

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 08:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:23:09 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	133.7E6	184.7E6	47.229	51.760
28)	SA Decachlor...	9.049	7.899	107.0E6	199.1E6	50.796	49.289
Target Compounds							
2)	A alpha-BHC	3.991	3.271	194.3E6	282.8E6	46.789	52.458
3)	MA gamma-BHC...	4.323	3.600	187.0E6	267.1E6	46.873	51.970
4)	MA Heptachlor	4.911	3.937	174.9E6	259.8E6	45.050	49.314
5)	MB Aldrin	5.252	4.216	167.5E6	243.7E6	45.373	49.981
6)	B beta-BHC	4.523	3.900	85729976	116.4E6	46.461	52.412
7)	B delta-BHC	4.769	4.129	185.5E6	263.5E6	47.637	52.682
8)	B Heptachlo...	5.679	4.717	152.7E6	225.9E6	45.658	49.340m
9)	A Endosulfan I	6.065	5.086	143.2E6	203.1E6	46.628	46.289m
10)	B gamma-Chl...	5.935	4.968	156.0E6	241.6E6	46.304	50.027
11)	B alpha-Chl...	6.014	5.032	153.5E6	239.5E6	46.548	50.174
12)	B 4,4'-DDE	6.188	5.219	150.1E6	237.9E6	51.034	51.171m
13)	MA Dieldrin	6.339	5.350	150.3E6	239.1E6	46.993	49.276m
14)	MA Endrin	6.568	5.626	126.8E6	215.0E6	45.760m	49.268m
15)	B Endosulfa...	6.790	5.921	130.6E6	212.7E6	48.118	49.144m
16)	A 4,4'-DDD	6.705	5.775	117.6E6	192.4E6	54.313	53.495
17)	MA 4,4'-DDT	7.019	6.024	120.6E6	203.4E6	50.710	50.449
18)	B Endrin al...	6.919	6.101	99603103	158.6E6	47.183	47.129
19)	B Endosulfa...	7.154	6.324	118.0E6	199.8E6	48.506	49.048
20)	A Methoxychlor	7.496	6.599	64342499	106.5E6	53.750	50.193
21)	B Endrin ke...	7.639	6.828	128.2E6	240.5E6	48.508	50.397m
22)	Mirex	8.111	7.008	94808633	181.2E6	45.884	47.754

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 08:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

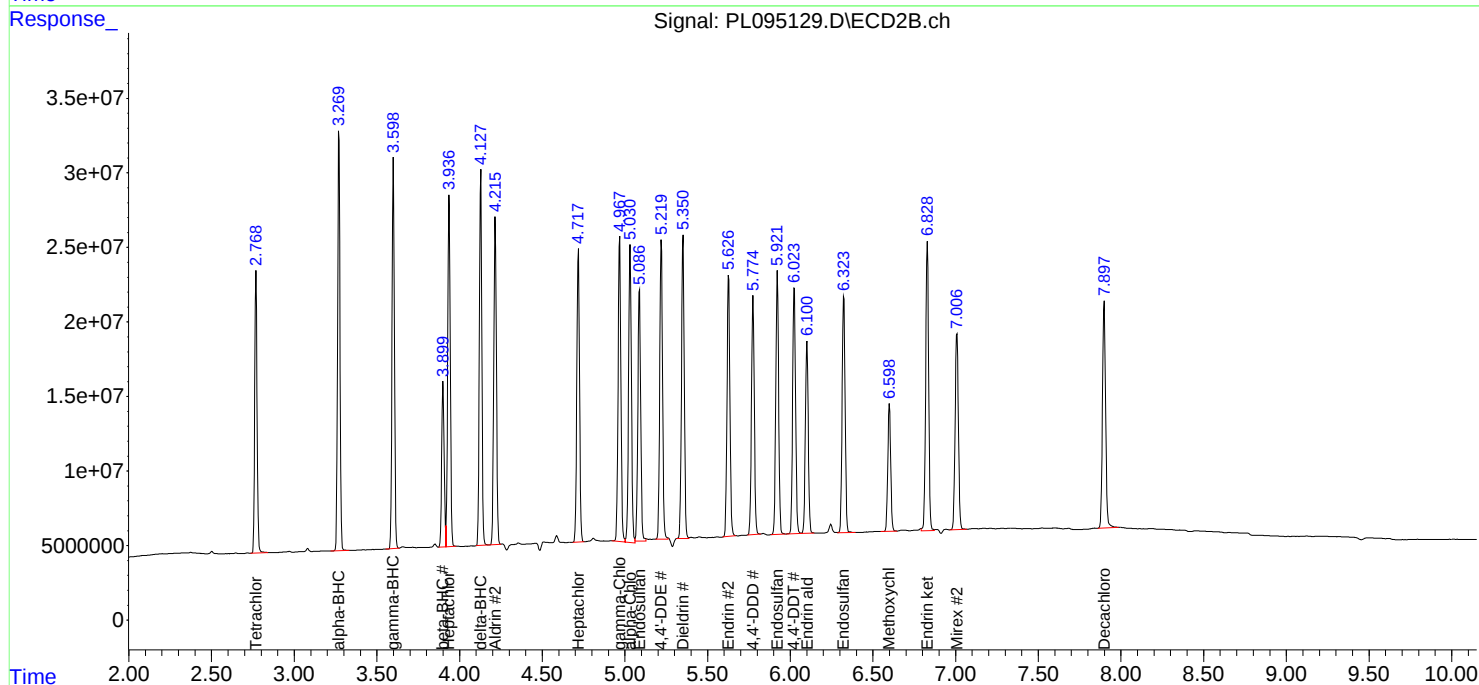
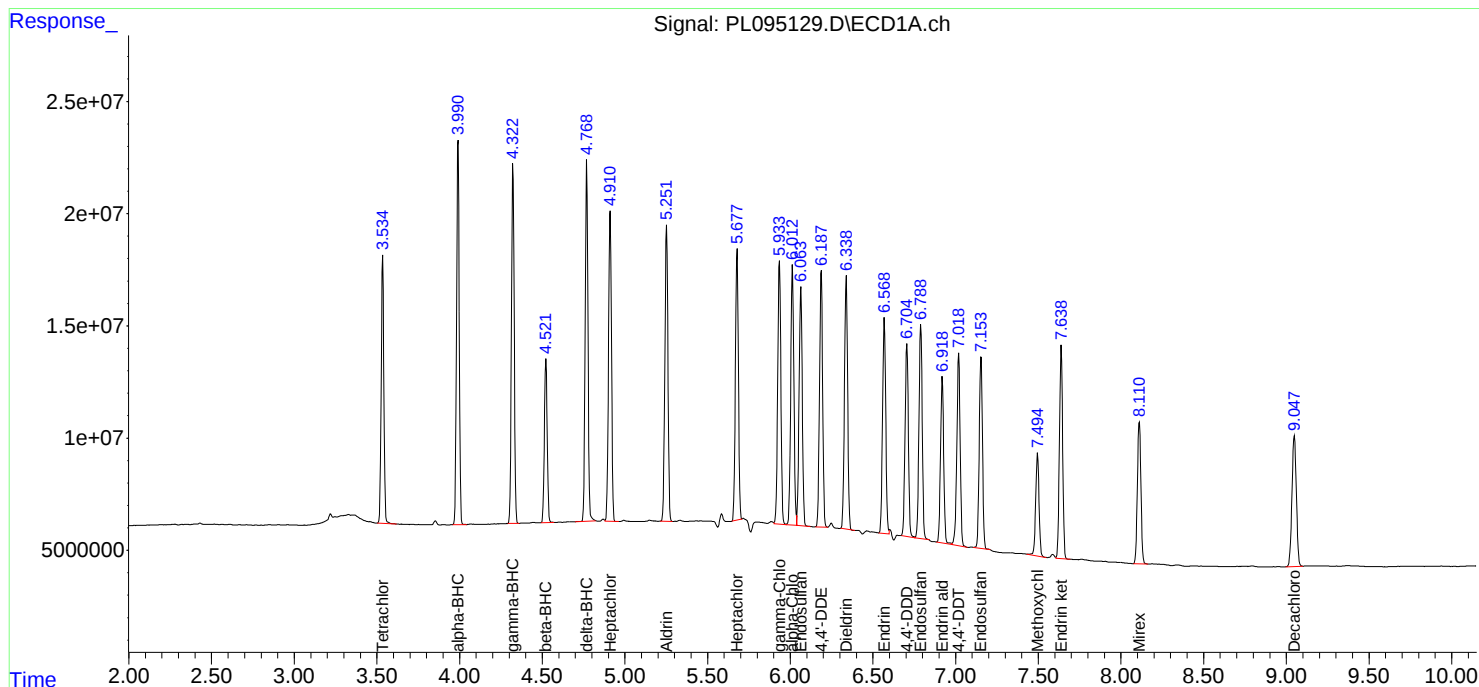
APPROVED

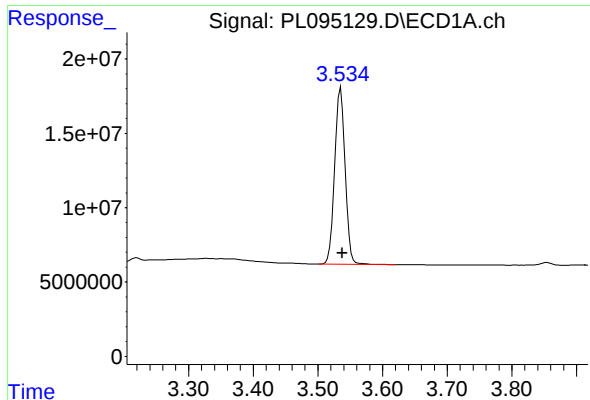
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:23:09 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





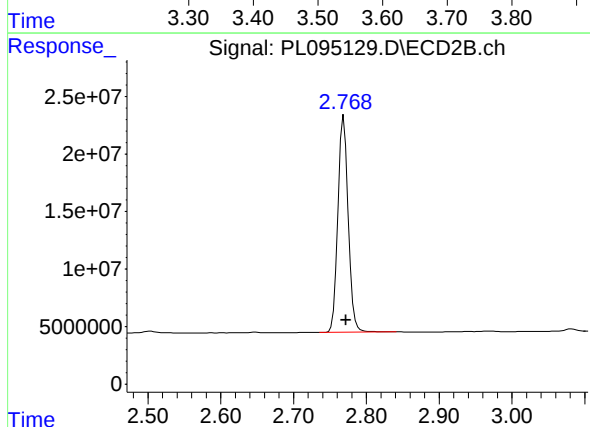
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 133690319
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

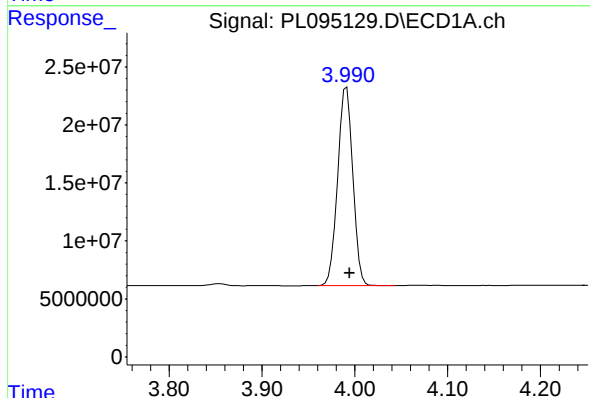
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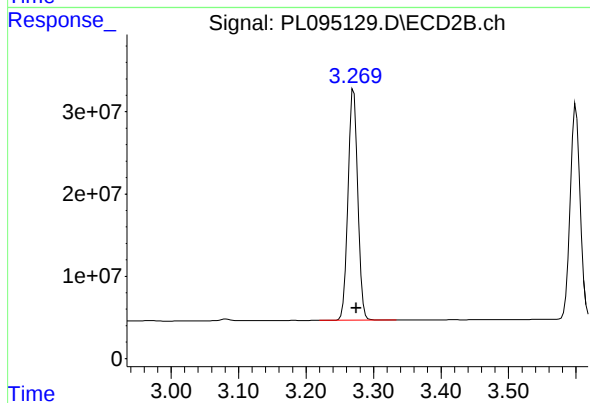
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 184744953
Conc: 51.76 ng/ml



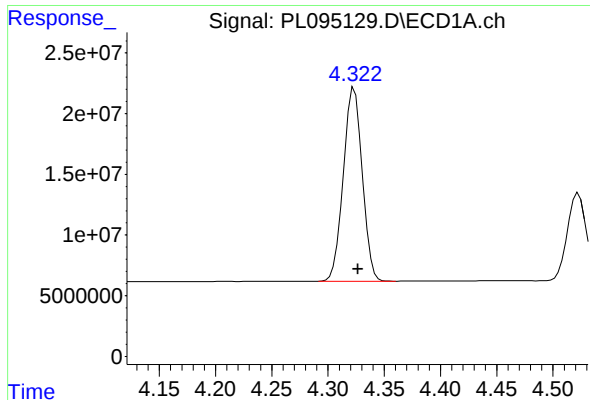
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 194282339
Conc: 46.79 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 282821699
Conc: 52.46 ng/ml



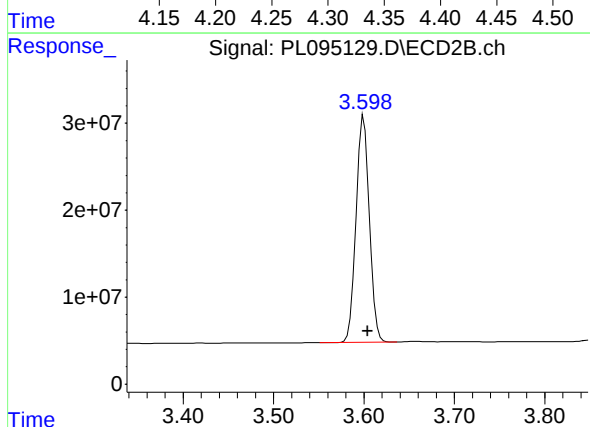
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 187036438
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

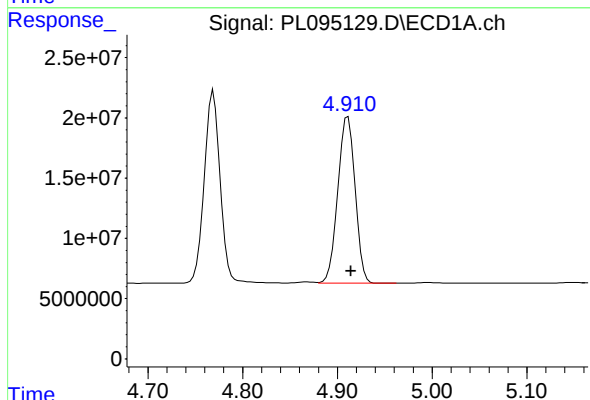
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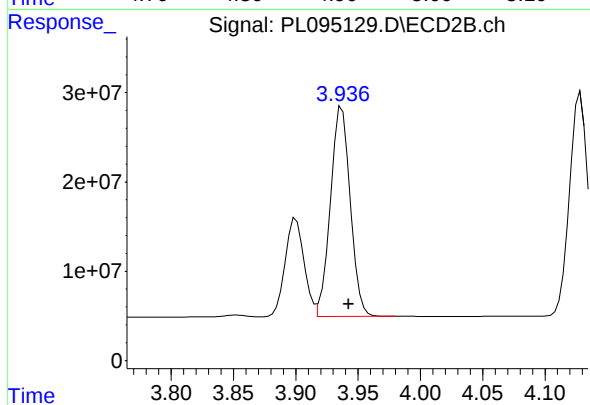
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 267096700
Conc: 51.97 ng/ml



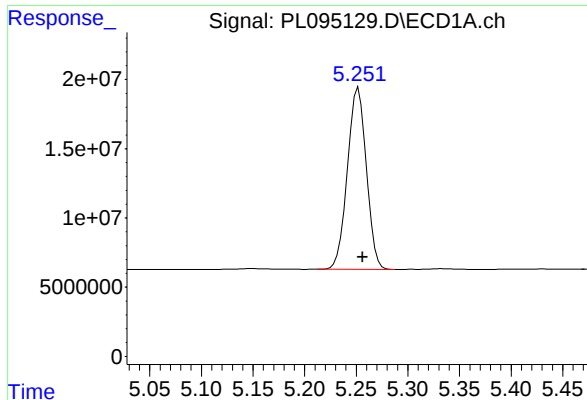
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 174865744
Conc: 45.05 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 259818251
Conc: 49.31 ng/ml



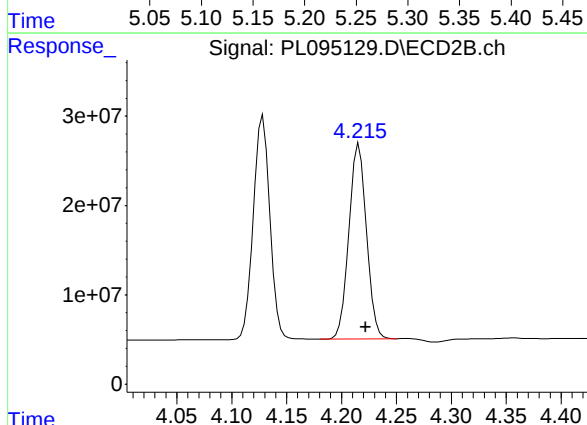
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 167525316
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

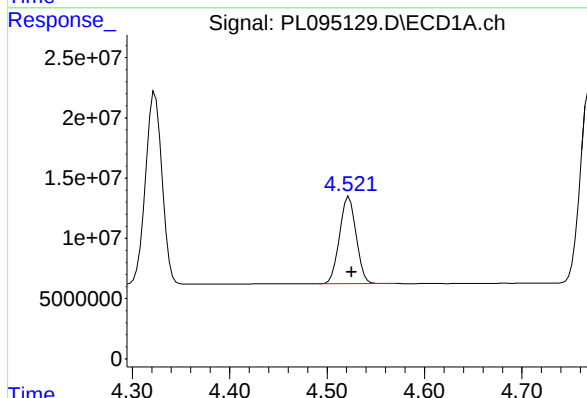
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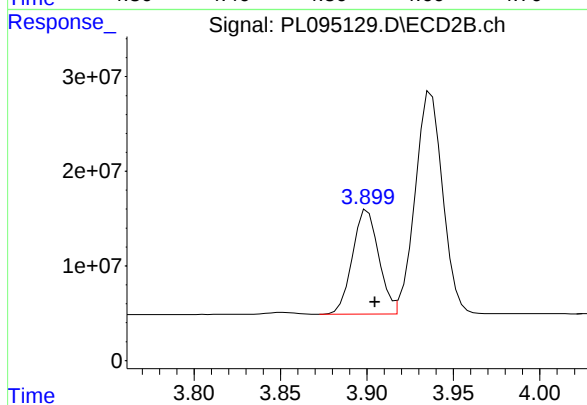
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 243727026
Conc: 49.98 ng/ml



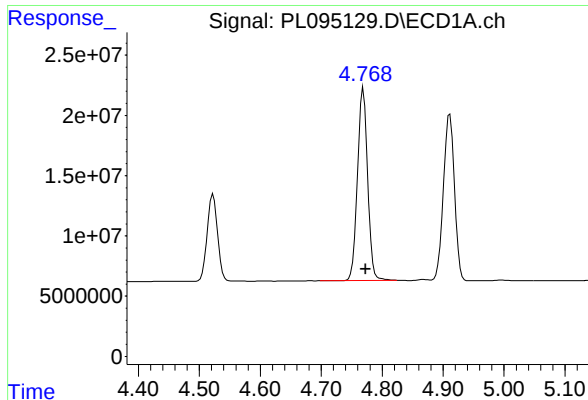
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 85729976
Conc: 46.46 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 116422698
Conc: 52.41 ng/ml



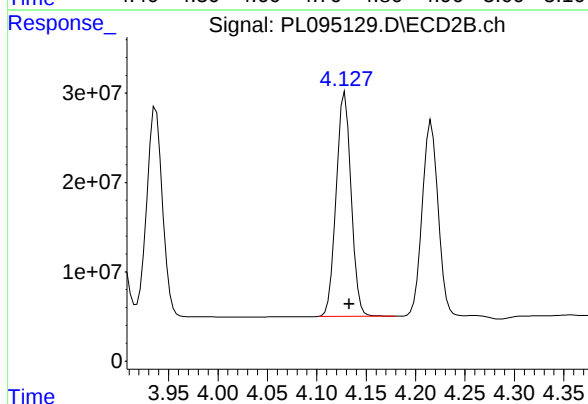
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 185511825
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

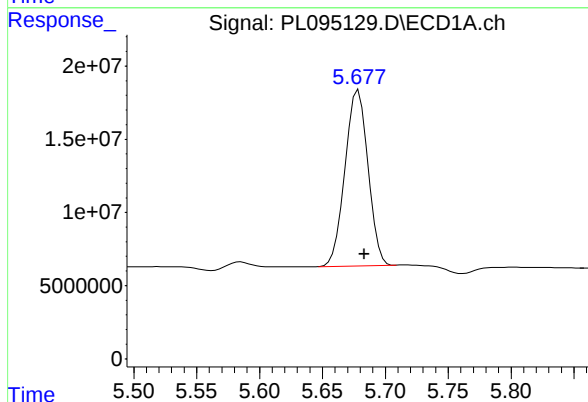
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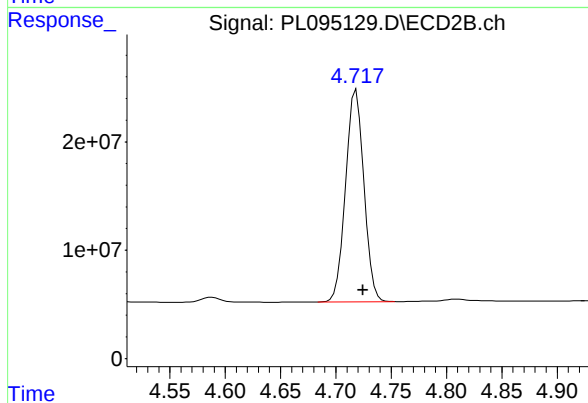
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 263515366
Conc: 52.68 ng/ml



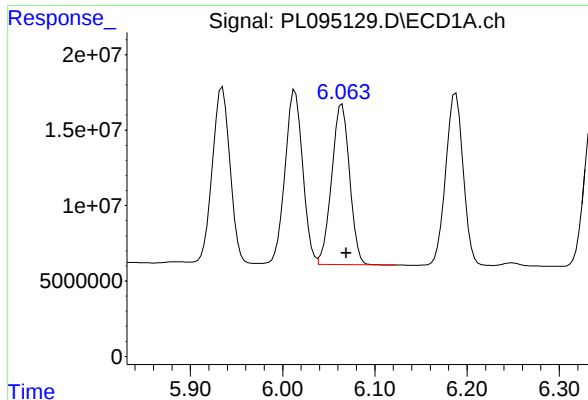
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 152735761
Conc: 45.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 225905217
Conc: 49.34 ng/ml m



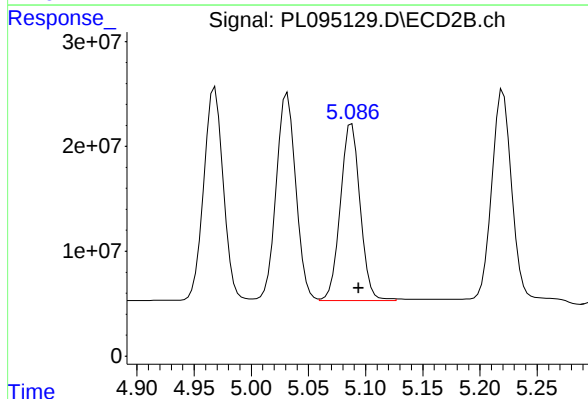
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.005 min
Response: 143157330
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

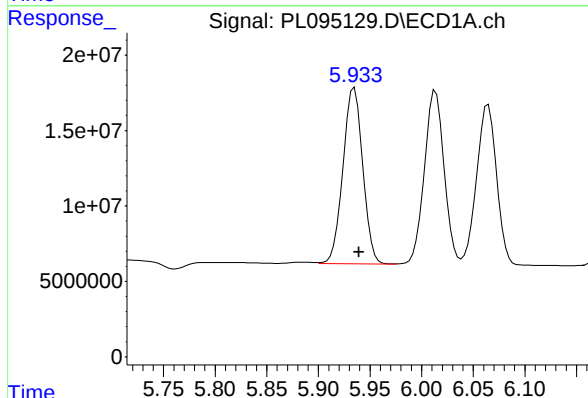
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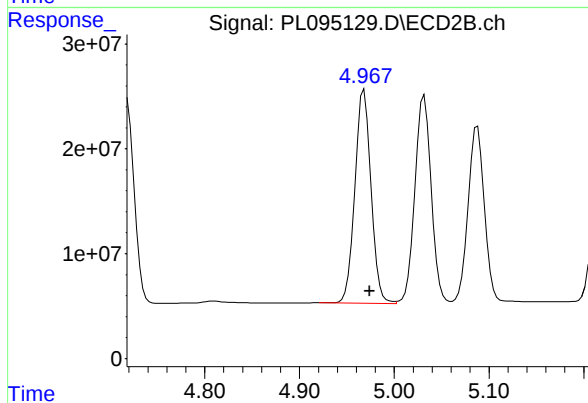
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 203148100
Conc: 46.29 ng/ml



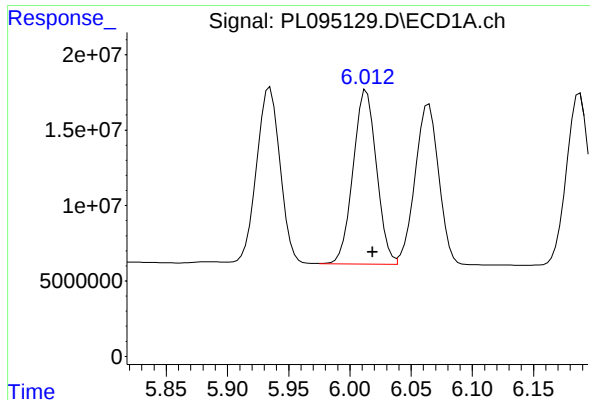
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 156013820
Conc: 46.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 241550693
Conc: 50.03 ng/ml



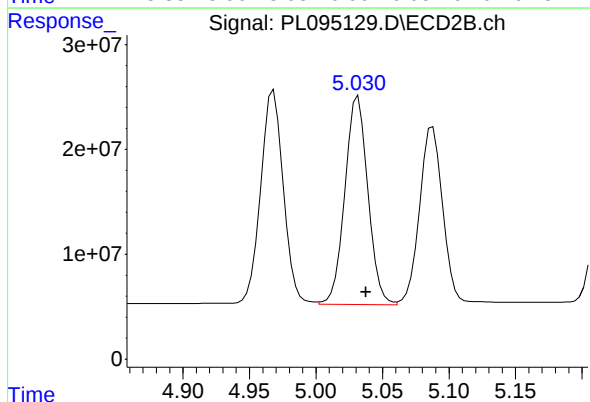
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 153460302
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

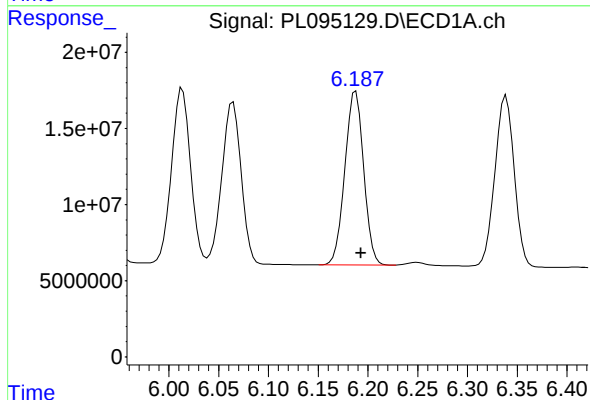
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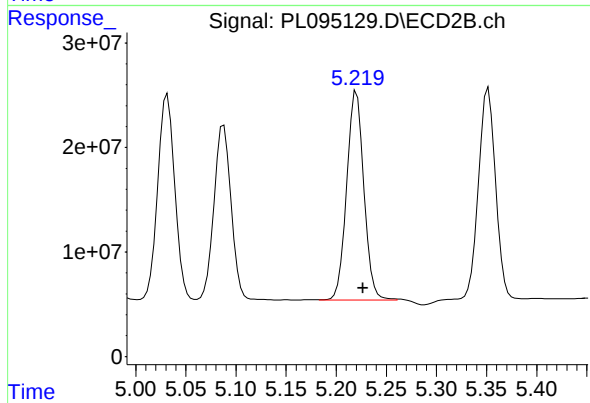
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 239468377
Conc: 50.17 ng/ml



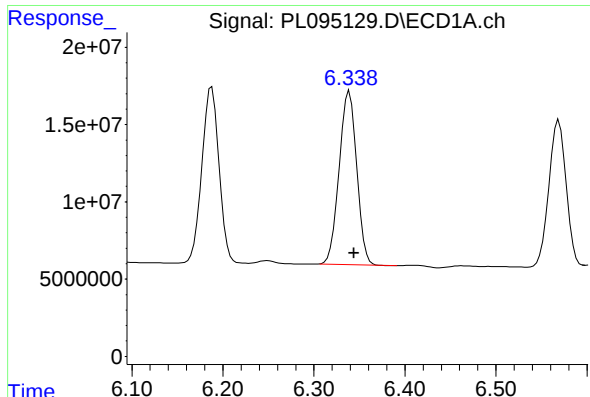
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 150146113
Conc: 51.03 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 237868252
Conc: 51.17 ng/ml m



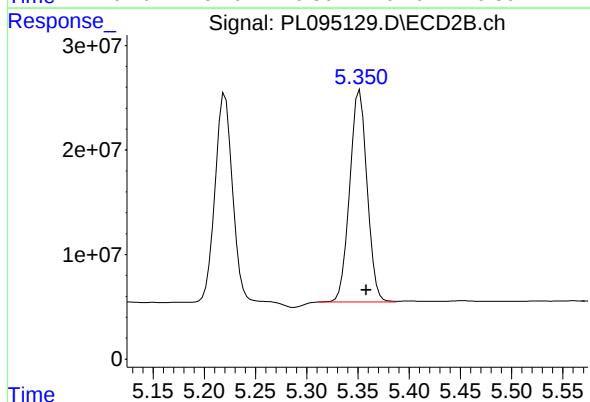
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 150290345
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

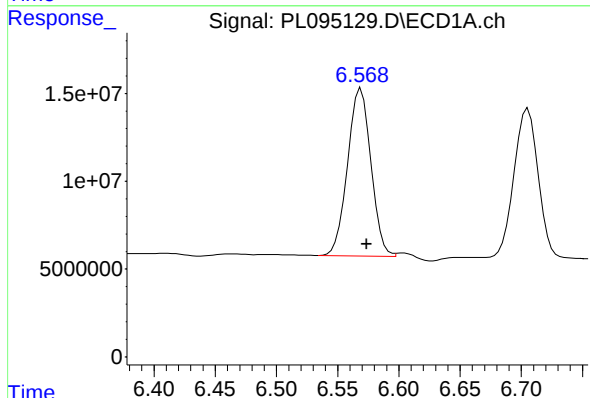
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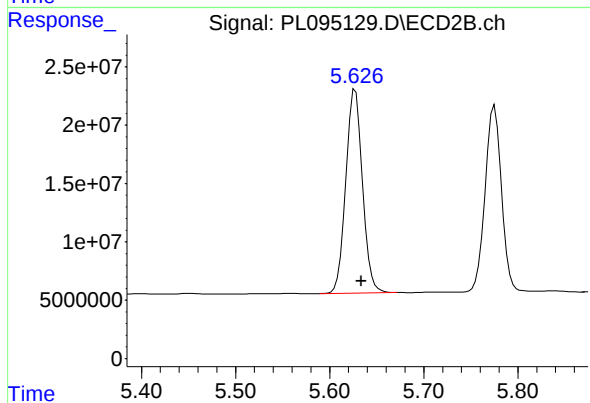
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 239079861
Conc: 49.28 ng/ml



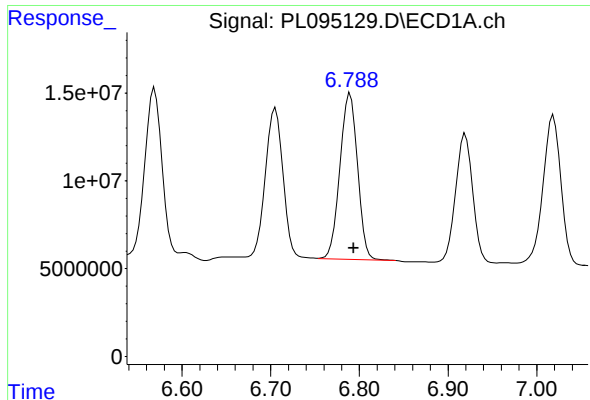
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 126849970
Conc: 45.76 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 214989209
Conc: 49.27 ng/ml



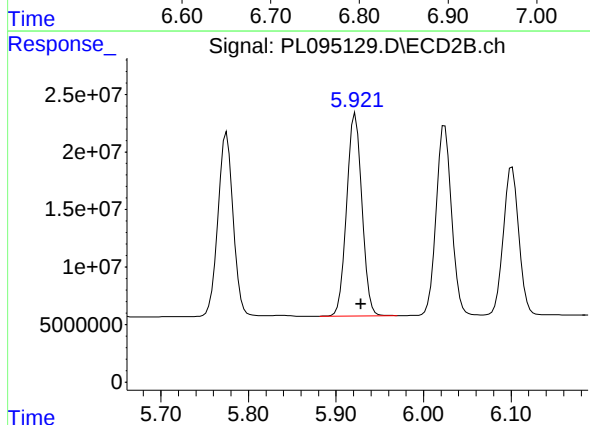
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 130627896
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

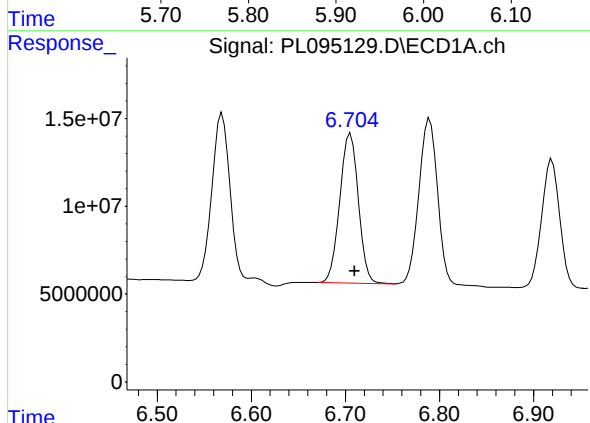
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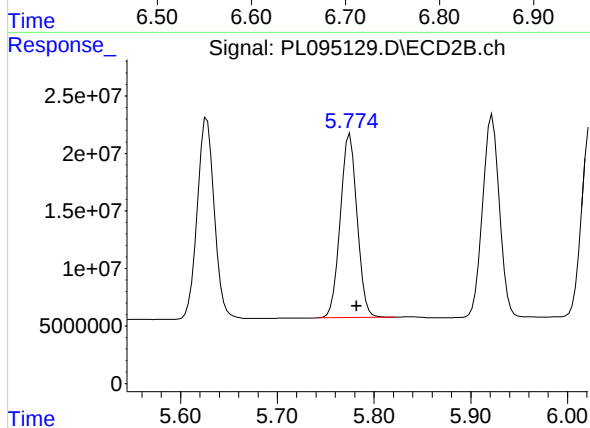
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 212705921
Conc: 49.14 ng/ml m



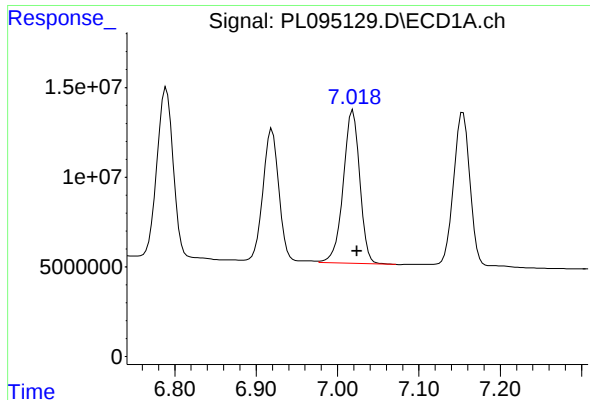
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 117646329
Conc: 54.31 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 192362516
Conc: 53.50 ng/ml



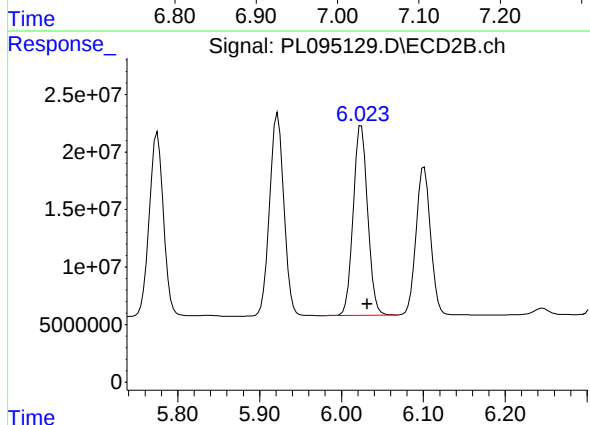
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 120615572
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

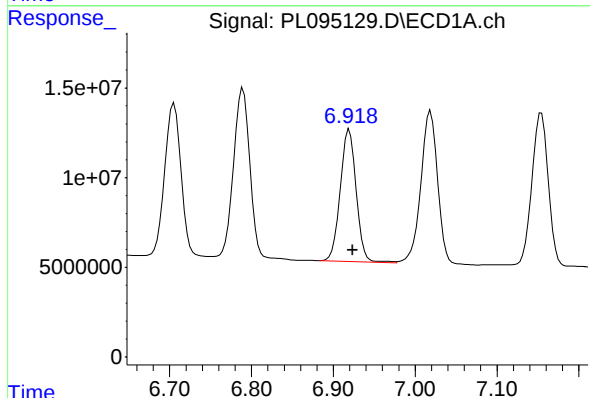
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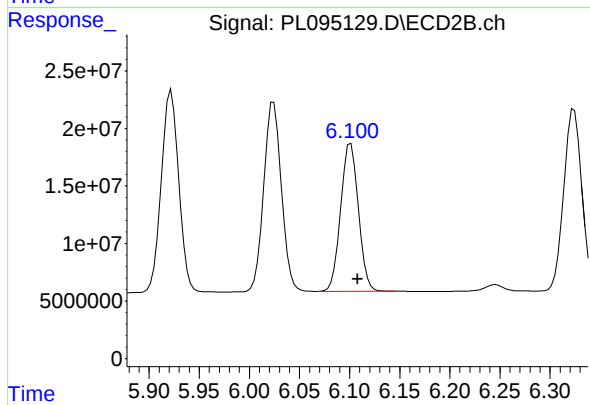
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 203416563
Conc: 50.45 ng/ml



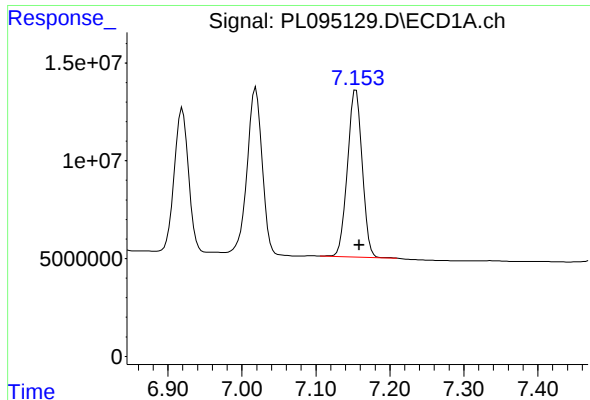
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 99603103
Conc: 47.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 158606097
Conc: 47.13 ng/ml



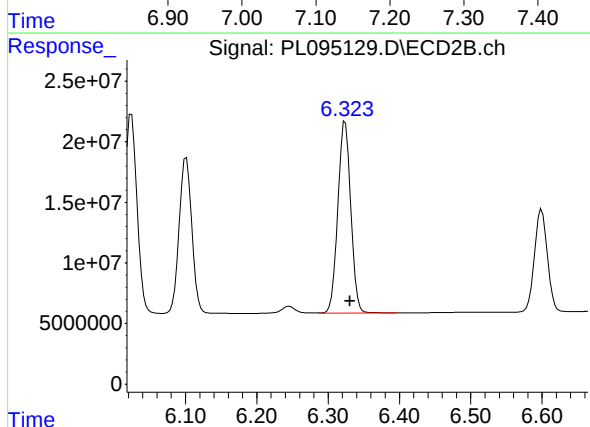
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 117967280
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

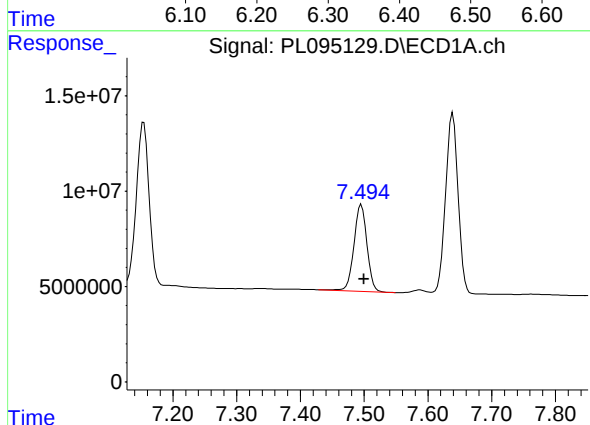
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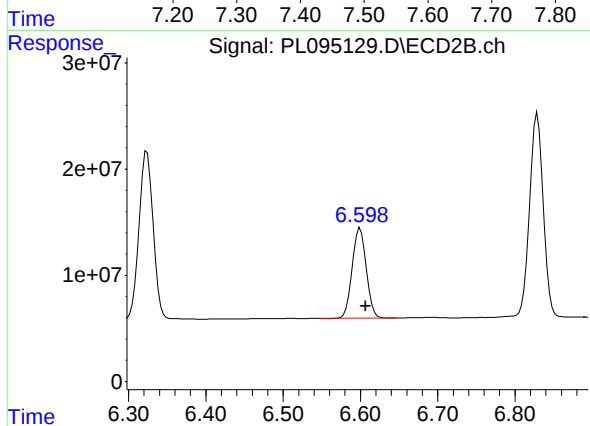
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 199795240
Conc: 49.05 ng/ml



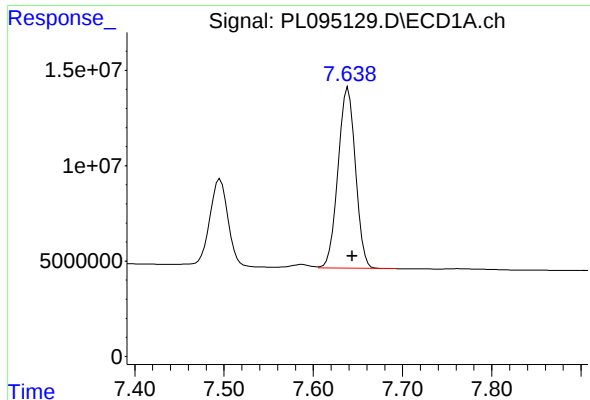
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 64342499
Conc: 53.75 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.007 min
Response: 106463629
Conc: 50.19 ng/ml



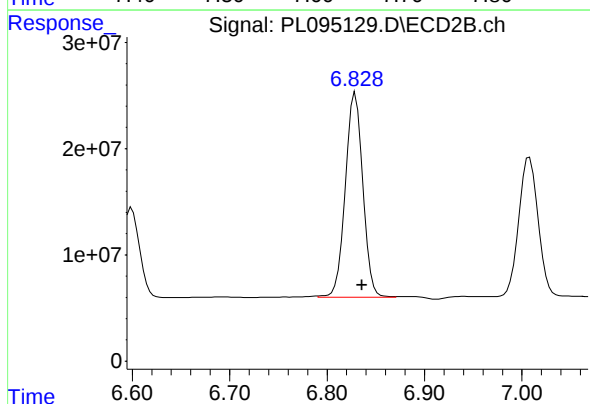
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 128218595
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

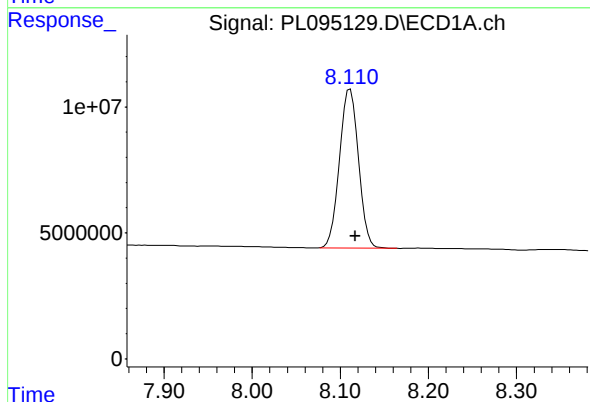
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



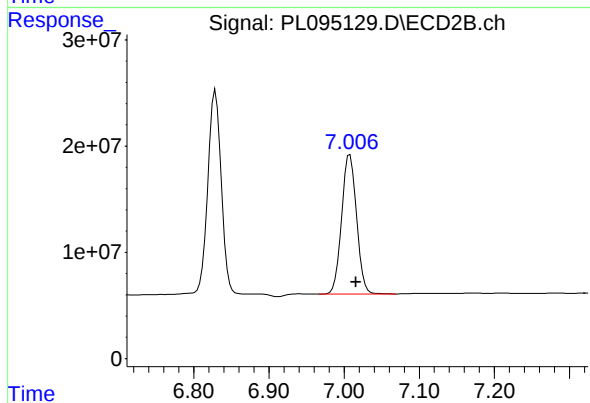
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 240525410
Conc: 50.40 ng/ml m



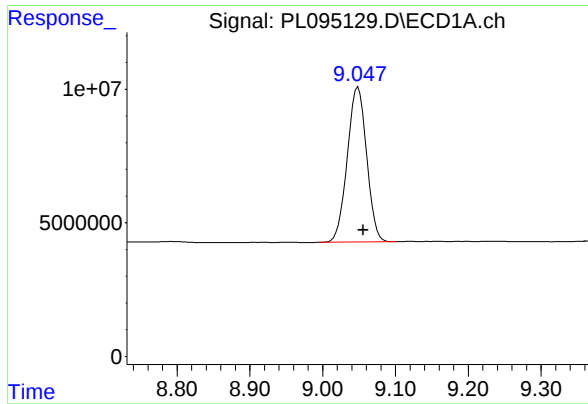
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 94808633
Conc: 45.88 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 181240481
Conc: 47.75 ng/ml



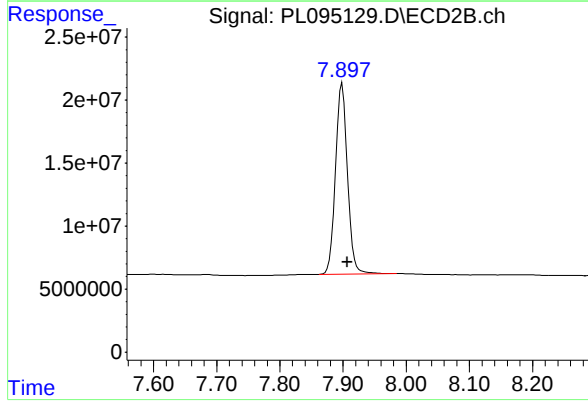
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 107049826
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 199095175
Conc: 49.29 ng/ml