

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052825\
 Data File : PD088755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2025 14:02
 Operator : AR\AJ
 Sample : Q2127-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/29/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 28 15:12:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.549	2.880	32381702	251.9E6	14.966	16.650
28)	SA Decachlor...	9.077	8.071	71616476	205.3E6	20.926	11.247 #
Target Compounds							
2)	A alpha-BHC	3.998	3.392	193.9E6	896.2E6	40.599	37.494
3)	MA gamma-BHC...	4.329	3.728	201.0E6	800.3E6	43.671	36.104
4)	MA Heptachlor	4.928	4.082	190.9E6	825.9E6	42.706	36.782
5)	MB Aldrin	5.269	4.366	188.9E6	767.7E6	42.974m	35.007m
6)	B beta-BHC	4.515	4.023	56439150	359.2E6	31.300	36.868m
7)	B delta-BHC	4.763	4.261	188.4E6	820.1E6	44.591	36.787
8)	B Heptachlo...	5.689	4.872	178.6E6	709.6E6	45.004	35.708
9)	A Endosulfan I	6.072	5.248	162.3E6	572.6E6	43.130m	30.173 #
10)	B gamma-Chl...	5.945	5.125	164.6E6	895.8E6	41.255	41.991
11)	B alpha-Chl...	6.026	5.189	159.7E6	825.6E6	39.870	40.028
12)	B 4,4'-DDE	6.195	5.374	143.8E6	626.1E6	40.057	29.952 #
13)	MA Dieldrin	6.346	5.511	156.0E6	960.9E6	38.897	45.662
14)	MA Endrin	6.573	5.788	165.1E6	648.5E6	48.343	33.627 #
15)	B Endosulfa...	6.785	6.078	133.3E6	742.0E6	38.716	40.500m
16)	A 4,4'-DDD	6.704	5.929	138.6E6	504.5E6	49.756	29.005 #
17)	MA 4,4'-DDT	7.019	6.181	143.9E6	839.0E6	46.086m	46.256
18)	B Endrin al...	6.912	6.258	105.5E6	518.9E6	40.967m	37.257
19)	B Endosulfa...	7.148	6.480	128.6E6	589.0E6	40.155	33.174m
20)	A Methoxychlor	7.491	6.752	59970737	296.6E6	35.899m	30.979m
21)	B Endrin ke...	7.629	6.990	135.7E6	505.3E6	39.638	26.118 #
22)	Mirex	8.111	7.184	122.0E6	386.2E6	46.950m	25.407 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052825\
Data File : PD088755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 May 2025 14:02
Operator : AR\AJ
Sample : Q2127-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

COMP-1MS

Manual Integrations

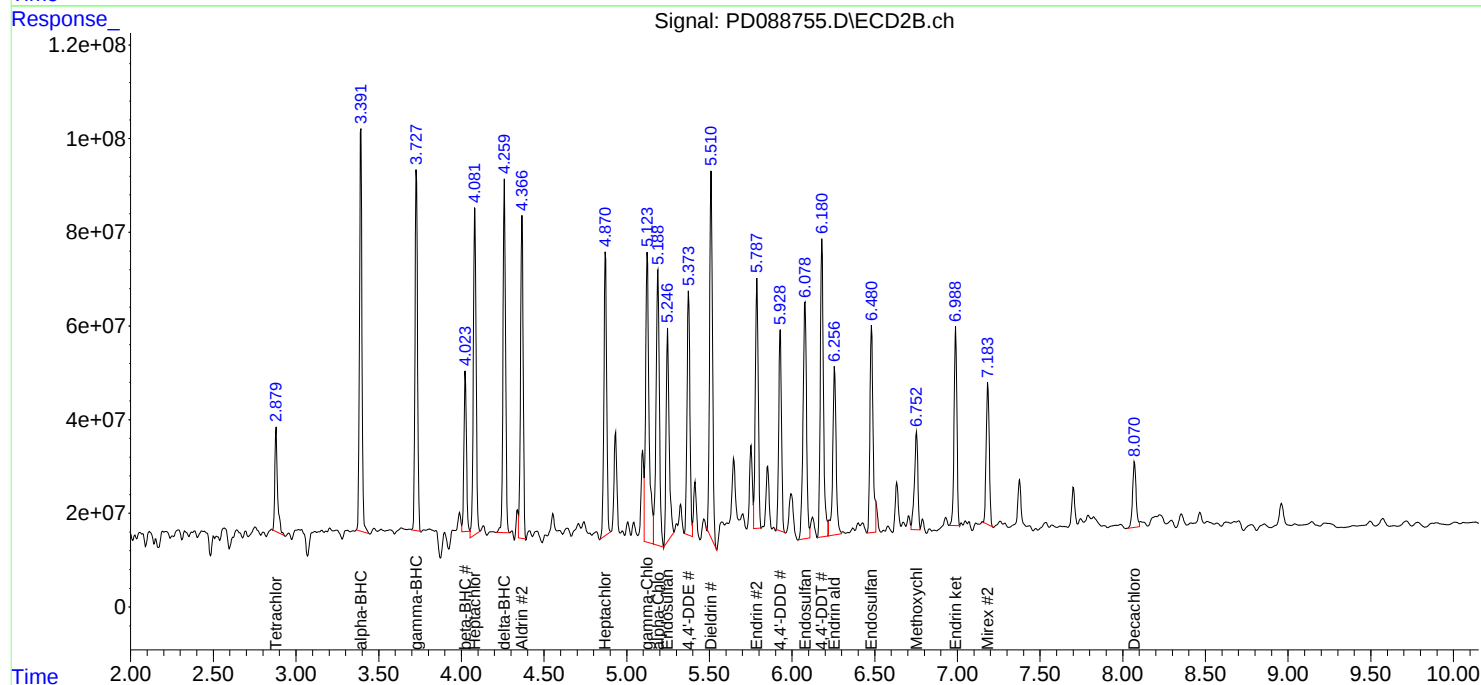
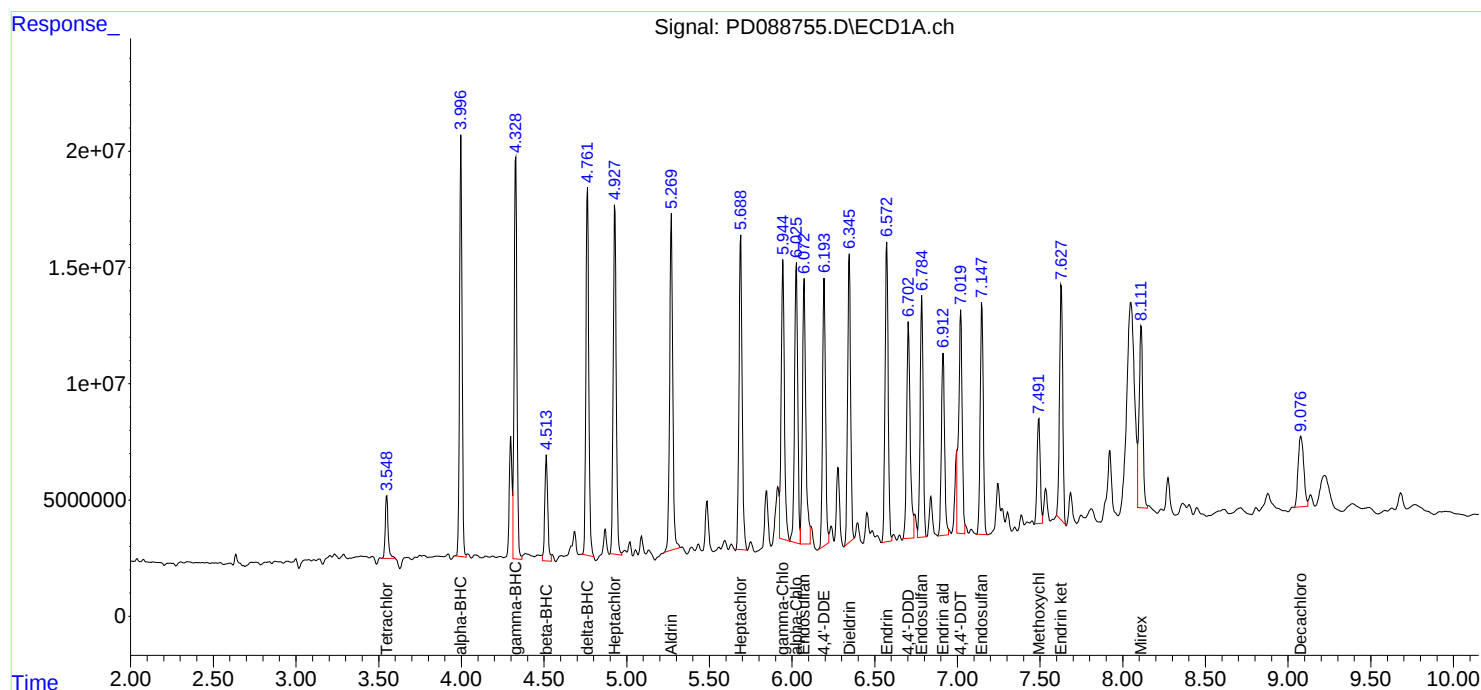
APPROVED

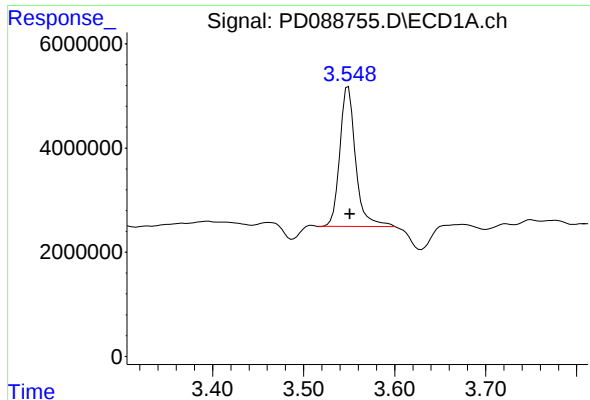
Reviewed By :Abdul Mirza 05/29/2025

Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 28 15:12:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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





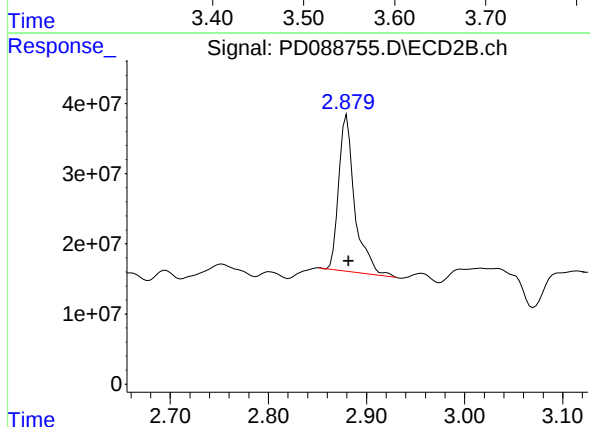
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 32381702
Conc: 14.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

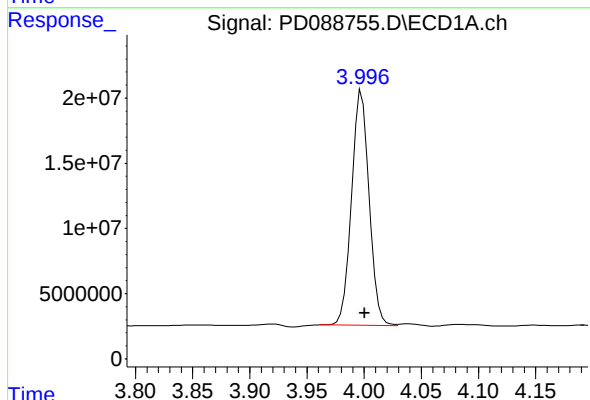
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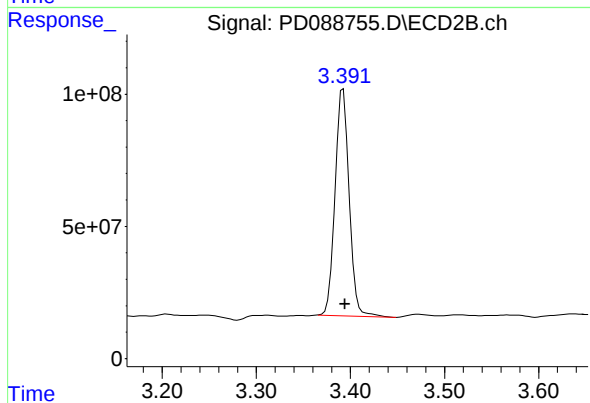
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 251856784
Conc: 16.65 ng/ml



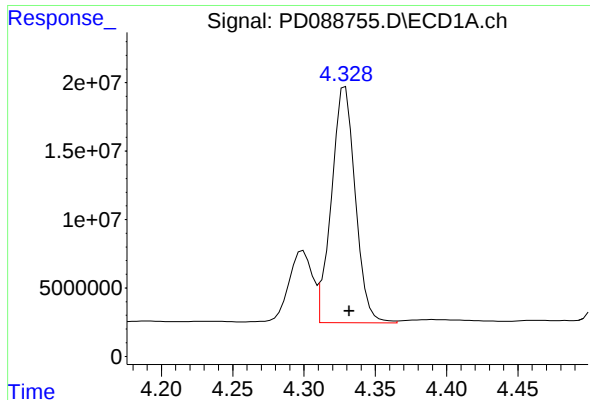
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 193924032
Conc: 40.60 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 896243822
Conc: 37.49 ng/ml



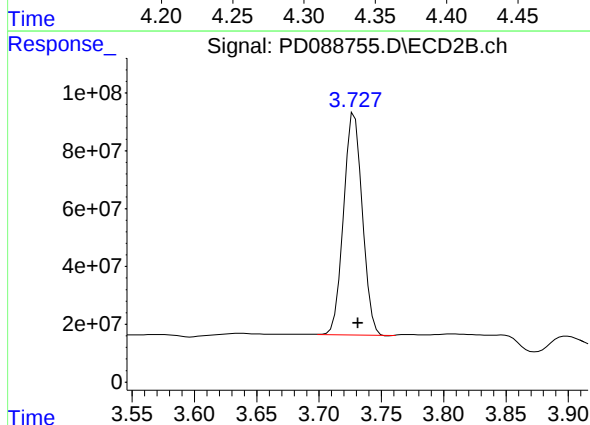
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 201006043
Conc: 43.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

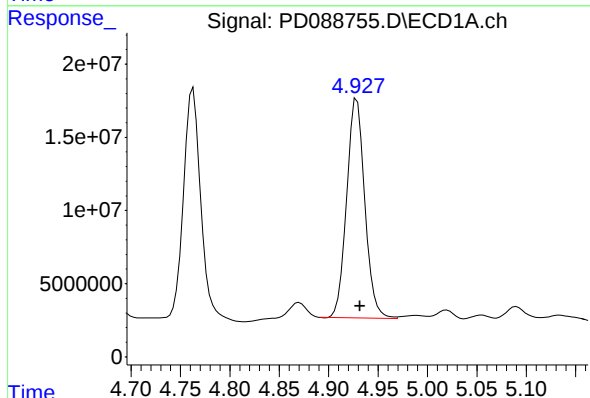
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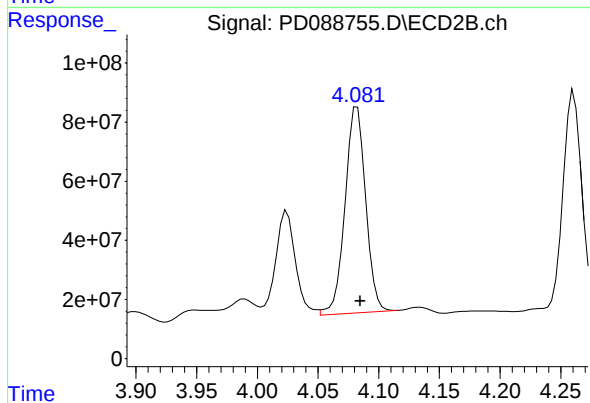
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 800280919
Conc: 36.10 ng/ml



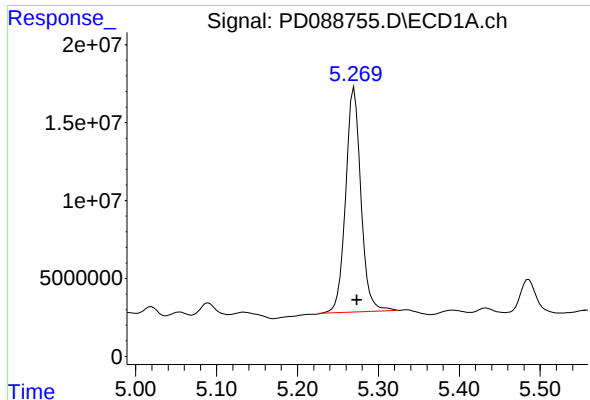
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.003 min
Response: 190949207
Conc: 42.71 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 825937108
Conc: 36.78 ng/ml



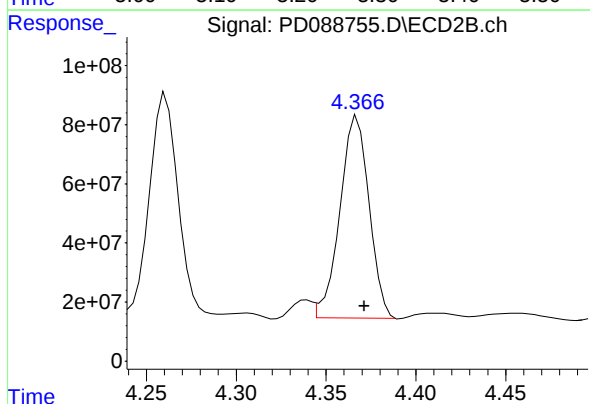
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 188850621
Conc: 42.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

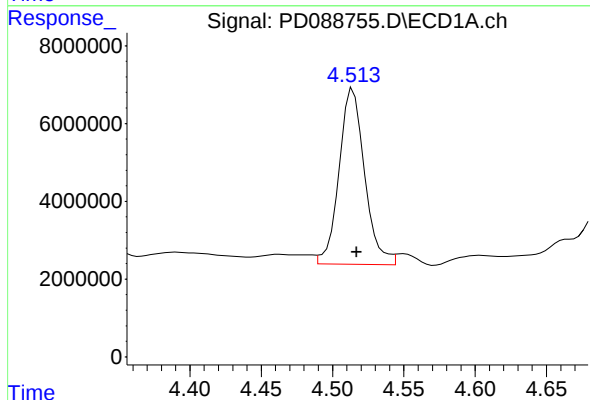
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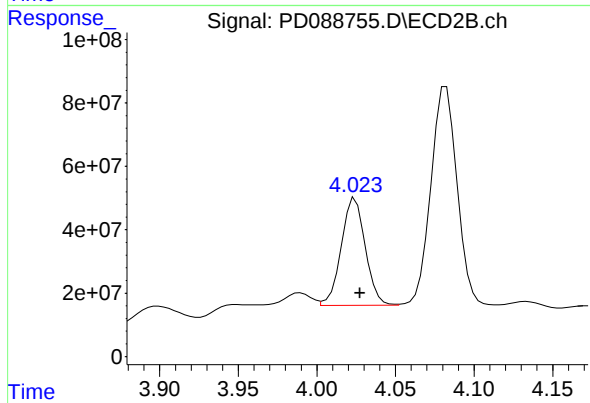
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 767689191
Conc: 35.01 ng/ml



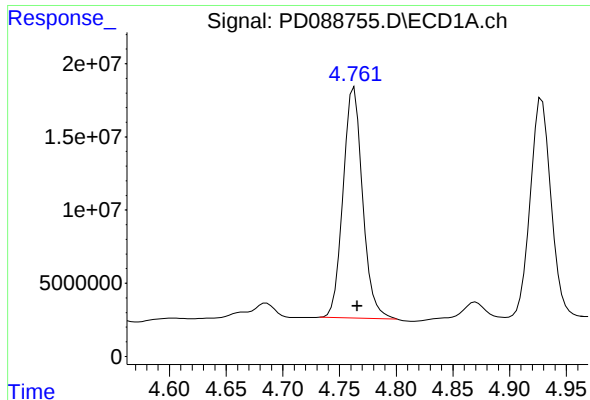
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 56439150
Conc: 31.30 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 359159636
Conc: 36.87 ng/ml



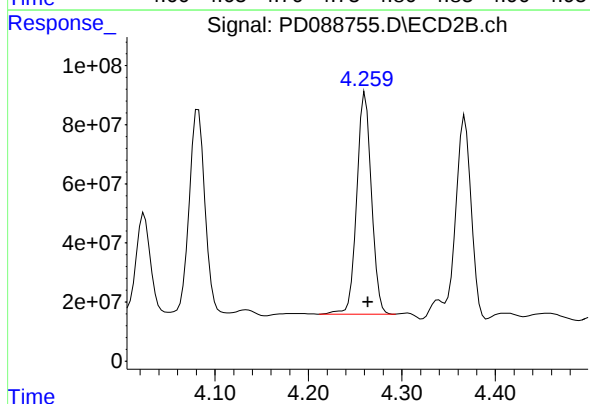
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.003 min
Response: 188446035
Conc: 44.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

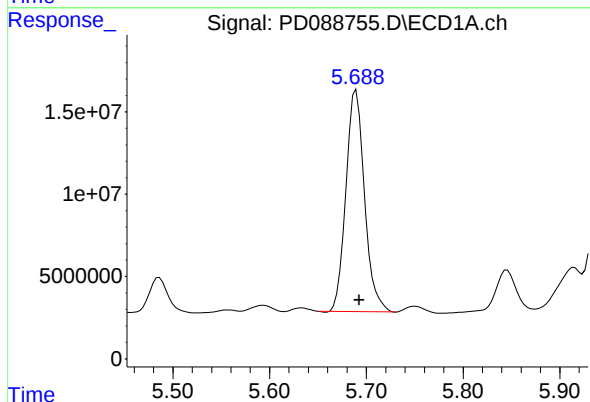
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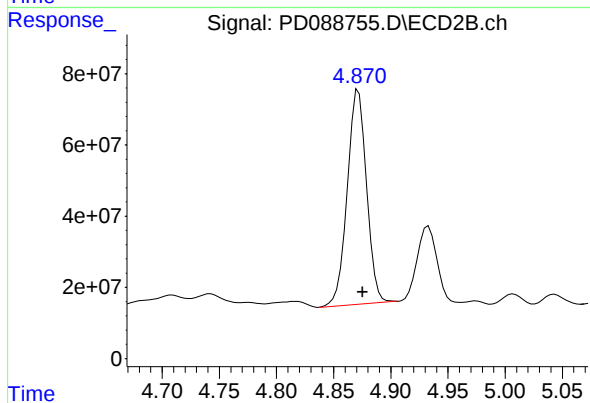
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.003 min
Response: 820129462
Conc: 36.79 ng/ml



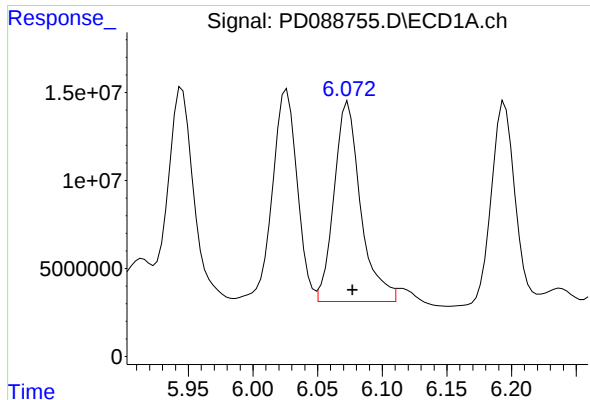
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 178634862
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: -0.004 min
Response: 709560079
Conc: 35.71 ng/ml



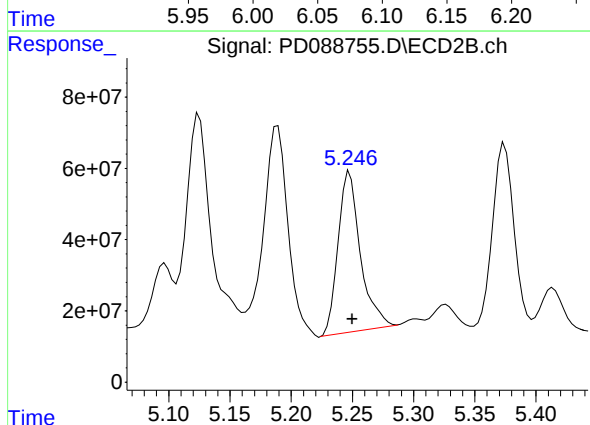
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 162296338
Conc: 43.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

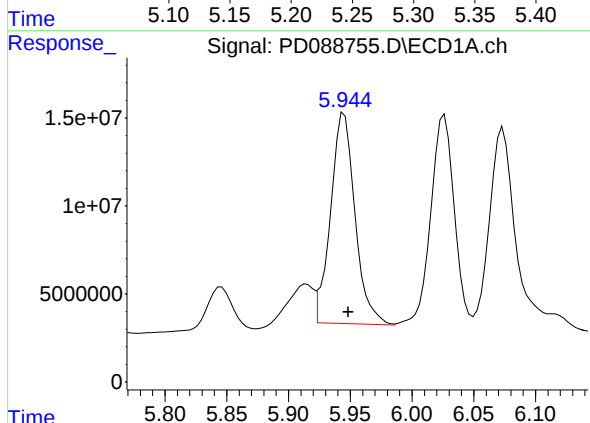
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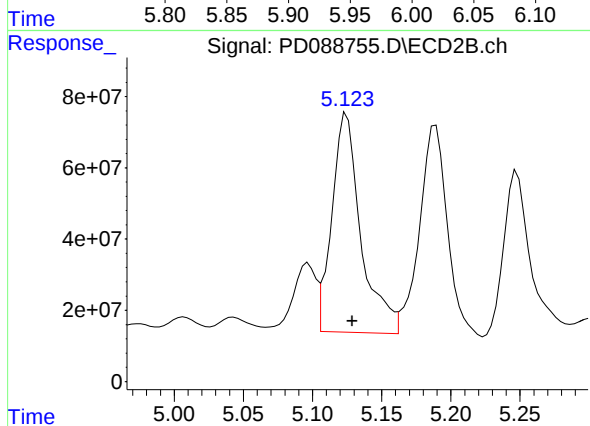
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.002 min
Response: 572642330
Conc: 30.17 ng/ml



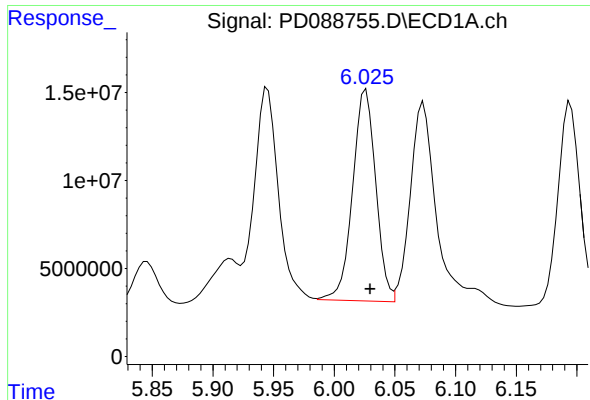
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 164565342
Conc: 41.26 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 895755105
Conc: 41.99 ng/ml



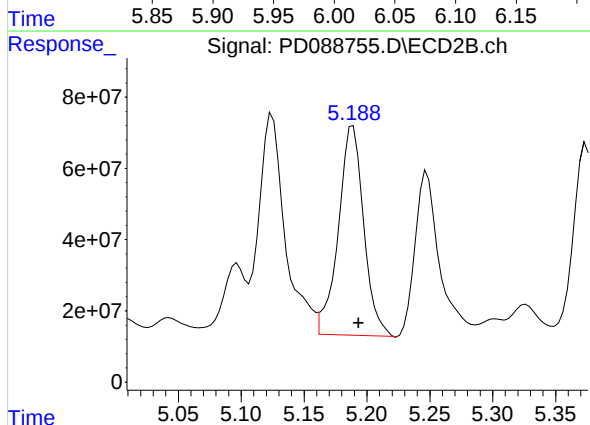
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 159731854
Conc: 39.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

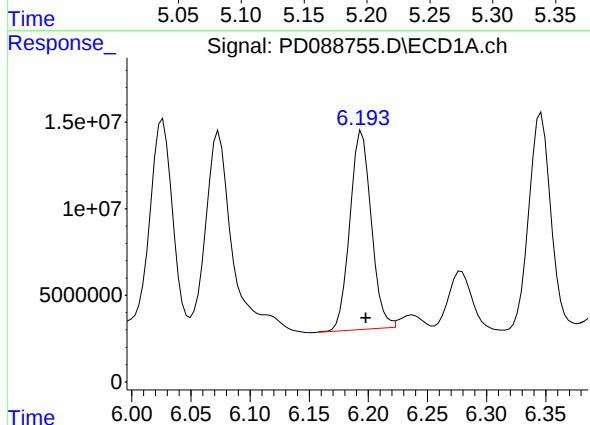
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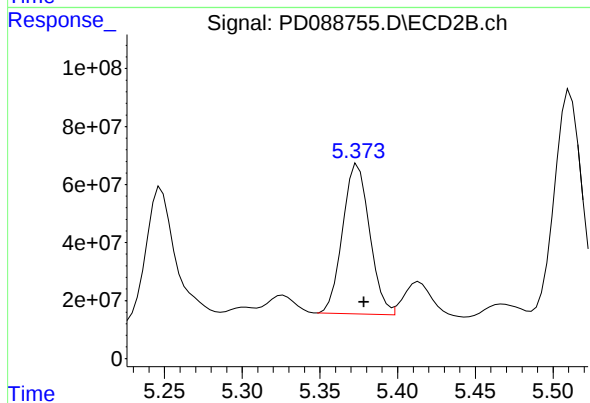
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 825568793
Conc: 40.03 ng/ml



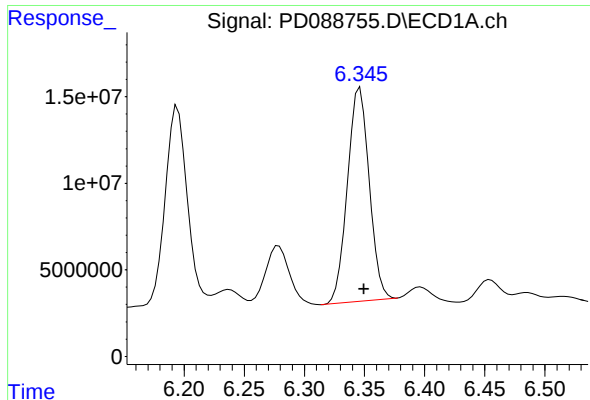
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 143779518
Conc: 40.06 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.004 min
Response: 626083612
Conc: 29.95 ng/ml



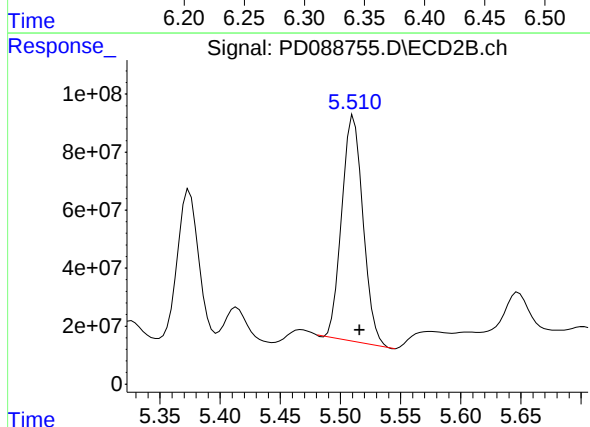
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 156045576
Conc: 38.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

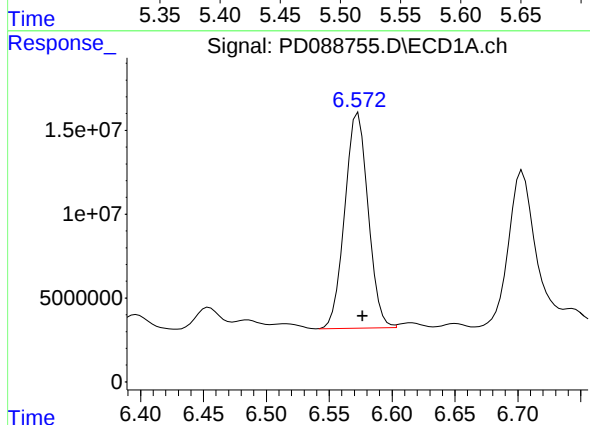
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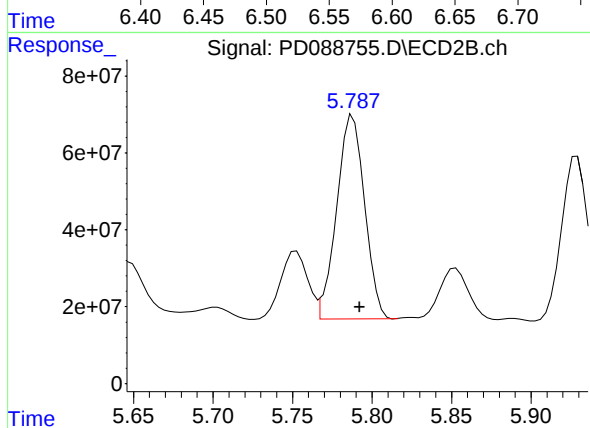
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 960918008
Conc: 45.66 ng/ml



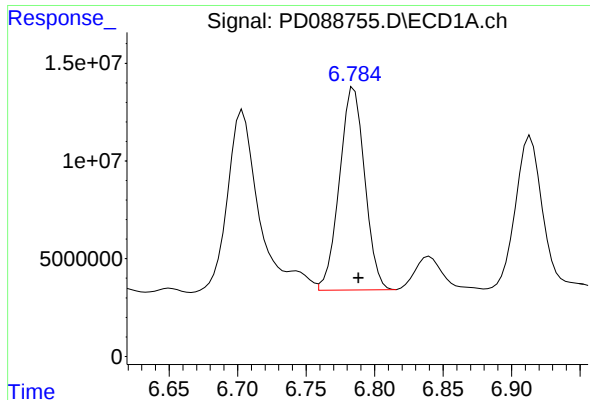
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.004 min
Response: 165101438
Conc: 48.34 ng/ml



#14 Endrin

R.T.: 5.788 min
Delta R.T.: -0.004 min
Response: 648468418
Conc: 33.63 ng/ml



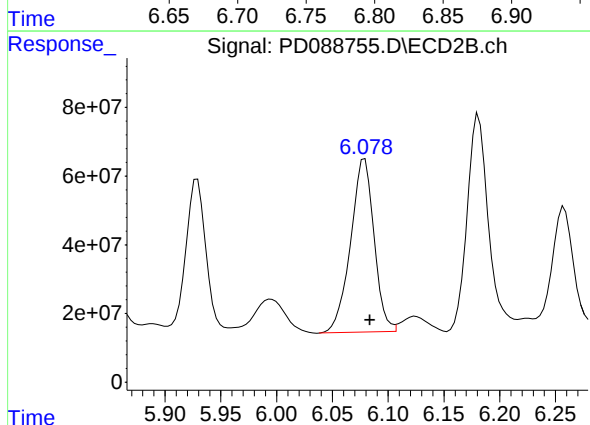
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 133321067
Conc: 38.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

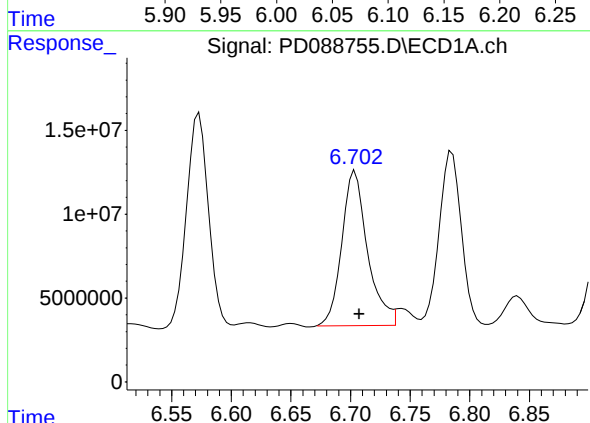
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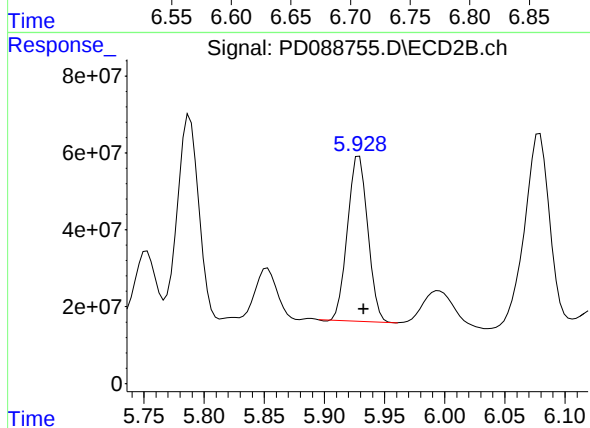
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.006 min
Response: 742033918
Conc: 40.50 ng/ml



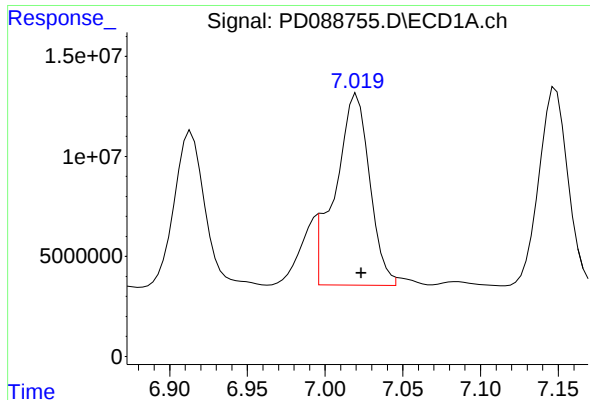
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 138575463
Conc: 49.76 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 504457565
Conc: 29.00 ng/ml



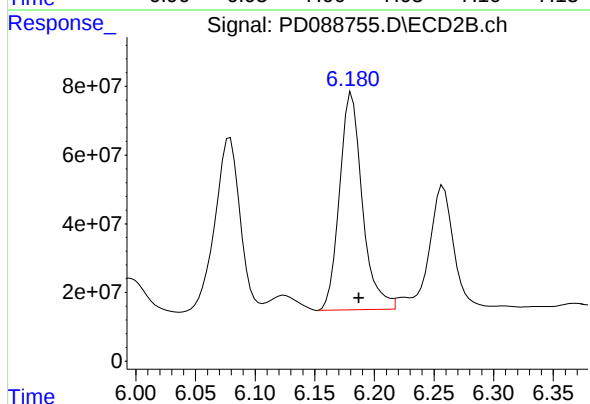
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 143881004
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

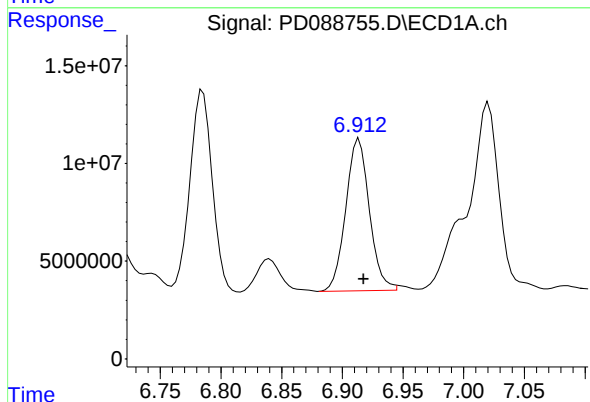
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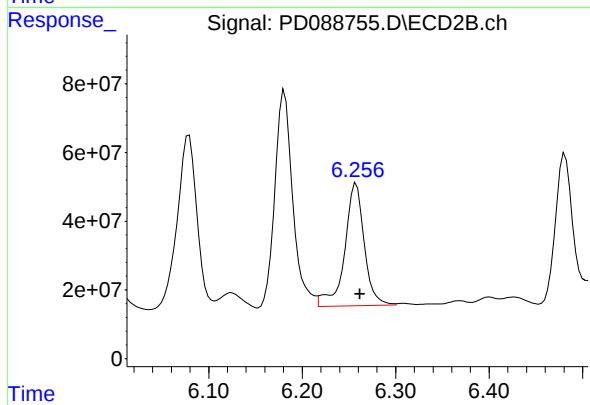
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 838960380
Conc: 46.26 ng/ml



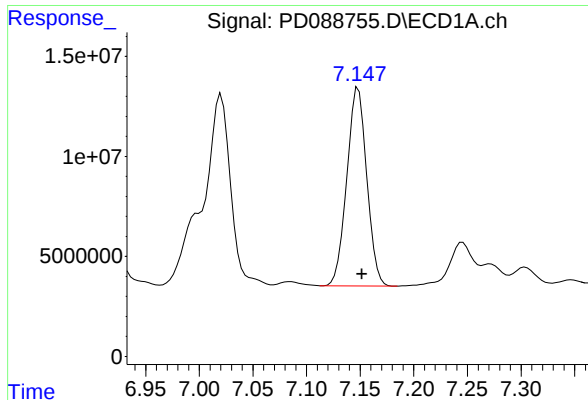
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 105474433
Conc: 40.97 ng/ml m



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 518948426
Conc: 37.26 ng/ml



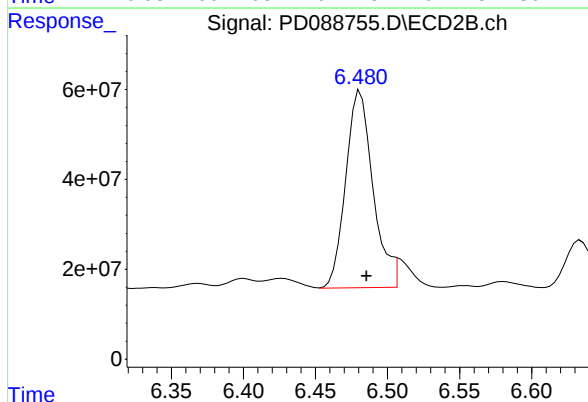
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.003 min
Response: 128619602
Conc: 40.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

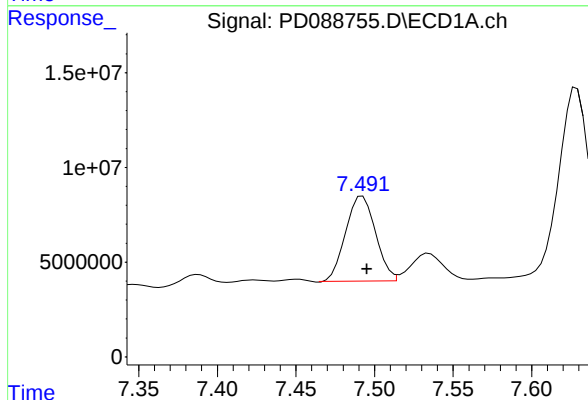
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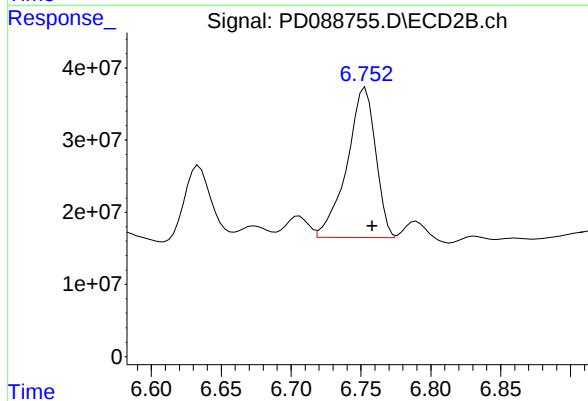
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 589029789
Conc: 33.17 ng/ml



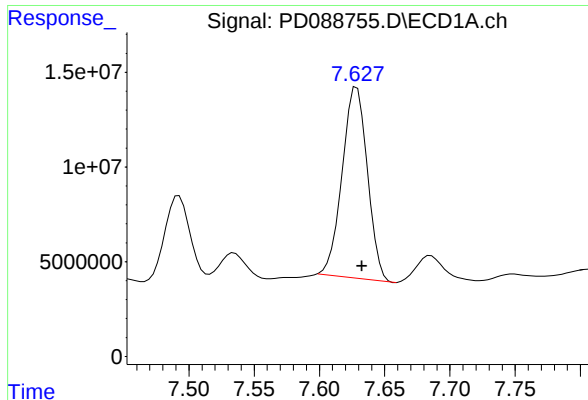
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 59970737
Conc: 35.90 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.006 min
Response: 296614899
Conc: 30.98 ng/ml



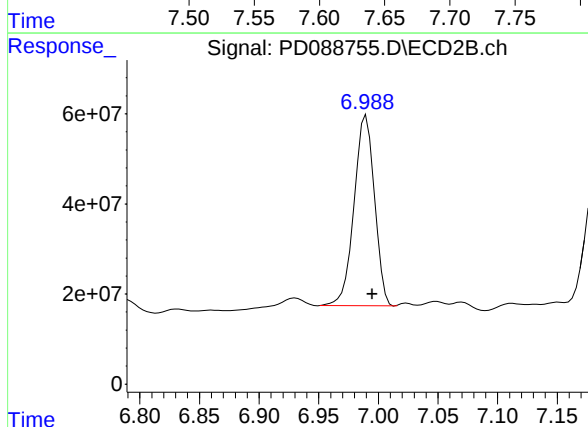
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 135686516
Conc: 39.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

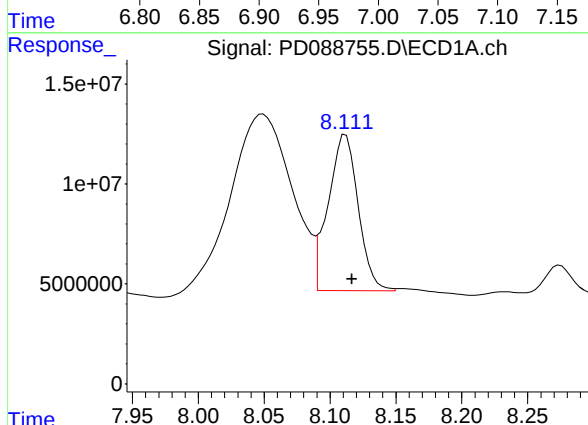
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



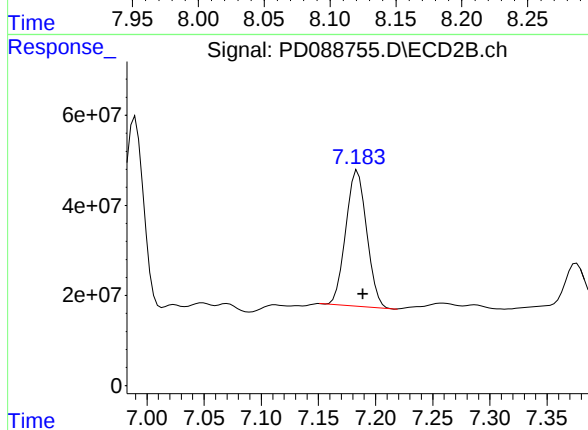
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 505310999
Conc: 26.12 ng/ml



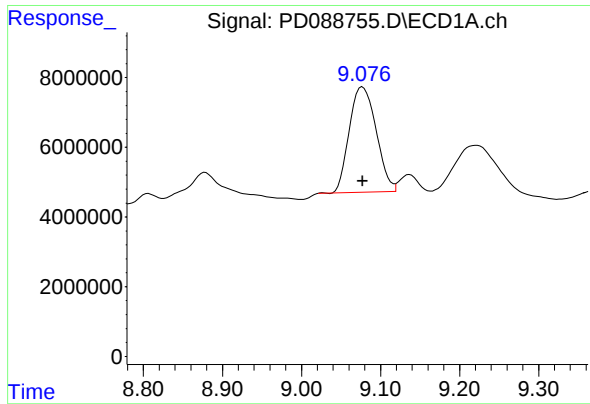
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 121989542
Conc: 46.95 ng/ml m



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.005 min
Response: 386239054
Conc: 25.41 ng/ml



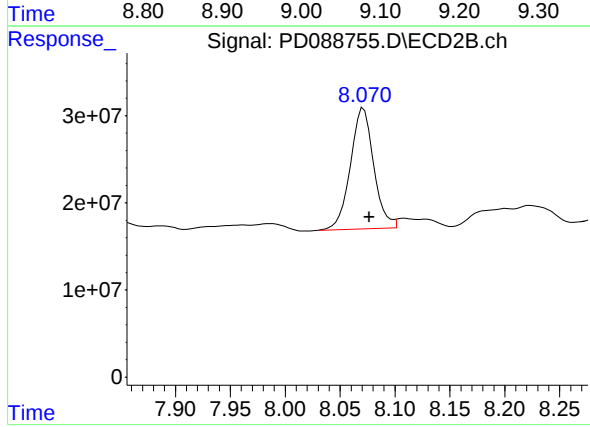
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 71616476
Conc: 20.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMP-1MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 205329937
Conc: 11.25 ng/ml