

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
 Data File : PL090998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Aug 2024 14:22
 Operator : AR\AJ
 Sample : P3548-09MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 289MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 13 01:29:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 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...	3.545	2.786	46174173	39450692	23.847	22.820
28)	SA Decachlor...	9.057	7.927	31379846	33473558	21.841	20.054
Target Compounds							
2)	A alpha-BHC	4.001	3.289	155.5E6	148.5E6	56.296	60.298
3)	MA gamma-BHC...	4.332	3.620	148.7E6	143.0E6	56.529	61.096
4)	MA Heptachlor	4.920	3.960	139.1E6	137.6E6	56.232m	59.342
5)	MB Aldrin	5.262	4.238	133.9E6	130.1E6	55.688	58.684m
6)	B beta-BHC	4.527	3.918	70467220	61867825	55.976m	58.166
7)	B delta-BHC	4.774	4.148	145.0E6	136.2E6	57.907m	60.928
8)	B Heptachlo...	5.689	4.742	130.4E6	118.9E6	57.371	58.319
9)	A Endosulfan I	6.072	5.112	115.4E6	106.3E6	55.076m	55.057
10)	B gamma-Chl...	5.943	4.993	126.6E6	125.6E6	56.012m	58.797
11)	B alpha-Chl...	6.022	5.056	125.3E6	123.5E6	55.967m	57.863
12)	B 4,4'-DDE	6.196	5.245	107.0E6	113.2E6	53.984	60.357
13)	MA Dieldrin	6.349	5.376	123.3E6	122.8E6	56.212	59.454
14)	MA Endrin	6.577	5.650	107.1E6	107.3E6	58.459m	58.740m
15)	B Endosulfa...	6.798	5.946	108.5E6	104.6E6	54.093	57.575
16)	A 4,4'-DDD	6.713	5.799	95903125	89960383	58.174	57.975
17)	MA 4,4'-DDT	7.025	6.049	102.4E6	99400456	57.415m	59.942m
18)	B Endrin al...	6.927	6.125	85050463	80470148	56.473	56.837
19)	B Endosulfa...	7.161	6.347	101.7E6	108.3E6	56.679	62.048
20)	A Methoxychlor	7.502	6.623	54977539	53877132	57.614	58.370m
21)	B Endrin ke...	7.645	6.853	115.5E6	111.4E6	58.275	56.216
22)	Mirex	8.119	7.035	88828913	90160696	57.144	53.689

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081224\
Data File : PL090998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Aug 2024 14:22
Operator : AR\AJ
Sample : P3548-09MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

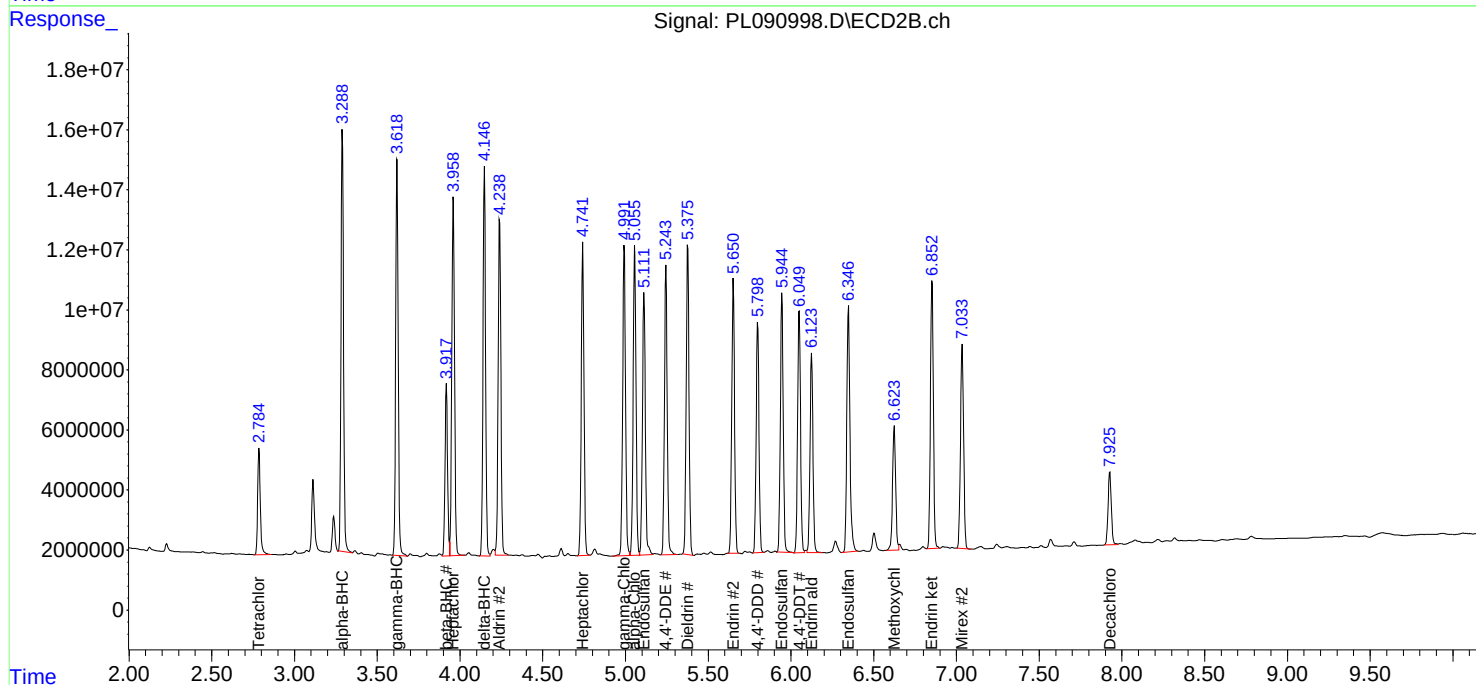
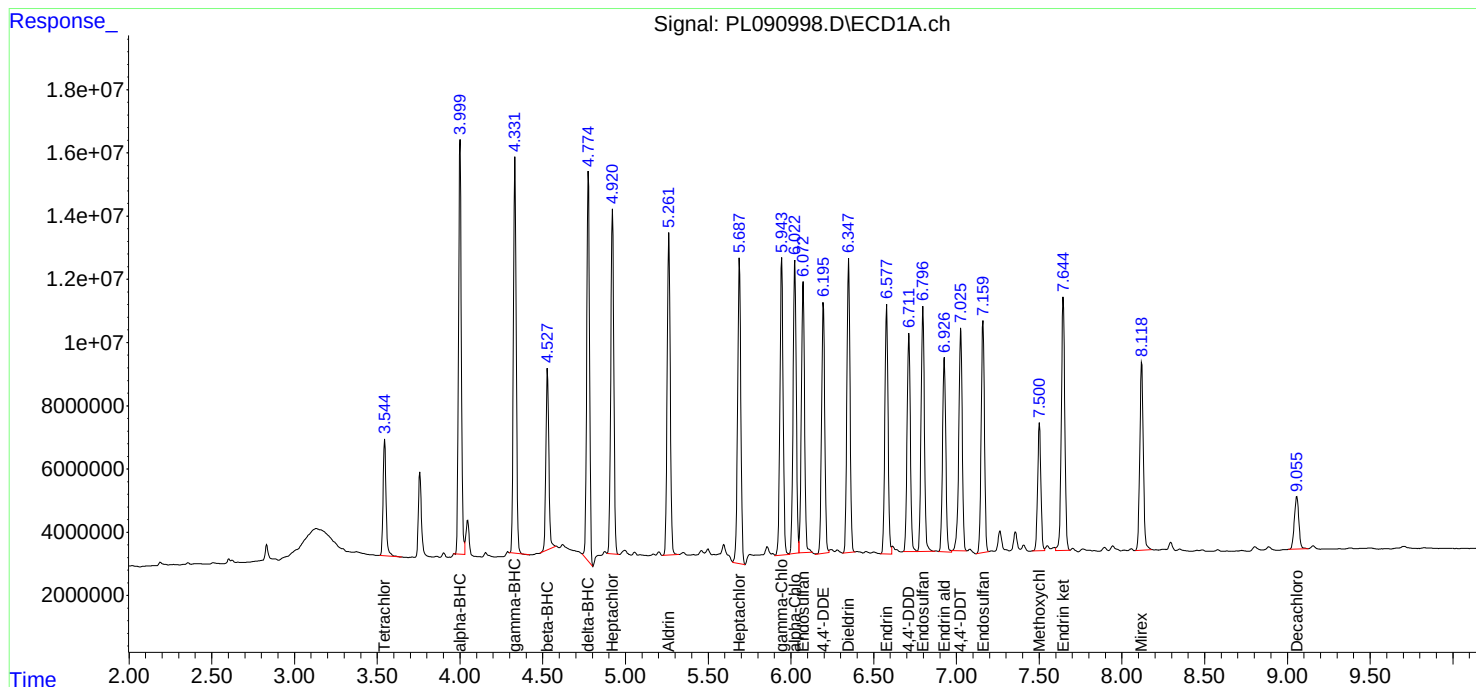
Instrument :
ECD_L
ClientSampleId :
289MSD

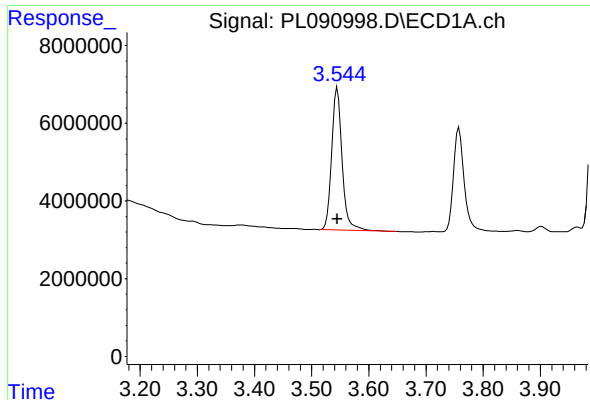
Manual Integrations
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Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 01:29:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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





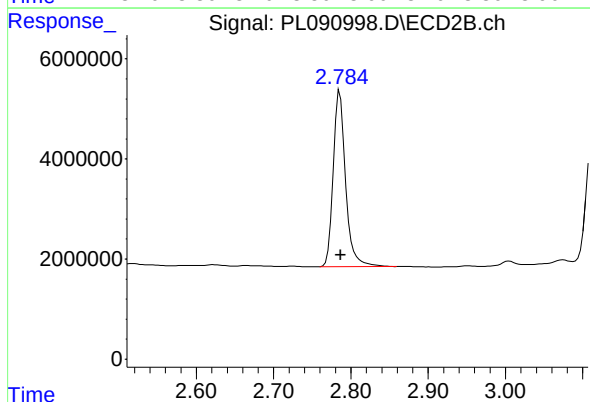
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 46174173
Conc: 23.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

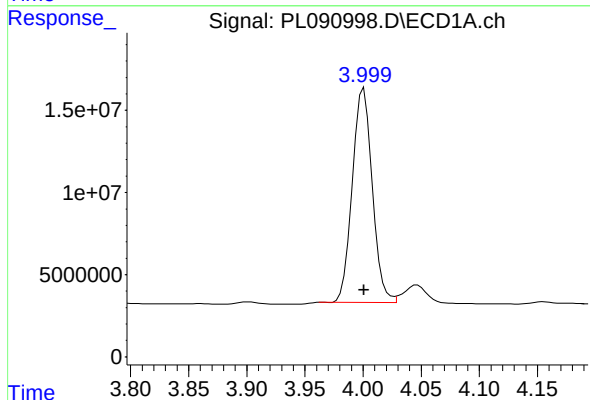
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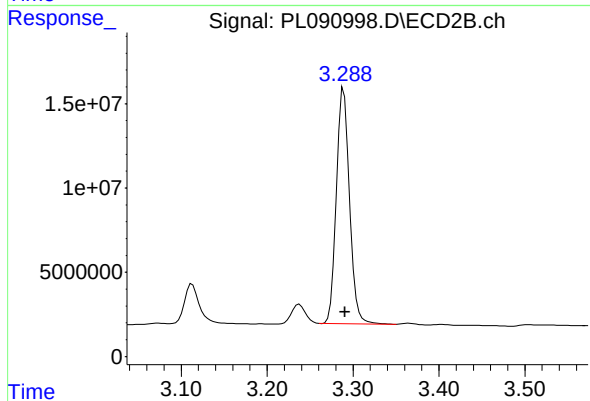
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.001 min
Response: 39450692
Conc: 22.82 ng/ml



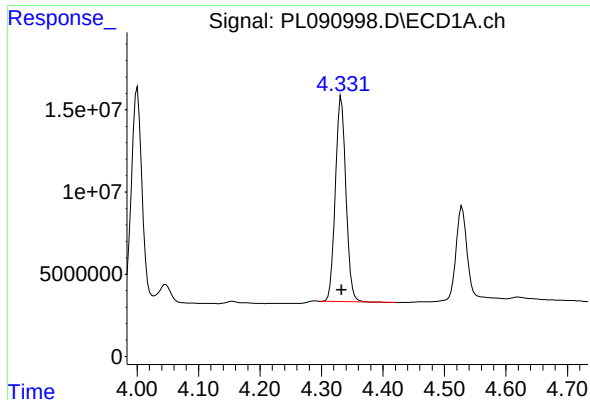
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 155498855
Conc: 56.30 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: -0.001 min
Response: 148541018
Conc: 60.30 ng/ml



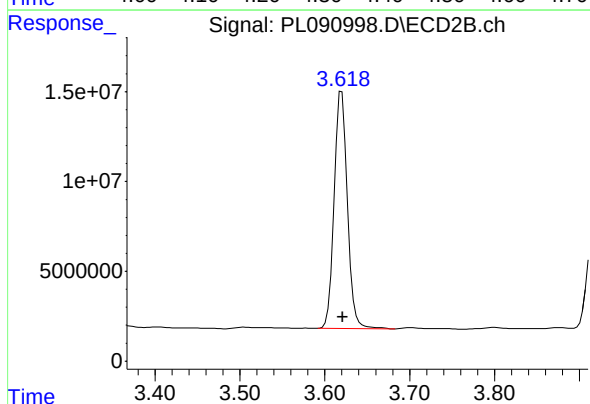
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 148677272
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

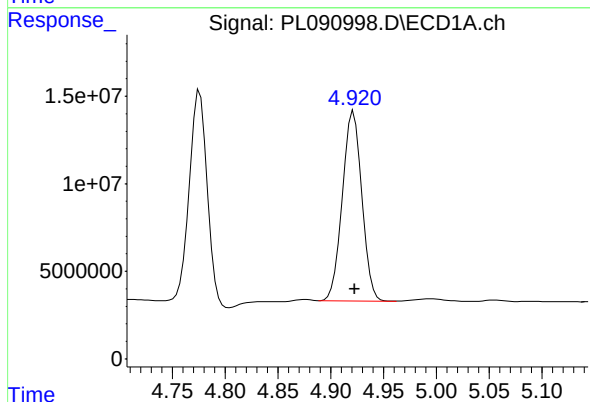
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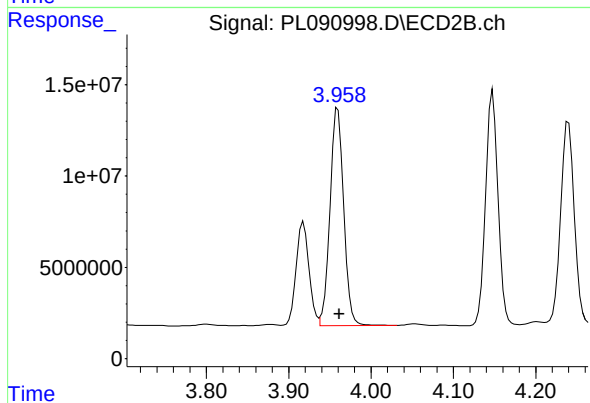
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 143039918
Conc: 61.10 ng/ml



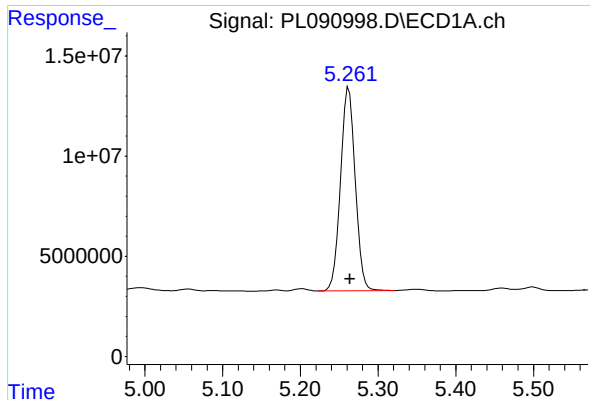
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 139065528
Conc: 56.23 ng/ml m



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 137587848
Conc: 59.34 ng/ml



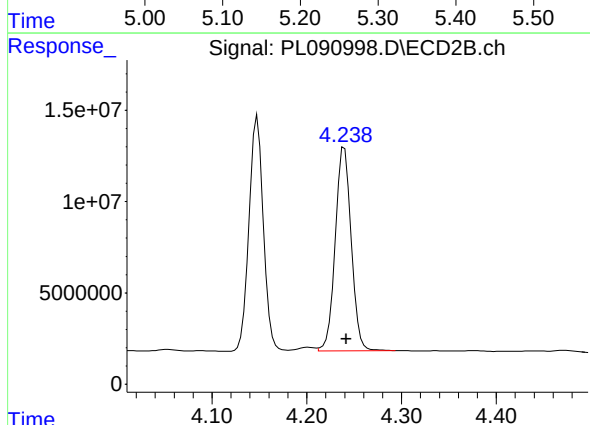
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 133863668
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

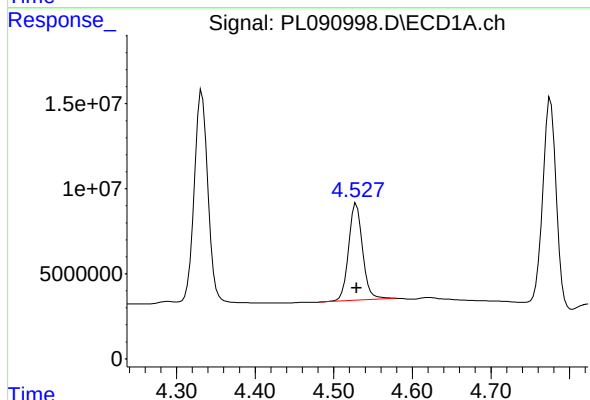
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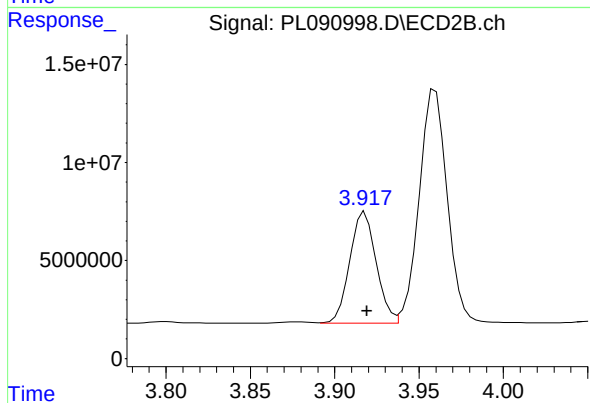
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 130107973
Conc: 58.68 ng/ml



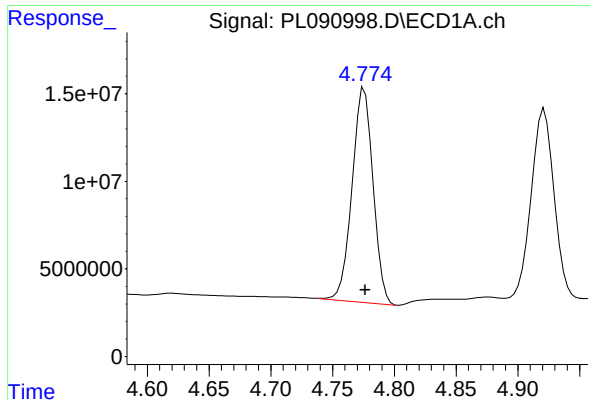
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 70467220
Conc: 55.98 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 61867825
Conc: 58.17 ng/ml



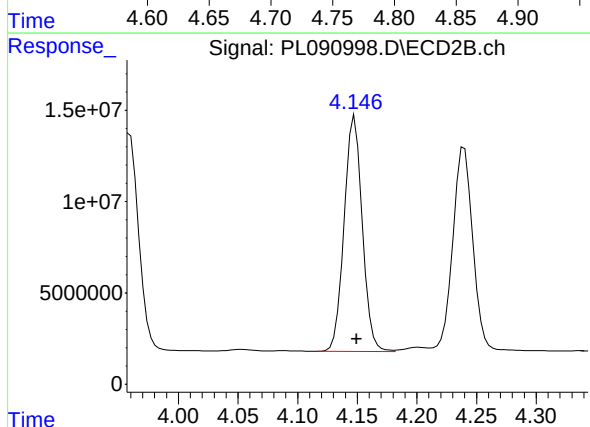
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 144970305
Conc: 57.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

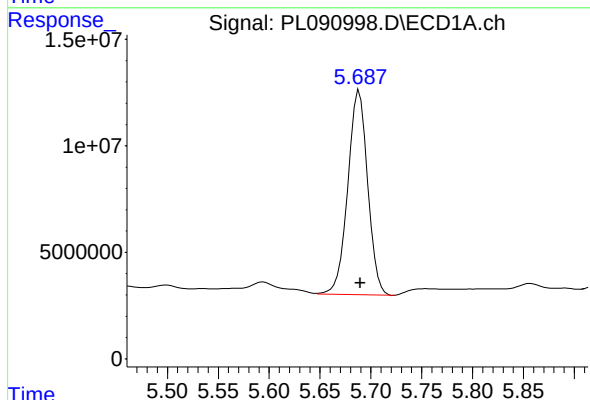
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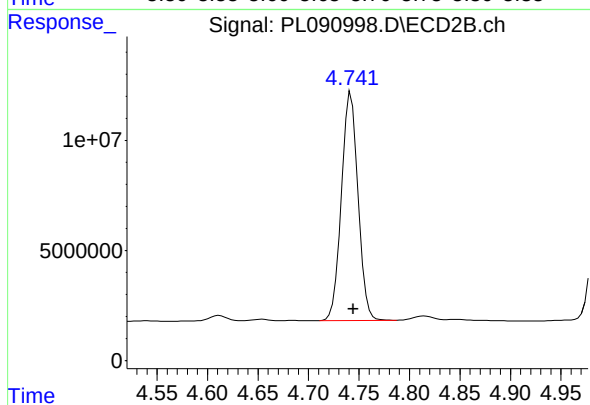
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.001 min
Response: 136160908
Conc: 60.93 ng/ml



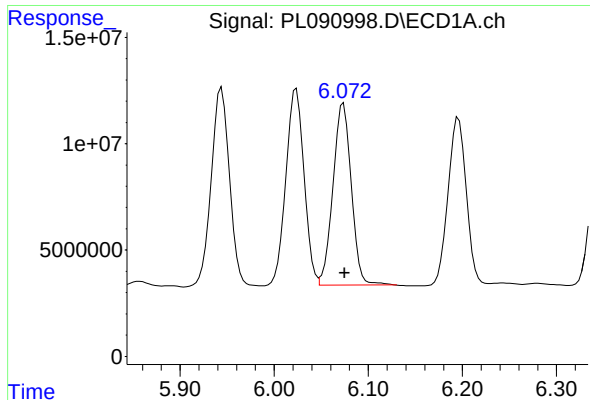
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 130372181
Conc: 57.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 118872386
Conc: 58.32 ng/ml



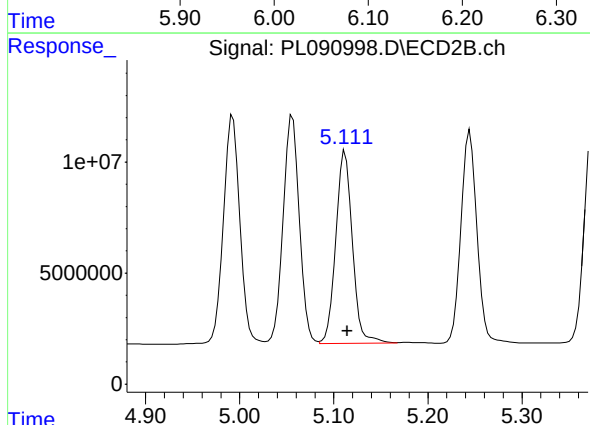
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 115449453
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

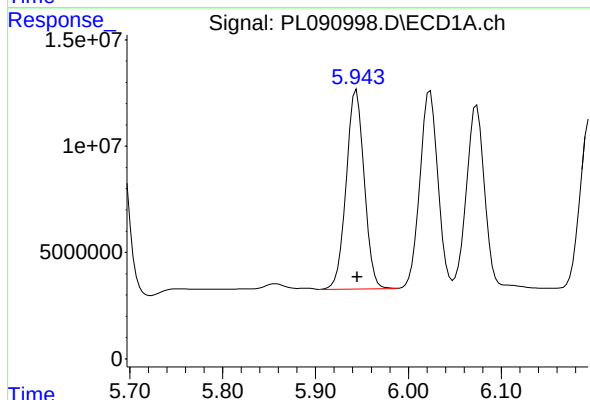
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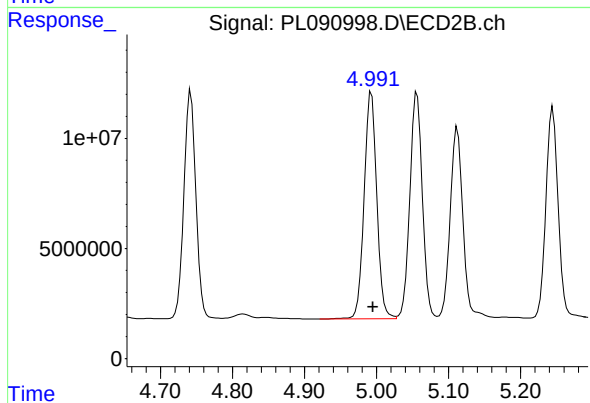
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 106319339
Conc: 55.06 ng/ml



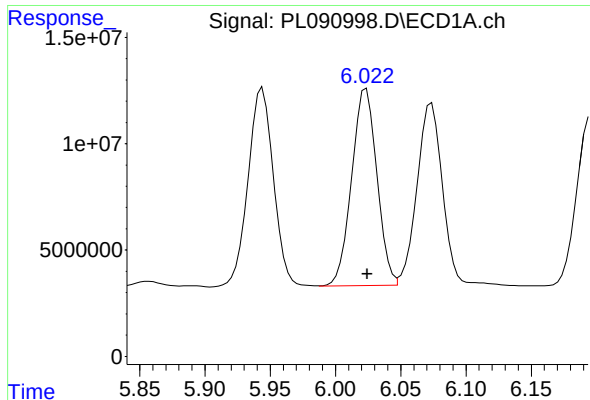
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 126562581
Conc: 56.01 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 125567477
Conc: 58.80 ng/ml



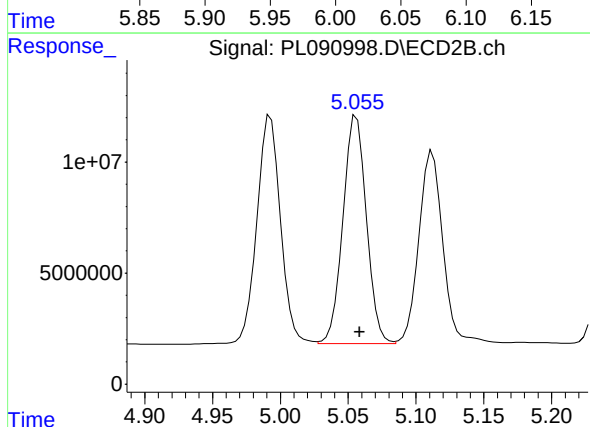
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 125341119
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

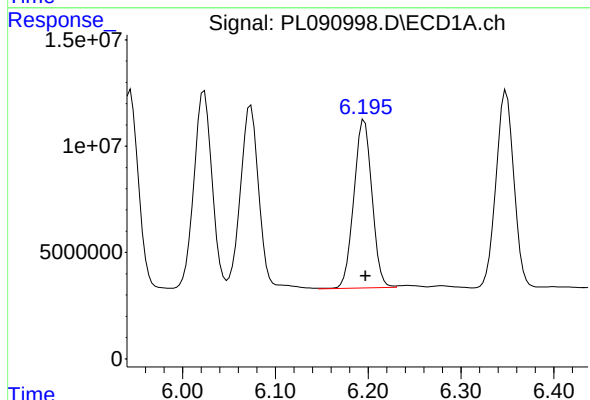
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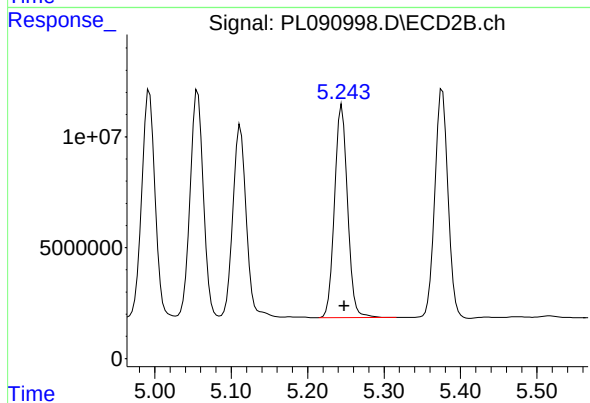
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 123456087
Conc: 57.86 ng/ml



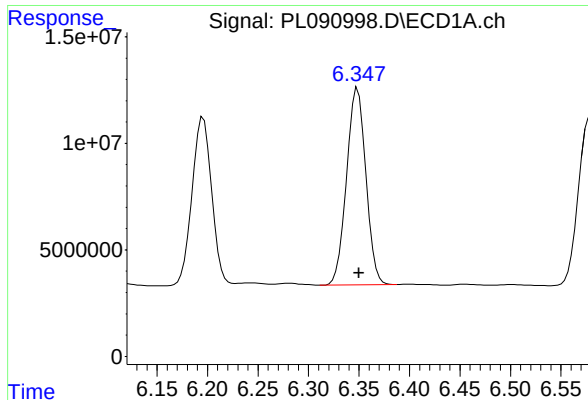
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.002 min
Response: 107015824
Conc: 53.98 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 113223223
Conc: 60.36 ng/ml



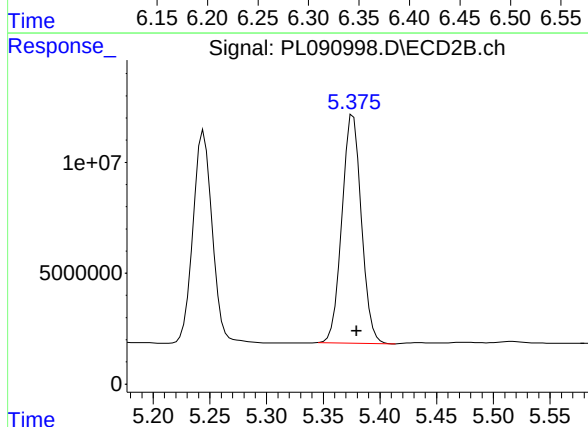
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 123292041
Conc: 56.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

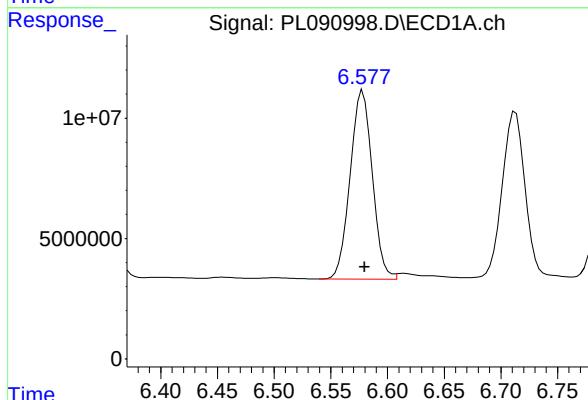
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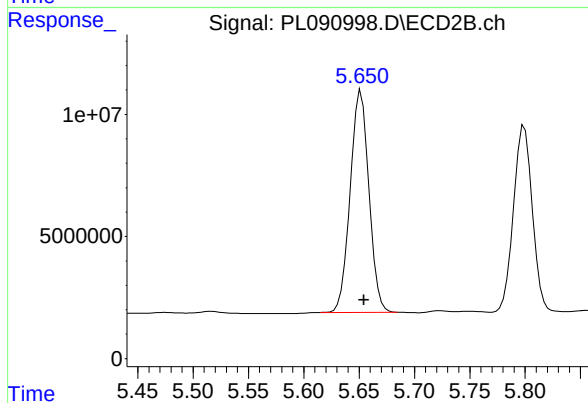
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 122757604
Conc: 59.45 ng/ml



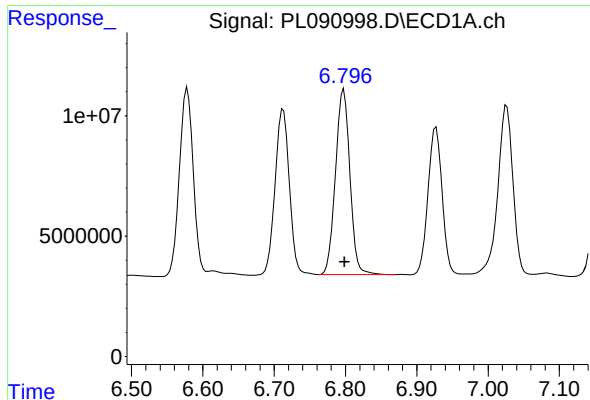
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 107065070
Conc: 58.46 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 107331156
Conc: 58.74 ng/ml m



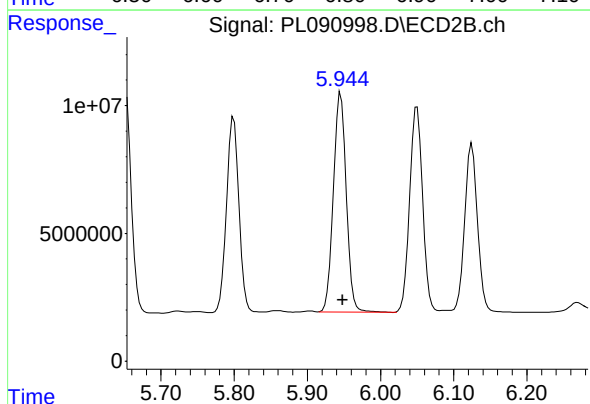
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.001 min
Response: 108474782
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

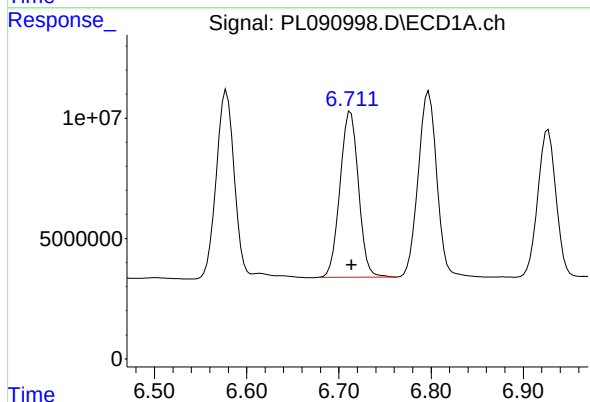
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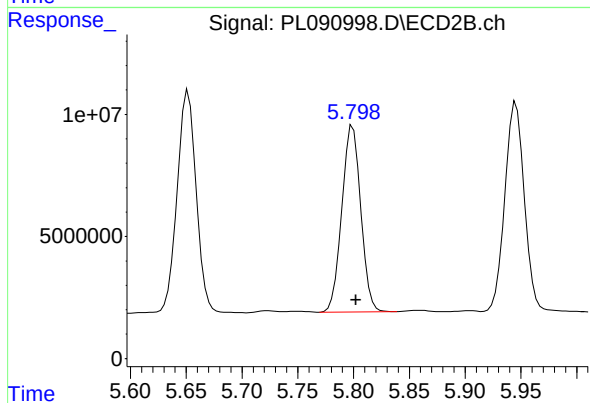
#15 Endosulfan II

R.T.: 5.946 min
Delta R.T.: -0.003 min
Response: 104571568
Conc: 57.57 ng/ml



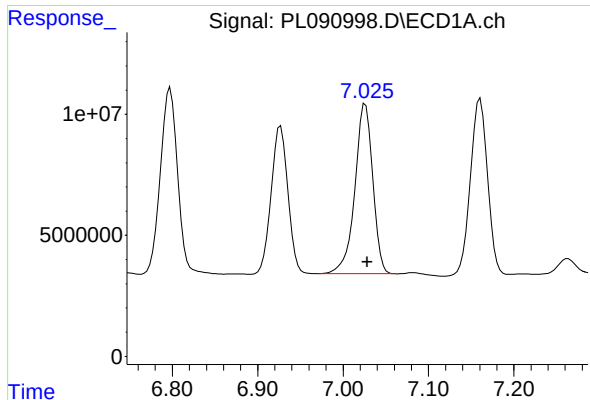
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 95903125
Conc: 58.17 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 89960383
Conc: 57.97 ng/ml



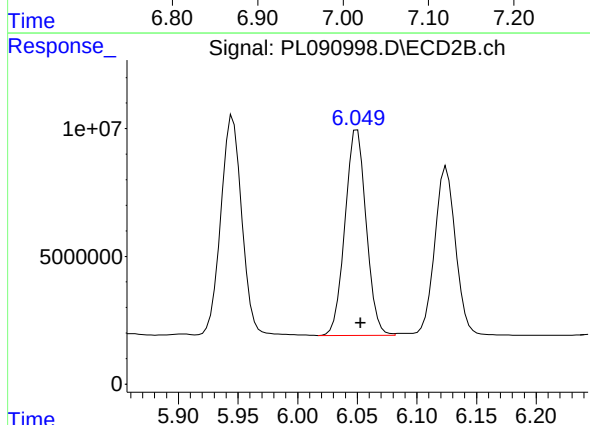
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.004 min
Response: 102357551
Conc: 57.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

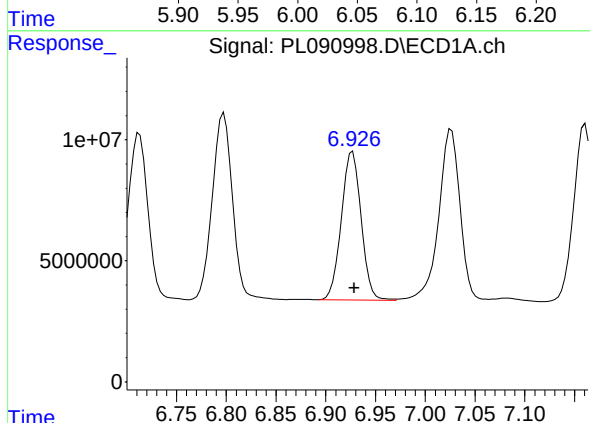
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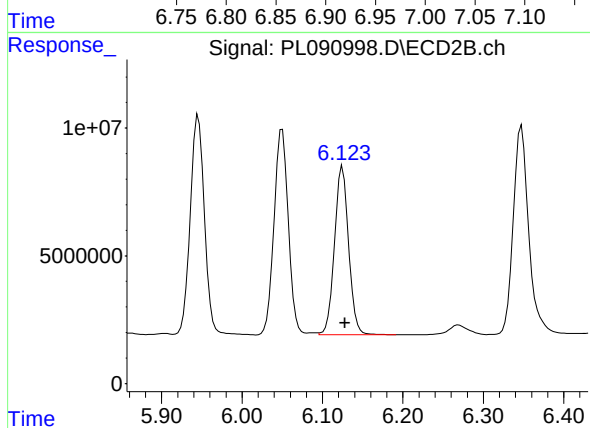
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 99400456
Conc: 59.94 ng/ml



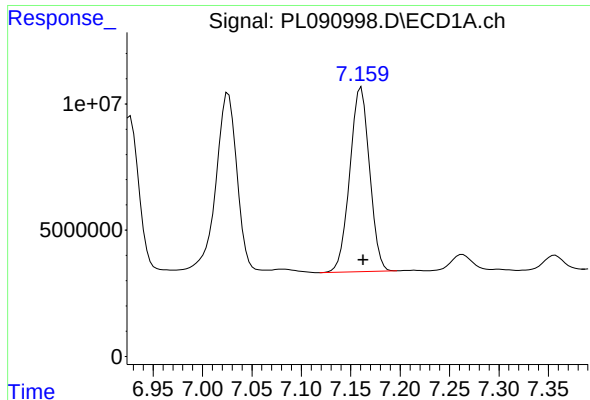
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 85050463
Conc: 56.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 80470148
Conc: 56.84 ng/ml



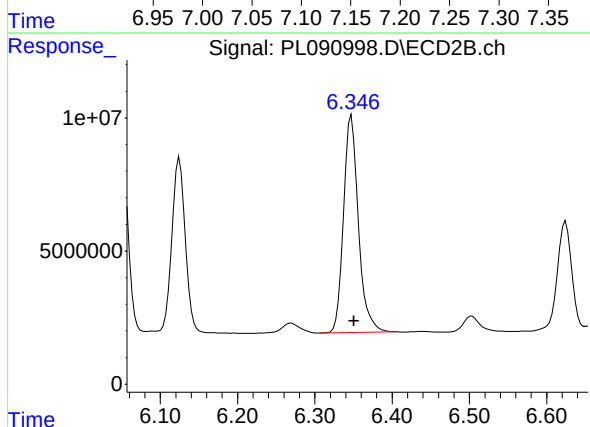
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 101660181
Conc: 56.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

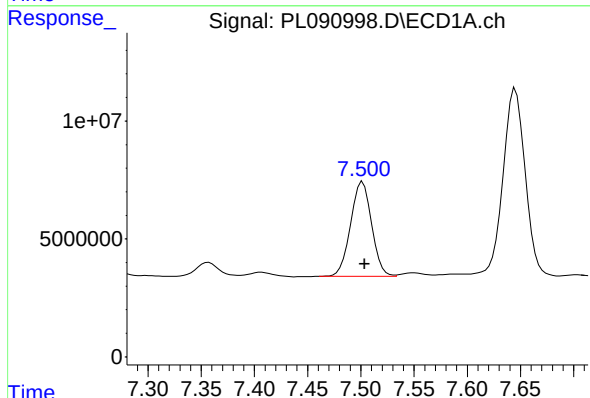
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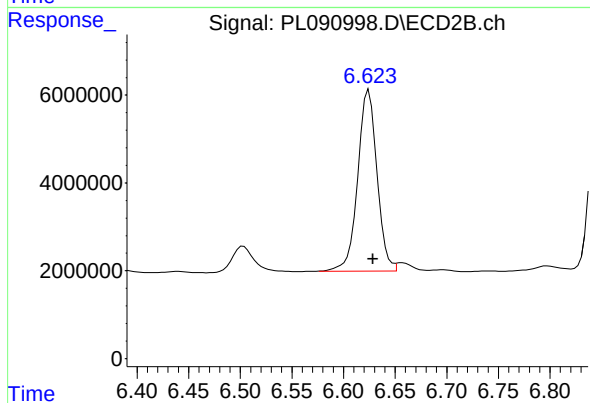
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 108315953
Conc: 62.05 ng/ml



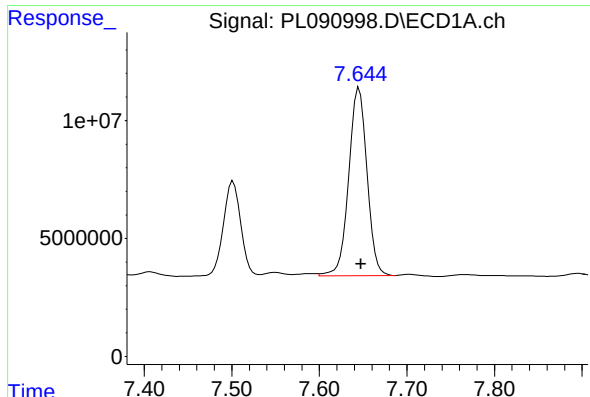
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 54977539
Conc: 57.61 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: -0.005 min
Response: 53877132
Conc: 58.37 ng/ml m



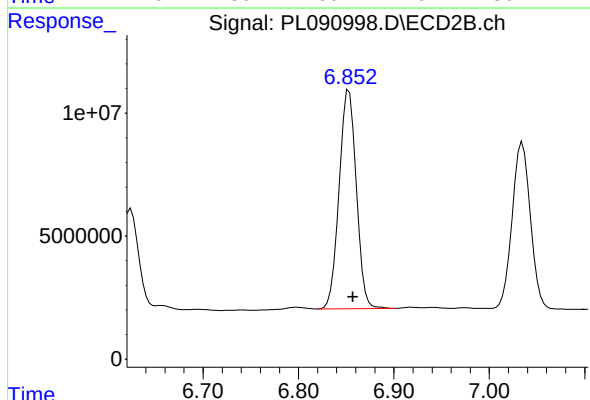
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.002 min
Response: 115465801
Conc: 58.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

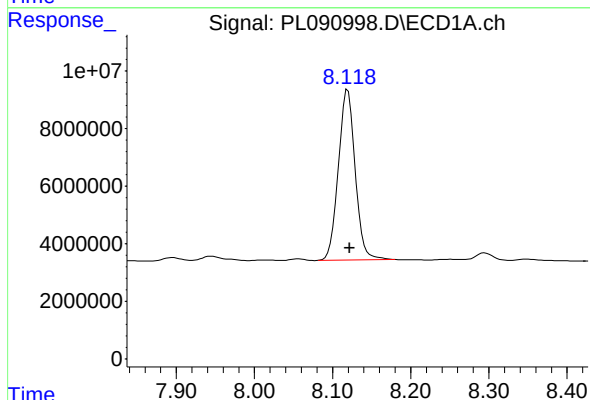
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Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



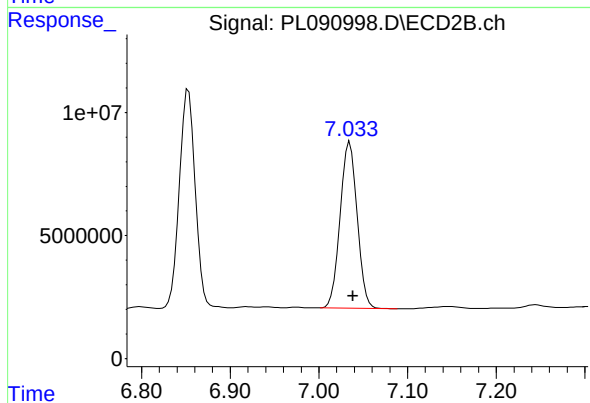
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 111414375
Conc: 56.22 ng/ml



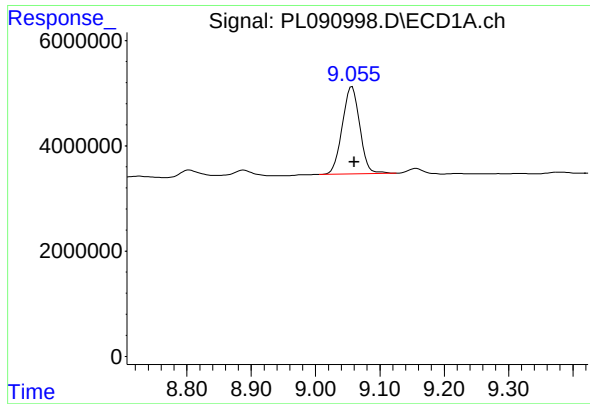
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 88828913
Conc: 57.14 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.004 min
Response: 90160696
Conc: 53.69 ng/ml



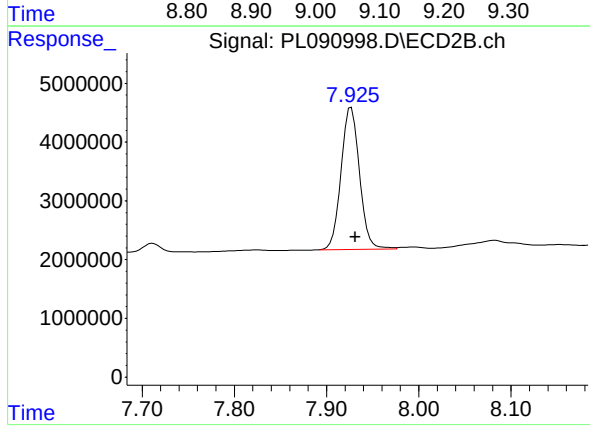
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 31379846
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
289MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/13/2024
Supervised By :Ankita Jodhani 08/14/2024



#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.004 min
Response: 33473558
Conc: 20.05 ng/ml