

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093024\
 Data File : PL092152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2024 15:54
 Operator : AR\AJ
 Sample : P4222-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2024
 Supervised By :Ankita Jodhani 10/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 03:22:09 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...	3.541	2.781	36445976	39734213	16.383m	15.843
28) SA Decachlor...	9.059	7.921	22630219	35547242	13.814	14.208
Target Compounds						
2) A alpha-BHC	3.997	3.284	131.1E6	165.6E6	42.332m	45.440
3) MA gamma-BHC...	4.331	3.614	131.0E6	157.9E6	42.261	44.705
4) MA Heptachlor	4.920	3.954	124.4E6	163.7E6	44.978	47.449
5) MB Aldrin	5.262	4.234	116.9E6	158.7E6	42.077	46.649
6) B beta-BHC	4.529	3.914	59737083	70780724	45.038	47.090
7) B delta-BHC	4.776	4.143	92457930	115.2E6	32.057	33.182
8) B Heptachlo...	5.688	4.736	108.7E6	140.8E6	42.694	46.562
9) A Endosulfan I	6.073	5.106	100.9E6	127.0E6	43.611	46.269
10) B gamma-Chl...	5.942	4.986	106.4E6	146.9E6	43.067m	48.841
11) B alpha-Chl...	6.022	5.050	108.4E6	142.3E6	43.989	47.534
12) B 4,4'-DDE	6.196	5.239	94420784	135.2E6	43.624	48.651
13) MA Dieldrin	6.348	5.371	104.9E6	138.7E6	43.025	47.299
14) MA Endrin	6.578	5.645	90828527	124.5E6	44.077	47.494m
15) B Endosulfa...	6.796	5.941	92343527	119.3E6	41.980m	47.681
16) A 4,4'-DDD	6.714	5.794	80665352	99819560	44.921	46.727
17) MA 4,4'-DDT	7.027	6.044	86161257	114.3E6	46.796	49.395
18) B Endrin al...	6.928	6.120	73795743	90844138	42.344	44.516
19) B Endosulfa...	7.162	6.343	82184900	107.3E6	41.460	44.472
20) A Methoxychlor	7.503	6.619	43841759	58776405	44.658	47.008
21) B Endrin ke...	7.647	6.849	96838575	125.4E6	44.066	45.289
22) Mirex	8.120	7.030	72167318	102.8E6	40.071	42.239

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093024\
Data File : PL092152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2024 15:54
Operator : AR\AJ
Sample : P4222-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

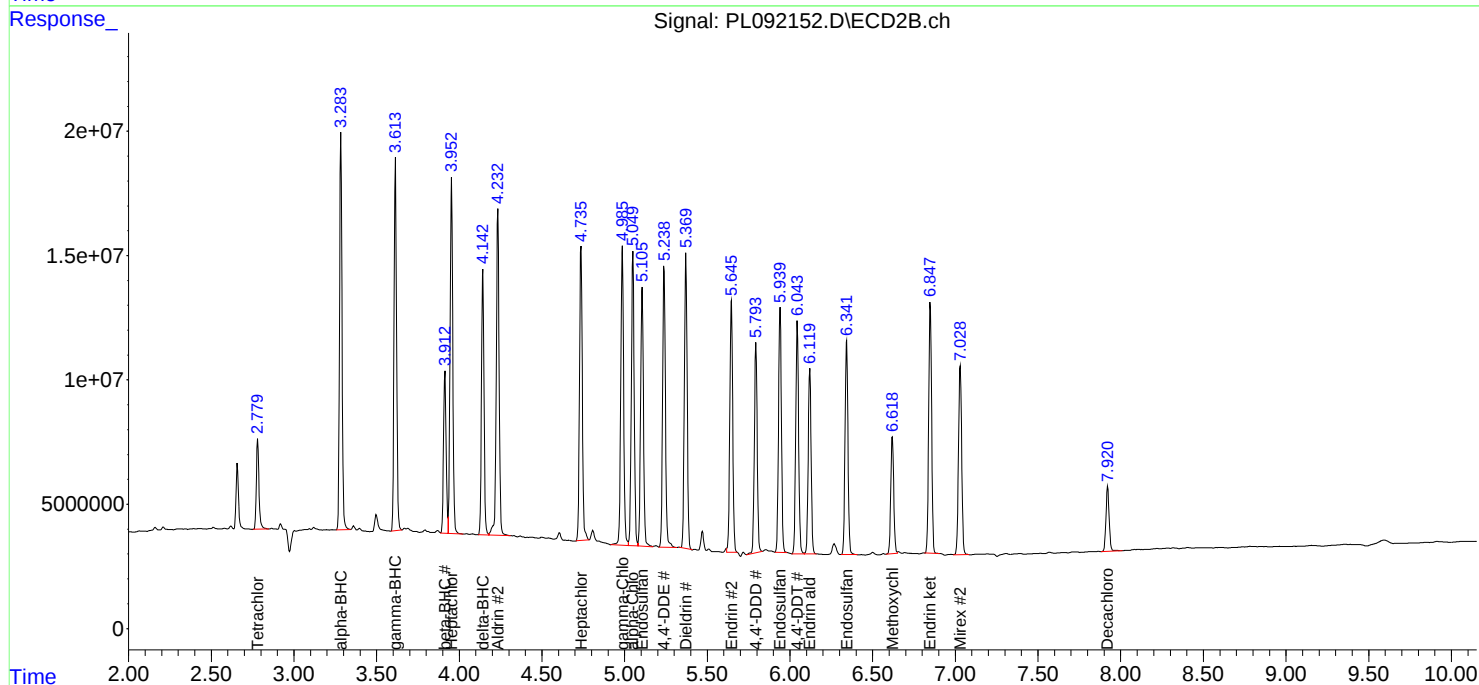
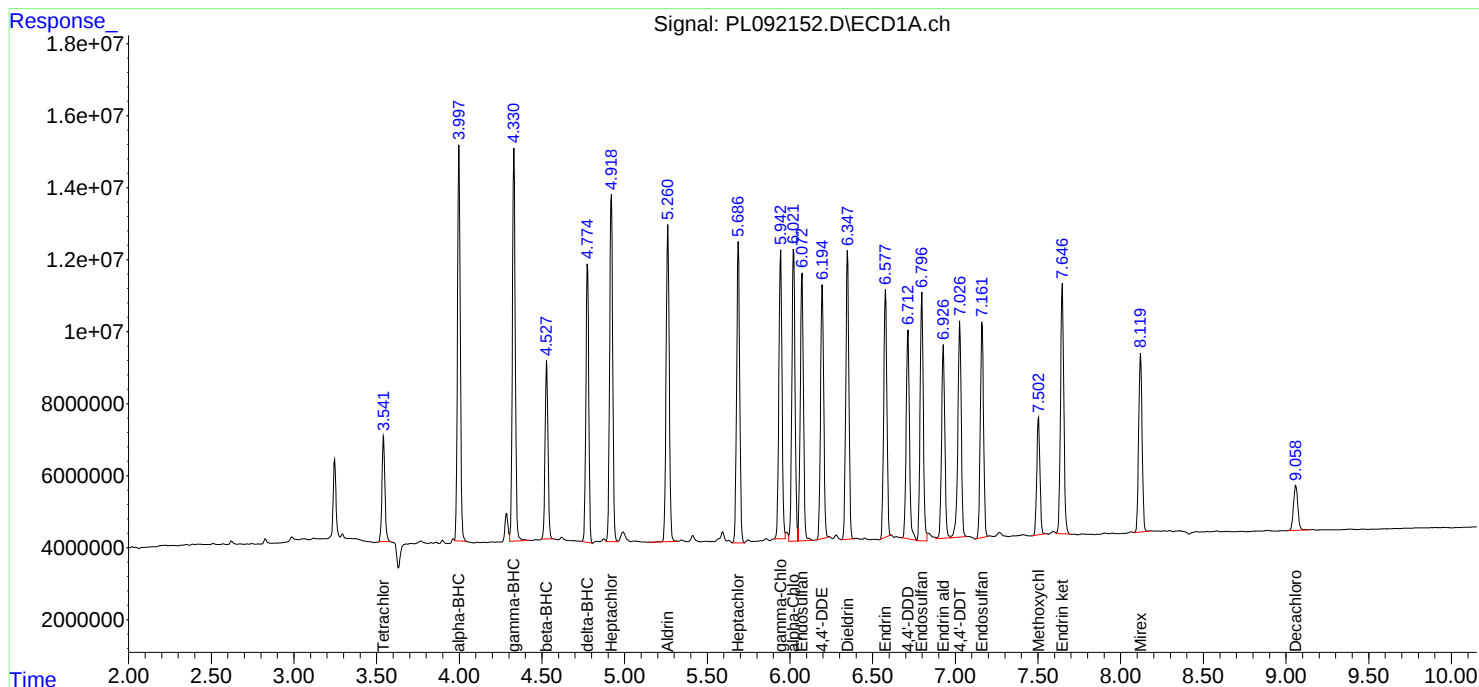
Instrument :
ECD_L
ClientSampleId :
TP-5MSD

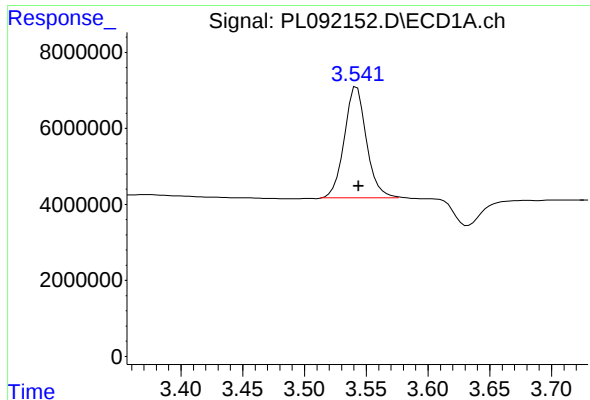
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Supervised By :Ankita Jodhani 10/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 03:22:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
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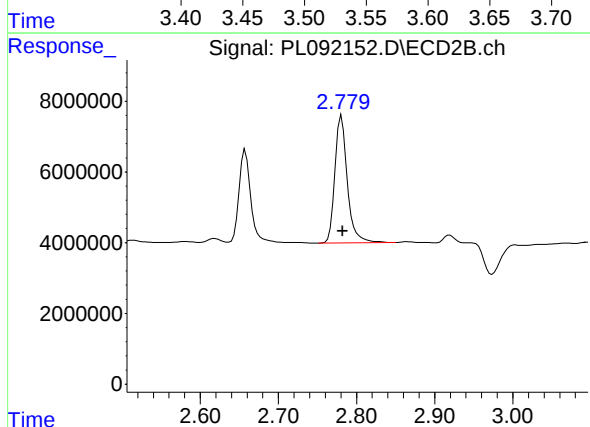
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 36445976
Conc: 16.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

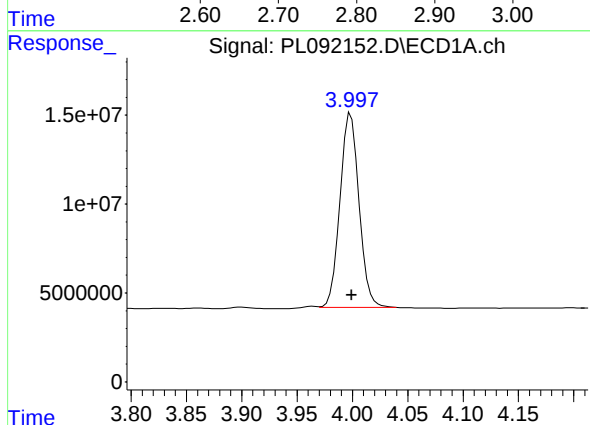
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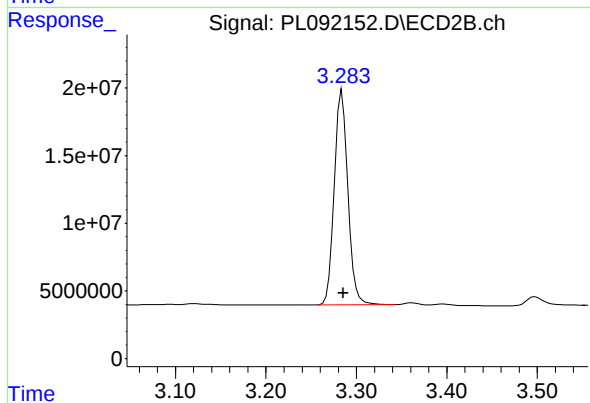
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 39734213
Conc: 15.84 ng/ml



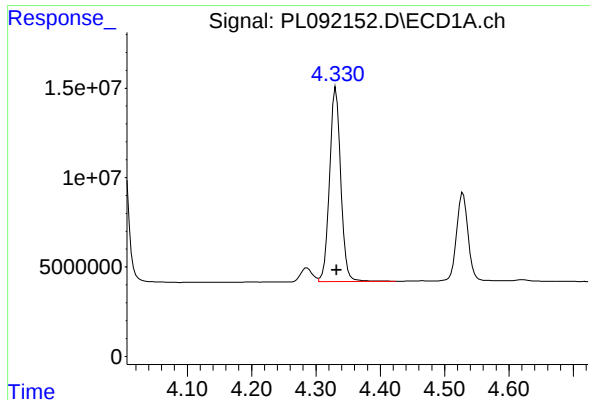
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 131081815
Conc: 42.33 ng/ml m



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 165551335
Conc: 45.44 ng/ml



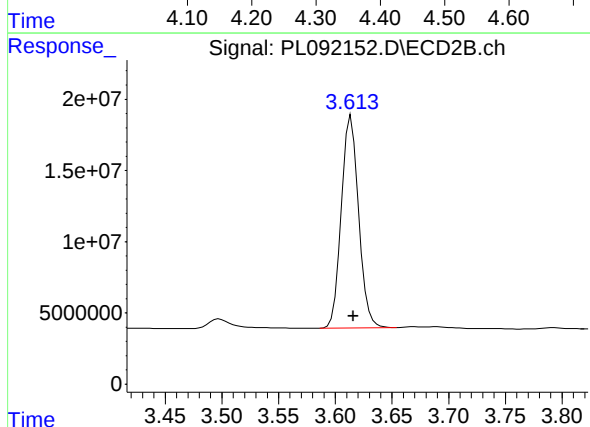
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 130957635
Conc: 42.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

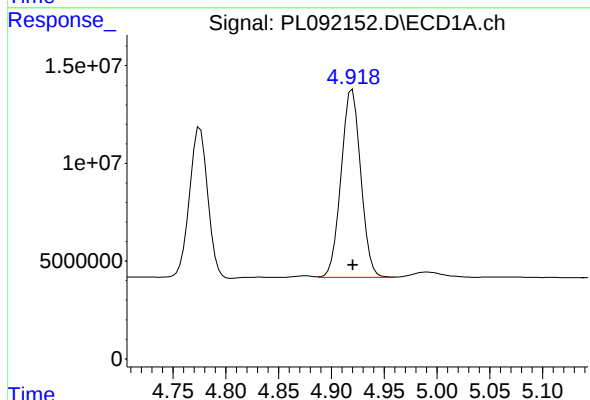
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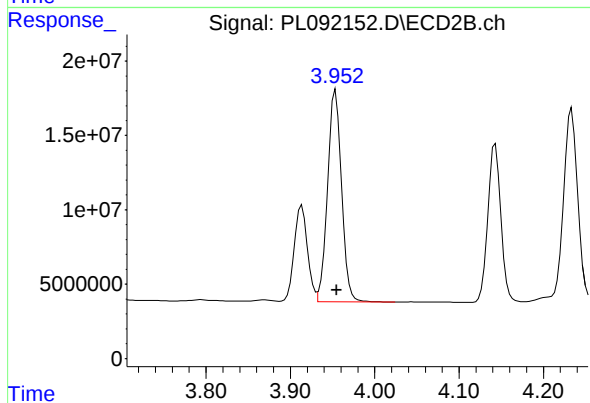
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 157850913
Conc: 44.70 ng/ml



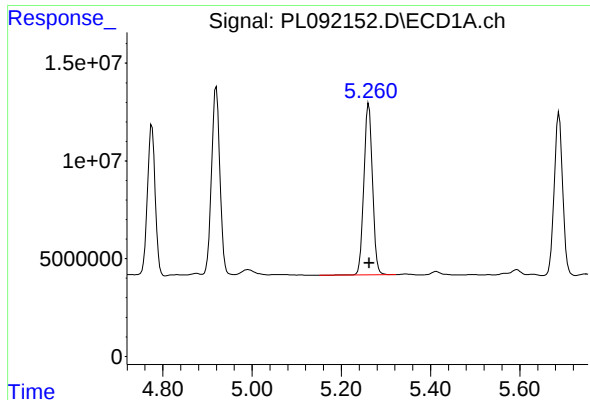
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 124383801
Conc: 44.98 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 163728116
Conc: 47.45 ng/ml



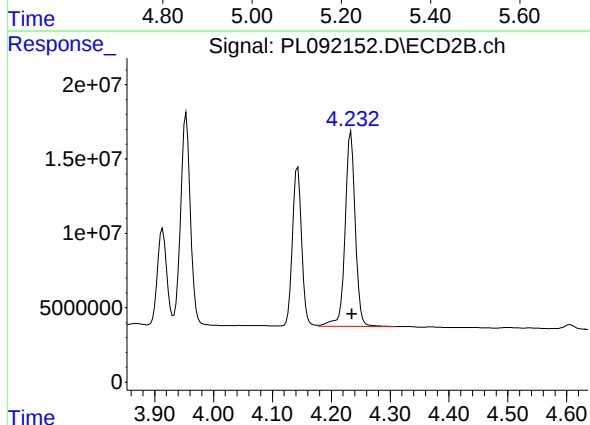
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 116872162
Conc: 42.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

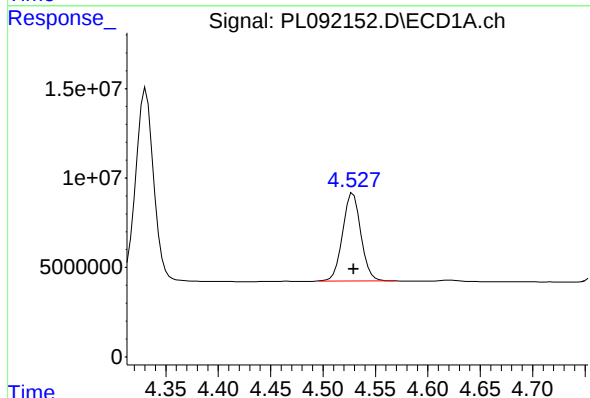
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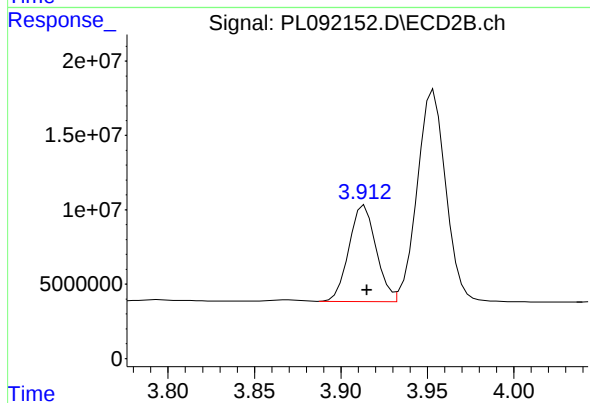
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 158657225
Conc: 46.65 ng/ml



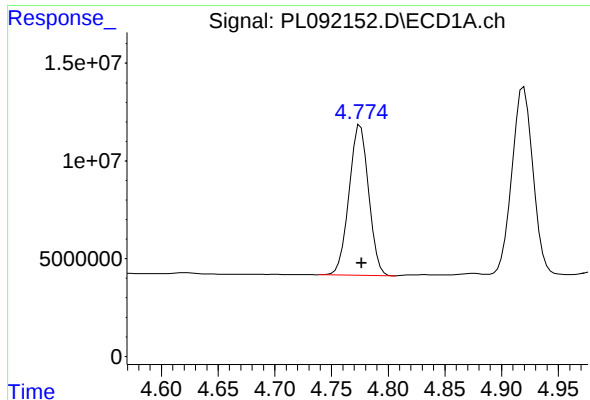
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 59737083
Conc: 45.04 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 70780724
Conc: 47.09 ng/ml



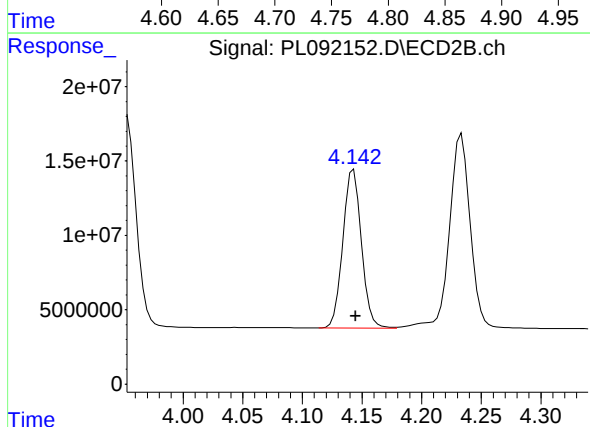
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: -0.001 min
Response: 92457930
Conc: 32.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

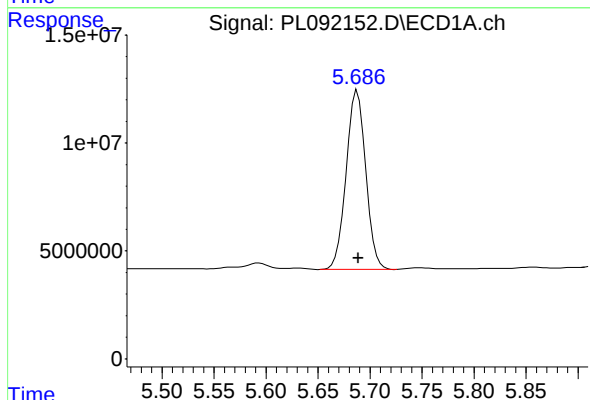
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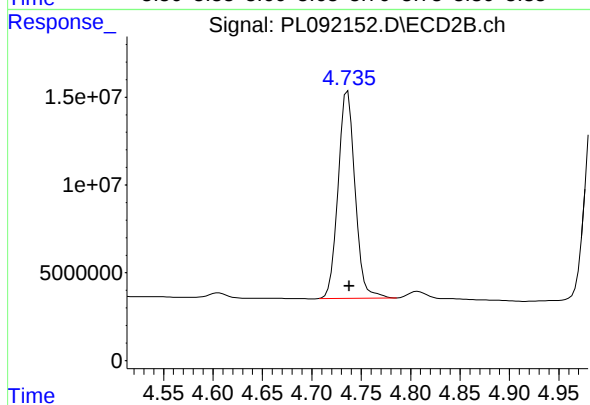
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 115197997
Conc: 33.18 ng/ml



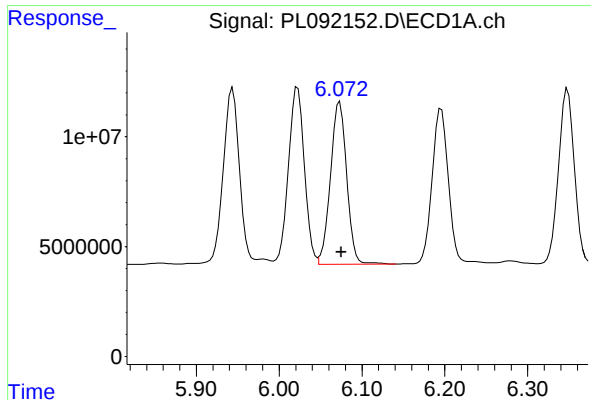
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 108655414
Conc: 42.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 140752083
Conc: 46.56 ng/ml



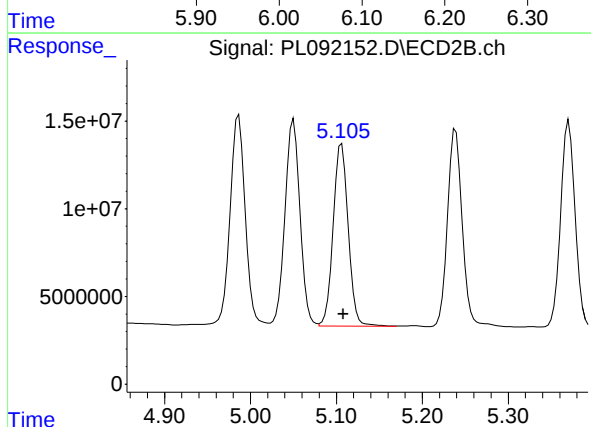
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 100890330
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

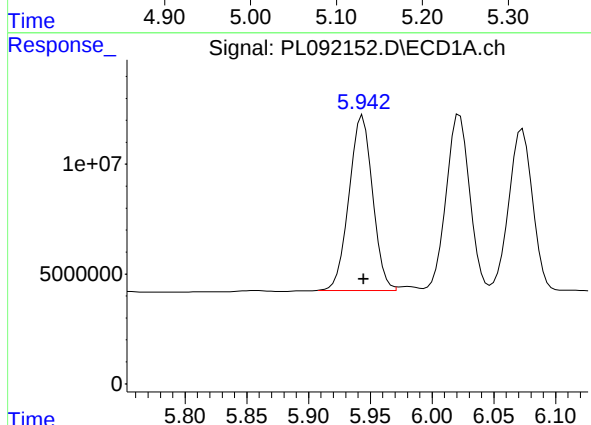
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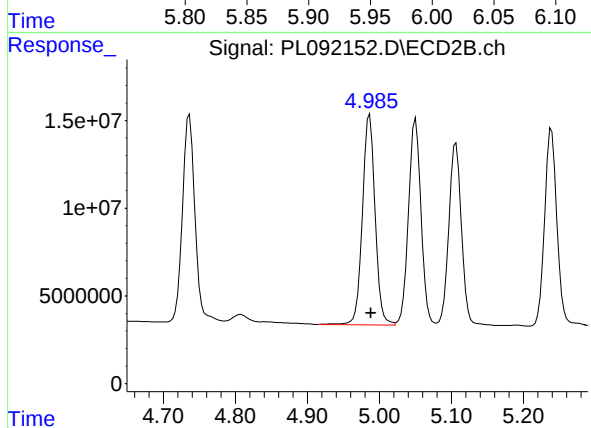
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 126991230
Conc: 46.27 ng/ml



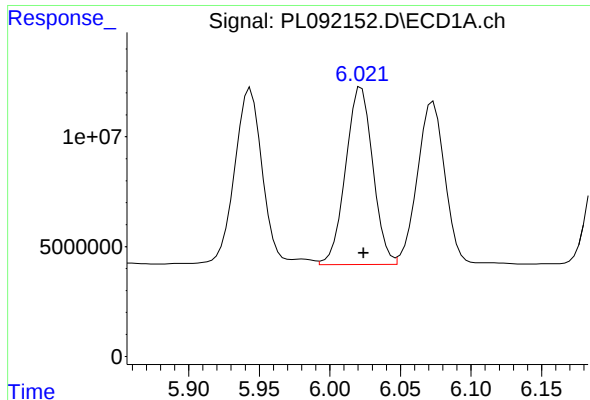
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 106427418
Conc: 43.07 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 146940980
Conc: 48.84 ng/ml



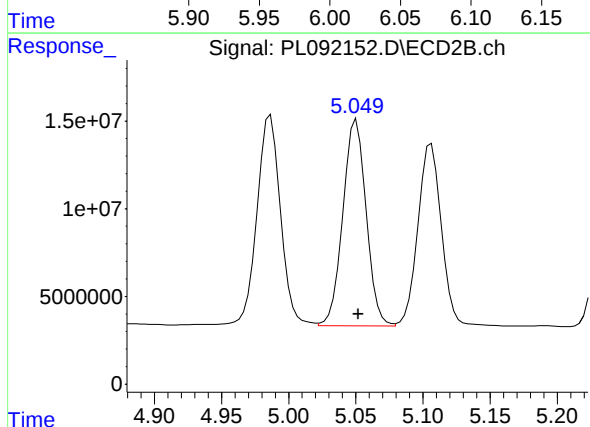
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 108359219
Conc: 43.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

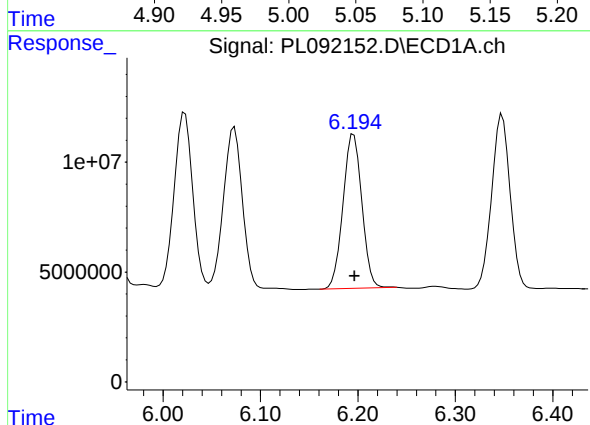
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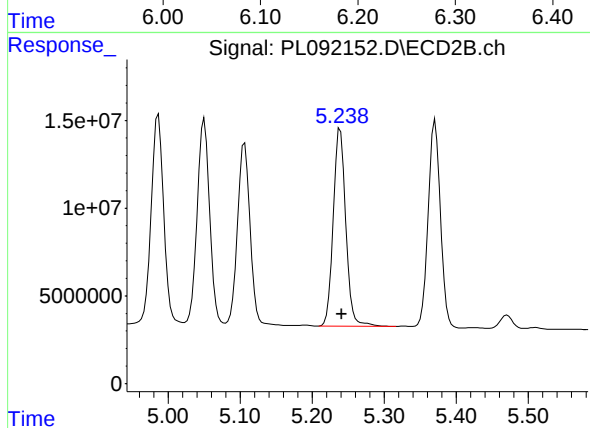
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 142294618
Conc: 47.53 ng/ml



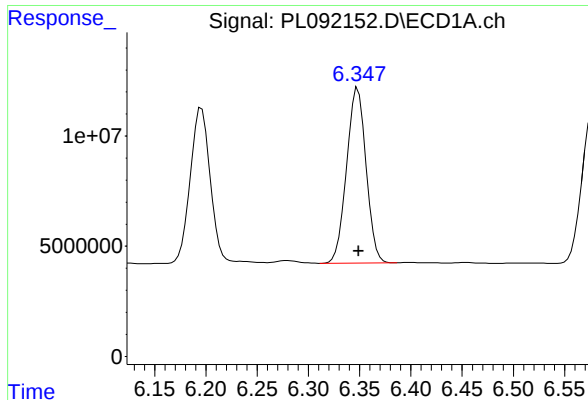
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 94420784
Conc: 43.62 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 135192558
Conc: 48.65 ng/ml



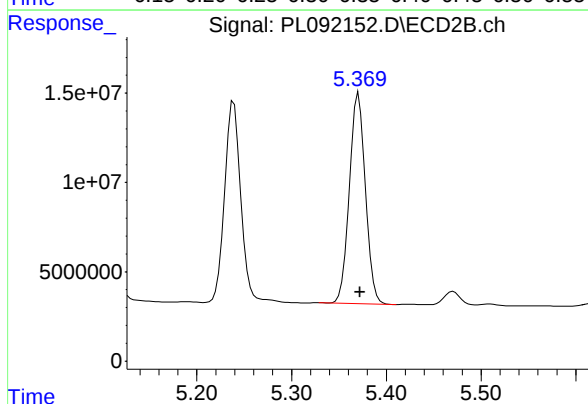
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 104932707
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

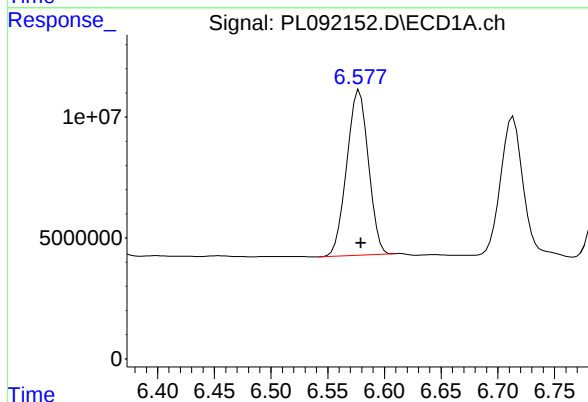
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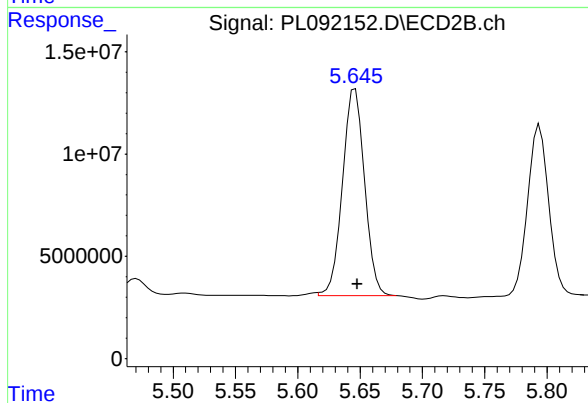
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 138672353
Conc: 47.30 ng/ml



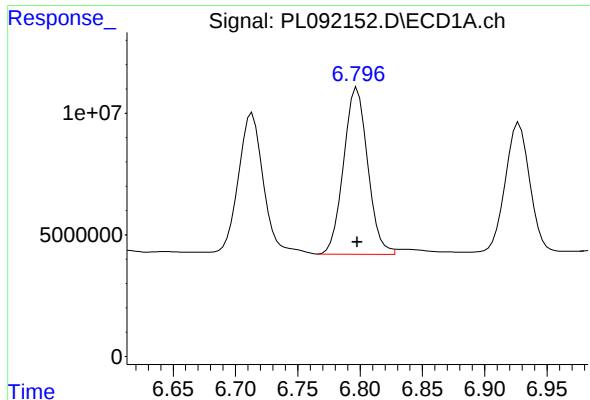
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 90828527
Conc: 44.08 ng/ml



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 124538383
Conc: 47.49 ng/ml m



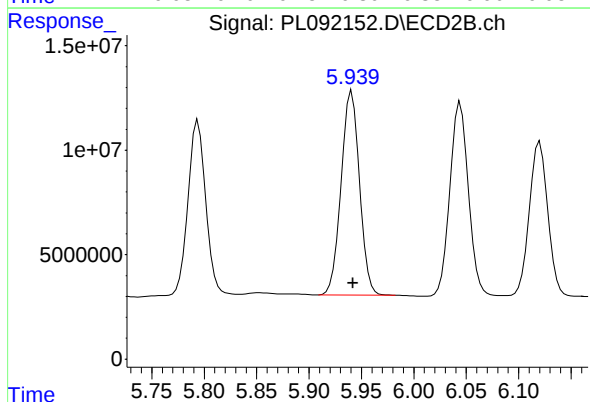
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 92343527
Conc: 41.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

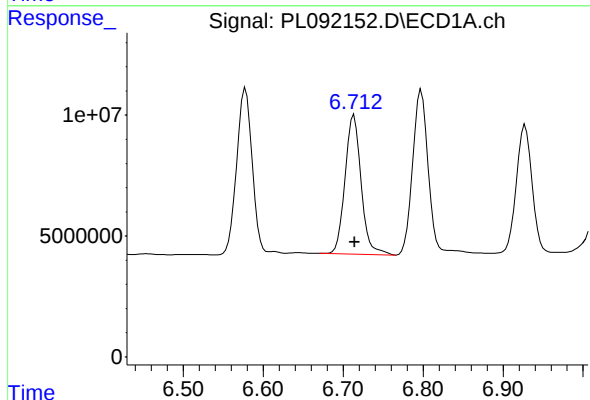
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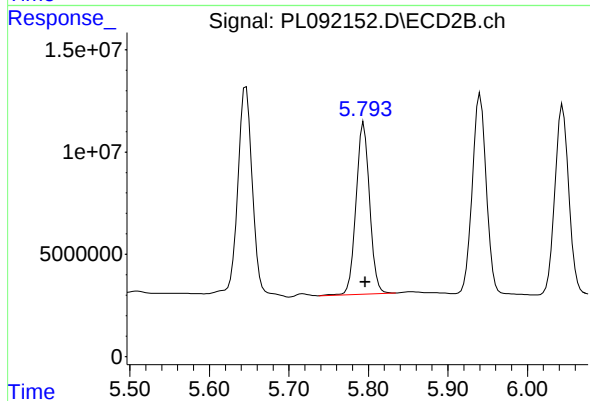
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 119317967
Conc: 47.68 ng/ml



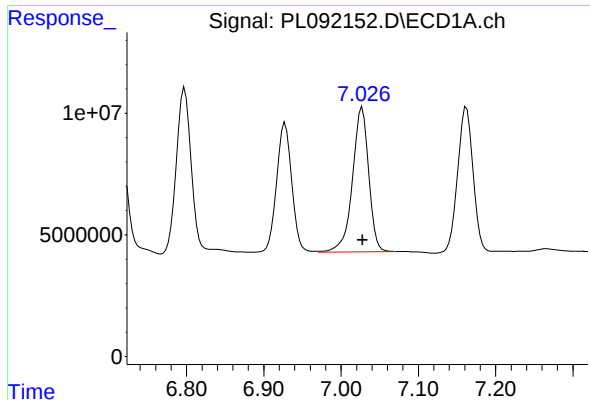
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 80665352
Conc: 44.92 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 99819560
Conc: 46.73 ng/ml



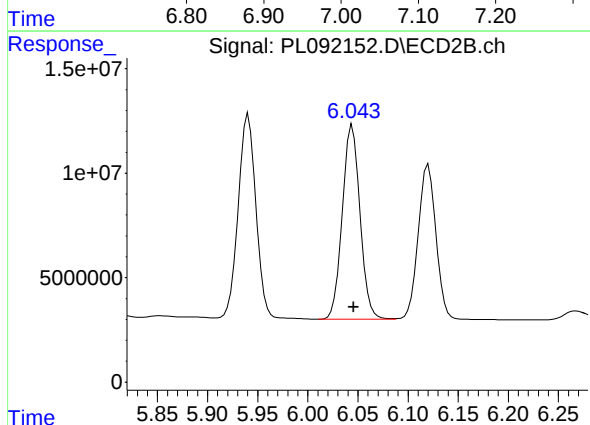
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 86161257
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

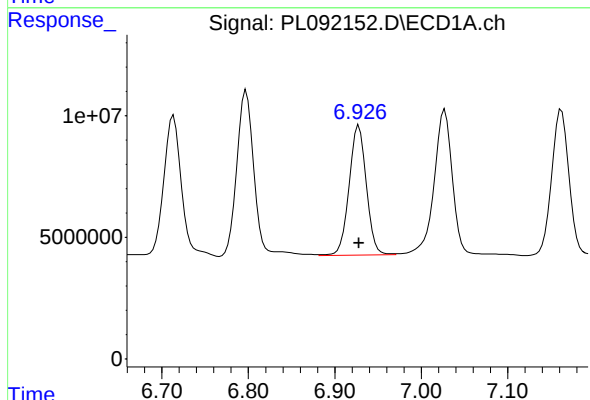
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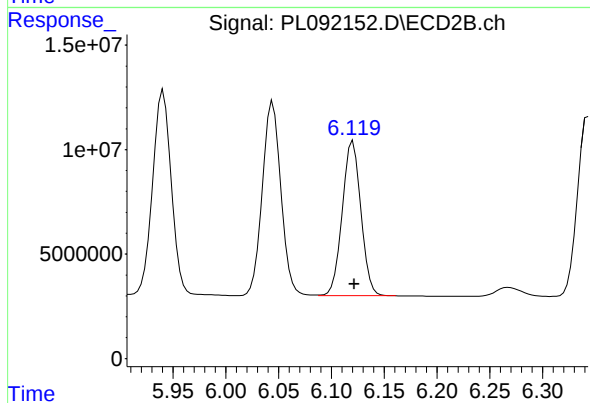
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 114259227
Conc: 49.40 ng/ml



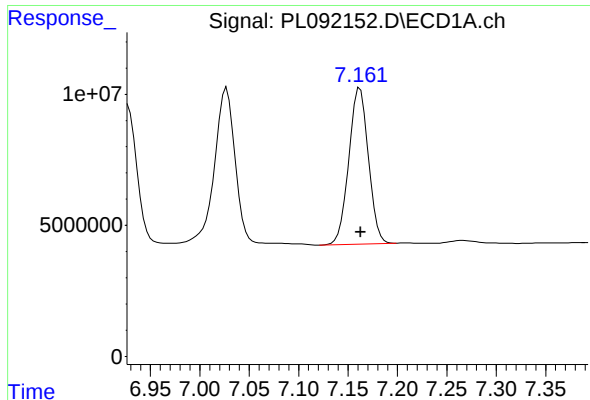
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 73795743
Conc: 42.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 90844138
Conc: 44.52 ng/ml



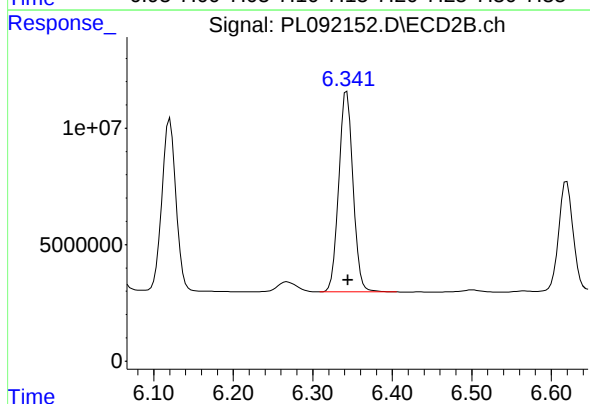
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 82184900
Conc: 41.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

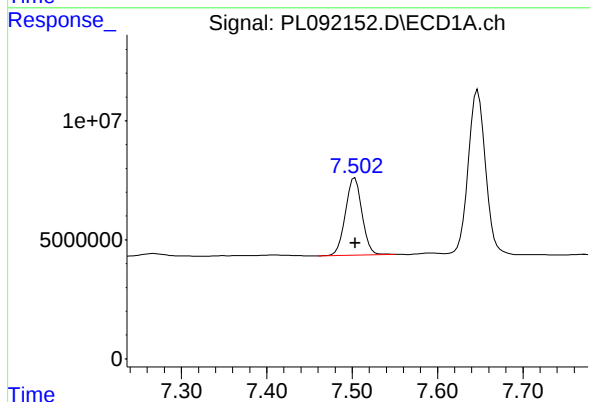
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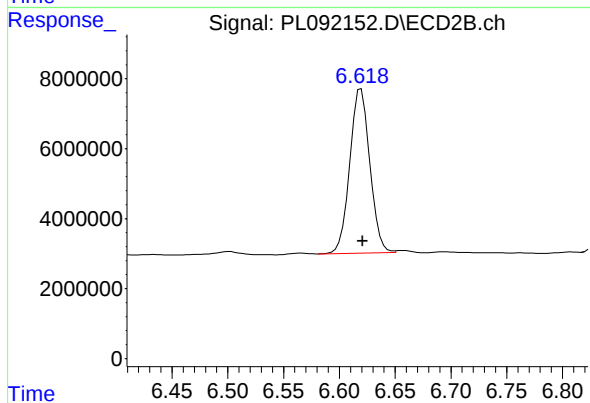
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 107288792
Conc: 44.47 ng/ml



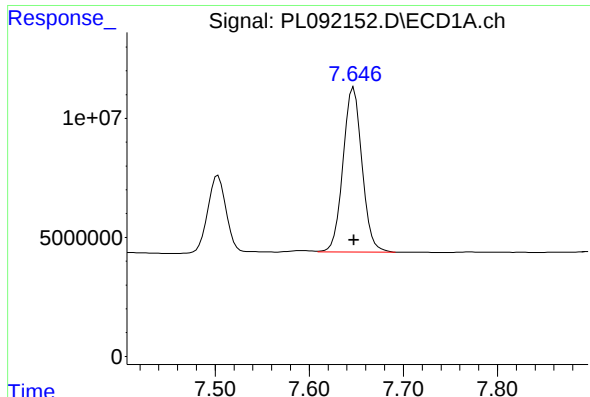
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 43841759
Conc: 44.66 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.001 min
Response: 58776405
Conc: 47.01 ng/ml



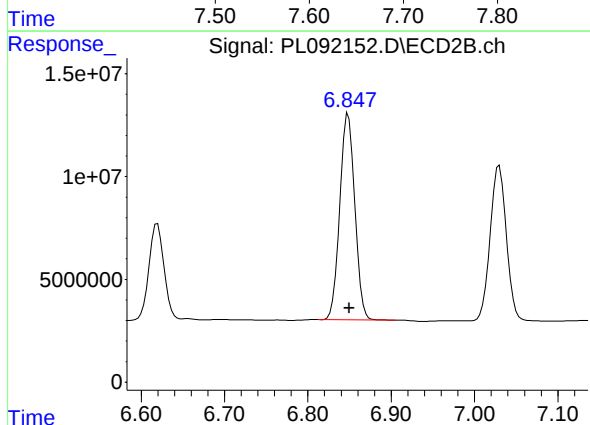
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 96838575
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

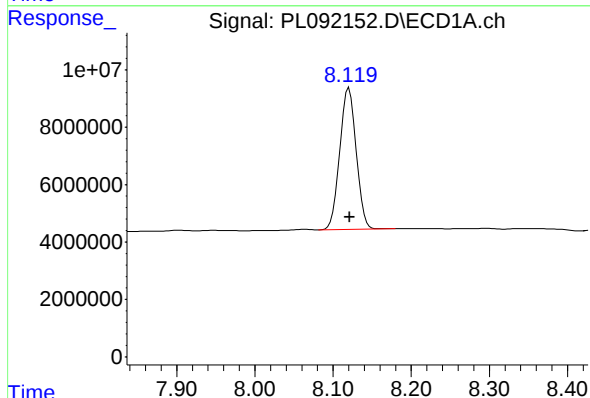
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2024
Supervised By :Ankita Jodhani 10/01/2024



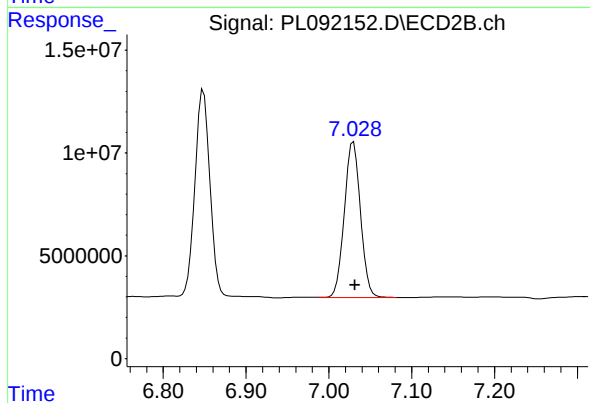
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 125404073
Conc: 45.29 ng/ml



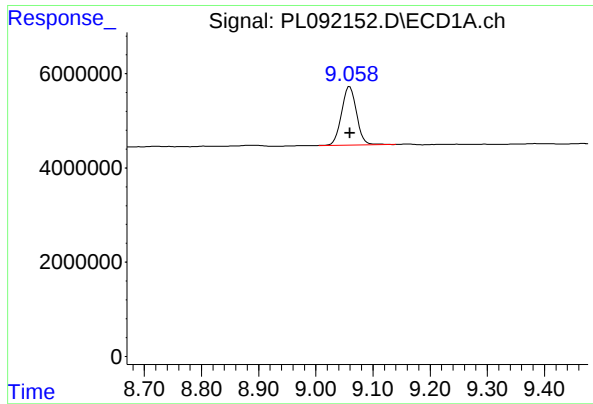
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 72167318
Conc: 40.07 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 102753172
Conc: 42.24 ng/ml



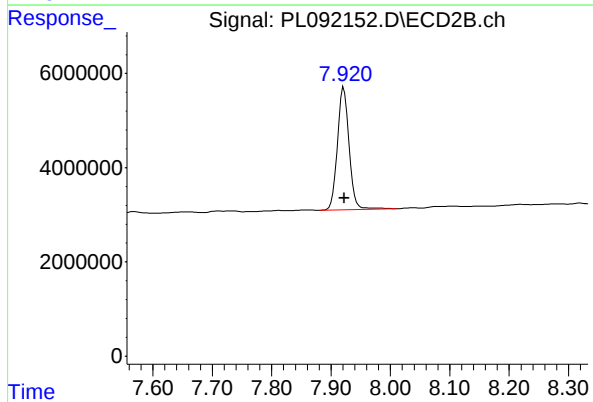
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 22630219
Conc: 13.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-5MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 35547242
Conc: 14.21 ng/ml