

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
 Data File : PL095258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 14:34
 Operator : AR\AJ
 Sample : PB167609BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167609BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/17/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:14:44 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...	3.540	2.768	52199385	64612417	19.028	17.363
2) SA Decachlor...	9.056	7.901	48365270	85452632	20.088	19.425
Target Compounds						
2) A alpha-BHC	3.995	3.270	184.2E6	248.1E6	45.828	44.812
3) MA gamma-BHC...	4.328	3.599	176.6E6	236.2E6	45.936	44.875
4) MA Heptachlor	4.915	3.936	175.5E6	246.6E6	47.862	47.428
5) MB Aldrin	5.257	4.216	171.2E6	230.8E6	48.502	47.362
6) B beta-BHC	4.527	3.900	79638906	105.2E6	45.423	45.386
7) B delta-BHC	4.773	4.128	186.5E6	235.0E6	47.587m	45.461
8) B Heptachlo...	5.684	4.718	158.9E6	222.8E6	49.486	48.756
9) A Endosulfan I	6.069	5.088	150.7E6	216.4E6	48.641	49.843
10) B gamma-Chl...	5.940	4.968	162.3E6	234.4E6	48.582	48.663
11) B alpha-Chl...	6.019	5.031	159.6E6	230.8E6	48.089	48.688
12) B 4,4'-DDE	6.193	5.220	154.6E6	230.2E6	47.288	47.806
13) MA Dieldrin	6.345	5.352	159.3E6	237.8E6	48.342	49.550
14) MA Endrin	6.573	5.628	131.6E6	209.9E6	50.499m	50.243
15) B Endosulfa...	6.795	5.923	136.5E6	215.9E6	47.848	49.167
16) A 4,4'-DDD	6.711	5.776	118.7E6	189.3E6	46.743	48.669
17) MA 4,4'-DDT	7.024	6.025	122.5E6	202.5E6	48.141	48.599
18) B Endrin al...	6.925	6.103	104.6E6	166.9E6	47.508	49.541
19) B Endosulfa...	7.160	6.325	122.0E6	209.4E6	47.489	50.147
20) A Methoxychlor	7.502	6.601	62469260	107.9E6	46.638	48.067
21) B Endrin ke...	7.645	6.830	133.6E6	245.0E6	46.269	48.589
22) Mirex	8.117	7.009	100.1E6	185.1E6	47.046	47.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 14:34
Operator : AR\AJ
Sample : PB167609BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

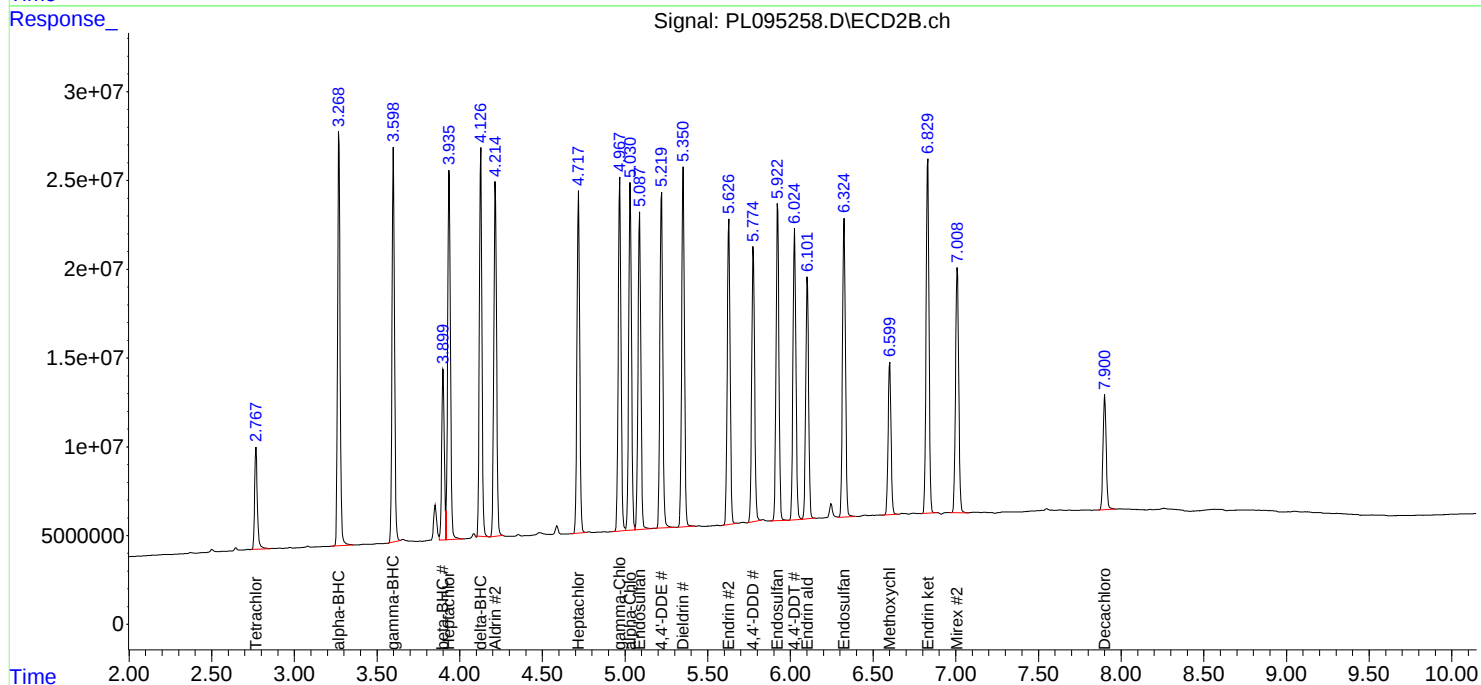
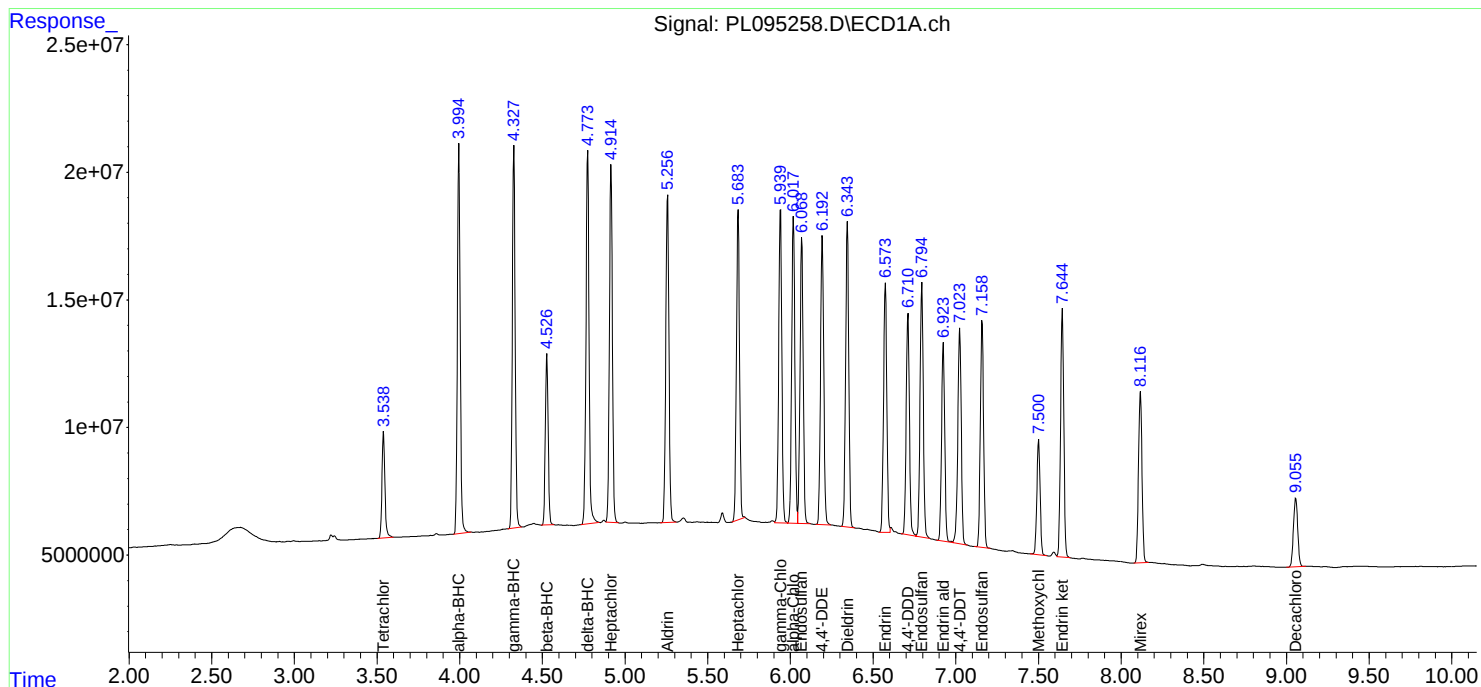
Instrument :
ECD_L
ClientSampleId :
PB167609BS

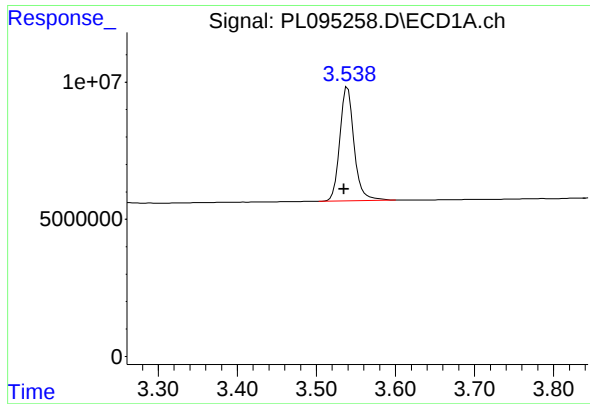
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:14:44 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





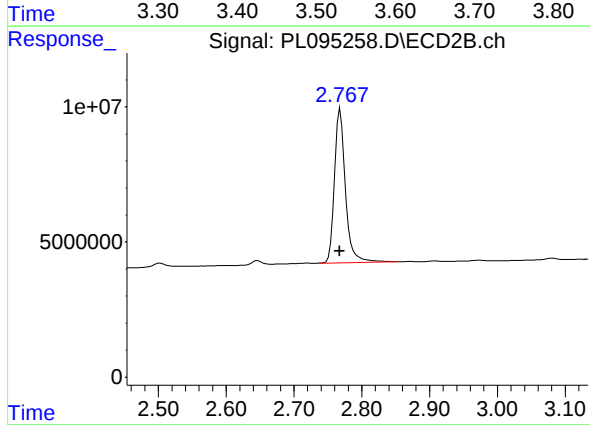
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.005 min
Response: 52199385
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

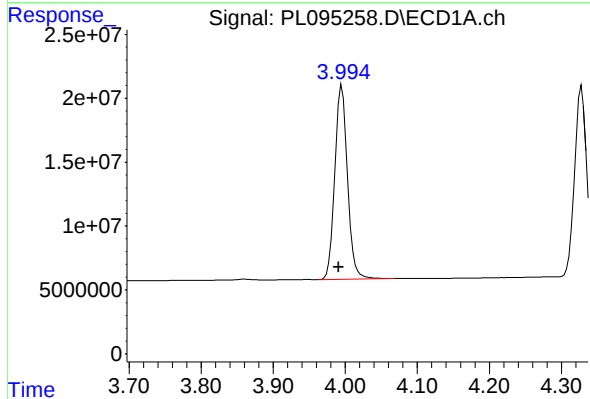
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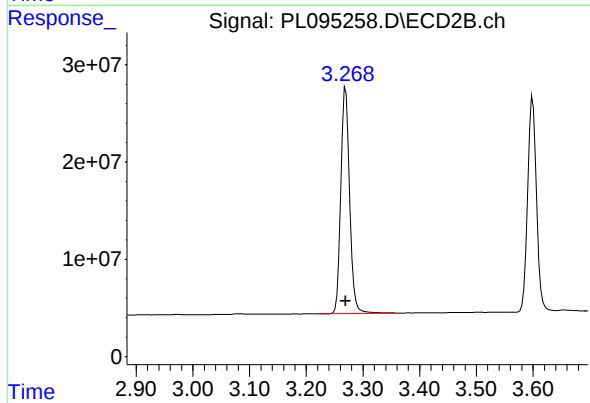
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 64612417
Conc: 17.36 ng/ml



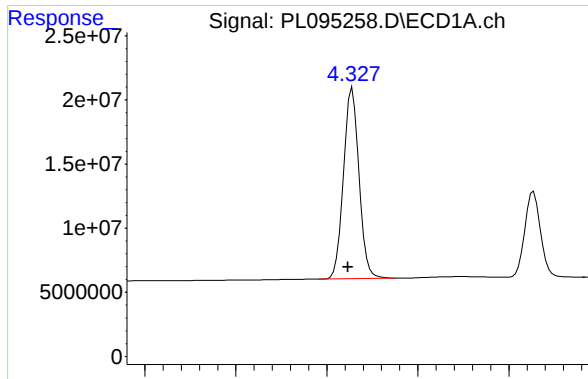
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.005 min
Response: 184187496
Conc: 45.83 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 248148001
Conc: 44.81 ng/ml



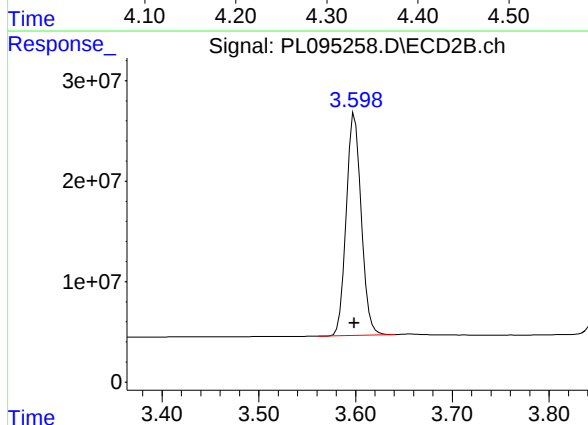
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.005 min
Response: 176649657
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

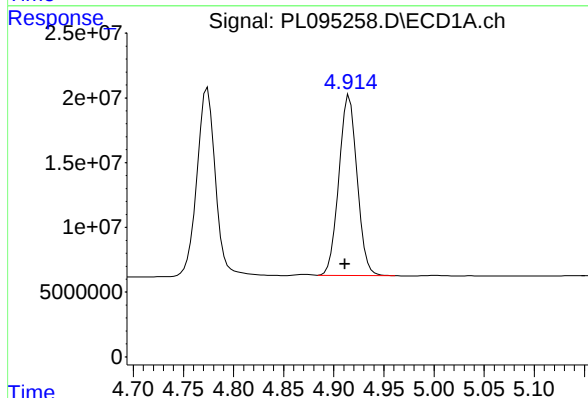
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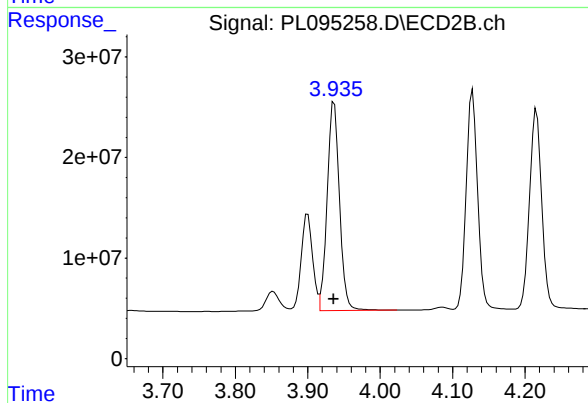
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 236184344
Conc: 44.88 ng/ml



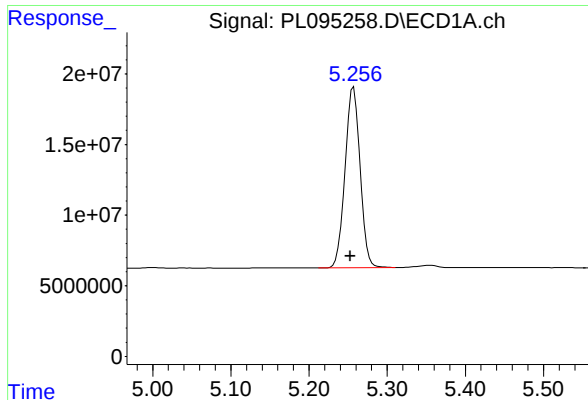
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 175483056
Conc: 47.86 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 246598196
Conc: 47.43 ng/ml



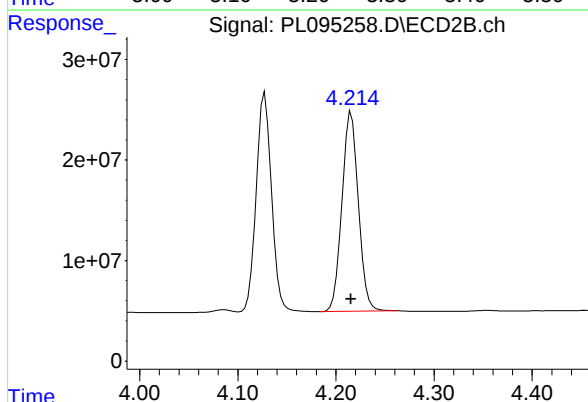
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 171168658
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

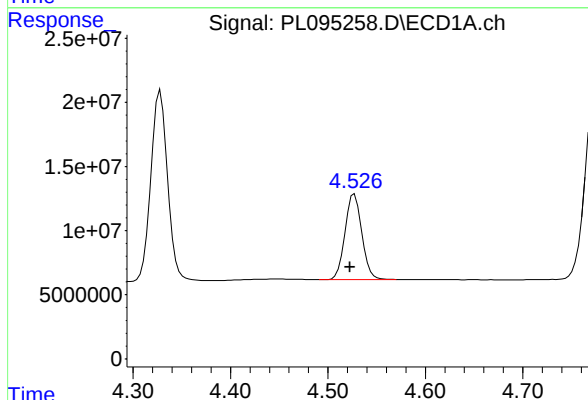
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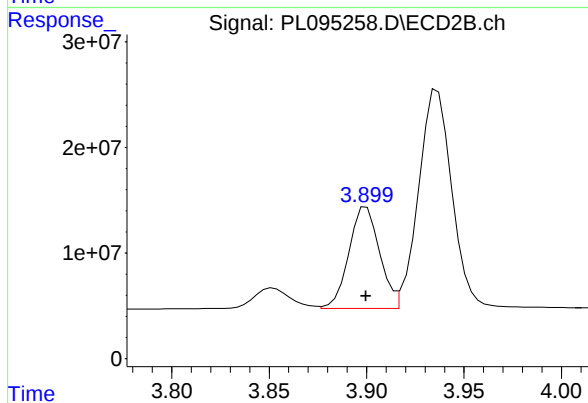
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 230821556
Conc: 47.36 ng/ml



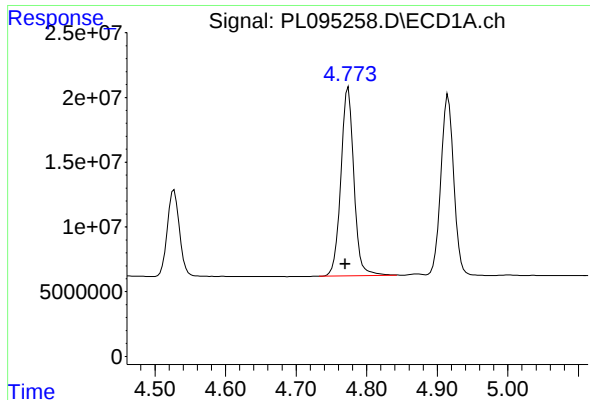
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 79638906
Conc: 45.42 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 105166409
Conc: 45.39 ng/ml



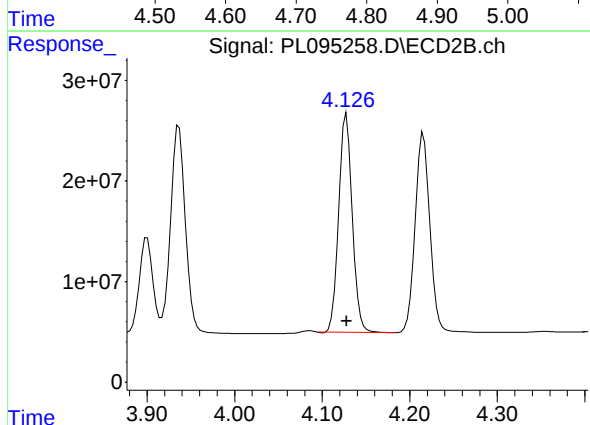
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 186476279
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

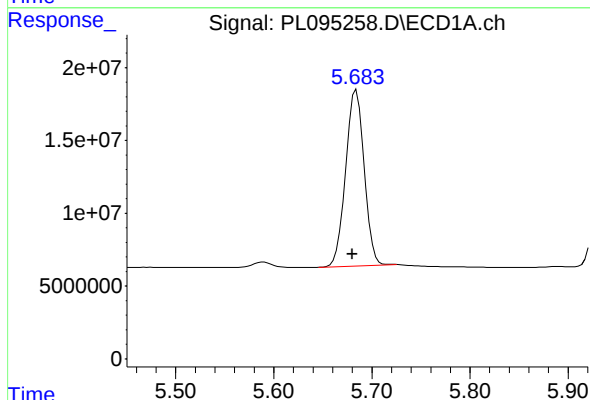
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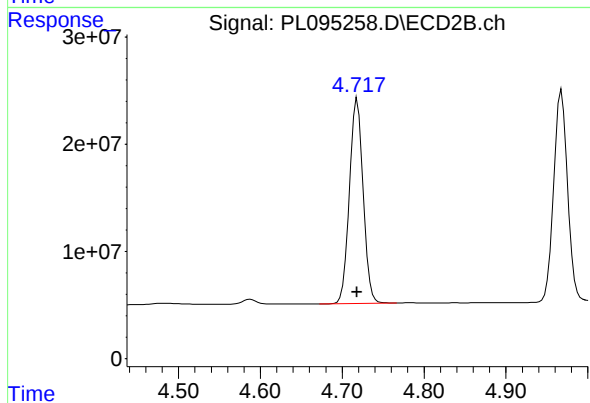
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 235038151
Conc: 45.46 ng/ml



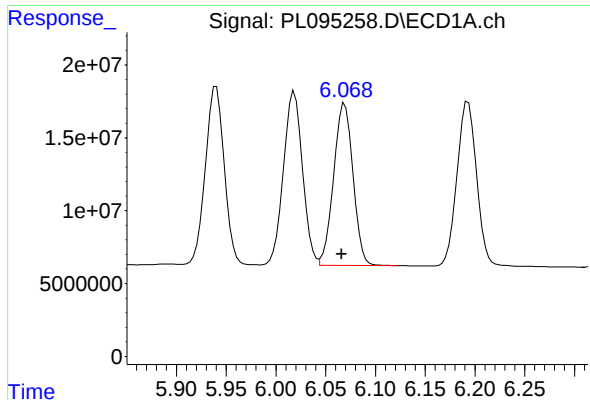
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 158888264
Conc: 49.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 222750051
Conc: 48.76 ng/ml



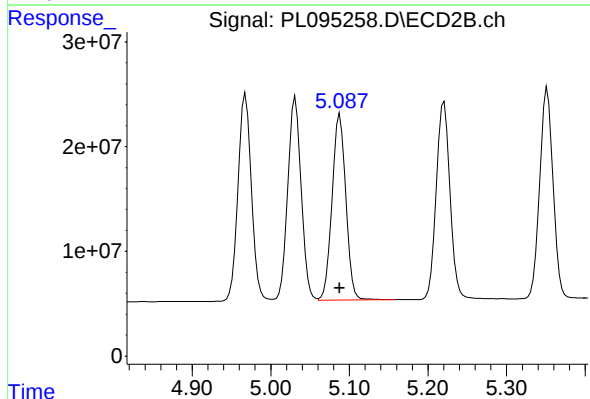
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 150709107
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

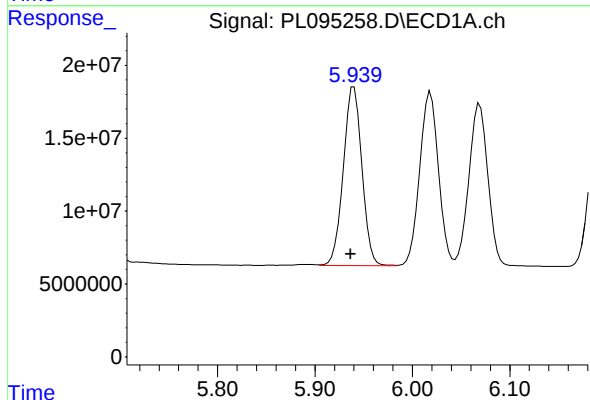
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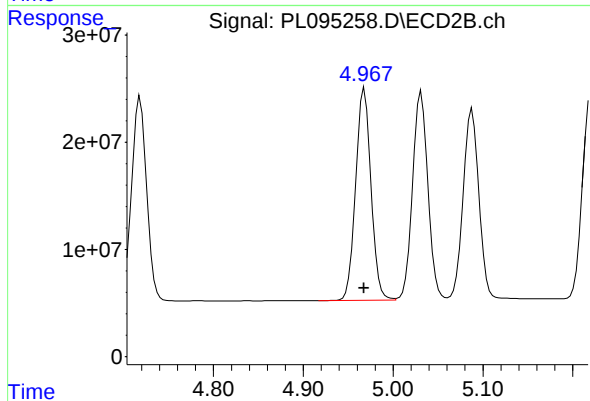
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 216361286
Conc: 49.84 ng/ml



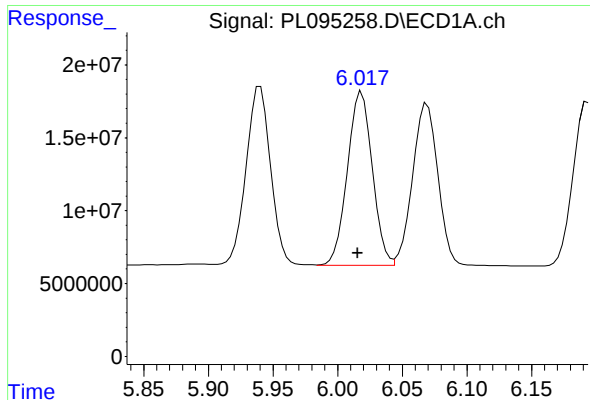
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 162285567
Conc: 48.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 234398435
Conc: 48.66 ng/ml



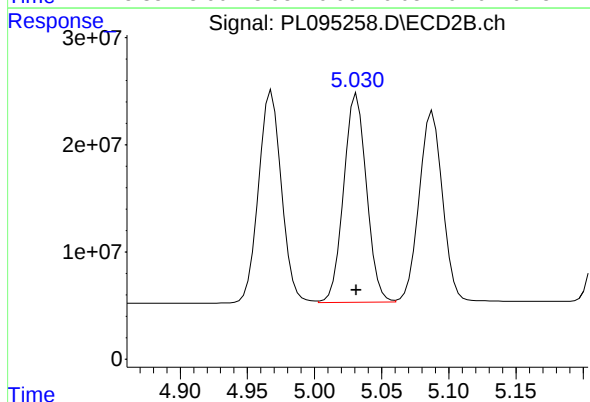
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.003 min
Response: 159629071
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

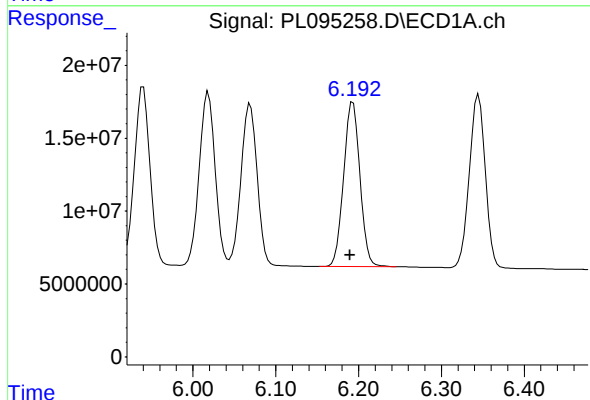
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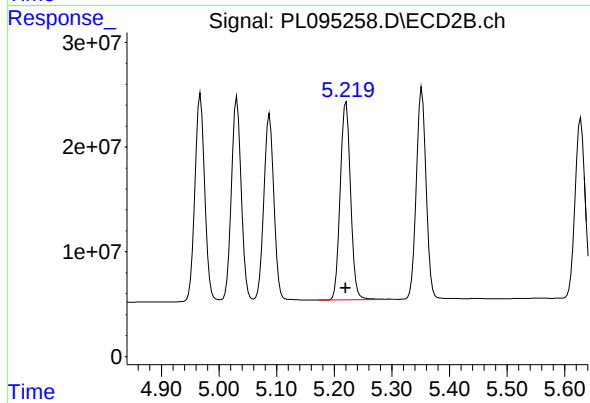
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 230760100
Conc: 48.69 ng/ml



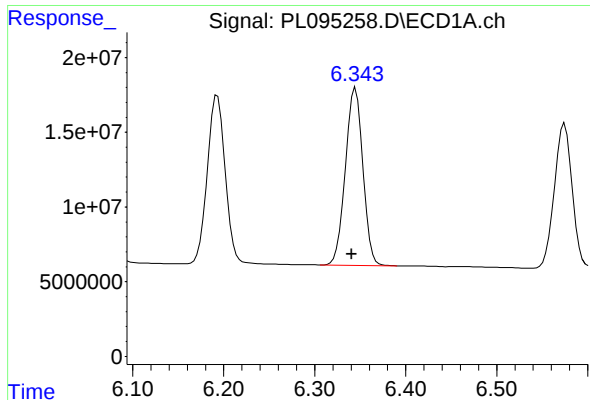
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 154623345
Conc: 47.29 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 230171819
Conc: 47.81 ng/ml



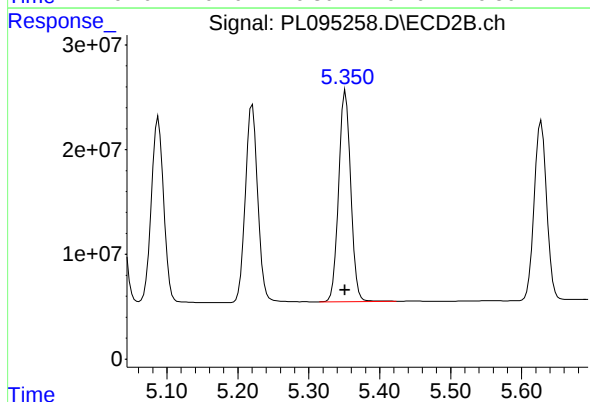
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 159291688
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

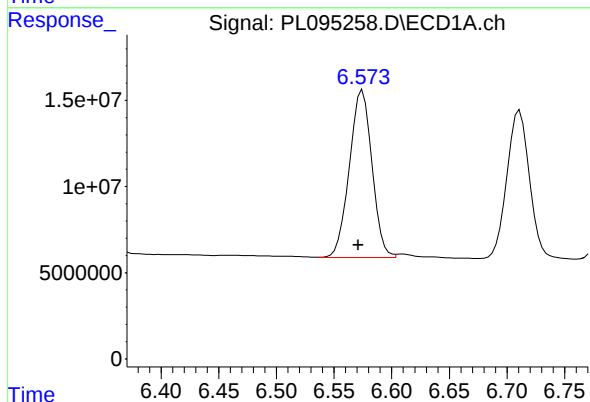
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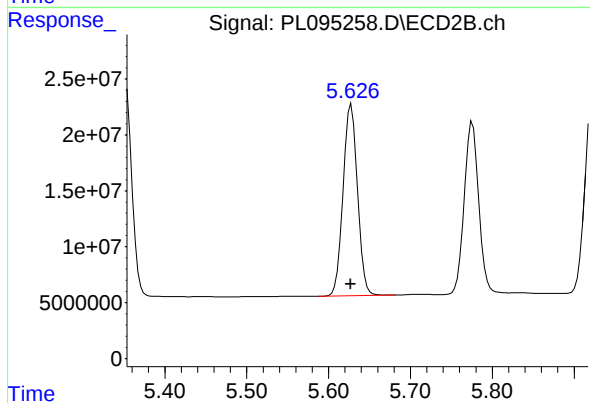
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 237841193
Conc: 49.55 ng/ml



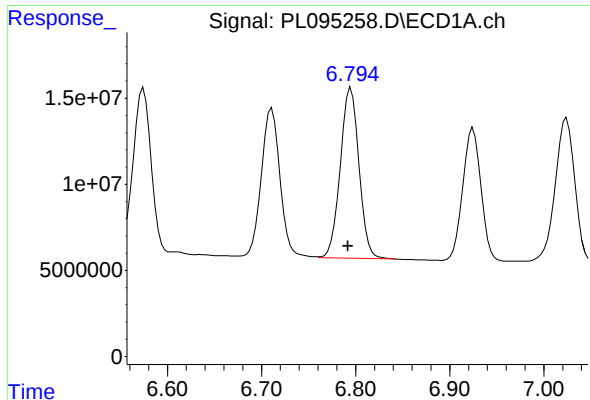
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 131607724
Conc: 50.50 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 209884469
Conc: 50.24 ng/ml



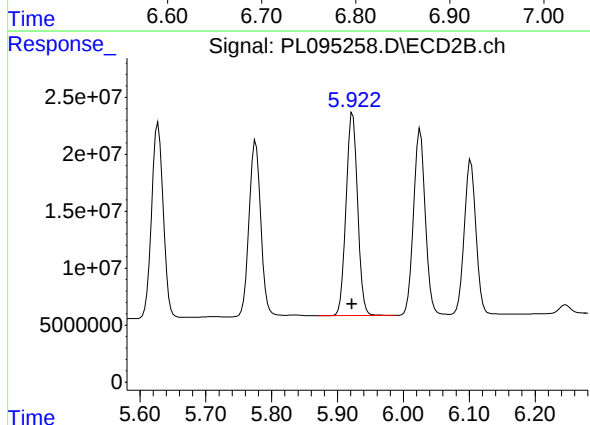
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 136478252
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

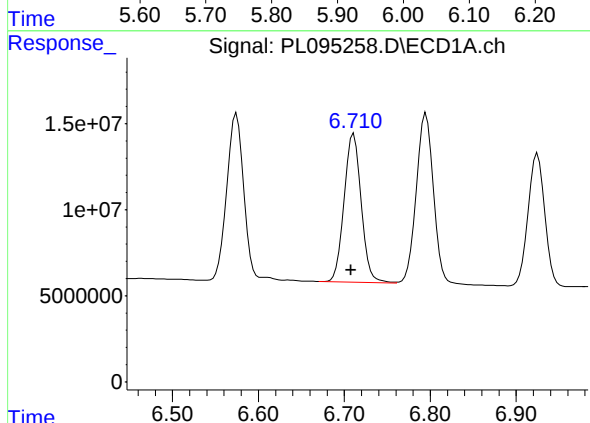
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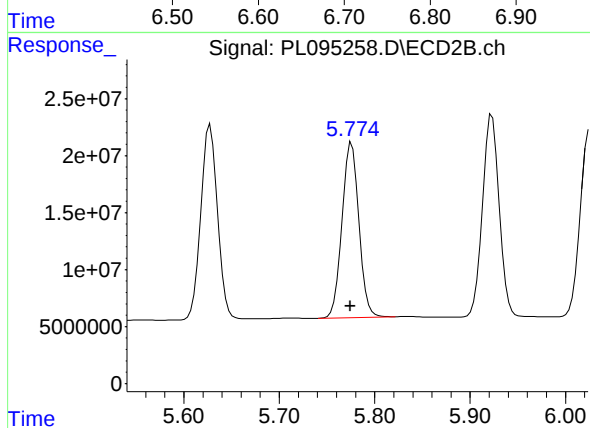
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 215859511
Conc: 49.17 ng/ml



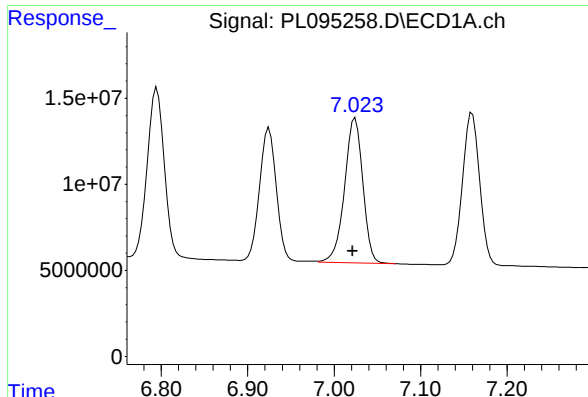
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 118685537
Conc: 46.74 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 189319314
Conc: 48.67 ng/ml



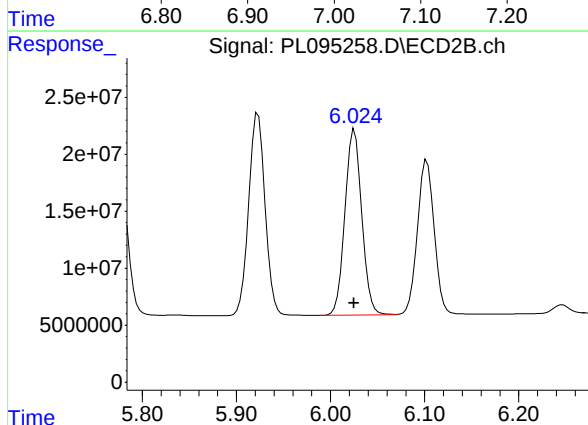
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.003 min
Response: 122545248
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

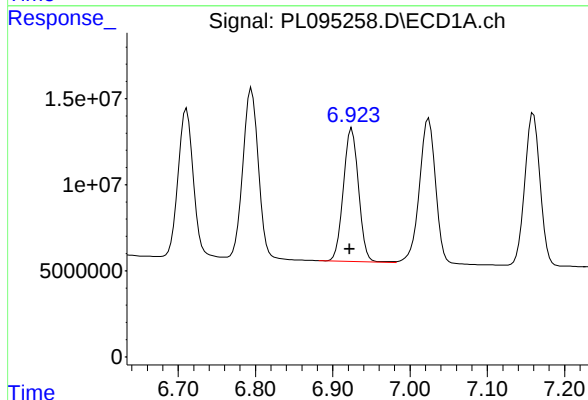
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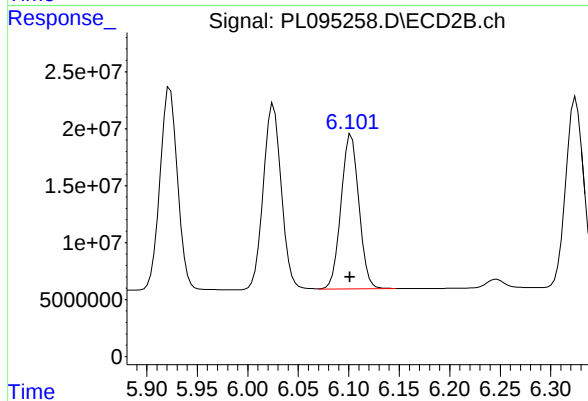
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 202460009
Conc: 48.60 ng/ml



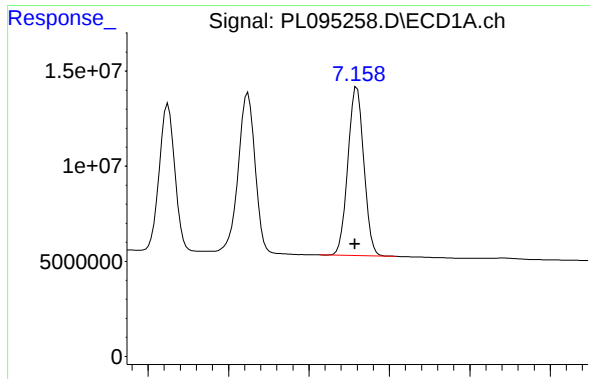
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.003 min
Response: 104568961
Conc: 47.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.001 min
Response: 166943541
Conc: 49.54 ng/ml



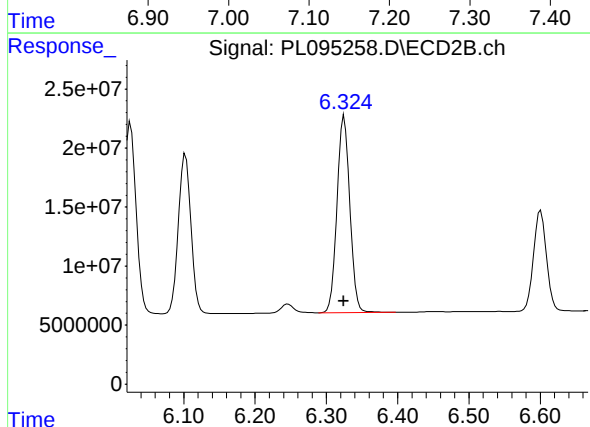
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 122029088
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

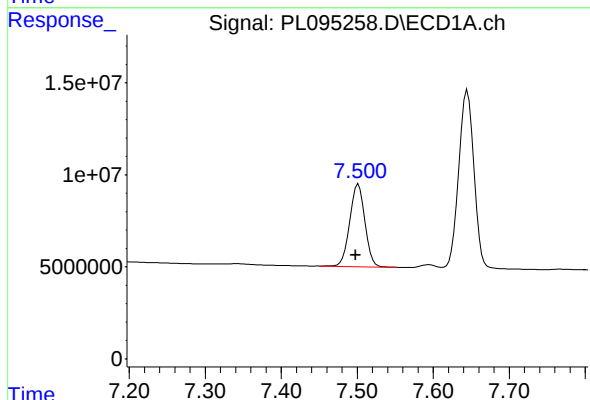
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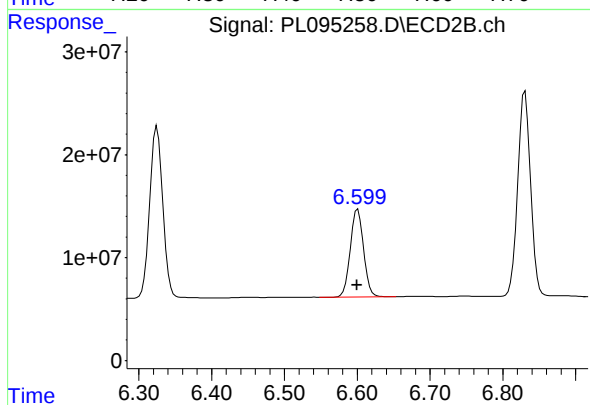
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 209434423
Conc: 50.15 ng/ml



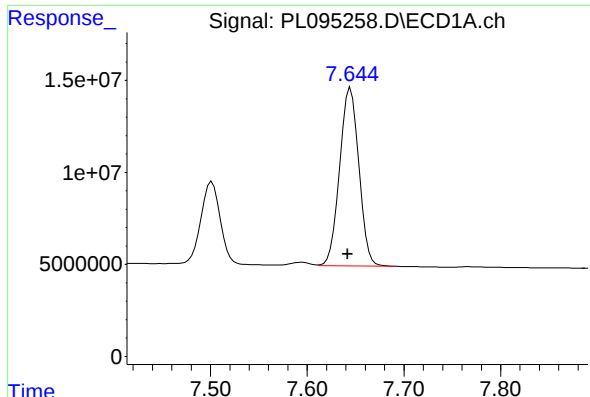
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 62469260
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 107944056
Conc: 48.07 ng/ml



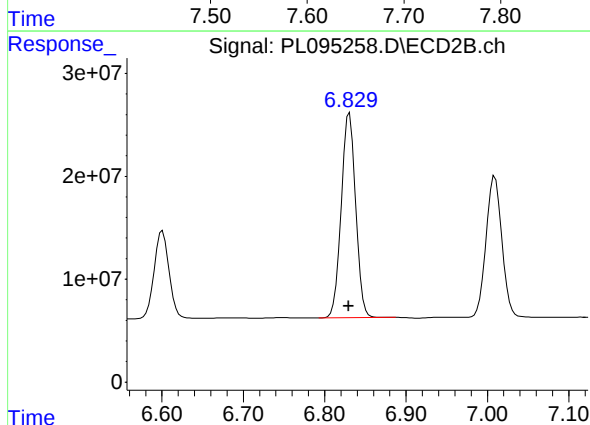
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 133561953
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

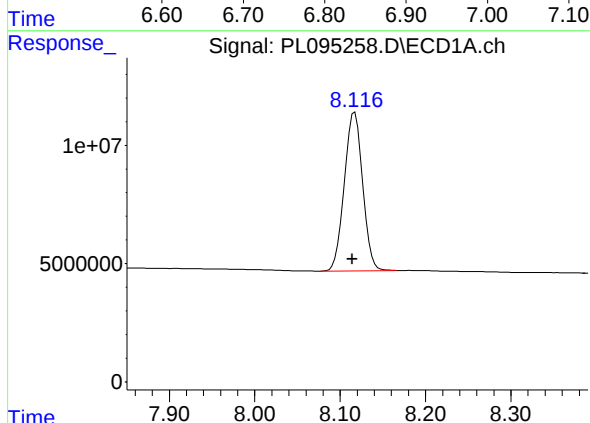
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



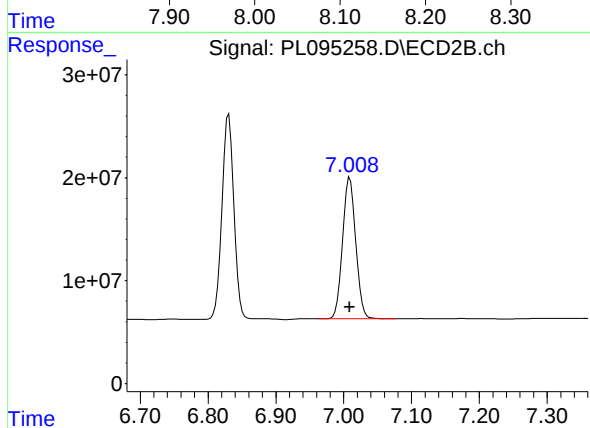
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.001 min
Response: 244990197
Conc: 48.59 ng/ml



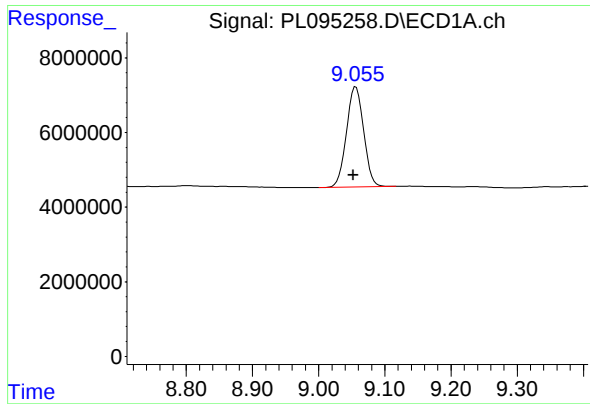
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 100075999
Conc: 47.05 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 185061388
Conc: 47.07 ng/ml



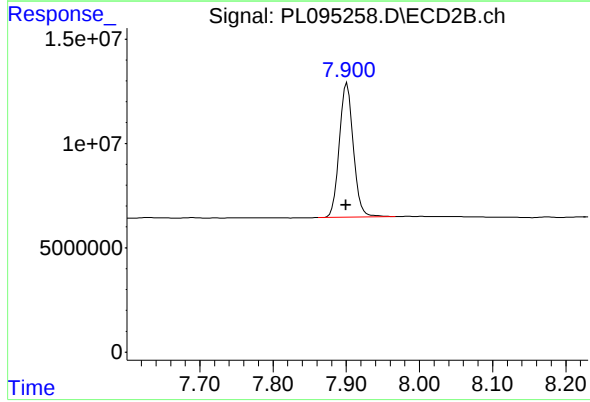
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.004 min
Response: 48365270
Conc: 20.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167609BS

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#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.002 min
Response: 85452632
Conc: 19.43 ng/ml