

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 11:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:21:26 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.554	2.881	109.7E6	727.6E6	54.902	49.760
28)	SA Decachlor...	9.079	8.077	174.1E6	849.6E6	52.634	45.974
Target Compounds							
2)	A alpha-BHC	4.004	3.394	252.7E6	1155.6E6	58.614	50.546
3)	MA gamma-BHC...	4.335	3.731	241.8E6	1072.1E6	57.731	49.775
4)	MA Heptachlor	4.934	4.085	233.0E6	1045.0E6	57.700	48.836
5)	MB Aldrin	5.276	4.370	229.7E6	1047.8E6	58.161	50.369m
6)	B beta-BHC	4.519	4.027	92420090	463.0E6	56.931	50.036
7)	B delta-BHC	4.768	4.264	240.9E6	1070.8E6	58.389	50.365
8)	B Heptachlo...	5.696	4.875	206.1E6	941.1E6	57.654	49.806
9)	A Endosulfan I	6.080	5.249	194.2E6	773.0E6	57.500	42.915 #
10)	B gamma-Chl...	5.951	5.129	209.8E6	1014.0E6	57.924	49.960
11)	B alpha-Chl...	6.033	5.193	208.2E6	974.3E6	57.692	49.702
12)	B 4,4'-DDE	6.201	5.377	183.3E6	985.2E6	55.573	50.025m
13)	MA Dieldrin	6.353	5.516	207.1E6	998.5E6	58.043	50.094
14)	MA Endrin	6.579	5.792	169.7E6	905.2E6	56.902	49.731
15)	B Endosulfa...	6.790	6.084	175.3E6	869.7E6	56.090m	49.634
16)	A 4,4'-DDD	6.709	5.933	150.8E6	830.7E6	59.975m	50.698
17)	MA 4,4'-DDT	7.026	6.187	148.7E6	819.6E6	53.545	48.164
18)	B Endrin al...	6.920	6.262	127.2E6	634.3E6	55.134	47.690
19)	B Endosulfa...	7.154	6.485	161.6E6	828.8E6	56.183	48.373
20)	A Methoxychlor	7.498	6.758	77965976	424.6E6	51.993	46.553
21)	B Endrin ke...	7.635	6.994	173.1E6	915.2E6	56.090	48.929m
22)	Mirex	8.119	7.189	125.9E6	709.9E6	53.594	47.901

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
Data File : PD088348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 11:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

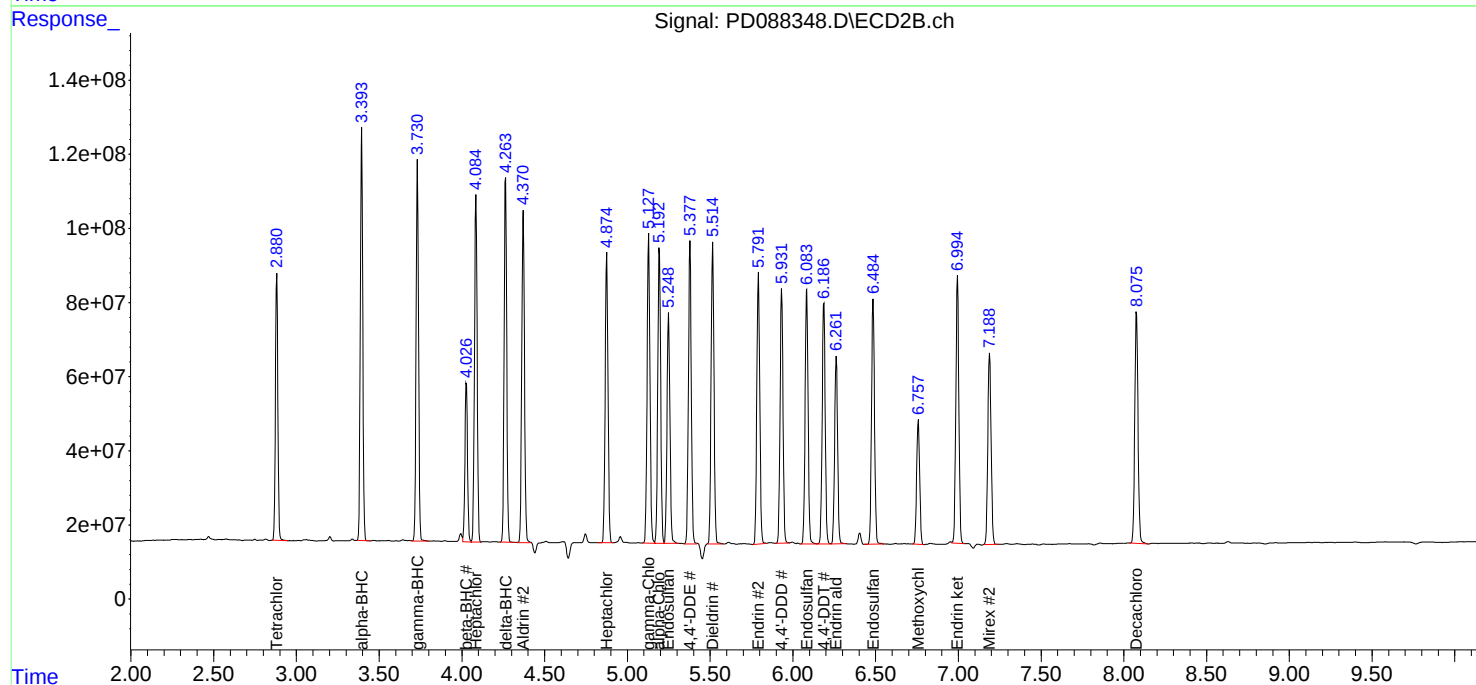
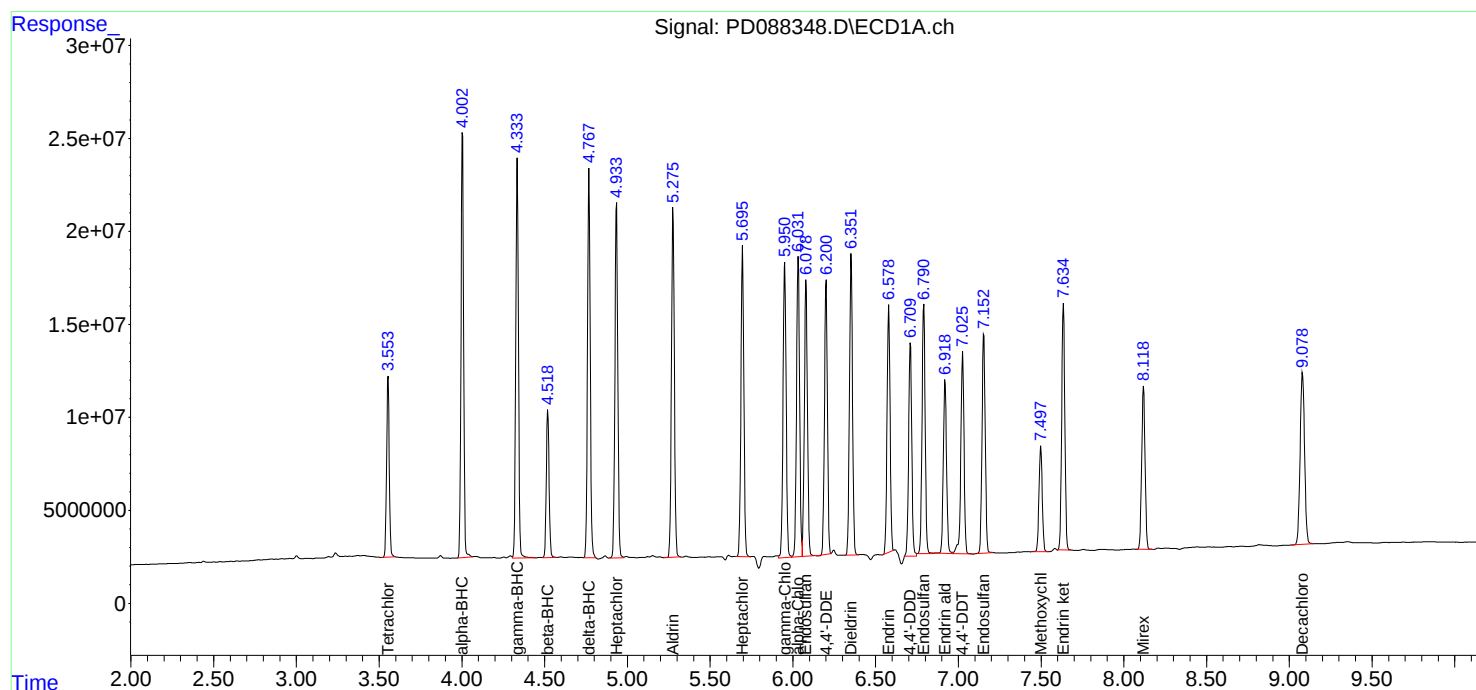
APPROVED

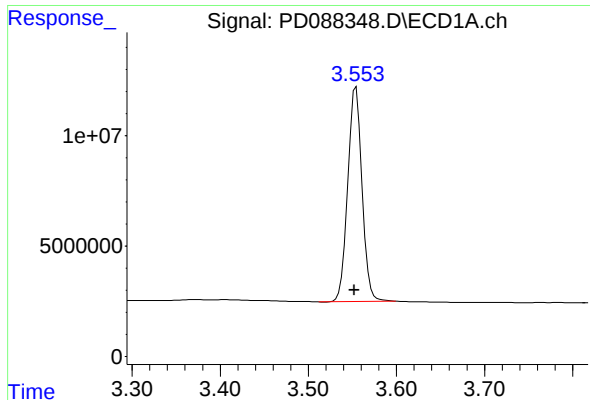
Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:21:26 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





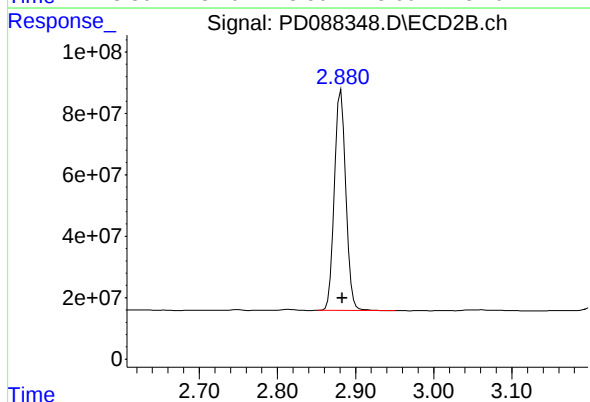
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.002 min
Response: 109661141
Conc: 54.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

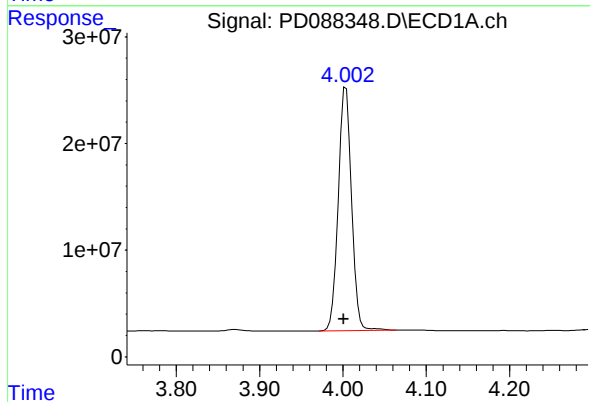
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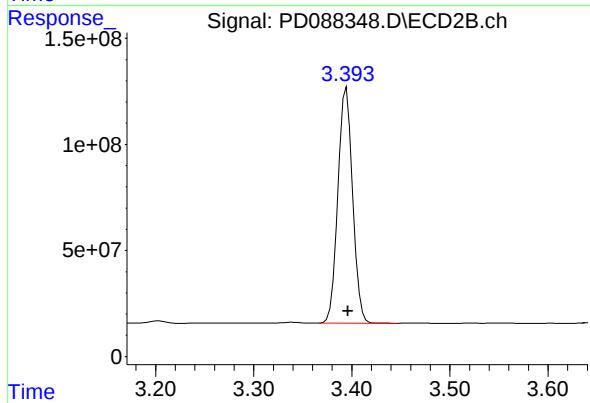
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 727566221
Conc: 49.76 ng/ml



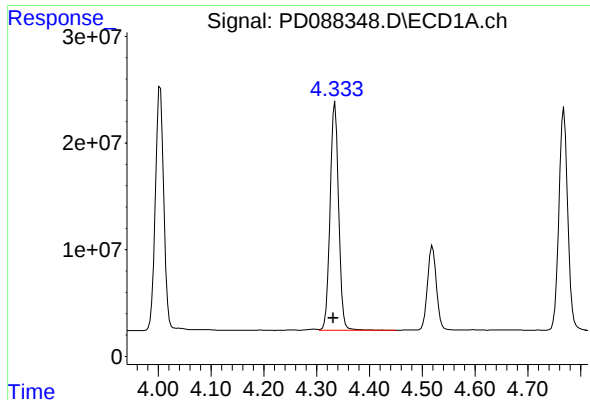
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.003 min
Response: 252744734
Conc: 58.61 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 1155562165
Conc: 50.55 ng/ml



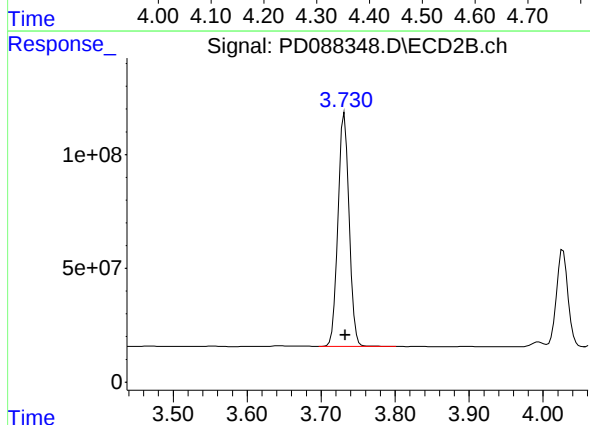
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.003 min
Response: 241750926
Conc: 57.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

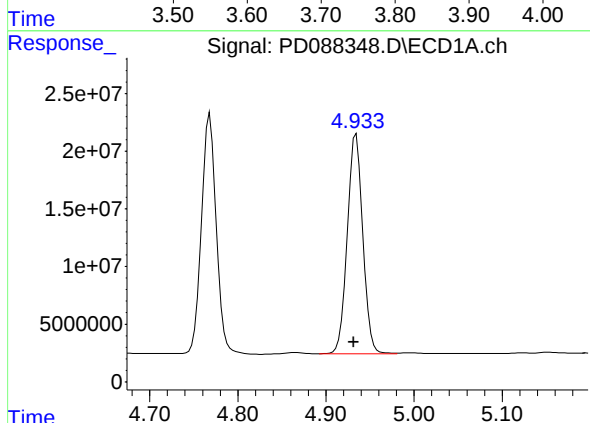
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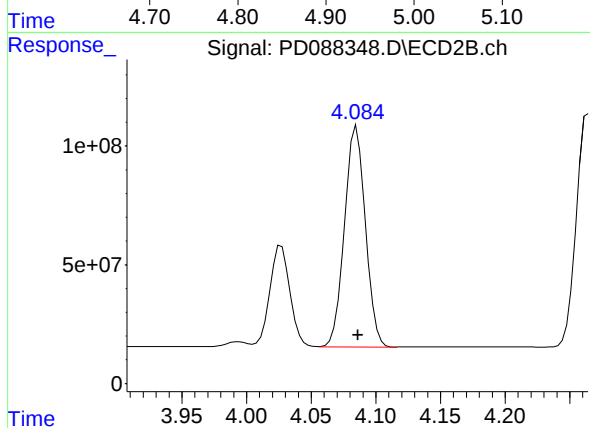
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.001 min
Response: 1072080725
Conc: 49.77 ng/ml



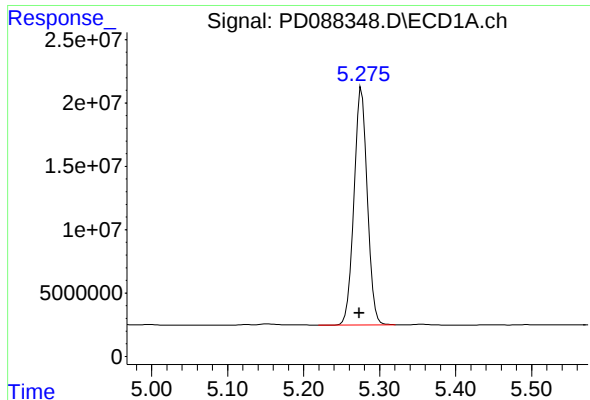
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.003 min
Response: 233046971
Conc: 57.70 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1044999173
Conc: 48.84 ng/ml



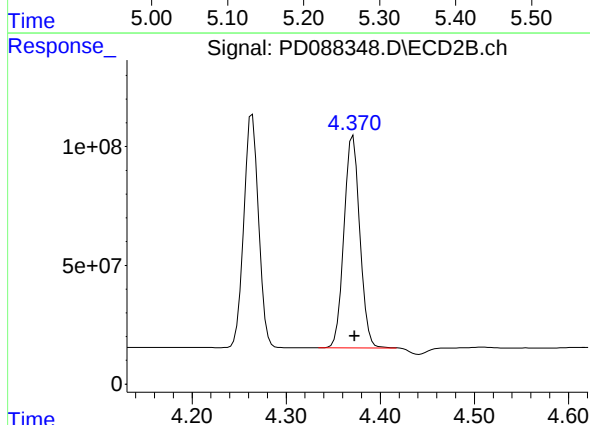
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.003 min
Response: 229712338
Conc: 58.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

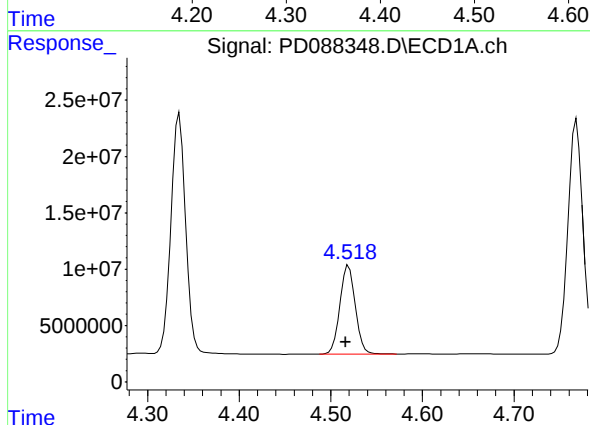
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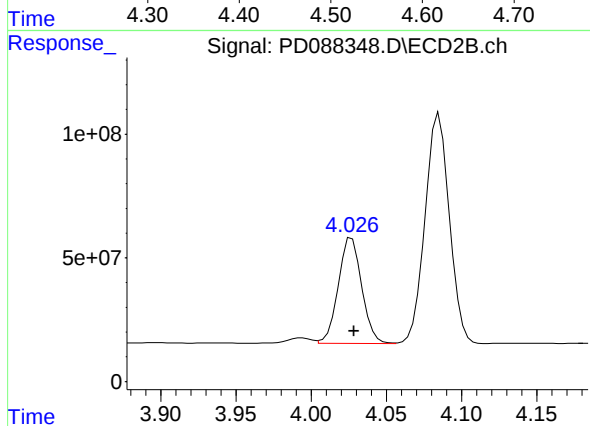
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 1047812990
Conc: 50.37 ng/ml



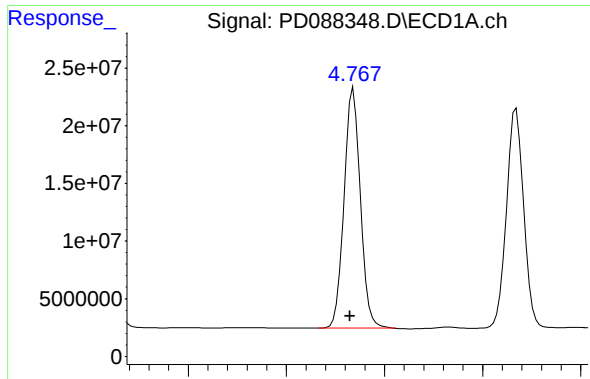
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.003 min
Response: 92420090
Conc: 56.93 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 463042304
Conc: 50.04 ng/ml



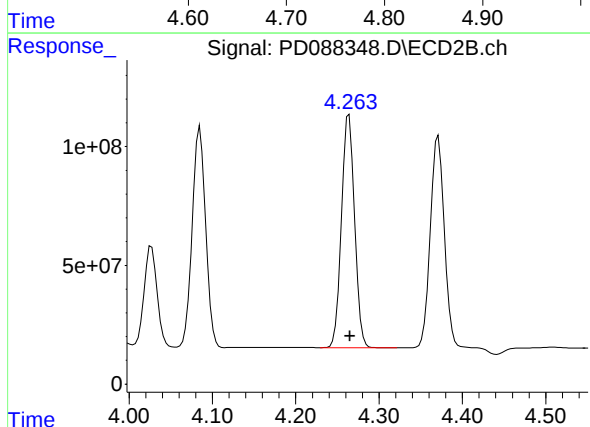
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.003 min
Response: 240853462
Conc: 58.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

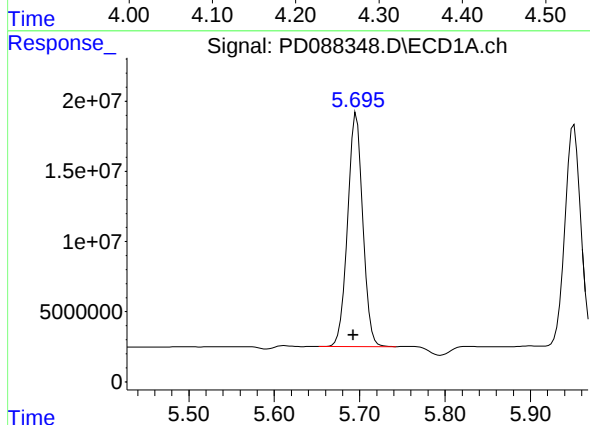
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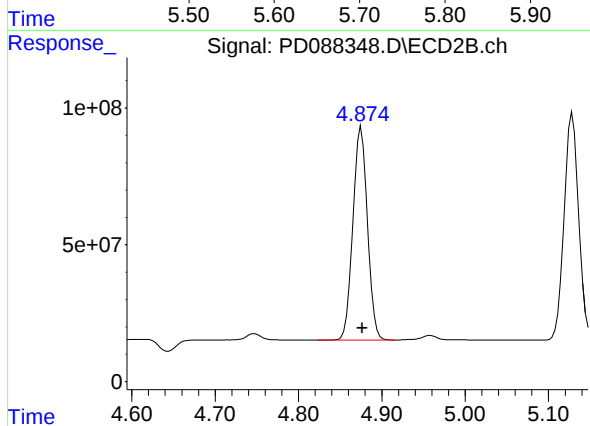
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1070829327
Conc: 50.36 ng/ml



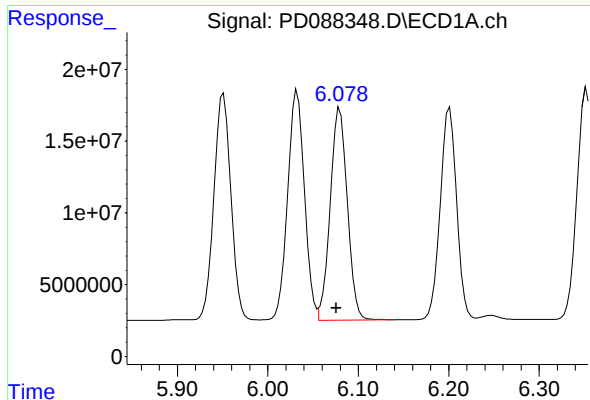
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.004 min
Response: 206053559
Conc: 57.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 941051027
Conc: 49.81 ng/ml



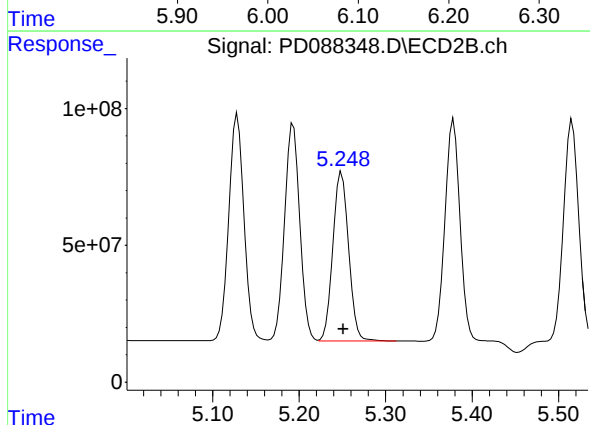
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 194185297
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

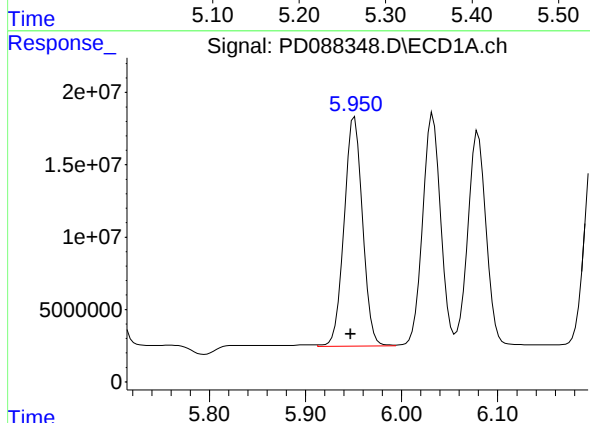
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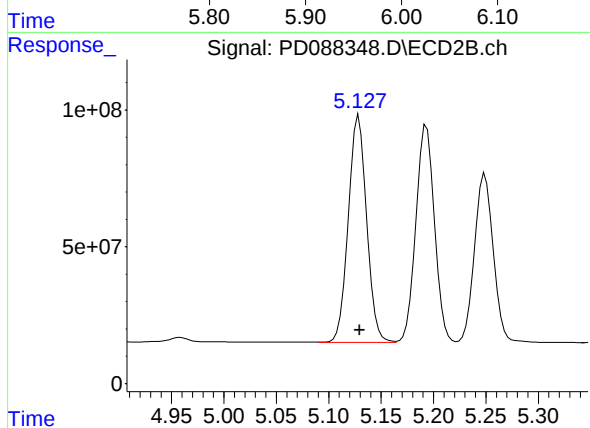
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 773008508
Conc: 42.92 ng/ml



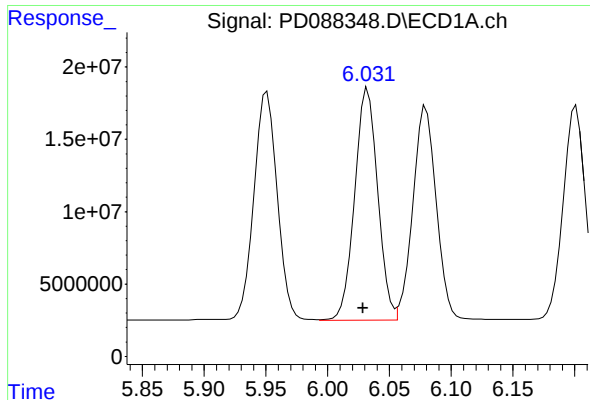
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.004 min
Response: 209802618
Conc: 57.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1013991283
Conc: 49.96 ng/ml



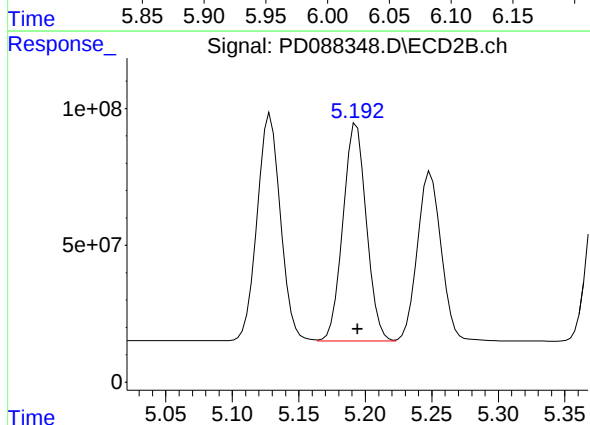
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 208243336
Conc: 57.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

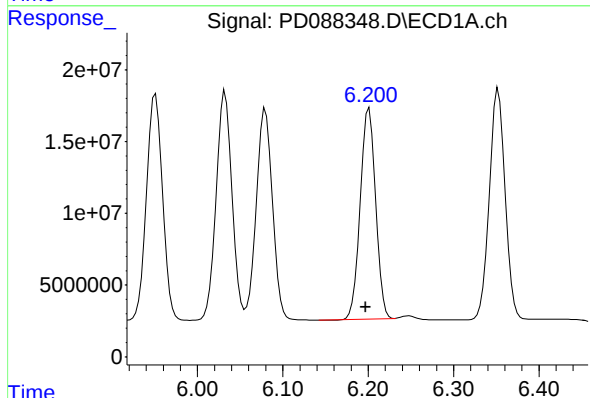
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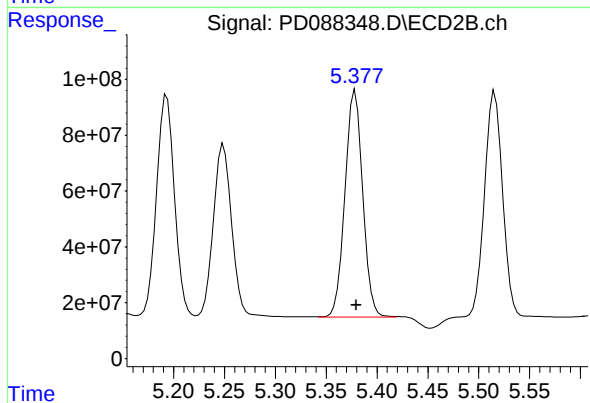
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 974301675
Conc: 49.70 ng/ml



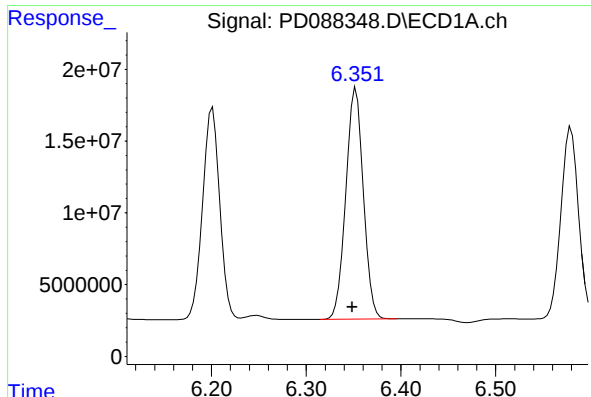
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.004 min
Response: 183294237
Conc: 55.57 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 985184863
Conc: 50.02 ng/ml m



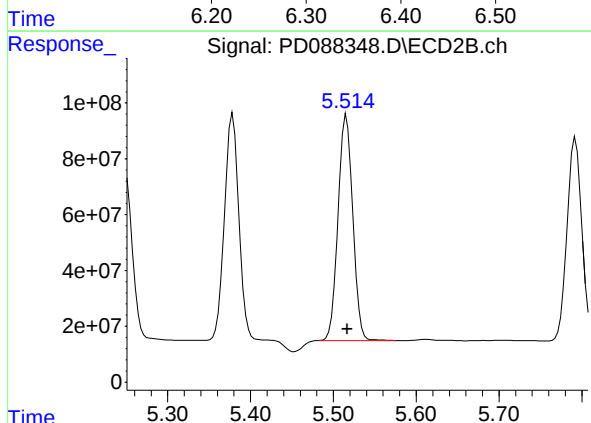
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.004 min
Response: 207125533
Conc: 58.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

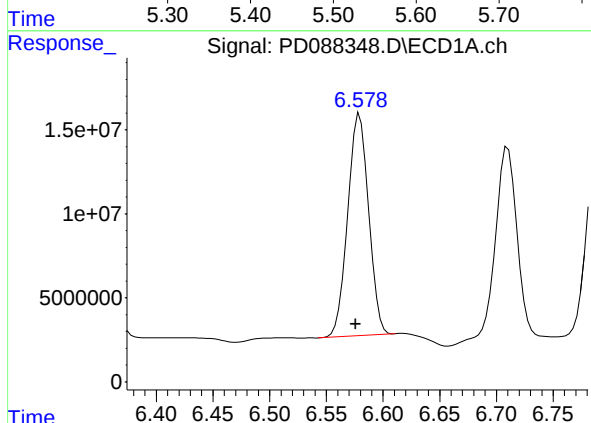
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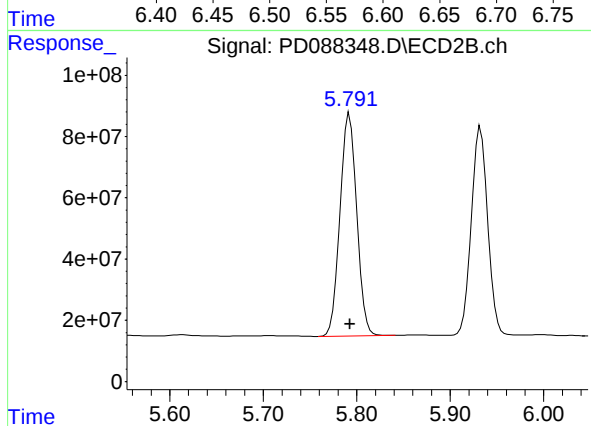
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 998513368
Conc: 50.09 ng/ml



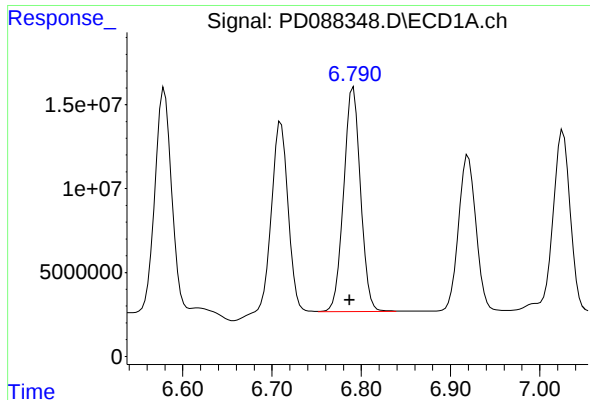
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.004 min
Response: 169714611
Conc: 56.90 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 905229909
Conc: 49.73 ng/ml



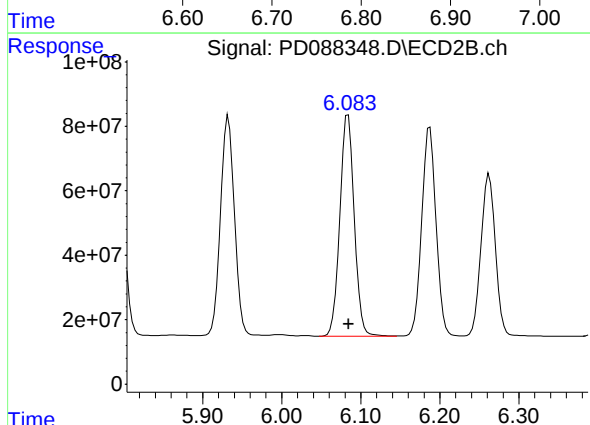
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.003 min
Response: 175348187
Conc: 56.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

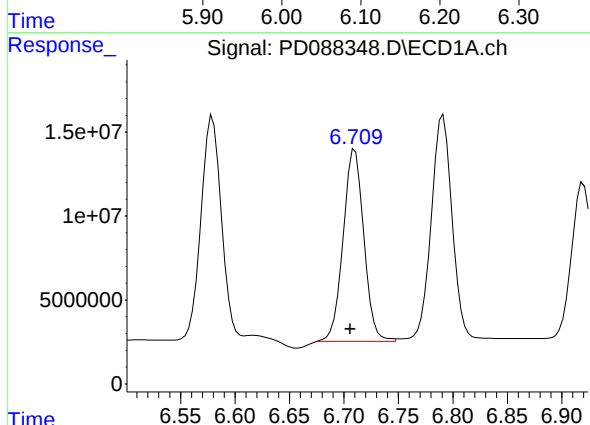
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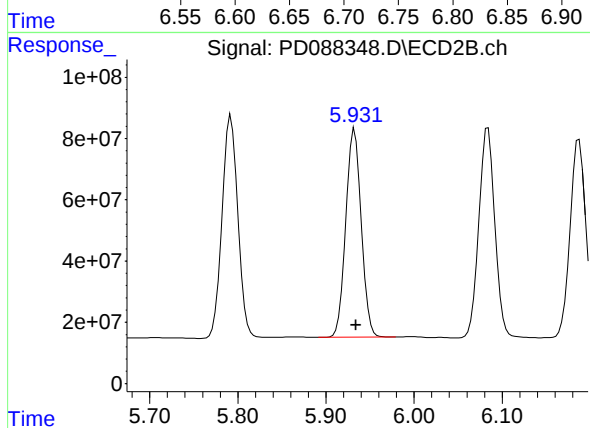
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 869678688
Conc: 49.63 ng/ml



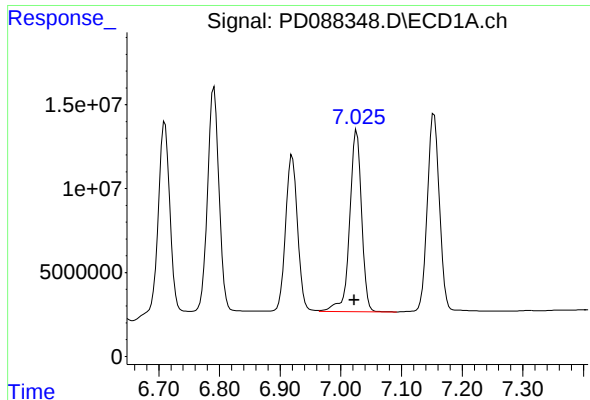
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 150833672
Conc: 59.97 ng/ml m



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.002 min
Response: 830744078
Conc: 50.70 ng/ml



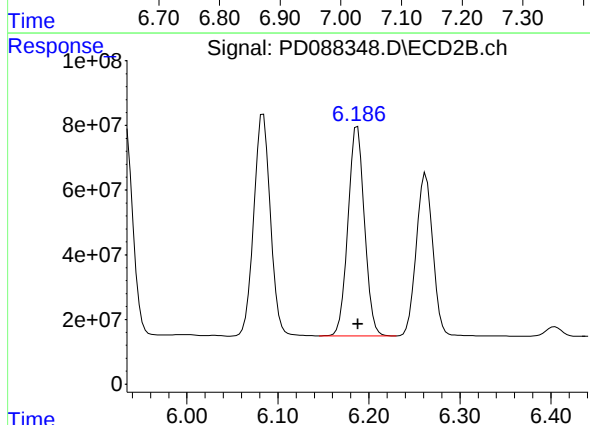
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 148723877
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

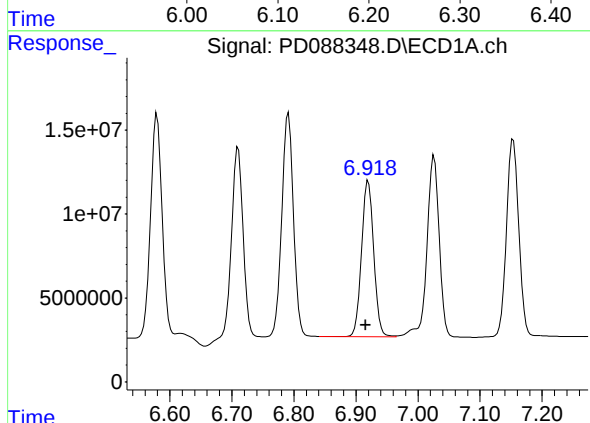
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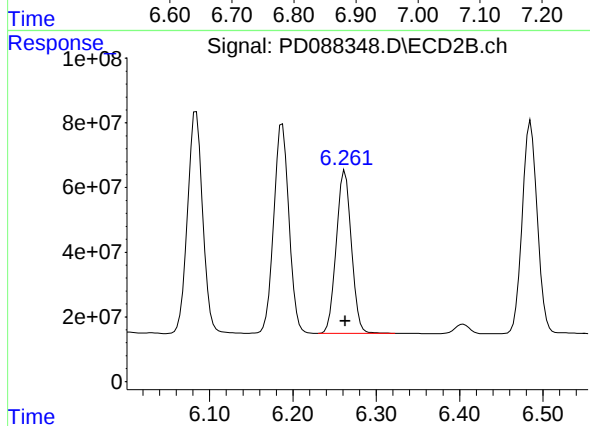
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 819579906
Conc: 48.16 ng/ml



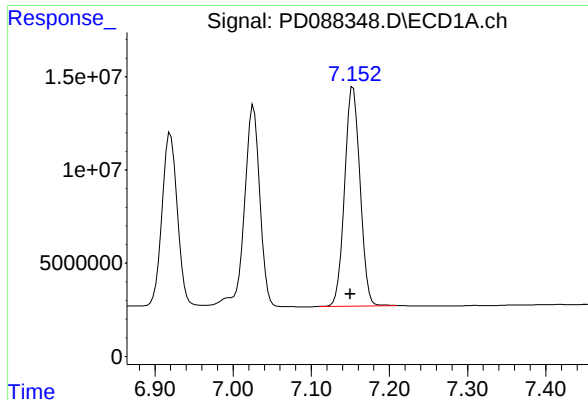
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.004 min
Response: 127249630
Conc: 55.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 634327928
Conc: 47.69 ng/ml



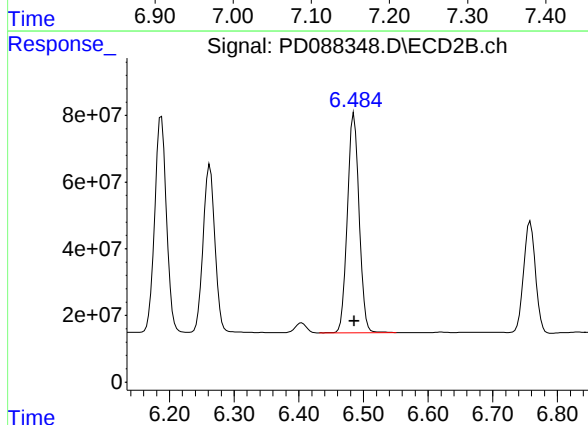
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.003 min
Response: 161573523
Conc: 56.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

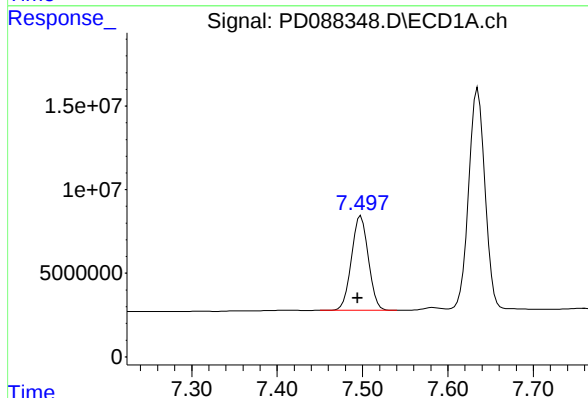
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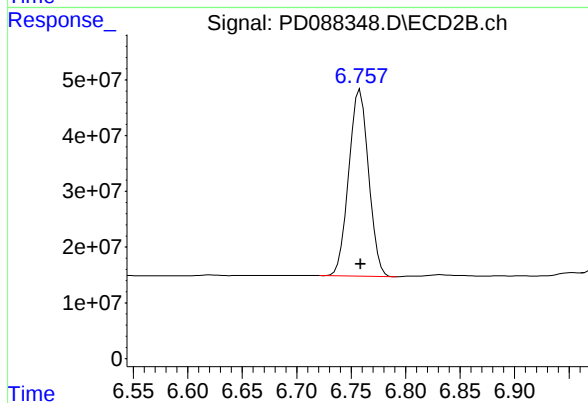
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 828790793
Conc: 48.37 ng/ml



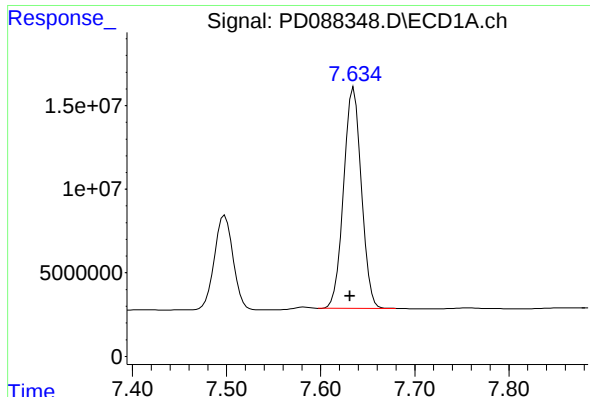
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 77965976
Conc: 51.99 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 424615591
Conc: 46.55 ng/ml



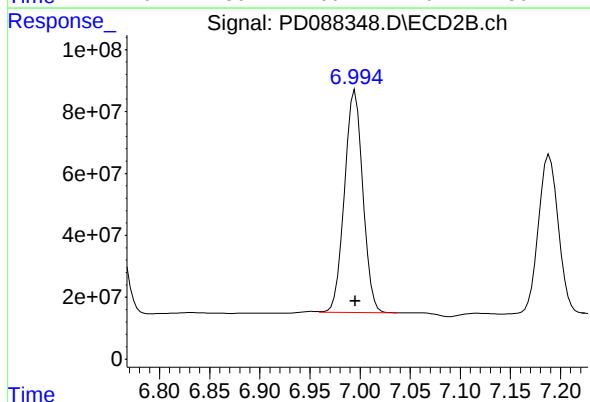
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: 0.004 min
Response: 173126652
Conc: 56.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

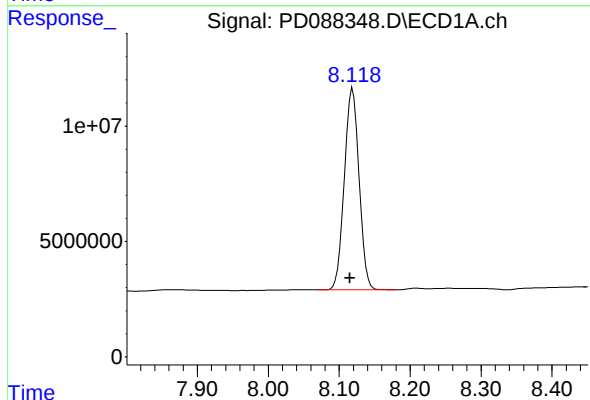
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



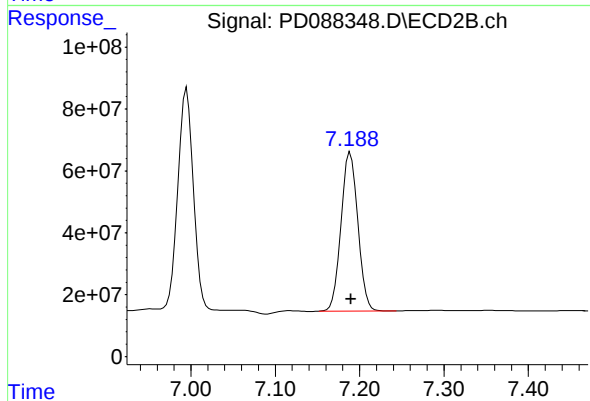
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 915172601
Conc: 48.93 ng/ml m



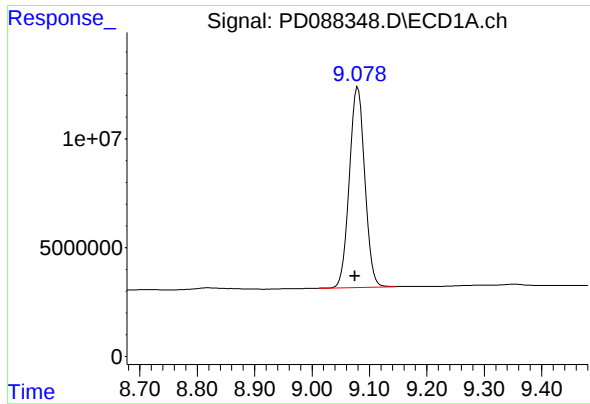
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 125855280
Conc: 53.59 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 709945552
Conc: 47.90 ng/ml



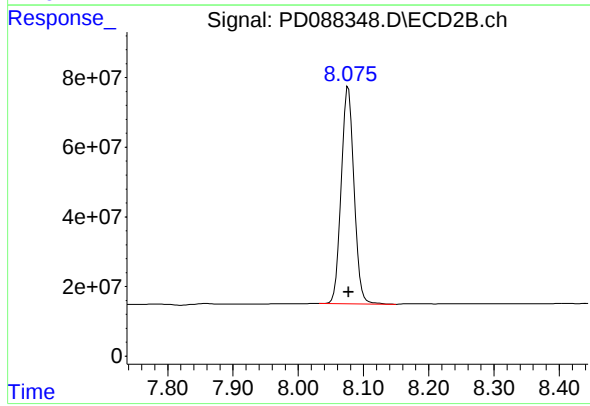
#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.005 min
Response: 174117709
Conc: 52.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 849573314
Conc: 45.97 ng/ml