

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 17:33
 Operator : AR\AJ
 Sample : PB167688BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167688BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.594	2.905	66566543	63105671	20.390	19.846
2) SA Decachlor...	9.120	8.087	61054848	63750256	22.035	21.543
Target Compounds						
2) A alpha-BHC	4.045	3.415	251.7E6	223.5E6	50.816	50.243
3) MA gamma-BHC...	4.375	3.749	242.8E6	221.8E6	51.283m	50.423
4) MA Heptachlor	4.975	4.103	235.3E6	216.6E6	51.435	49.721
5) MB Aldrin	5.316	4.387	234.2E6	207.3E6	50.990	50.380m
6) B beta-BHC	4.562	4.042	105.8E6	105.2E6	51.174	50.673
7) B delta-BHC	4.810	4.279	246.2E6	225.5E6	52.945m	51.467
8) B Heptachlo...	5.736	4.892	228.2E6	193.1E6	56.987m	49.999
9) A Endosulfan I	6.119	5.264	196.6E6	173.5E6	51.784m	47.396
10) B gamma-Chl...	5.990	5.144	211.2E6	213.0E6	51.768m	52.565
11) B alpha-Chl...	6.072	5.209	205.5E6	211.3E6	50.549m	53.078
12) B 4,4'-DDE	6.240	5.394	206.2E6	201.4E6	52.601m	49.530m
13) MA Dieldrin	6.394	5.528	202.6E6	208.7E6	52.549	51.306m
14) MA Endrin	6.620	5.805	162.9E6	187.7E6	51.163m	51.556
15) B Endosulfa...	6.832	6.095	168.4E6	186.5E6	52.765m	51.935
16) A 4,4'-DDD	6.750	5.946	154.1E6	165.9E6	54.425m	50.780m
17) MA 4,4'-DDT	7.065	6.201	143.0E6	168.8E6	50.212m	49.111
18) B Endrin al...	6.961	6.273	125.0E6	136.5E6	53.858m	52.229
19) B Endosulfa...	7.196	6.496	146.6E6	166.5E6	52.330	50.189
20) A Methoxychlor	7.536	6.772	79894827	93533042	57.267m	49.036
21) B Endrin ke...	7.678	7.000	150.1E6	245.2E6	52.639	69.635m#
22) Mirex	8.159	7.199	124.7E6	142.5E6	52.461	49.427

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 17:33
Operator : AR\AJ
Sample : PB167688BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167688BS

Manual Integrations

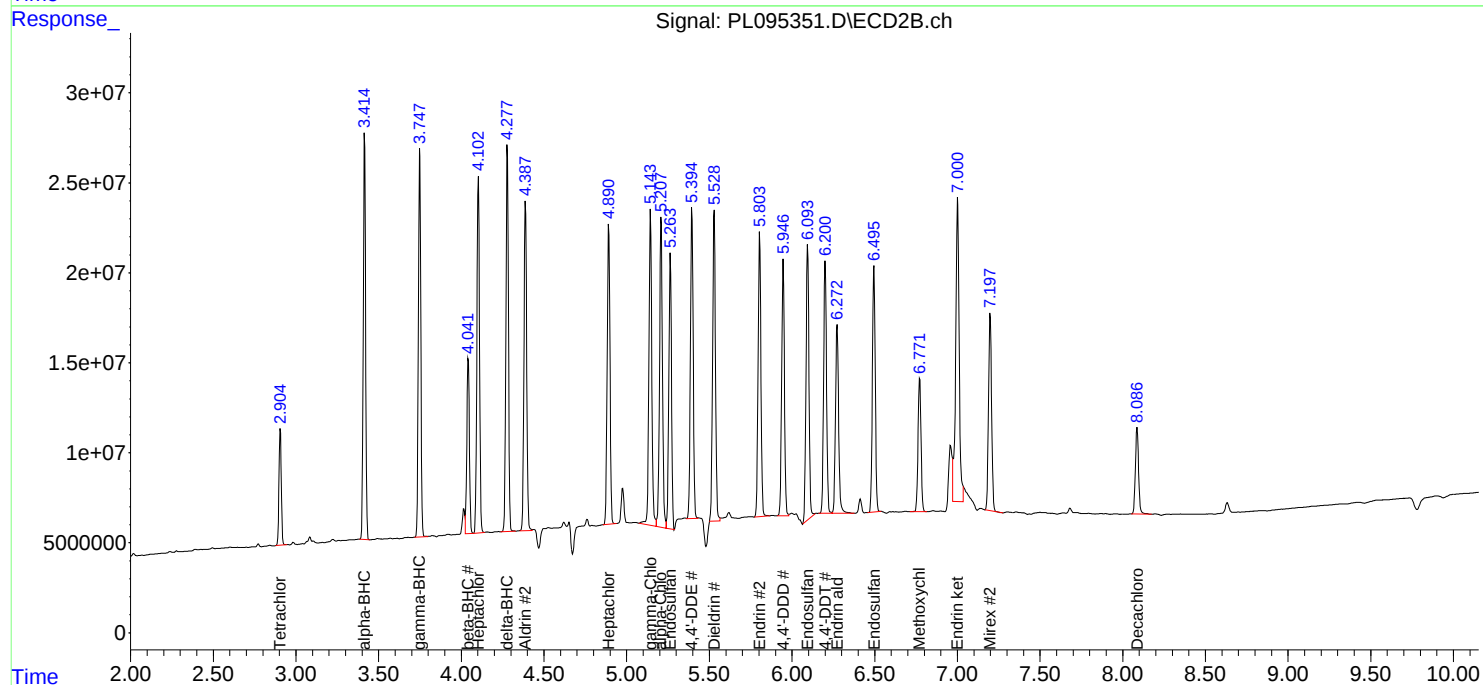
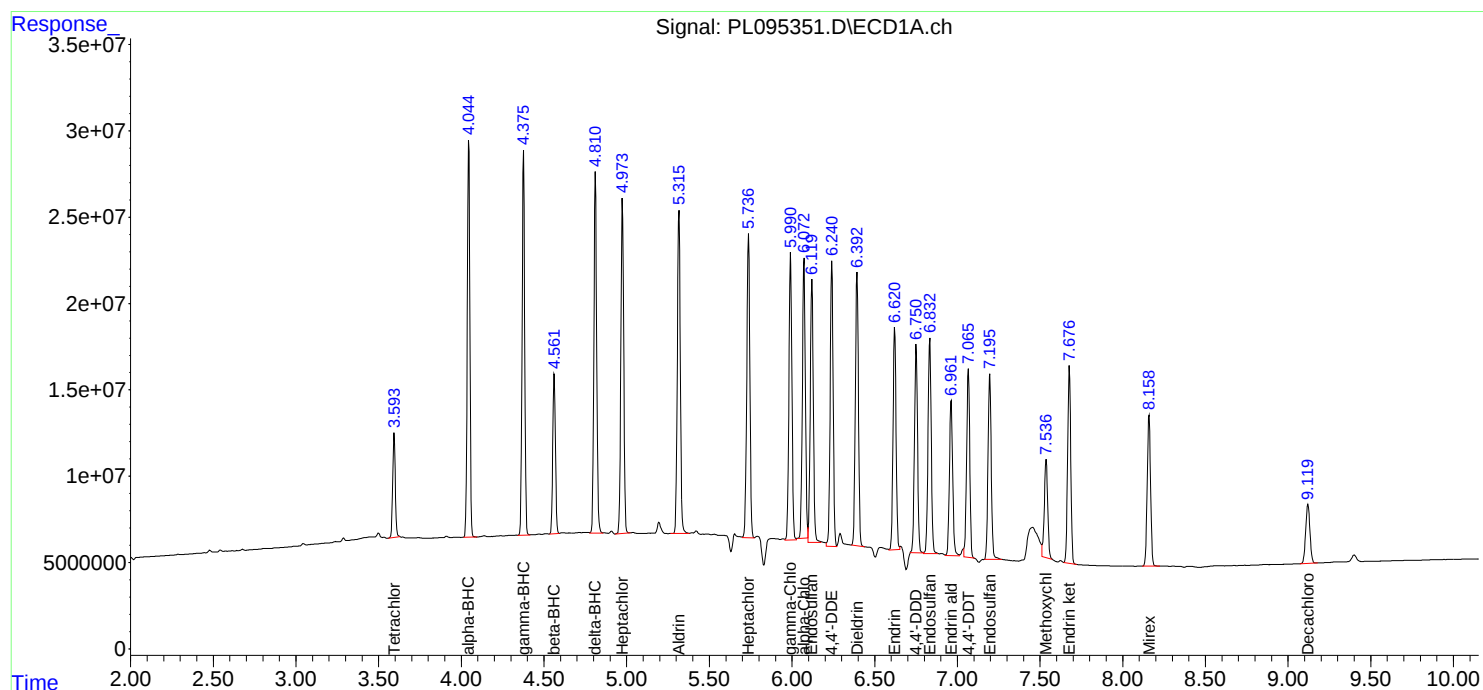
APPROVED

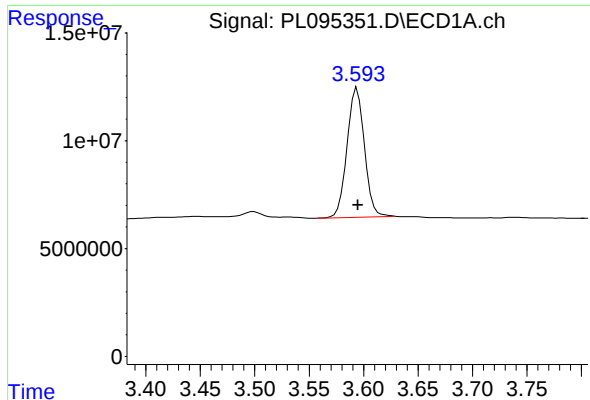
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





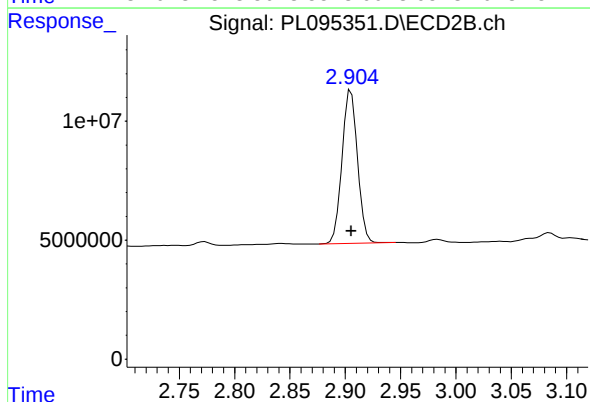
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 66566543
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

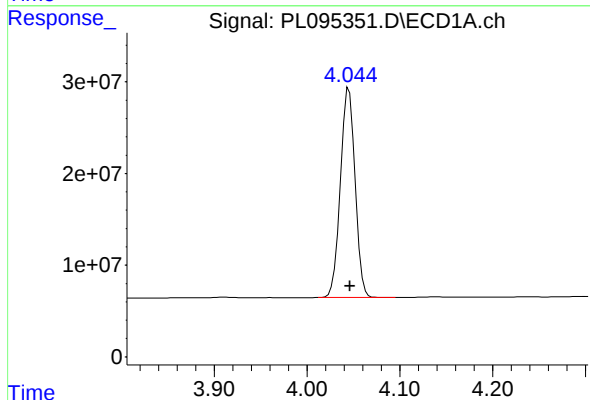
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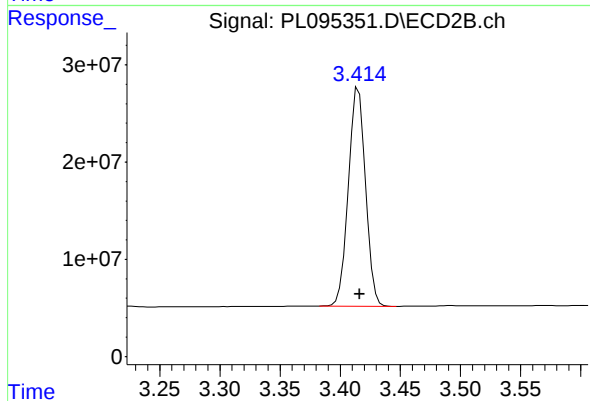
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 63105671
Conc: 19.85 ng/ml



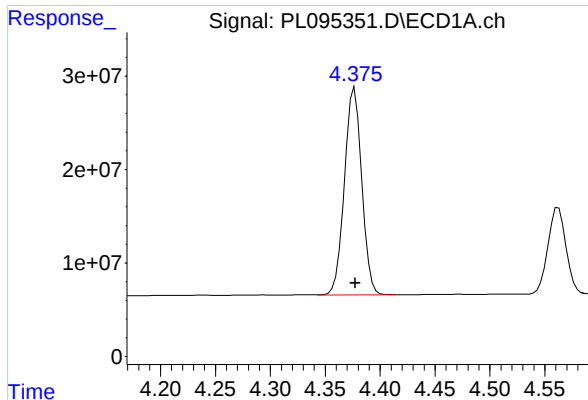
#2 alpha-BHC

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 251729145
Conc: 50.82 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 223518215
Conc: 50.24 ng/ml



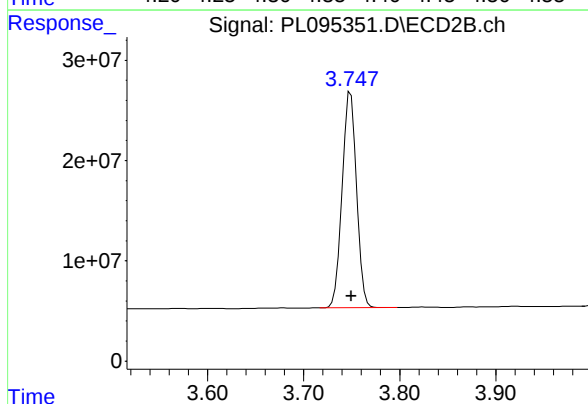
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 242772243
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

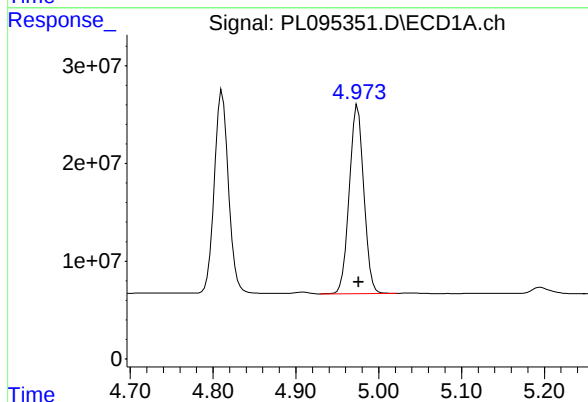
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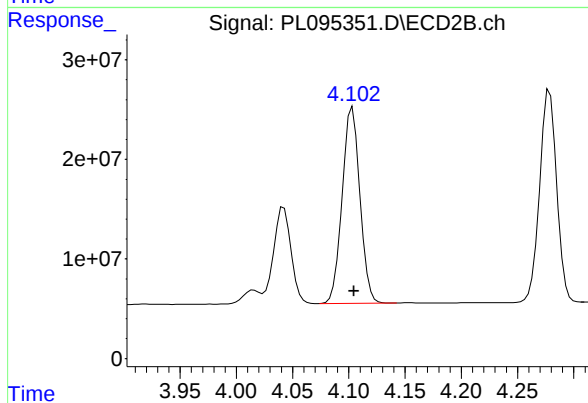
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 221771464
Conc: 50.42 ng/ml



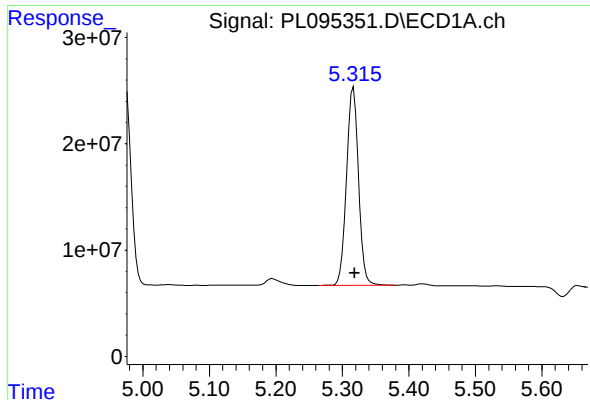
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 235289206
Conc: 51.44 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 216621374
Conc: 49.72 ng/ml



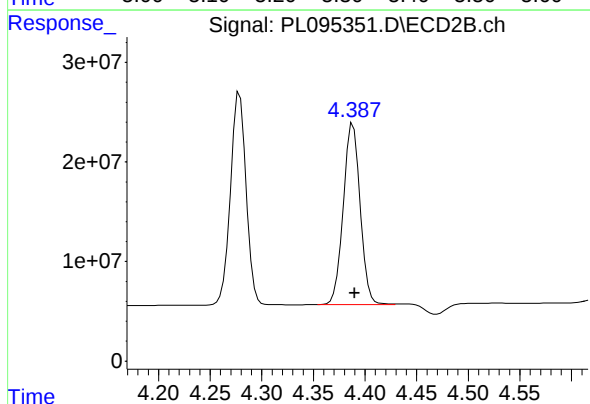
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 234197176
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

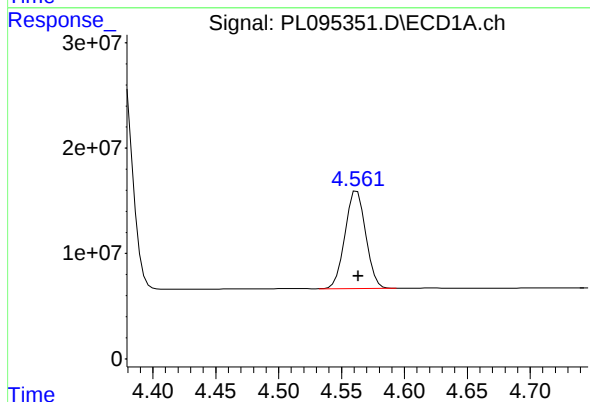
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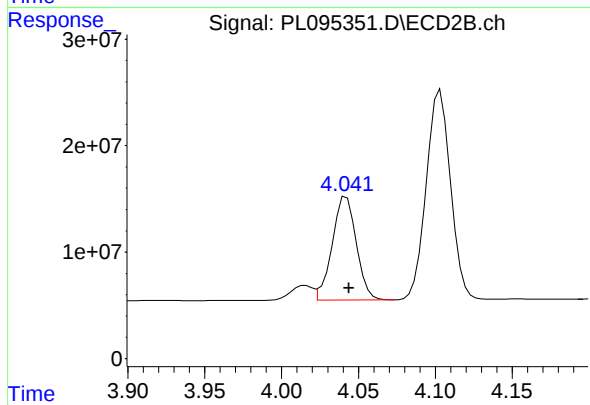
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 207347073
Conc: 50.38 ng/ml



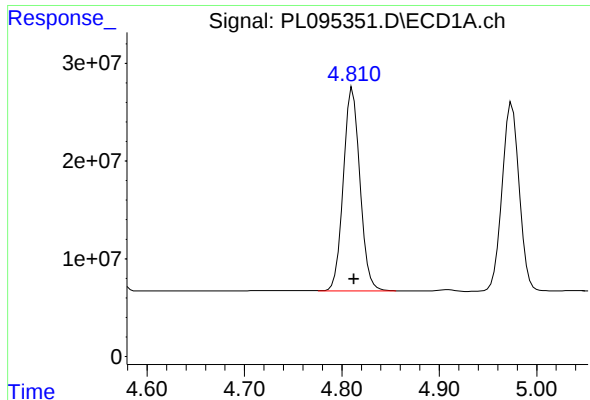
#6 beta-BHC

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 105802636
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 105191097
Conc: 50.67 ng/ml



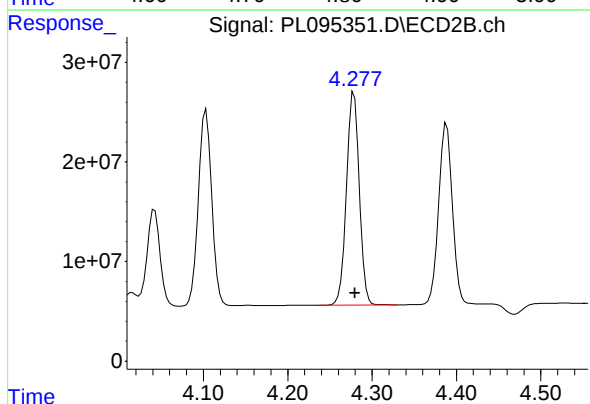
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 246228133
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

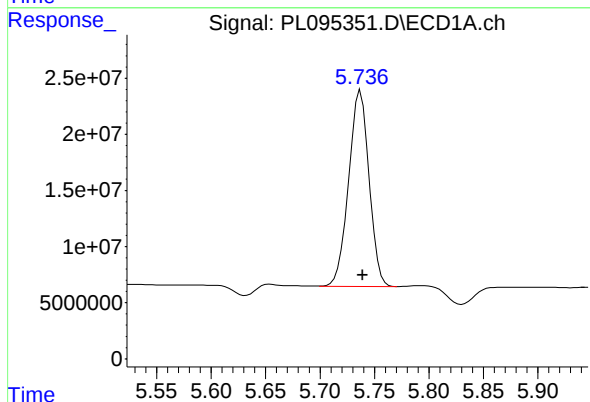
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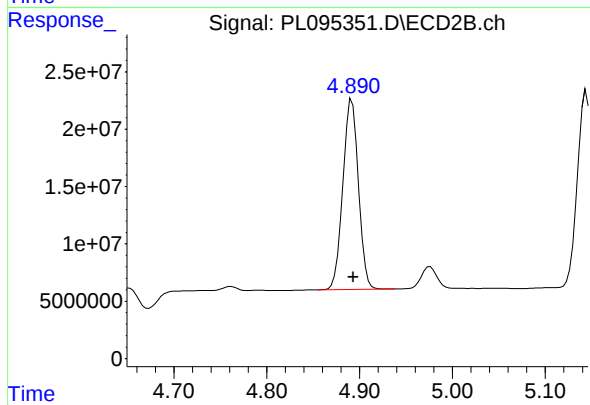
#7 delta-BHC

R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 225524849
Conc: 51.47 ng/ml



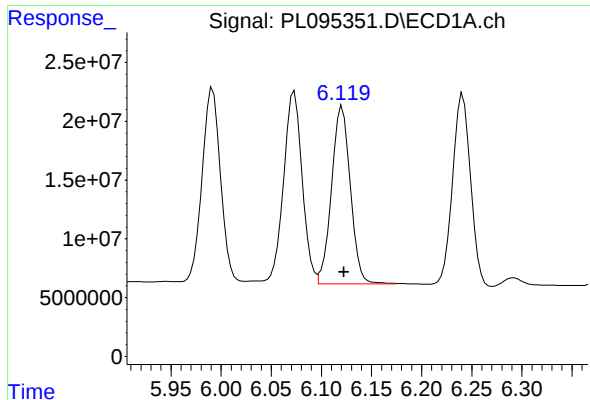
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 228242777
Conc: 56.99 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 193129620
Conc: 50.00 ng/ml



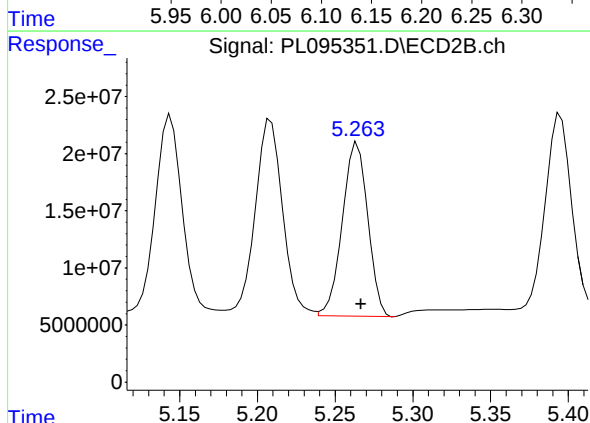
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 196649579
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

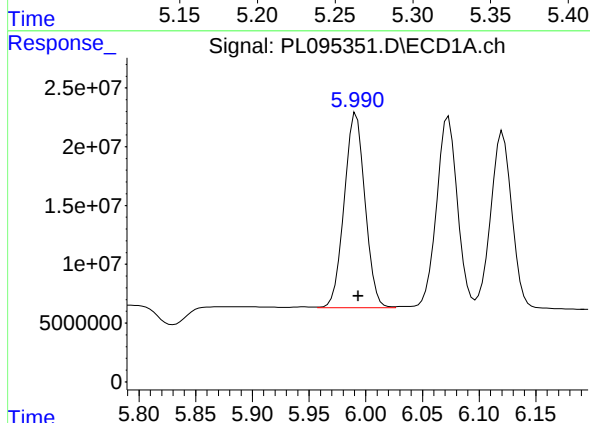
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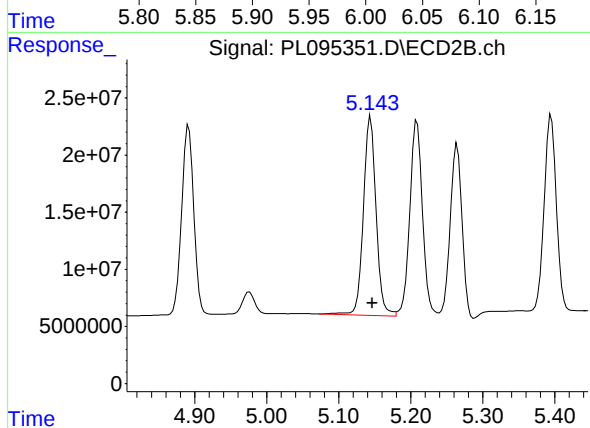
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 173487945
Conc: 47.40 ng/ml



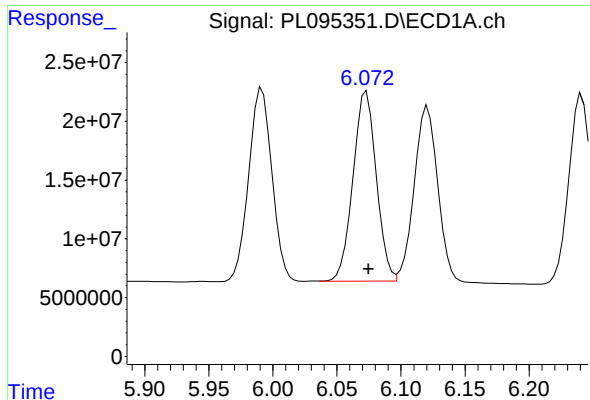
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 211179130
Conc: 51.77 ng/ml m



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 213026793
Conc: 52.56 ng/ml



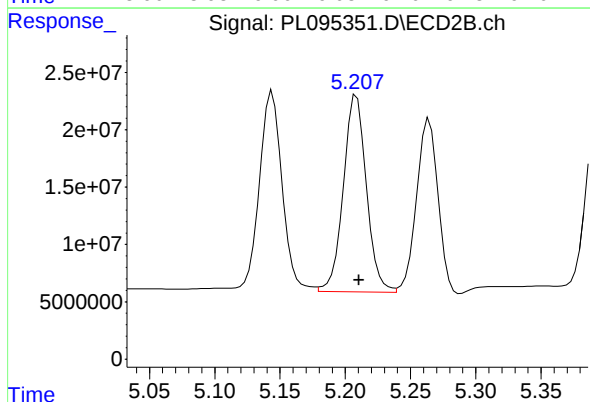
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 205536164
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

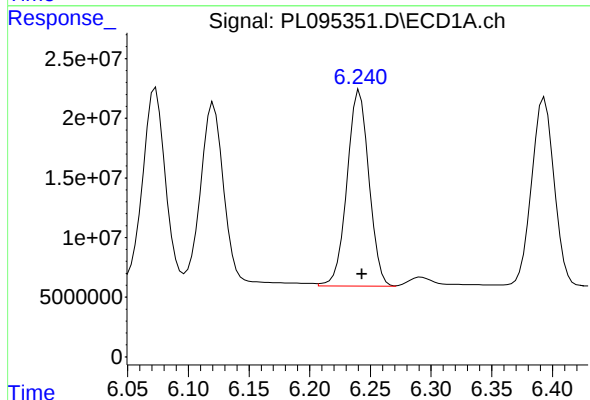
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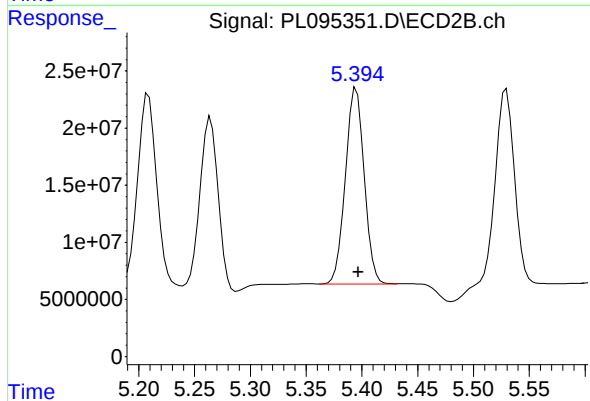
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 211307022
Conc: 53.08 ng/ml



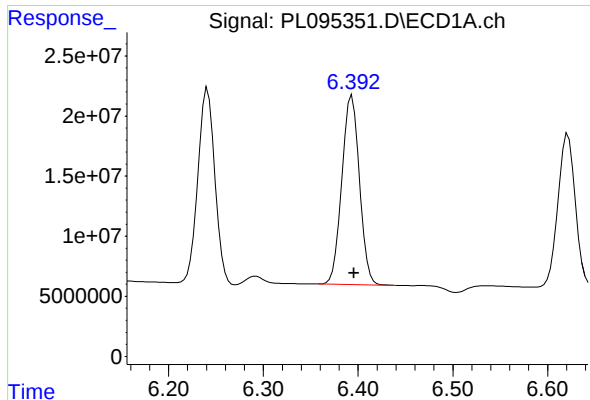
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 206226438
Conc: 52.60 ng/ml m



#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: -0.003 min
Response: 201436081
Conc: 49.53 ng/ml m



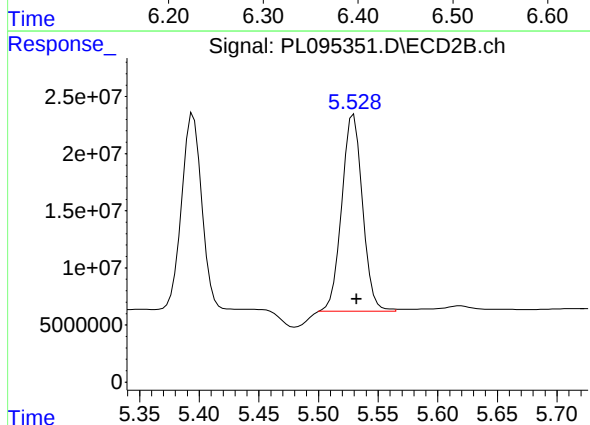
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 202566008
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

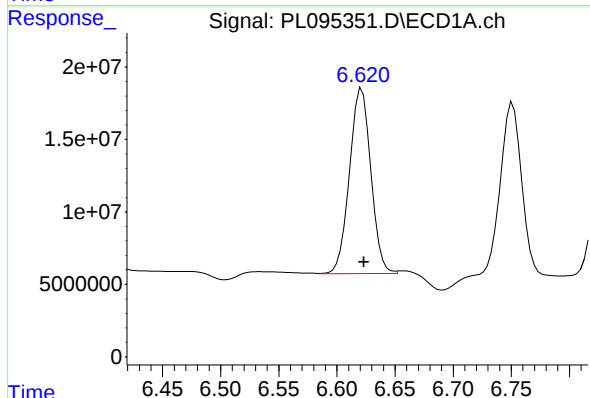
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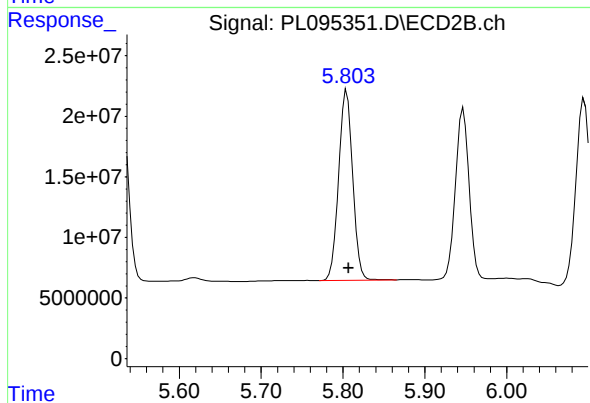
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 208665251
Conc: 51.31 ng/ml m



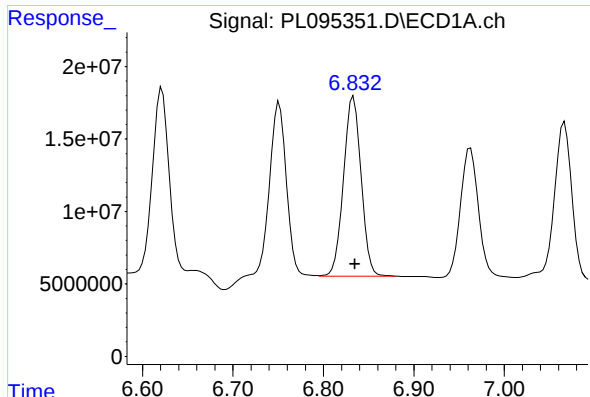
#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 162942313
Conc: 51.16 ng/ml m



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 187701093
Conc: 51.56 ng/ml



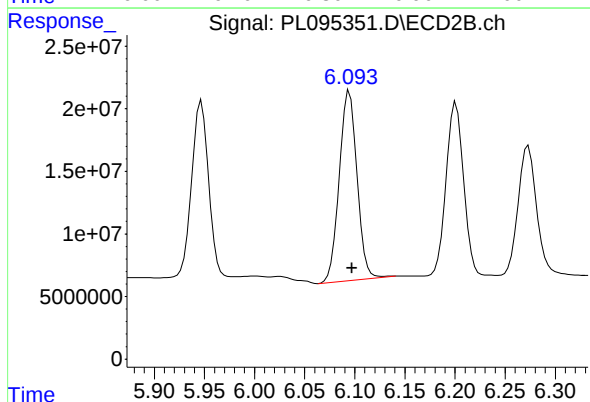
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 168434460
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

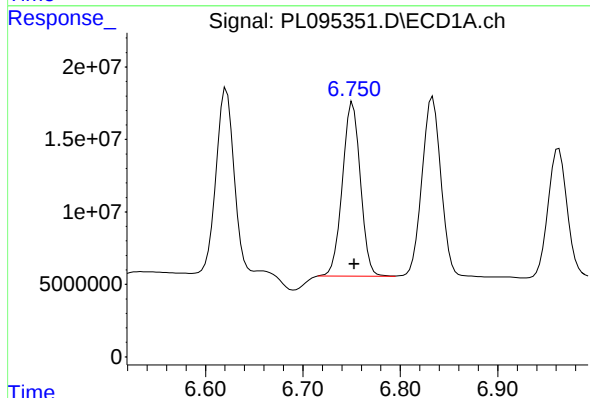
Manual Integrations
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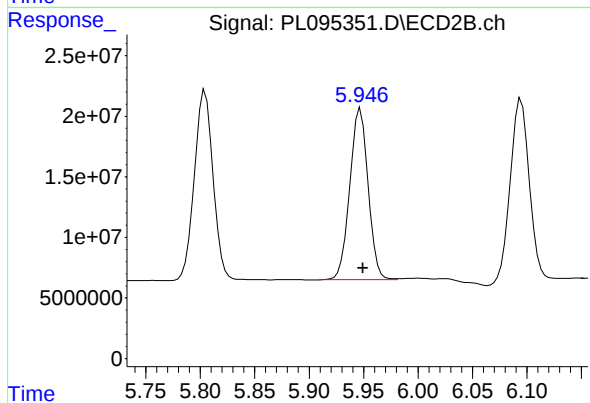
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 186502842
Conc: 51.93 ng/ml



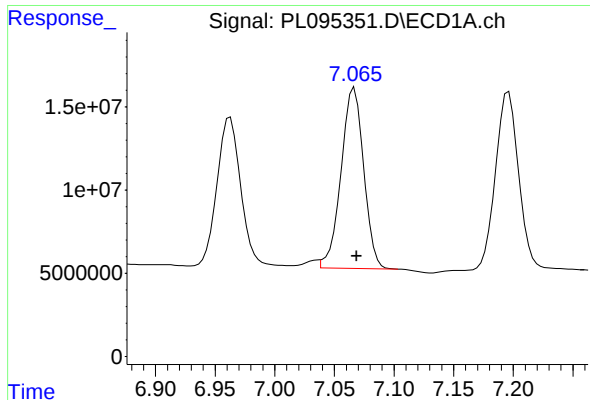
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 154074949
Conc: 54.43 ng/ml m



#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: -0.004 min
Response: 165888007
Conc: 50.78 ng/ml m



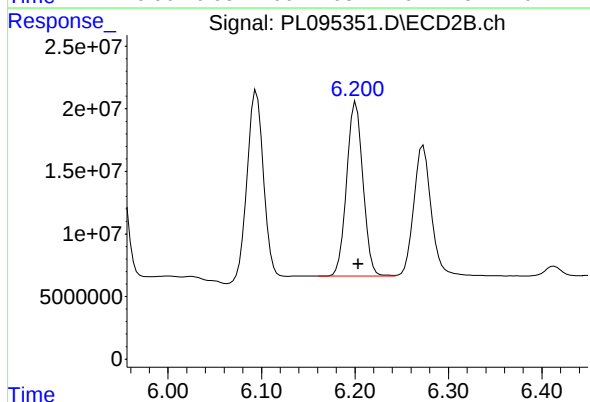
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.003 min
Response: 143032455
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

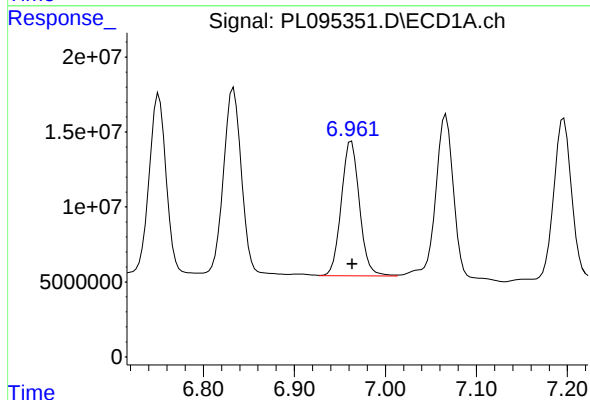
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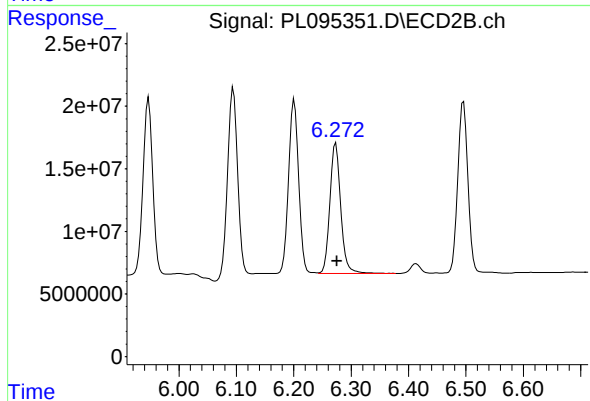
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 168753305
Conc: 49.11 ng/ml



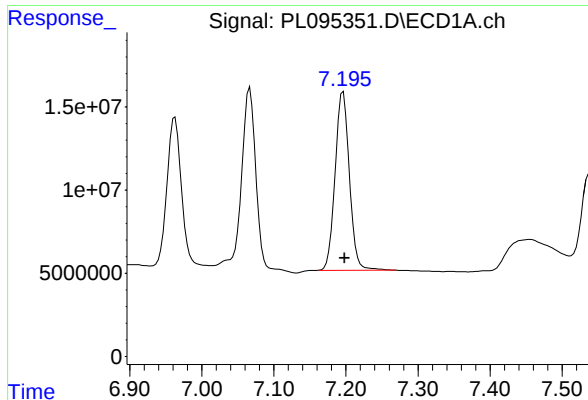
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 124993077
Conc: 53.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 136482257
Conc: 52.23 ng/ml



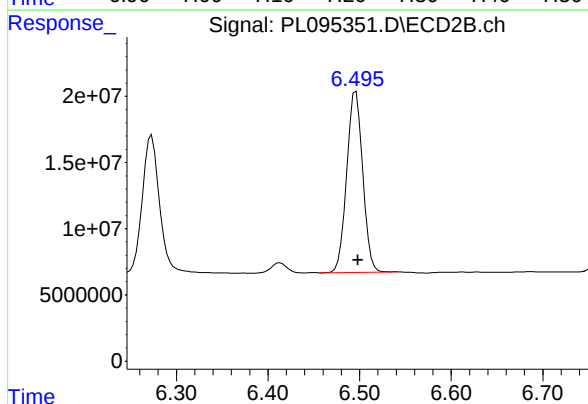
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 146617970
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

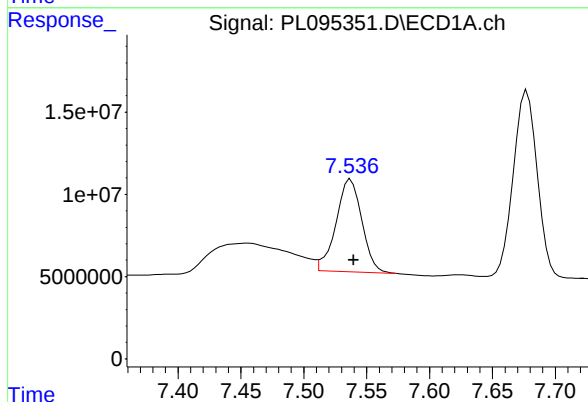
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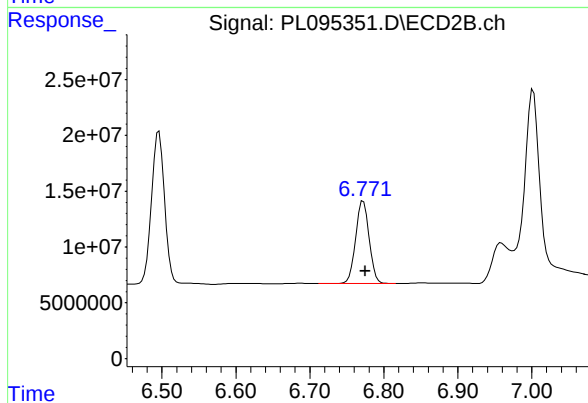
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 166523744
Conc: 50.19 ng/ml



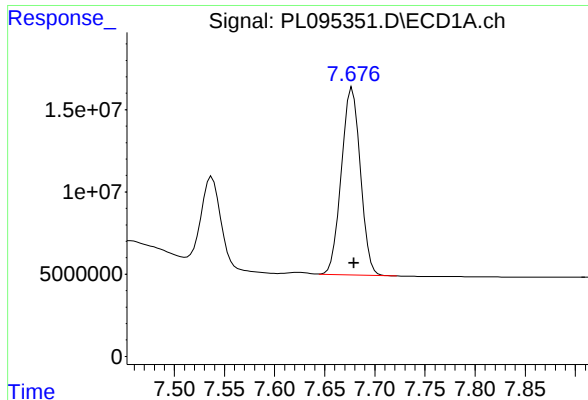
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.004 min
Response: 79894827
Conc: 57.27 ng/ml m



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 93533042
Conc: 49.04 ng/ml



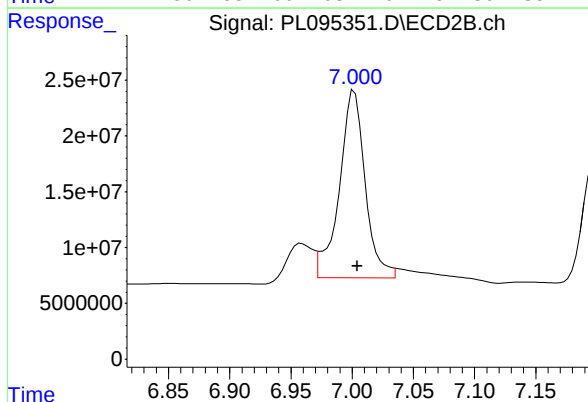
#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: -0.002 min
Response: 150068157
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

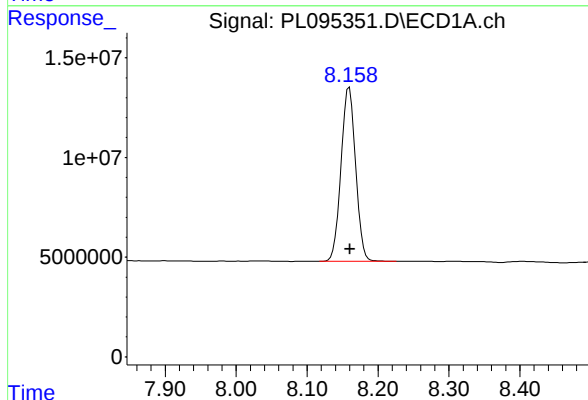
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



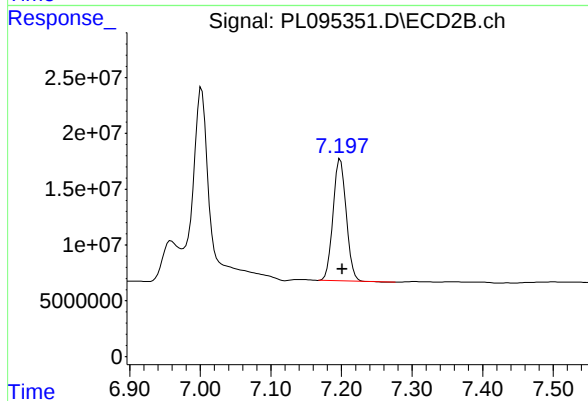
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.004 min
Response: 245204271
Conc: 69.63 ng/ml m



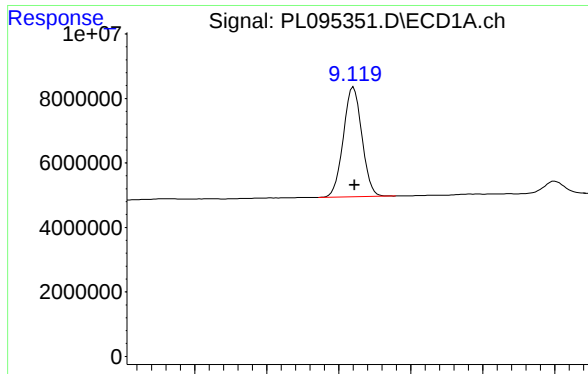
#22 Mirex

R.T.: 8.159 min
Delta R.T.: -0.001 min
Response: 124650515
Conc: 52.46 ng/ml



#22 Mirex

R.T.: 7.199 min
Delta R.T.: -0.003 min
Response: 142467055
Conc: 49.43 ng/ml



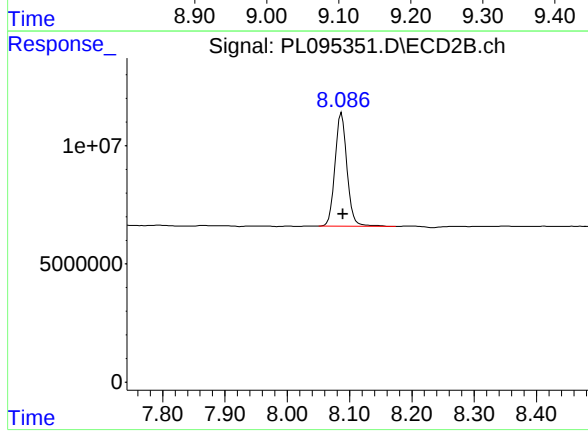
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 61054848
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167688BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: -0.002 min
Response: 63750256
Conc: 21.54 ng/ml