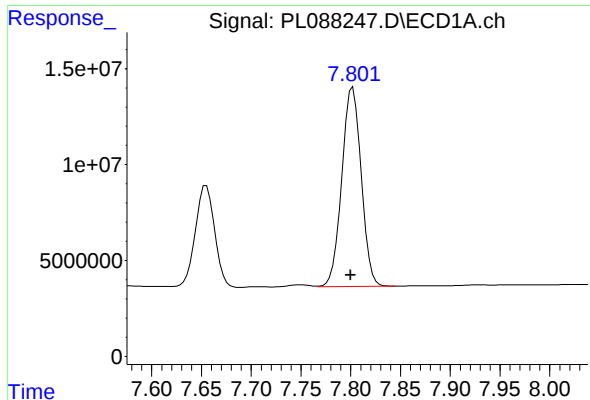
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 70615537
Conc: 53.35 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: 0.001 min
Response: 40984078
Conc: 52.29 ng/ml



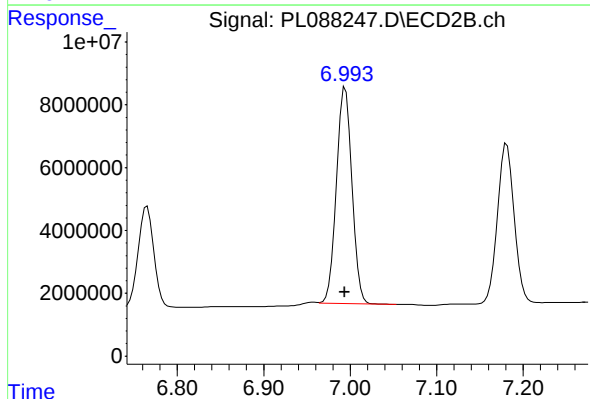
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 141381537
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

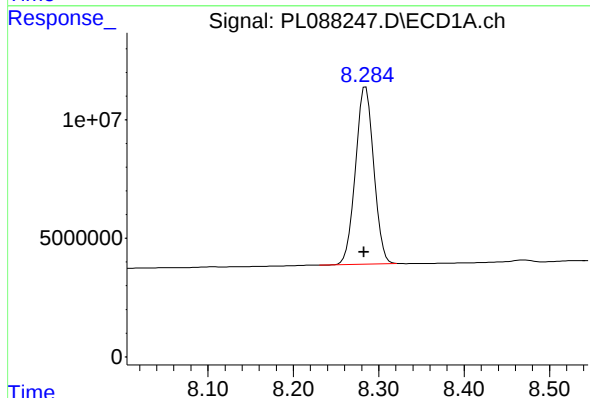
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APPROVED

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Supervised By :Ankita Jodhani 02/26/2024



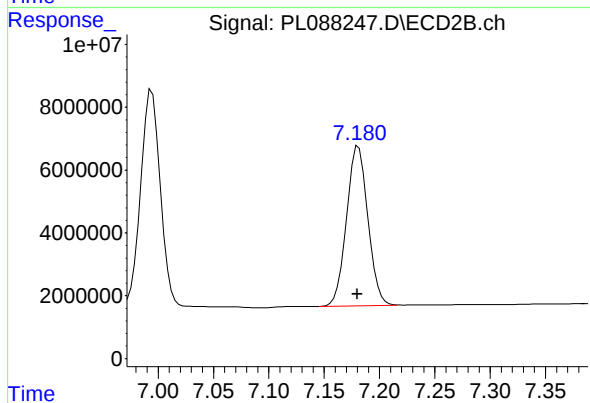
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 84651404
Conc: 50.56 ng/ml



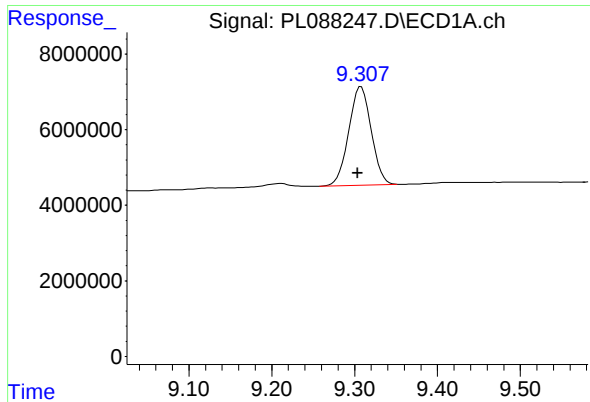
#22 Mirex

R.T.: 8.285 min
Delta R.T.: 0.002 min
Response: 110984772
Conc: 47.90 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 68409454
Conc: 52.22 ng/ml m



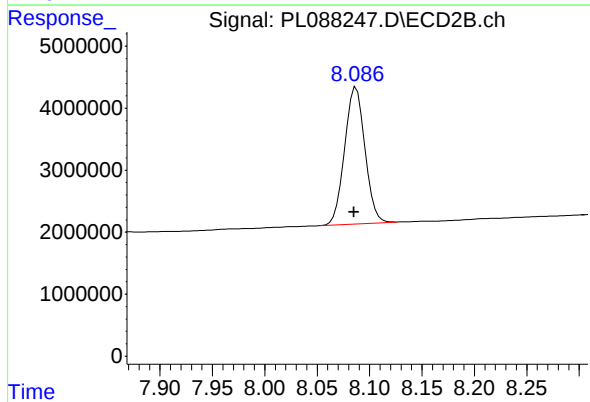
#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.004 min
Response: 49218543
Conc: 25.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB159218BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 30013121
Conc: 23.57 ng/ml