

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
 Data File : PL094825.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2025 17:46
 Operator : AR\AJ
 Sample : PB167250BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167250BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2025
 Supervised By : mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:53:09 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...	3.540	2.770	55793460	76336626	19.710	21.387
28)	SA Decachlor...	9.057	7.905	50200022	86957597	23.820	21.528
Target Compounds							
2)	A alpha-BHC	3.997	3.272	182.9E6	268.5E6	44.050	49.804
3)	MA gamma-BHC...	4.329	3.602	176.9E6	249.4E6	44.341	48.524
4)	MA Heptachlor	4.917	3.940	169.7E6	250.2E6	43.711	47.497
5)	MB Aldrin	5.259	4.219	163.0E6	233.8E6	44.143	47.939
6)	B beta-BHC	4.529	3.903	81385285	112.7E6	44.106	50.745
7)	B delta-BHC	4.775	4.131	189.1E6	250.2E6	48.557	50.016
8)	B Heptachlo...	5.685	4.721	149.2E6	224.9E6	44.599	49.112m
9)	A Endosulfan I	6.071	5.092	141.2E6	216.8E6	46.002	49.393
10)	B gamma-Chl...	5.941	4.972	152.7E6	237.4E6	45.333	49.168
11)	B alpha-Chl...	6.021	5.036	150.4E6	233.1E6	45.607	48.847
12)	B 4,4'-DDE	6.194	5.224	149.6E6	240.6E6	50.848	51.763
13)	MA Dieldrin	6.346	5.356	150.4E6	240.5E6	47.034	49.572
14)	MA Endrin	6.575	5.630	124.1E6	218.2E6	44.771m	50.003m
15)	B Endosulfa...	6.796	5.927	130.3E6	215.9E6	48.012	49.872
16)	A 4,4'-DDD	6.713	5.780	117.3E6	198.9E6	54.137	55.305
17)	MA 4,4'-DDT	7.026	6.030	120.7E6	206.8E6	50.733	51.290
18)	B Endrin al...	6.927	6.107	102.0E6	165.5E6	48.297	49.191
19)	B Endosulfa...	7.161	6.329	118.0E6	207.3E6	48.506	50.897
20)	A Methoxychlor	7.502	6.605	62803380	109.8E6	52.464	51.783
21)	B Endrin ke...	7.646	6.833	133.6E6	248.0E6	50.550	51.967m
22)	Mirex	8.118	7.013	95998404	186.1E6	46.459	49.045m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032425\
Data File : PL094825.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2025 17:46
Operator : AR\AJ
Sample : PB167250BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

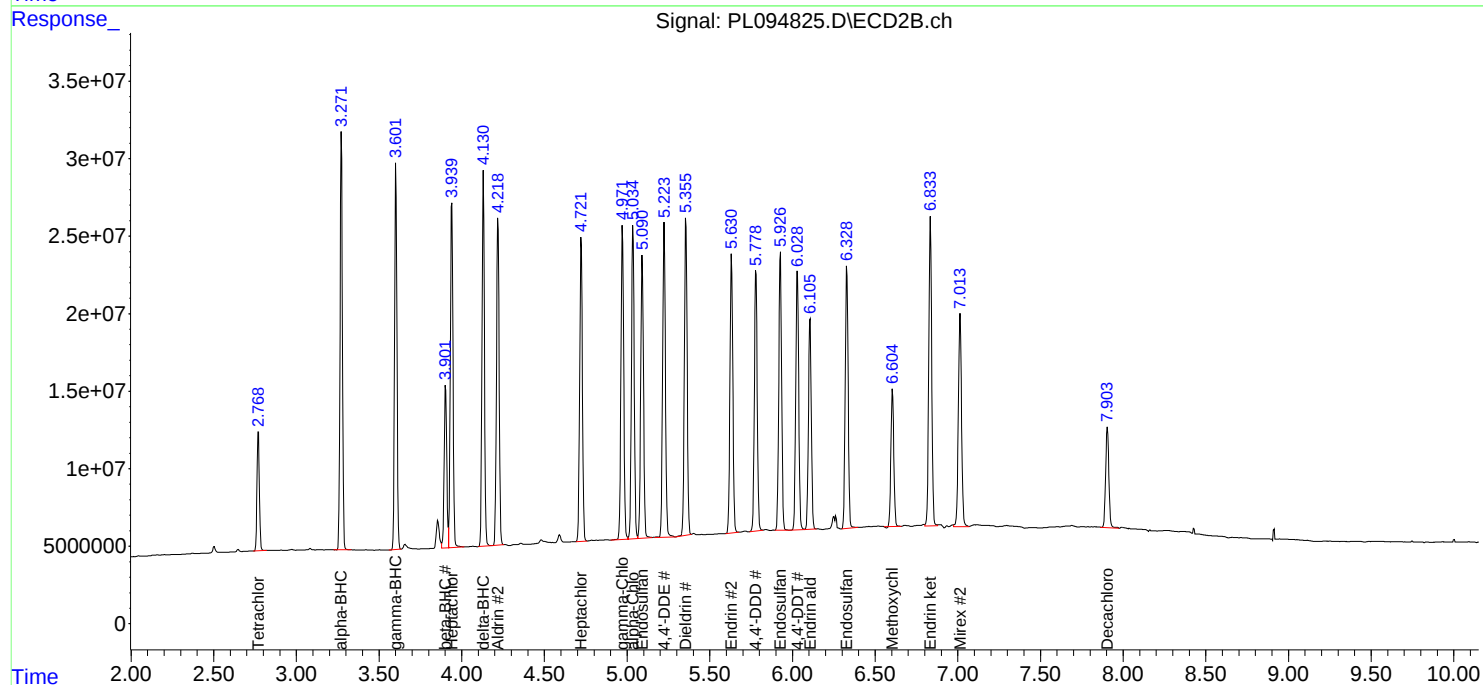
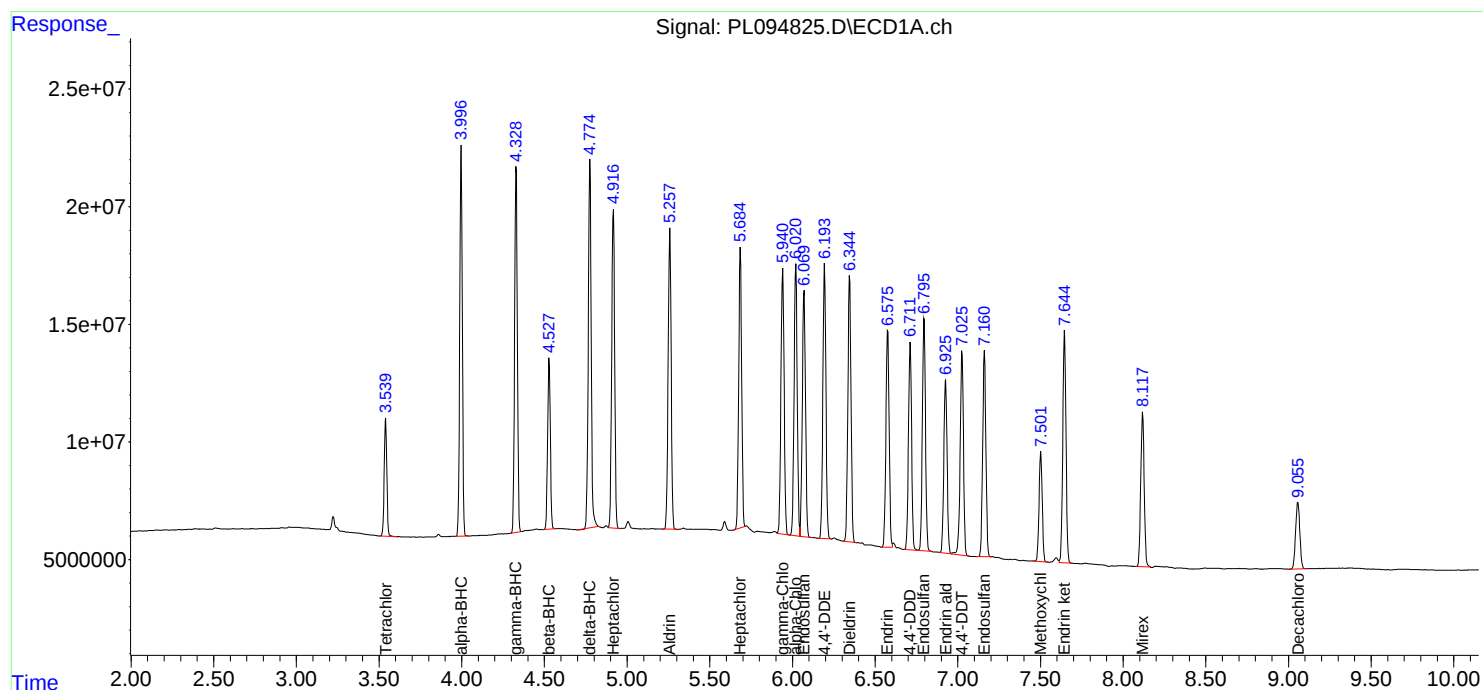
Instrument :
ECD_L
ClientSampleId :
PB167250BS

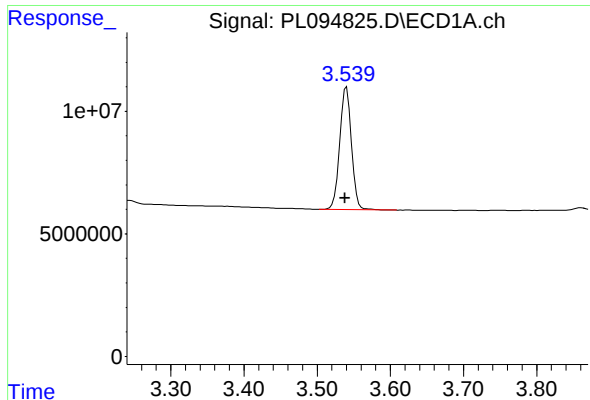
Manual Integrations
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Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 01:53:09 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





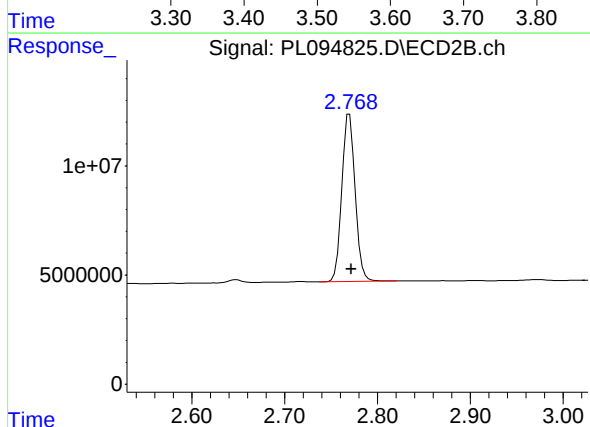
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 55793460
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

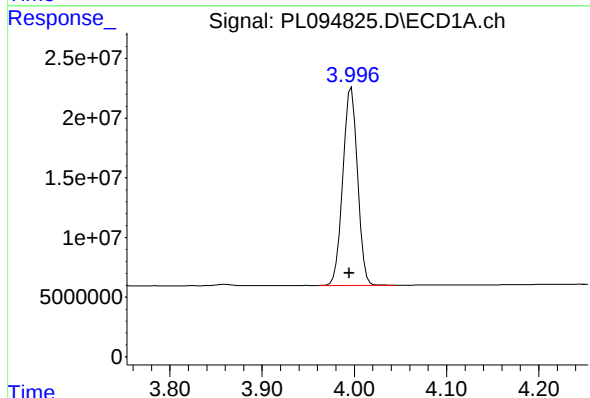
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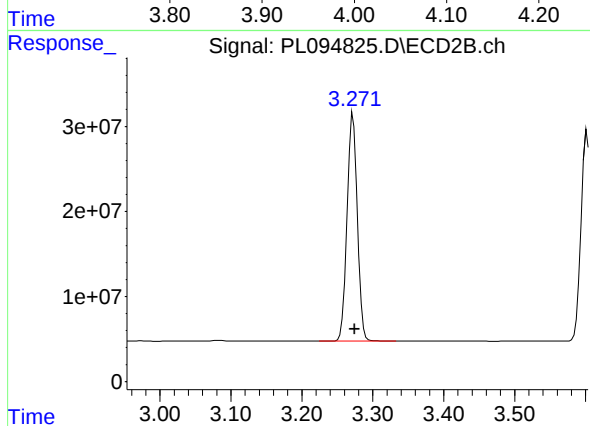
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 76336626
Conc: 21.39 ng/ml



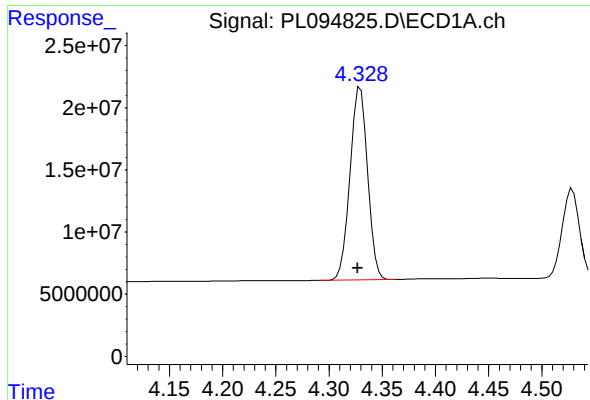
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 182910348
Conc: 44.05 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 268512487
Conc: 49.80 ng/ml



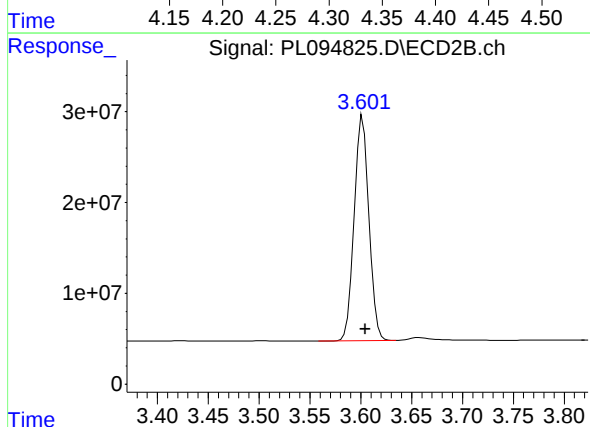
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.003 min
Response: 176930892
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

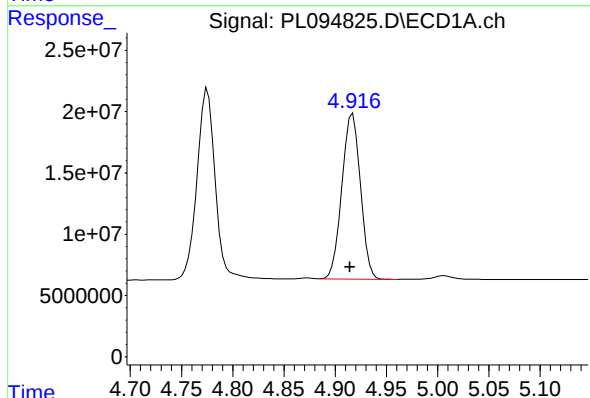
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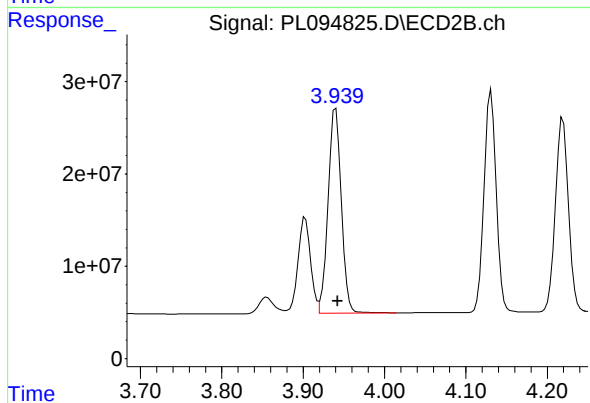
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 249385914
Conc: 48.52 ng/ml



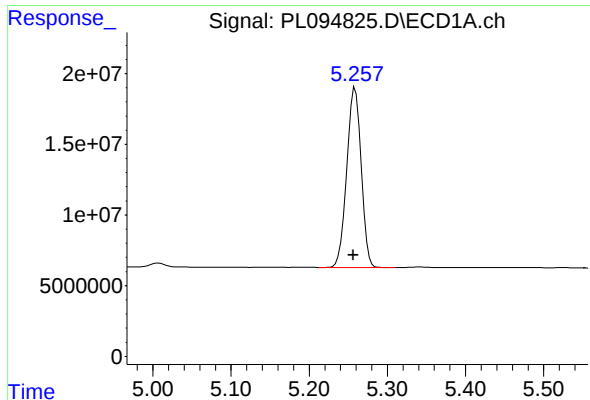
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.003 min
Response: 169669522
Conc: 43.71 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 250246091
Conc: 47.50 ng/ml



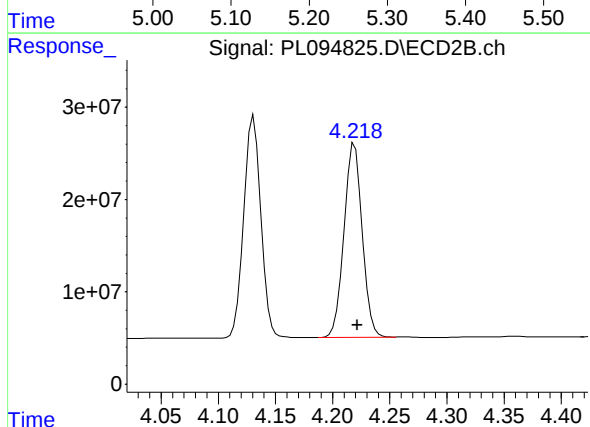
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 162986804
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

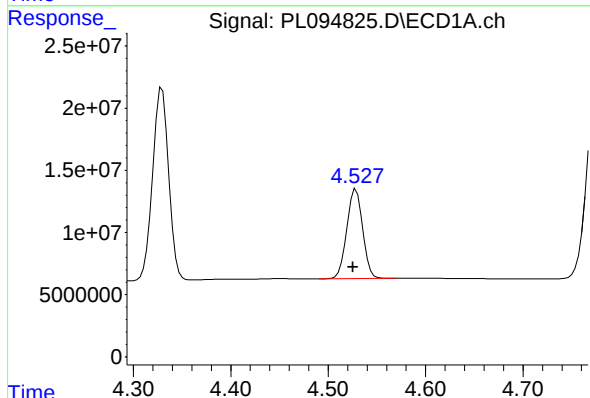
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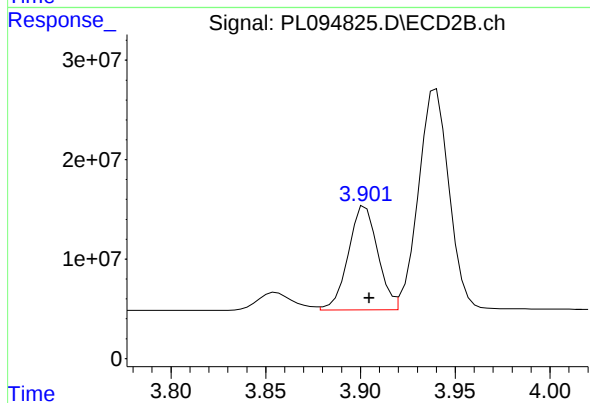
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 233765880
Conc: 47.94 ng/ml



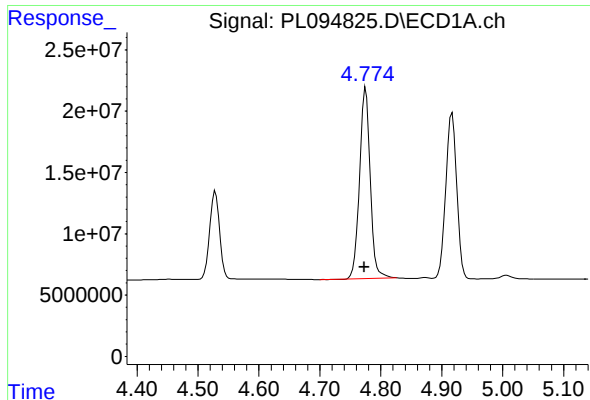
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 81385285
Conc: 44.11 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 112720067
Conc: 50.75 ng/ml



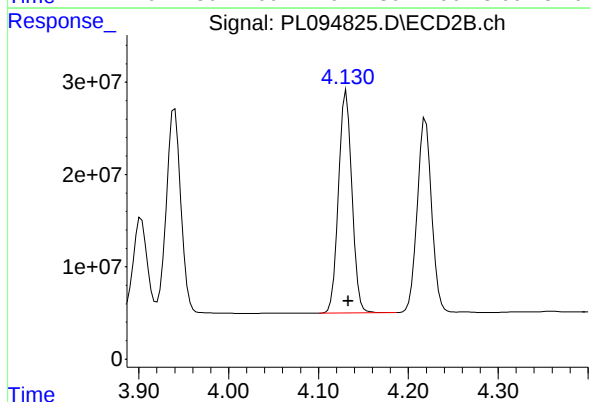
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 189094728
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

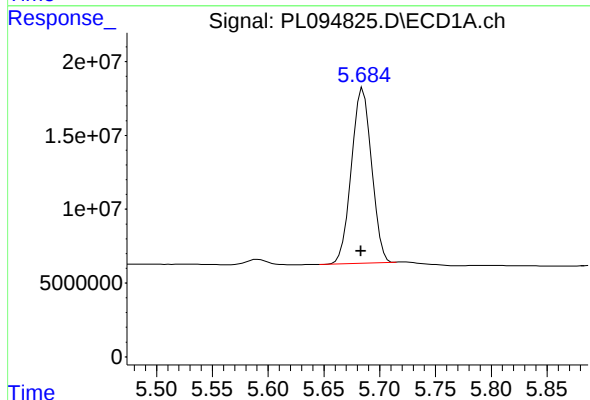
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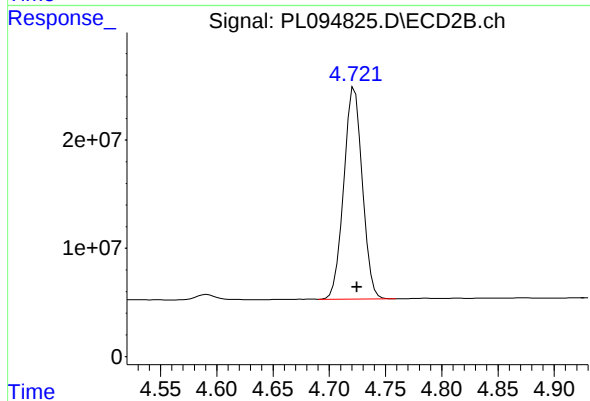
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 250178896
Conc: 50.02 ng/ml



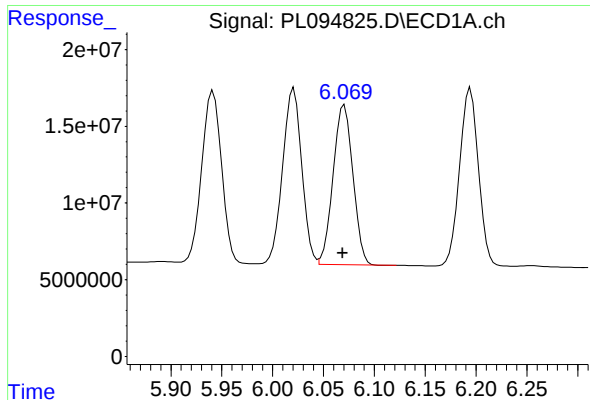
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 149191184
Conc: 44.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 224861397
Conc: 49.11 ng/ml m



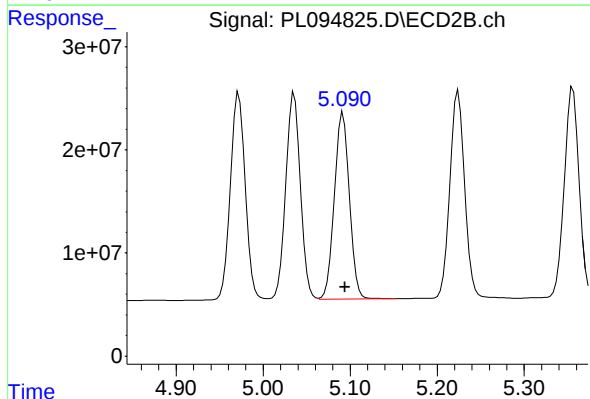
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 141234304
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

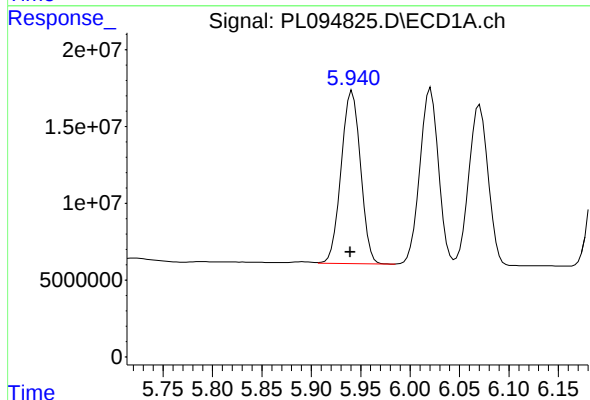
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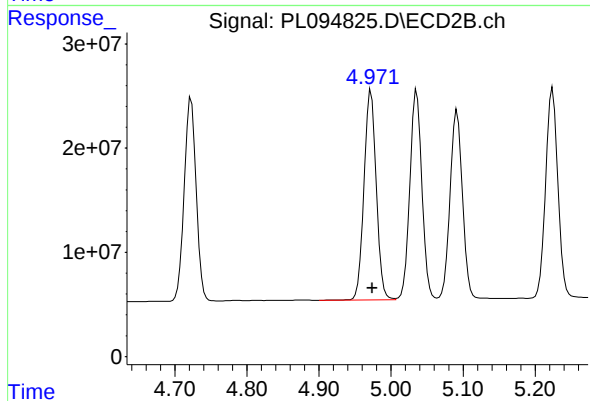
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 216773269
Conc: 49.39 ng/ml



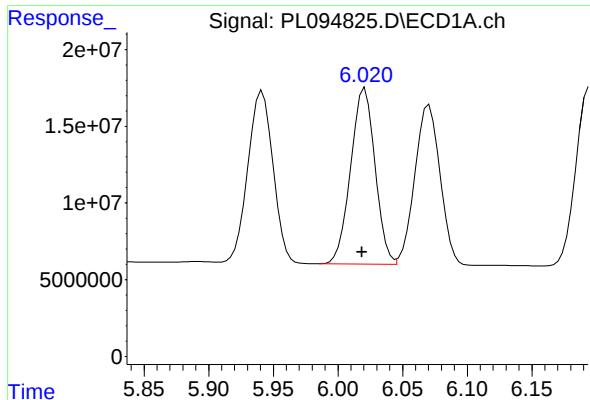
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.002 min
Response: 152742809
Conc: 45.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 237403355
Conc: 49.17 ng/ml



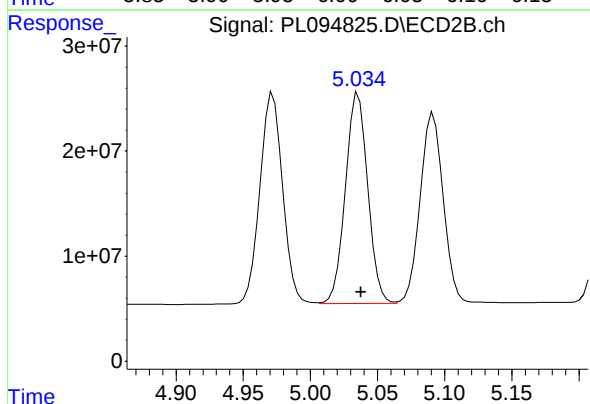
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 150360272
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

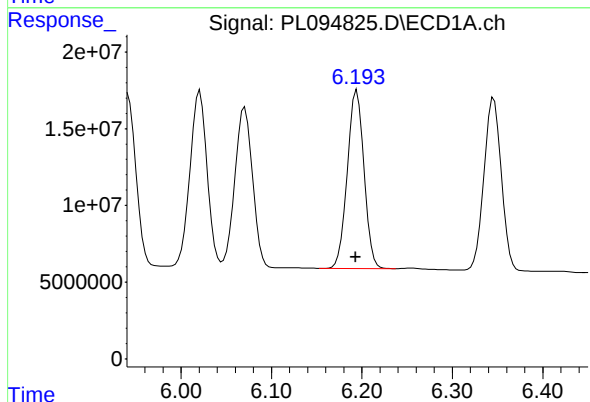
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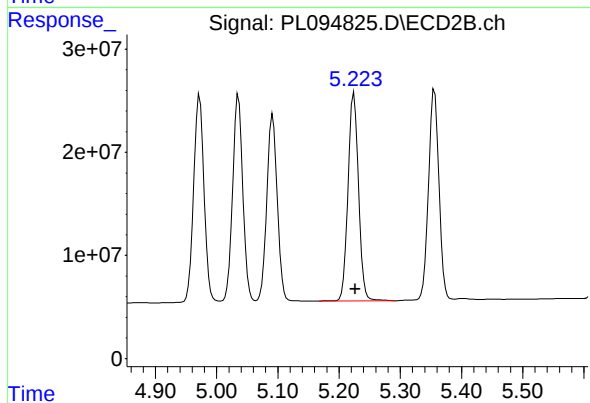
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 233136158
Conc: 48.85 ng/ml



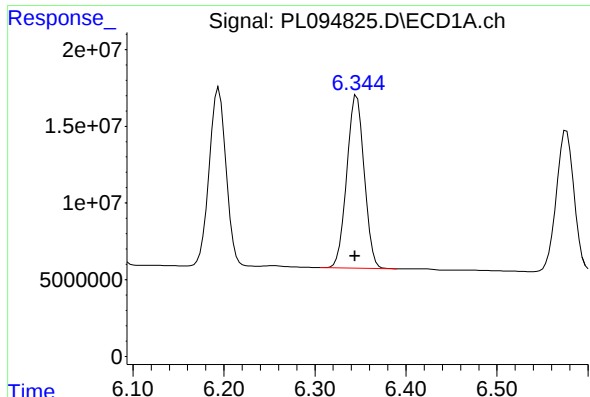
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 149597567
Conc: 50.85 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 240622455
Conc: 51.76 ng/ml



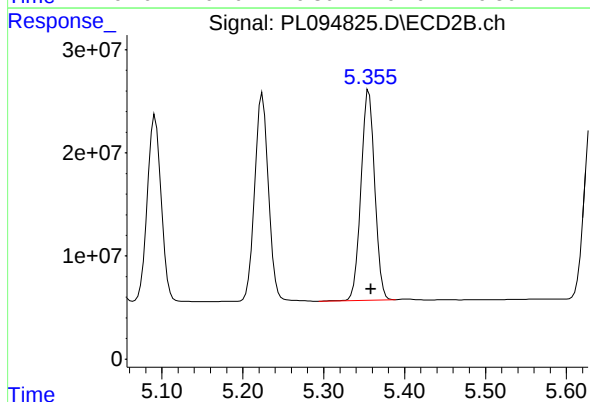
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 150422426
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

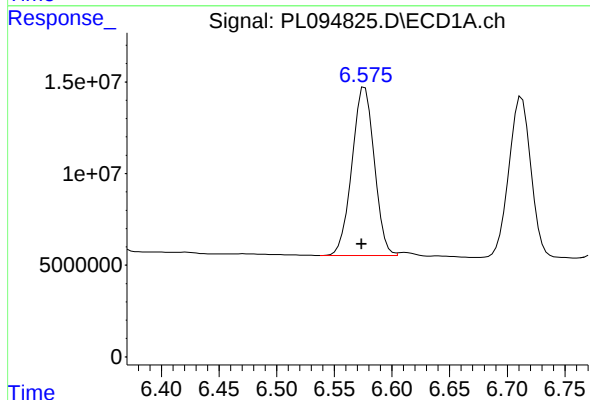
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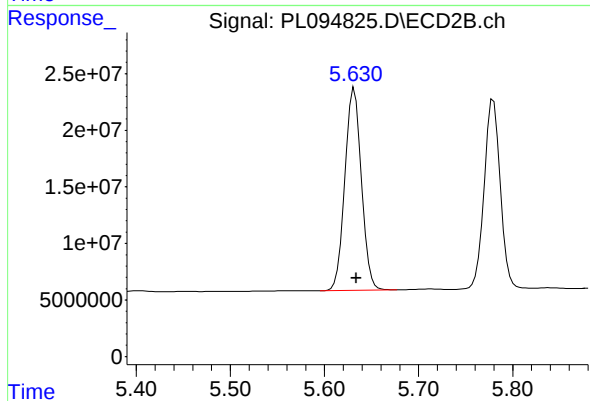
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 240512461
Conc: 49.57 ng/ml



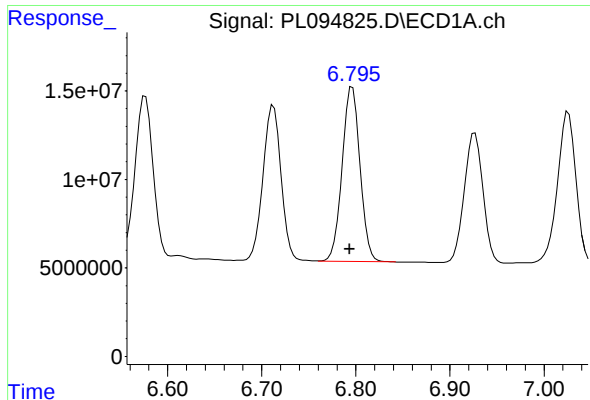
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 124109421
Conc: 44.77 ng/ml m



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 218195915
Conc: 50.00 ng/ml m



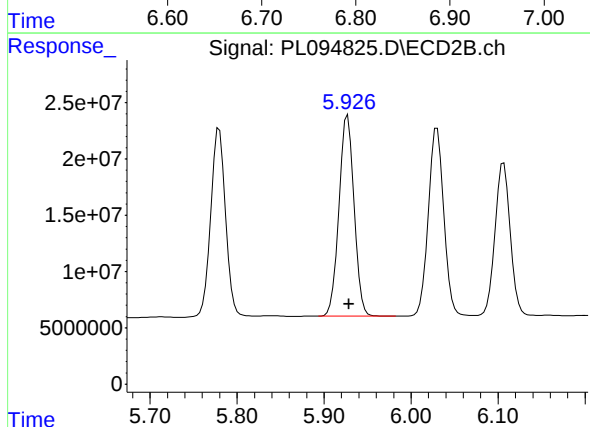
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.003 min
Response: 130340876
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

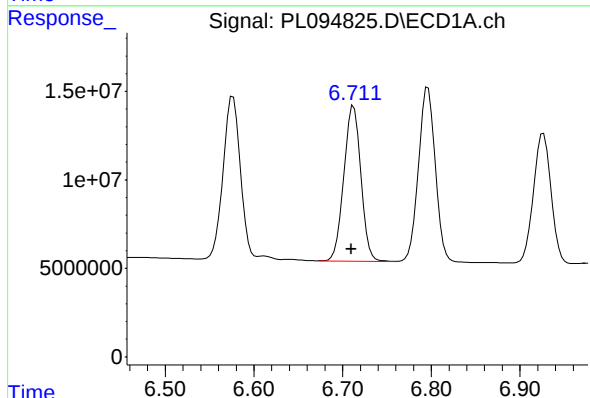
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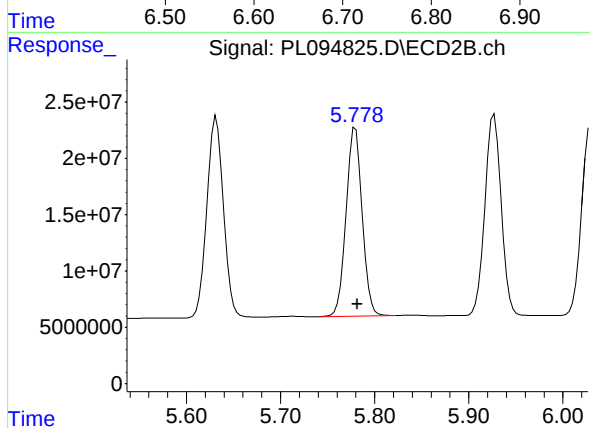
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 215860247
Conc: 49.87 ng/ml



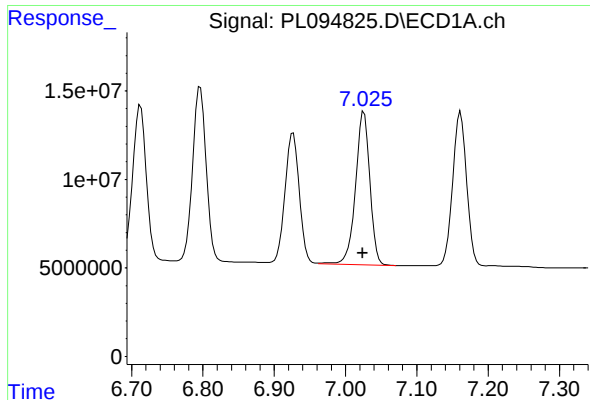
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 117263621
Conc: 54.14 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 198869289
Conc: 55.30 ng/ml



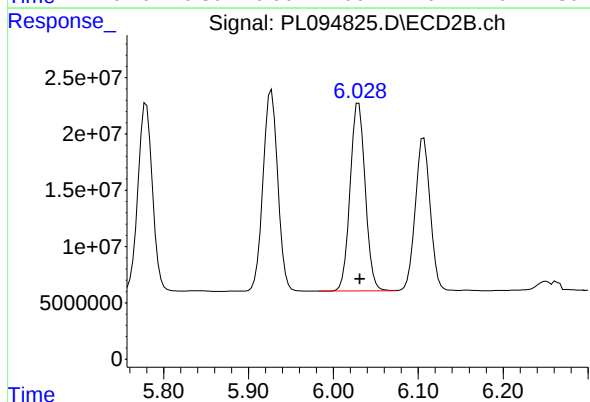
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 120670416
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

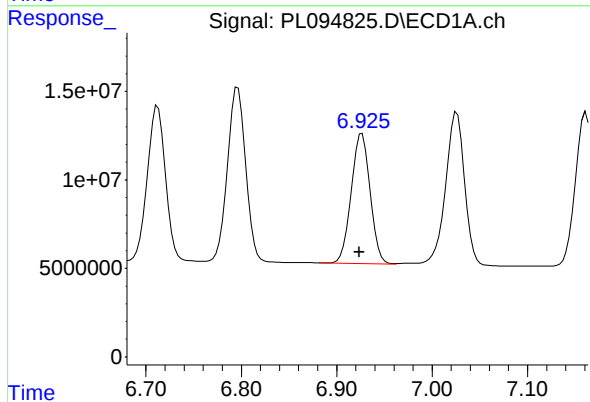
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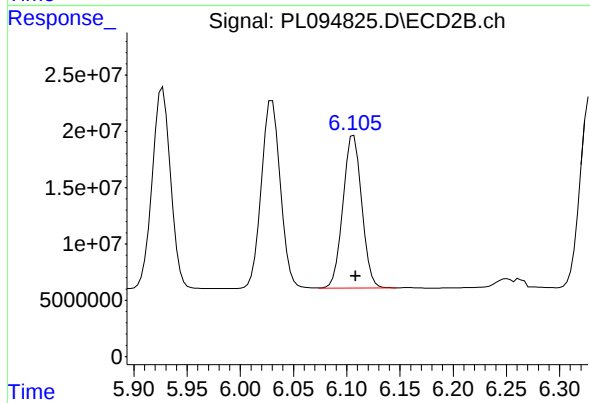
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 206808682
Conc: 51.29 ng/ml



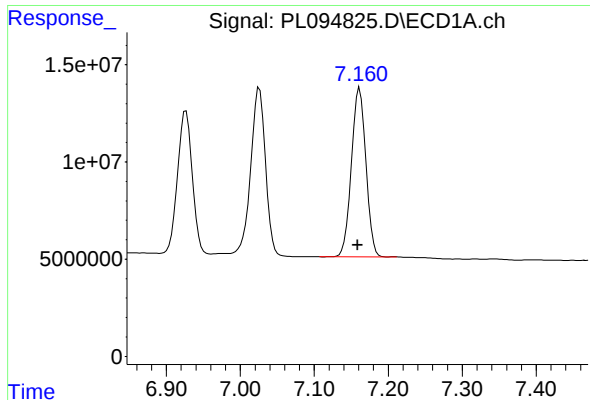
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 101955126
Conc: 48.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 165544395
Conc: 49.19 ng/ml



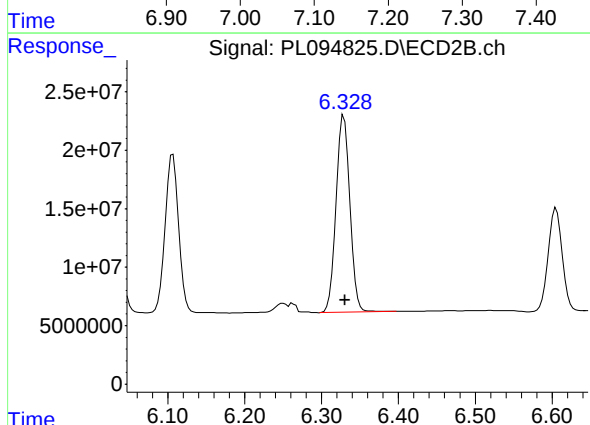
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 117966379
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

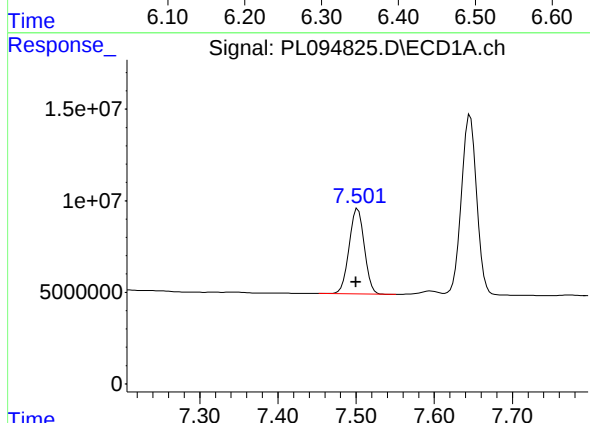
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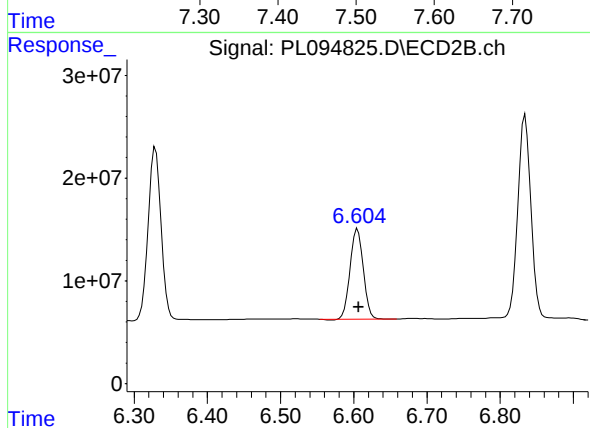
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 207327023
Conc: 50.90 ng/ml



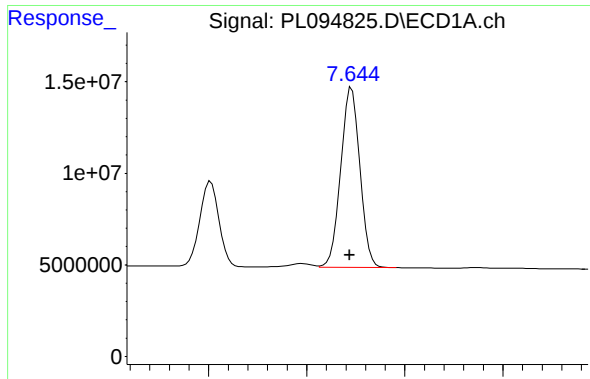
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 62803380
Conc: 52.46 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 109835168
Conc: 51.78 ng/ml



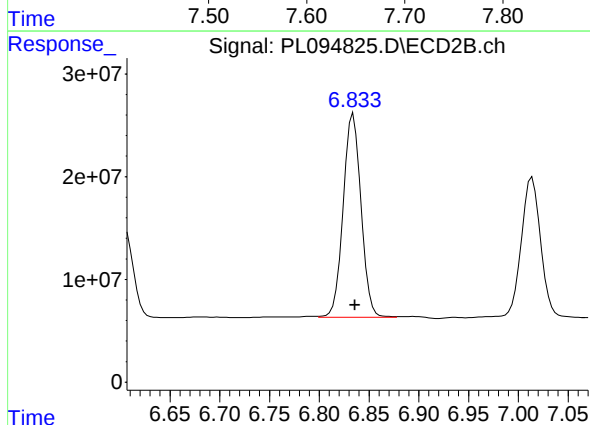
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 133617995
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

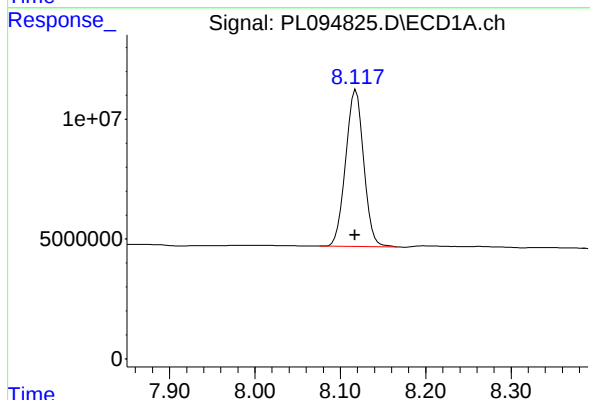
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2025
Supervised By :mohammad ahmed 03/26/2025



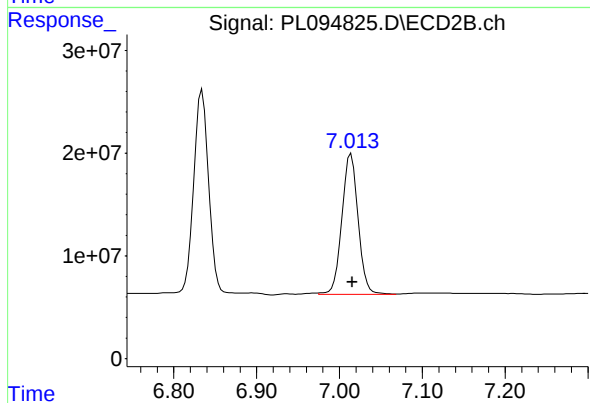
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 248015108
Conc: 51.97 ng/ml m



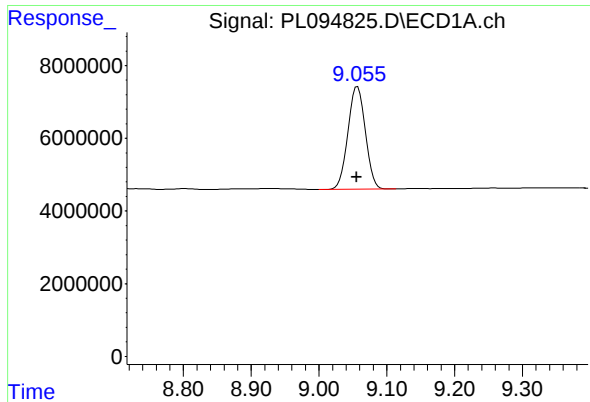
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 95998404
Conc: 46.46 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 186141261
Conc: 49.05 ng/ml m



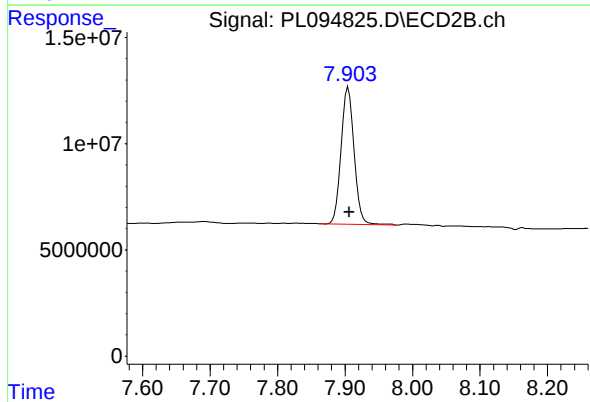
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.001 min
Response: 50200022
Conc: 23.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167250BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/26/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 86957597
Conc: 21.53 ng/ml