

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 16:07
 Operator : AR\AJ
 Sample : Q1787-09MSD 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:24:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.535	2.768	9264274	12669225	3.377m	3.405
28) SA Decachlor...	9.054	7.902	9269885	14233183	3.850m	3.235
Target Compounds						
2) A alpha-BHC	3.991	3.268	39867678	44291459	9.919m	7.998m
3) MA gamma-BHC...	4.324	3.600	40768549	45478730	10.601m	8.641
4) MA Heptachlor	4.913	3.937	36482553	44761867	9.950	8.609
5) MB Aldrin	5.255	4.216	37679847	43850263	10.677	8.998
6) B beta-BHC	4.524	3.901	17875384	22496712	10.195m	9.709
7) B delta-BHC	4.769	4.128	45974254	40676053	11.732m	7.868 #
8) B Heptachlo...	5.681	4.719	35233588	43031373	10.974m	9.419
9) A Endosulfan I	6.067	5.090	31249322	27722459	10.086m	6.386 #
10) B gamma-Chl...	5.937	4.969	33982387	45183360	10.173m	9.380
11) B alpha-Chl...	6.016	5.033	34630731	45799727	10.433m	9.663
12) B 4,4'-DDE	6.191	5.220	21933205	47371454	6.708	9.839m#
13) MA Dieldrin	6.343	5.352	32782224	44733307	9.949	9.319m
14) MA Endrin	6.571	5.627	28374927	40548073	10.888m	9.707m
15) B Endosulfa...	6.794	5.923	27911356	38974243	9.785	8.877m
16) A 4,4'-DDD	6.708	5.775	24972265	32180128	9.835m	8.273m
17) MA 4,4'-DDT	7.024	6.027	26326991	34498820	10.342	8.281
18) B Endrin al...	6.924	6.102	15466247	19297408	7.027	5.727m
19) B Endosulfa...	7.157	6.325	25282540	32479666	9.839m	7.777m
20) A Methoxychlor	7.501	6.601	12695510	16367545	9.478	7.288m
21) B Endrin ke...	7.643	6.830	27799934	38141123	9.630m	7.565m
22) Mirex	8.116	7.011	21559649	30073842	10.135m	7.649

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 16:07
Operator : AR\AJ
Sample : Q1787-09MSD 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

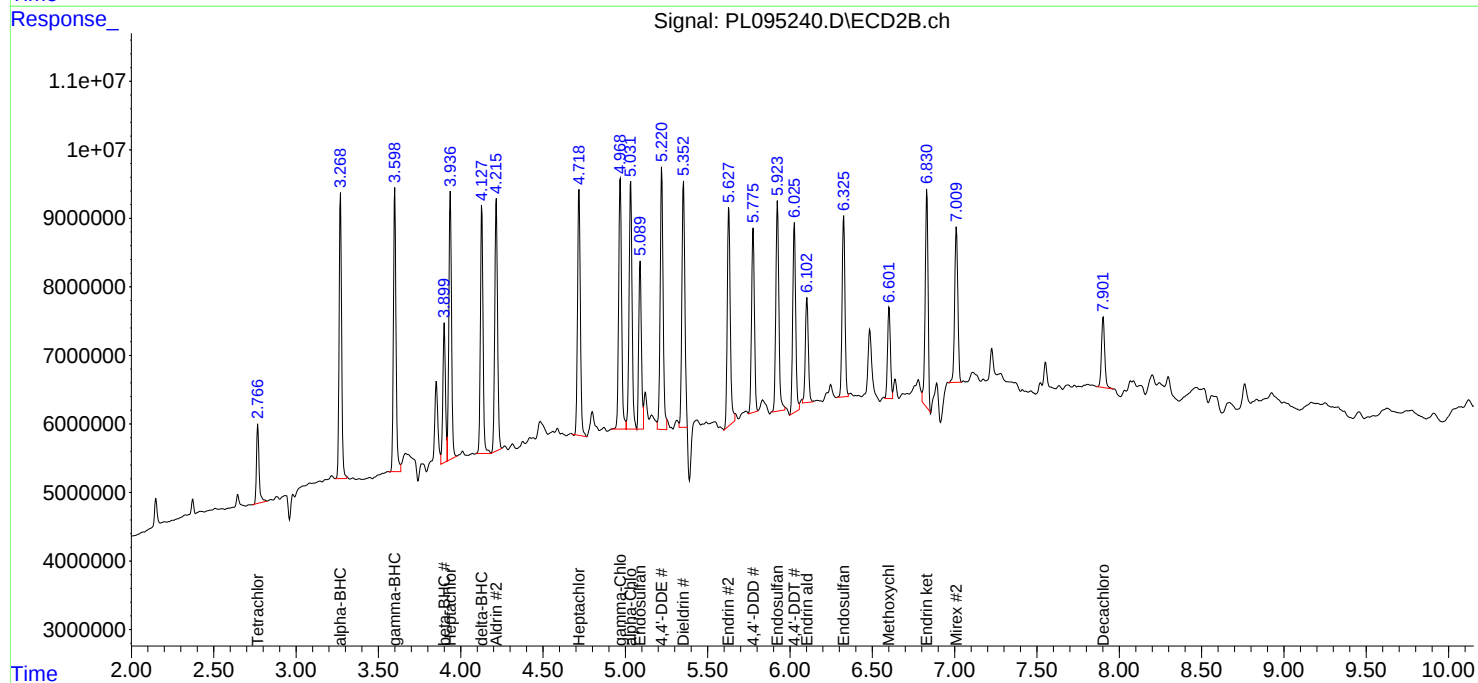
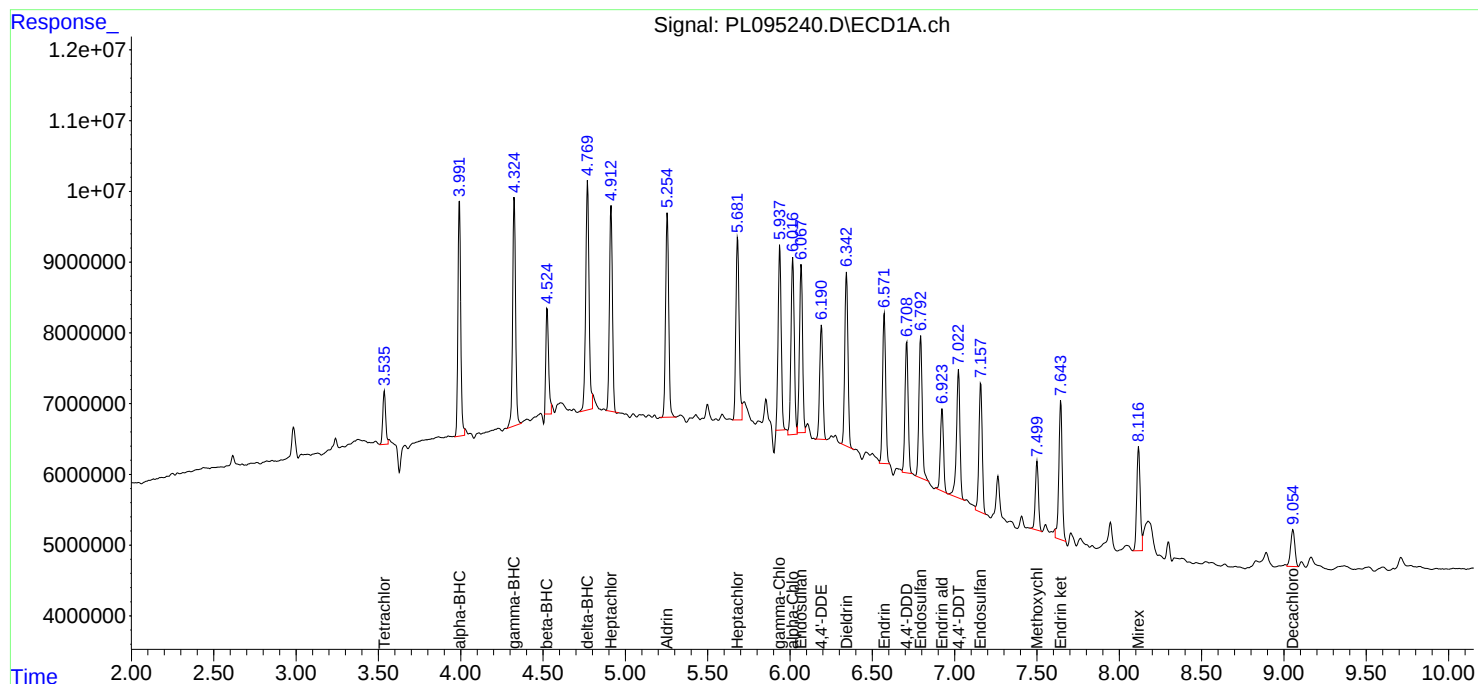
Instrument :
ECD_L
ClientSampleId :
TP-1MSD

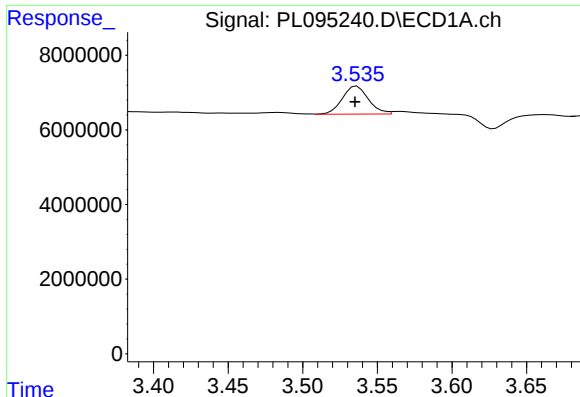
Manual Integrations
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Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 2025
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





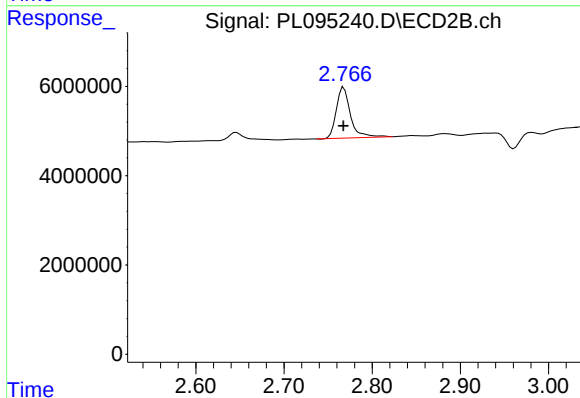
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 9264274
Conc: 3.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

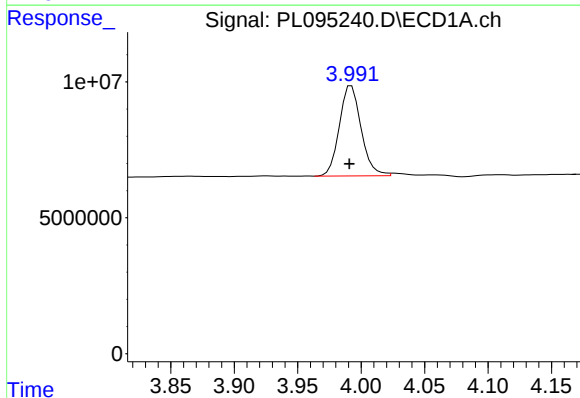
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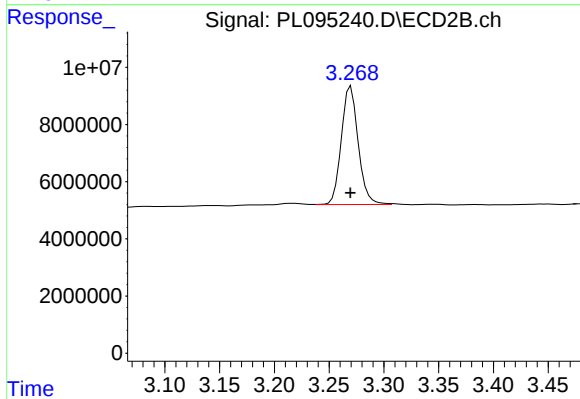
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 12669225
Conc: 3.40 ng/ml



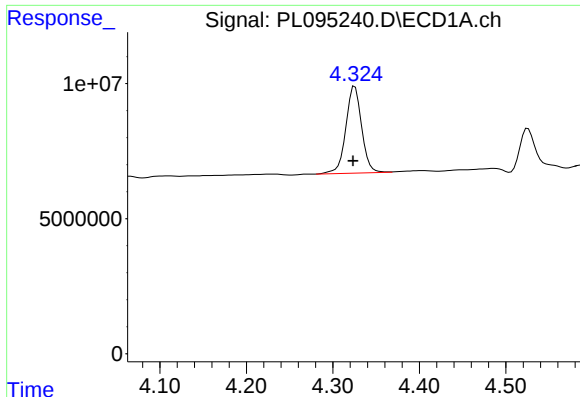
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 39867678
Conc: 9.92 ng/ml m



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: 0.000 min
Response: 44291459
Conc: 8.00 ng/ml m



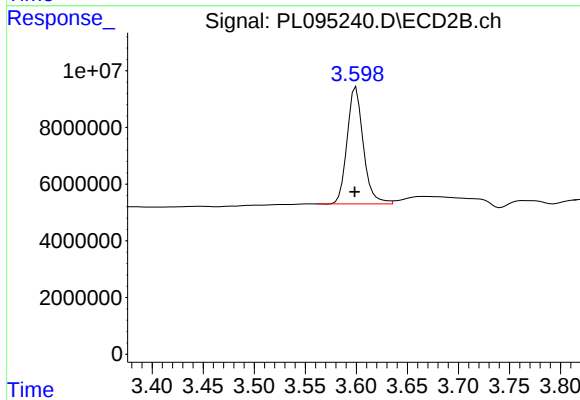
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 40768549
Conc: 10.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

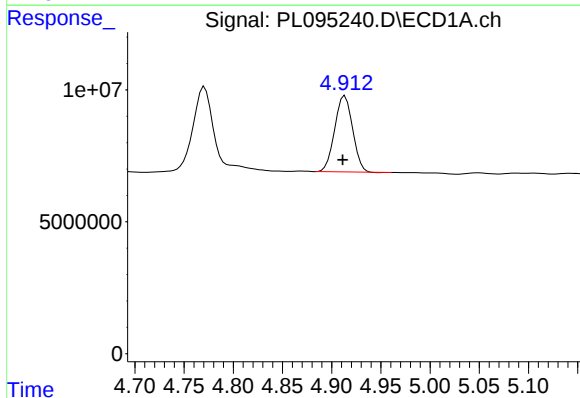
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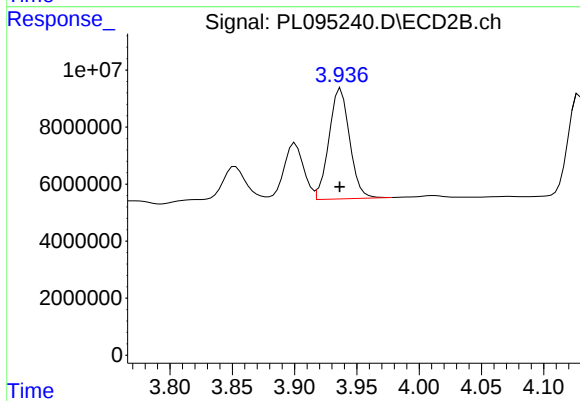
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.001 min
Response: 45478730
Conc: 8.64 ng/ml



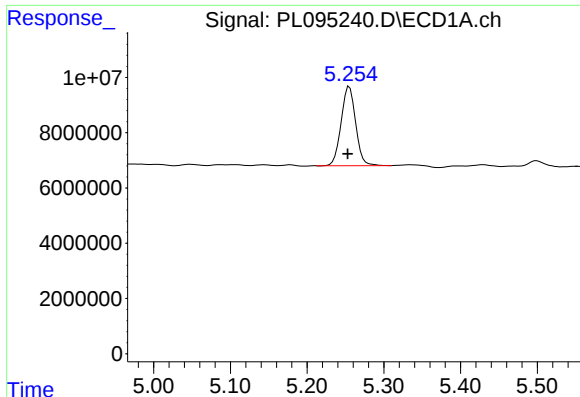
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 36482553
Conc: 9.95 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 44761867
Conc: 8.61 ng/ml



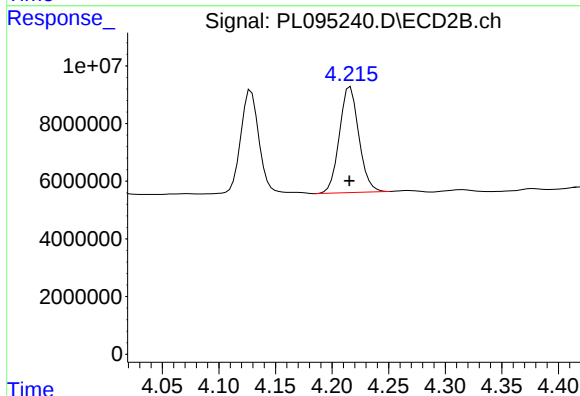
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 37679847
Conc: 10.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

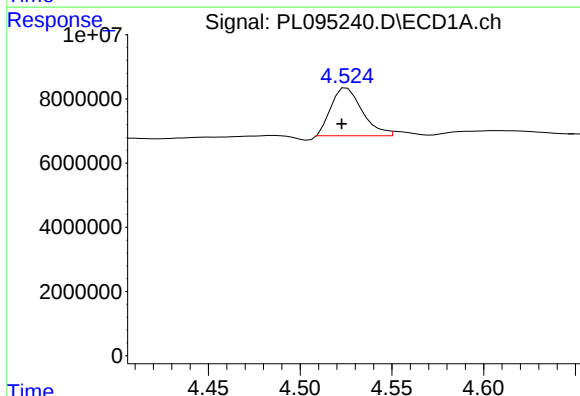
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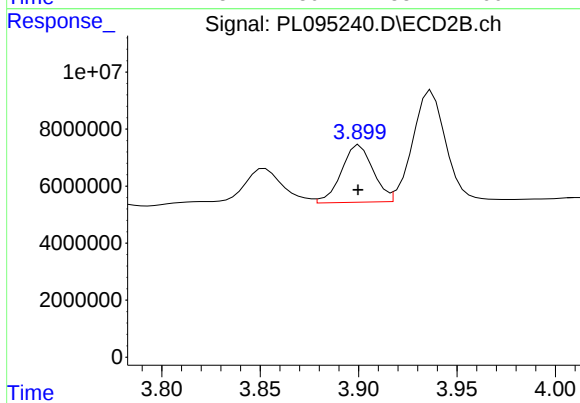
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 43850263
Conc: 9.00 ng/ml



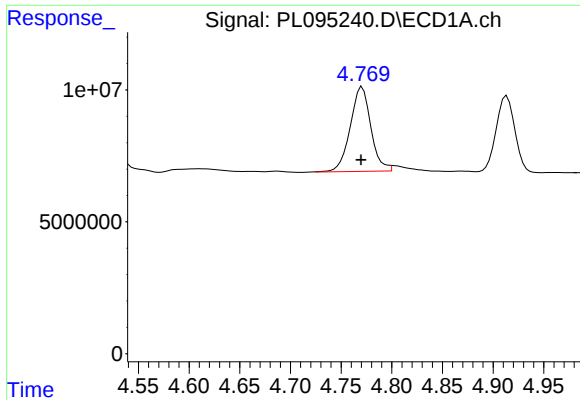
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 17875384
Conc: 10.20 ng/ml m



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 22496712
Conc: 9.71 ng/ml



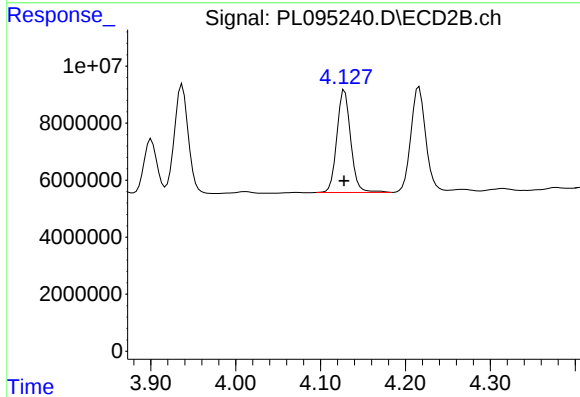
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 45974254
Conc: 11.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

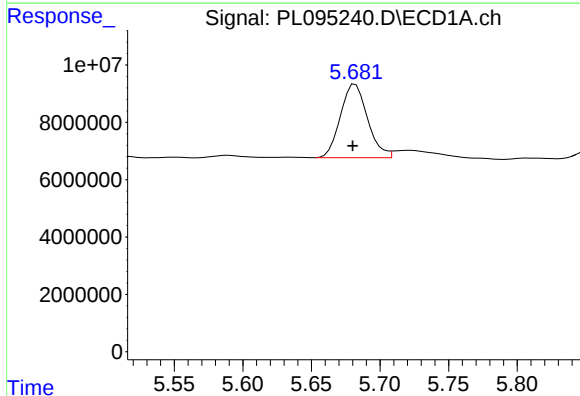
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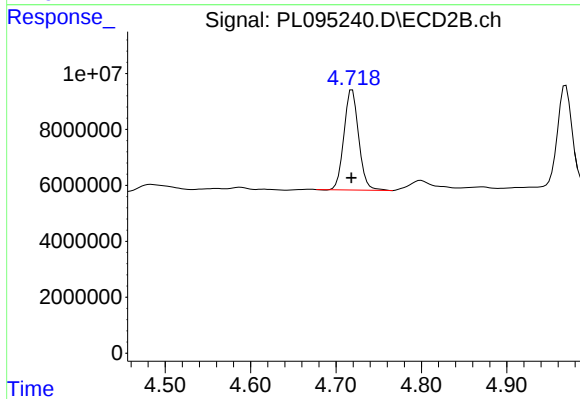
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 40676053
Conc: 7.87 ng/ml



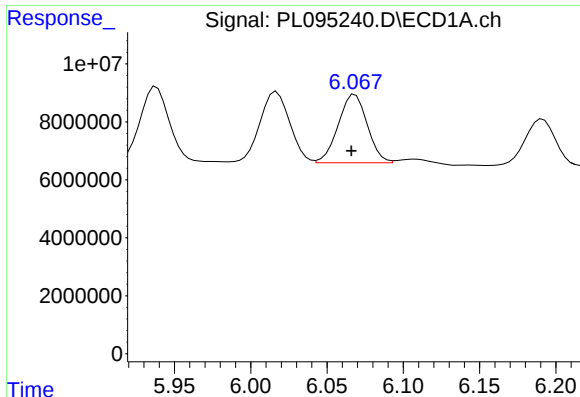
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 35233588
Conc: 10.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.001 min
Response: 43031373
Conc: 9.42 ng/ml



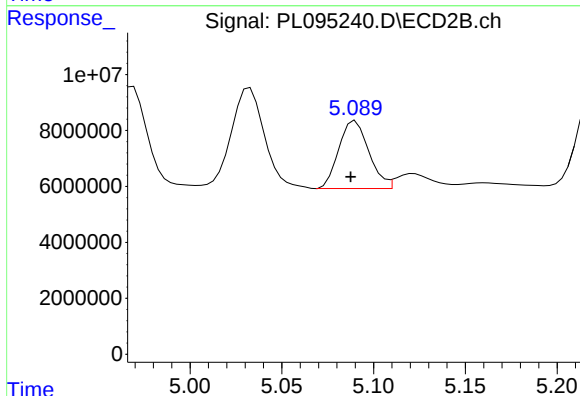
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 31249322
Conc: 10.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

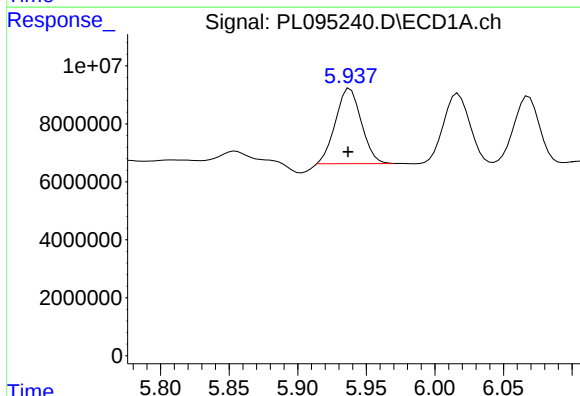
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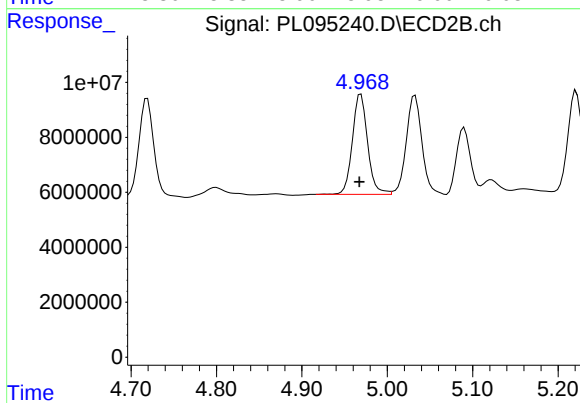
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 27722459
Conc: 6.39 ng/ml



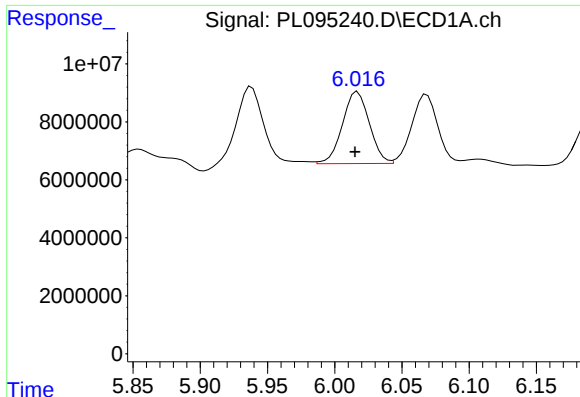
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 33982387
Conc: 10.17 ng/ml m



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 45183360
Conc: 9.38 ng/ml



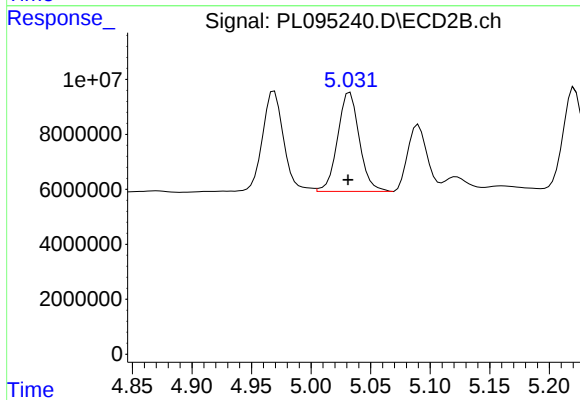
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 34630731
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

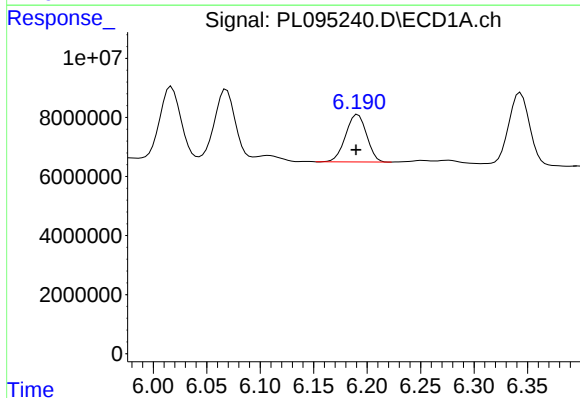
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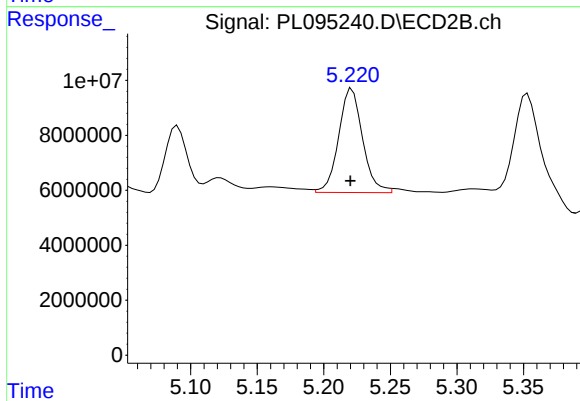
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.002 min
Response: 45799727
Conc: 9.66 ng/ml



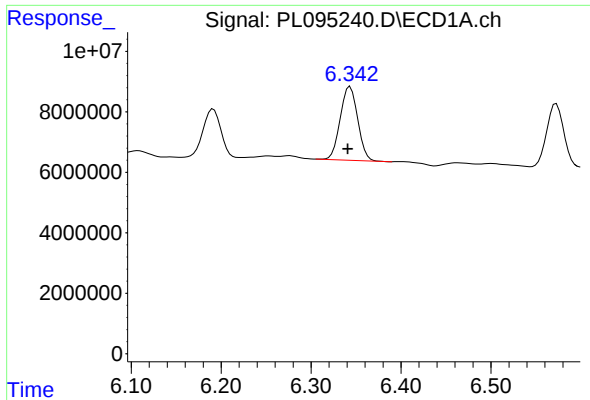
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 21933205
Conc: 6.71 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 47371454
Conc: 9.84 ng/ml m



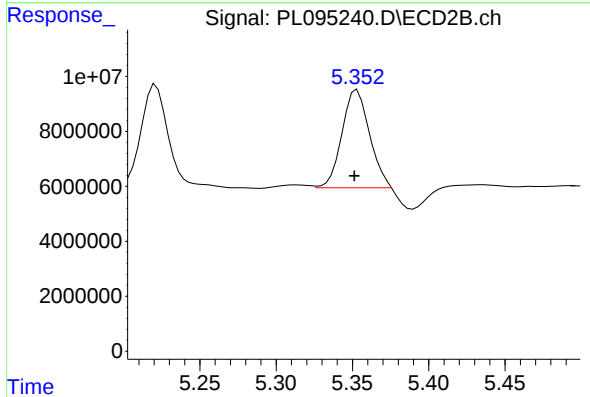
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 32782224
Conc: 9.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

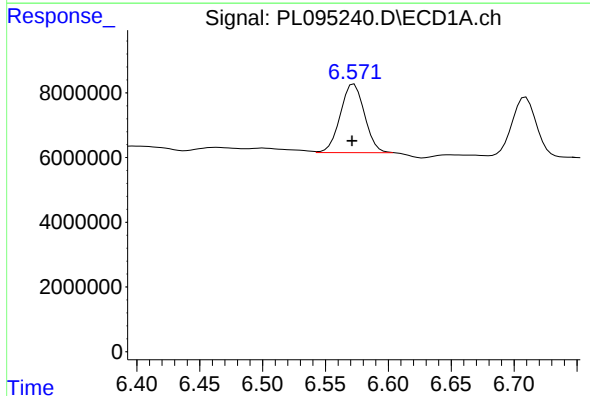
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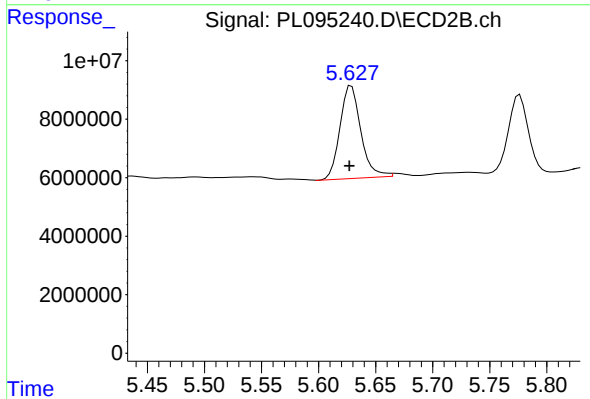
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 44733307
Conc: 9.32 ng/ml m



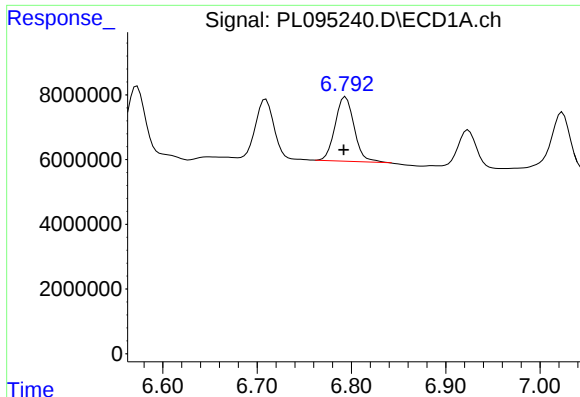
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 28374927
Conc: 10.89 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 40548073
Conc: 9.71 ng/ml m



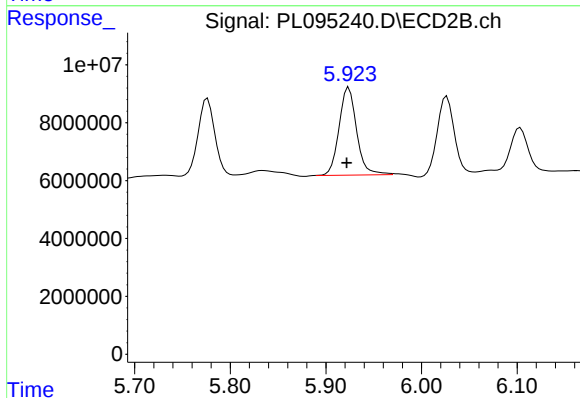
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 27911356
Conc: 9.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

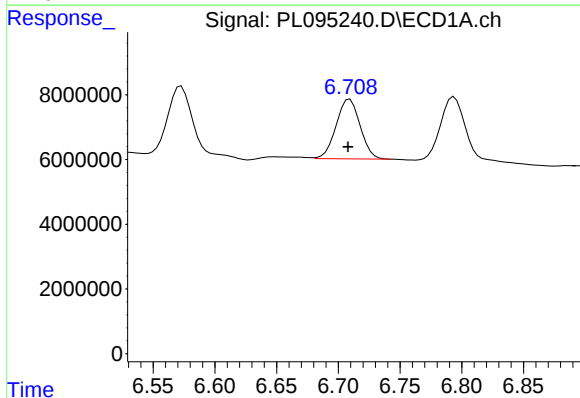
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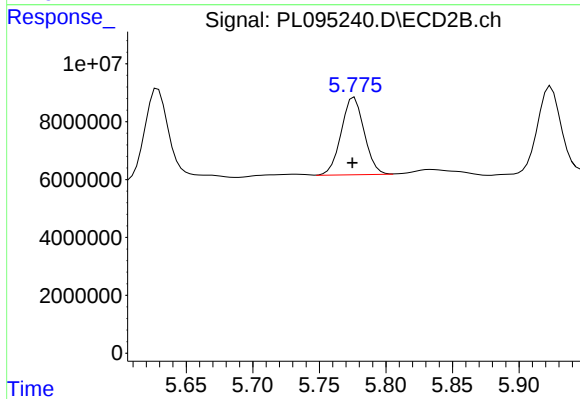
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 38974243
Conc: 8.88 ng/ml m



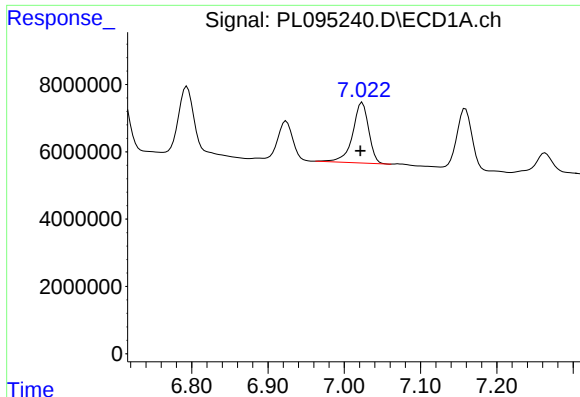
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 24972265
Conc: 9.84 ng/ml m



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 32180128
Conc: 8.27 ng/ml m



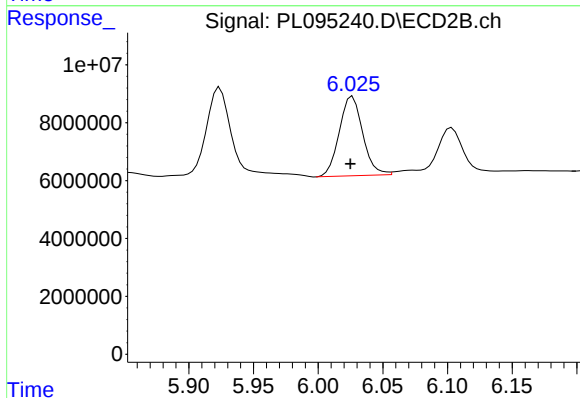
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 26326991
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

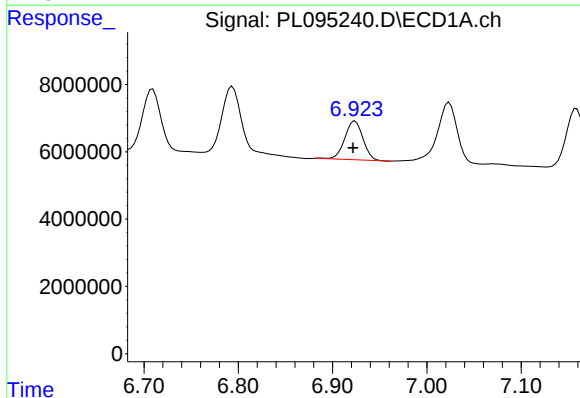
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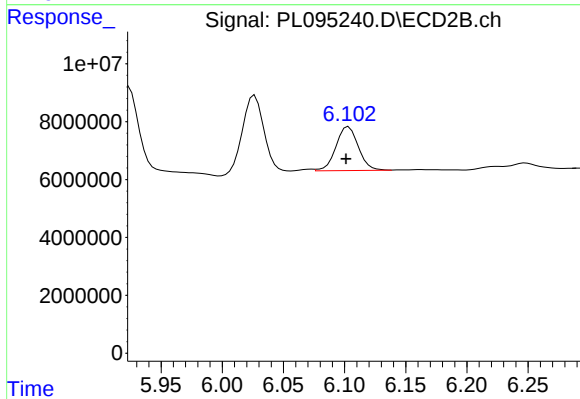
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 34498820
Conc: 8.28 ng/ml



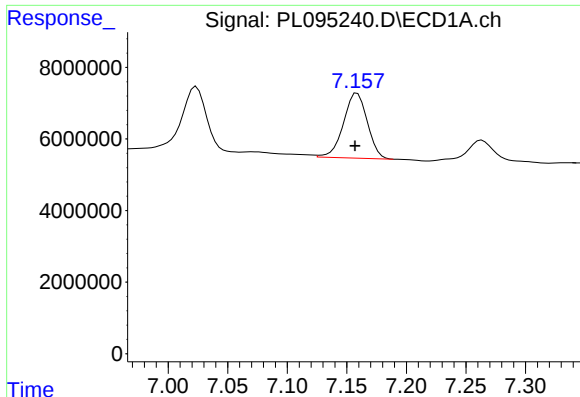
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 15466247
Conc: 7.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 19297408
Conc: 5.73 ng/ml m



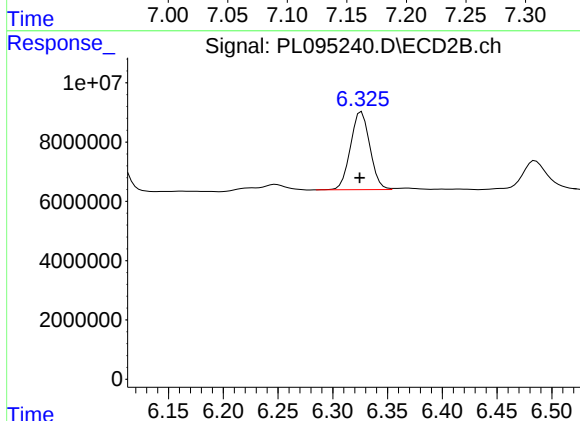
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 25282540
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

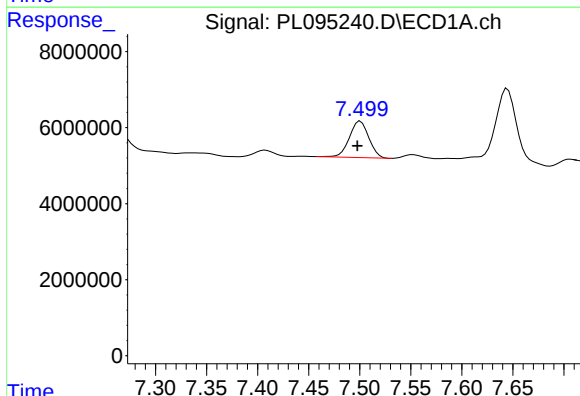
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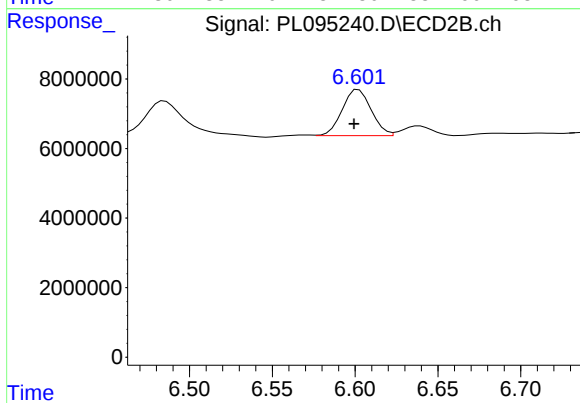
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 32479666
Conc: 7.78 ng/ml m



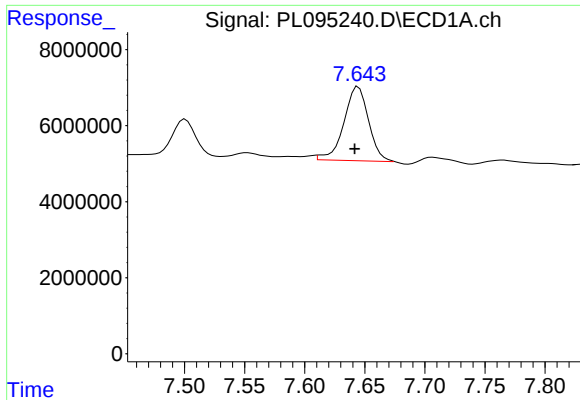
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 12695510
Conc: 9.48 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 16367545
Conc: 7.29 ng/ml m



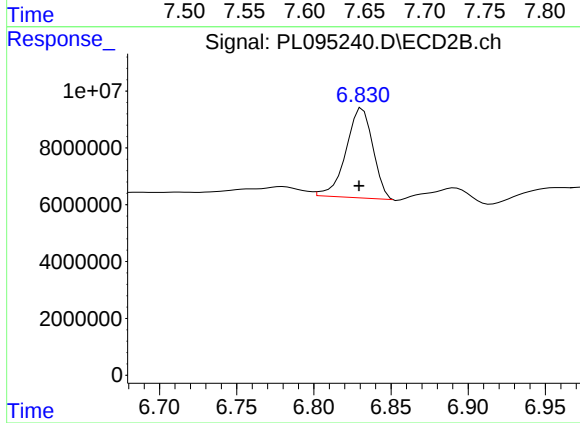
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 27799934
Conc: 9.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

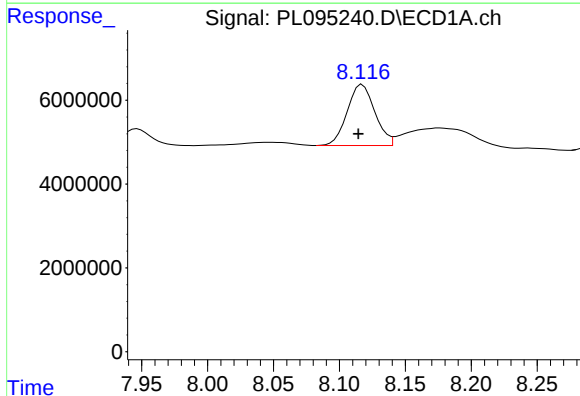
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



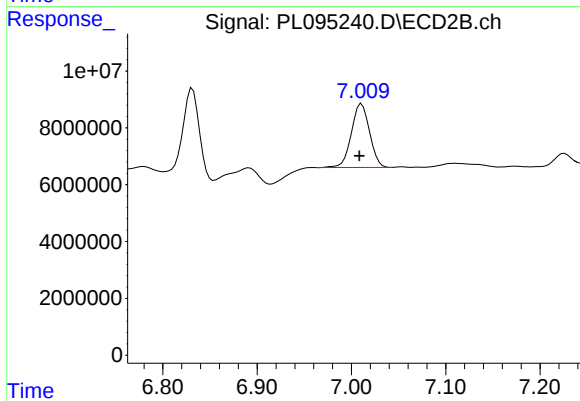
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 38141123
Conc: 7.56 ng/ml m



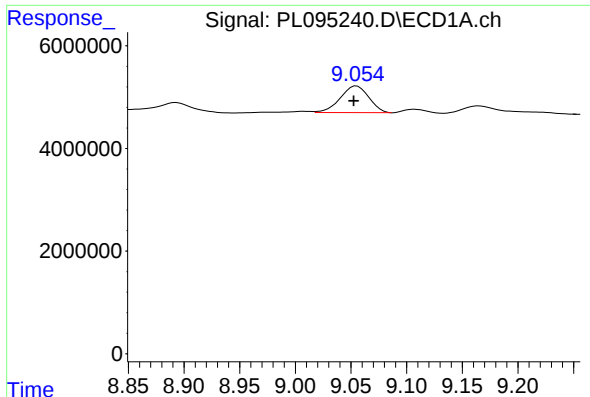
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 21559649
Conc: 10.14 ng/ml m



#22 Mirex

R.T.: 7.011 min
Delta R.T.: 0.003 min
Response: 30073842
Conc: 7.65 ng/ml



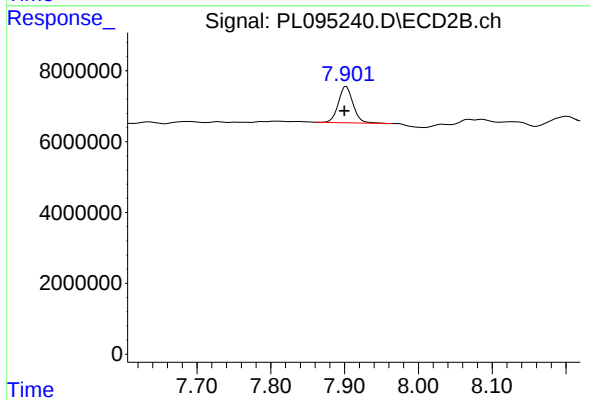
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.001 min
Response: 9269885
Conc: 3.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: 0.003 min
Response: 14233183
Conc: 3.24 ng/ml