

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
 Data File : PD087795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 14:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 00:07:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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 x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.555	2.881	102.3E6	625.7E6	51.328	52.025
28)	SA Decachlor...	9.084	8.082	147.4E6	699.2E6	48.335	49.477
Target Compounds							
2)	A alpha-BHC	4.005	3.395	216.4E6	979.1E6	53.765	52.379
3)	MA gamma-BHC...	4.335	3.732	220.3E6	914.8E6	55.369m	51.523
4)	MA Heptachlor	4.937	4.087	191.9E6	866.2E6	51.476	50.001
5)	MB Aldrin	5.278	4.373	198.3E6	914.5E6	51.805	52.341
6)	B beta-BHC	4.520	4.028	78845076	385.7E6	49.944	50.577
7)	B delta-BHC	4.769	4.266	215.5E6	942.2E6	53.430	52.065
8)	B Heptachlo...	5.698	4.878	174.1E6	812.0E6	50.942	51.416
9)	A Endosulfan I	6.081	5.251	159.9E6	743.1E6	50.749	49.858m
10)	B gamma-Chl...	5.953	5.131	168.4E6	840.7E6	50.941	51.691
11)	B alpha-Chl...	6.035	5.195	169.2E6	816.7E6	50.804	51.194
12)	B 4,4'-DDE	6.203	5.380	152.4E6	797.8E6	50.509	50.705m
13)	MA Dieldrin	6.355	5.519	172.1E6	829.3E6	50.963	50.906
14)	MA Endrin	6.582	5.794	139.0E6	729.0E6	47.956	48.946m
15)	B Endosulfa...	6.793	6.087	139.2E6	715.3E6	48.473	50.107
16)	A 4,4'-DDD	6.712	5.936	127.7E6	701.7E6	53.066	53.069
17)	MA 4,4'-DDT	7.027	6.191	116.2E6	627.7E6	45.097m	46.633
18)	B Endrin al...	6.922	6.265	113.7E6	582.2E6	49.072	49.941
19)	B Endosulfa...	7.157	6.489	134.8E6	707.0E6	49.161	49.723
20)	A Methoxychlor	7.501	6.761	65821635	352.2E6	44.842	46.090
21)	B Endrin ke...	7.638	6.998	154.0E6	801.6E6	50.089	51.372
22)	Mirex	8.122	7.193	109.7E6	620.0E6	47.340	48.962

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020725\
Data File : PD087795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 14:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

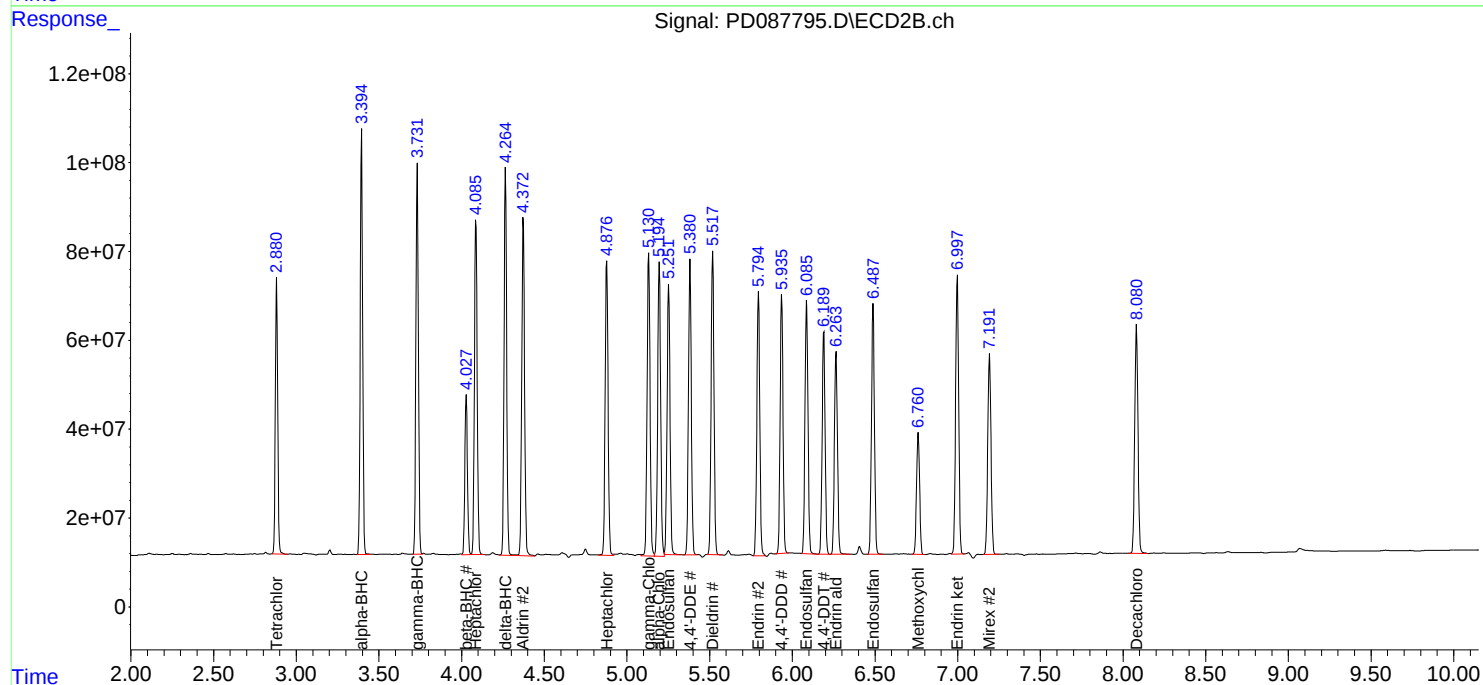
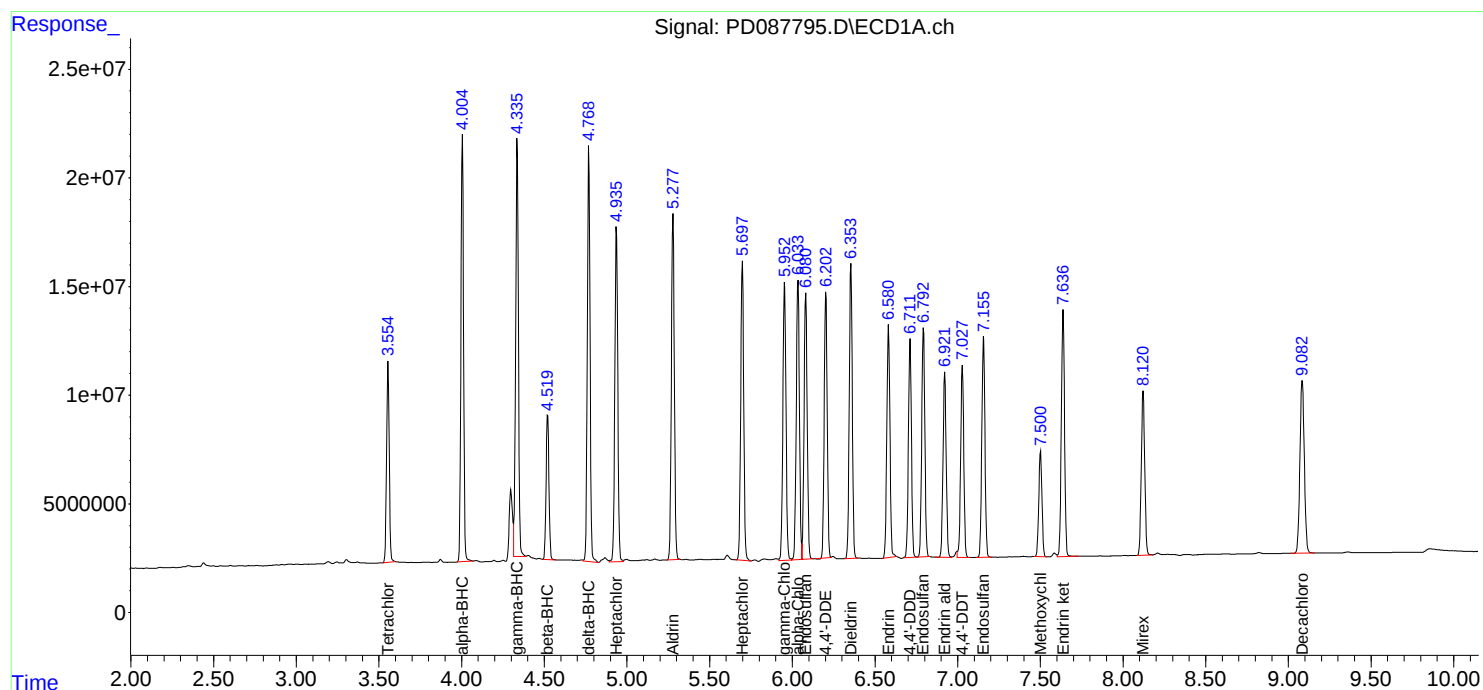
APPROVED

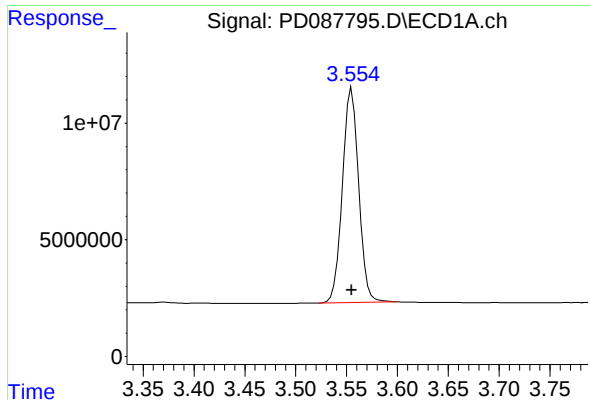
Reviewed By :Abdul Mirza 02/10/2025

Supervised By :Ankita Jodhani 02/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 00:07:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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 x 0.25µm





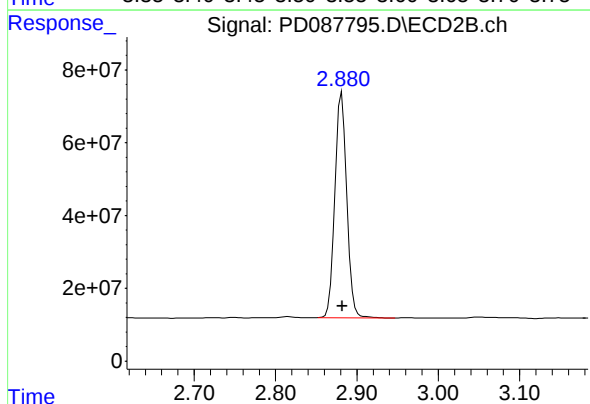
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 102262214
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

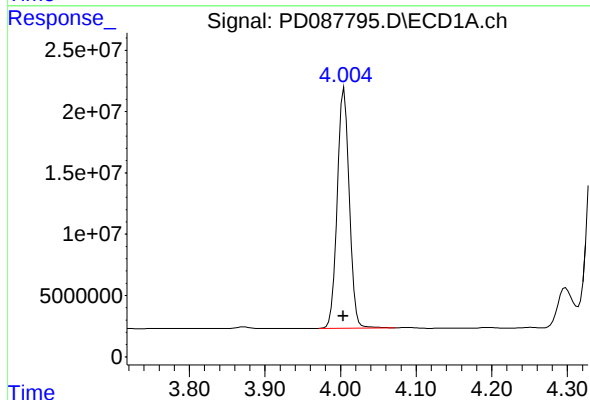
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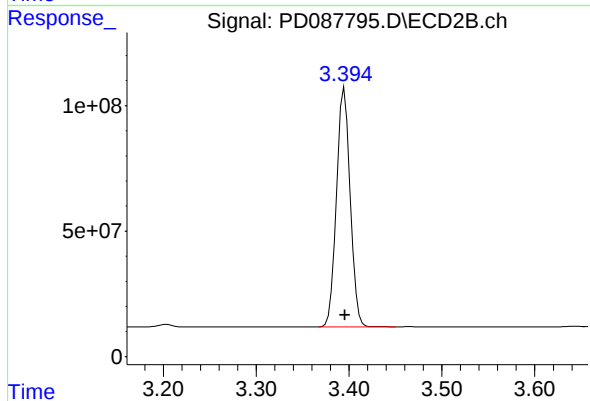
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 625701110
Conc: 52.03 ng/ml



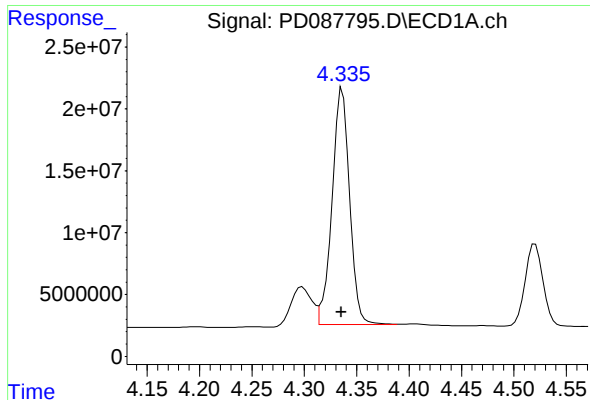
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 216367406
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 979053670
Conc: 52.38 ng/ml



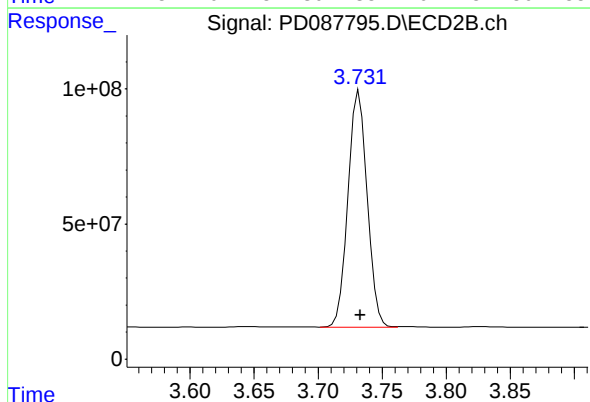
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 220341825
Conc: 55.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

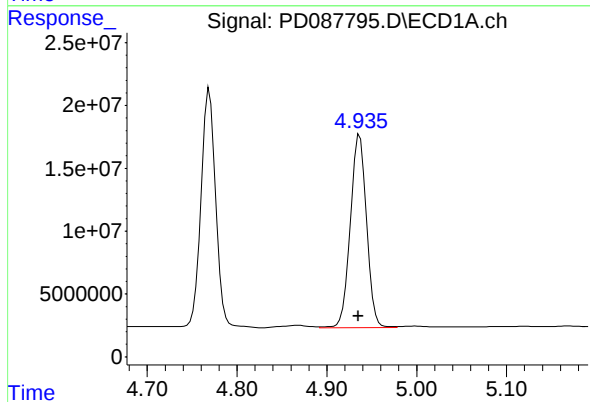
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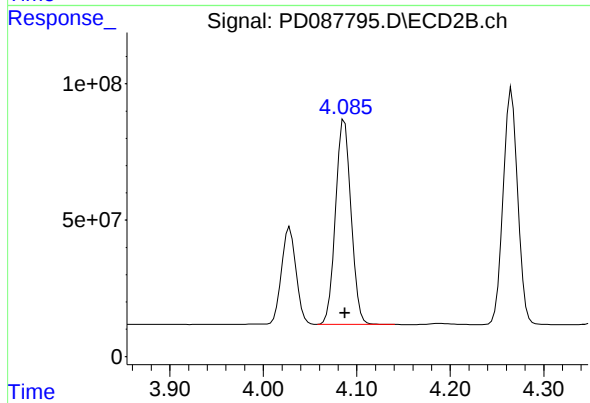
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 914778028
Conc: 51.52 ng/ml



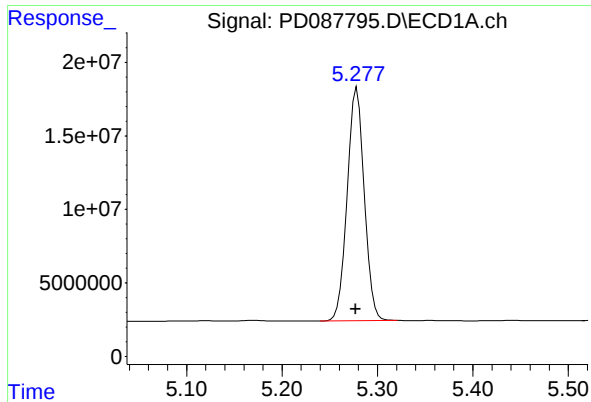
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 191893399
Conc: 51.48 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 866224643
Conc: 50.00 ng/ml



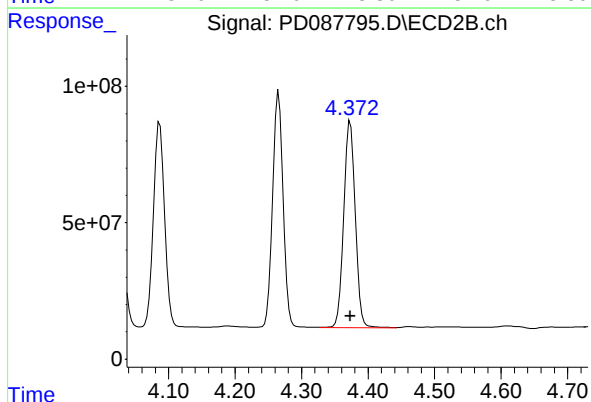
#5 Aldrin

R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 198290927
Conc: 51.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

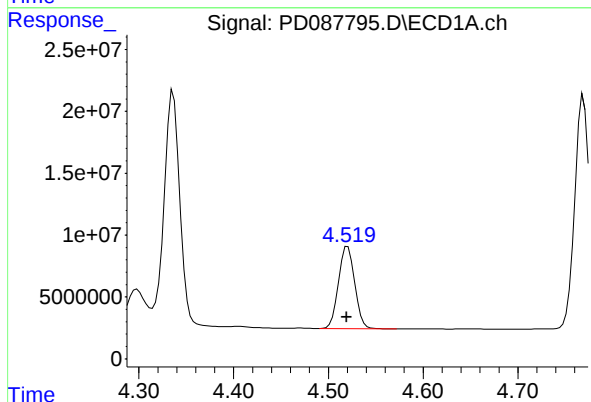
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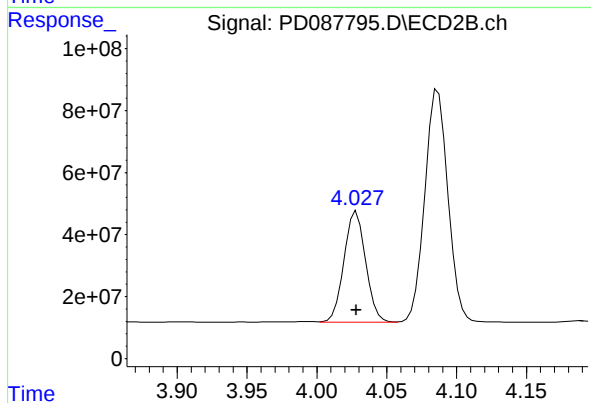
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 914503736
Conc: 52.34 ng/ml



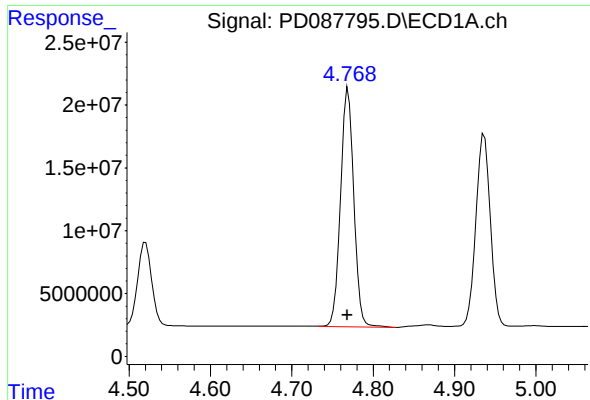
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: 0.001 min
Response: 78845076
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 385746096
Conc: 50.58 ng/ml



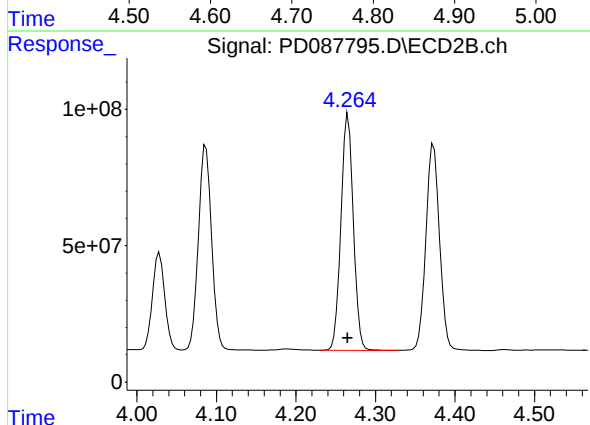
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.001 min
Response: 215517327
Conc: 53.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

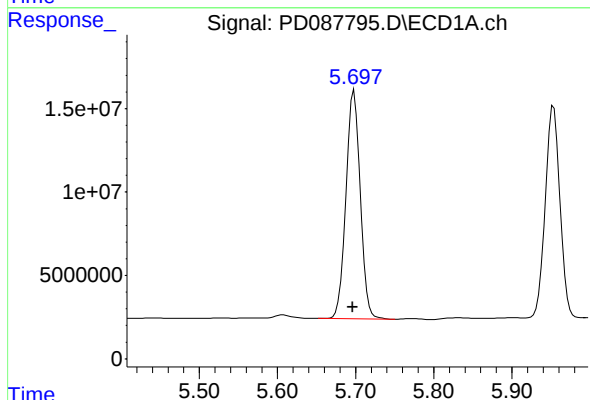
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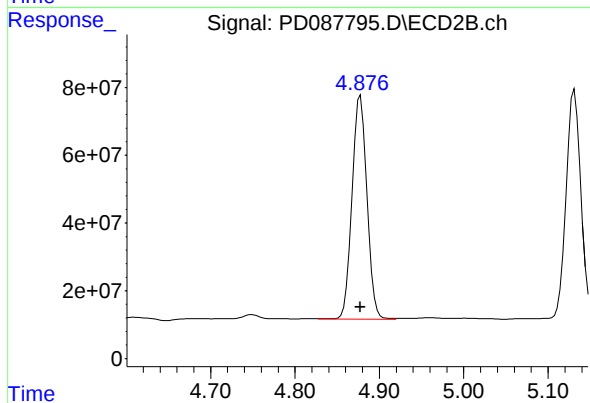
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 942177297
Conc: 52.06 ng/ml



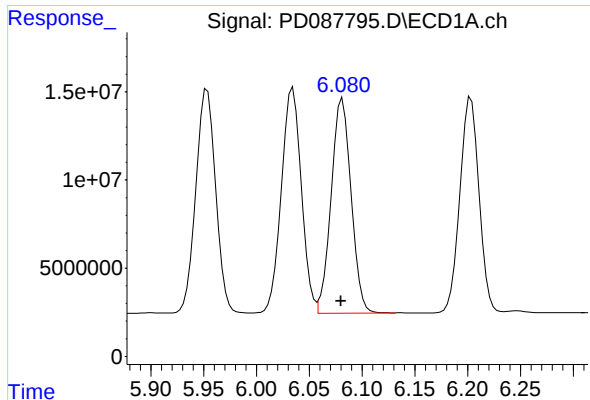
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 174096803
Conc: 50.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 812029023
Conc: 51.42 ng/ml



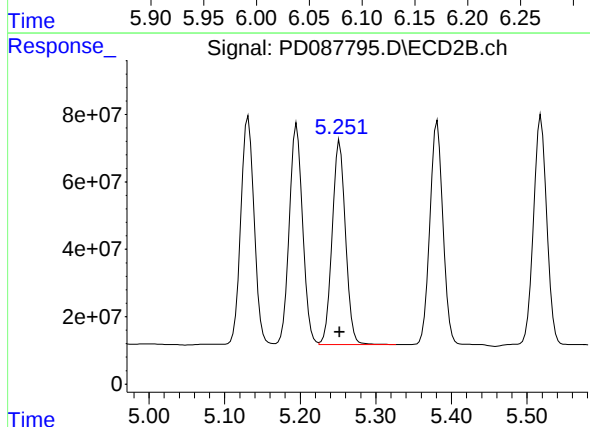
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 159860194
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

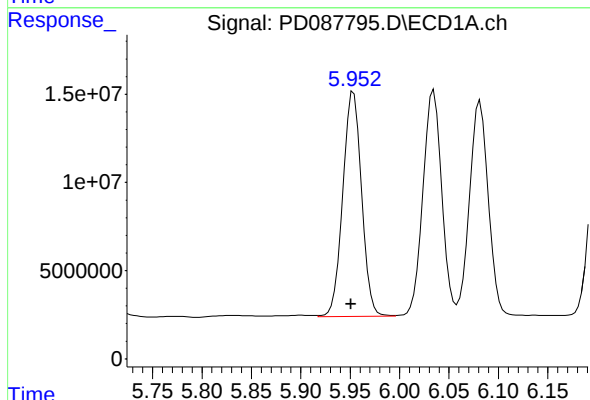
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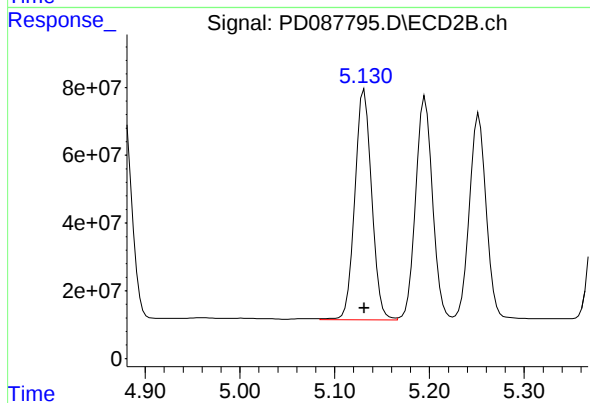
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 743078574
Conc: 49.86 ng/ml m



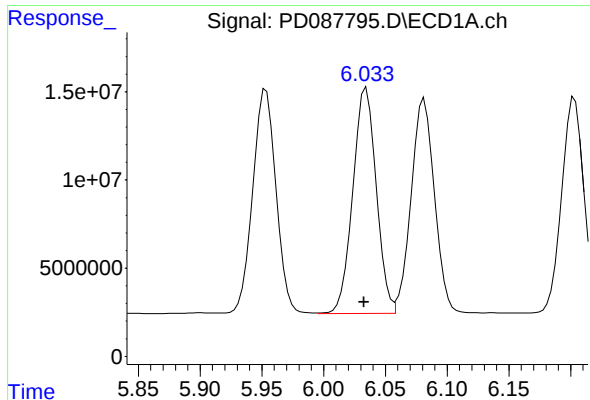
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 168363639
Conc: 50.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 840741983
Conc: 51.69 ng/ml



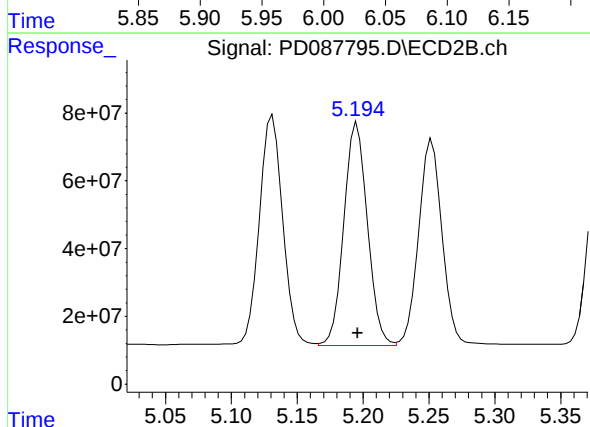
#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 169229237
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

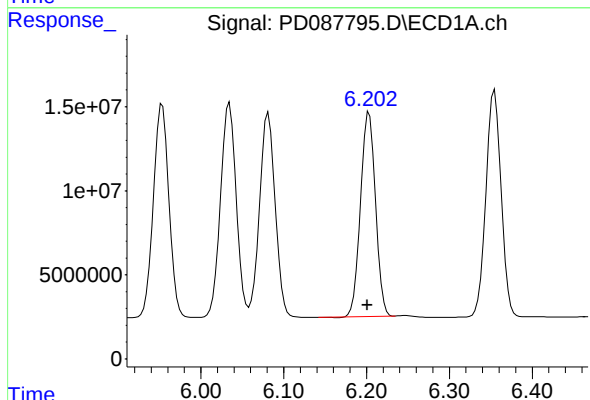
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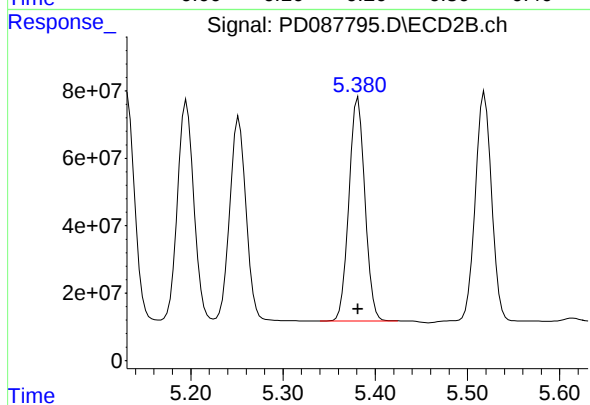
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 816747749
Conc: 51.19 ng/ml



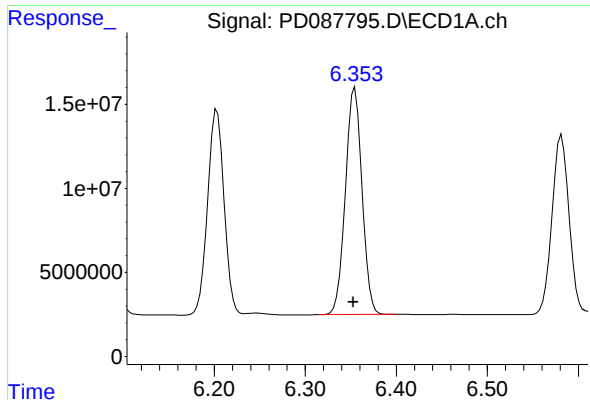
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 152410515
Conc: 50.51 ng/ml



#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 797792070
Conc: 50.70 ng/ml m



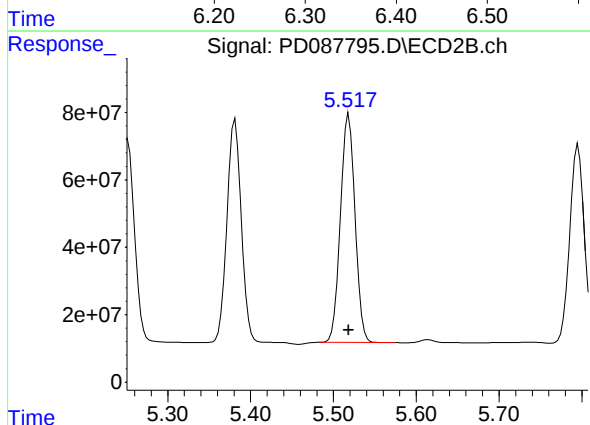
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 172108823
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

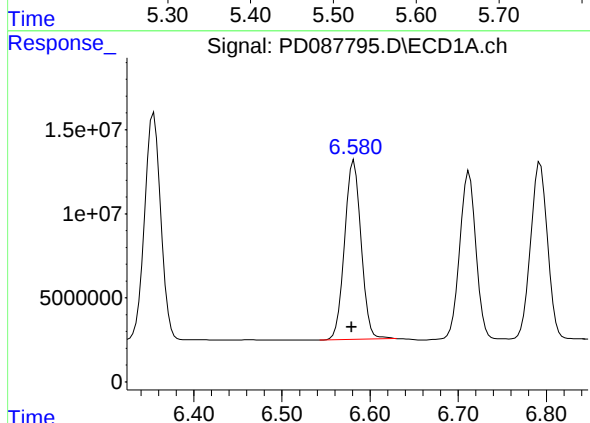
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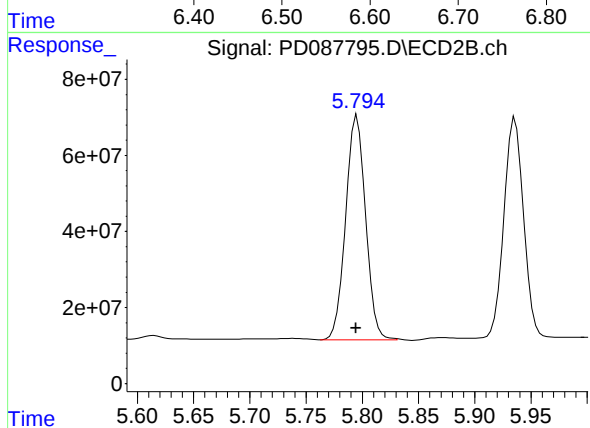
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 829308805
Conc: 50.91 ng/ml



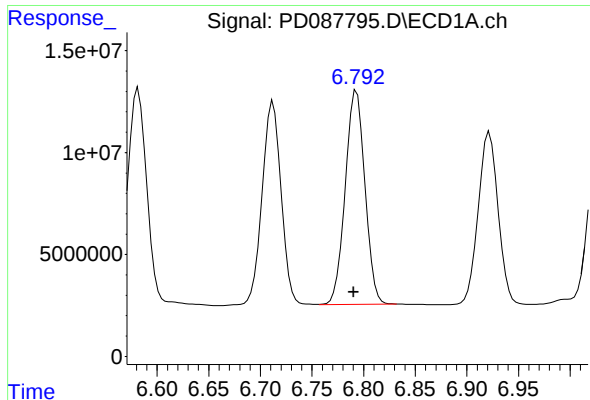
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.002 min
Response: 138974025
Conc: 47.96 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 728978111
Conc: 48.95 ng/ml m



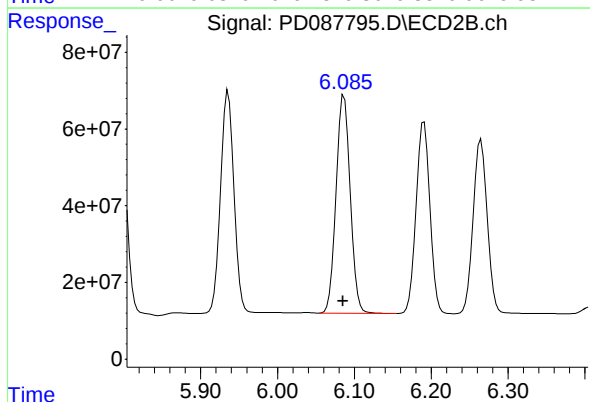
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 139165906
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

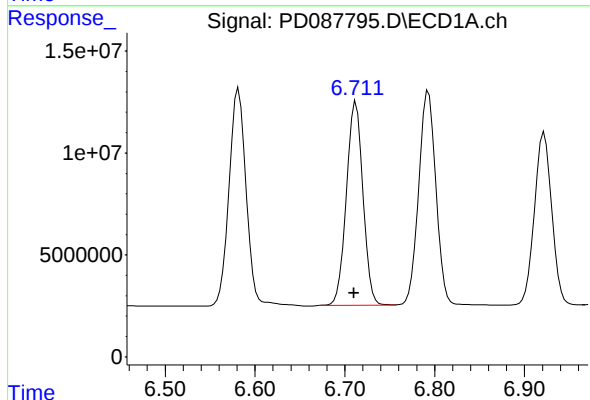
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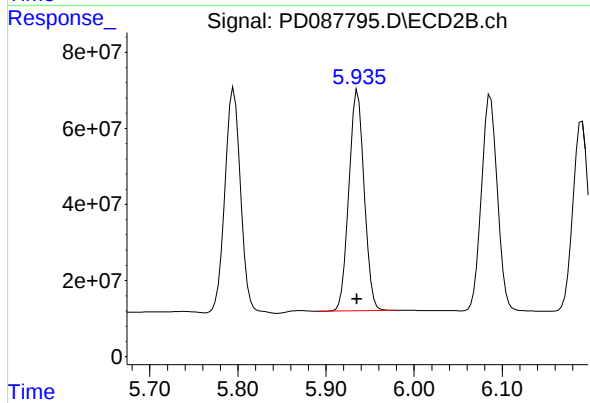
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 715300761
Conc: 50.11 ng/ml



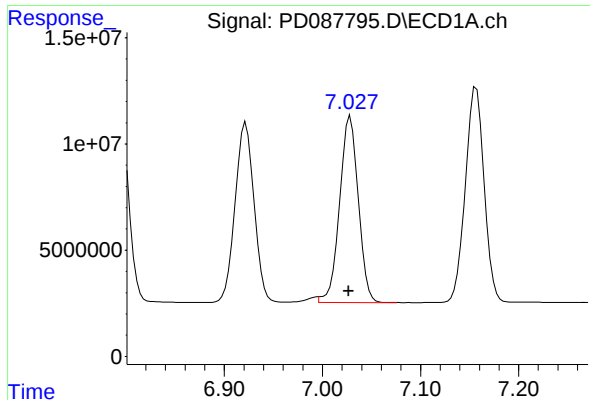
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 127718248
Conc: 53.07 ng/ml



#16 4,4'-DDD

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 701683336
Conc: 53.07 ng/ml



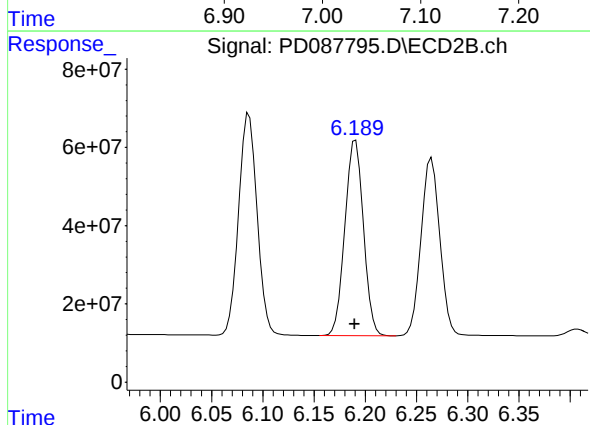
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 116154138
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

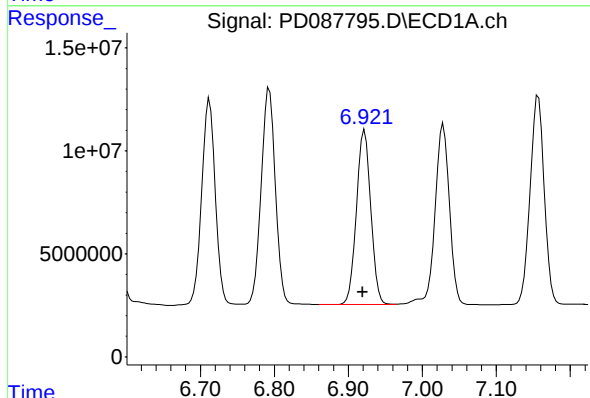
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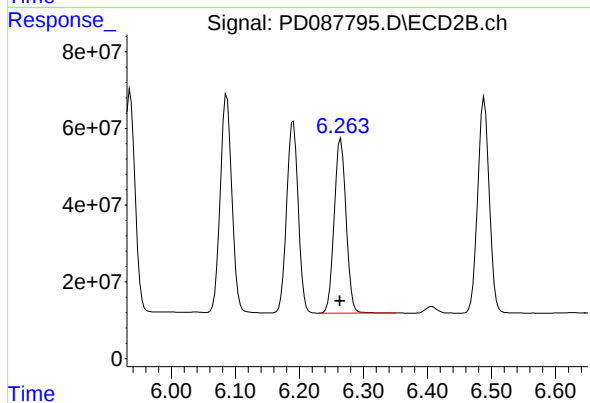
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 627710546
Conc: 46.63 ng/ml



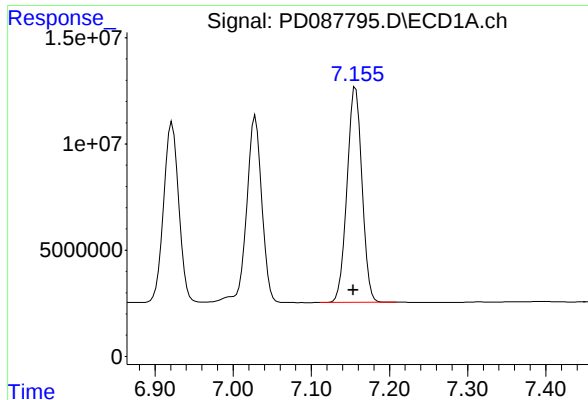
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 113679744
Conc: 49.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 582184379
Conc: 49.94 ng/ml



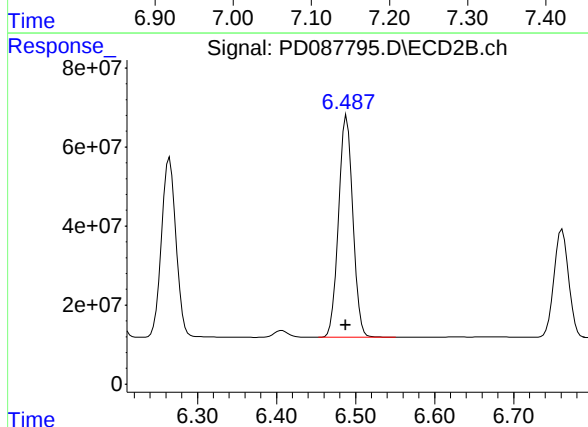
#19 Endosulfan Sulfate

R.T.: 7.157 min
 Delta R.T.: 0.003 min
 Response: 134783285
 Conc: 49.16 ng/ml

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

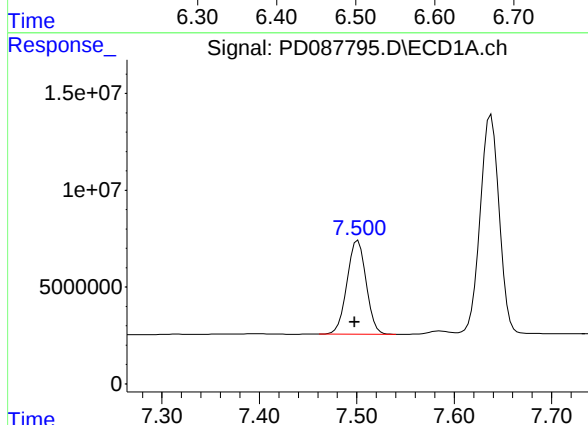
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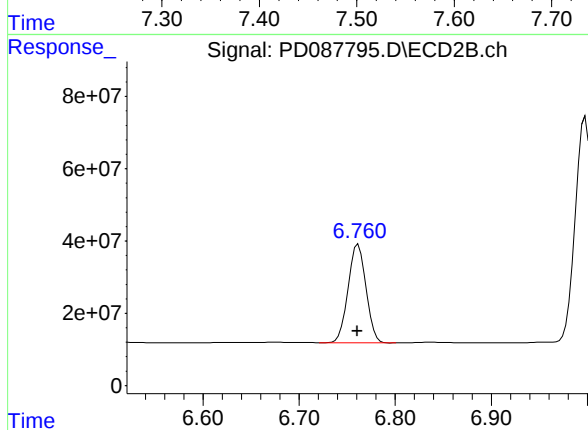
#19 Endosulfan Sulfate

R.T.: 6.489 min
 Delta R.T.: 0.001 min
 Response: 706959711
 Conc: 49.72 ng/ml



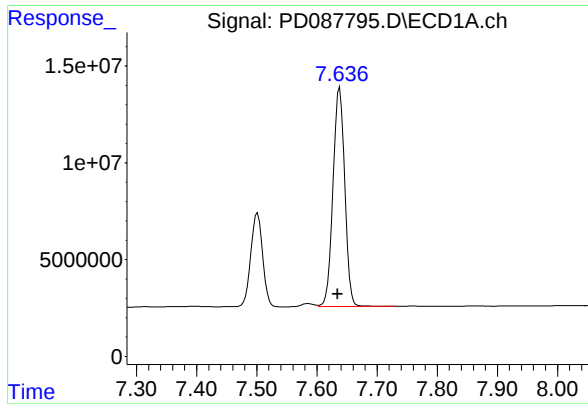
#20 Methoxychlor

R.T.: 7.501 min
 Delta R.T.: 0.003 min
 Response: 65821635
 Conc: 44.84 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
 Delta R.T.: 0.000 min
 Response: 352236964
 Conc: 46.09 ng/ml



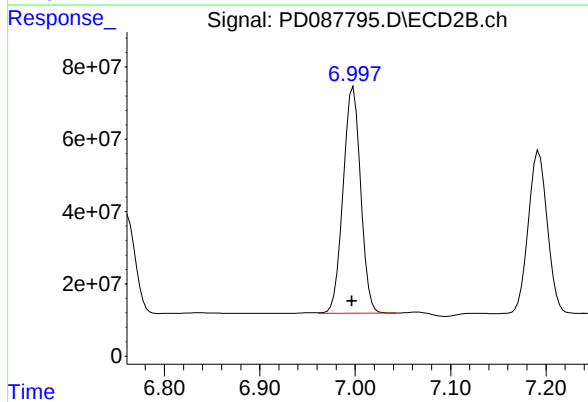
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 154022845
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

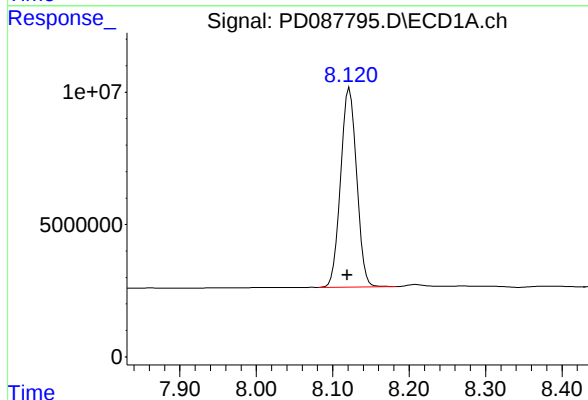
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/10/2025



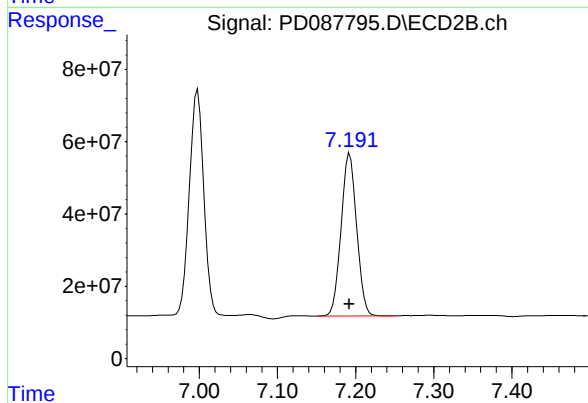
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: 0.001 min
Response: 801597259
Conc: 51.37 ng/ml



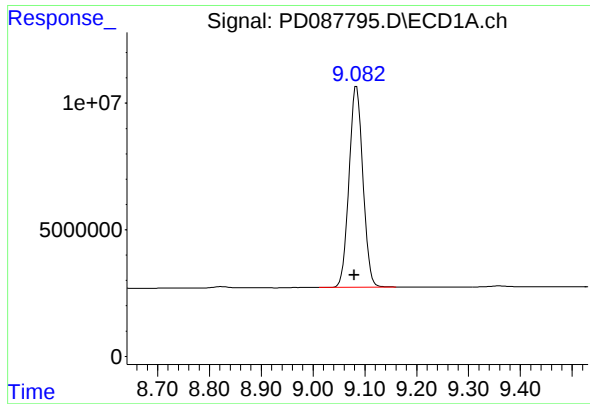
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.003 min
Response: 109739275
Conc: 47.34 ng/ml



#22 Mirex

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 619963252
Conc: 48.96 ng/ml



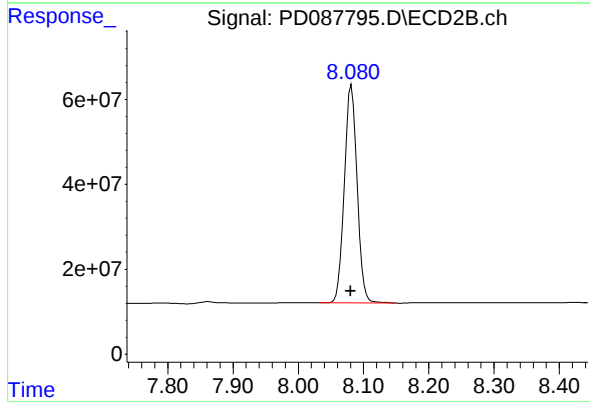
#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.004 min
Response: 147420614
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/10/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 699221124
Conc: 49.48 ng/ml