

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 15:14
 Operator : AR\AJ
 Sample : Q1832-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-02MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:44:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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 x 0.5 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...	3.551	2.883	29988210	238.0E6	15.014	16.274
28)	SA Decachlor...	9.080	8.074	53764309	230.9E6	16.252m	12.492
Target Compounds							
2)	A alpha-BHC	4.000	3.395	182.2E6	927.6E6	42.258	40.573
3)	MA gamma-BHC...	4.331	3.732	184.2E6	848.0E6	43.978	39.370
4)	MA Heptachlor	4.930	4.084	167.9E6	828.7E6	41.564	38.727m
5)	MB Aldrin	5.272	4.370	158.8E6	812.8E6	40.197	39.069m
6)	B beta-BHC	4.516	4.026	52330874	370.7E6	32.236	40.053m
7)	B delta-BHC	4.764	4.264	187.0E6	848.2E6	45.345	39.895
8)	B Heptachlo...	5.691	4.876	143.5E6	729.1E6	40.164m	38.588
9)	A Endosulfan I	6.075	5.251	162.3E6	589.1E6	48.051	32.708m#
10)	B gamma-Chl...	5.947	5.128	155.8E6	795.6E6	43.024	39.199m
11)	B alpha-Chl...	6.027	5.193	147.6E6	849.2E6	40.895m	43.320
12)	B 4,4'-DDE	6.196	5.377	134.3E6	900.1E6	40.730m	45.704m
13)	MA Dieldrin	6.348	5.514	139.4E6	738.9E6	39.072	37.071m
14)	MA Endrin	6.576	5.792	115.2E6	727.0E6	38.623	39.939
15)	B Endosulfa...	6.786	6.083	123.8E6	642.2E6	39.590	36.649
16)	A 4,4'-DDD	6.705	5.932	102.7E6	506.8E6	40.828	30.931m
17)	MA 4,4'-DDT	7.021	6.186	135.6E6	746.7E6	48.835m	43.880
18)	B Endrin al...	6.915	6.261	92857008	482.7E6	40.233	36.292
19)	B Endosulfa...	7.148	6.485	110.1E6	561.4E6	38.289m	32.767
20)	A Methoxychlor	7.492	6.757	58628545	271.4E6	39.098m	29.760
21)	B Endrin ke...	7.630	6.992	115.1E6	566.5E6	37.286	30.288m
22)	Mirex	8.113	7.187	106.8E6	469.0E6	45.458m	31.645m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 15:14
Operator : AR\AJ
Sample : Q1832-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

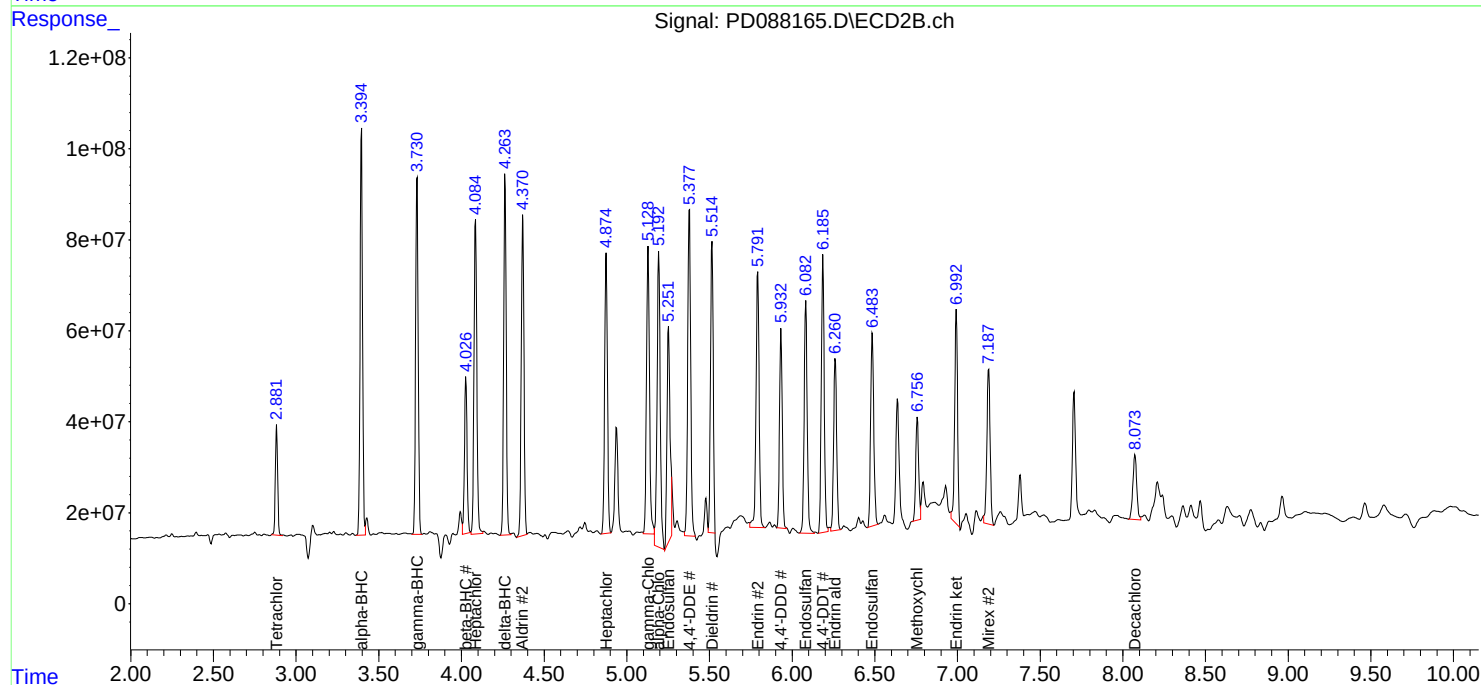
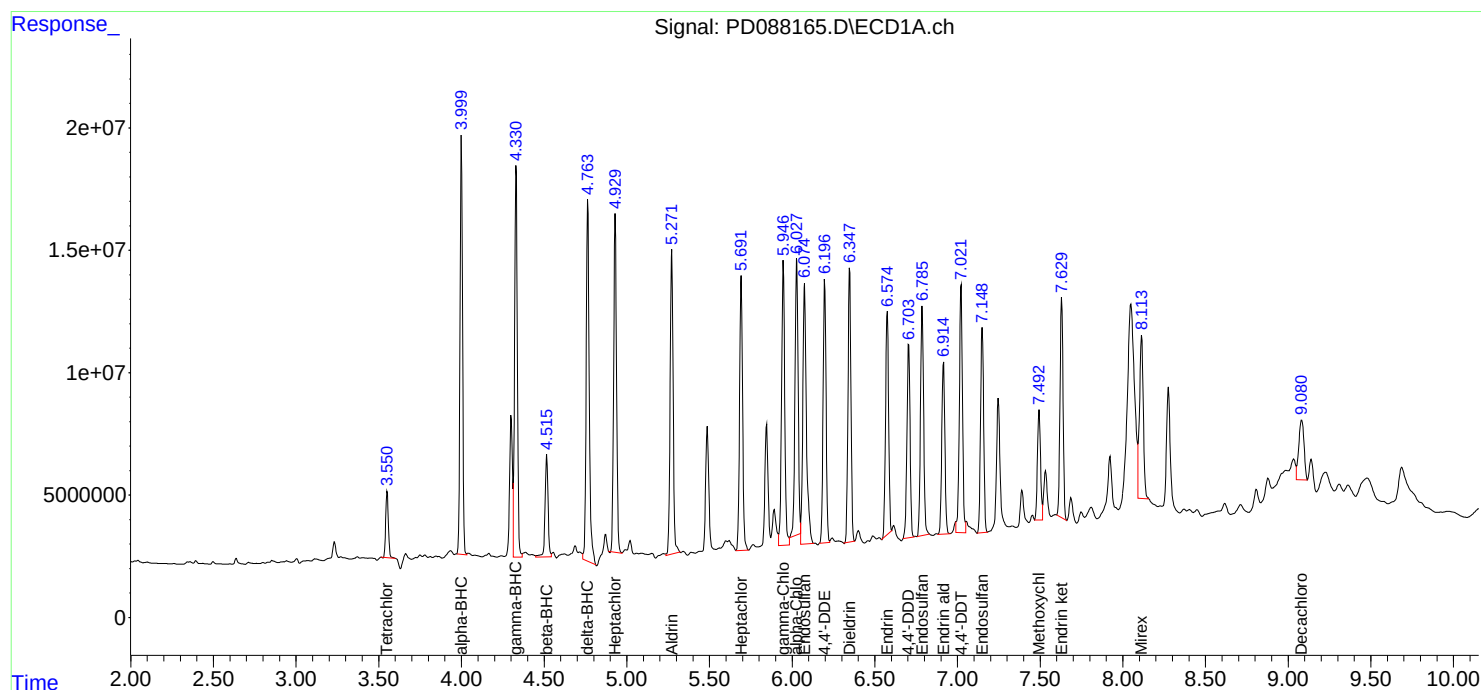
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

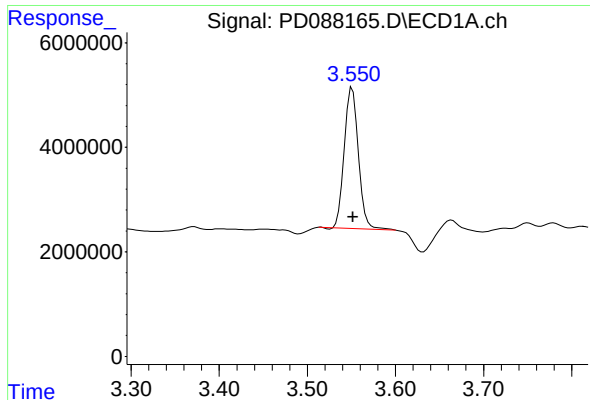
Manual Integrations
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Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:44:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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





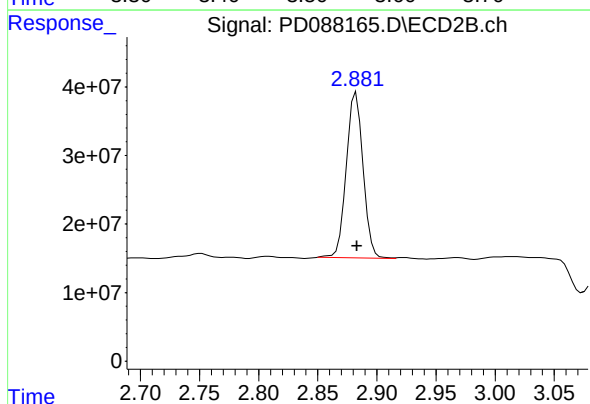
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 29988210
Conc: 15.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

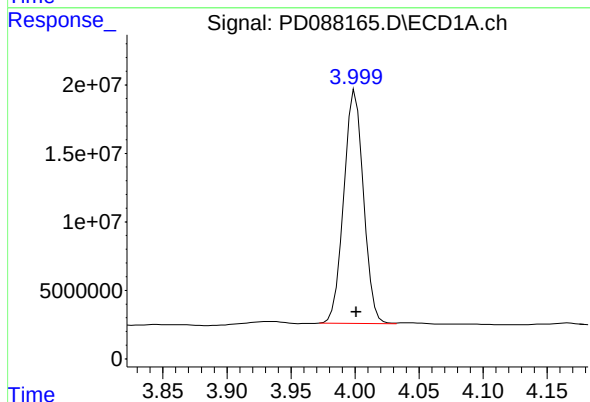
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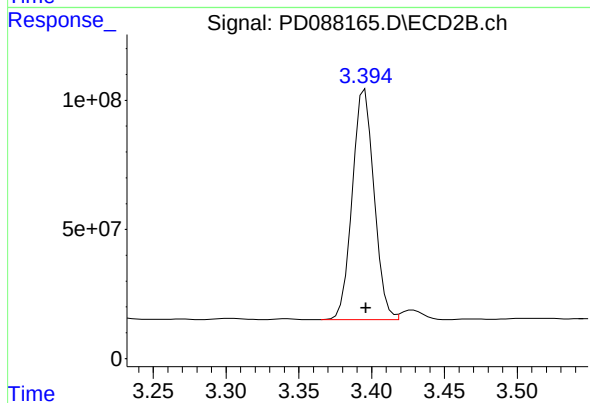
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 237956007
Conc: 16.27 ng/ml



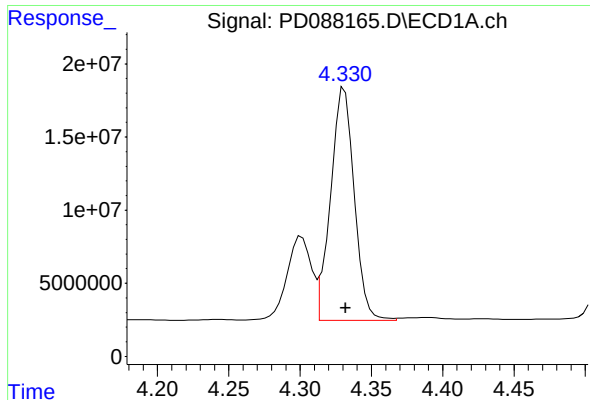
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 182216796
Conc: 42.26 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 927567919
Conc: 40.57 ng/ml



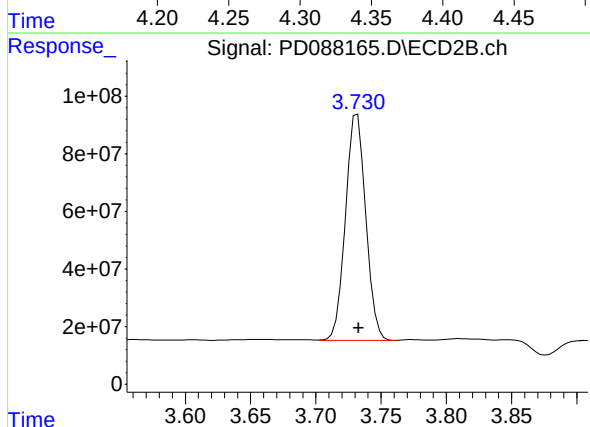
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 184156478
Conc: 43.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

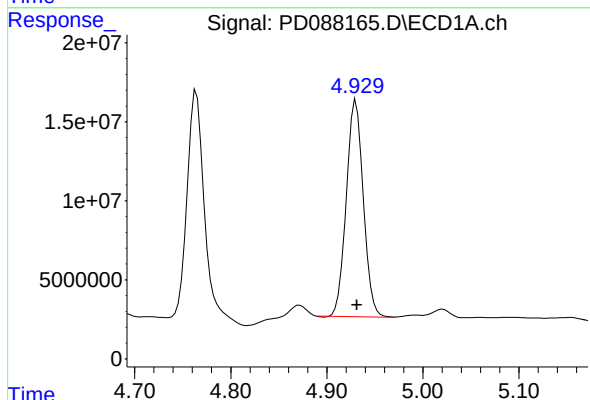
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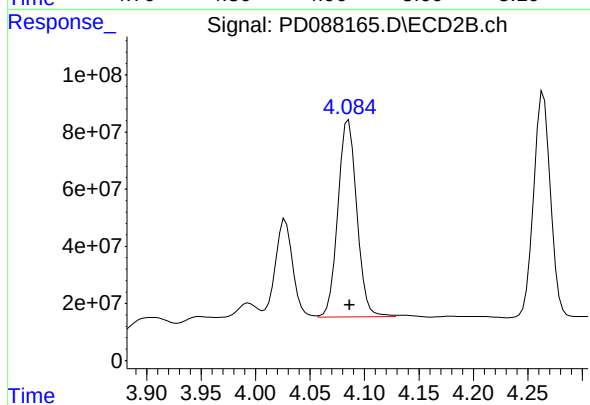
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 847969496
Conc: 39.37 ng/ml



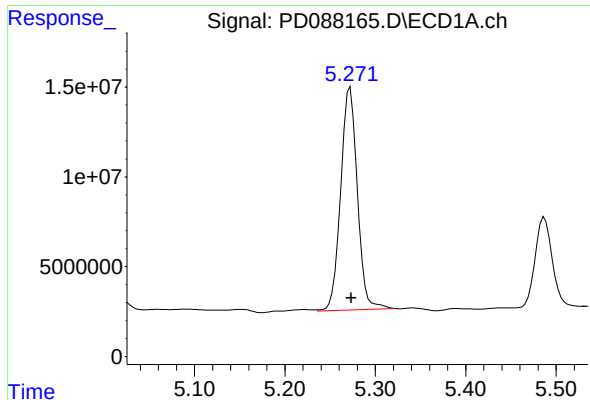
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 167875772
Conc: 41.56 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.002 min
Response: 828675733
Conc: 38.73 ng/ml m



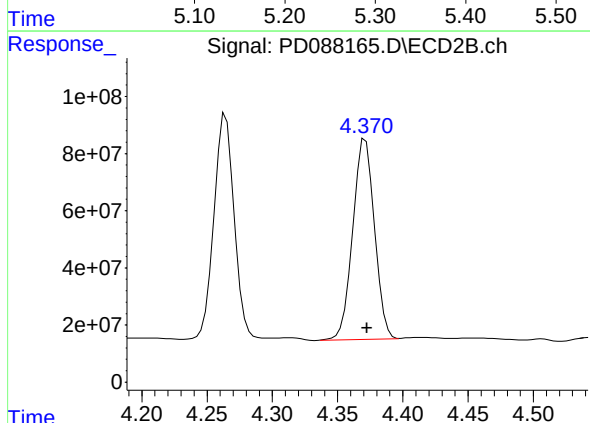
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 158760177
Conc: 40.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

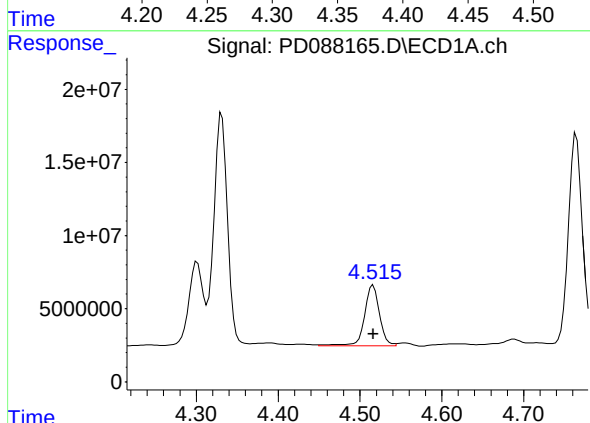
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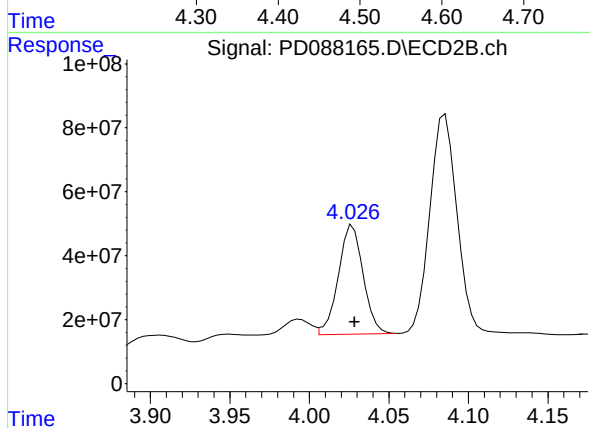
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 812753997
Conc: 39.07 ng/ml



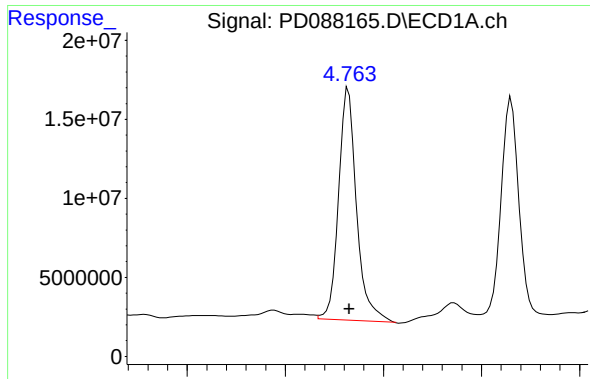
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 52330874
Conc: 32.24 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 370650973
Conc: 40.05 ng/ml



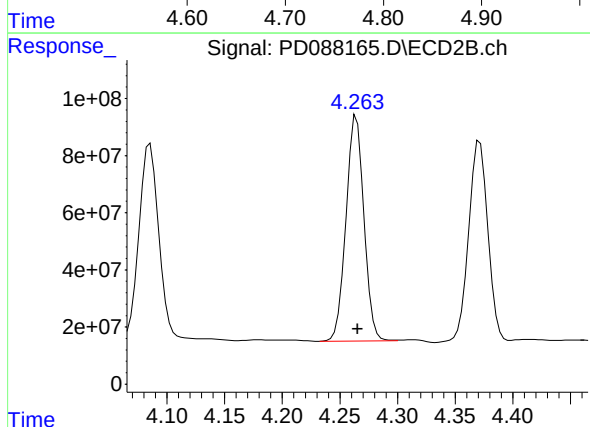
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 187046223
Conc: 45.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

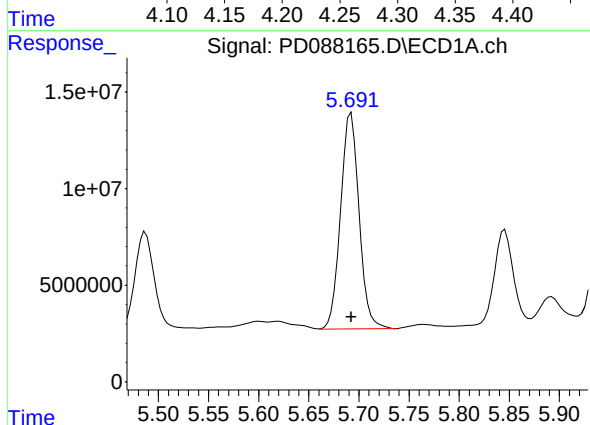
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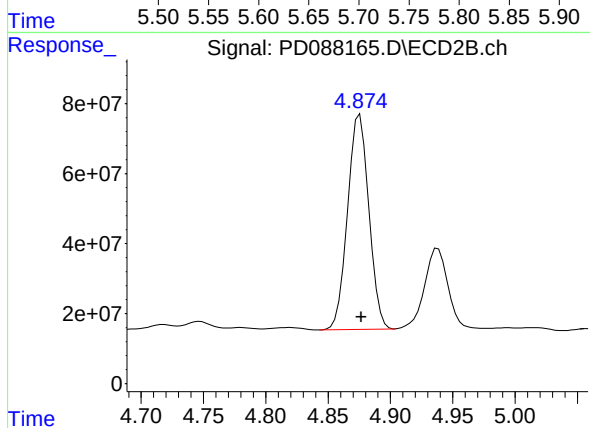
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 848235735
Conc: 39.90 ng/ml



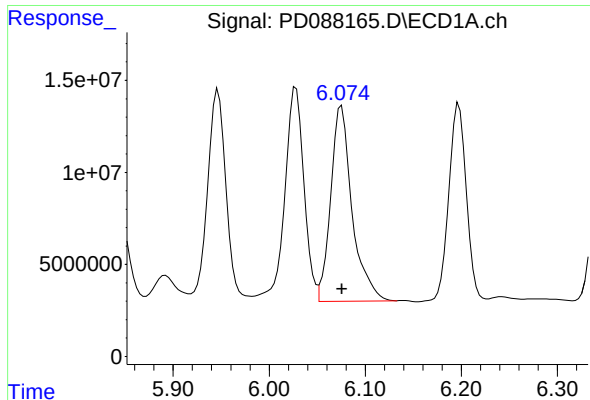
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 143544452
Conc: 40.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 729095013
Conc: 38.59 ng/ml



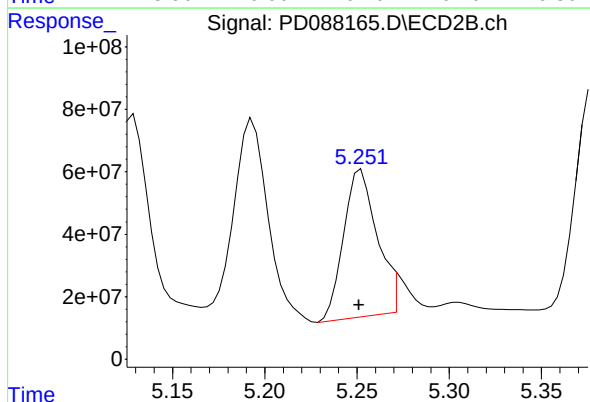
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 162275742
Conc: 48.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

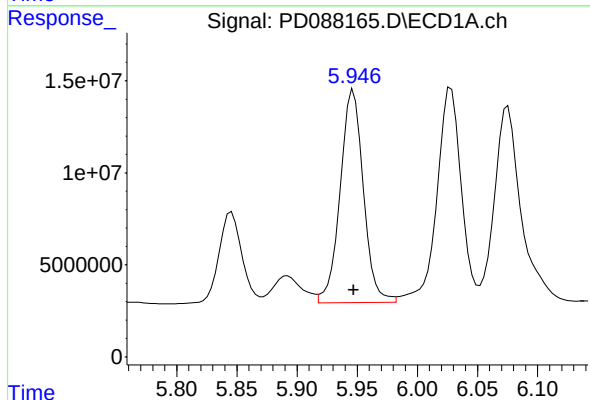
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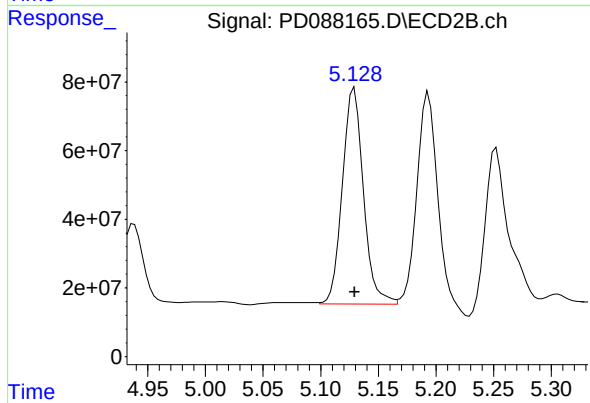
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 589149507
Conc: 32.71 ng/ml m



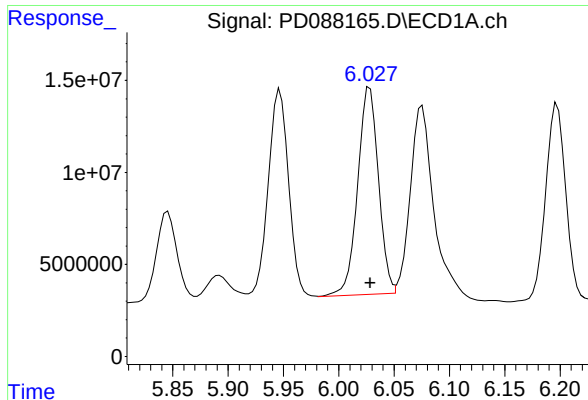
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 155835539
Conc: 43.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 795574681
Conc: 39.20 ng/ml m



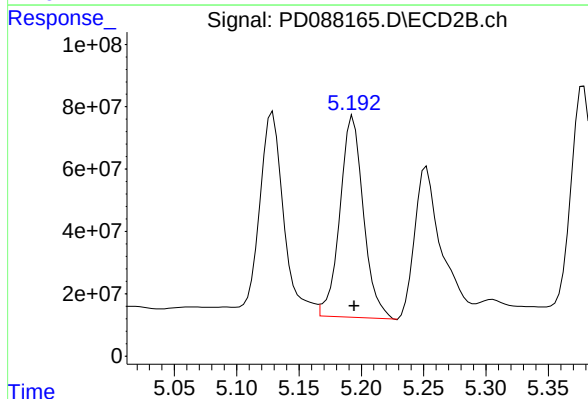
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 147612353
Conc: 40.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

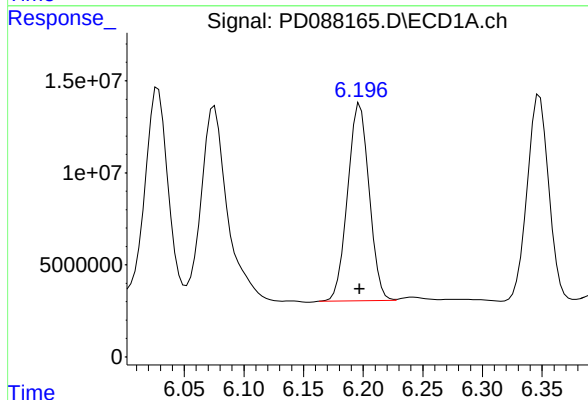
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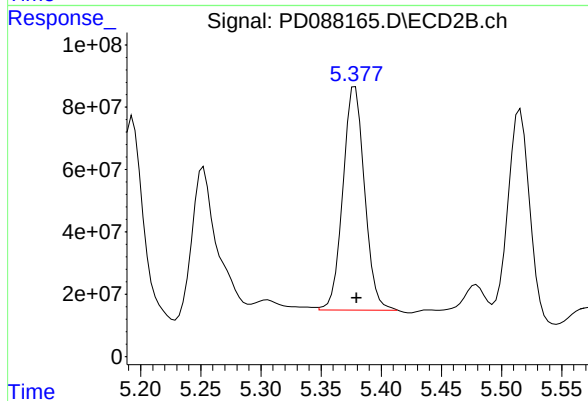
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 849191247
Conc: 43.32 ng/ml



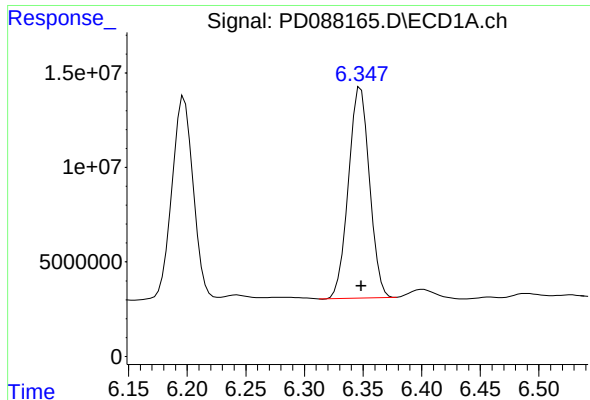
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 134338767
Conc: 40.73 ng/ml m



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 900101556
Conc: 45.70 ng/ml m



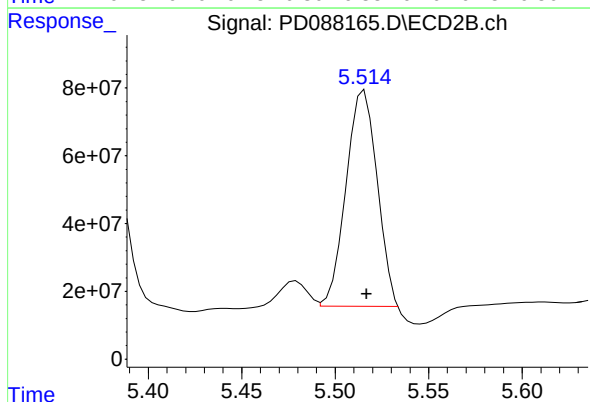
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 139428989
Conc: 39.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

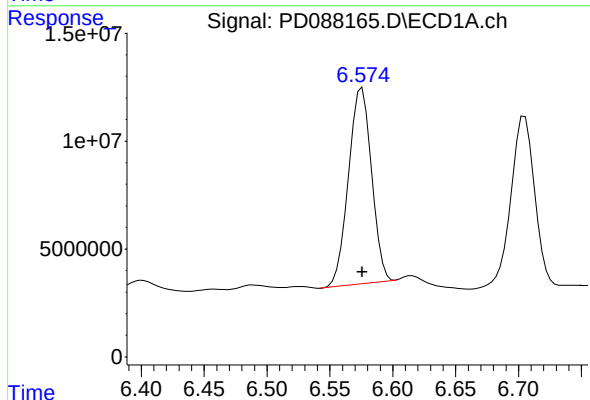
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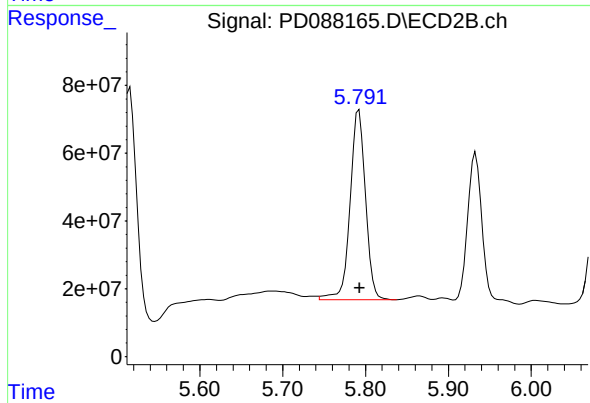
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 738923353
Conc: 37.07 ng/ml m



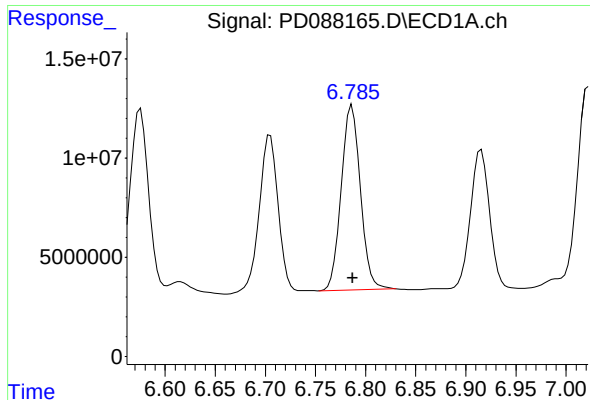
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 115194807
Conc: 38.62 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 726982905
Conc: 39.94 ng/ml



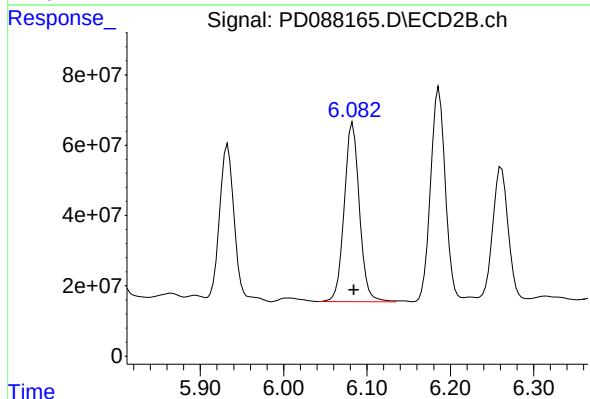
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 123765369
Conc: 39.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

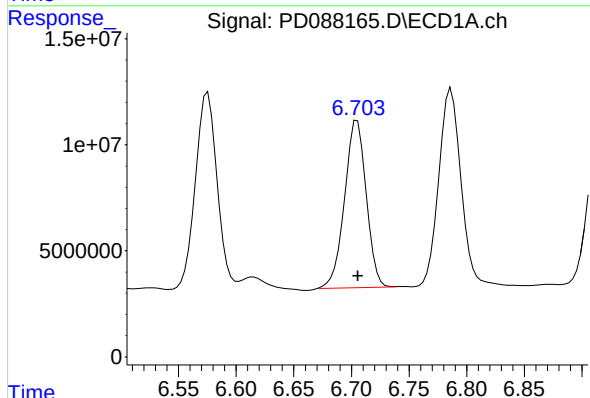
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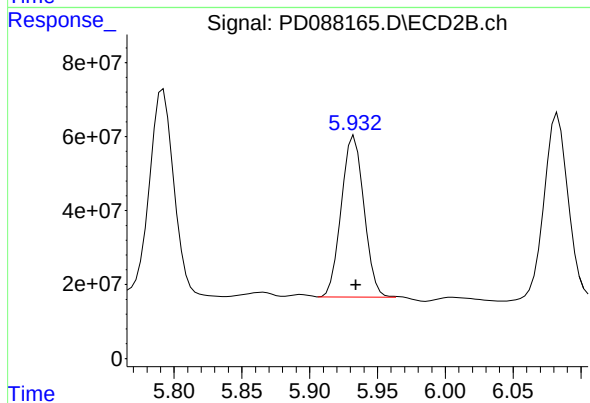
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 642151223
Conc: 36.65 ng/ml



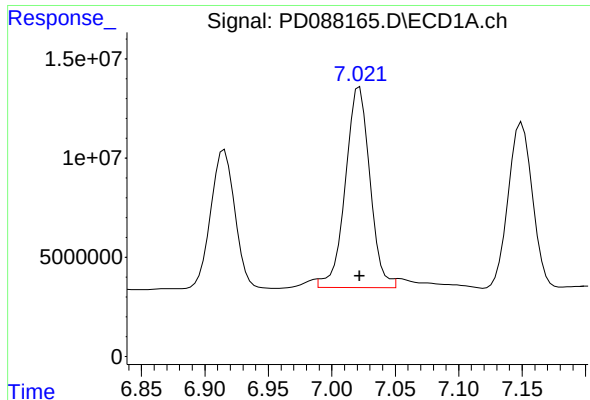
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 102681885
Conc: 40.83 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 506835280
Conc: 30.93 ng/ml m



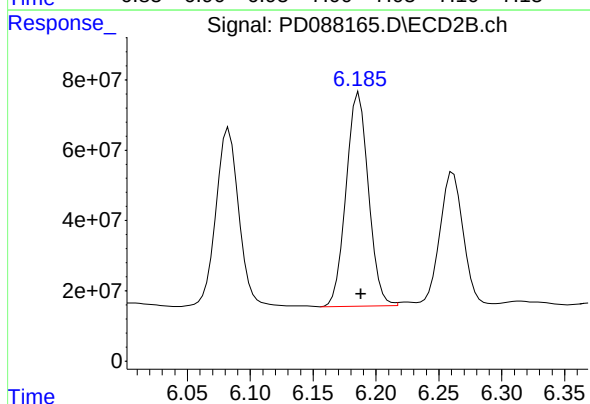
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 135641226
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

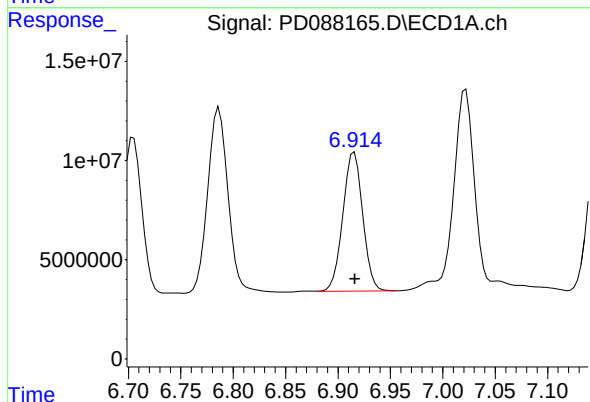
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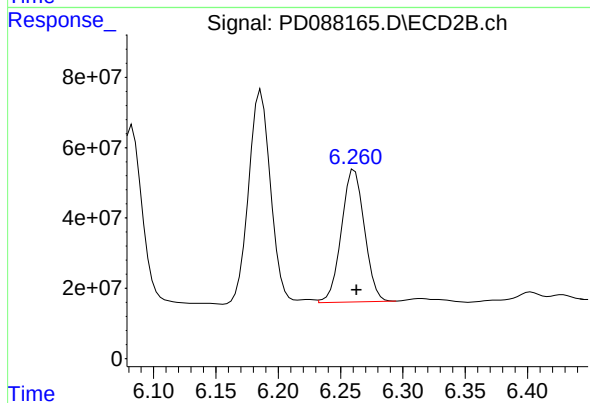
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 746679115
Conc: 43.88 ng/ml



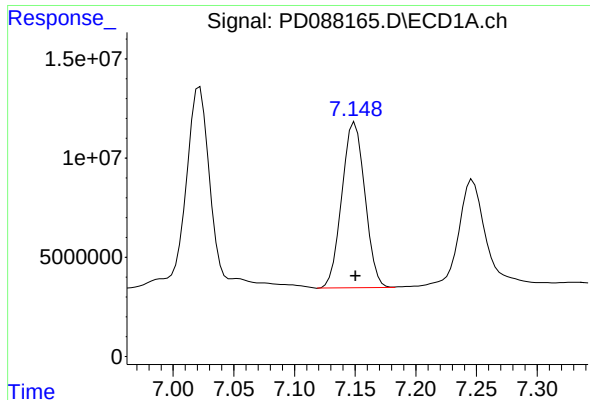
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 92857008
Conc: 40.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 482722470
Conc: 36.29 ng/ml



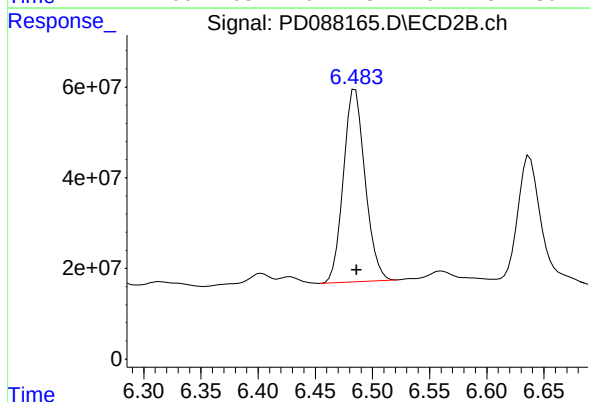
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 110111944
Conc: 38.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

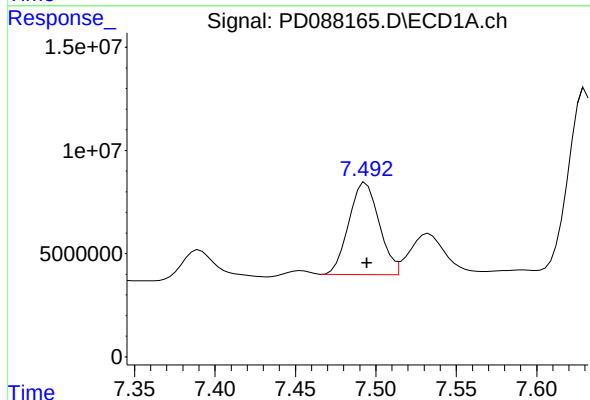
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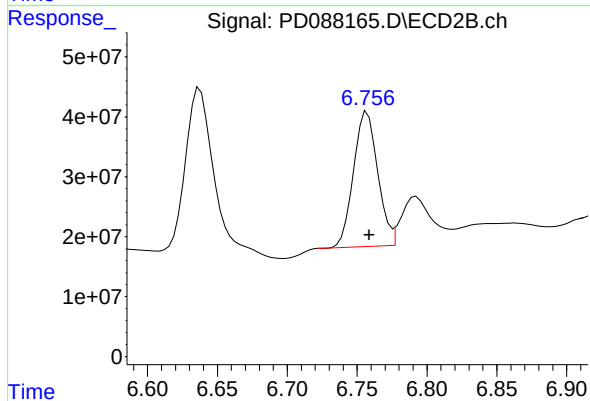
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.001 min
Response: 561406824
Conc: 32.77 ng/ml



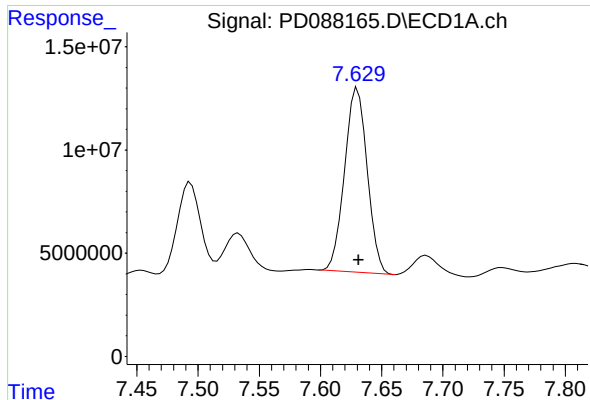
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 58628545
Conc: 39.10 ng/ml m



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 271444941
Conc: 29.76 ng/ml



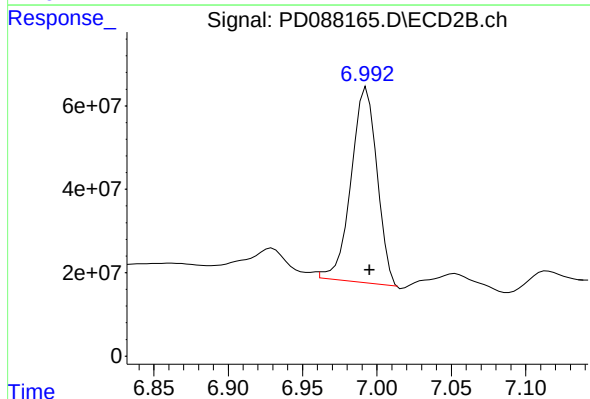
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 115085770
Conc: 37.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

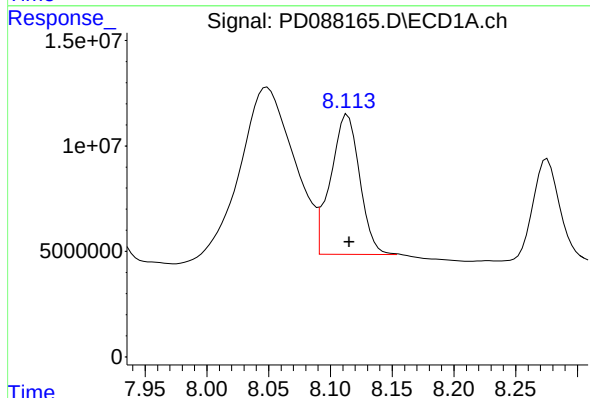
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2025
Supervised By :mohammad ahmed 04/23/2025



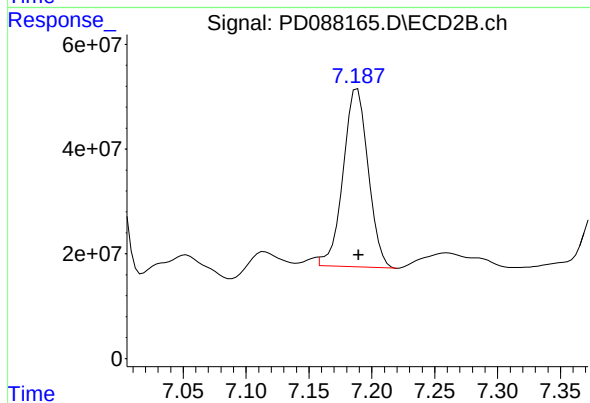
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 566505504
Conc: 30.29 ng/ml



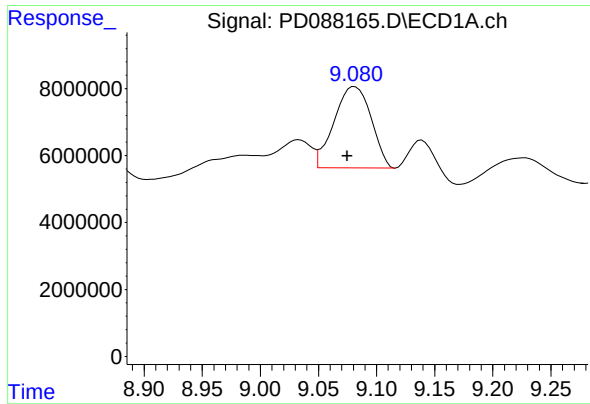
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 106750481
Conc: 45.46 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 469004966
Conc: 31.64 ng/ml



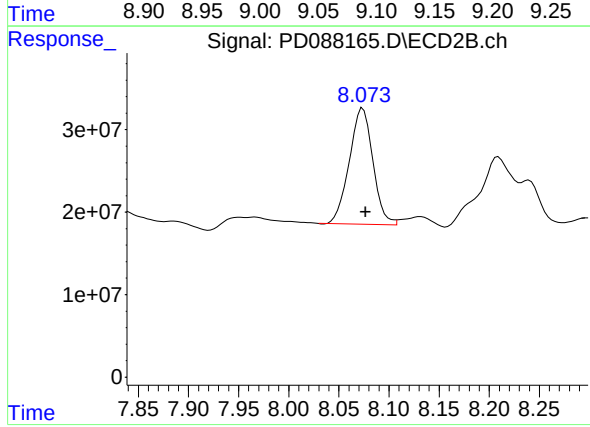
#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.005 min
Response: 53764309
Conc: 16.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-02MS

Manual Integrations
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Supervised By :mohammad ahmed 04/23/2025



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 230855267
Conc: 12.49 ng/ml