

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
 Data File : PL087906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2024 14:27
 Operator : AR\AJ
 Sample : P1219-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 222177MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/24/2024
 Supervised By :Ankita Jodhani 01/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 00:29:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.420	2.687	61796695	26611979	20.642	21.969
28) SA Decachlor...	8.977	7.872	64335651	28130921	22.590	22.206
Target Compounds						
2) A alpha-BHC	3.876	3.191	202.0E6	84372135	45.009	45.778
3) MA gamma-BHC...	4.210	3.521	195.0E6	84048423	44.708	46.250
4) MA Heptachlor	4.802	3.862	199.8E6	84568639	45.477	47.484
5) MB Aldrin	5.145	4.141	189.0E6	81010590	44.090	45.901m
6) B beta-BHC	4.409	3.821	87354915	37611191	46.953	49.175m
7) B delta-BHC	4.654	4.050	178.4E6	77691607	42.392m	44.755m
8) B Heptachlo...	5.575	4.650	169.9E6	74685400	44.334m	46.860
9) A Endosulfan I	5.962	5.021	164.5E6	69498011	45.616	44.926
10) B gamma-Chl...	5.833	4.903	180.9E6	78001483	46.783	48.326
11) B alpha-Chl...	5.914	4.967	179.5E6	77598716	46.718	46.757
12) B 4,4'-DDE	6.095	5.166	152.0E6	66416585	47.558	49.376
13) MA Dieldrin	6.240	5.288	172.7E6	76782151	46.373	48.317
14) MA Endrin	6.470	5.564	148.8E6	70184177	47.374	49.496
15) B Endosulfa...	6.692	5.860	144.8E6	67011344	45.161	48.950m
16) A 4,4'-DDD	6.616	5.724	121.6E6	53752990	47.140	47.672
17) MA 4,4'-DDT	6.933	5.977	143.8E6	63578721	50.303	51.084
18) B Endrin al...	6.823	6.044	116.8E6	51891895	46.429	44.649
19) B Endosulfa...	7.060	6.267	143.4E6	62506694	46.882	47.618m
20) A Methoxychlor	7.418	6.562	75959032	36278184	46.785	49.286
21) B Endrin ke...	7.545	6.775	154.0E6	75660296	47.343m	49.352
22) Mirex	8.024	6.954	129.9E6	64161179	46.329	47.833m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012324\
Data File : PL087906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2024 14:27
Operator : AR\AJ
Sample : P1219-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

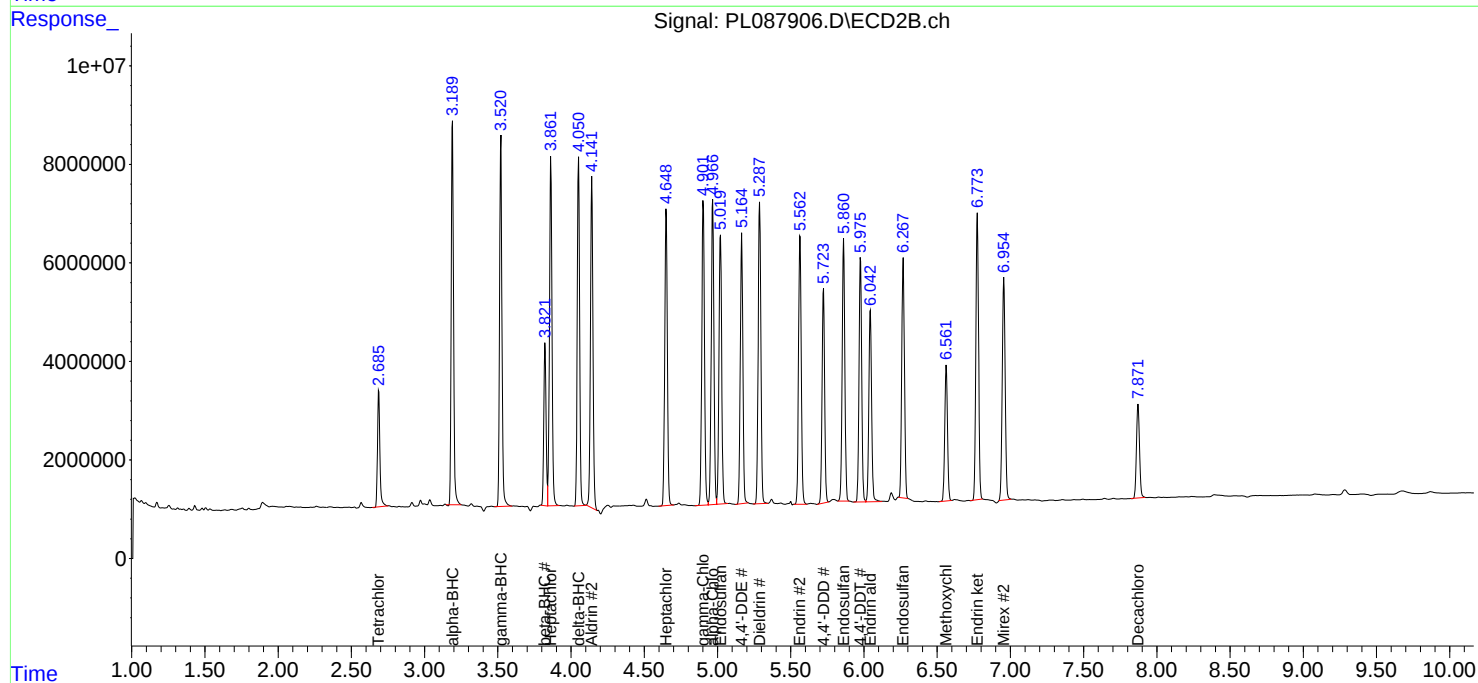
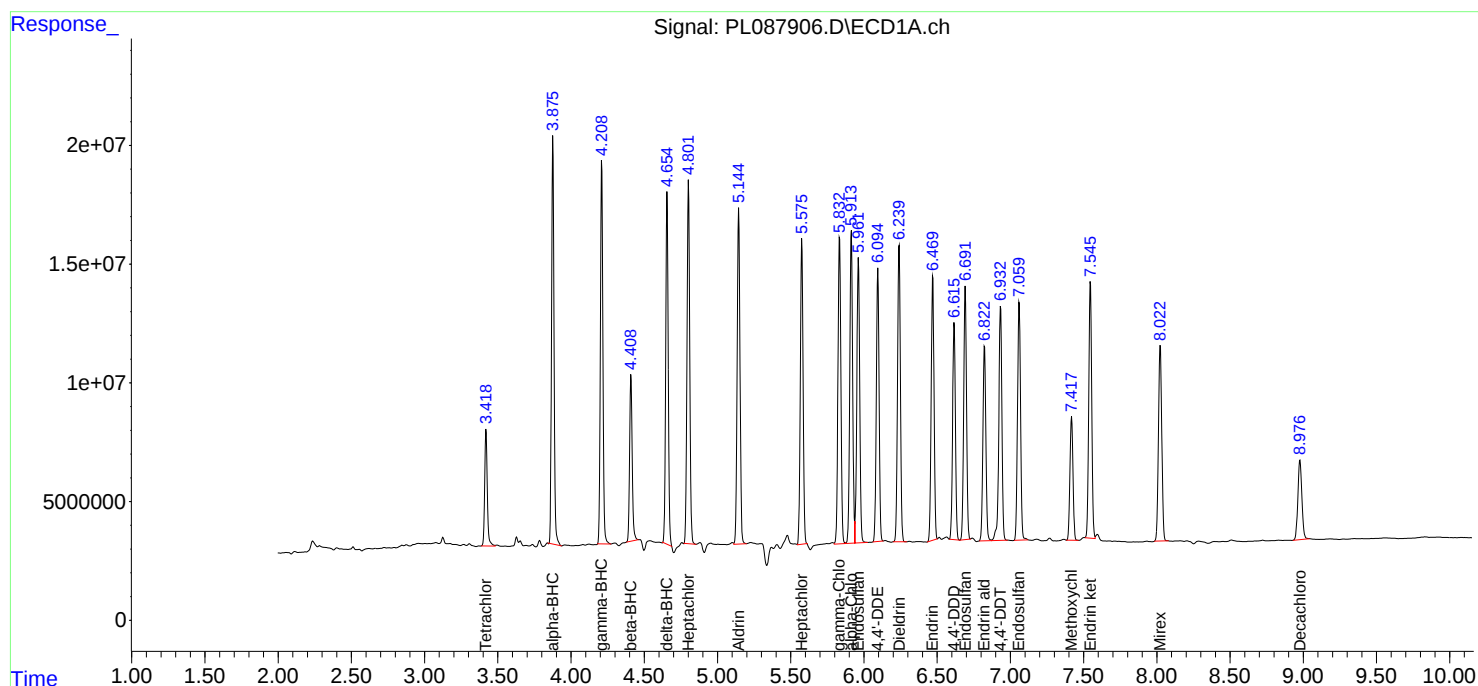
Instrument :
ECD_L
ClientSampleId :
222177MSD

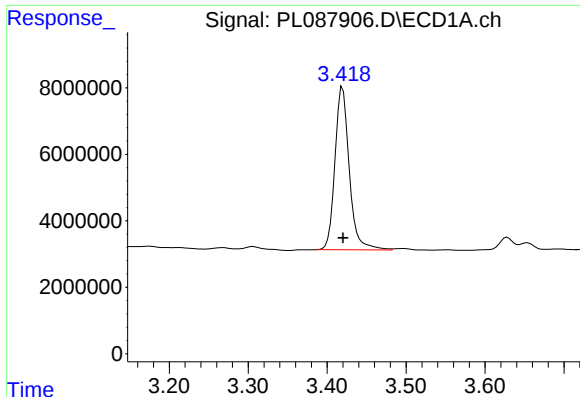
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 00:29:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
Response via : Initial Calibration
Integrator: ChemStation

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





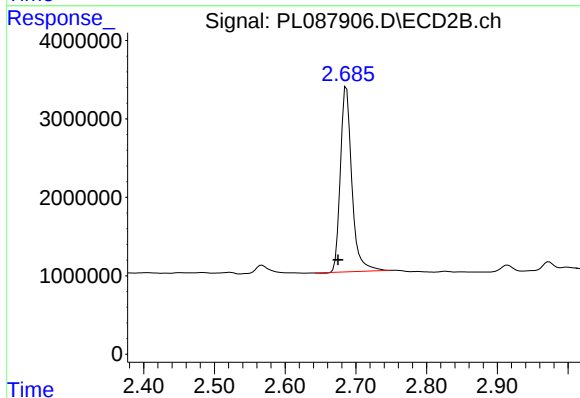
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 61796695
Conc: 20.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

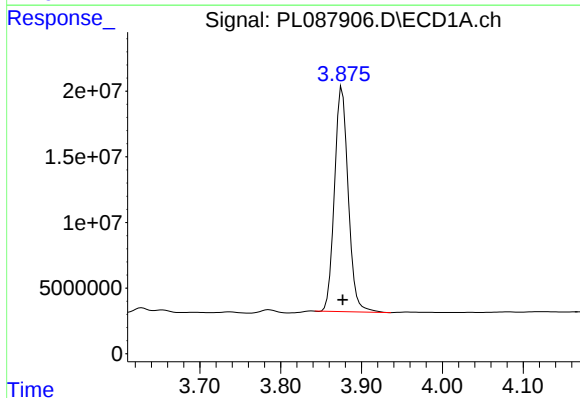
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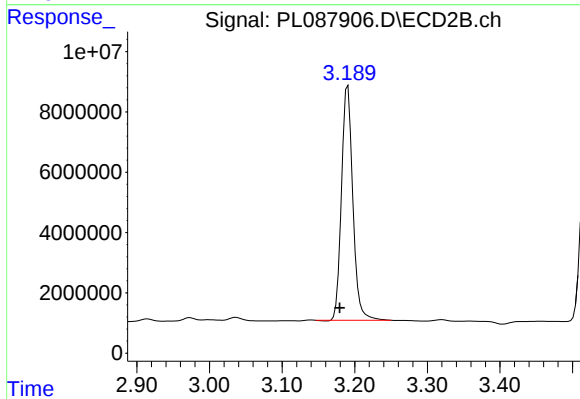
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.012 min
Response: 26611979
Conc: 21.97 ng/ml



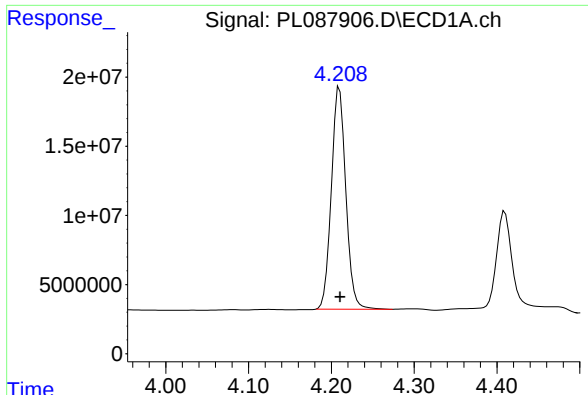
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 201952752
Conc: 45.01 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.011 min
Response: 84372135
Conc: 45.78 ng/ml



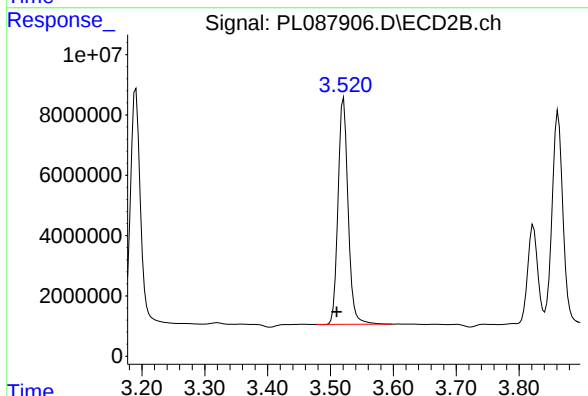
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 194999331
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

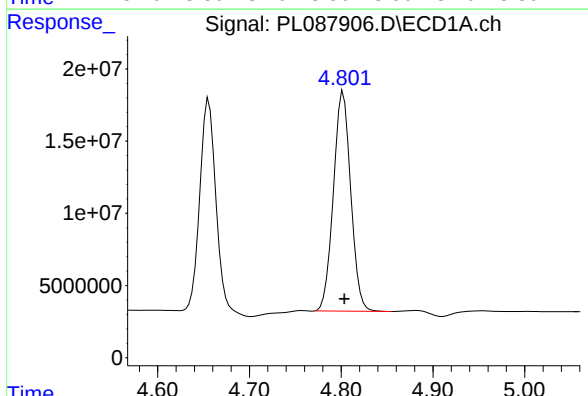
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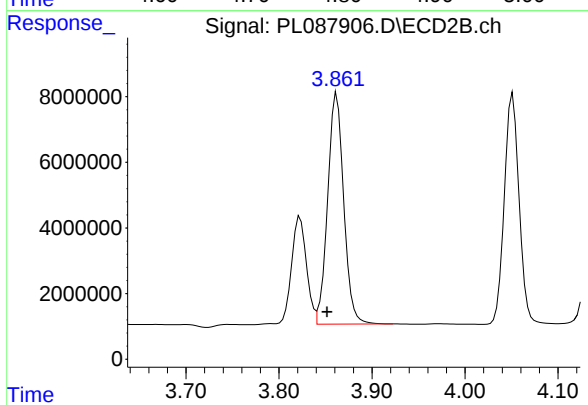
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: 0.011 min
Response: 84048423
Conc: 46.25 ng/ml



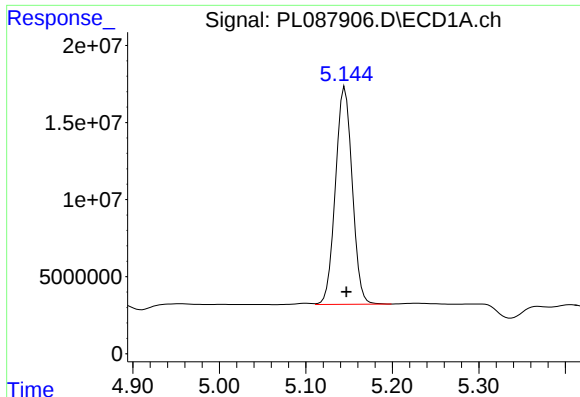
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 199832912
Conc: 45.48 ng/ml



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.010 min
Response: 84568639
Conc: 47.48 ng/ml



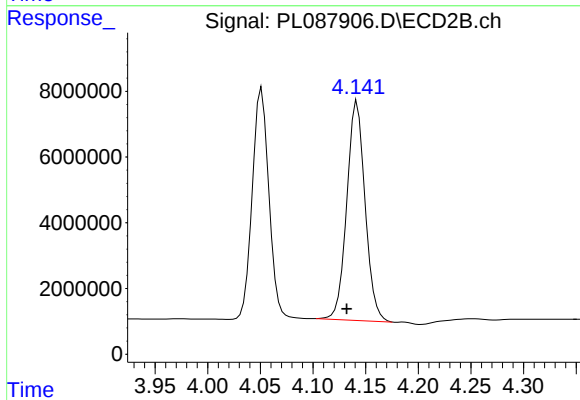
#5 Aldrin

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 188966146
Conc: 44.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

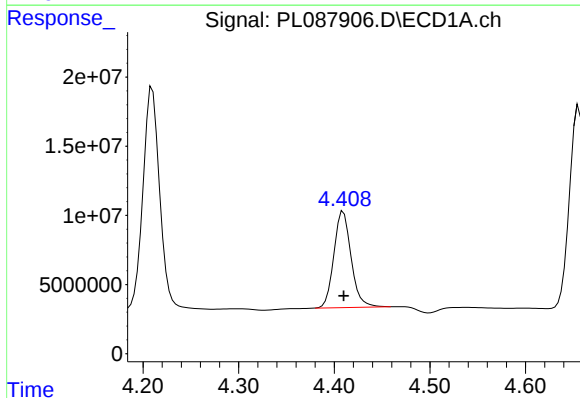
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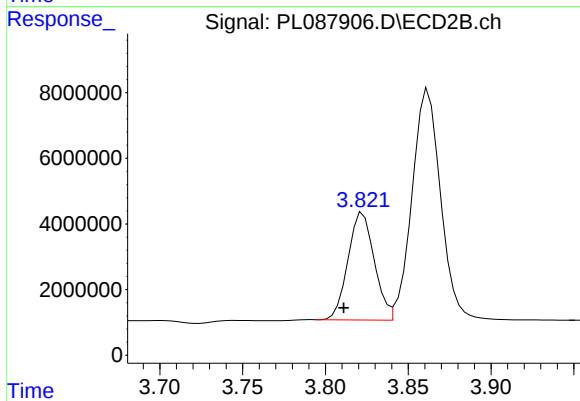
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.008 min
Response: 81010590
Conc: 45.90 ng/ml m



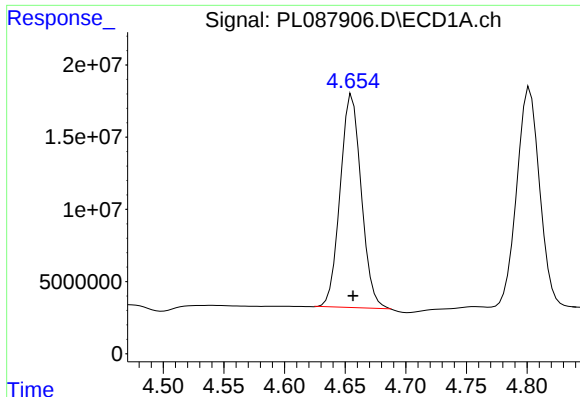
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 87354915
Conc: 46.95 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.010 min
Response: 37611191
Conc: 49.18 ng/ml m



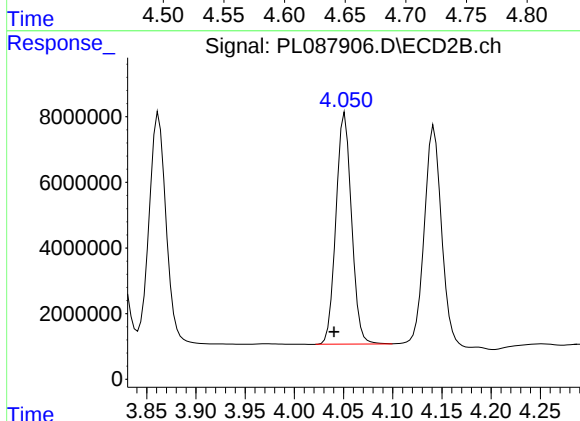
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 178382201
Conc: 42.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

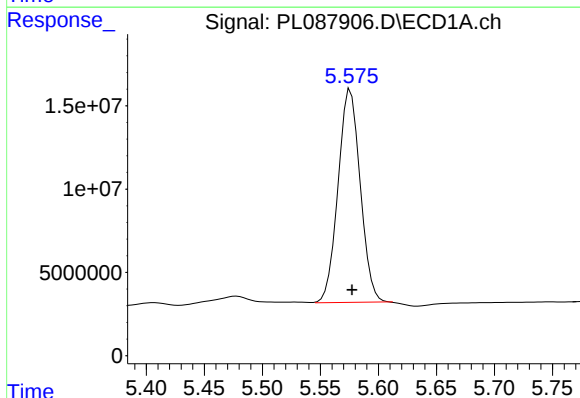
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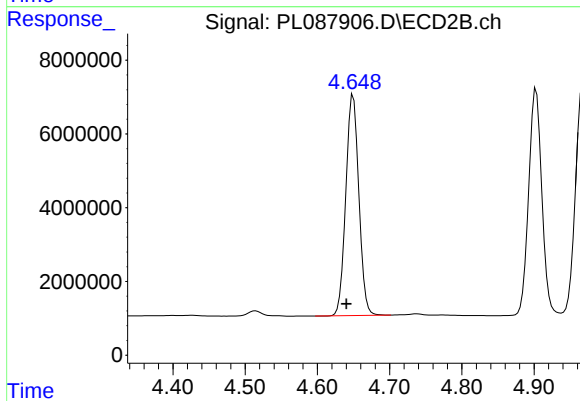
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: 0.009 min
Response: 77691607
Conc: 44.76 ng/ml m



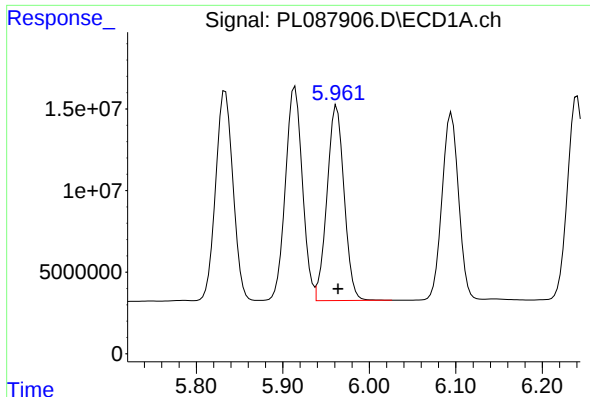
#8 Heptachlor epoxide

R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 169852423
Conc: 44.33 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: 0.010 min
Response: 74685400
Conc: 46.86 ng/ml



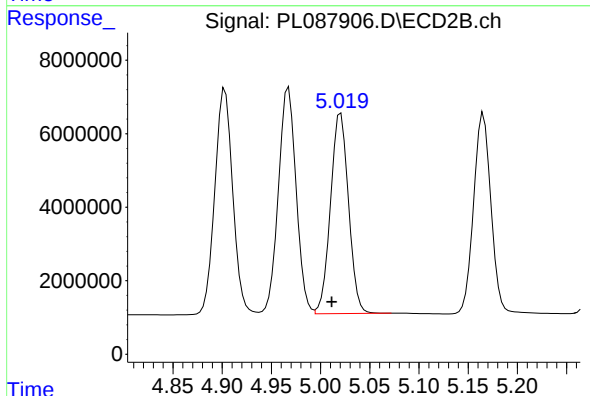
#9 Endosulfan I

R.T.: 5.962 min
Delta R.T.: -0.001 min
Response: 164491053
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

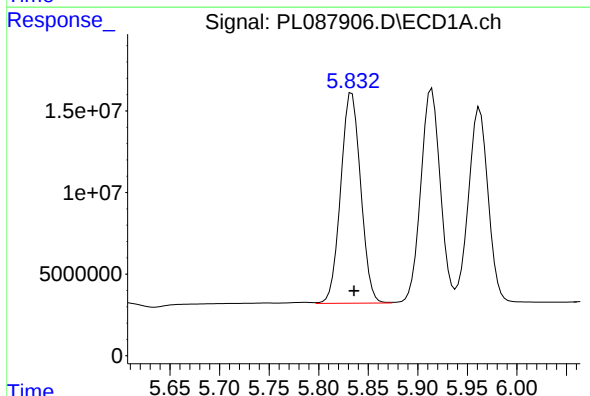
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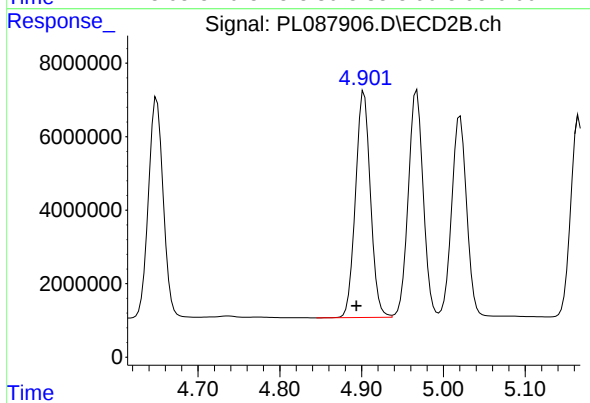
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: 0.009 min
Response: 69498011
Conc: 44.93 ng/ml



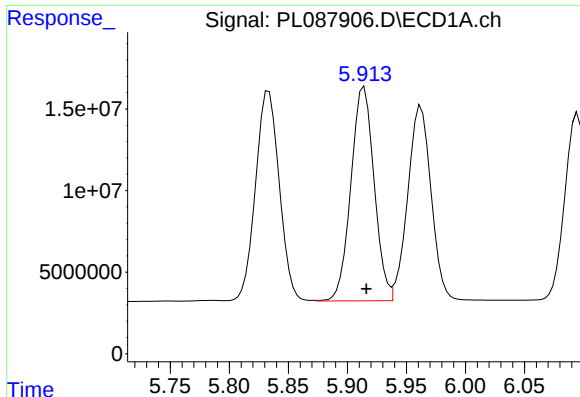
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 180850221
Conc: 46.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: 0.009 min
Response: 78001483
Conc: 48.33 ng/ml



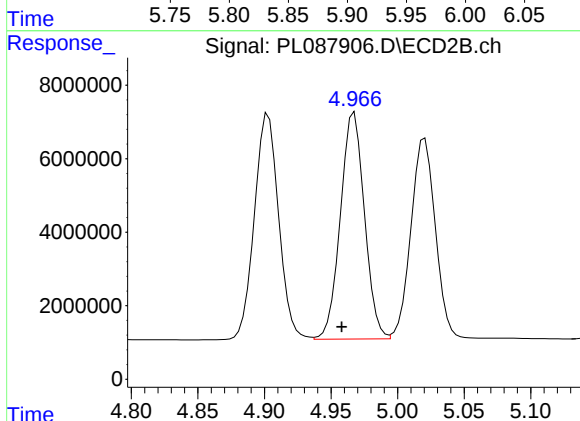
#11 alpha-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 179523144
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

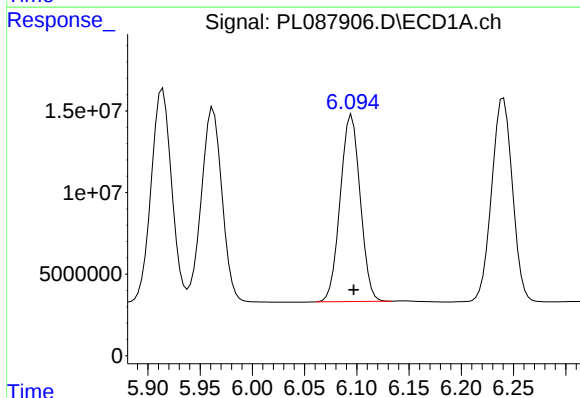
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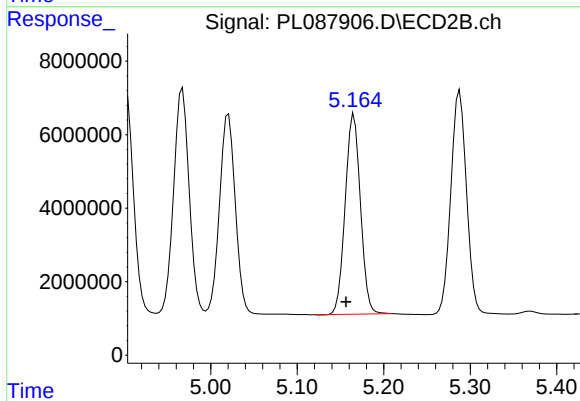
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.009 min
Response: 77598716
Conc: 46.76 ng/ml



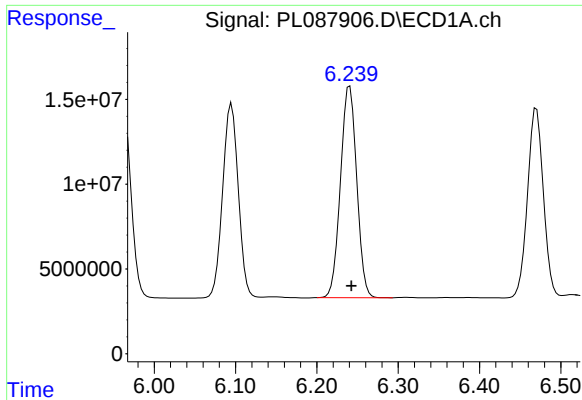
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 152049943
Conc: 47.56 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: 0.009 min
Response: 66416585
Conc: 49.38 ng/ml



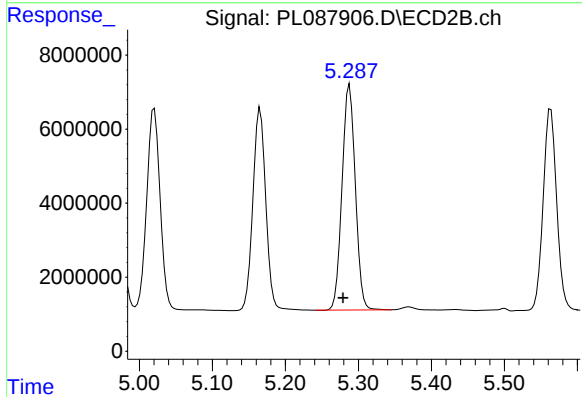
#13 Dieldrin

R.T.: 6.240 min
Delta R.T.: -0.002 min
Response: 172733299
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

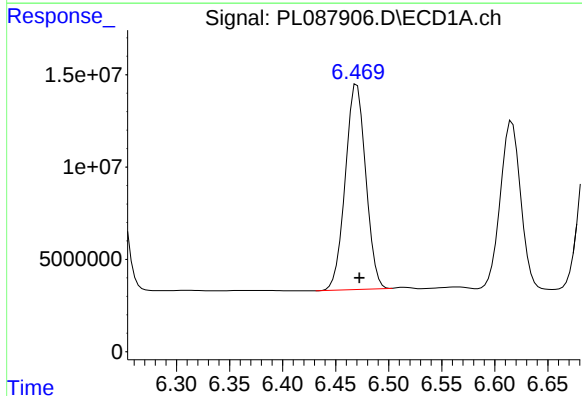
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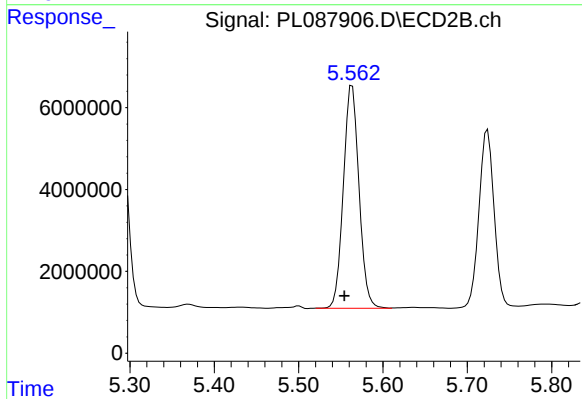
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: 0.009 min
Response: 76782151
Conc: 48.32 ng/ml



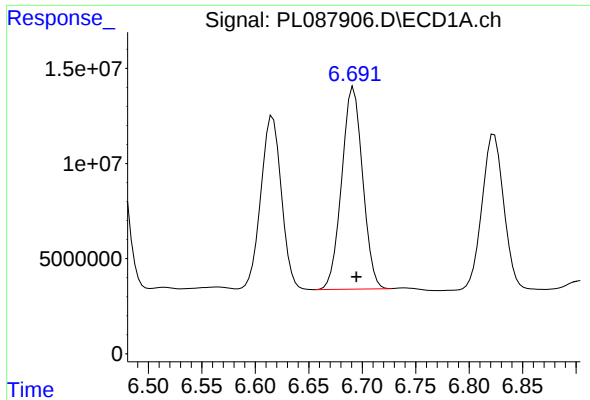
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 148798413
Conc: 47.37 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.009 min
Response: 70184177
Conc: 49.50 ng/ml



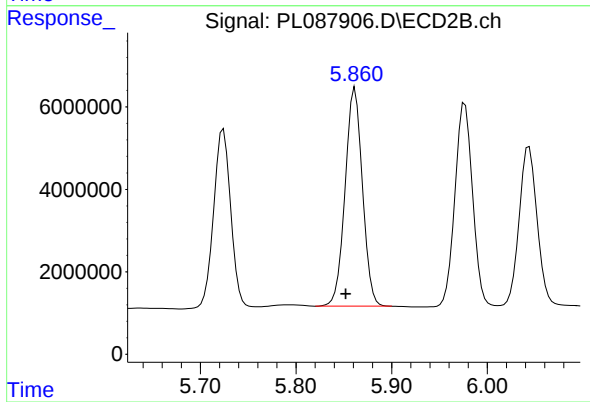
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 144830764
Conc: 45.16 ng/ml

Instrument :
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ClientSampleId :
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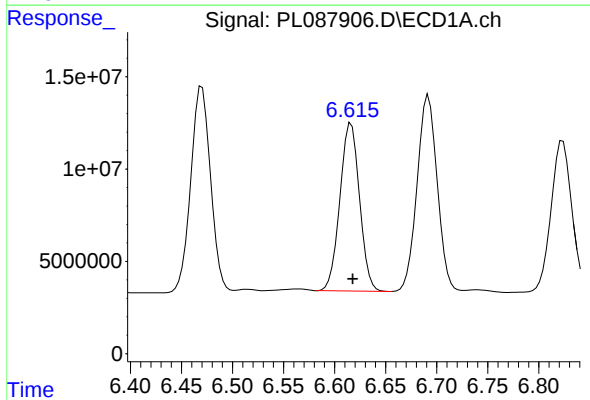
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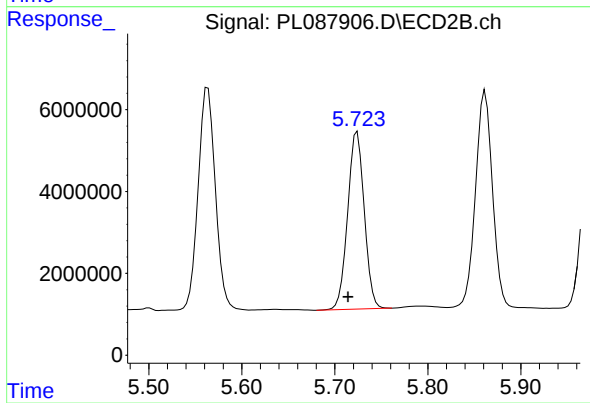
#15 Endosulfan II

R.T.: 5.860 min
Delta R.T.: 0.008 min
Response: 67011344
Conc: 48.95 ng/ml m



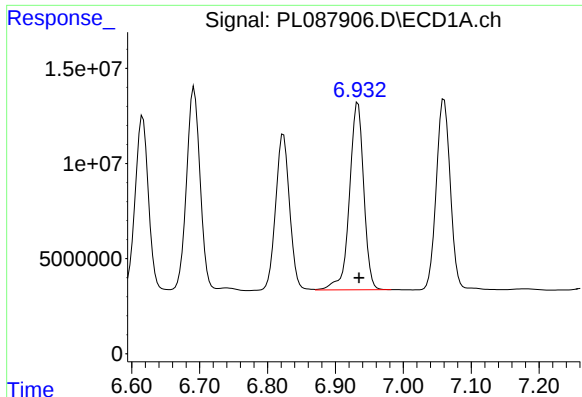
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 121552900
Conc: 47.14 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.010 min
Response: 53752990
Conc: 47.67 ng/ml



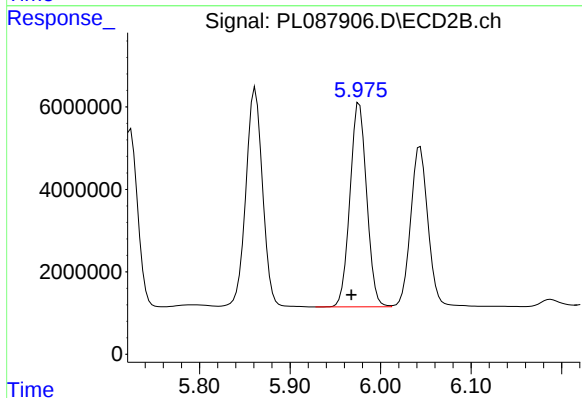
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 143844442
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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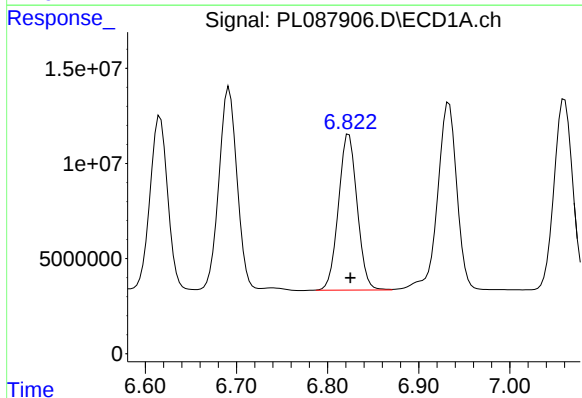
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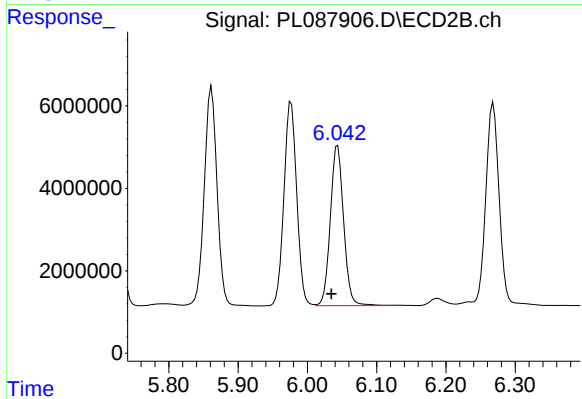
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.009 min
Response: 63578721
Conc: 51.08 ng/ml



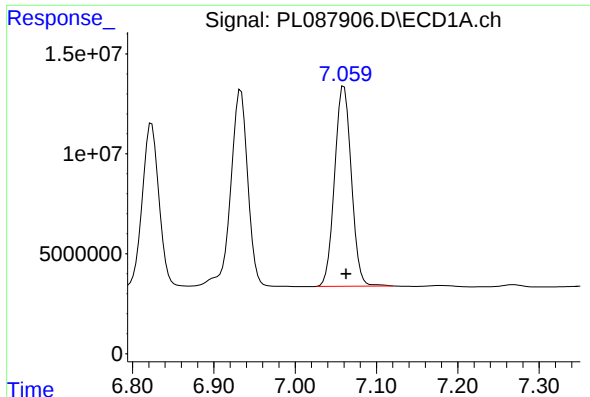
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 116783691
Conc: 46.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.009 min
Response: 51891895
Conc: 44.65 ng/ml



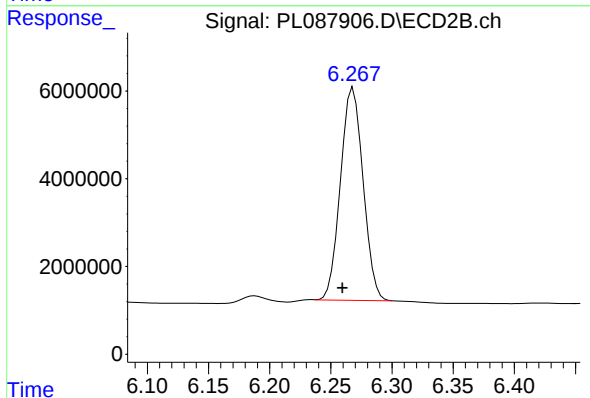
#19 Endosulfan Sulfate

R.T.: 7.060 min
Delta R.T.: -0.003 min
Response: 143388874
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

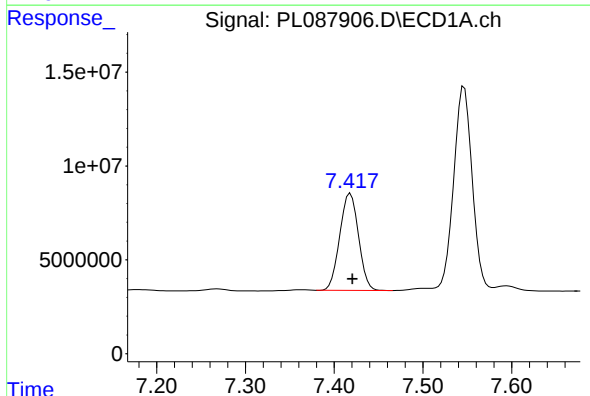
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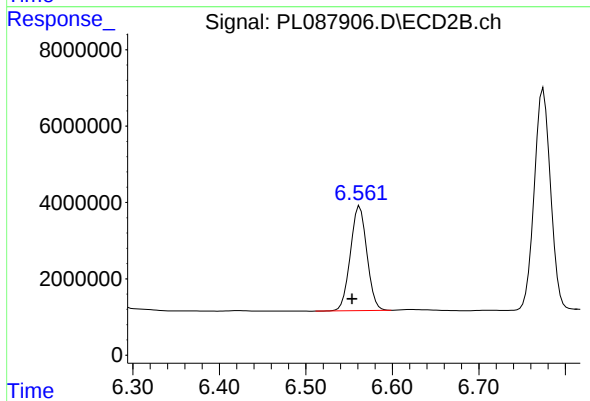
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: 0.007 min
Response: 62506694
Conc: 47.62 ng/ml m



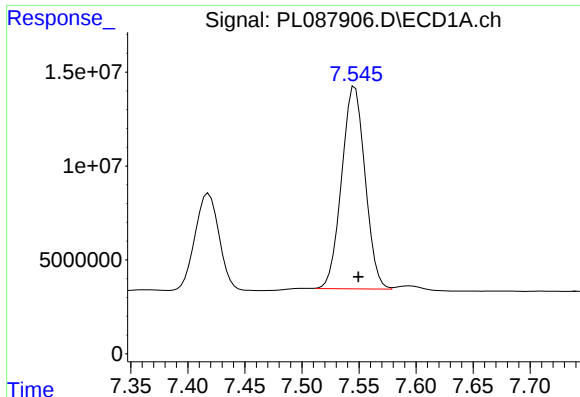
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 75959032
Conc: 46.78 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.009 min
Response: 36278184
Conc: 49.29 ng/ml



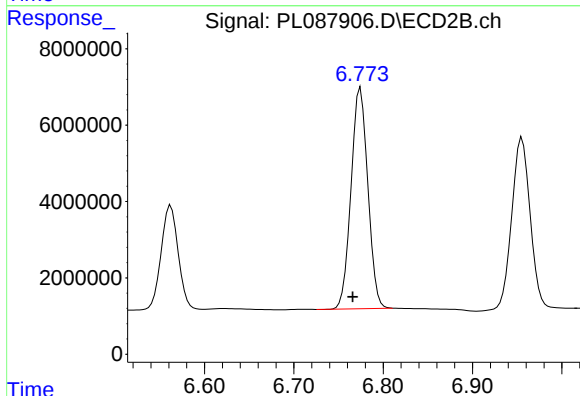
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 153987973
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

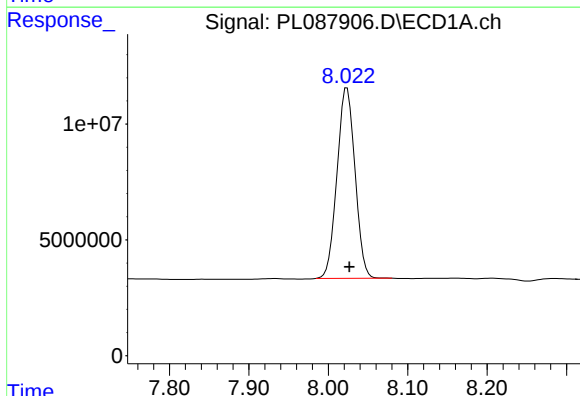
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2024
Supervised By :Ankita Jodhani 01/24/2024



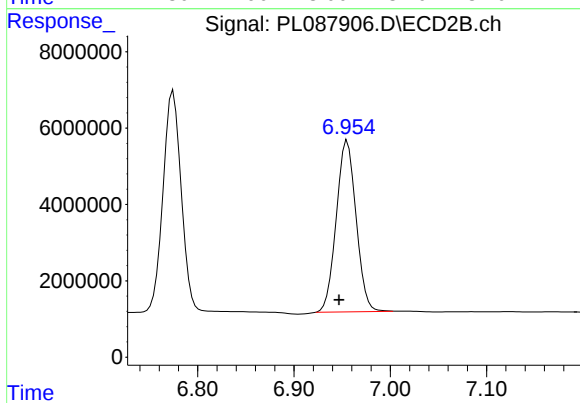
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: 0.009 min
Response: 75660296
Conc: 49.35 ng/ml



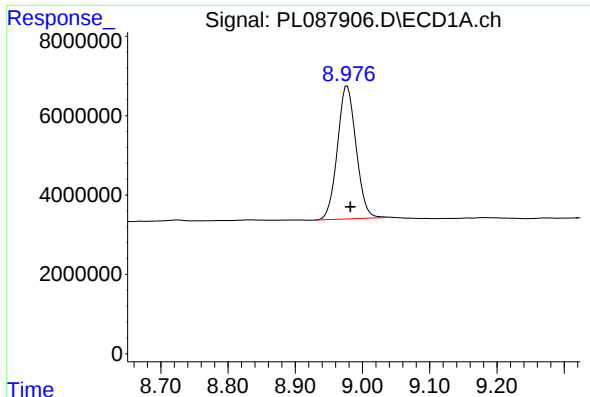
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.003 min
Response: 129899210
Conc: 46.33 ng/ml



#22 Mirex

R.T.: 6.954 min
Delta R.T.: 0.007 min
Response: 64161179
Conc: 47.83 ng/ml m



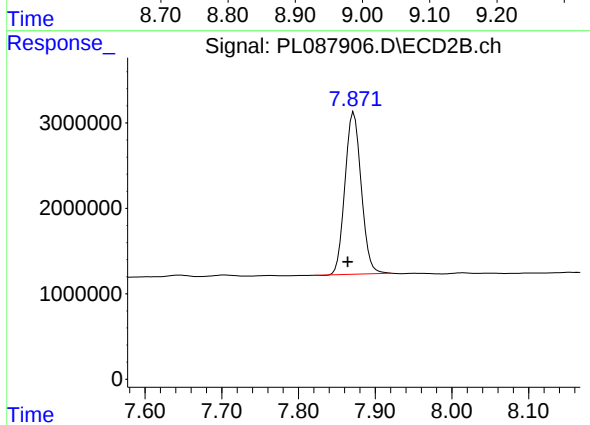
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.005 min
Response: 64335651
Conc: 22.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
222177MSD

Manual Integrations
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Supervised By :Ankita Jodhani 01/24/2024



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.008 min
Response: 28130921
Conc: 22.21 ng/ml