

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
 Data File : PL091276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2024 16:56
 Operator : AR\AJ
 Sample : P3669-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20430MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:30:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.544	2.785	38736713	42056694	18.041	21.545
28)	SA Decachlor...	9.054	7.923	33221711	43919603	21.791	23.187
Target Compounds							
2)	A alpha-BHC	3.999	3.288	145.1E6	151.0E6	48.417	54.462
3)	MA gamma-BHC...	4.330	3.616	138.0E6	147.6E6	48.119m	56.050m
4)	MA Heptachlor	4.920	3.957	129.3E6	155.3E6	48.556	60.136
5)	MB Aldrin	5.262	4.237	123.3E6	145.7E6	47.757	59.232
6)	B beta-BHC	4.528	3.916	63821875	72170634	47.193	61.314 #
7)	B delta-BHC	4.775	4.146	135.2E6	150.4E6	49.674	59.357
8)	B Heptachlo...	5.687	4.736	121.3E6	138.1E6	49.592	61.240m
9)	A Endosulfan I	6.072	5.109	114.2E6	118.9E6	50.840	56.350
10)	B gamma-Chl...	5.941	4.990	115.5E6	143.9E6	47.779m	60.893 #
11)	B alpha-Chl...	6.022	5.053	120.8E6	141.6E6	50.154	60.176
12)	B 4,4'-DDE	6.195	5.242	106.8E6	120.0E6	51.040	57.423
13)	MA Dieldrin	6.347	5.374	116.4E6	132.1E6	49.442	58.005
14)	MA Endrin	6.577	5.648	96829835	118.3E6	49.932	58.075
15)	B Endosulfa...	6.796	5.942	104.5E6	107.9E6	51.616	55.767
16)	A 4,4'-DDD	6.711	5.796	89806397	99275590	59.420	60.138
17)	MA 4,4'-DDT	7.025	6.046	90690365	98306909	51.091	55.340
18)	B Endrin al...	6.925	6.122	79931301	94210531	50.069	60.481
19)	B Endosulfa...	7.160	6.345	96934918	106.2E6	50.523	55.083
20)	A Methoxychlor	7.500	6.622	48950888	53445846	52.061	53.824
21)	B Endrin ke...	7.644	6.850	108.4E6	122.7E6	51.649	56.326
22)	Mirex	8.118	7.031	84034116	100.3E6	49.398	53.763

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
Data File : PL091276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2024 16:56
Operator : AR\AJ
Sample : P3669-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

20430MSD

Manual Integrations

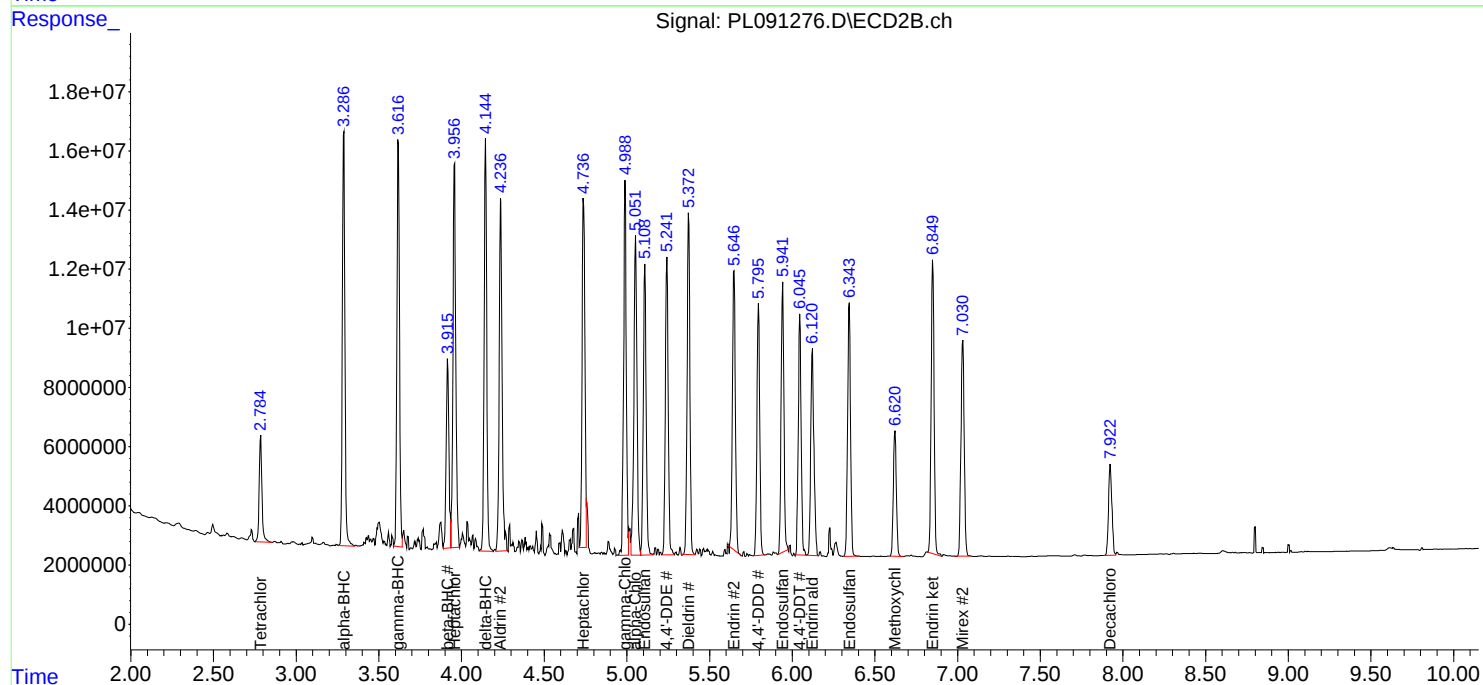
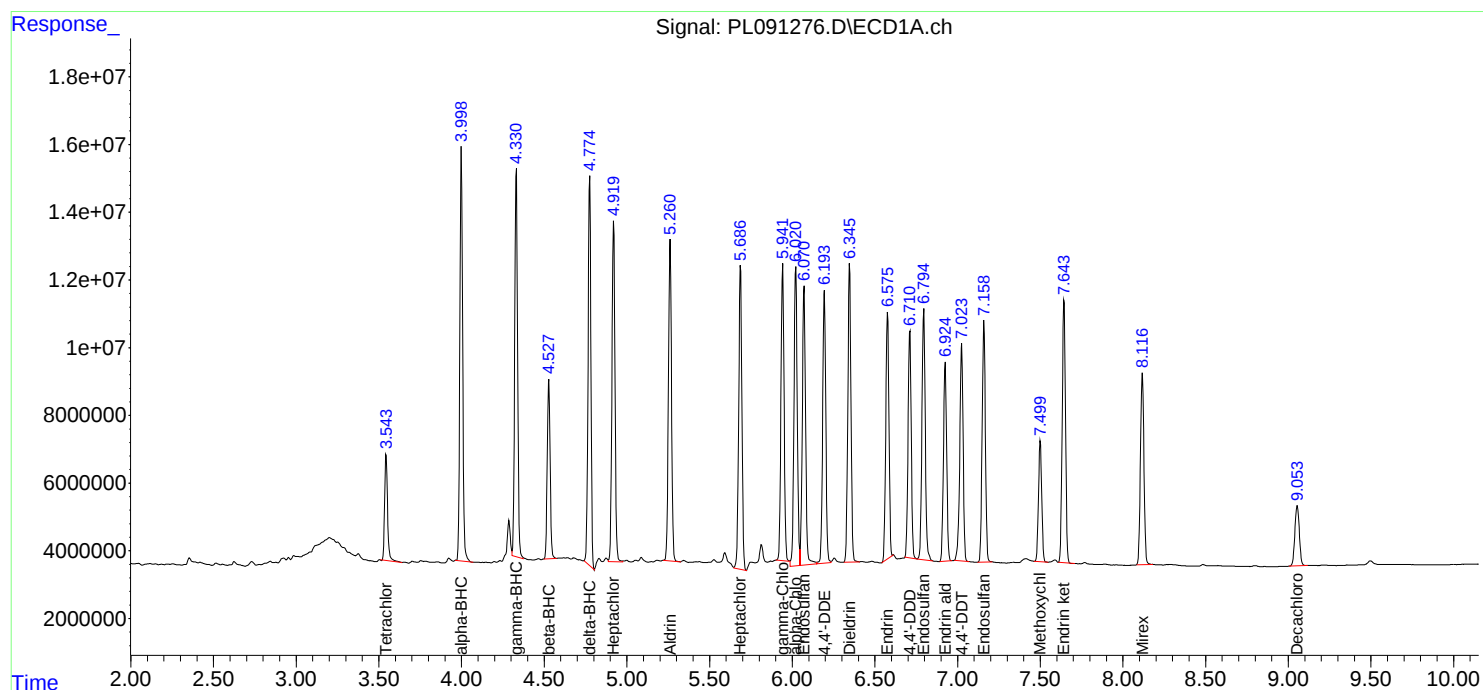
APPROVED

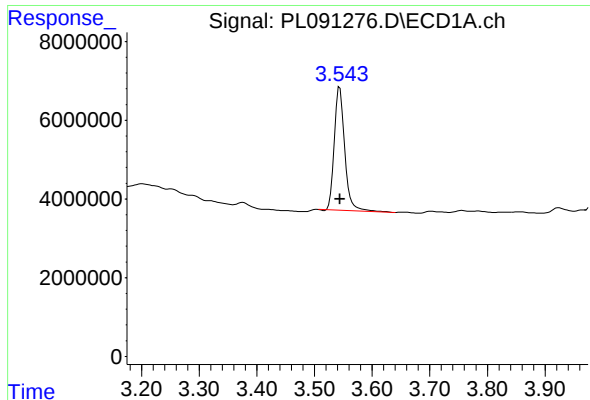
Reviewed By :Abdul Mirza 08/23/2024

Supervised By :Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:30:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





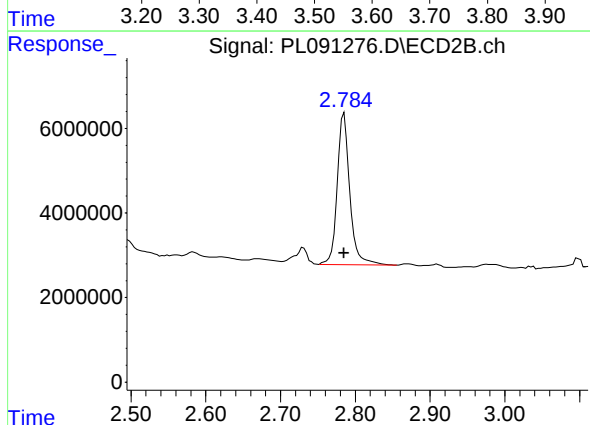
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 38736713
Conc: 18.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

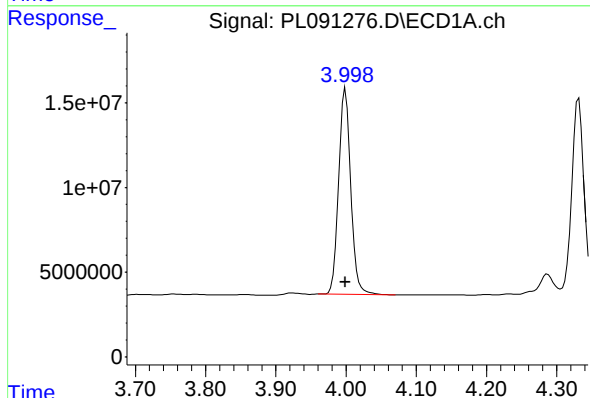
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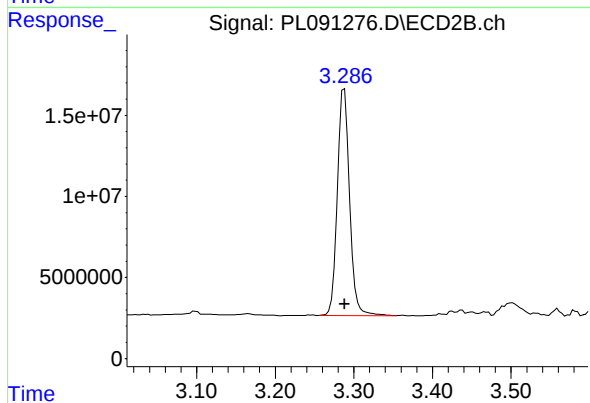
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 42056694
Conc: 21.55 ng/ml



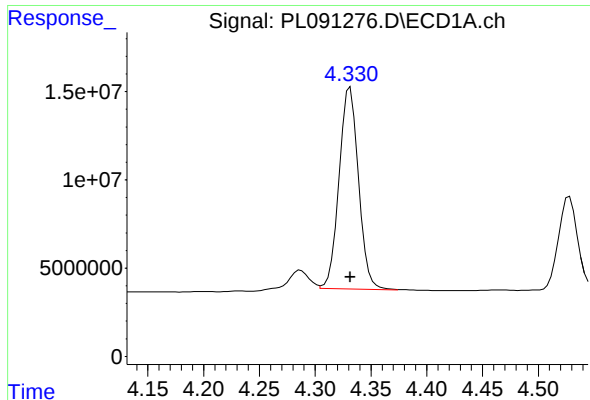
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 145144407
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 151046316
Conc: 54.46 ng/ml



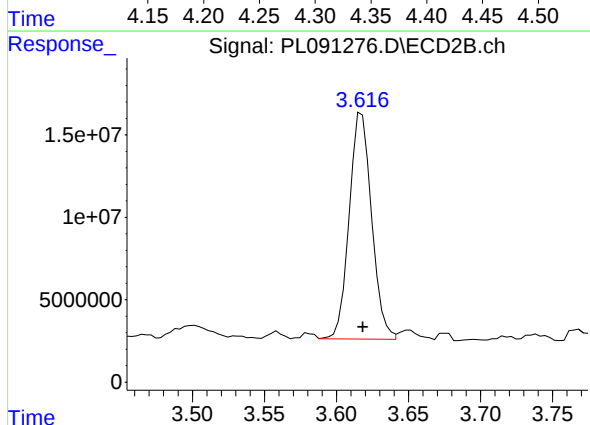
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 138036596
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

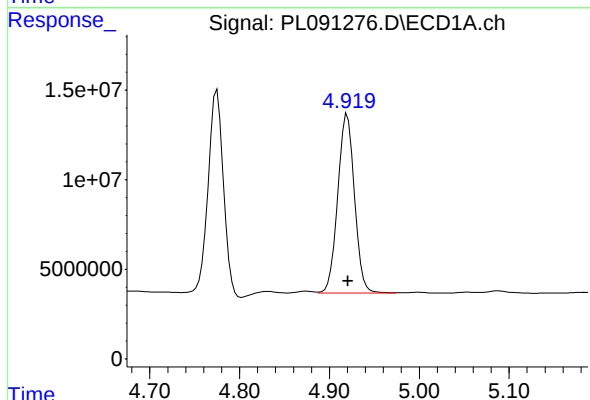
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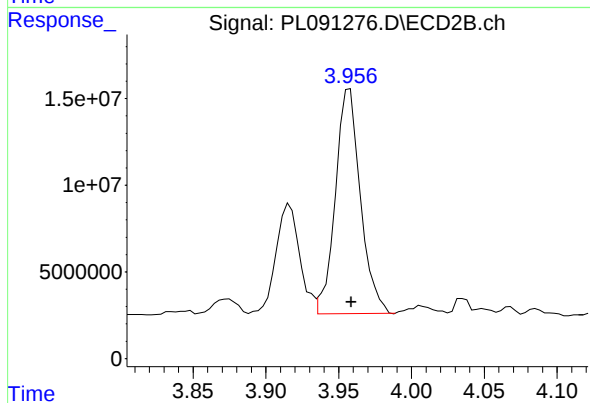
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 147631689
Conc: 56.05 ng/ml



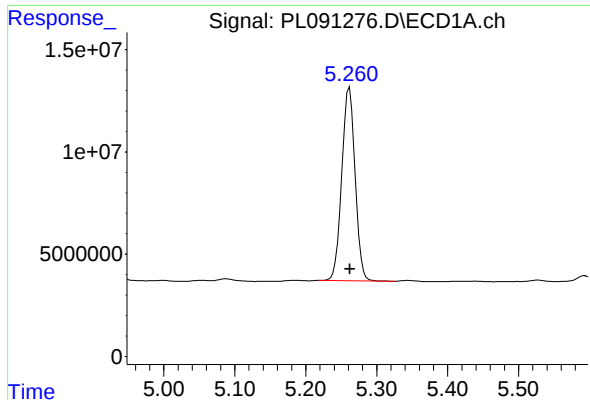
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 129305342
Conc: 48.56 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 155314510
Conc: 60.14 ng/ml



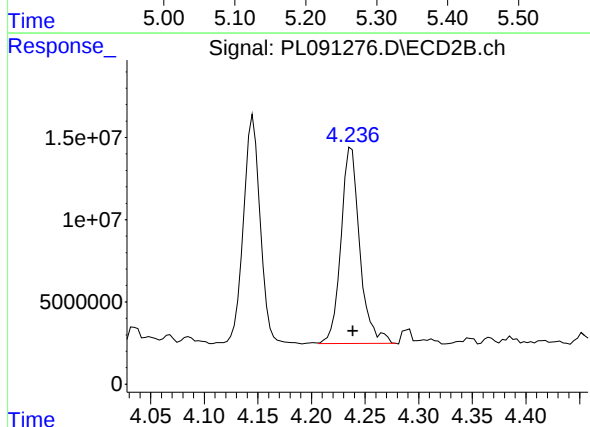
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 123253934
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

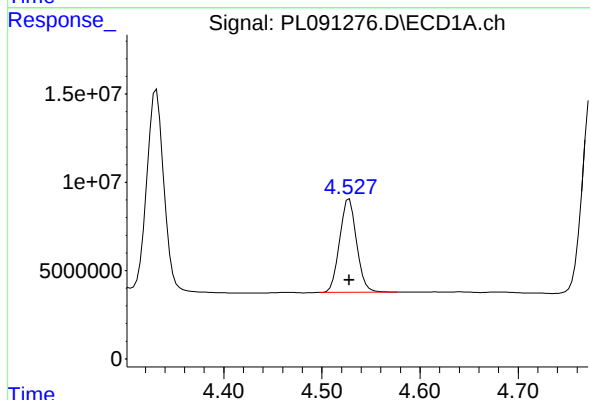
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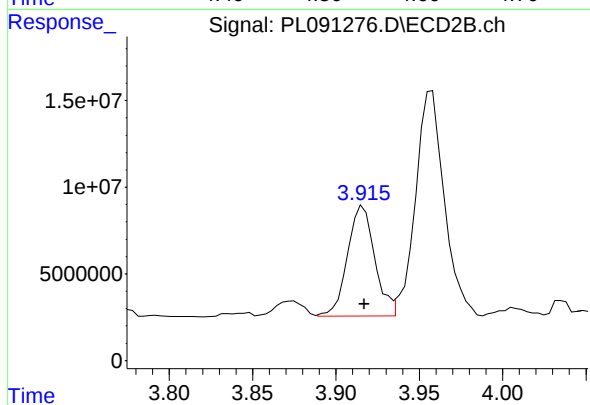
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.001 min
Response: 145661203
Conc: 59.23 ng/ml



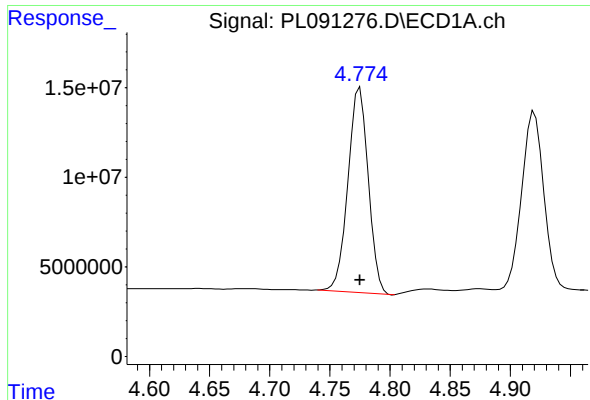
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 63821875
Conc: 47.19 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 72170634
Conc: 61.31 ng/ml



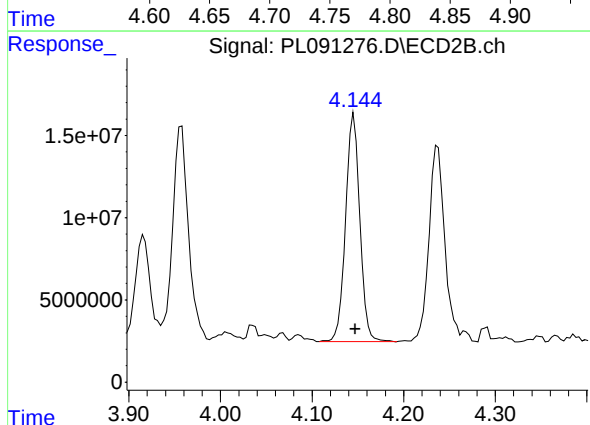
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 135237788
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

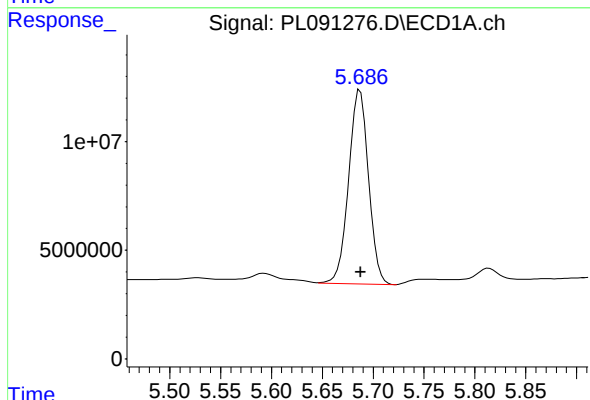
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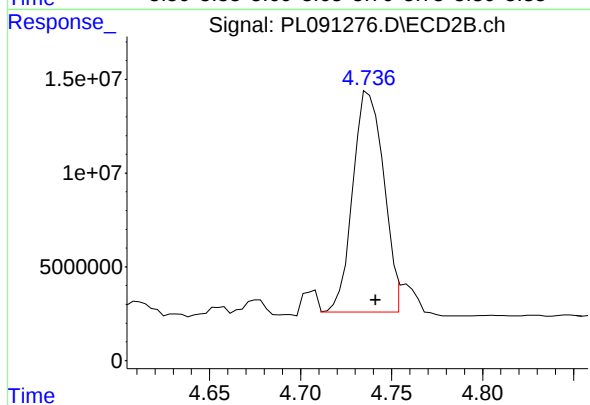
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.001 min
Response: 150423202
Conc: 59.36 ng/ml



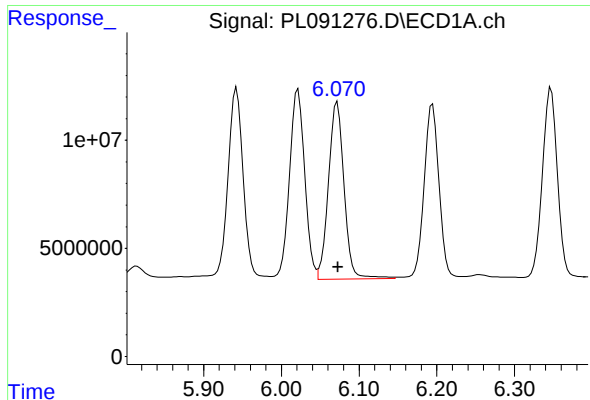
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 121327894
Conc: 49.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.005 min
Response: 138085329
Conc: 61.24 ng/ml m



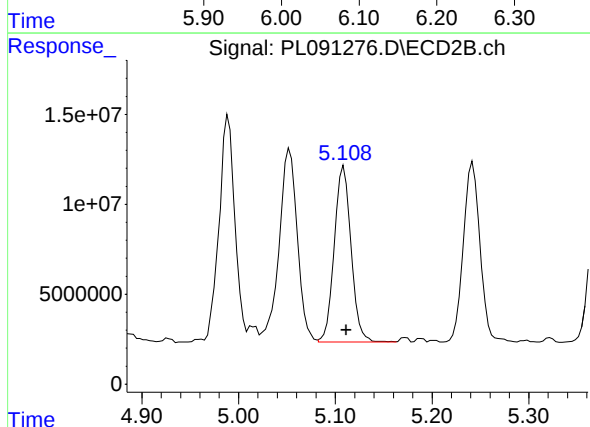
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 114153235
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

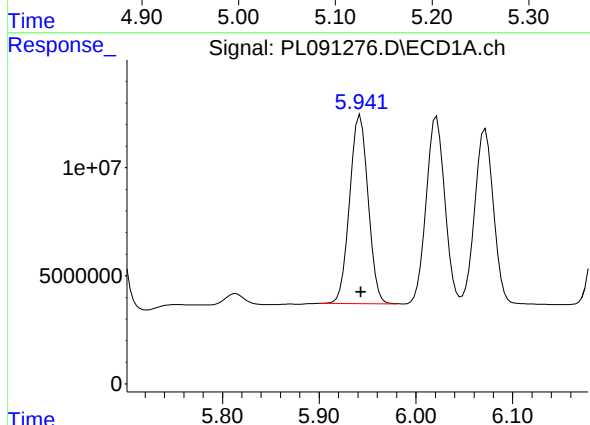
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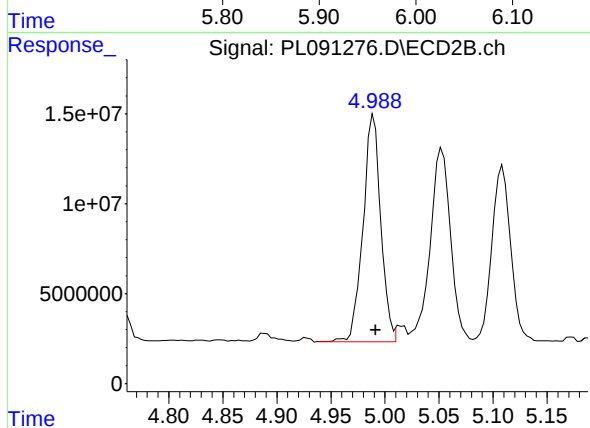
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 118907745
Conc: 56.35 ng/ml



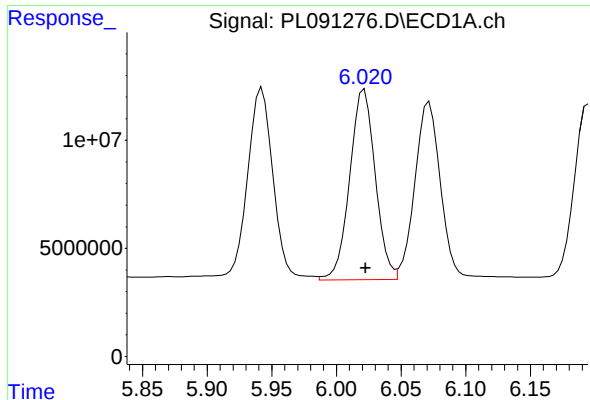
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 115455220
Conc: 47.78 ng/ml m



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 143949253
Conc: 60.89 ng/ml



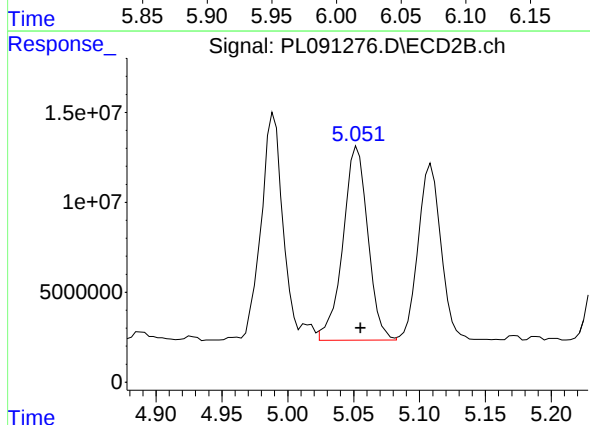
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 120757582
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

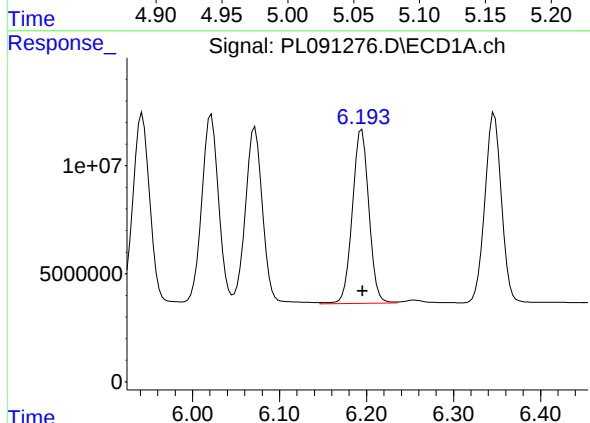
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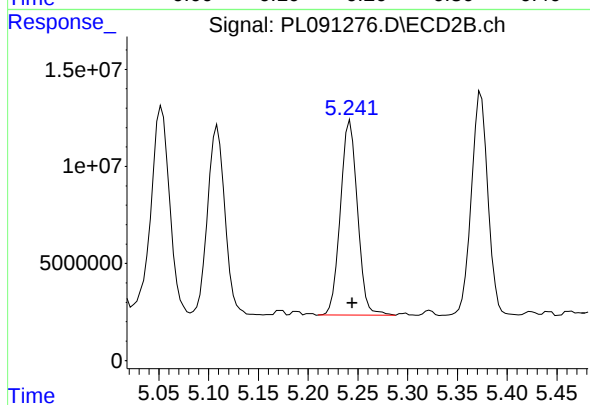
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 141568412
Conc: 60.18 ng/ml



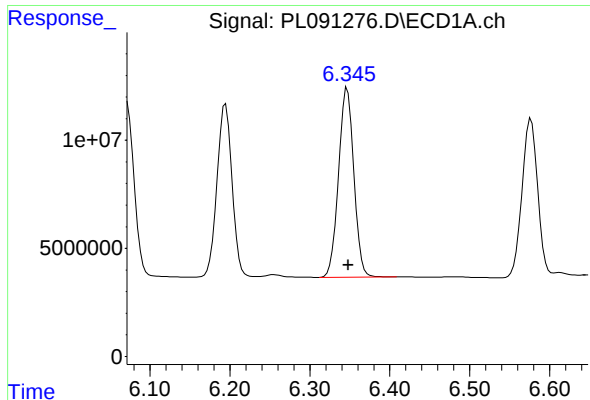
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 106780352
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 119979408
Conc: 57.42 ng/ml



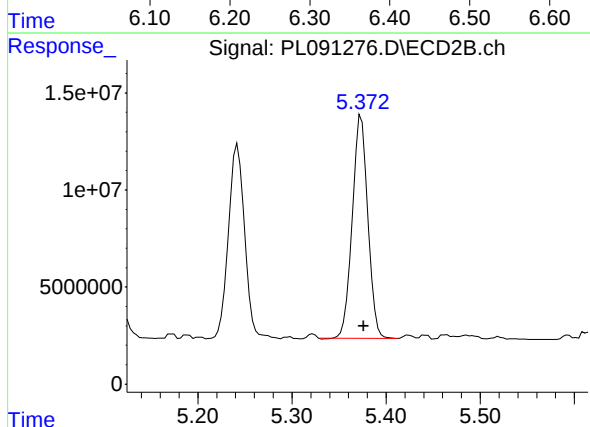
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 116448441
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

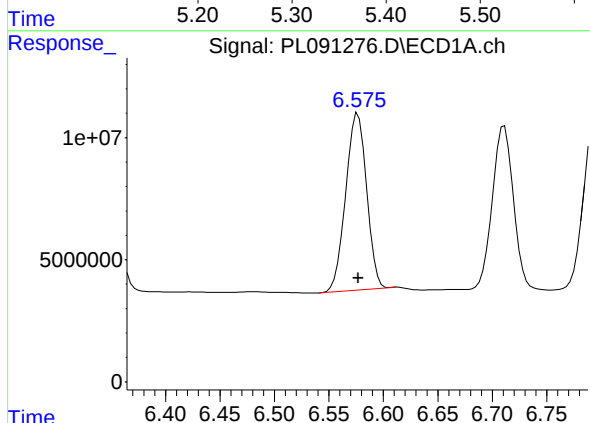
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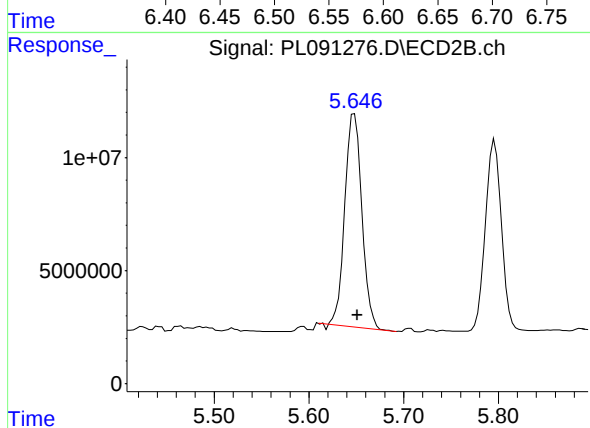
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 132107493
Conc: 58.00 ng/ml



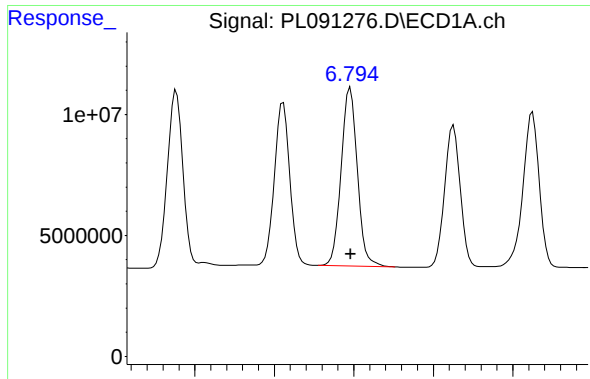
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 96829835
Conc: 49.93 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 118307903
Conc: 58.08 ng/ml



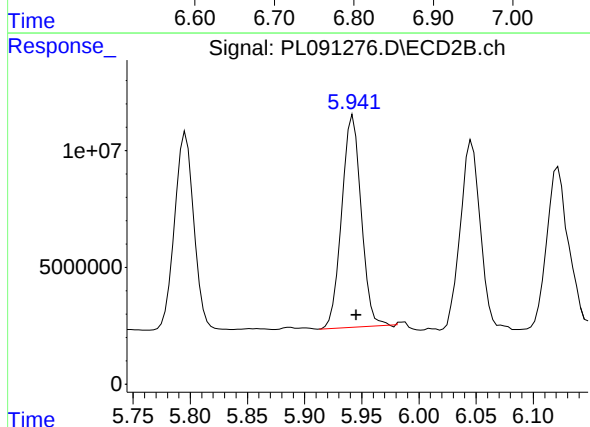
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 104453610
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

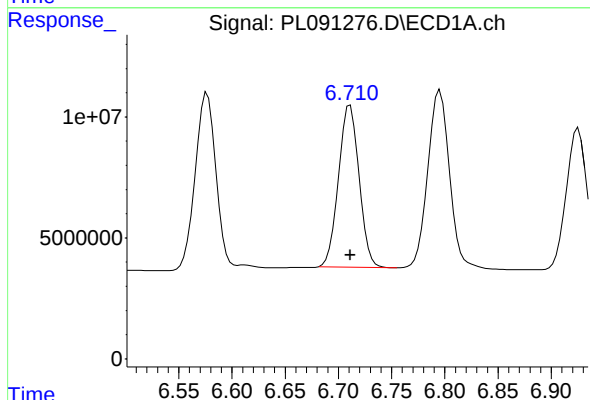
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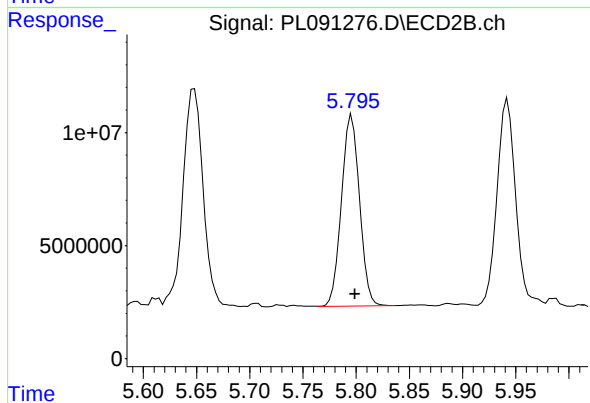
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 107891768
Conc: 55.77 ng/ml



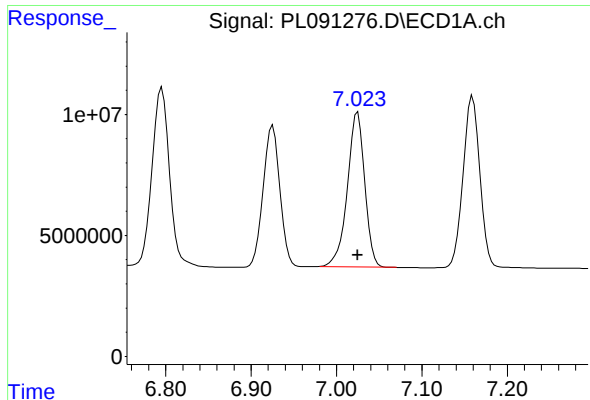
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 89806397
Conc: 59.42 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 99275590
Conc: 60.14 ng/ml



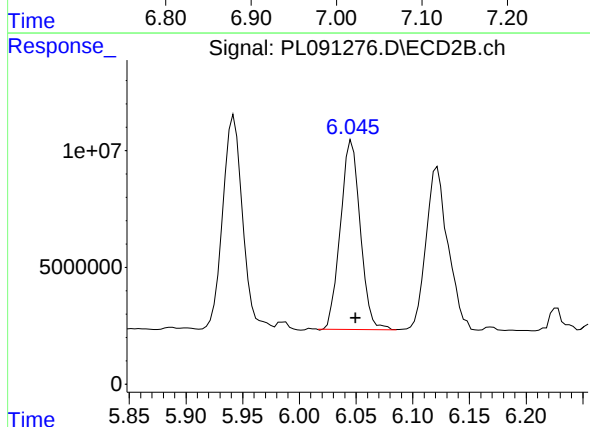
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 90690365
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

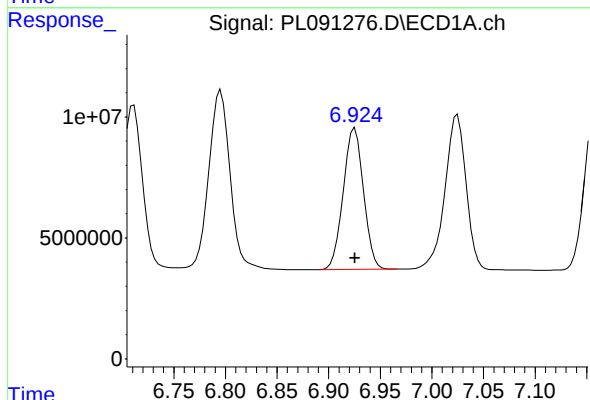
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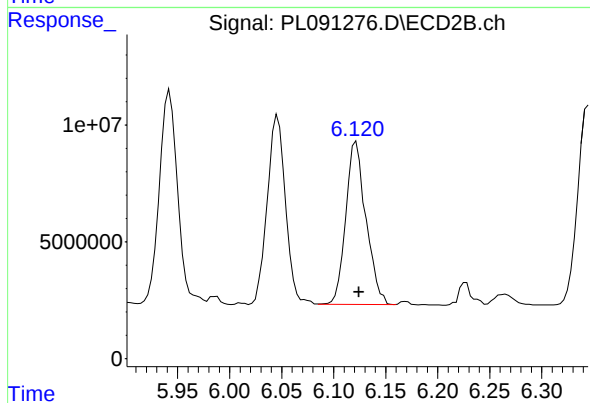
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 98306909
Conc: 55.34 ng/ml



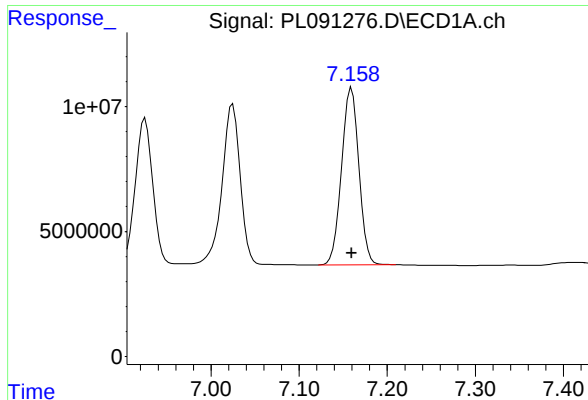
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 79931301
Conc: 50.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 94210531
Conc: 60.48 ng/ml



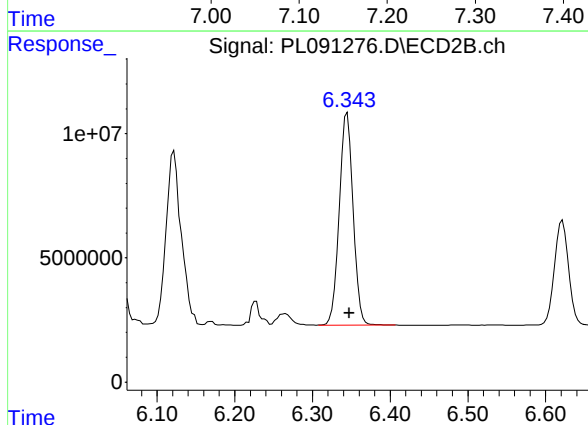
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 96934918
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

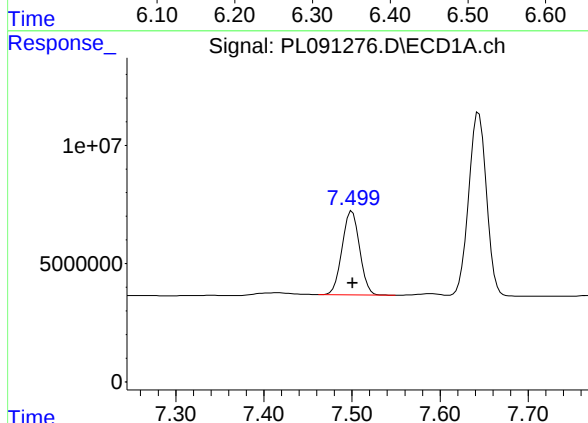
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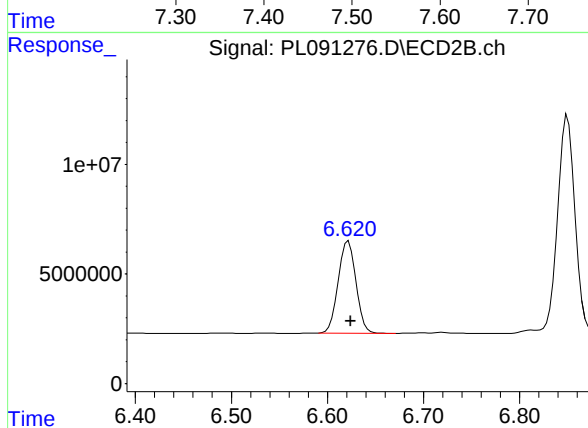
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 106200262
Conc: 55.08 ng/ml



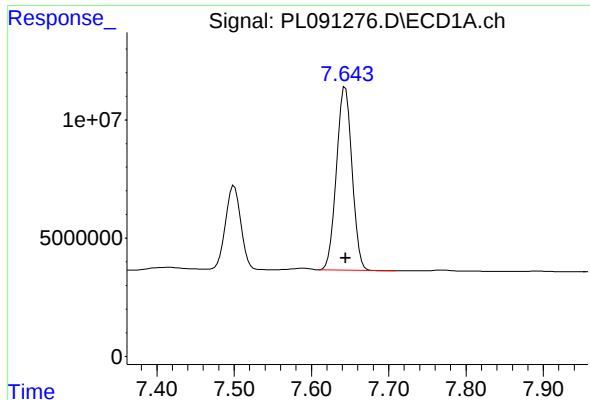
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 48950888
Conc: 52.06 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 53445846
Conc: 53.82 ng/ml



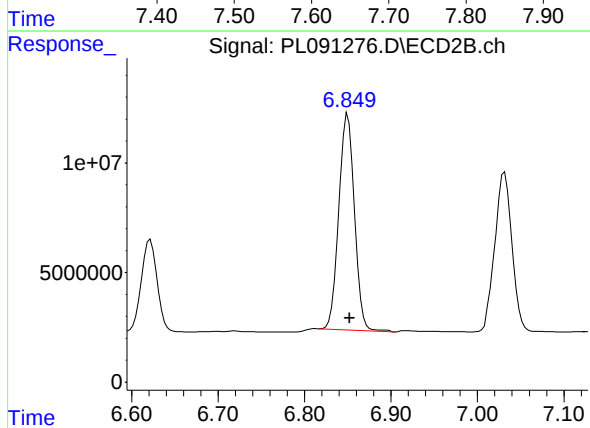
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 108449227
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

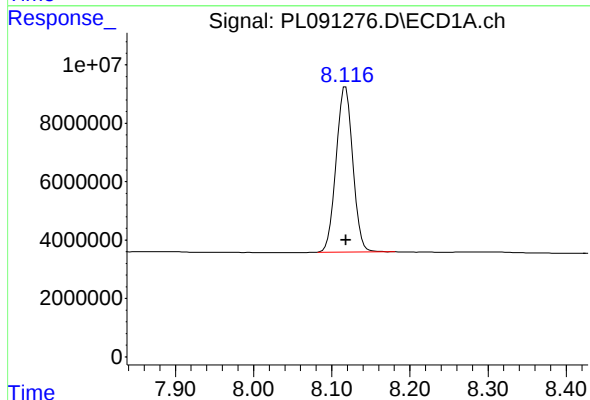
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/23/2024
Supervised By :Ankita Jodhani 08/23/2024



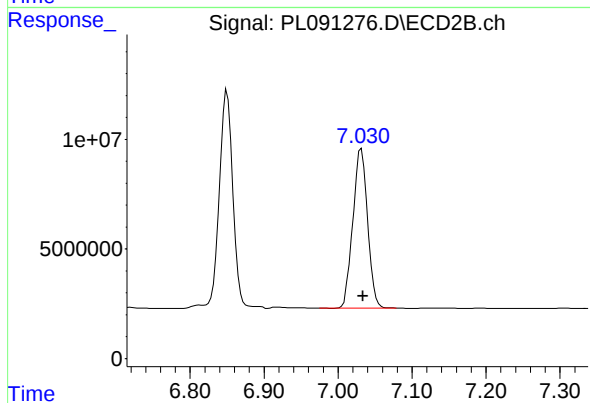
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 122675874
Conc: 56.33 ng/ml



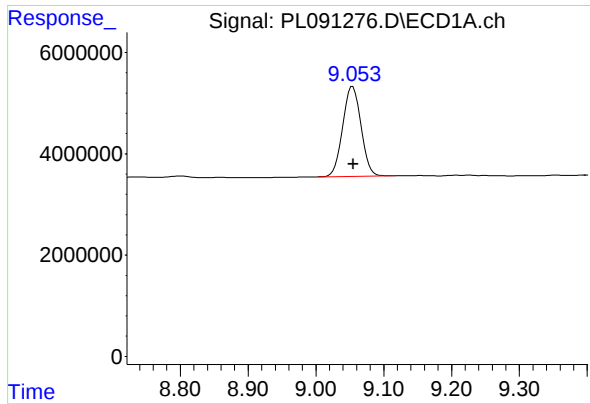
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 84034116
Conc: 49.40 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 100345451
Conc: 53.76 ng/ml



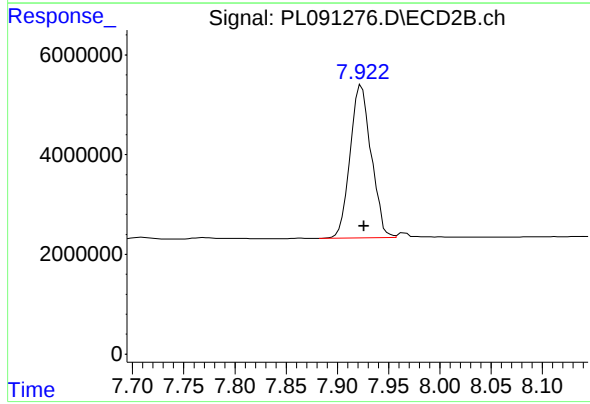
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 33221711
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 43919603
Conc: 23.19 ng/ml