

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
 Data File : PL092083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2024 19:52
 Operator : AR\AJ
 Sample : P4172-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CHRT-20425MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/27/2024
 Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 04:14:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.539	2.780	27880948	34249504	12.533m	13.656
2) SA Decachlor...	9.060	7.922	10460157	15500056	6.385	6.195
Target Compounds						
2) A alpha-BHC	3.997	3.283	119.6E6	151.9E6	38.610	41.692
3) MA gamma-BHC...	4.330	3.613	135.9E6	142.3E6	43.843	40.293
4) MA Heptachlor	4.918	3.952	116.1E6	143.6E6	41.978	41.627
5) MB Aldrin	5.258	4.232	96166377	134.8E6	34.622m	39.620
6) B beta-BHC	4.527	3.913	50005822	72273049	37.701	48.083 #
7) B delta-BHC	4.772	4.141	143.1E6	103.8E6	49.607	29.908 #
8) B Heptachlo...	5.686	4.735	116.5E6	142.0E6	45.774	46.991
9) A Endosulfan I	6.072	5.105	88167002	119.9E6	38.111	43.680
10) B gamma-Chl...	5.943	4.985	209.1E6	218.1E6	84.601	72.478
11) B alpha-Chl...	6.024	5.048	291.2E6	293.0E6	118.227	97.880
12) B 4,4'-DDE	6.195	5.238	84900726	130.1E6	39.226	46.821
13) MA Dieldrin	6.348	5.369	220.5E6	310.9E6	90.412	106.033
14) MA Endrin	6.578	5.645	71709014	116.7E6	34.798	44.522 #
15) B Endosulfa...	6.797	5.940	81609705	124.8E6	37.100	49.854 #
16) A 4,4'-DDD	6.712	5.793	80887941	91730482	45.045	42.941
17) MA 4,4'-DDT	7.027	6.043	77191605	108.6E6	41.925	46.963
18) B Endrin al...	6.927	6.119	67139999	82047696	38.525	40.205
19) B Endosulfa...	7.162	6.342	69272105	93836352	34.946	38.896
20) A Methoxychlor	7.501	6.619	36167452	56131977	36.841m	44.893
21) B Endrin ke...	7.647	6.848	79484017	102.7E6	36.169	37.084
22) Mirex	8.120	7.028	56403290	79731036	31.318	32.775m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092624\
Data File : PL092083.D
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Acq On : 26 Sep 2024 19:52
Operator : AR\AJ
Sample : P4172-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

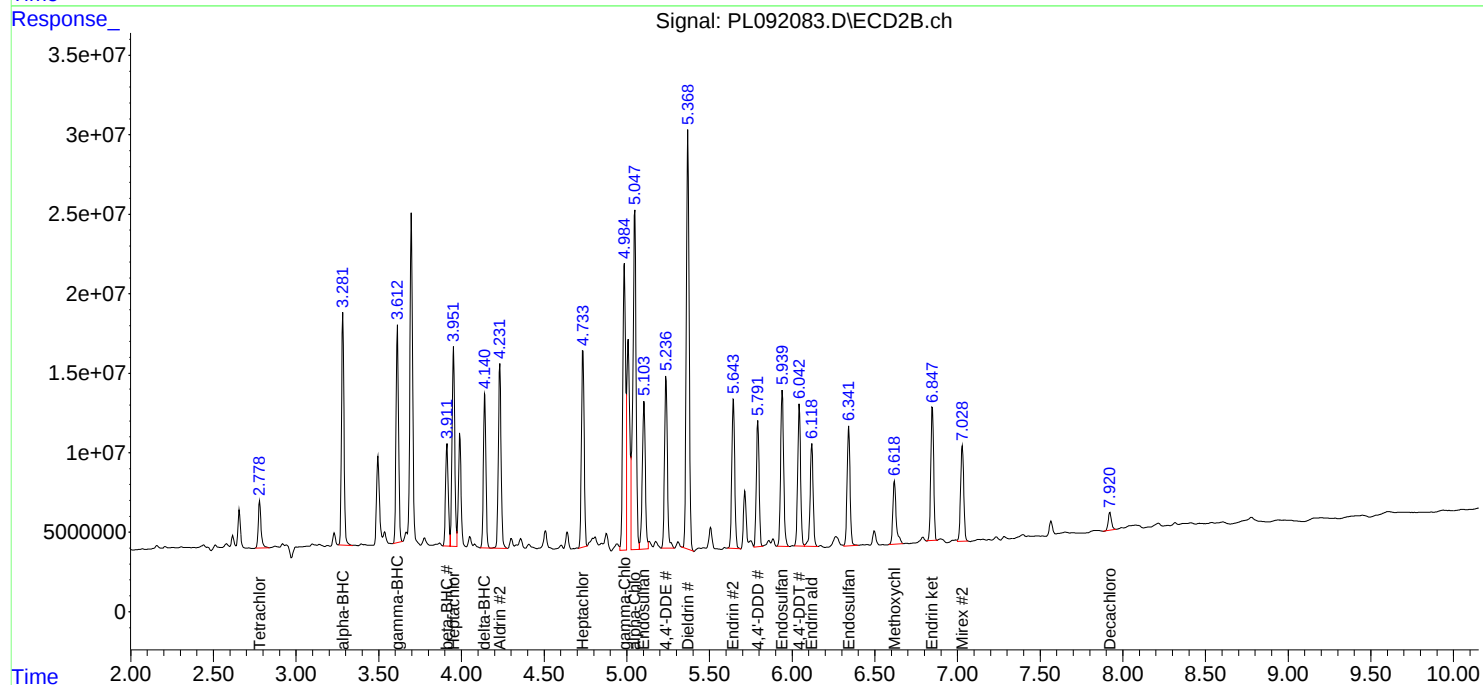
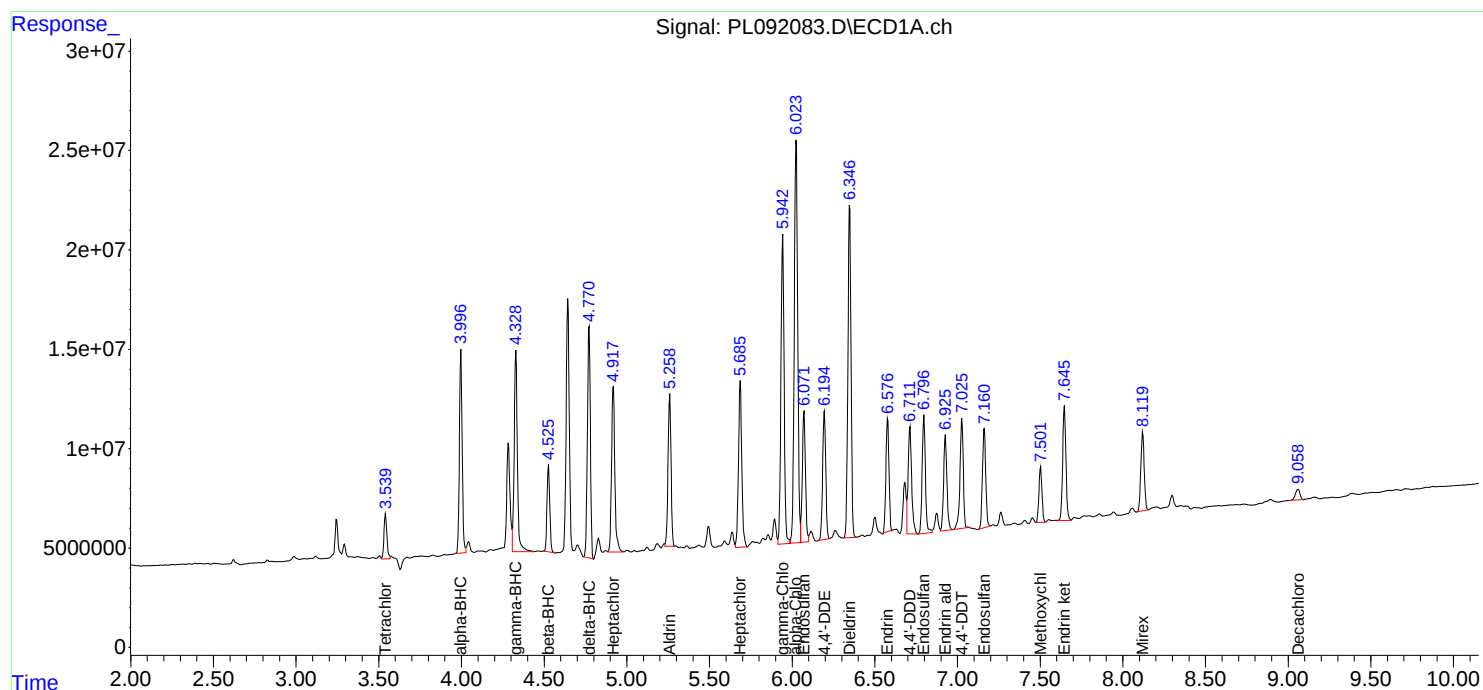
Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

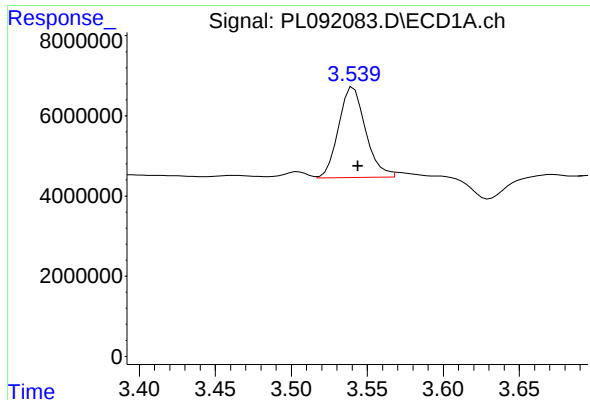
Manual Integrations
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Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 04:14:01 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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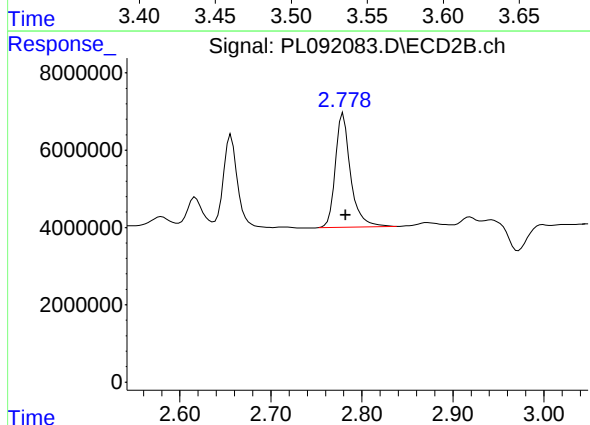
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 27880948
Conc: 12.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

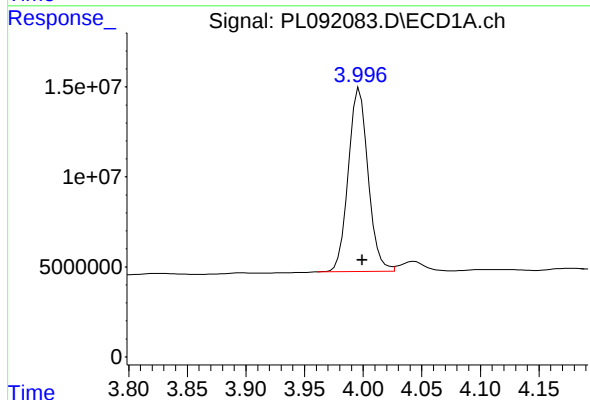
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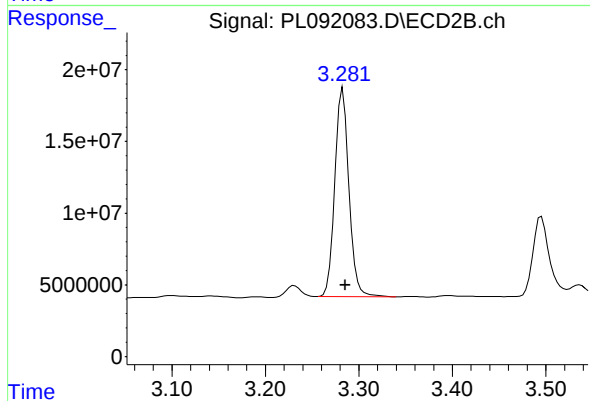
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.003 min
Response: 34249504
Conc: 13.66 ng/ml



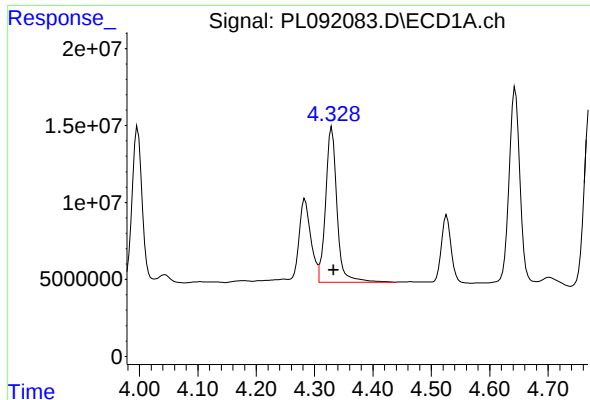
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 119557644
Conc: 38.61 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.003 min
Response: 151899122
Conc: 41.69 ng/ml



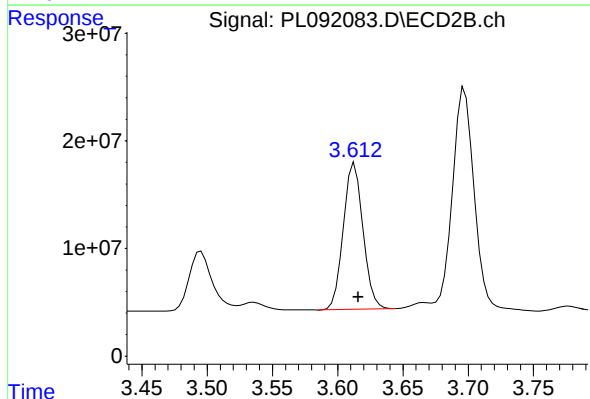
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 135860396
Conc: 43.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

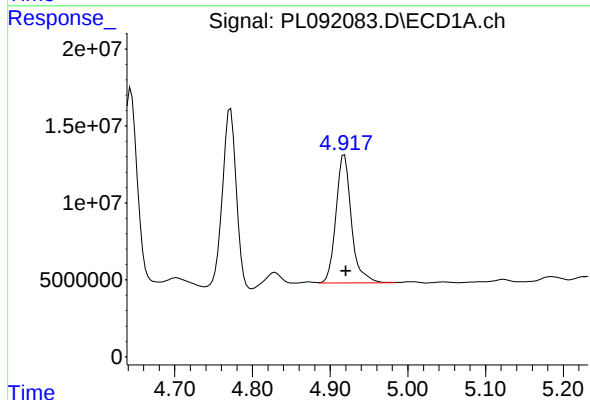
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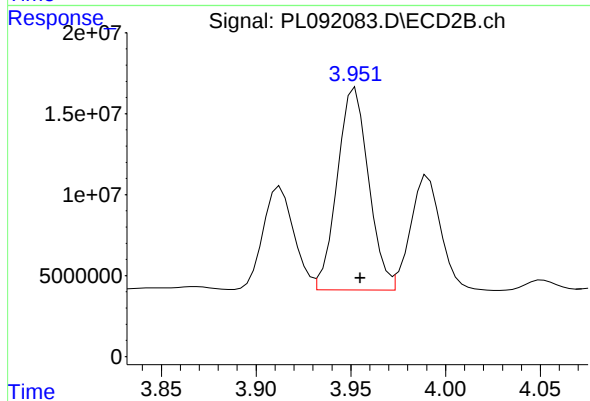
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.003 min
Response: 142274419
Conc: 40.29 ng/ml



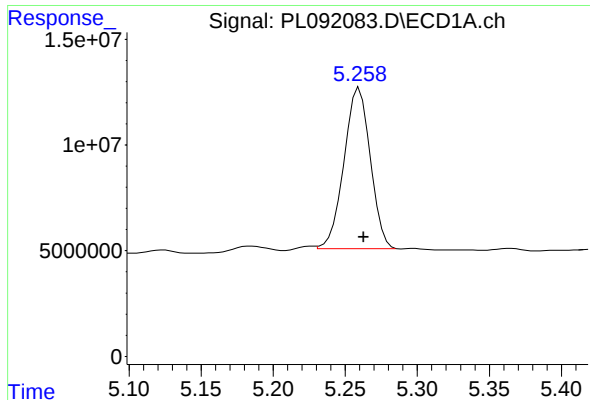
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 116087406
Conc: 41.98 ng/ml



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.003 min
Response: 143637673
Conc: 41.63 ng/ml



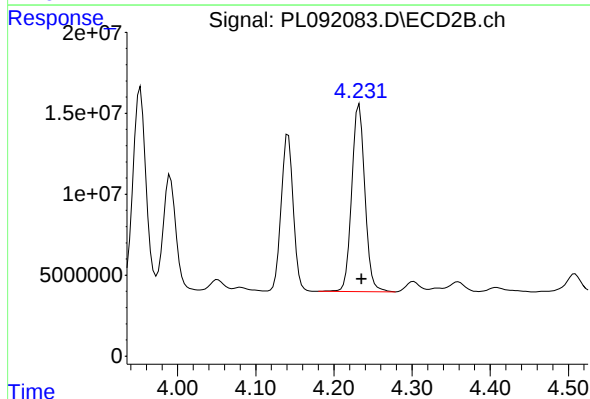
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.004 min
Response: 96166377
Conc: 34.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

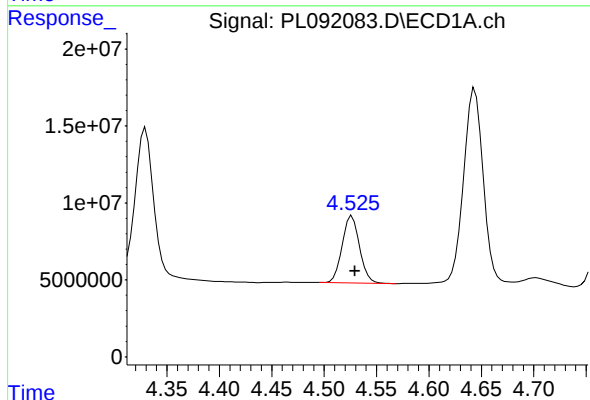
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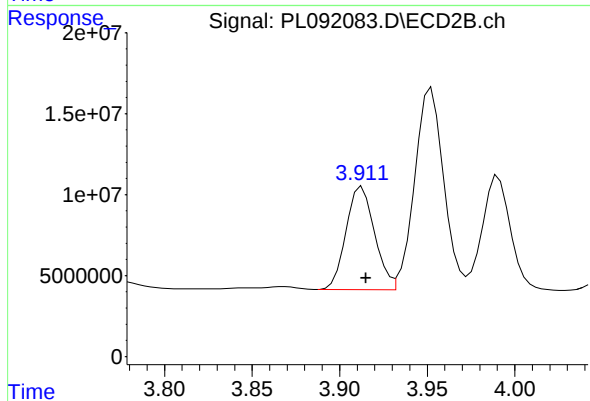
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: -0.003 min
Response: 134750389
Conc: 39.62 ng/ml



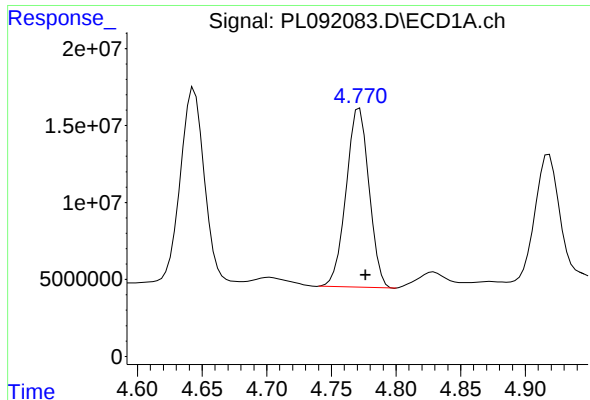
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 50005822
Conc: 37.70 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 72273049
Conc: 48.08 ng/ml



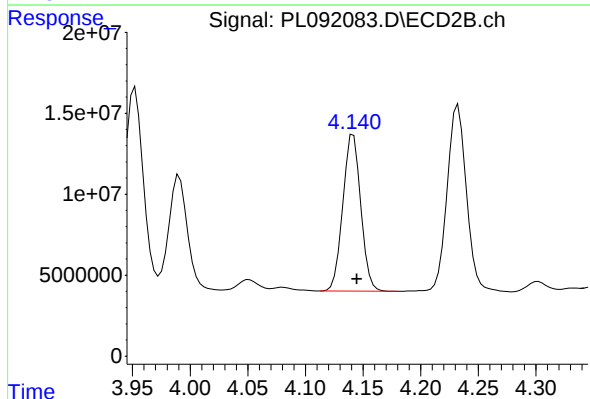
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 143075743
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

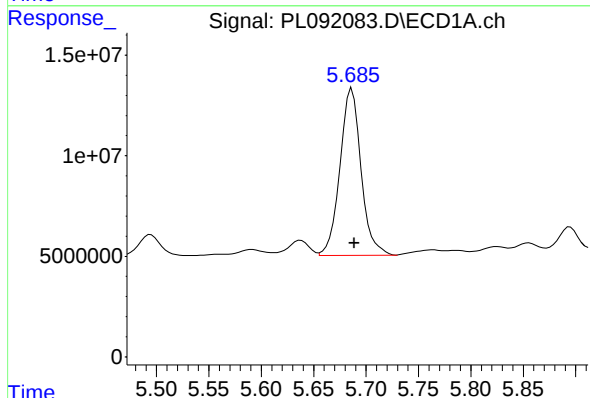
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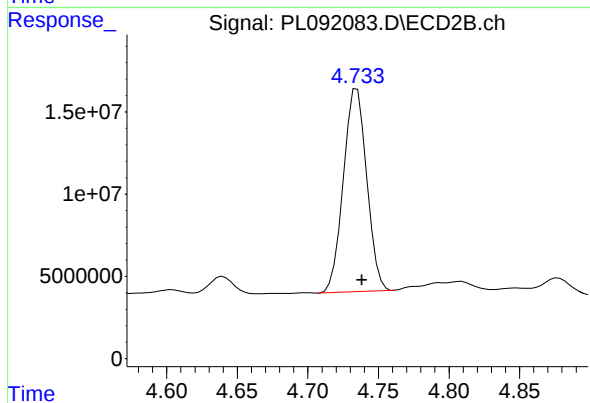
#7 delta-BHC

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 103830523
Conc: 29.91 ng/ml



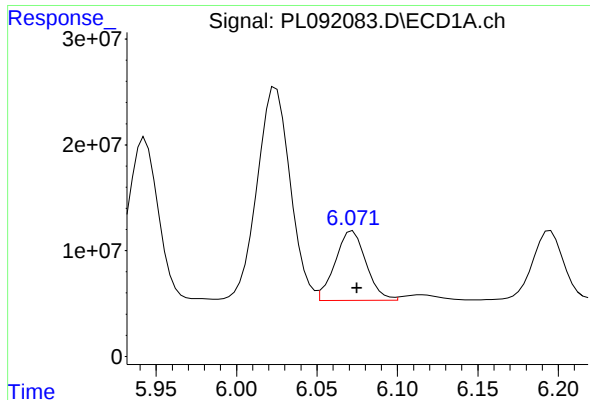
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 116494641
Conc: 45.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 142047946
Conc: 46.99 ng/ml



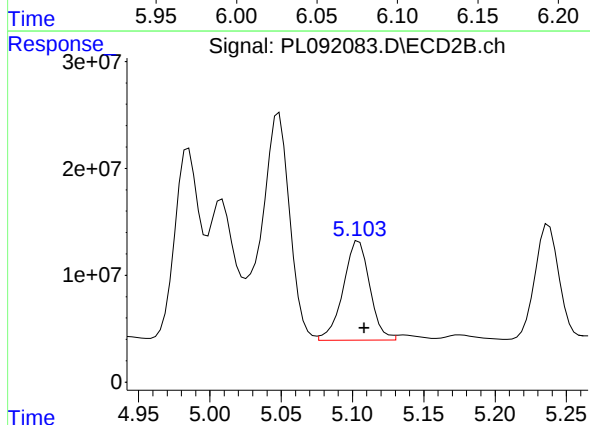
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 88167002
Conc: 38.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

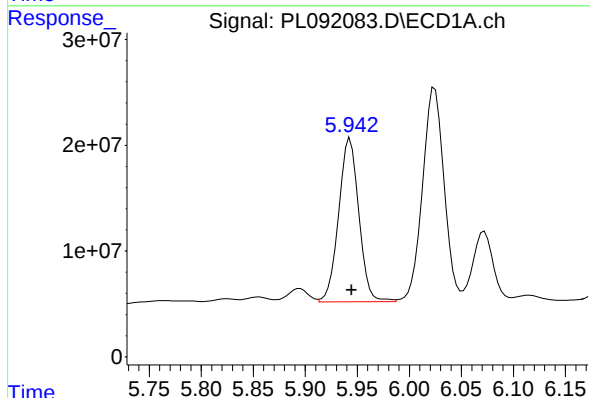
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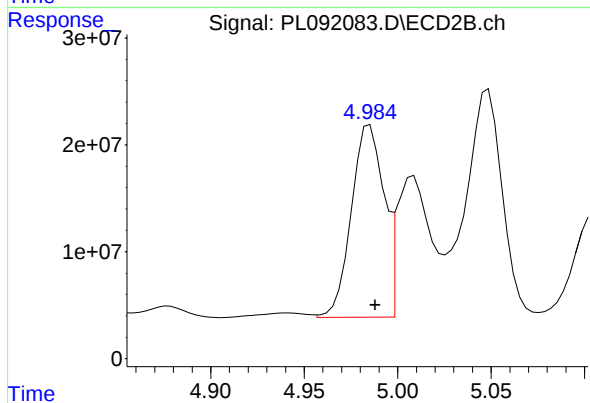
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.004 min
Response: 119884480
Conc: 43.68 ng/ml



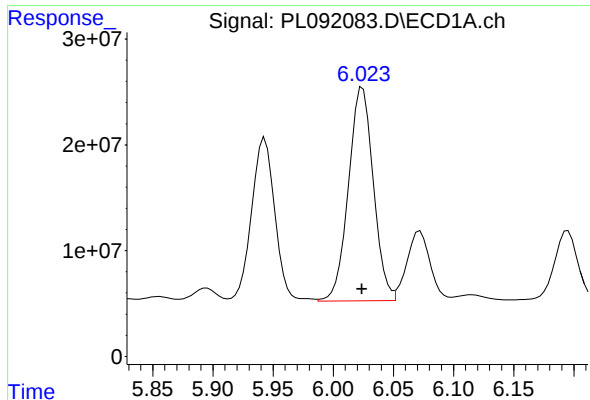
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 209066951
Conc: 84.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 218054445
Conc: 72.48 ng/ml



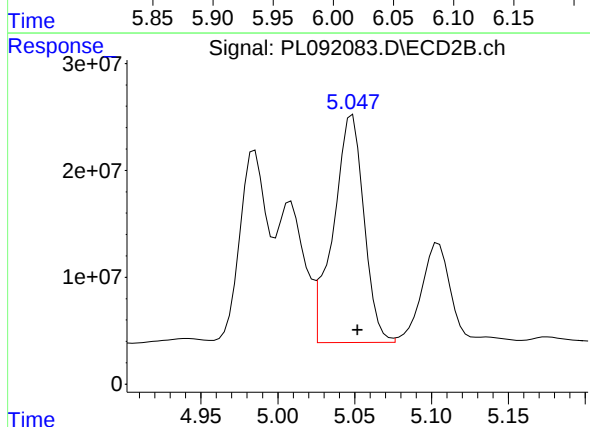
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 291233722
Conc: 118.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

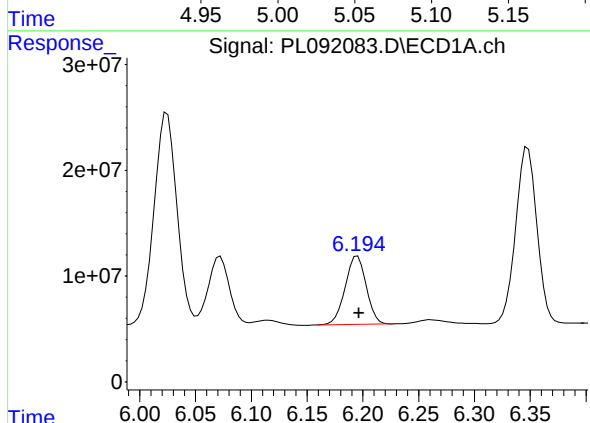
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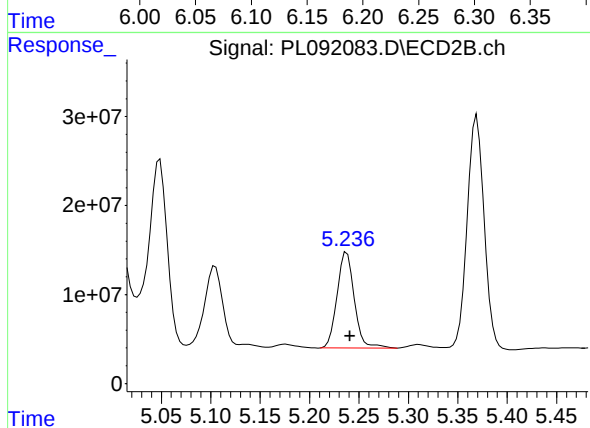
#11 alpha-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 293007658
Conc: 97.88 ng/ml



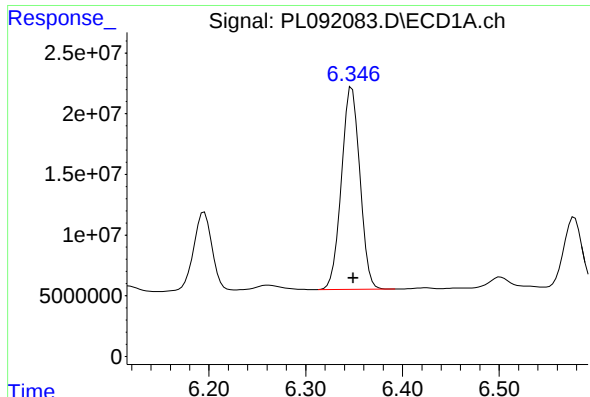
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 84900726
Conc: 39.23 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 130109630
Conc: 46.82 ng/ml



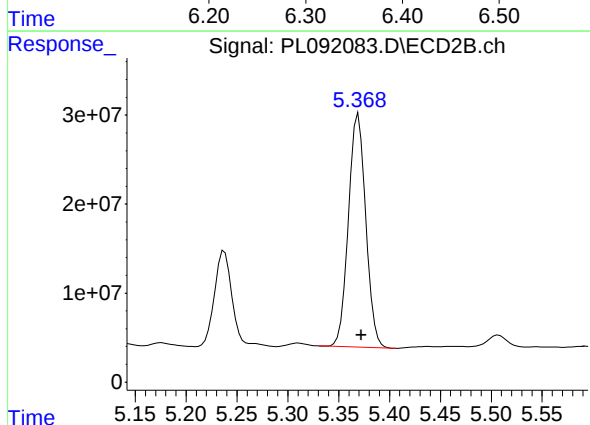
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 220501448
Conc: 90.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

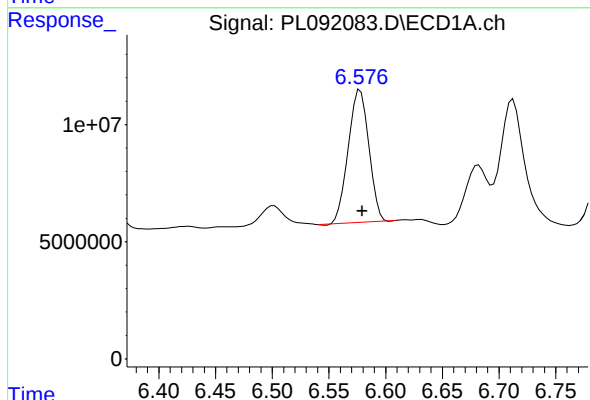
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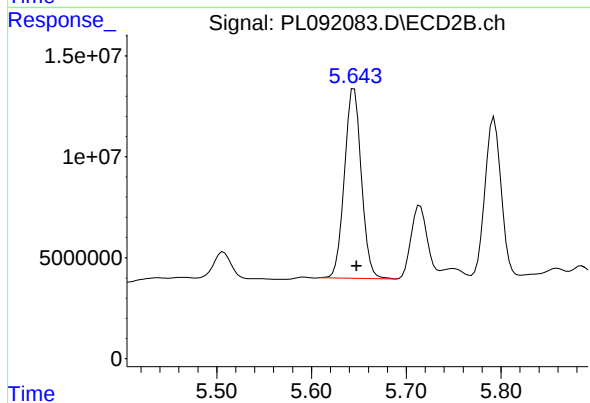
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 310870770
Conc: 106.03 ng/ml



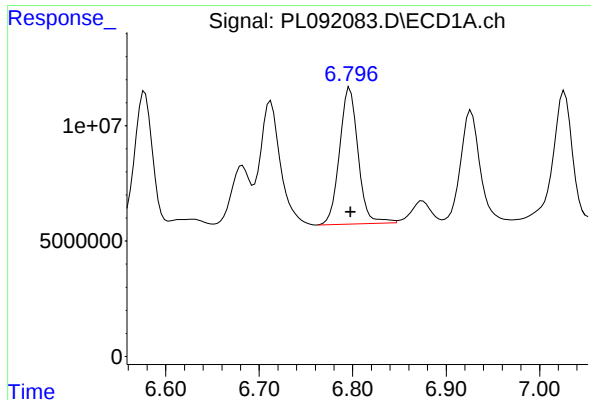
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 71709014
Conc: 34.80 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 116745754
Conc: 44.52 ng/ml



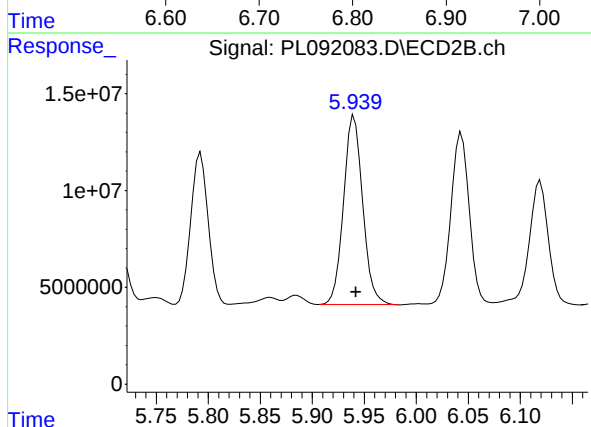
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 81609705
Conc: 37.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

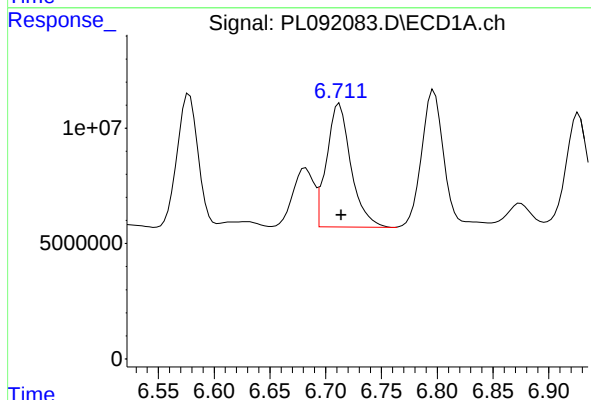
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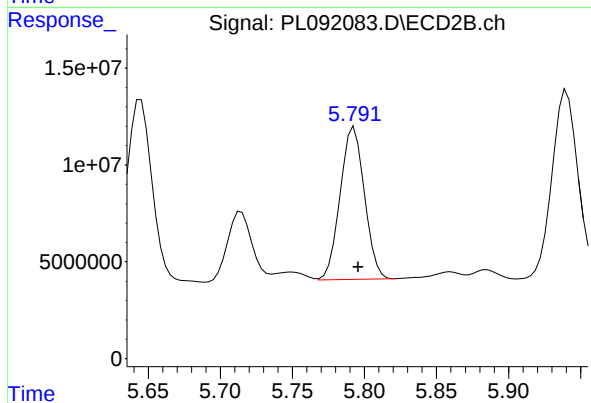
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 124755321
Conc: 49.85 ng/ml



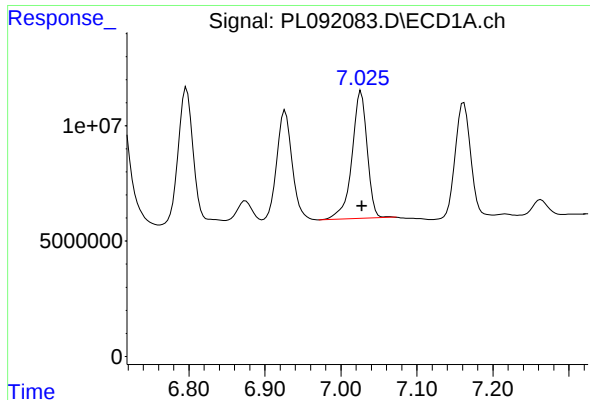
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 80887941
Conc: 45.04 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 91730482
Conc: 42.94 ng/ml



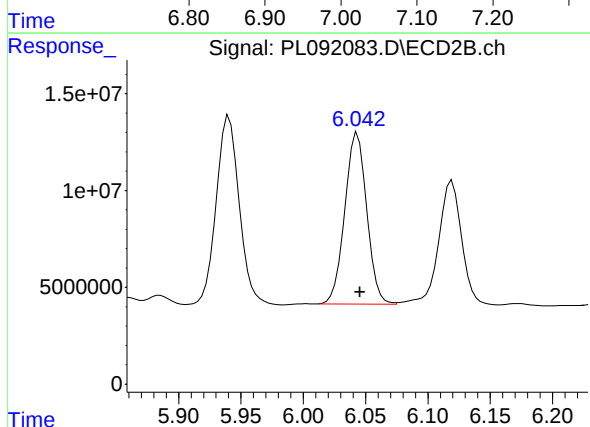
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 77191605
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

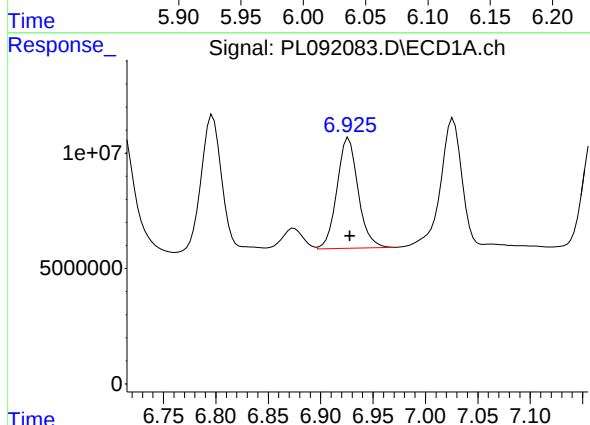
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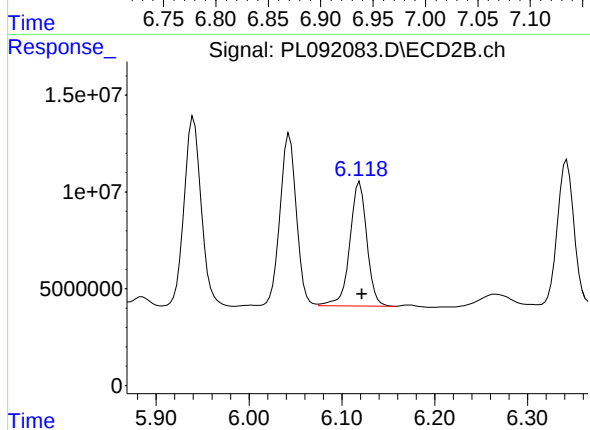
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 108633589
Conc: 46.96 ng/ml



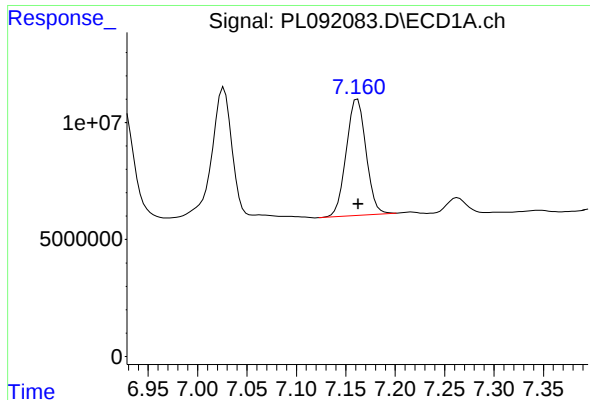
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 67139999
Conc: 38.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 82047696
Conc: 40.21 ng/ml



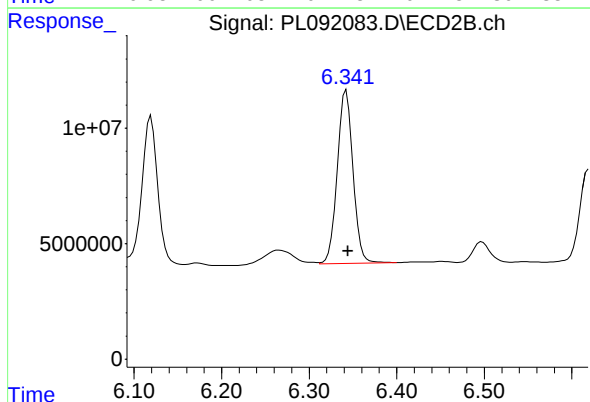
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.001 min
Response: 69272105
Conc: 34.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

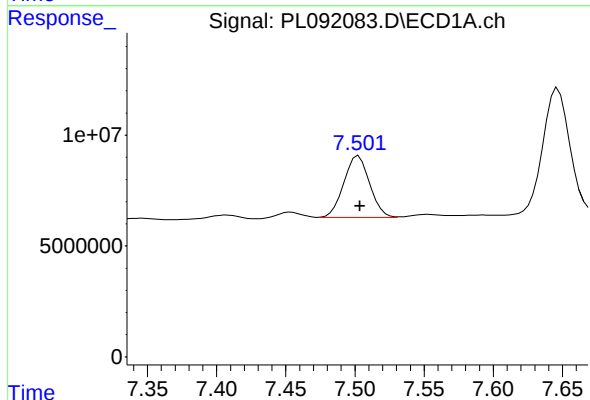
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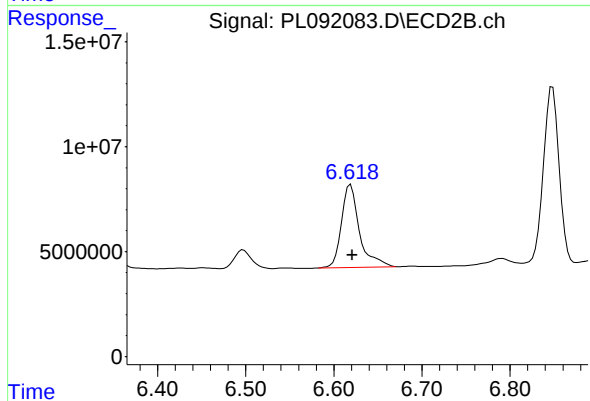
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 93836352
Conc: 38.90 ng/ml



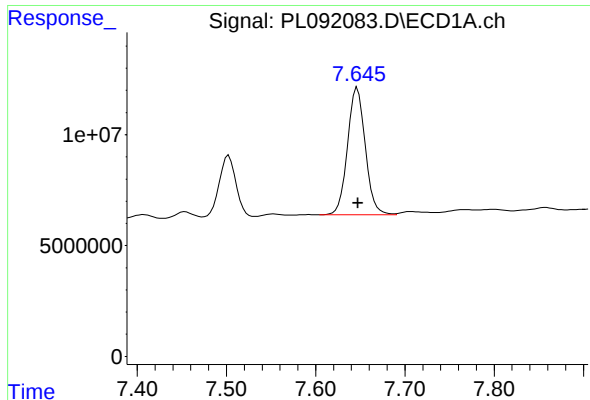
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 36167452
Conc: 36.84 ng/ml m



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 56131977
Conc: 44.89 ng/ml



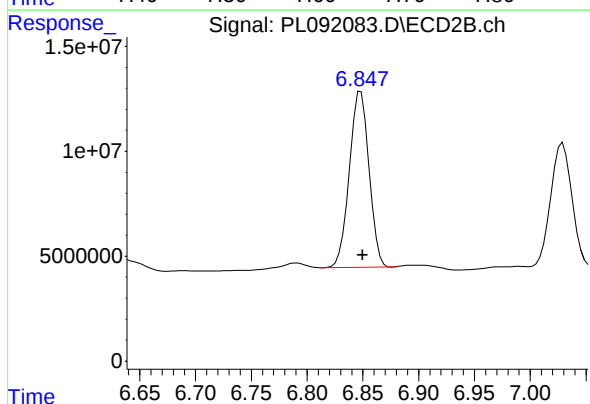
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 79484017
Conc: 36.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

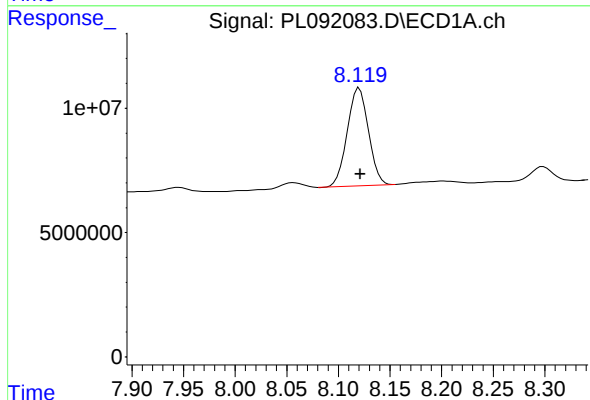
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/27/2024
Supervised By :Ankita Jodhani 09/27/2024



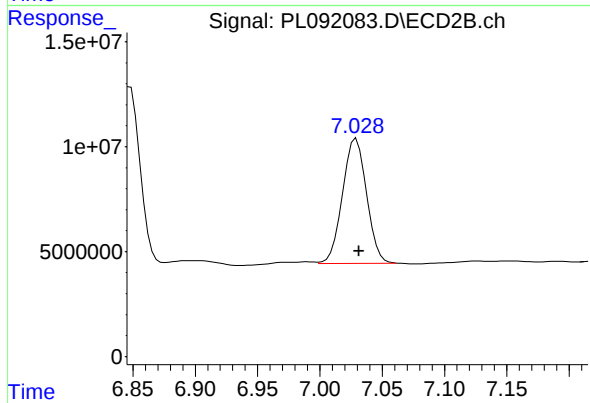
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 102684148
Conc: 37.08 ng/ml



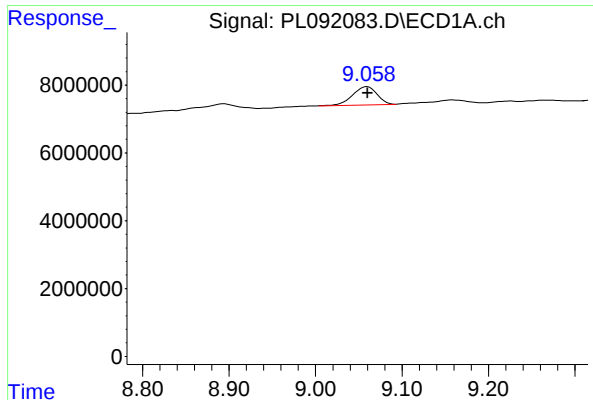
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 56403290
Conc: 31.32 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 79731036
Conc: 32.78 ng/ml m



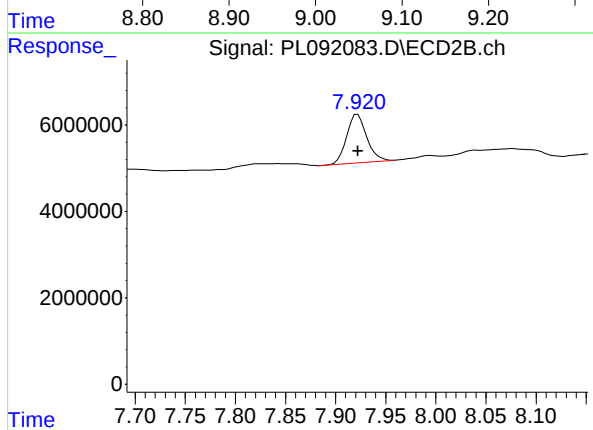
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 10460157
Conc: 6.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CHRT-20425MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 09/27/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 15500056
Conc: 6.20 ng/ml