

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
 Data File : PL094049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 14:11
 Operator : AR\AJ
 Sample : Q1280-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11984MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:40:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.773	41539814	64282941	15.426m	19.694m#
28) SA Decachlor...	9.054	7.907	39129930	82084888	18.705m	23.426m#
Target Compounds						
2) A alpha-BHC	3.993	3.276	157.7E6	190.0E6	41.147m	38.868m
3) MA gamma-BHC...	4.325	3.605	207.2E6	186.3E6	56.260m	39.294m#
4) MA Heptachlor	4.915	3.945	143.8E6	201.3E6	43.870	43.236
5) MB Aldrin	5.256	4.225	145.9E6	199.4E6	44.577m	43.701
6) B beta-BHC	4.526	3.905	47138098	88019502	29.327m	44.066m#
7) B delta-BHC	4.773	4.134	151.8E6	208.9E6	43.293	43.972m
8) B Heptachlo...	5.684	4.727	124.1E6	190.9E6	41.727	45.678
9) A Endosulfan I	6.069	5.097	118.9E6	103.4E6	45.007	26.678m#
10) B gamma-Chl...	5.940	4.976	164.5E6	227.8E6	59.033	53.753m
11) B alpha-Chl...	6.018	5.041	157.7E6	230.7E6	56.551m	55.106
12) B 4,4'-DDE	6.191	5.228	78990086	183.0E6	32.445m	45.648m#
13) MA Dieldrin	6.344	5.360	118.1E6	191.2E6	42.551	44.518m
14) MA Endrin	6.573	5.635	94898165	179.0E6	40.471m	48.470m
15) B Endosulfa...	6.795	5.932	108.5E6	182.3E6	45.033	49.213
16) A 4,4'-DDD	6.709	5.784	102.3E6	127.5E6	53.813m	40.381
17) MA 4,4'-DDT	7.024	6.034	91470030	148.0E6	46.383	45.493
18) B Endrin al...	6.923	6.109	82169053	129.8E6	42.267m	42.638m
19) B Endosulfa...	7.159	6.334	100.0E6	159.0E6	44.184	44.583
20) A Methoxychlor	7.501	6.610	44876096	75382296	43.010	42.157
21) B Endrin ke...	7.644	6.837	183.5E6	167.5E6	72.750m	39.937m#
22) Mirex	8.117	7.017	83212277	122.7E6	39.958	36.291m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
Data File : PL094049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 14:11
Operator : AR\AJ
Sample : Q1280-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

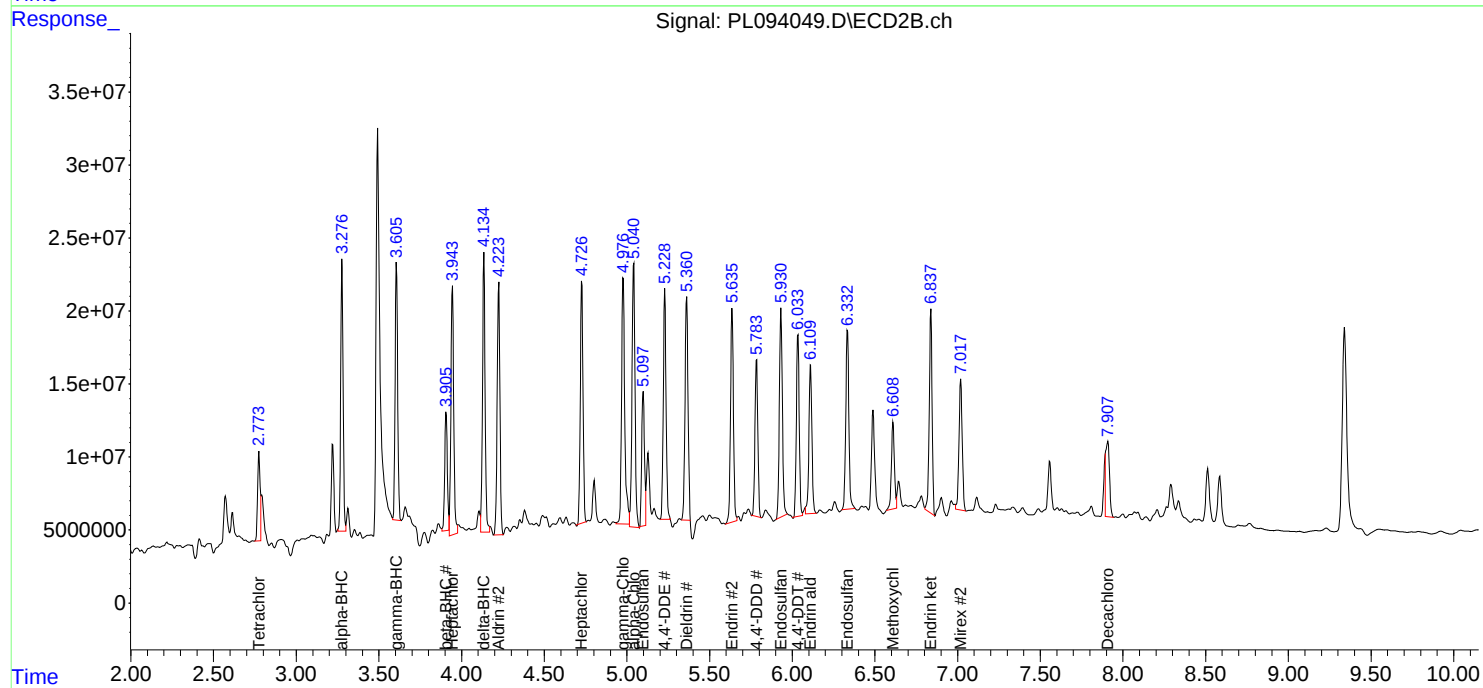
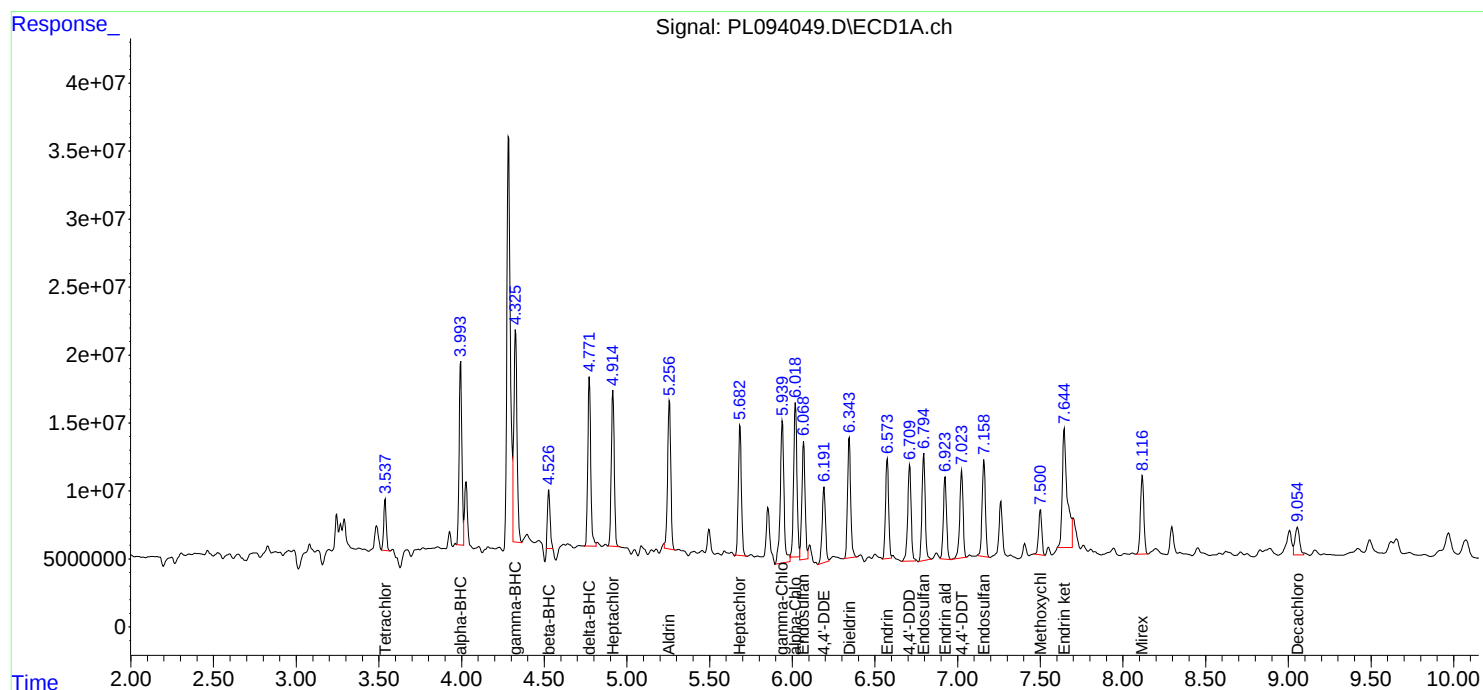
Instrument :
ECD_L
ClientSampleId :
72-11984MSD

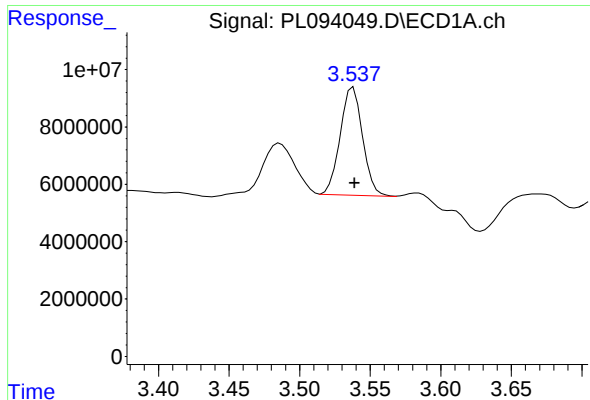
Manual Integrations
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Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 01:40:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





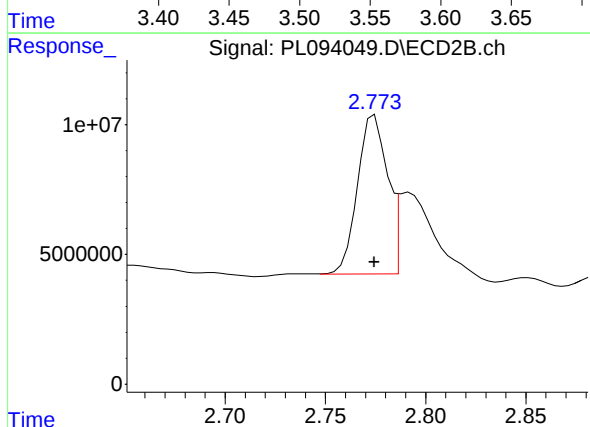
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 41539814
Conc: 15.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

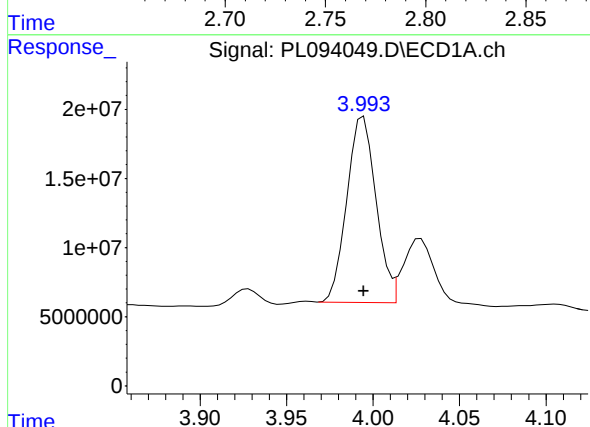
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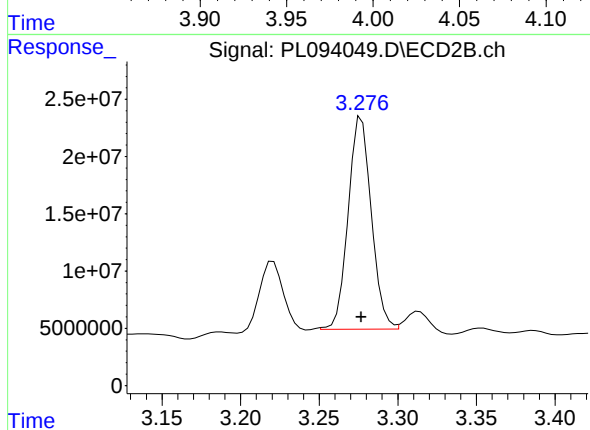
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 64282941
Conc: 19.69 ng/ml



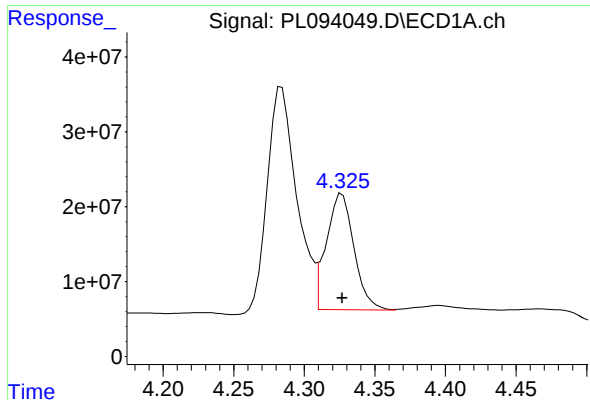
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 157749651
Conc: 41.15 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 190023240
Conc: 38.87 ng/ml



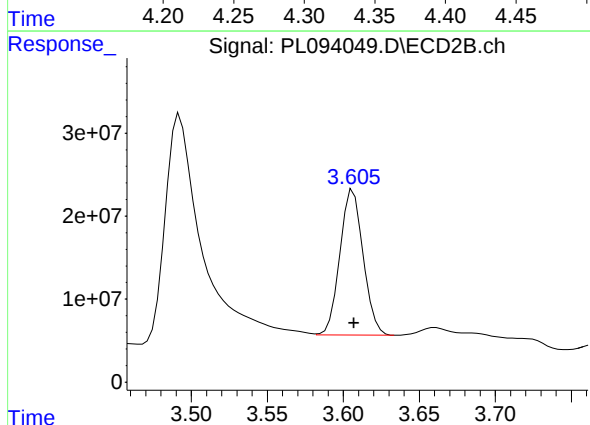
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 207195472
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

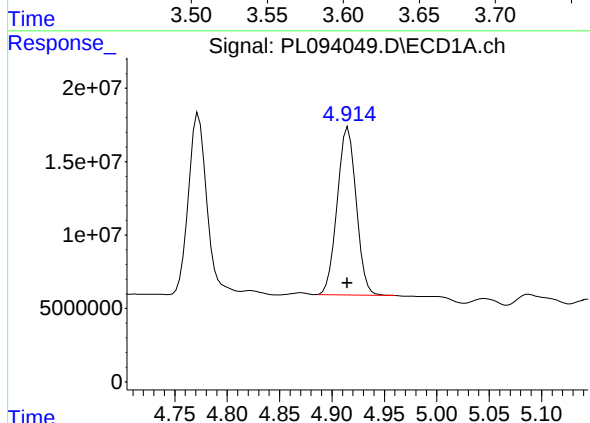
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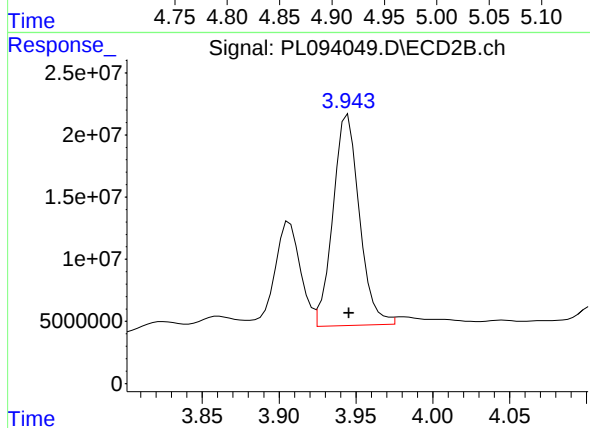
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 186302346
Conc: 39.29 ng/ml m



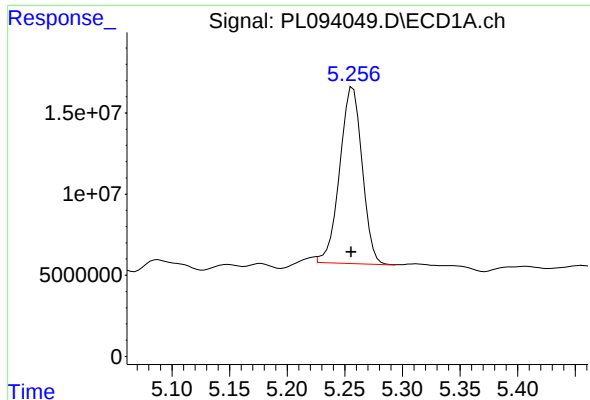
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 143777657
Conc: 43.87 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 201254134
Conc: 43.24 ng/ml



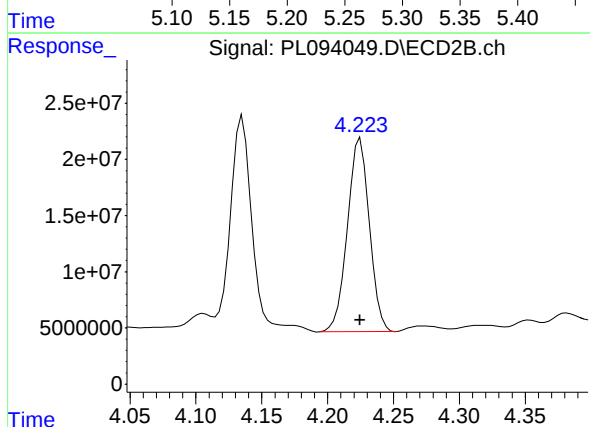
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 145853441
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

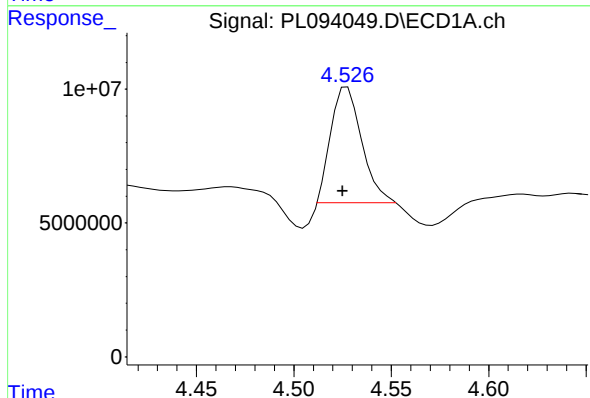
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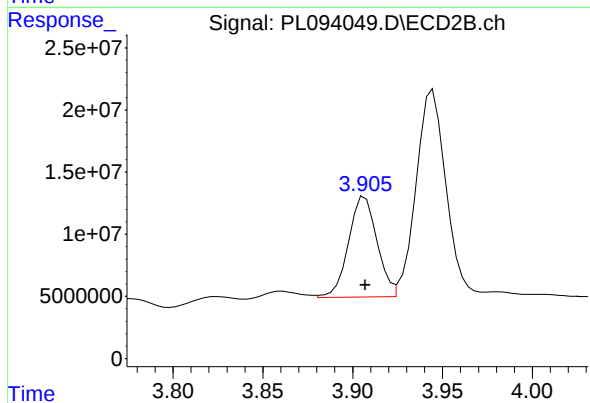
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 199355423
Conc: 43.70 ng/ml



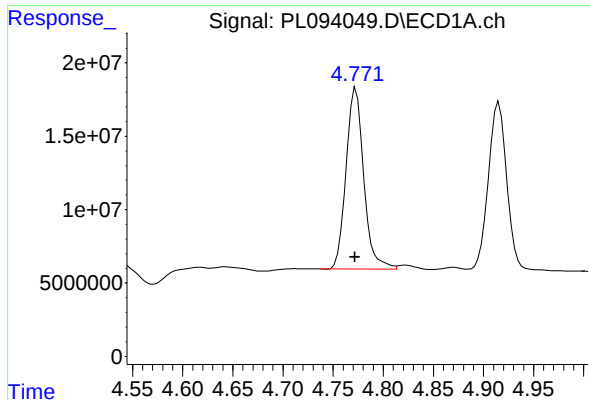
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 47138098
Conc: 29.33 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 88019502
Conc: 44.07 ng/ml m



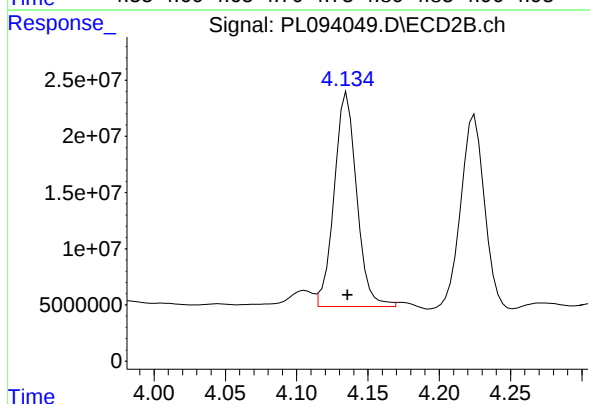
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 151755820
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

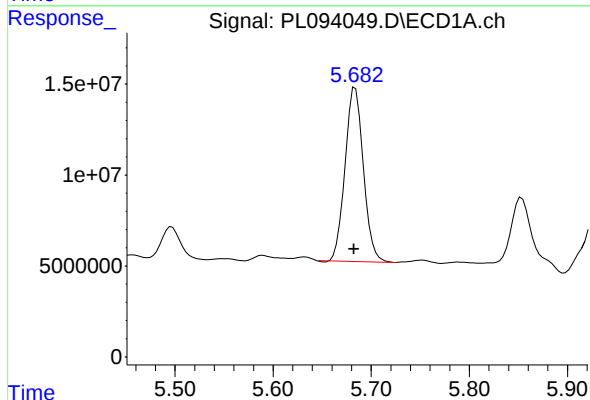
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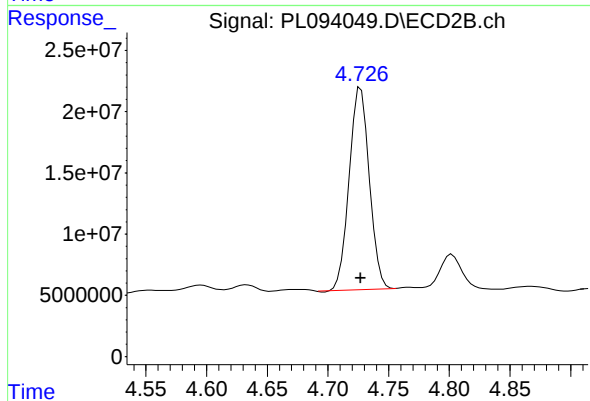
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 208923207
Conc: 43.97 ng/ml



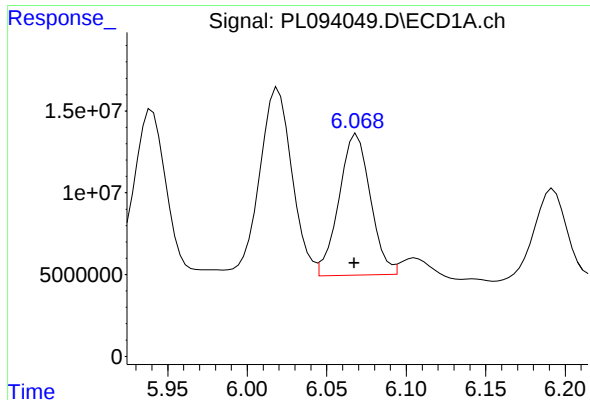
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 124089825
Conc: 41.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 190944352
Conc: 45.68 ng/ml



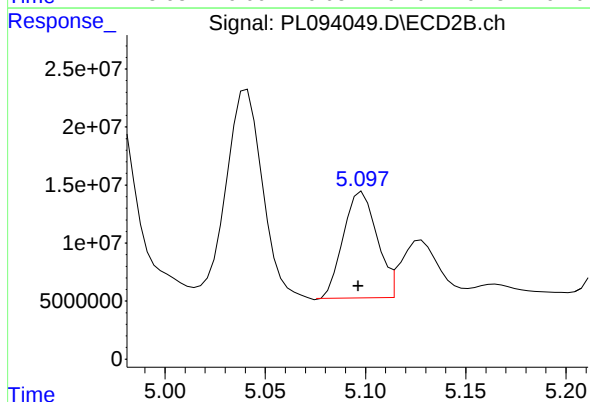
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 118945802
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

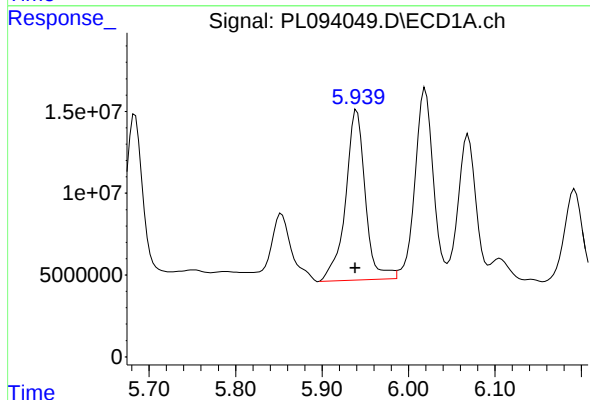
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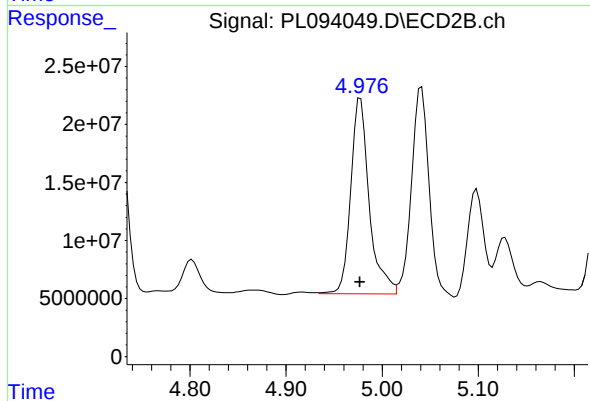
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 103427701
Conc: 26.68 ng/ml m



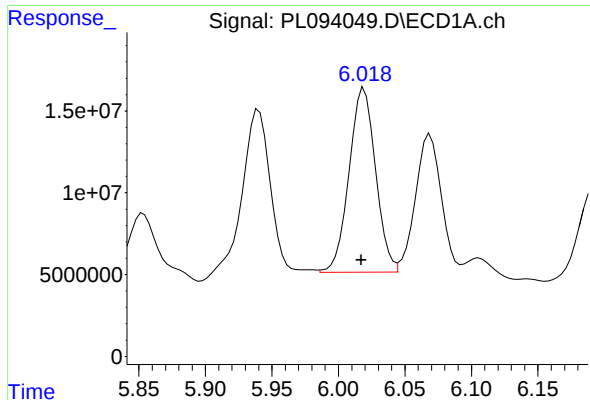
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 164546713
Conc: 59.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 227783657
Conc: 53.75 ng/ml m



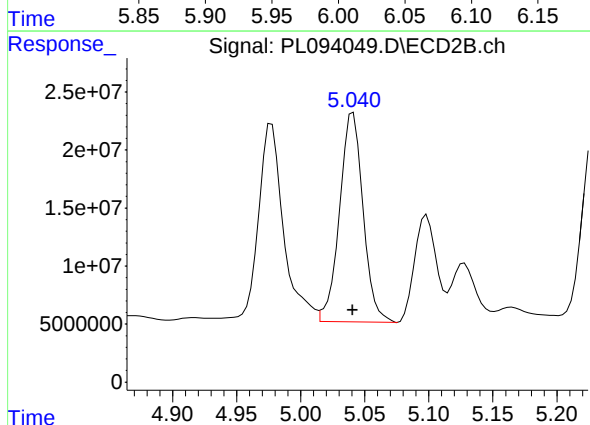
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 157686051
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

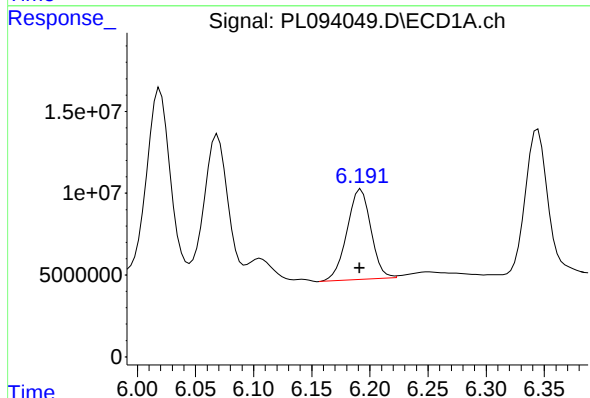
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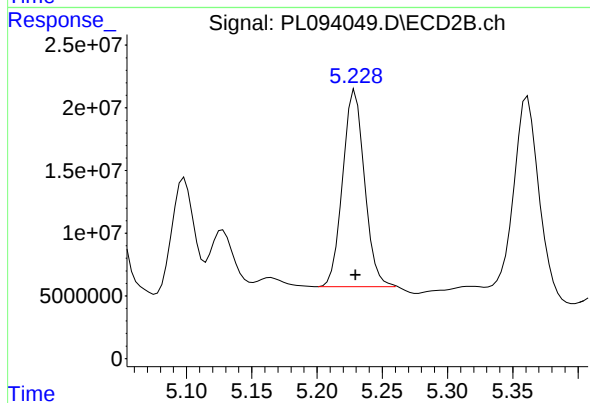
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 230706531
Conc: 55.11 ng/ml



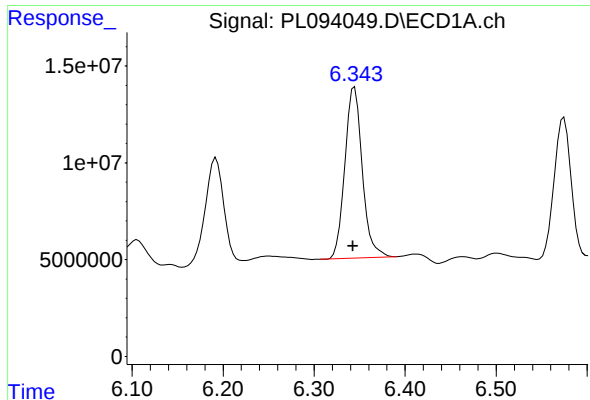
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 78990086
Conc: 32.44 ng/ml m



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 183023562
Conc: 45.65 ng/ml m



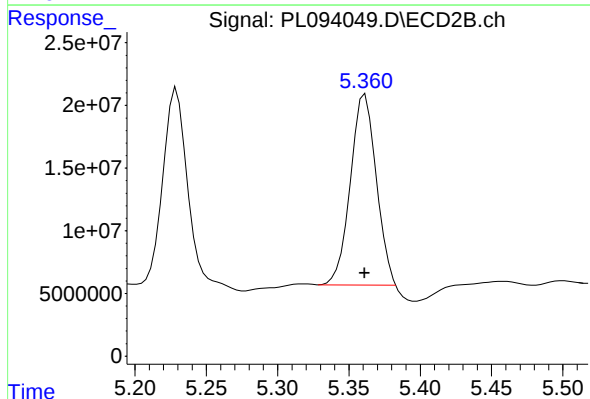
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 118116554
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

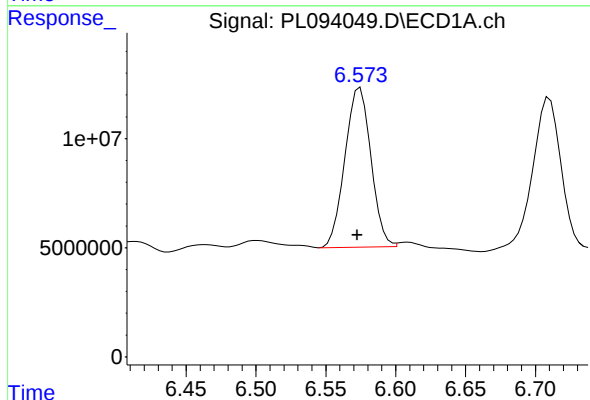
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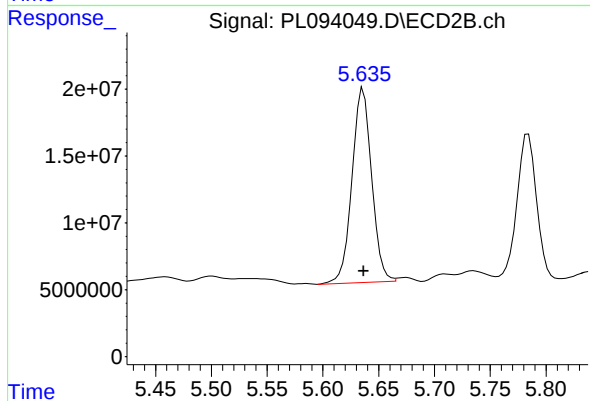
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 191232801
Conc: 44.52 ng/ml



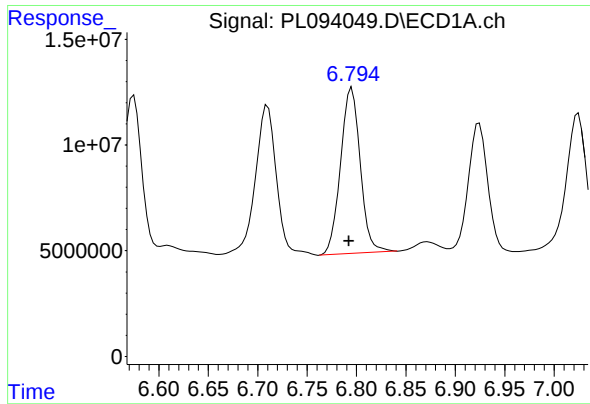
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 94898165
Conc: 40.47 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 178984338
Conc: 48.47 ng/ml



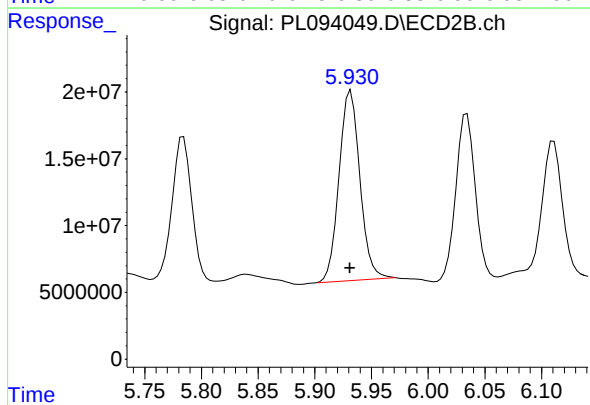
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 108501099
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

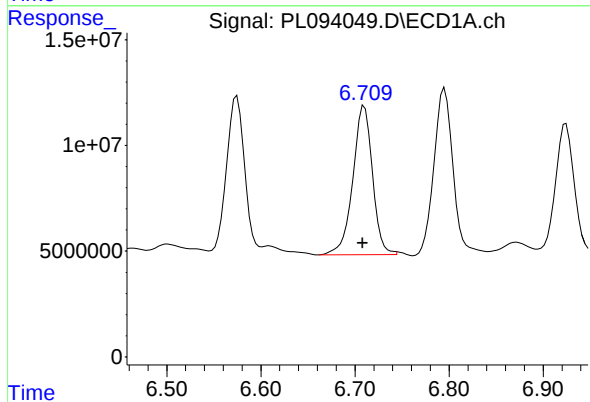
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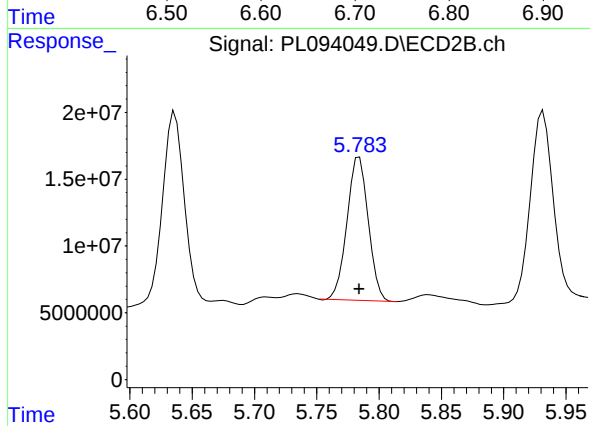
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 182277958
Conc: 49.21 ng/ml



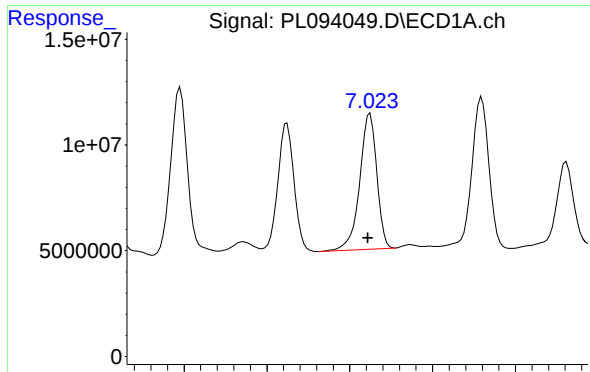
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 102273991
Conc: 53.81 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 127465448
Conc: 40.38 ng/ml



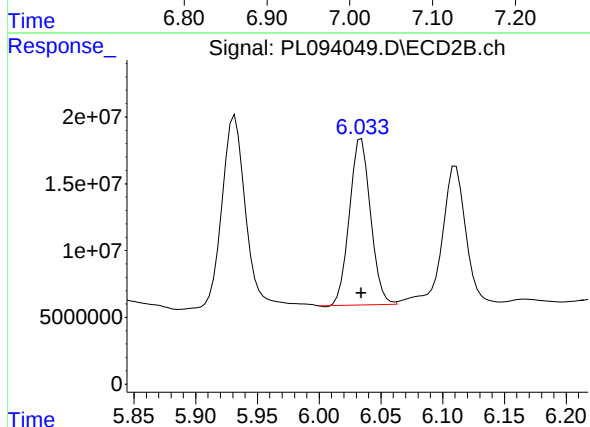
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 91470030
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

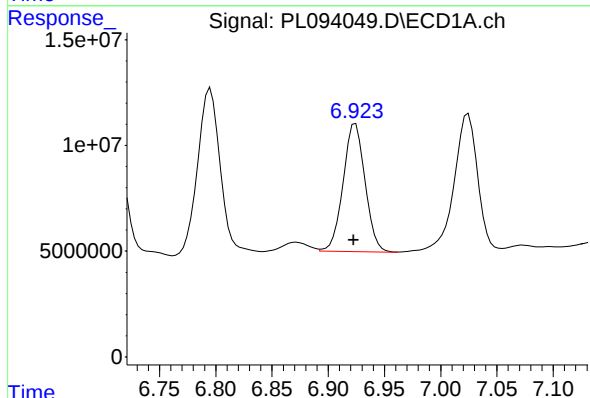
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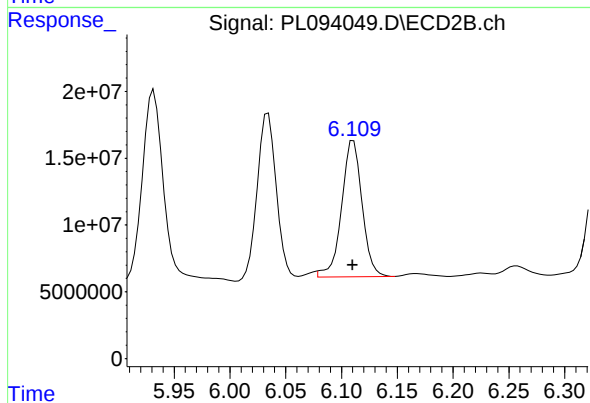
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 148035726
Conc: 45.49 ng/ml



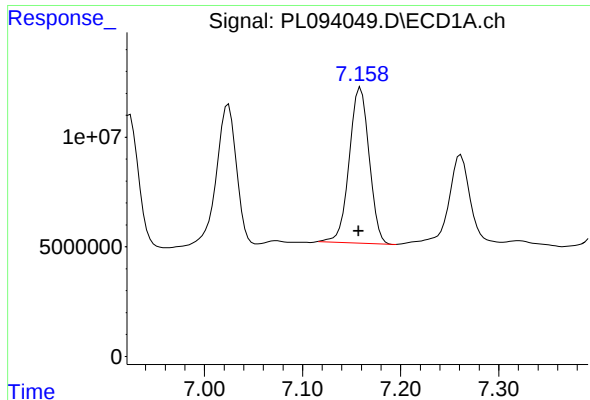
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 82169053
Conc: 42.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 129817154
Conc: 42.64 ng/ml m



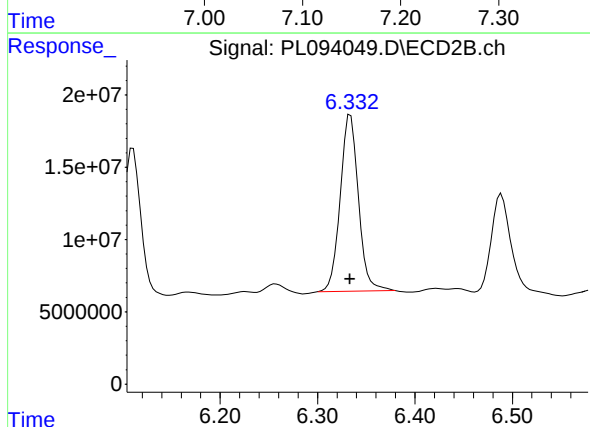
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 100021214
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

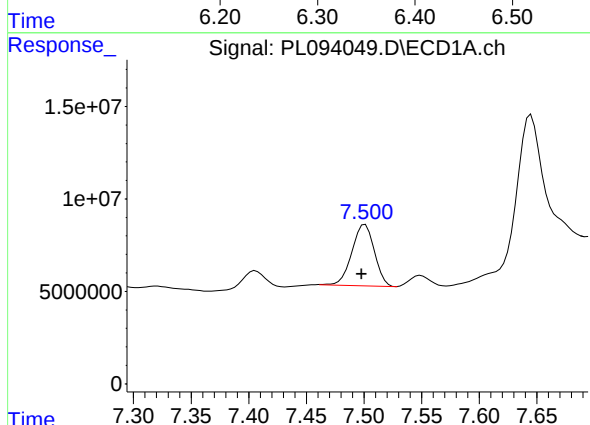
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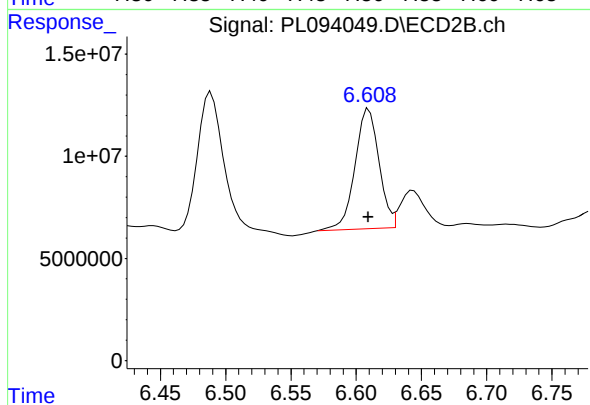
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 158984898
Conc: 44.58 ng/ml



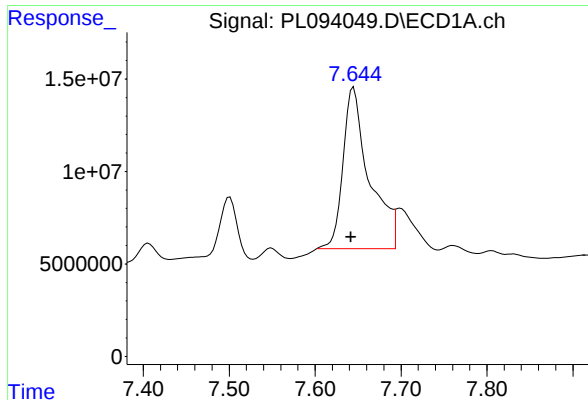
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 44876096
Conc: 43.01 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 75382296
Conc: 42.16 ng/ml



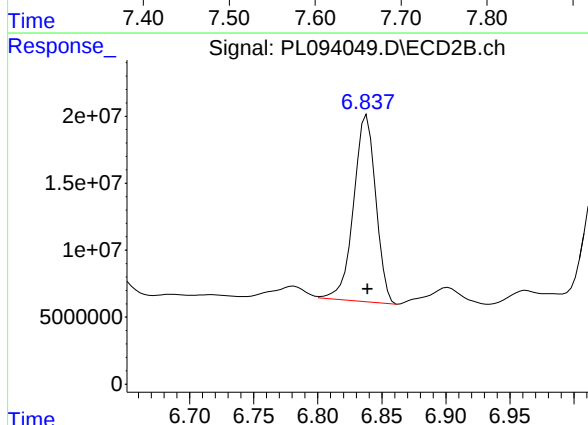
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 183520951
Conc: 72.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

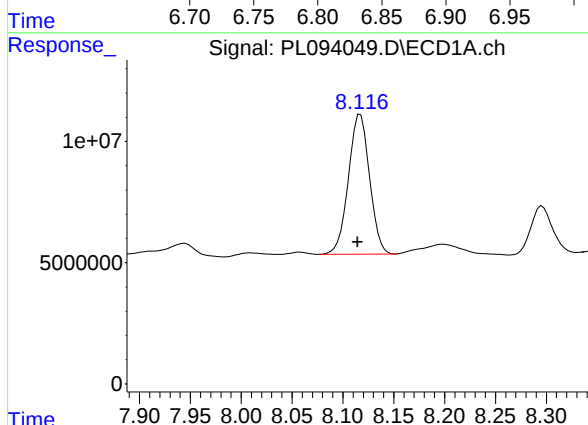
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



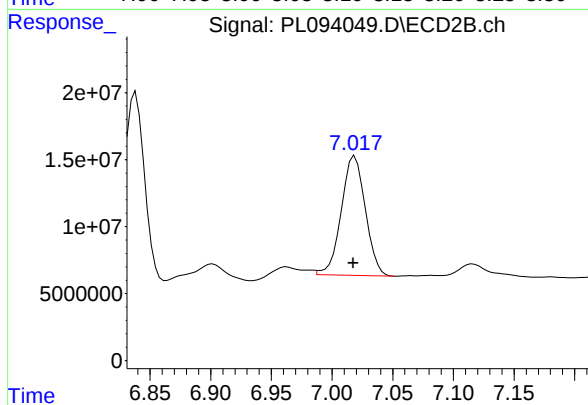
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 167544224
Conc: 39.94 ng/ml m



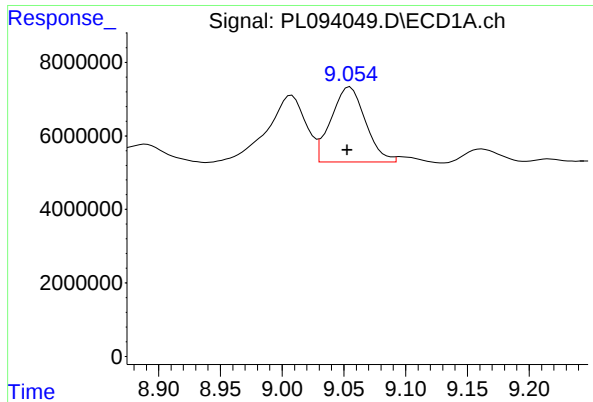
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 83212277
Conc: 39.96 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 122732509
Conc: 36.29 ng/ml m



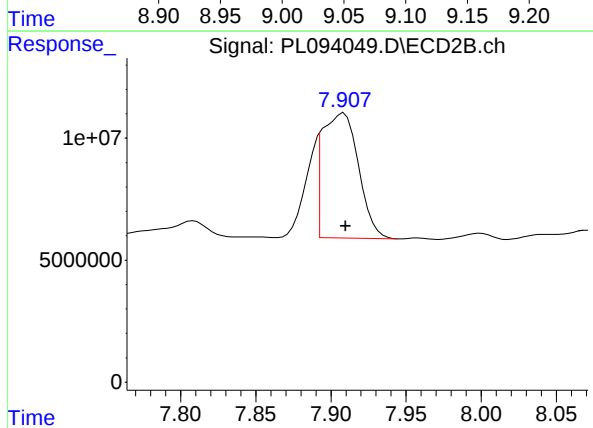
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 39129930
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.002 min
Response: 82084888
Conc: 23.43 ng/ml m