

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091824\
 Data File : PL091806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Sep 2024 14:34
 Operator : AR\AJ
 Sample : P4085-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 01:40:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.540	2.779	26641552	33988735	17.093m	18.173m
28) SA Decachlor...	9.060	7.923	22243307	34176305	18.302	18.508
Target Compounds						
2) A alpha-BHC	3.997	3.284	102.1E6	105.7E6	47.281m	39.742
3) MA gamma-BHC...	4.329	3.614	104.4E6	113.9E6	50.809m	46.326
4) MA Heptachlor	4.920	3.954	103.4E6	117.5E6	55.179	48.800
5) MB Aldrin	5.261	4.234	96897066	112.8E6	52.023	49.438
6) B beta-BHC	4.528	3.914	47418499	53136572	52.107	48.639
7) B delta-BHC	4.775	4.143	93164787	108.7E6	48.494	47.241
8) B Heptachlo...	5.688	4.737	87829596	109.9E6	52.633	52.152
9) A Endosulfan I	6.074	5.107	87988760	102.0E6	56.472	52.855
10) B gamma-Chl...	5.944	4.986	91619908	112.1E6	54.837	50.802m
11) B alpha-Chl...	6.023	5.051	92749956	111.9E6	57.543	54.106
12) B 4,4'-DDE	6.196	5.240	82503000	103.7E6	56.561	54.688
13) MA Dieldrin	6.349	5.371	90701591	110.3E6	55.586	53.641
14) MA Endrin	6.577	5.646	78337919	101.0E6	58.915m	53.527m
15) B Endosulfa...	6.797	5.942	83797238	98720136	54.063	55.808
16) A 4,4'-DDD	6.713	5.795	73709166	89184316	58.151	53.221
17) MA 4,4'-DDT	7.027	6.045	76341450	92240387	58.198	57.407
18) B Endrin al...	6.926	6.121	64471557	77029100	54.263m	56.347
19) B Endosulfa...	7.162	6.344	77143542	94792972	55.245	55.237
20) A Methoxychlor	7.503	6.621	40898215	50579142	60.459	57.102
21) B Endrin ke...	7.647	6.849	90038911	110.4E6	58.228	54.903
22) Mirex	8.121	7.031	65947449	89630997	55.074	50.547

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091824\
Data File : PL091806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2024 14:34
Operator : AR\AJ
Sample : P4085-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

COMP-2MS

Manual Integrations

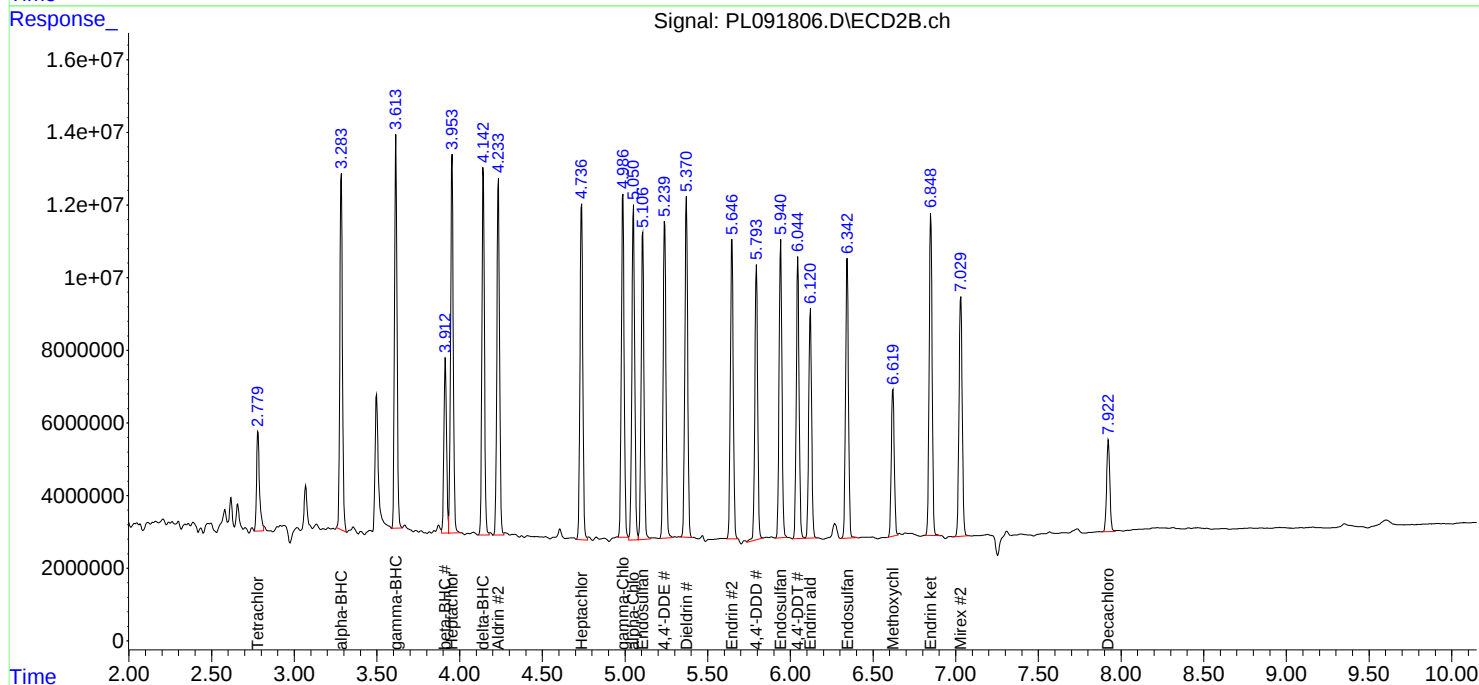
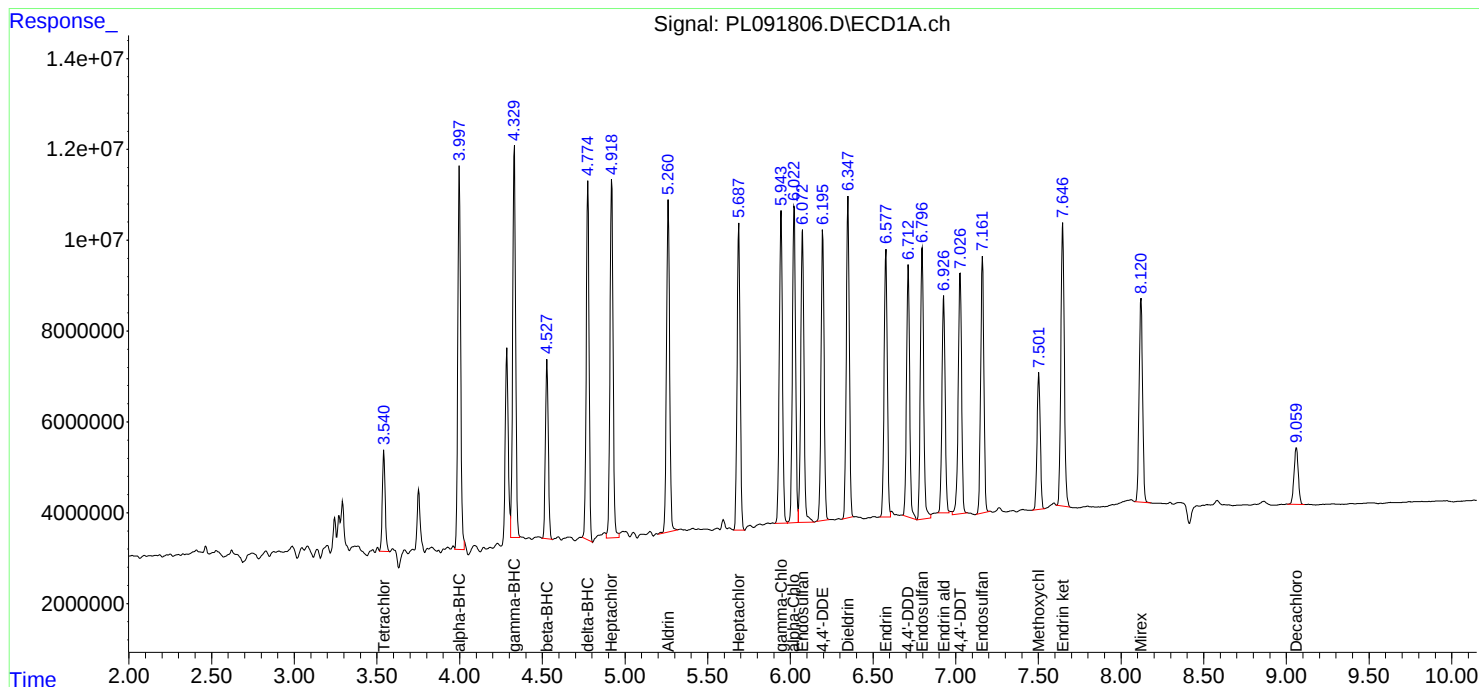
APPROVED

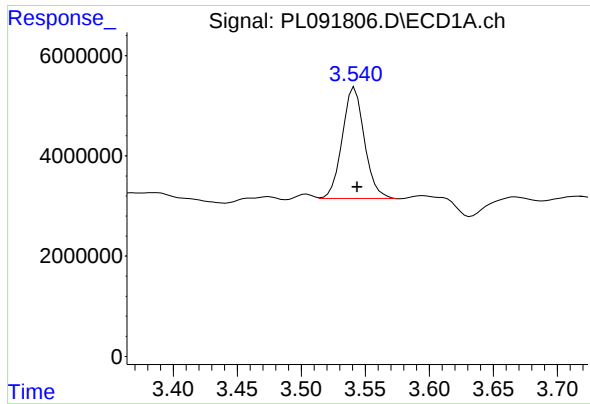
Reviewed By :Abdul Mirza 09/19/2024

Supervised By :Ankita Jodhani 09/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 01:40:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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





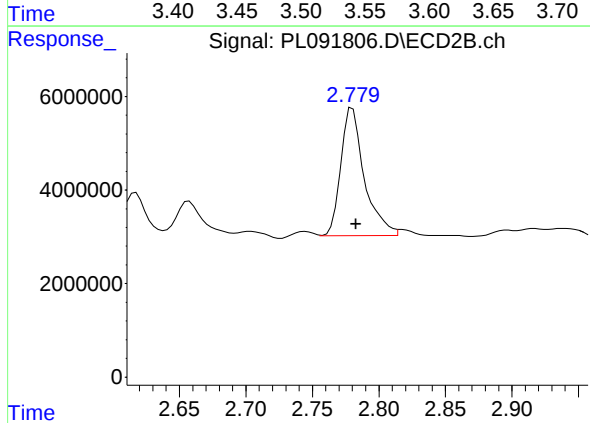
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 26641552
Conc: 17.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

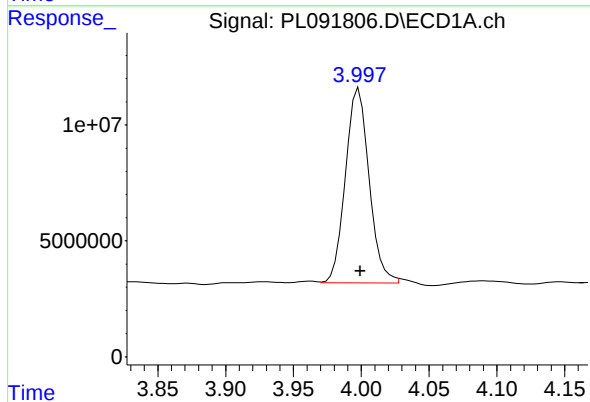
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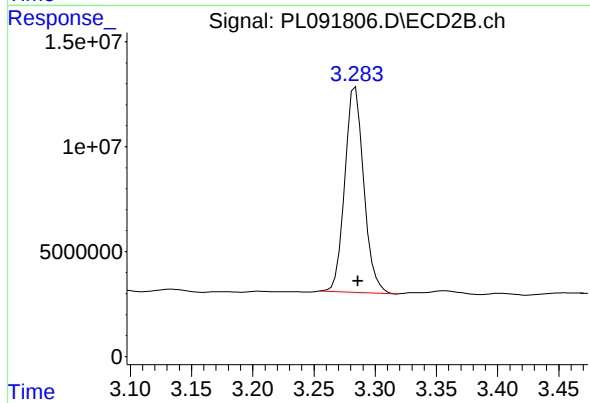
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.004 min
Response: 33988735
Conc: 18.17 ng/ml m



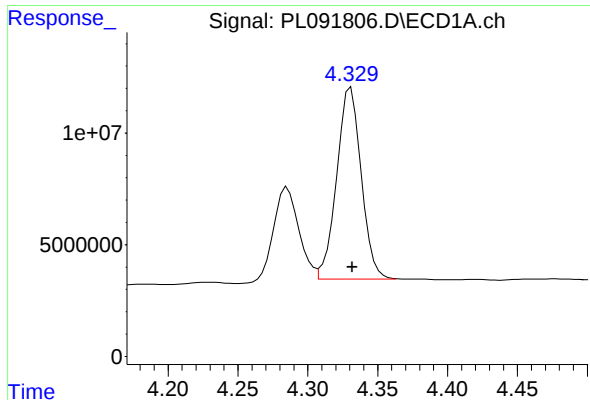
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 102122409
Conc: 47.28 ng/ml m



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 105696880
Conc: 39.74 ng/ml



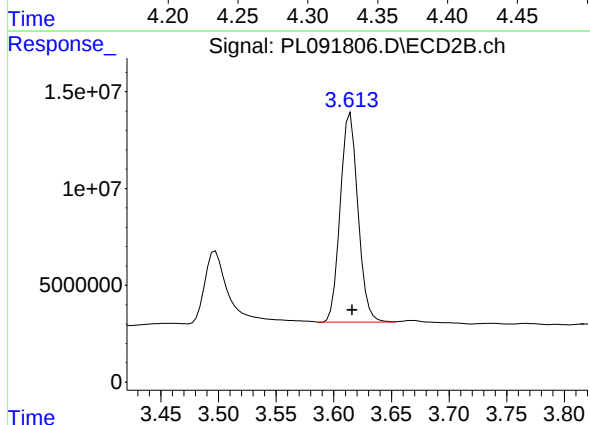
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 104447205
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

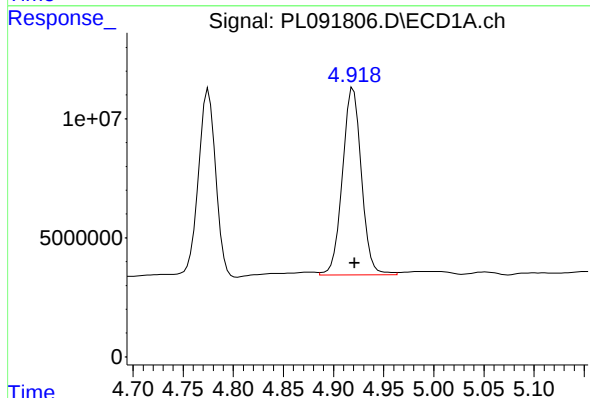
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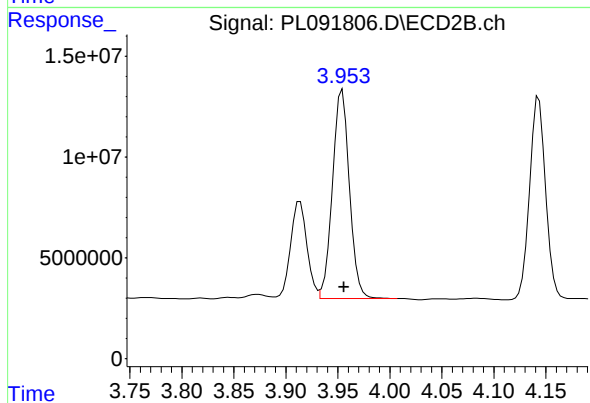
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 113937414
Conc: 46.33 ng/ml



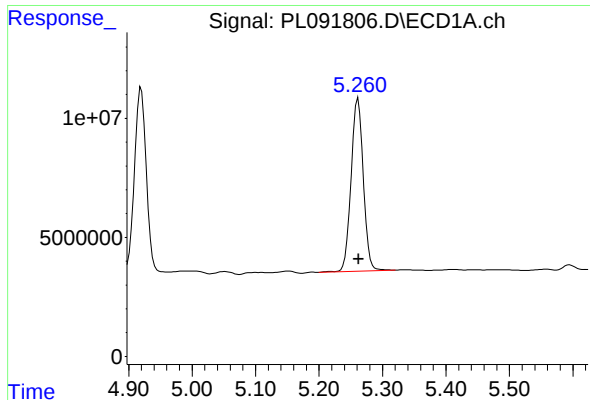
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.001 min
Response: 103350883
Conc: 55.18 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 117525115
Conc: 48.80 ng/ml



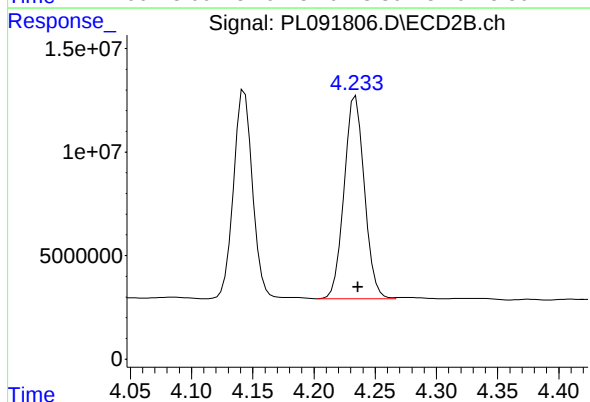
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 96897066
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

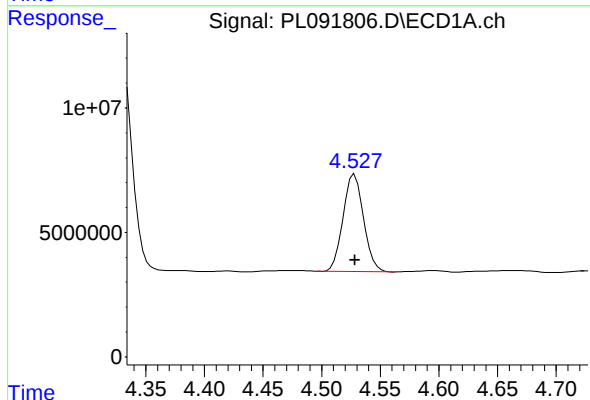
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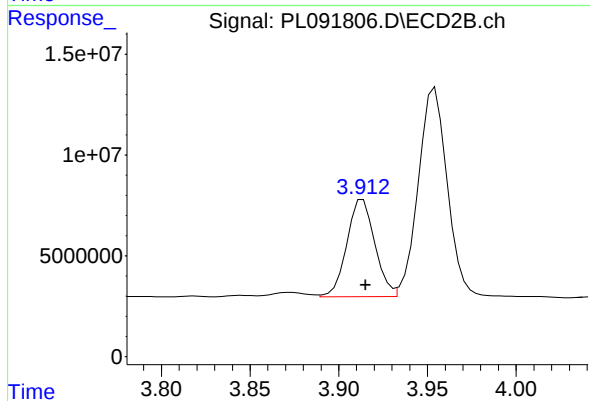
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 112793803
Conc: 49.44 ng/ml



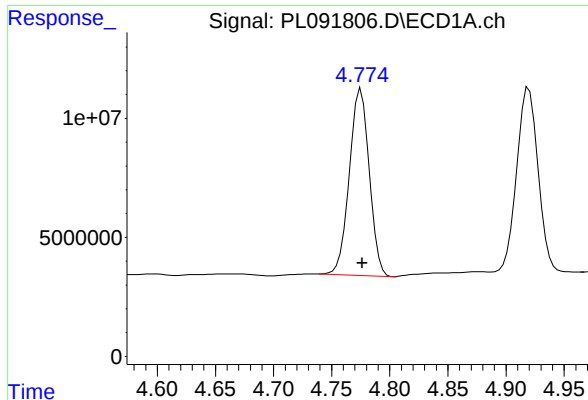
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 47418499
Conc: 52.11 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 53136572
Conc: 48.64 ng/ml



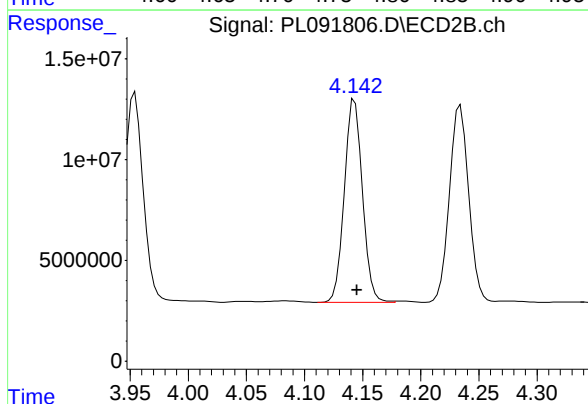
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 93164787
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

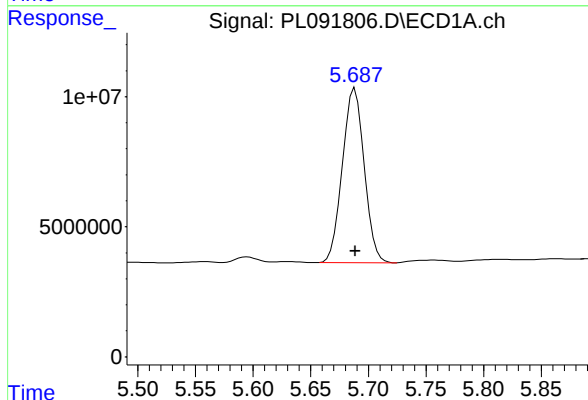
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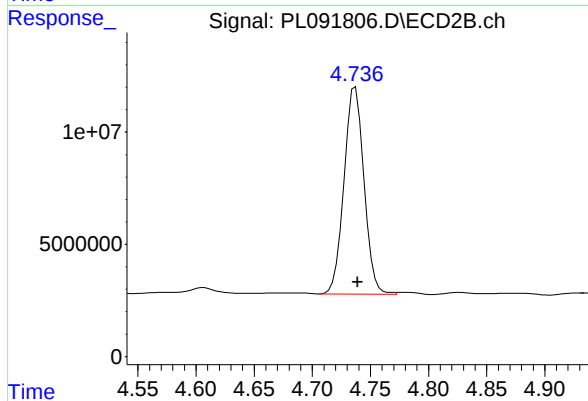
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 108687845
Conc: 47.24 ng/ml



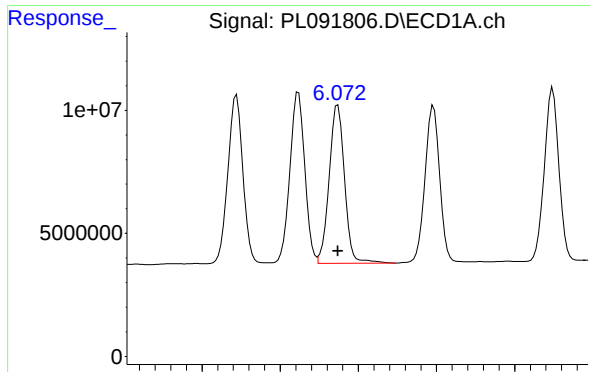
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 87829596
Conc: 52.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 109921343
Conc: 52.15 ng/ml



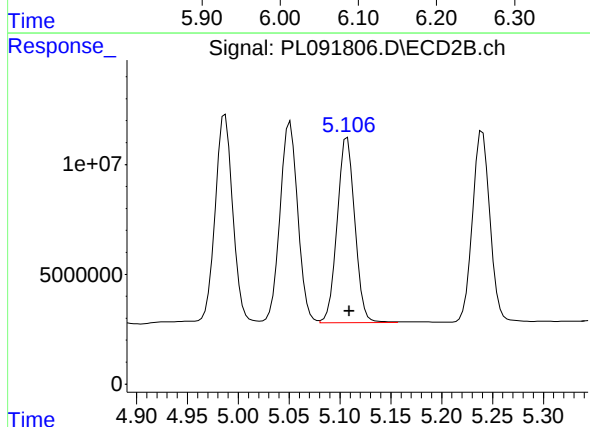
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 87988760
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

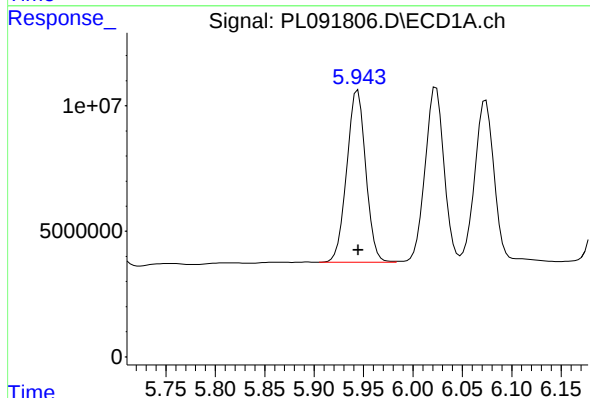
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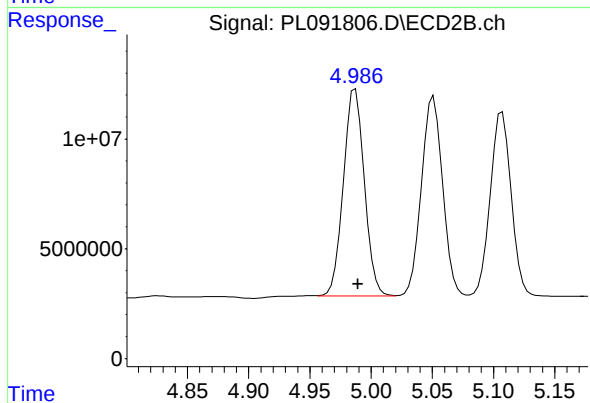
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 101974489
Conc: 52.85 ng/ml



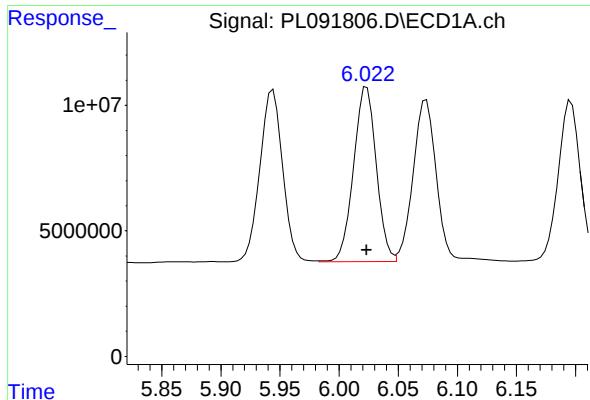
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 91619908
Conc: 54.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 112051668
Conc: 50.80 ng/ml m



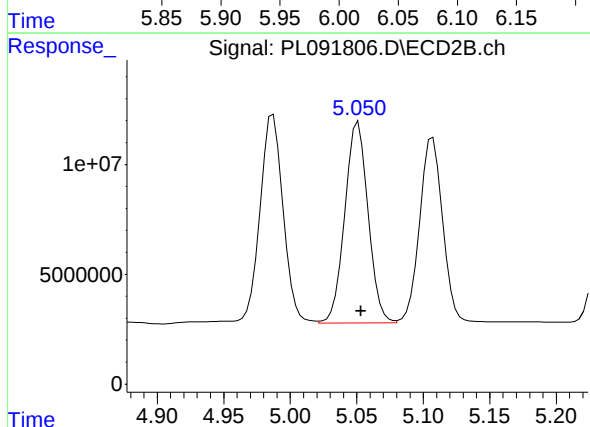
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 92749956
Conc: 57.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

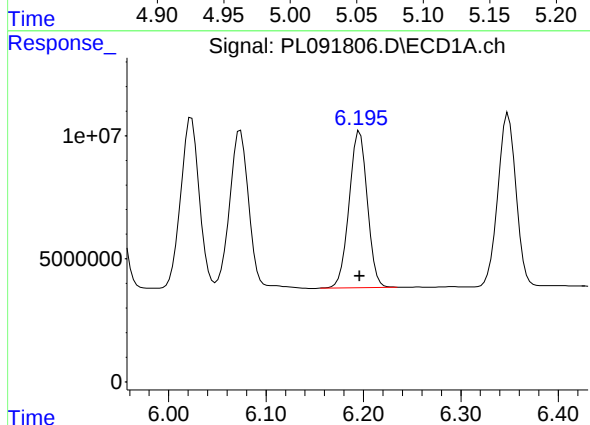
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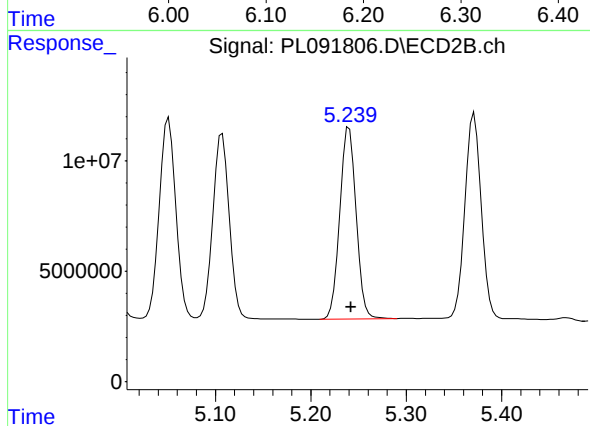
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 111944696
Conc: 54.11 ng/ml



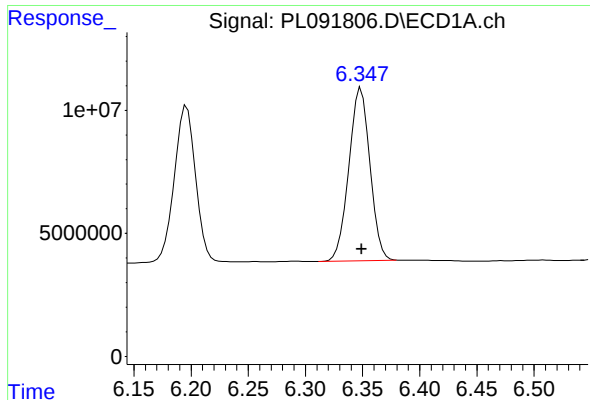
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 82503000
Conc: 56.56 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 103726837
Conc: 54.69 ng/ml



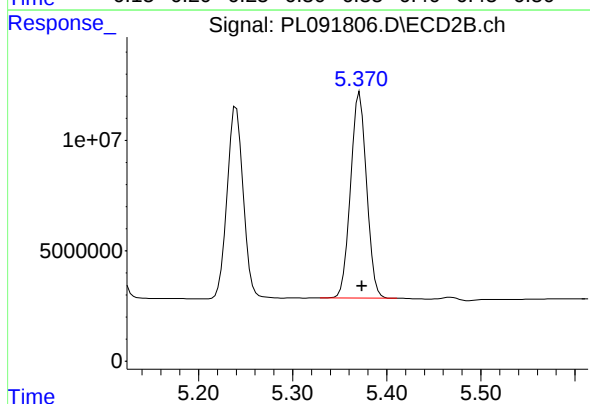
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 90701591
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

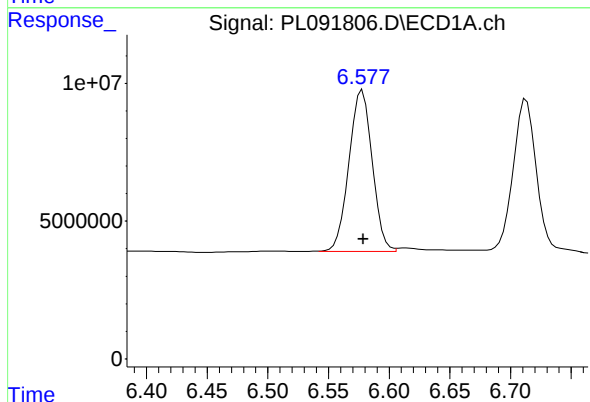
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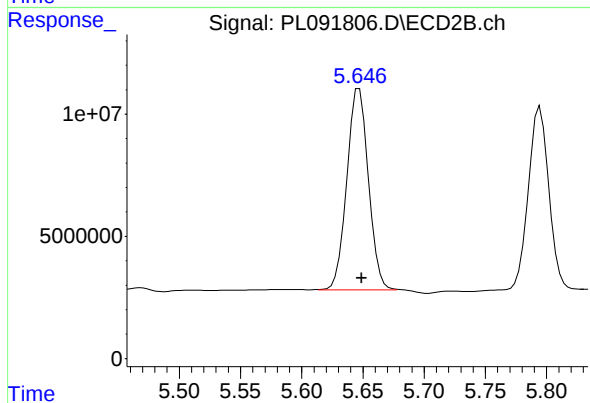
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 110254819
Conc: 53.64 ng/ml



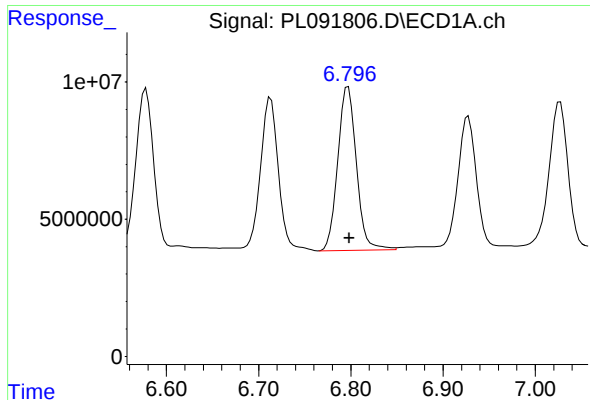
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 78337919
Conc: 58.91 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 101015281
Conc: 53.53 ng/ml m



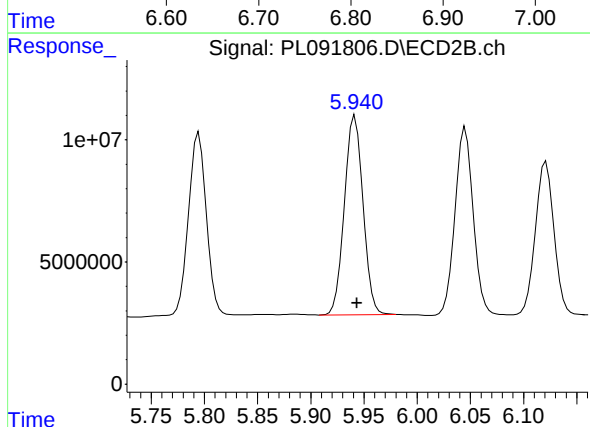
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 83797238
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

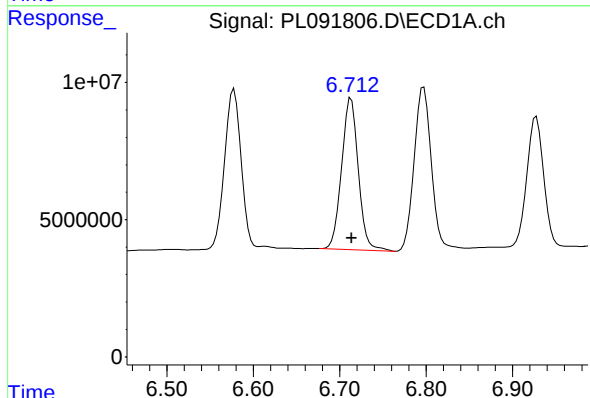
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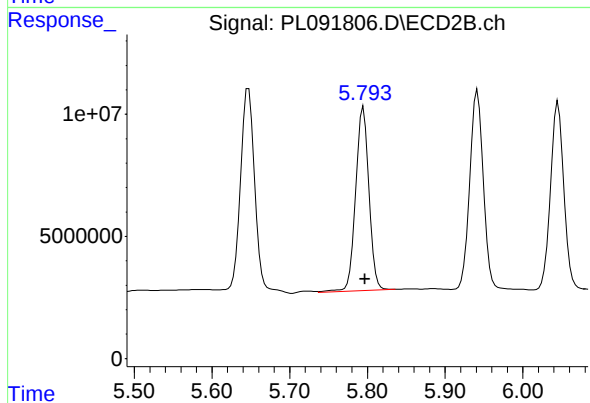
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 98720136
Conc: 55.81 ng/ml



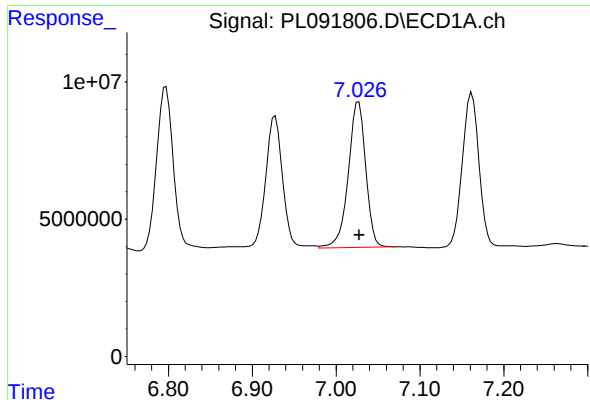
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 73709166
Conc: 58.15 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 89184316
Conc: 53.22 ng/ml



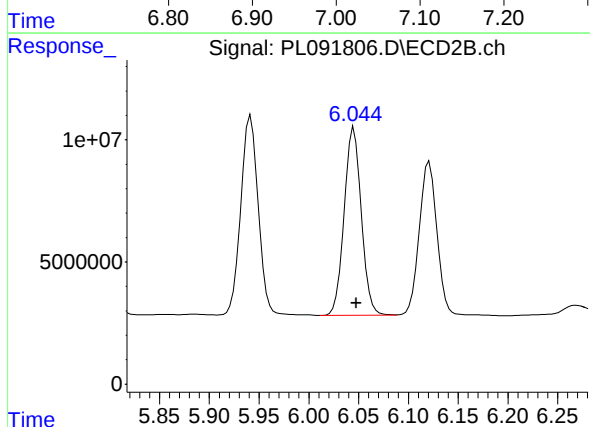
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 76341450
Conc: 58.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

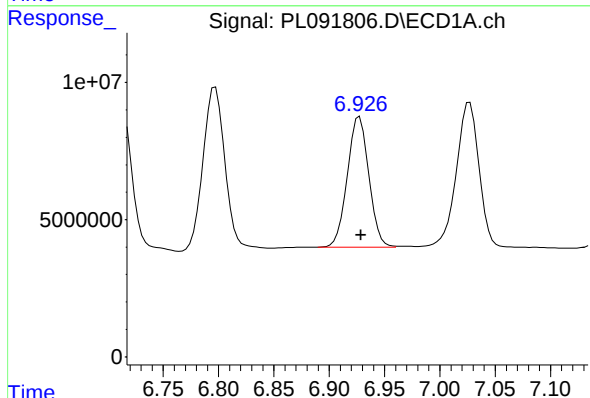
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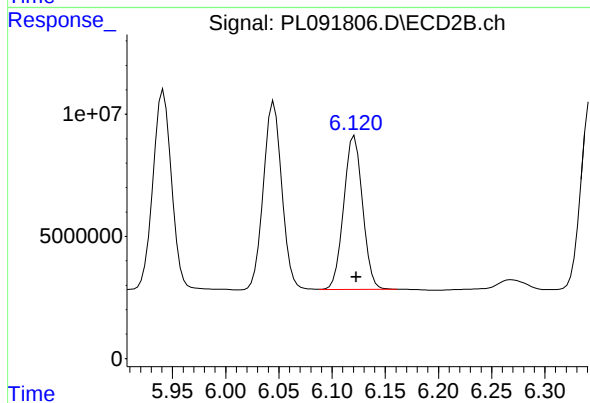
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 92240387
Conc: 57.41 ng/ml



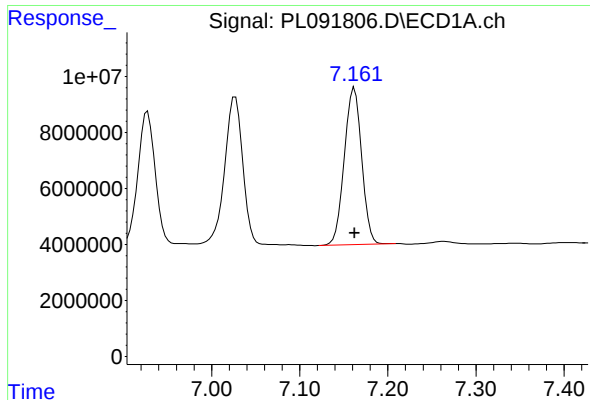
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 64471557
Conc: 54.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 77029100
Conc: 56.35 ng/ml



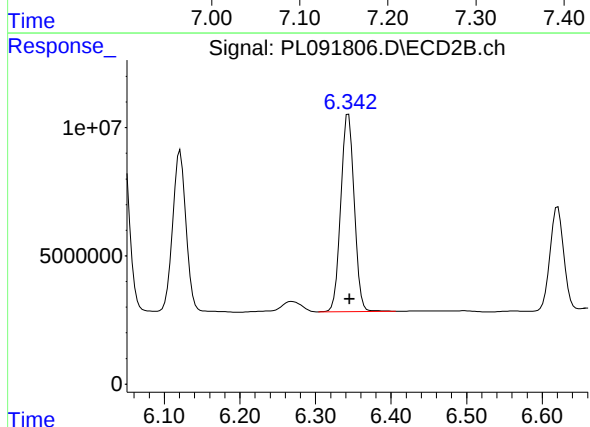
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 77143542
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

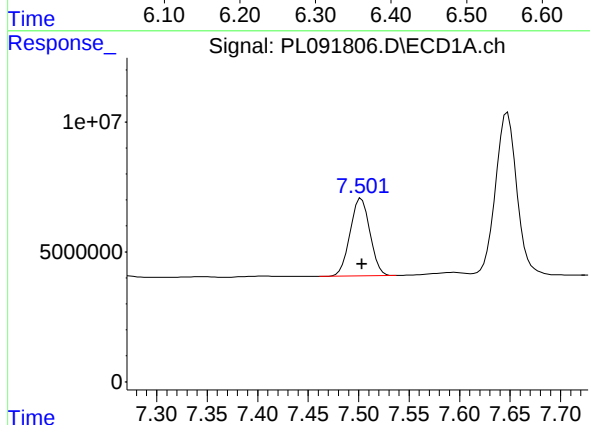
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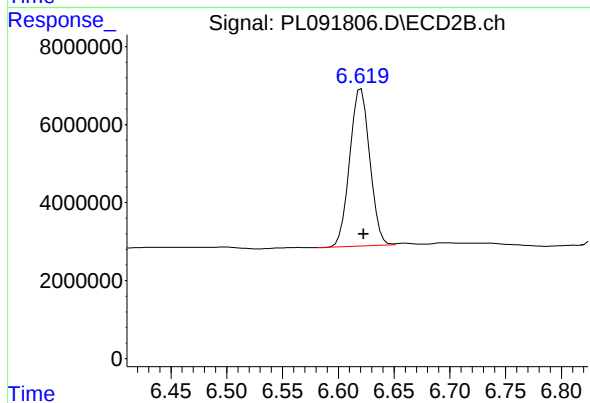
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 94792972
Conc: 55.24 ng/ml



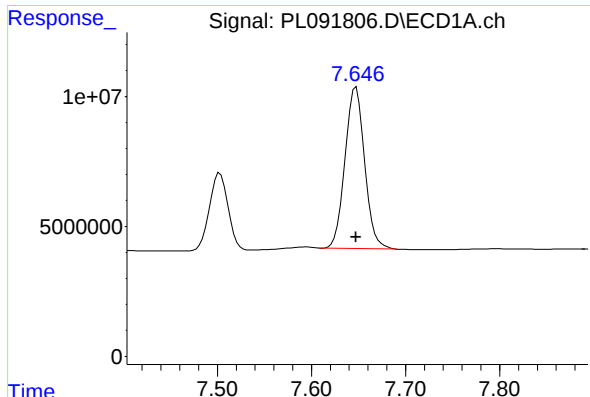
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 40898215
Conc: 60.46 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 50579142
Conc: 57.10 ng/ml



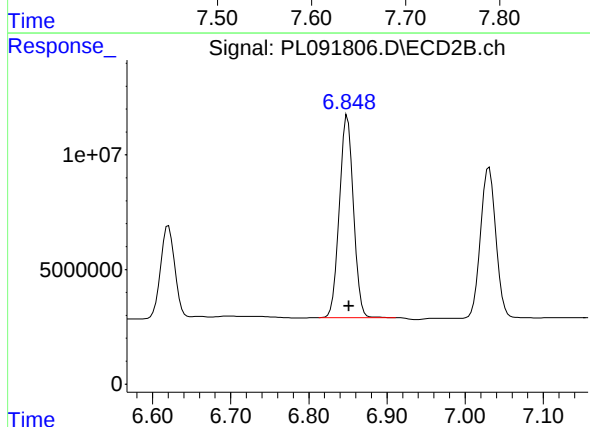
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 90038911
Conc: 58.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

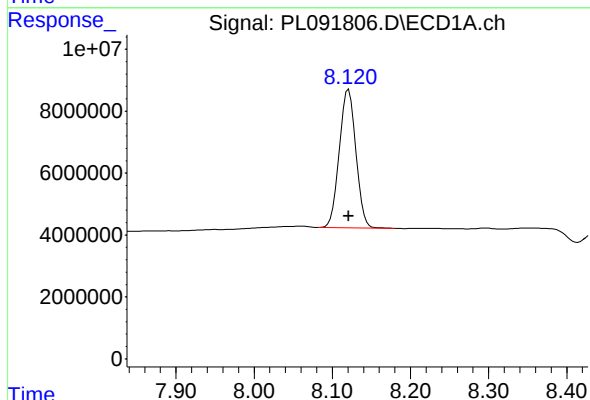
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2024
Supervised By :Ankita Jodhani 09/19/2024



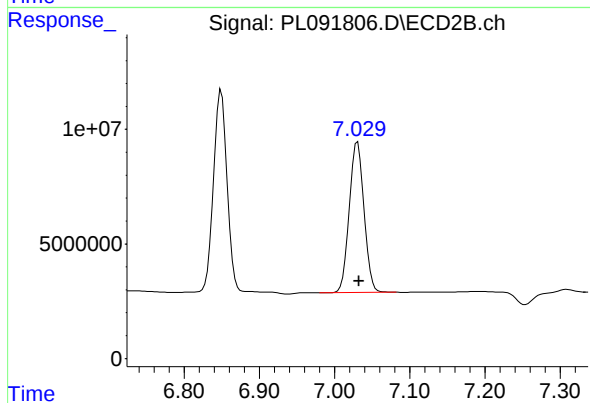
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 110433026
Conc: 54.90 ng/ml



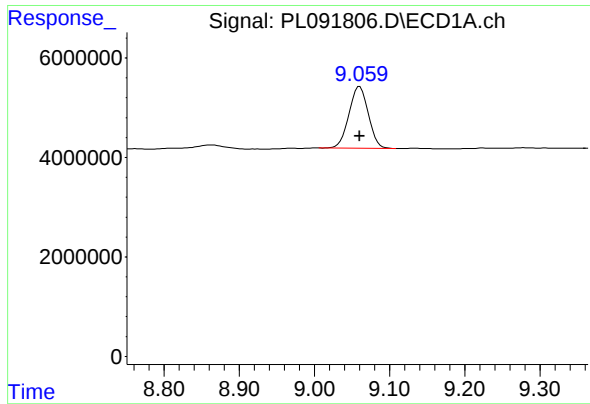
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 65947449
Conc: 55.07 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 89630997
Conc: 50.55 ng/ml



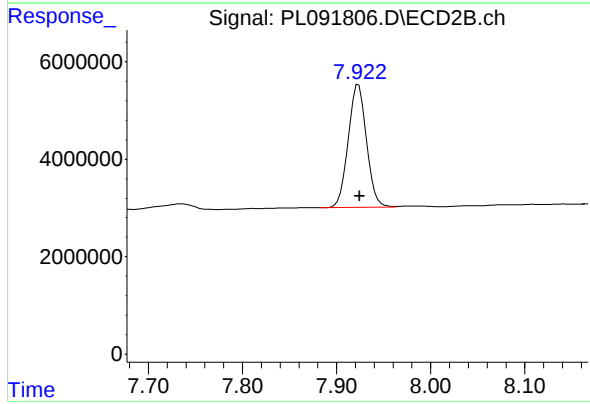
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 22243307
Conc: 18.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-2MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.001 min
Response: 34176305
Conc: 18.51 ng/ml