

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
 Data File : PL095034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 13:35
 Operator : AR\AJ
 Sample : Q1694-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-18MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/04/2025
 Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:36:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.769	50817847	63886463	17.953m	17.899
28) SA Decachlor...	9.049	7.900	40591891	72478472	19.261	17.943
Target Compounds						
2) A alpha-BHC	3.992	3.269	179.0E6	255.6E6	43.099	47.409m
3) MA gamma-BHC...	4.324	3.599	173.5E6	238.9E6	43.489	46.480m
4) MA Heptachlor	4.912	3.938	168.1E6	236.8E6	43.303	44.945
5) MB Aldrin	5.253	4.217	161.9E6	222.8E6	43.859	45.683
6) B beta-BHC	4.524	3.901	81942223	103.7E6	44.408	46.670
7) B delta-BHC	4.770	4.129	172.7E6	225.4E6	44.359	45.055
8) B Heptachlo...	5.680	4.719	148.1E6	215.4E6	44.258	47.036
9) A Endosulfan I	6.066	5.089	142.7E6	212.0E6	46.486	48.309
10) B gamma-Chl...	5.936	4.967	146.8E6	223.9E6	43.560	46.380m
11) B alpha-Chl...	6.015	5.032	152.0E6	225.4E6	46.098	47.234
12) B 4,4'-DDE	6.189	5.219	150.2E6	225.0E6	51.042	48.405m
13) MA Dieldrin	6.341	5.352	150.6E6	227.3E6	47.081	46.840
14) MA Endrin	6.570	5.627	126.5E6	211.1E6	45.623	48.382m
15) B Endosulfa...	6.789	5.922	124.8E6	204.6E6	45.958m	47.280m
16) A 4,4'-DDD	6.705	5.775	116.0E6	181.6E6	53.533m	50.493
17) MA 4,4'-DDT	7.020	6.026	116.8E6	199.5E6	49.106	49.477
18) B Endrin al...	6.921	6.102	98754325	157.4E6	46.781	46.785
19) B Endosulfa...	7.156	6.325	116.5E6	192.3E6	47.911	47.215
20) A Methoxychlor	7.497	6.601	61668617	107.6E6	51.516	50.751
21) B Endrin ke...	7.640	6.830	130.5E6	233.3E6	49.353	48.884
22) Mirex	8.112	7.009	92801962	174.0E6	44.912	45.848

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
Data File : PL095034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 13:35
Operator : AR\AJ
Sample : Q1694-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

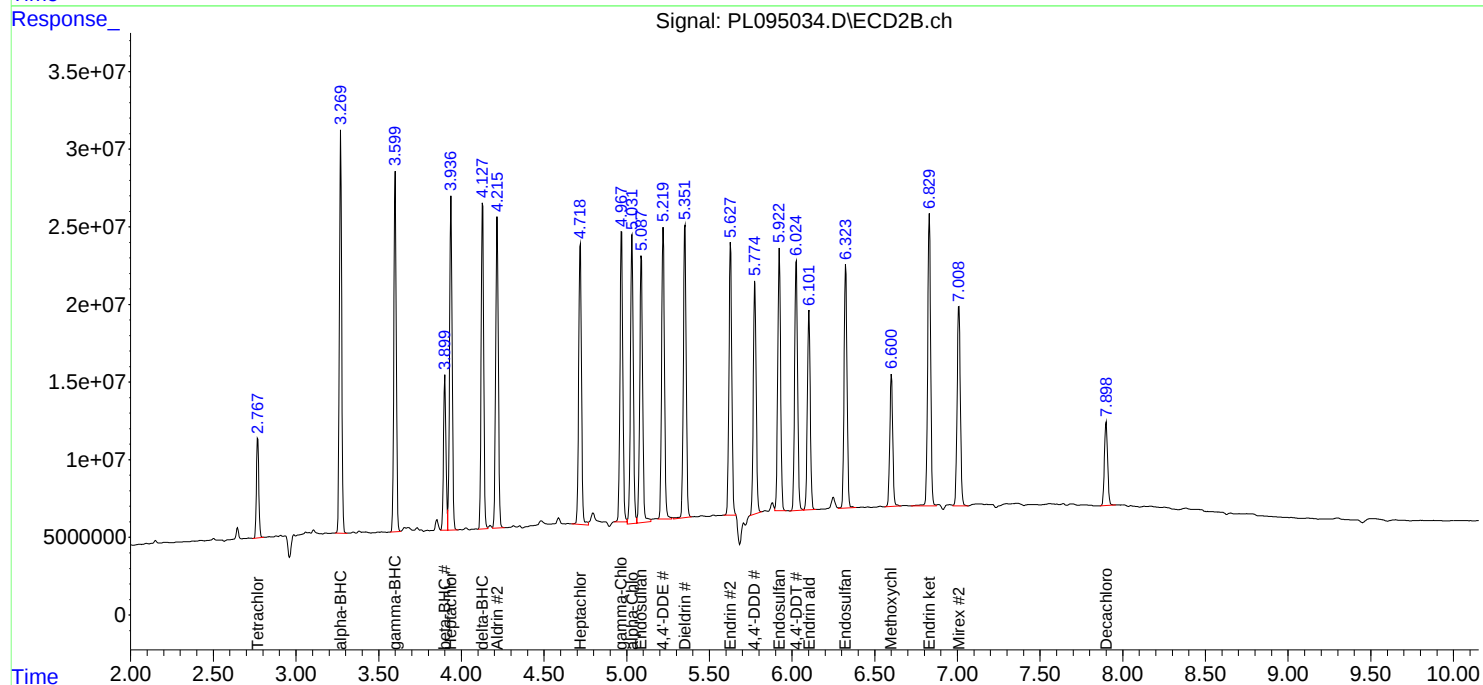
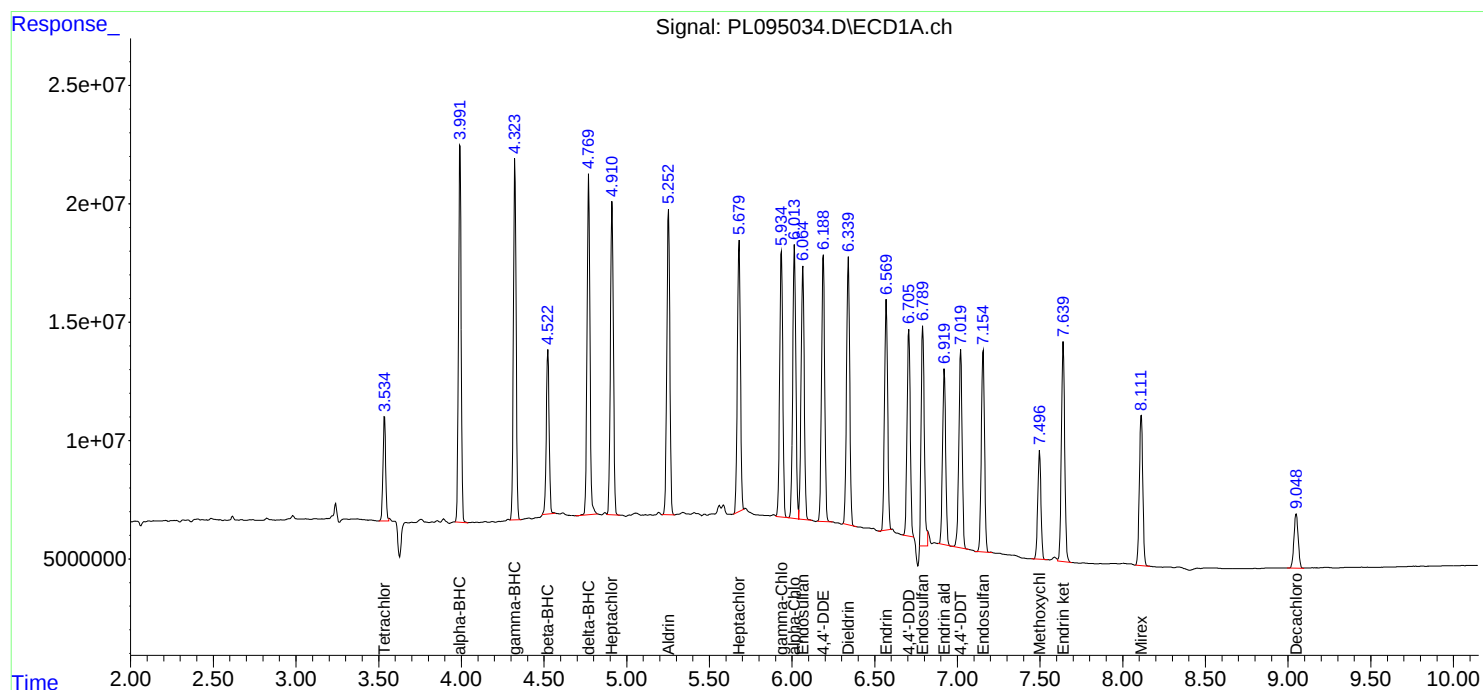
Instrument :
ECD_L
ClientSampleId :
TP-18MS

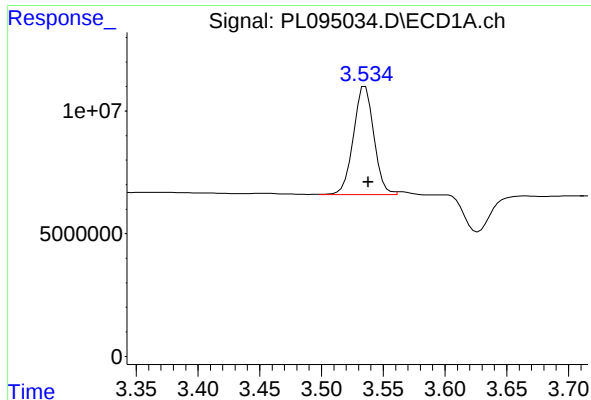
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:36:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





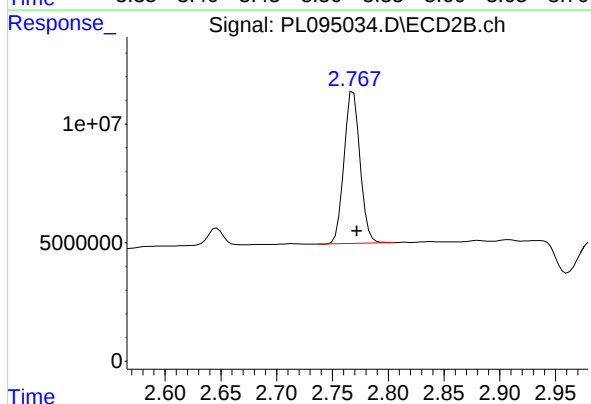
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 50817847
Conc: 17.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

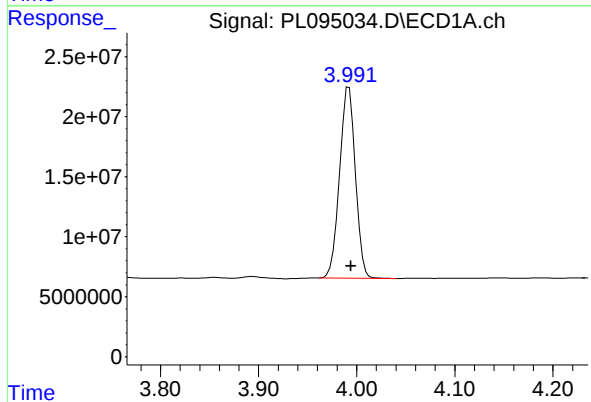
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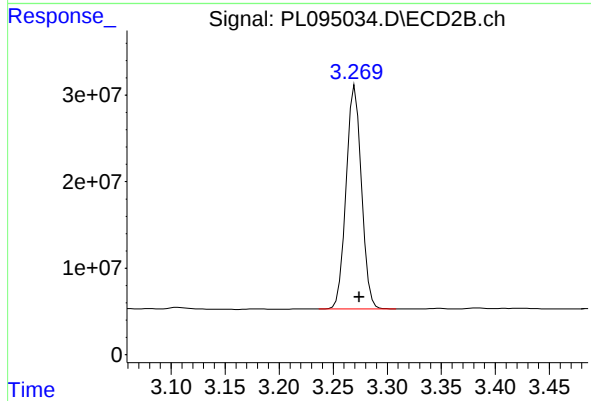
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 63886463
Conc: 17.90 ng/ml



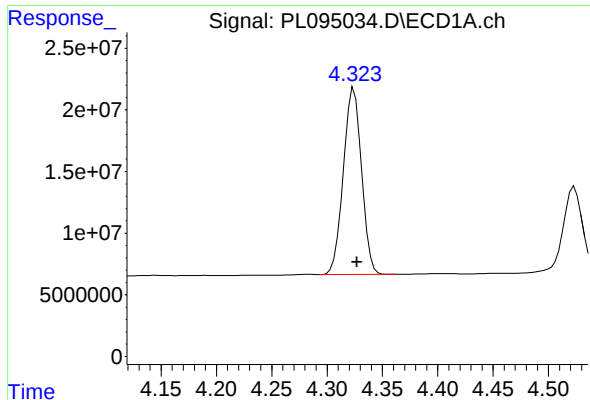
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 178963186
Conc: 43.10 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 255596941
Conc: 47.41 ng/ml m



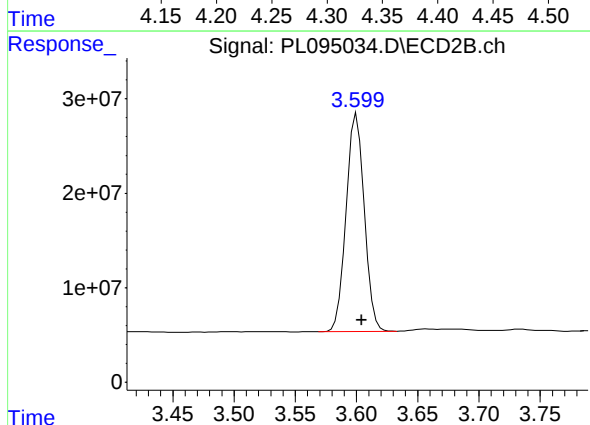
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 173534236
Conc: 43.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

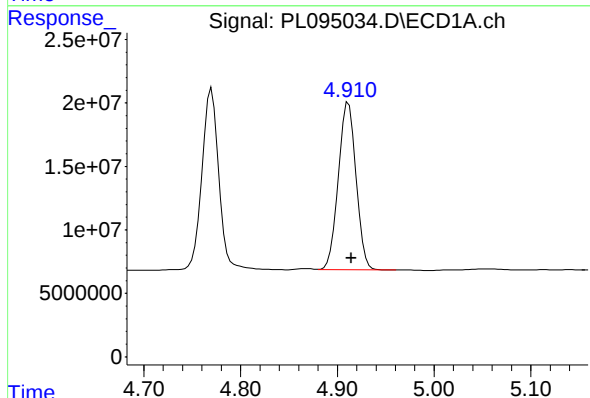
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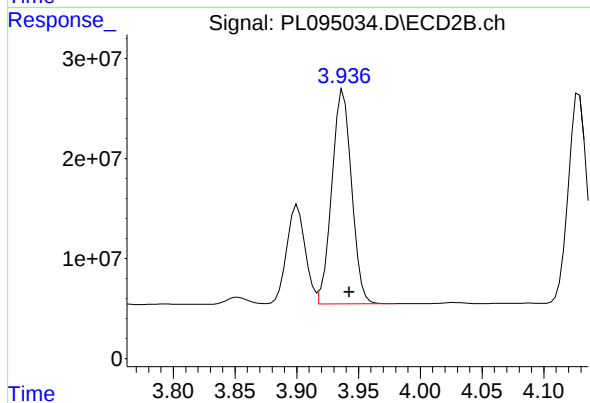
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 238882263
Conc: 46.48 ng/ml



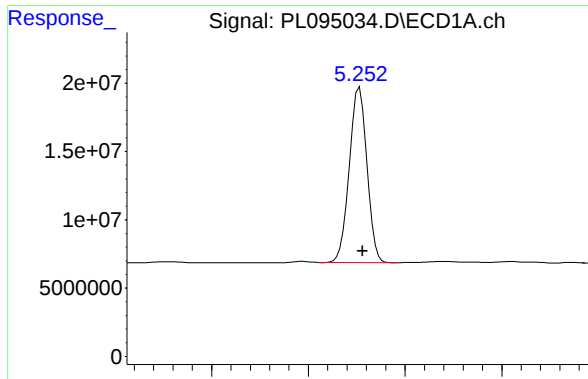
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 168085375
Conc: 43.30 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 236801505
Conc: 44.95 ng/ml



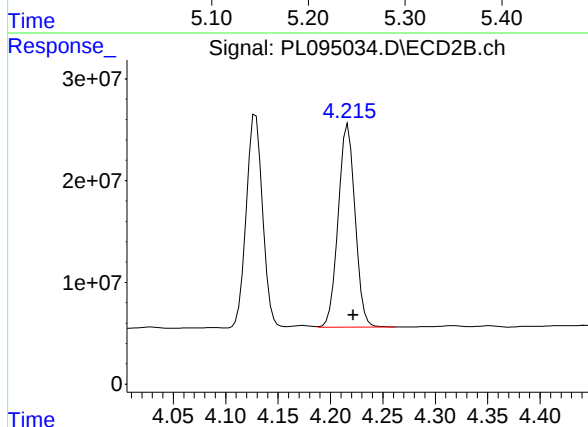
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 161938859
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

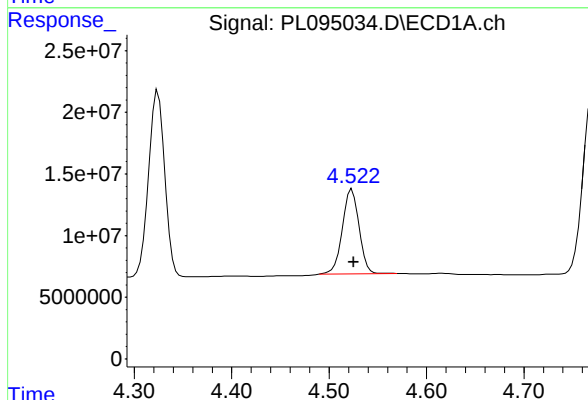
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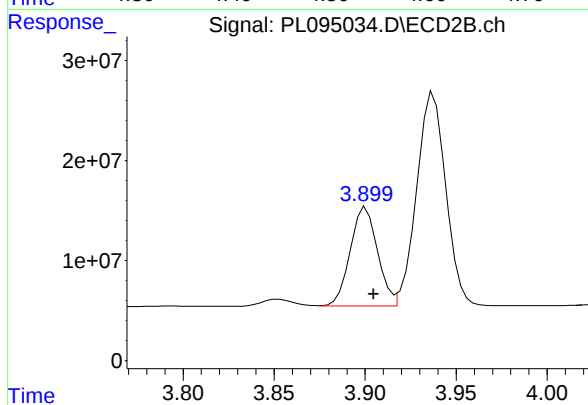
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 222768120
Conc: 45.68 ng/ml



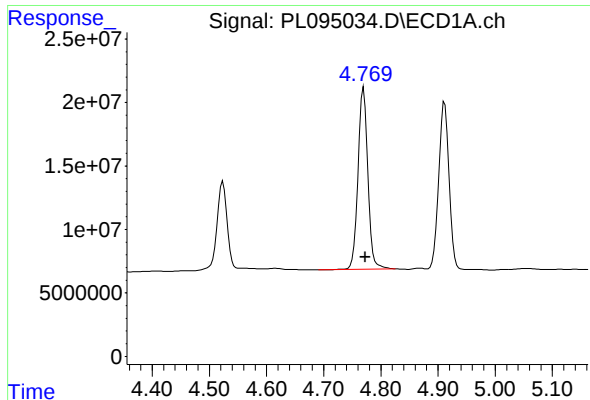
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 81942223
Conc: 44.41 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 103668233
Conc: 46.67 ng/ml



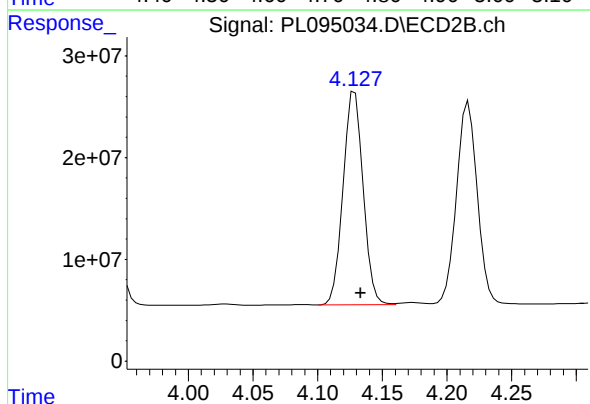
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 172746503
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

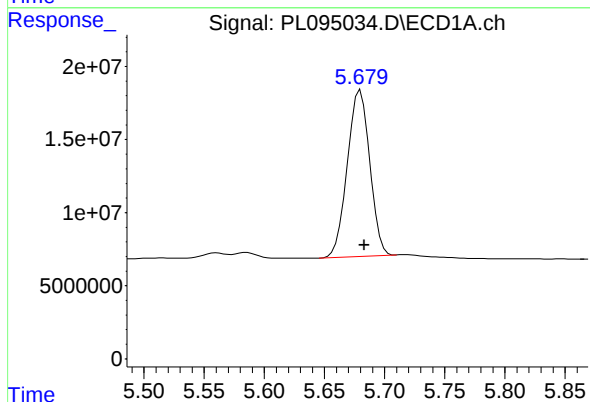
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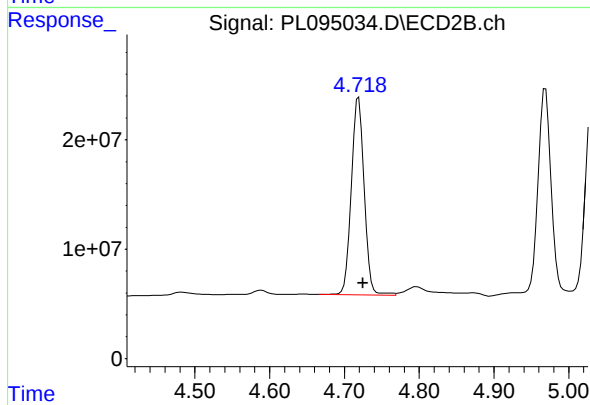
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 225366625
Conc: 45.06 ng/ml



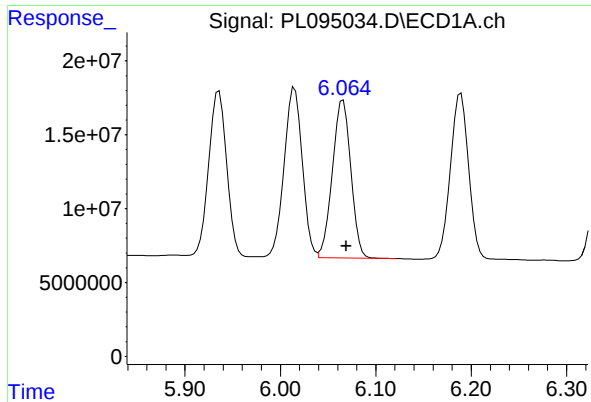
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 148050127
Conc: 44.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 215359330
Conc: 47.04 ng/ml



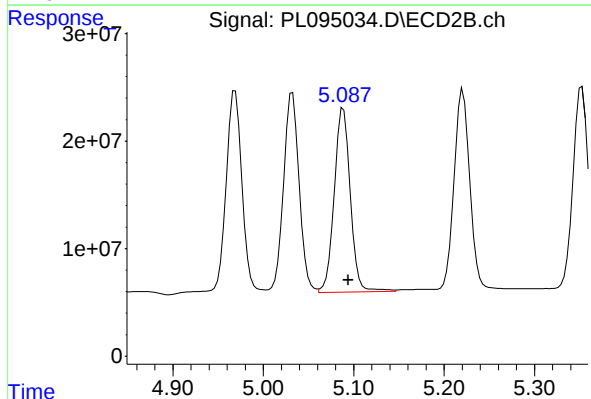
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 142720823
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

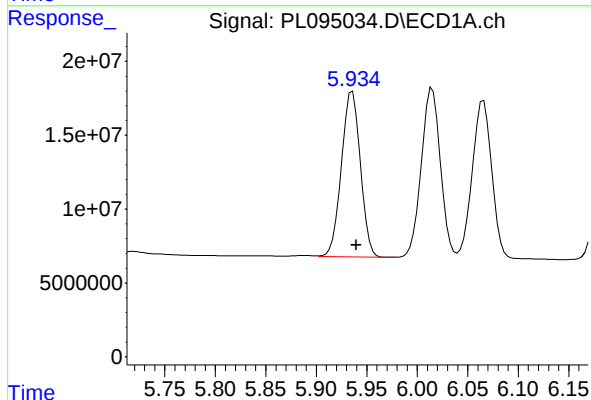
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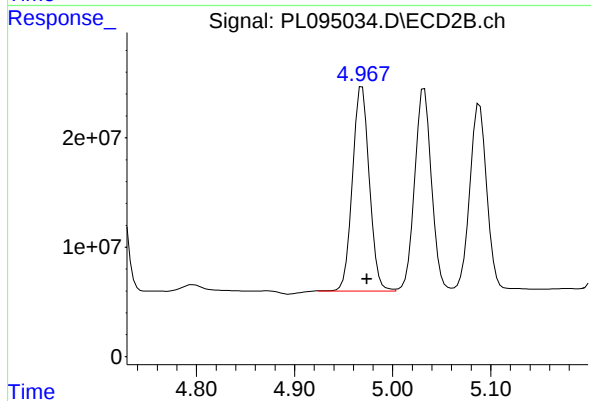
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 212016829
Conc: 48.31 ng/ml



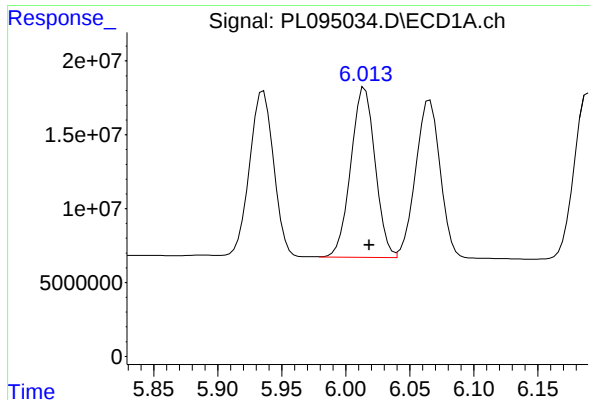
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 146769783
Conc: 43.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 223939988
Conc: 46.38 ng/ml m



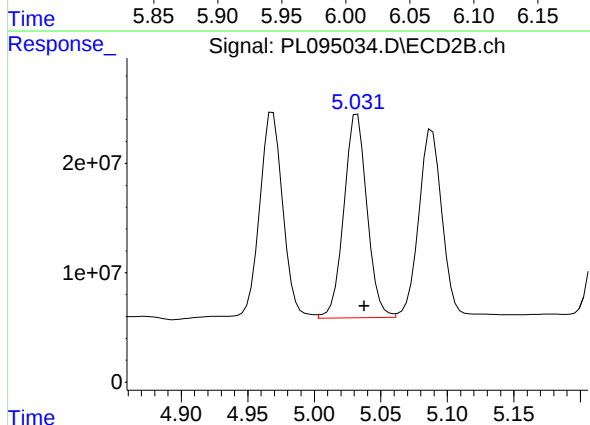
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 151978277
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

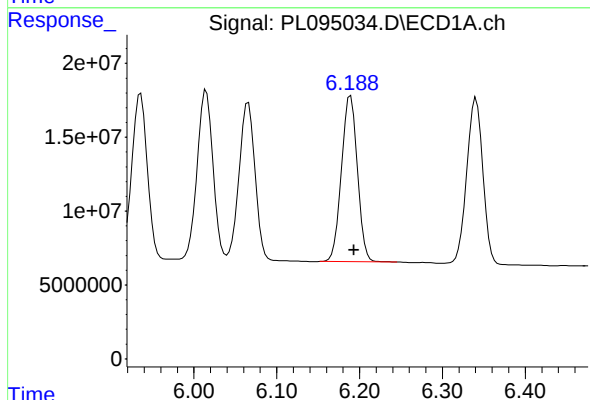
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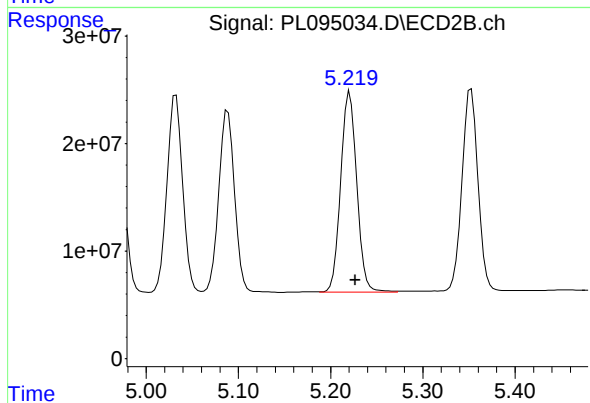
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 225436954
Conc: 47.23 ng/ml



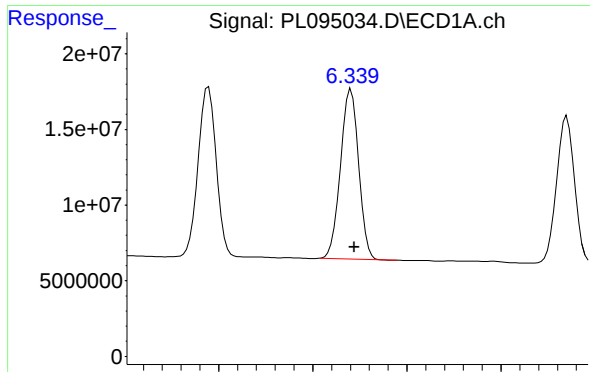
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 150169378
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 225013741
Conc: 48.41 ng/ml m



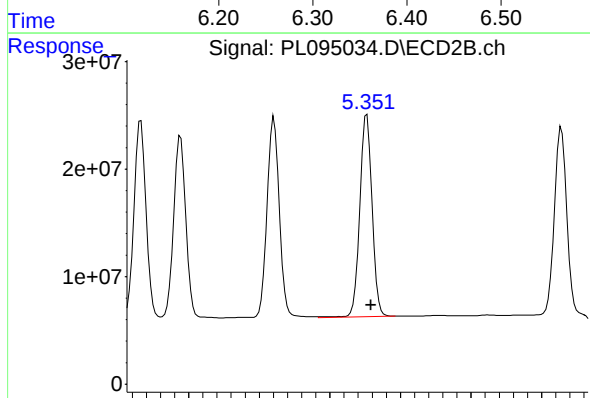
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 150570153
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

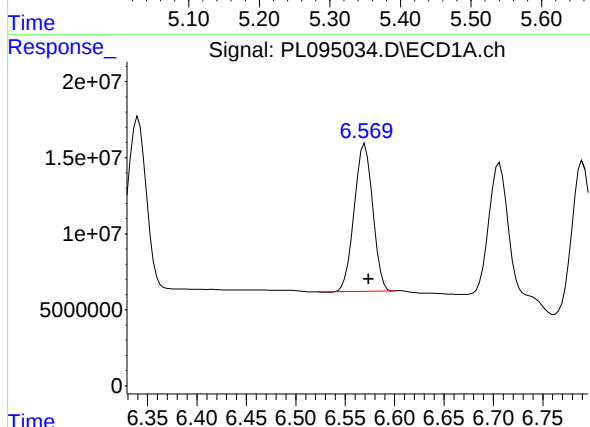
Manual Integrations
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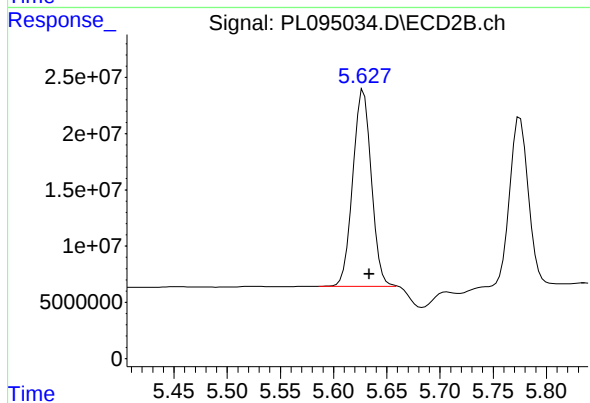
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 227257877
Conc: 46.84 ng/ml



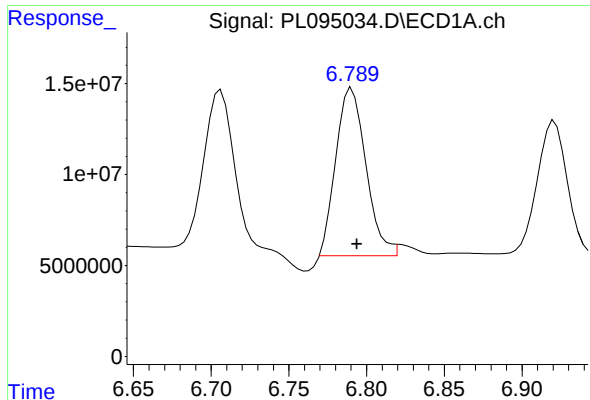
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 126469332
Conc: 45.62 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 211122484
Conc: 48.38 ng/ml m



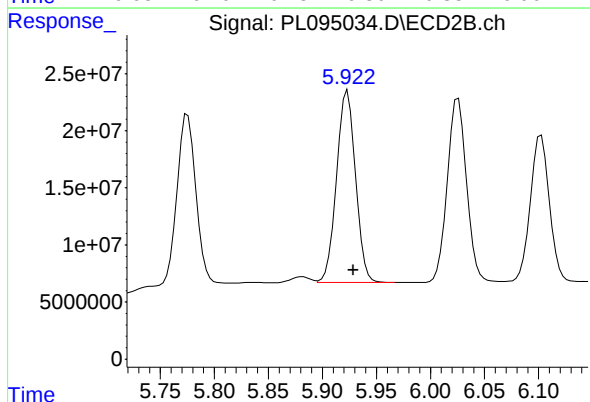
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 124763402
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

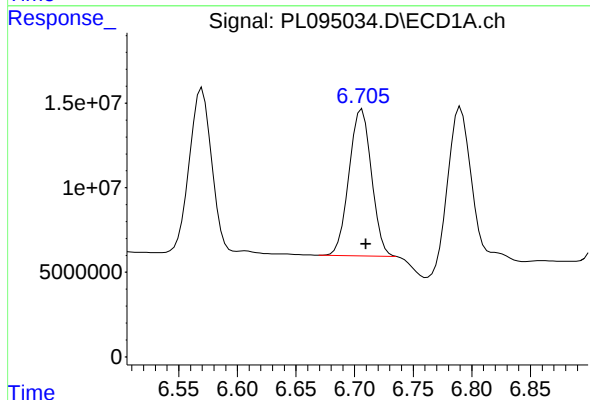
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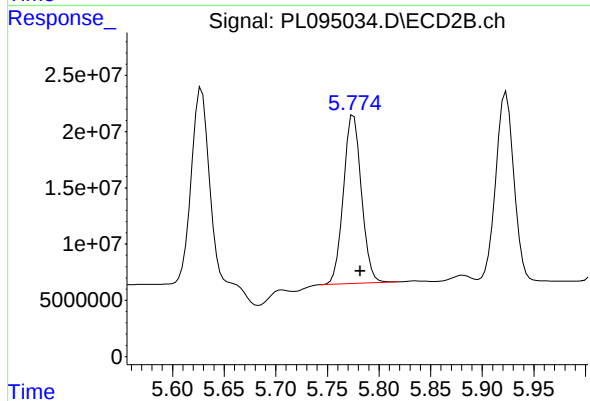
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.007 min
Response: 204638605
Conc: 47.28 ng/ml m



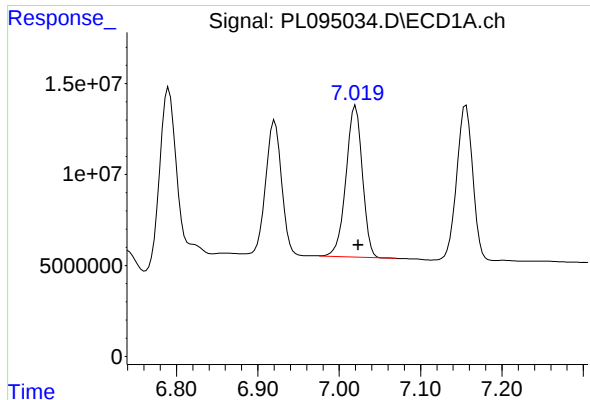
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 115955834
Conc: 53.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 181567592
Conc: 50.49 ng/ml



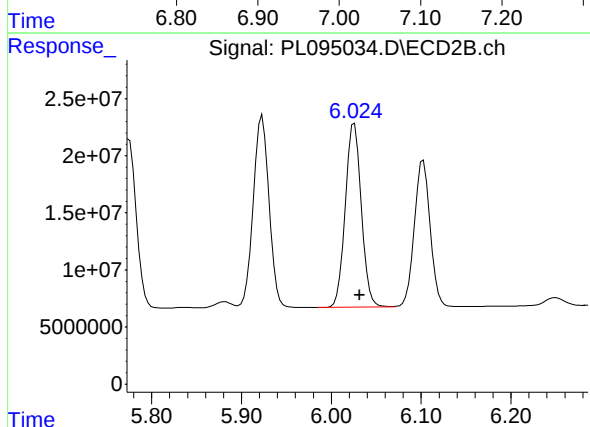
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 116799635
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

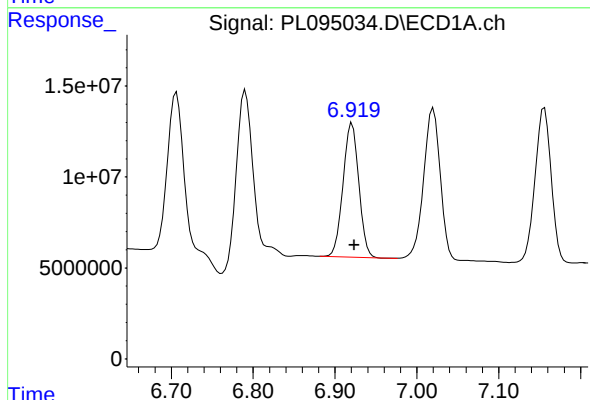
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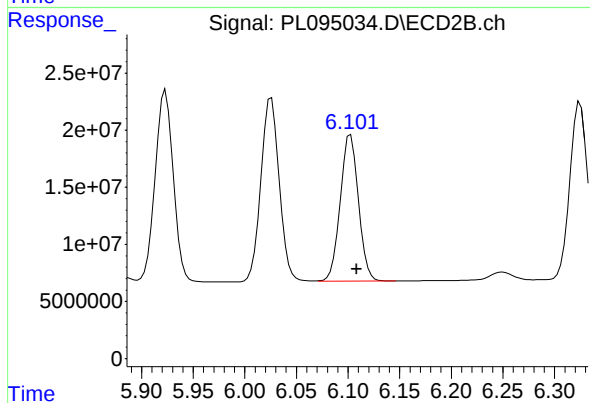
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 199494744
Conc: 49.48 ng/ml



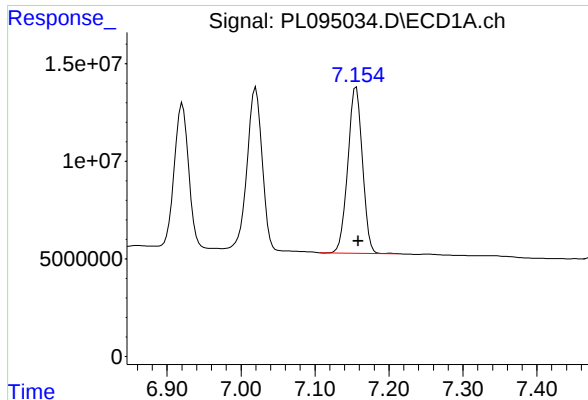
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 98754325
Conc: 46.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 157447727
Conc: 46.78 ng/ml



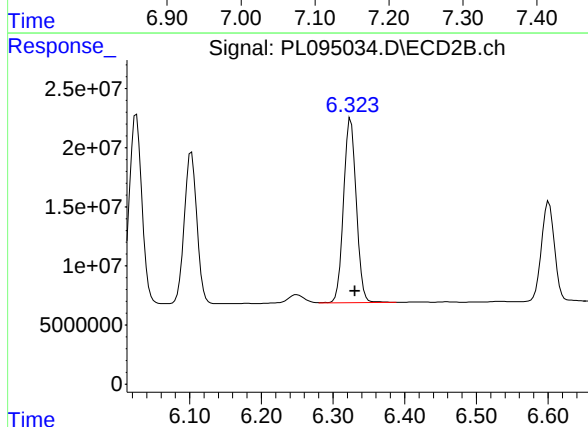
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 116520061
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

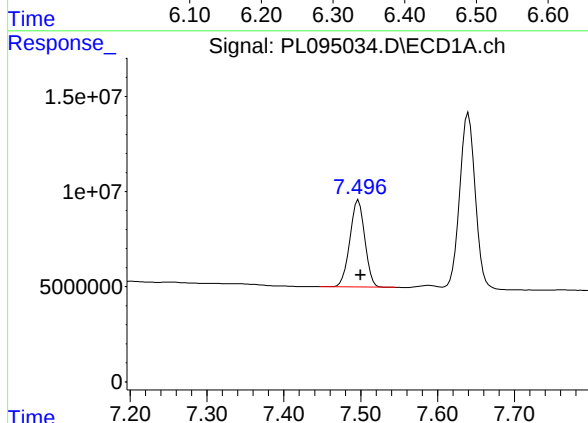
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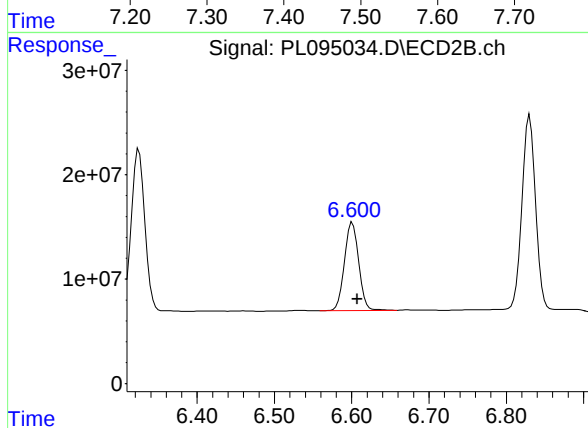
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 192326506
Conc: 47.21 ng/ml



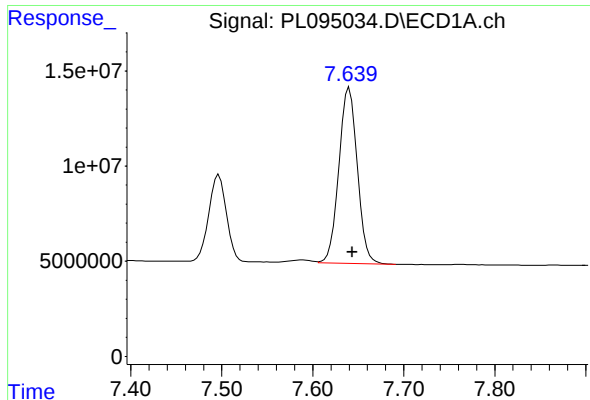
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 61668617
Conc: 51.52 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 107646582
Conc: 50.75 ng/ml



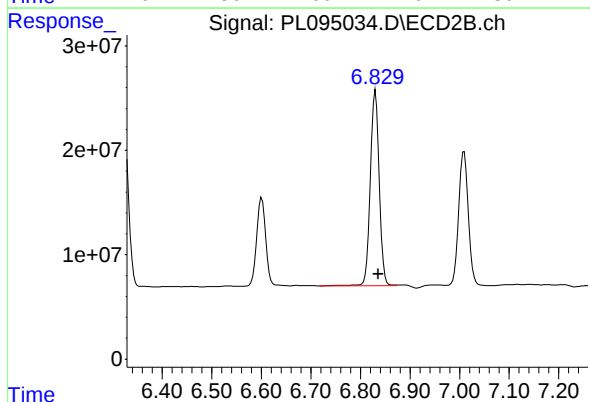
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 130451989
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

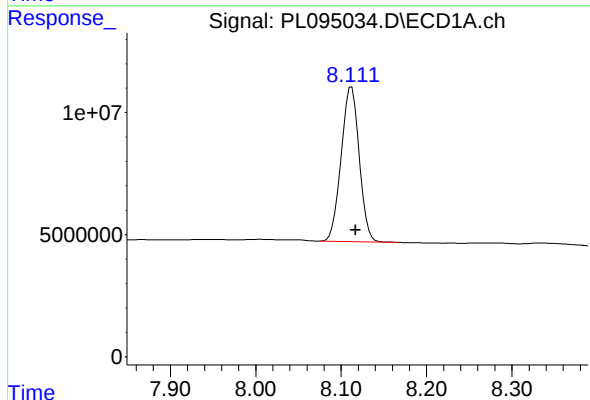
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



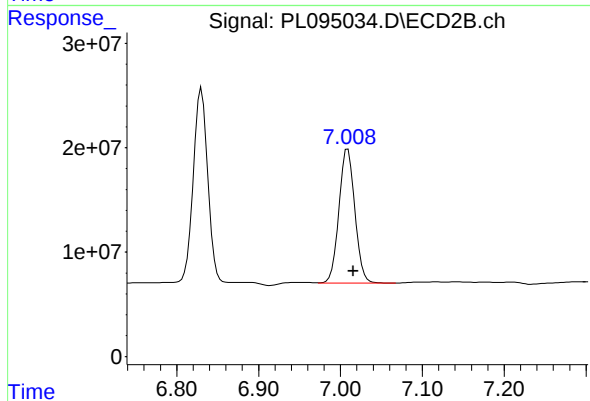
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 233303952
Conc: 48.88 ng/ml



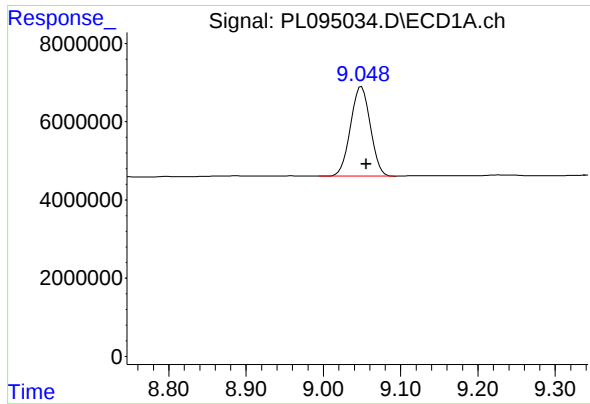
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 92801962
Conc: 44.91 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 174007930
Conc: 45.85 ng/ml



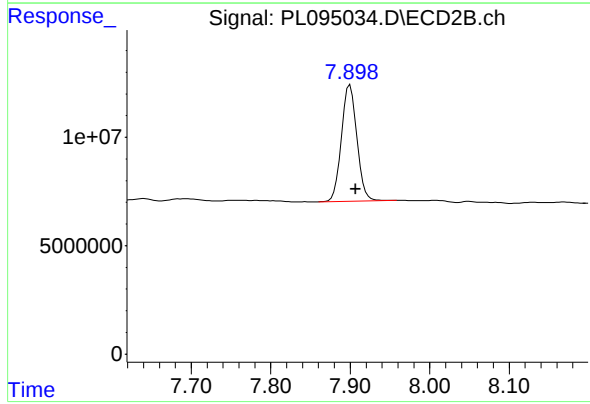
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 40591891
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 72478472
Conc: 17.94 ng/ml