

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
 Data File : PL095091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 00:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/08/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:25:00 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...	3.535	2.769	139.9E6	192.2E6	49.428	53.835
28)	SA Decachlor...	9.052	7.901	105.1E6	167.5E6	49.870	41.459
Target Compounds							
2)	A alpha-BHC	3.991	3.270	206.2E6	292.4E6	49.663	54.231
3)	MA gamma-BHC...	4.324	3.600	198.3E6	272.5E6	49.705	53.016
4)	MA Heptachlor	4.911	3.937	178.5E6	258.9E6	45.984	49.139
5)	MB Aldrin	5.253	4.217	173.6E6	254.3E6	47.010	52.158
6)	B beta-BHC	4.523	3.900	90514810	118.8E6	49.054	53.484
7)	B delta-BHC	4.770	4.129	197.6E6	273.2E6	50.748	54.624
8)	B Heptachlo...	5.680	4.719	158.2E6	234.1E6	47.301	51.129
9)	A Endosulfan I	6.066	5.088	146.3E6	219.5E6	47.662	50.021
10)	B gamma-Chl...	5.936	4.969	159.8E6	247.2E6	47.415	51.200
11)	B alpha-Chl...	6.015	5.033	156.6E6	242.4E6	47.508	50.794
12)	B 4,4'-DDE	6.189	5.221	155.6E6	249.1E6	52.874	53.592
13)	MA Dieldrin	6.341	5.351	156.1E6	241.9E6	48.821	49.867m
14)	MA Endrin	6.570	5.628	113.0E6	188.1E6	40.746	43.104
15)	B Endosulfa...	6.790	5.923	134.6E6	208.3E6	49.564	48.117
16)	A 4,4'-DDD	6.707	5.776	127.4E6	198.8E6	58.838	55.286
17)	MA 4,4'-DDT	7.020	6.026	109.6E6	175.2E6	46.086	43.463
18)	B Endrin al...	6.921	6.103	102.3E6	156.0E6	48.459	46.340
19)	B Endosulfa...	7.156	6.325	117.7E6	198.0E6	48.388	48.596
20)	A Methoxychlor	7.497	6.601	55595183	90127523	46.443	42.492
21)	B Endrin ke...	7.641	6.830	133.0E6	230.2E6	50.327	48.231
22)	Mirex	8.113	7.008	91575010	164.1E6	44.319	43.229m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040725\
Data File : PL095091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 00:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

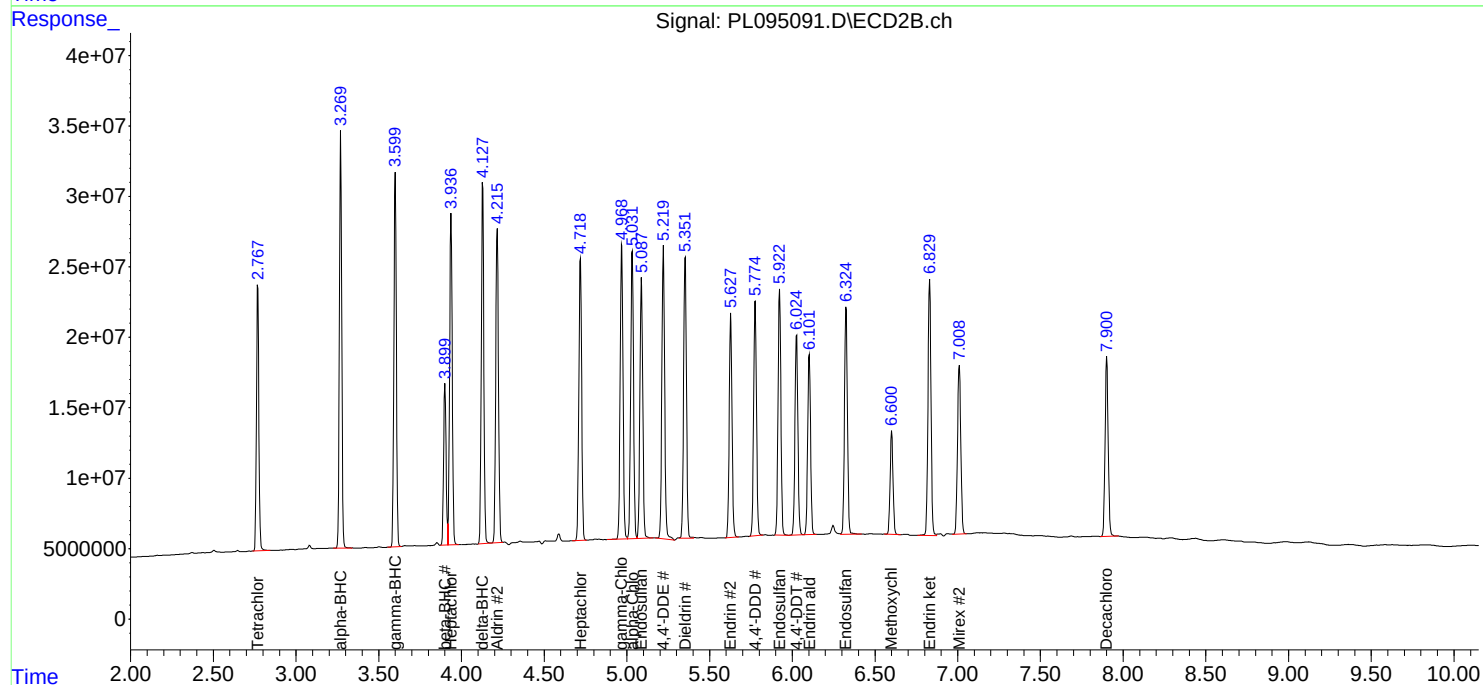
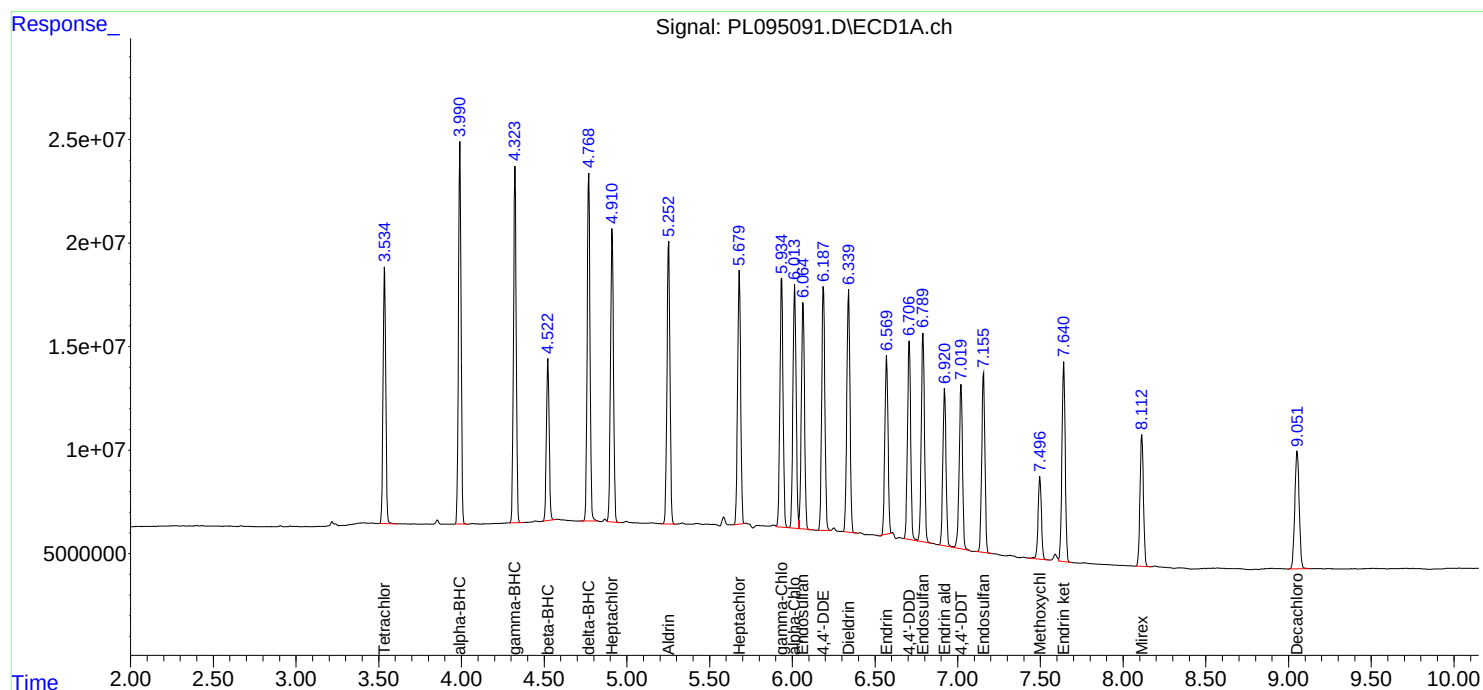
Instrument :
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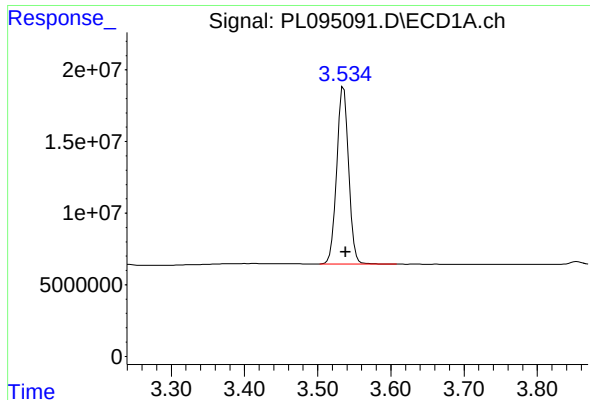
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:25:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





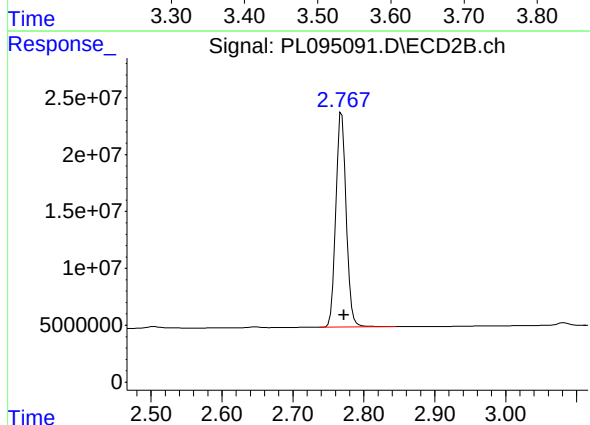
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 139914925
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

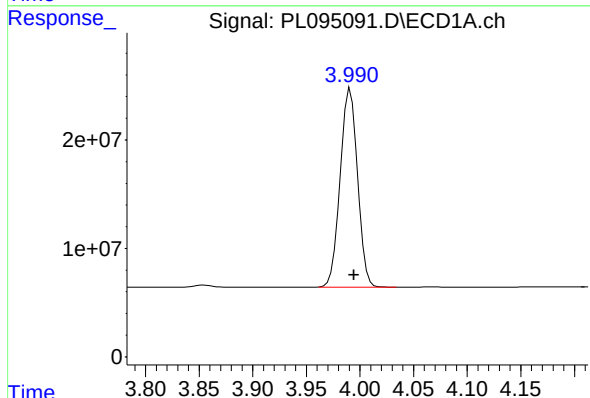
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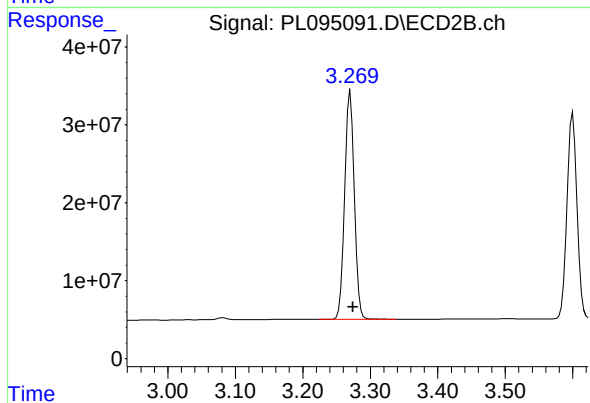
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 192150806
Conc: 53.83 ng/ml



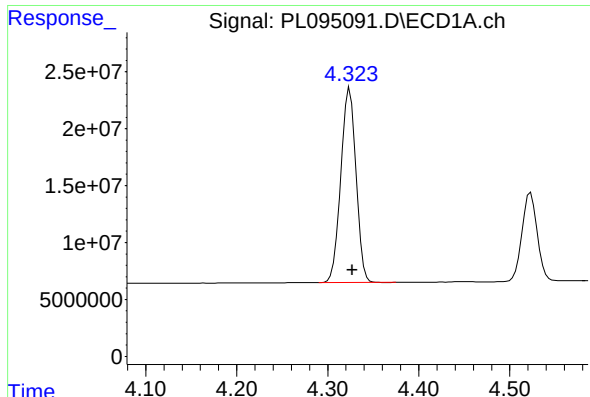
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 206216025
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 292379377
Conc: 54.23 ng/ml



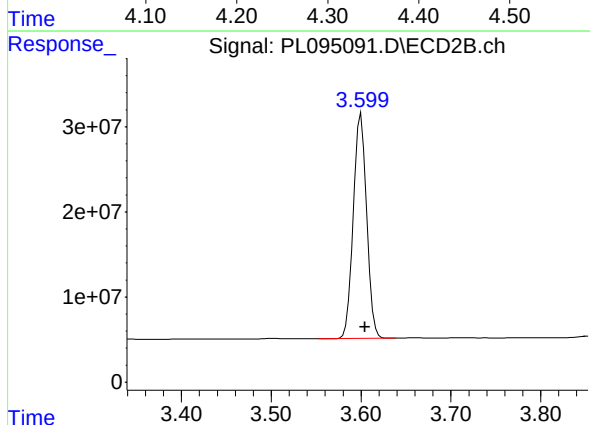
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 198337325
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

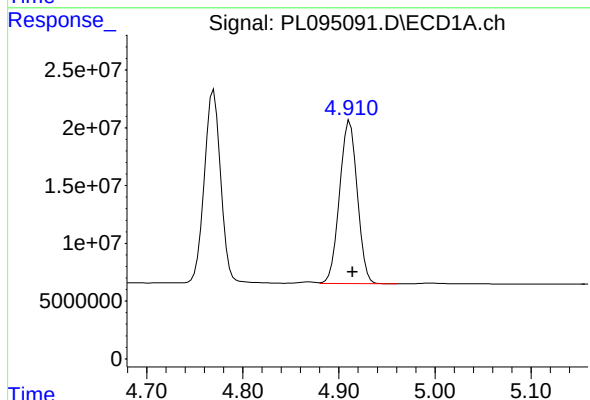
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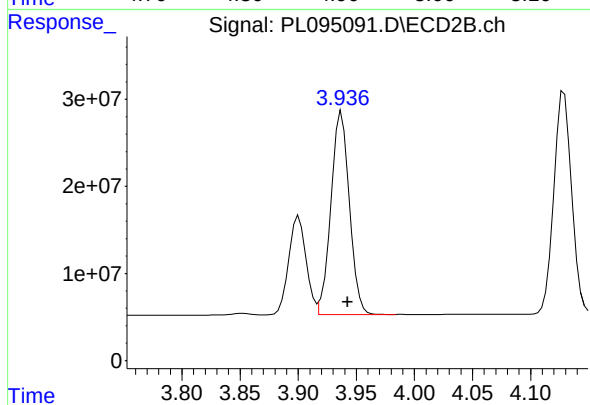
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 272472860
Conc: 53.02 ng/ml



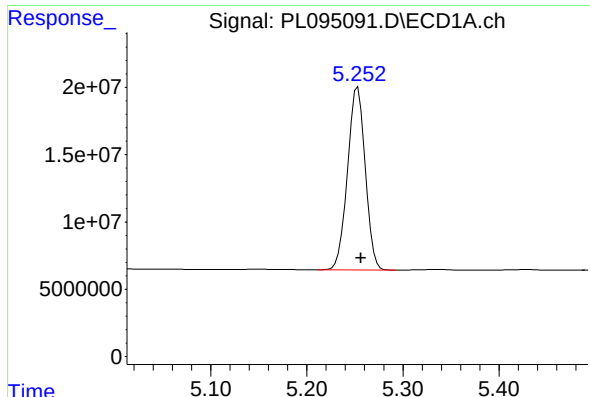
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 178491453
Conc: 45.98 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 258895658
Conc: 49.14 ng/ml



#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 173572289
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#5 Aldrin

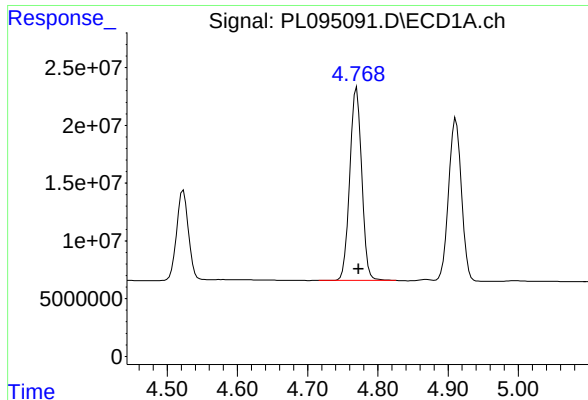
R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 254341016
Conc: 52.16 ng/ml

#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 90514810
Conc: 49.05 ng/ml

#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 118802872
Conc: 53.48 ng/ml



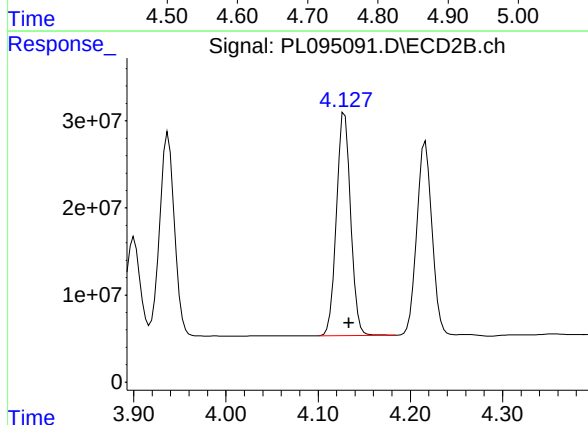
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 197629872
Conc: 50.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

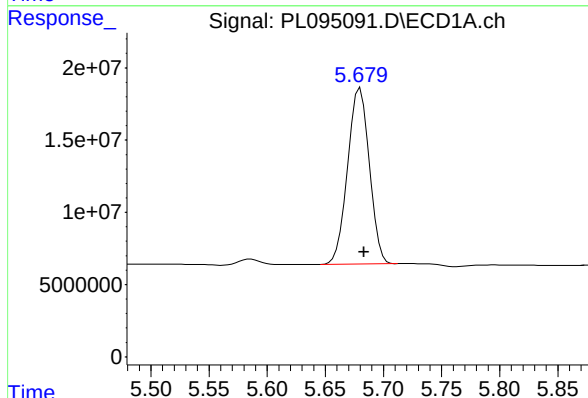
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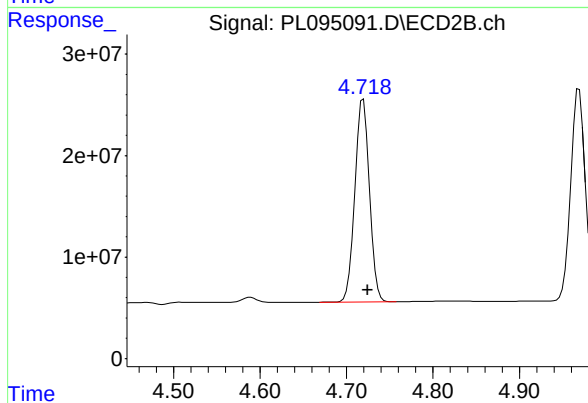
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 273229764
Conc: 54.62 ng/ml



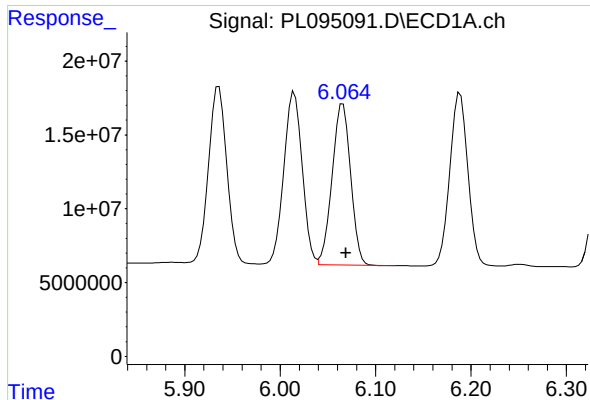
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 158232550
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 234098752
Conc: 51.13 ng/ml



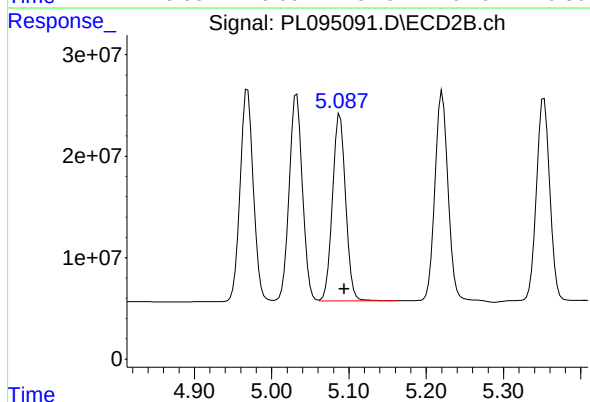
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 146332612
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

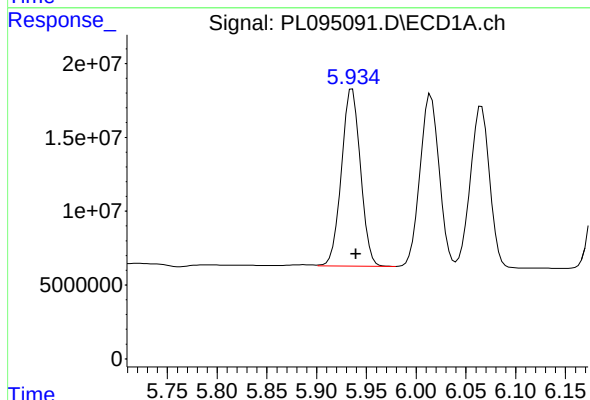
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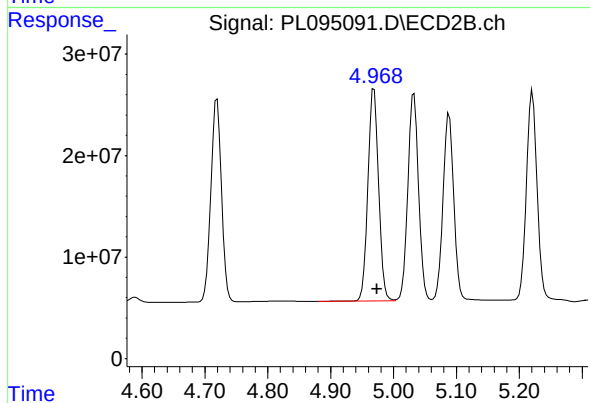
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 219527603
Conc: 50.02 ng/ml



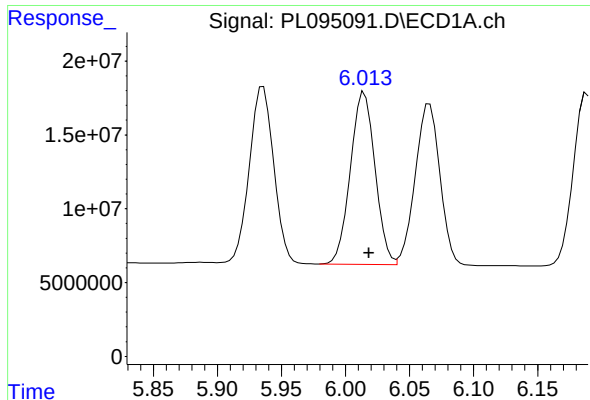
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 159757805
Conc: 47.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 247214856
Conc: 51.20 ng/ml



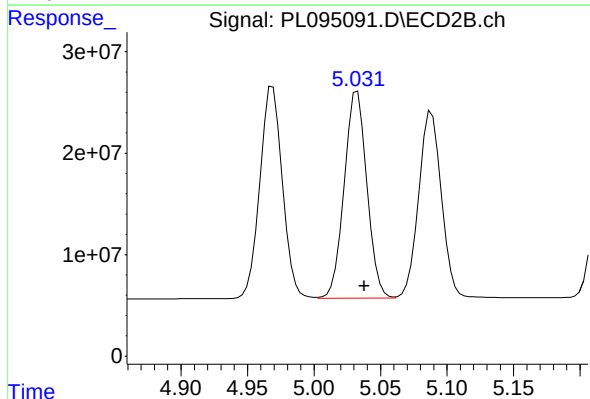
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 156627169
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

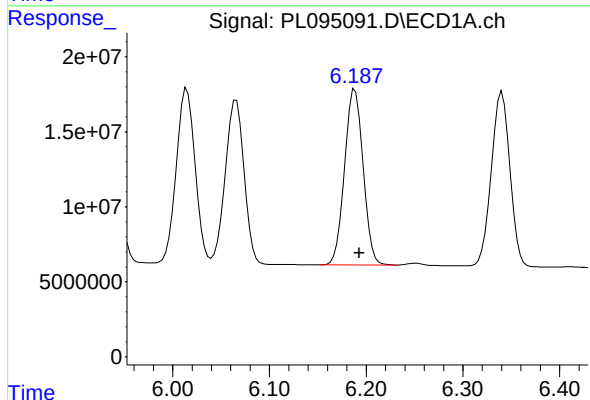
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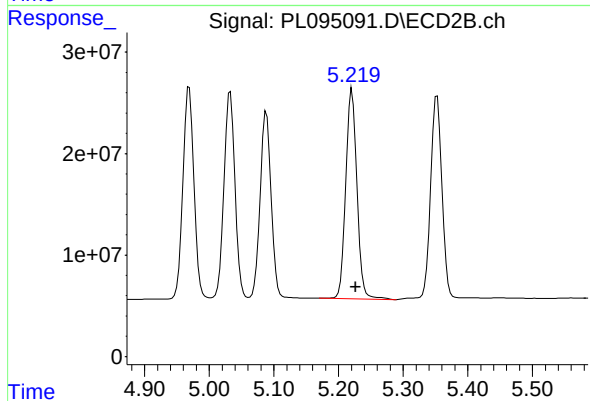
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 242430016
Conc: 50.79 ng/ml



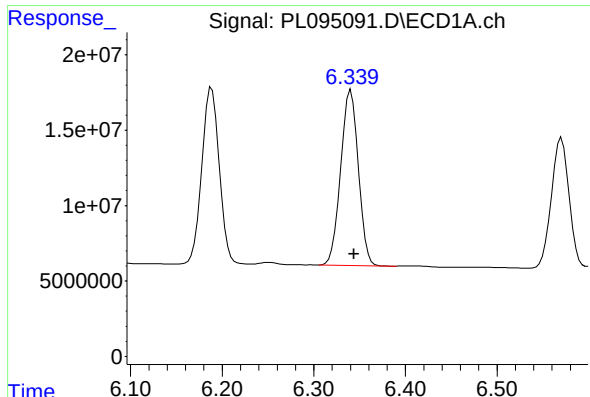
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 155558292
Conc: 52.87 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 249124854
Conc: 53.59 ng/ml



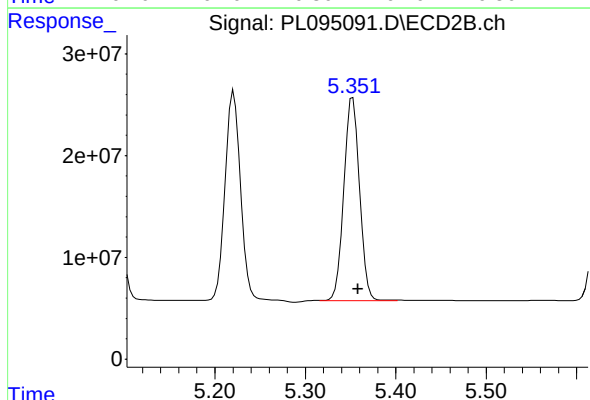
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 156137699
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

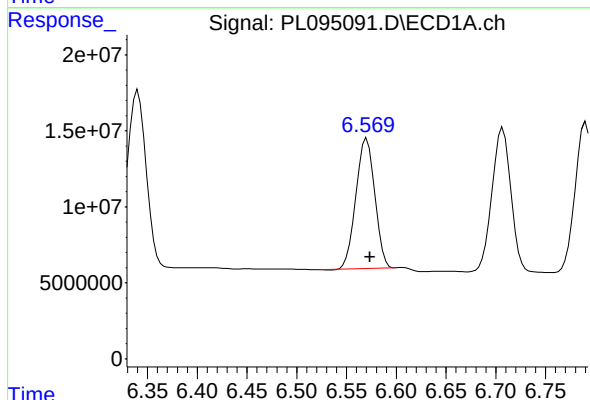
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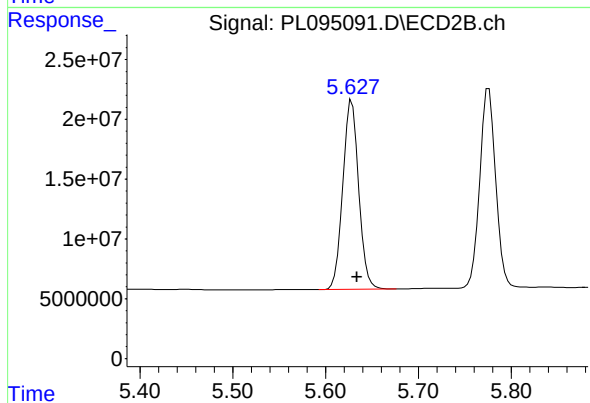
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 241944624
Conc: 49.87 ng/ml



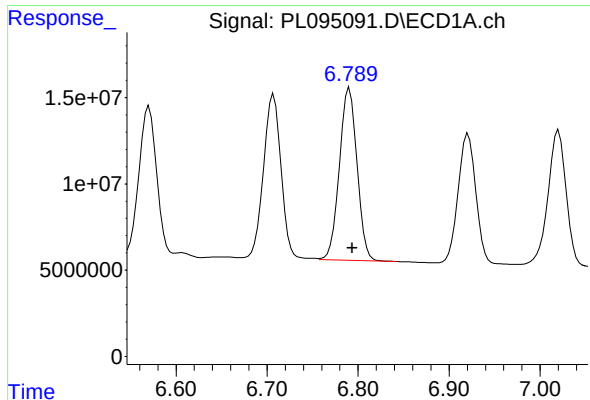
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 112950670
Conc: 40.75 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 188089458
Conc: 43.10 ng/ml



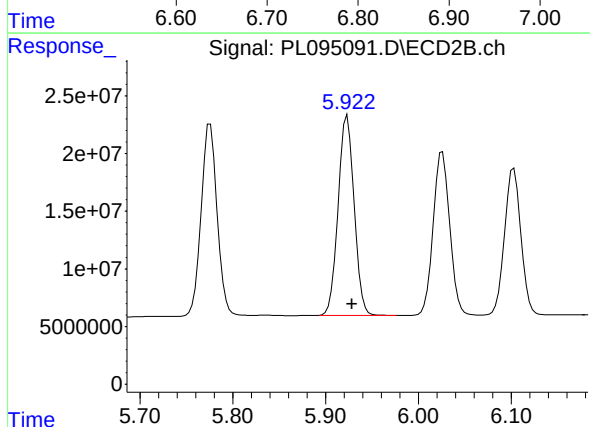
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 134553470
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

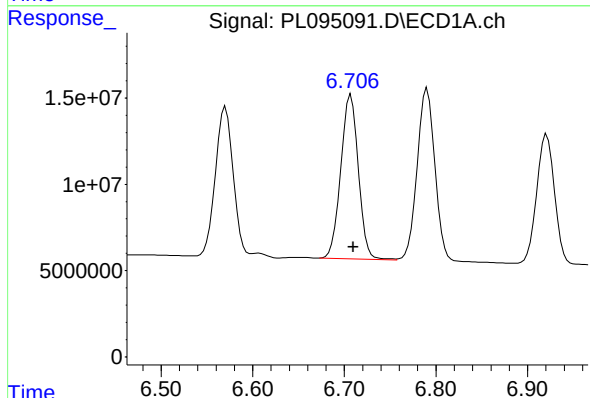
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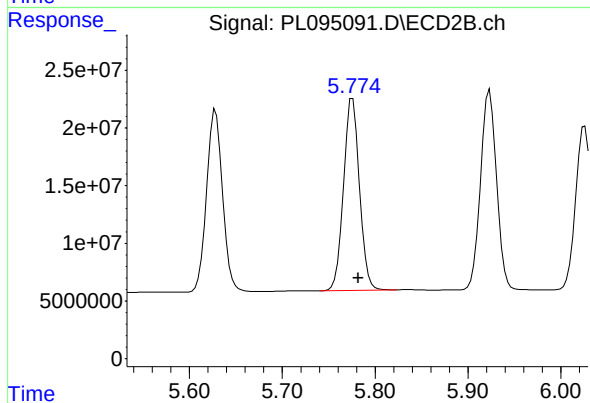
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 208261435
Conc: 48.12 ng/ml



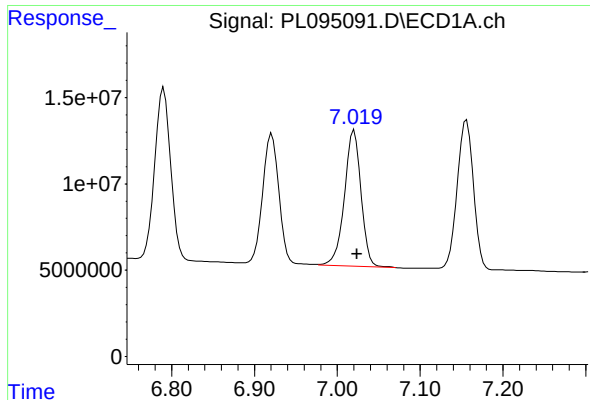
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 127446515
Conc: 58.84 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 198803576
Conc: 55.29 ng/ml



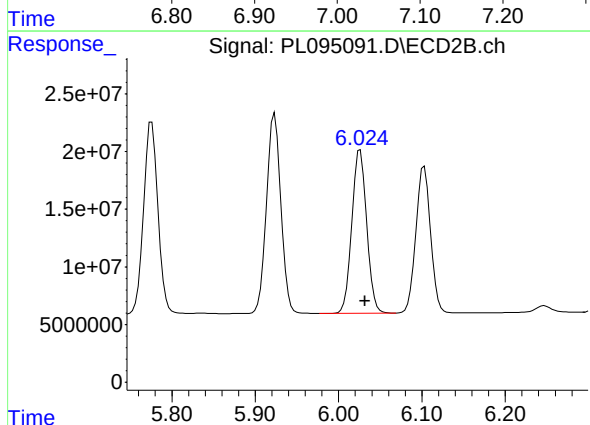
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 109617324
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

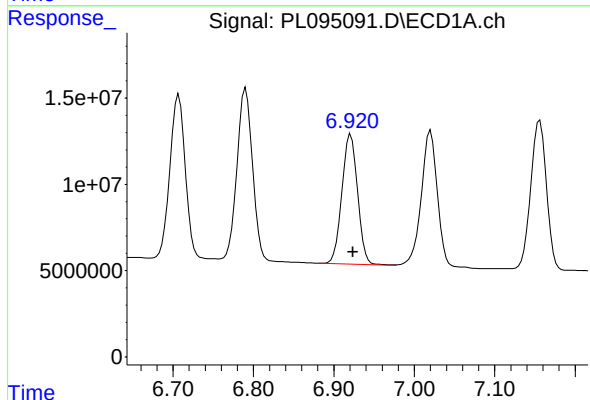
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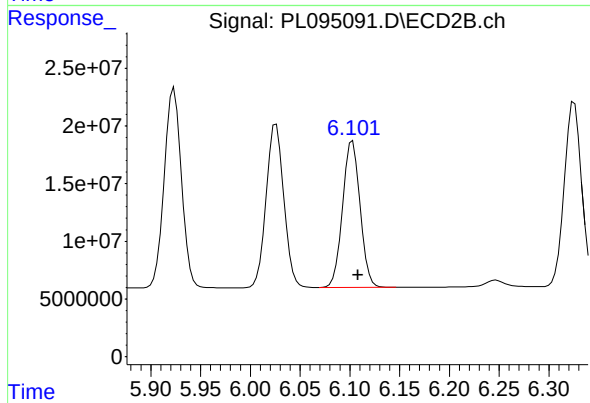
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 175245765
Conc: 43.46 ng/ml



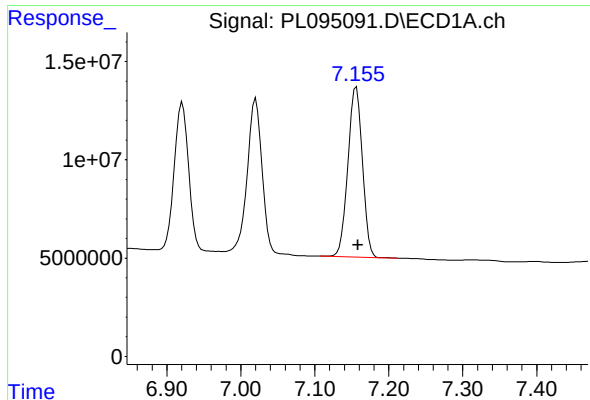
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 102296323
Conc: 48.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 155950199
Conc: 46.34 ng/ml



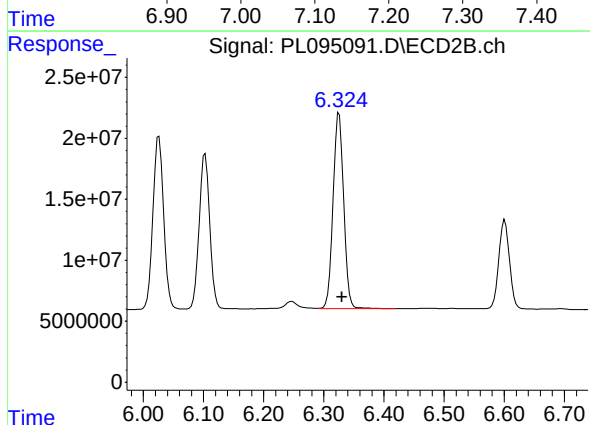
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 117679426
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

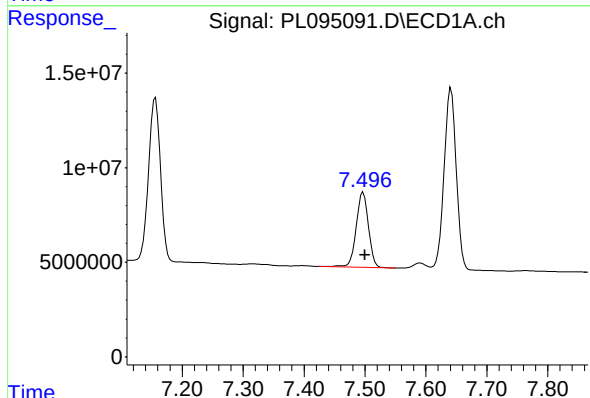
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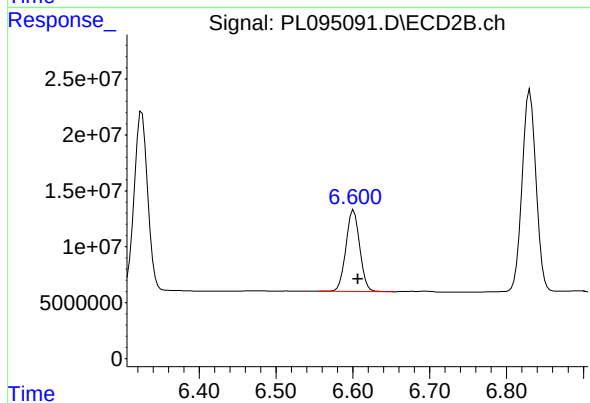
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 197952120
Conc: 48.60 ng/ml



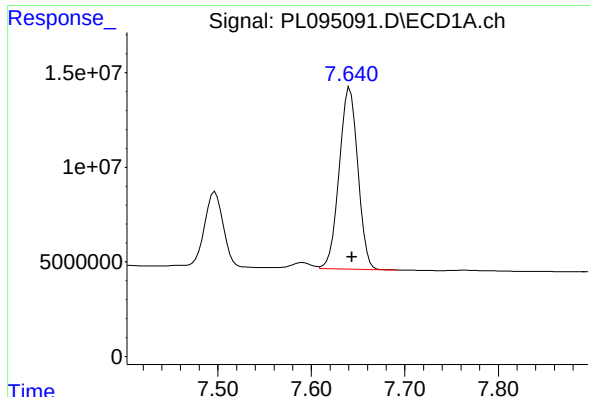
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 55595183
Conc: 46.44 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 90127523
Conc: 42.49 ng/ml



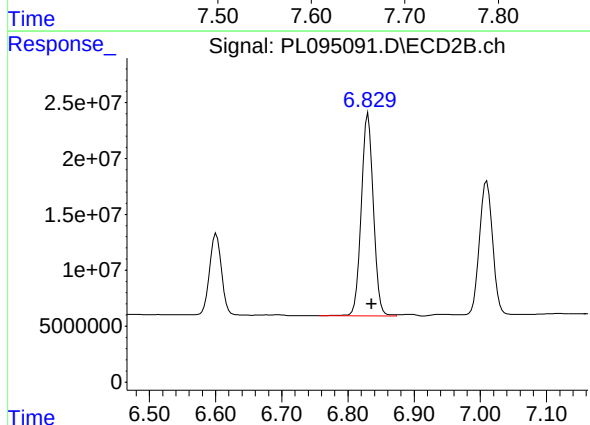
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 133028440
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

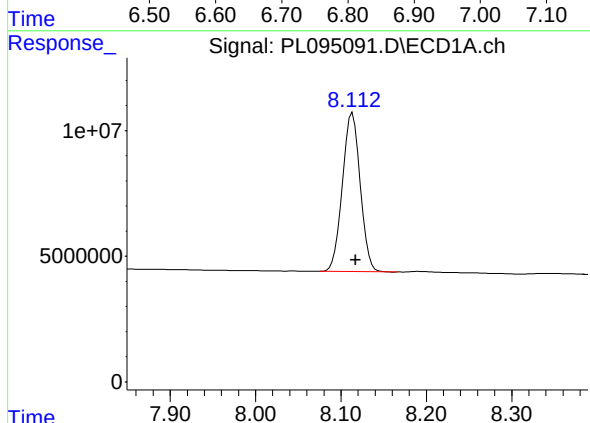
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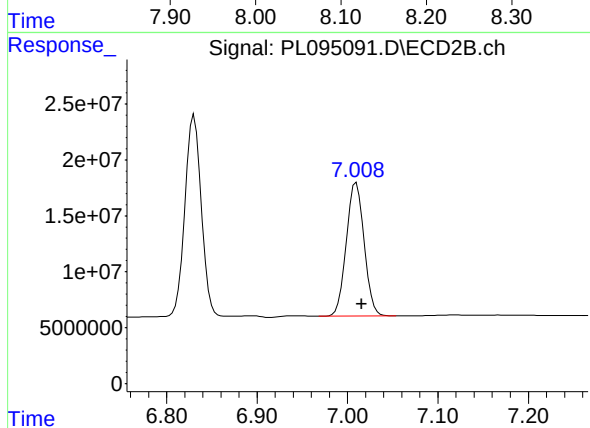
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 230186791
Conc: 48.23 ng/ml



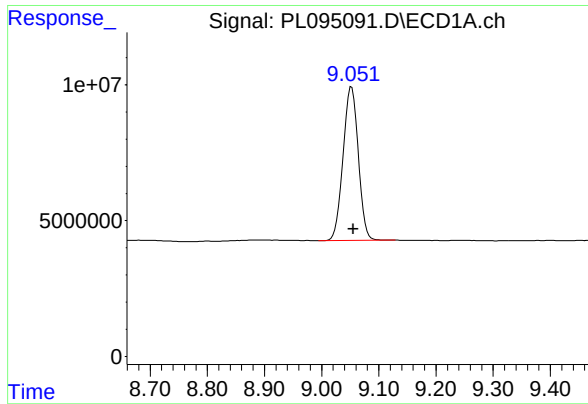
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 91575010
Conc: 44.32 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 164066431
Conc: 43.23 ng/ml m



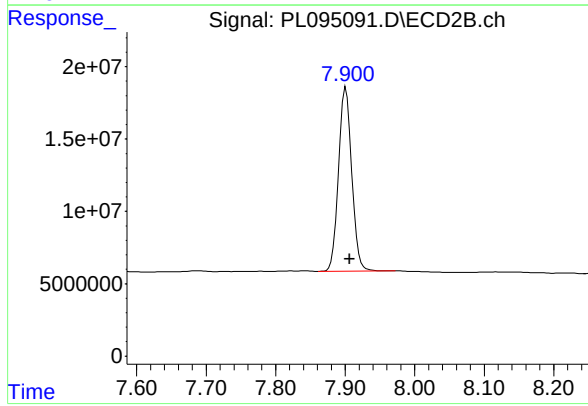
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 105099740
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2025
Supervised By :mohammad ahmed 04/09/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 167466105
Conc: 41.46 ng/ml