

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 11:50
 Operator : AR\AJ
 Sample : Q2062-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

L1-WC-1MS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 03:30:43 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...	3.551	2.882	35356691	273.8E6	16.340	18.101
28)	SA Decachlor...	9.077	8.075	43576405	185.4E6	12.733	10.154
Target Compounds							
2)	A alpha-BHC	4.001	3.395	205.9E6	1086.9E6	43.112	45.472
3)	MA gamma-BHC...	4.332	3.731	189.9E6	981.0E6	41.269	44.259
4)	MA Heptachlor	4.931	4.084	177.2E6	960.9E6	39.628	42.794
5)	MB Aldrin	5.273	4.370	168.9E6	944.1E6	38.423	43.052
6)	B beta-BHC	4.517	4.026	71700912	436.1E6	39.764	44.766
7)	B delta-BHC	4.765	4.263	178.5E6	970.6E6	42.241	43.536
8)	B Heptachlo...	5.691	4.874	148.3E6	810.4E6	37.356m	40.783
9)	A Endosulfan I	6.077	5.248	131.9E6	735.0E6	35.055	38.727
10)	B gamma-Chl...	5.948	5.127	147.3E6	898.0E6	36.922	42.094
11)	B alpha-Chl...	6.029	5.192	150.6E6	842.5E6	37.592	40.850
12)	B 4,4'-DDE	6.198	5.377	123.6E6	801.5E6	34.422	38.345
13)	MA Dieldrin	6.349	5.514	139.6E6	802.9E6	34.793	38.154
14)	MA Endrin	6.576	5.791	117.9E6	711.0E6	34.513	36.868
15)	B Endosulfa...	6.788	6.082	118.0E6	650.0E6	34.257	35.478
16)	A 4,4'-DDD	6.707	5.931	102.5E6	642.3E6	36.817	36.930
17)	MA 4,4'-DDT	7.022	6.185	85407737	535.2E6	27.356m	29.511
18)	B Endrin al...	6.917	6.260	84068915	447.6E6	32.653	32.135
19)	B Endosulfa...	7.152	6.483	109.1E6	586.3E6	34.053	33.021
20)	A Methoxychlor	7.495	6.756	47876690	280.4E6	28.659	29.286
21)	B Endrin ke...	7.633	6.992	113.1E6	572.8E6	33.037	29.606
22)	Mirex	8.117	7.187	89222841	422.3E6	34.339	27.779

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 11:50
Operator : AR\AJ
Sample : Q2062-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

L1-WC-1MS

Manual Integrations

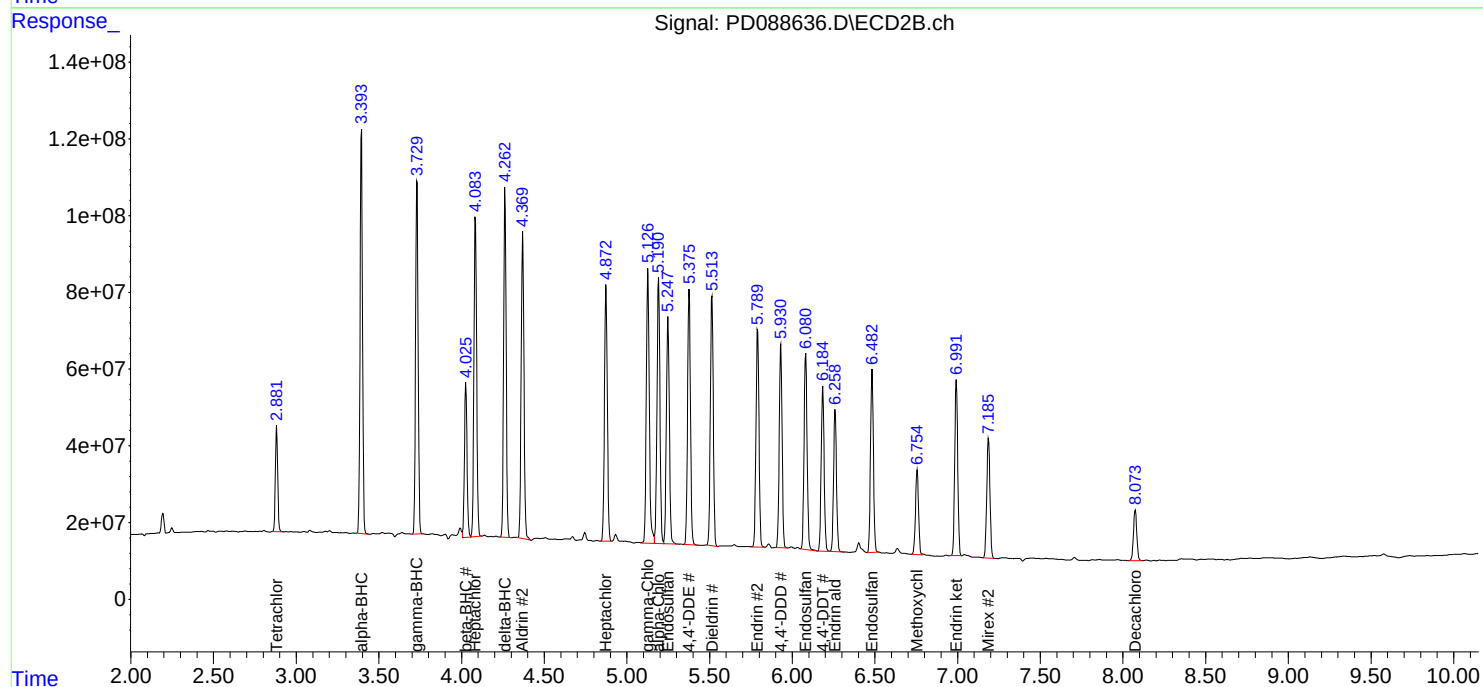
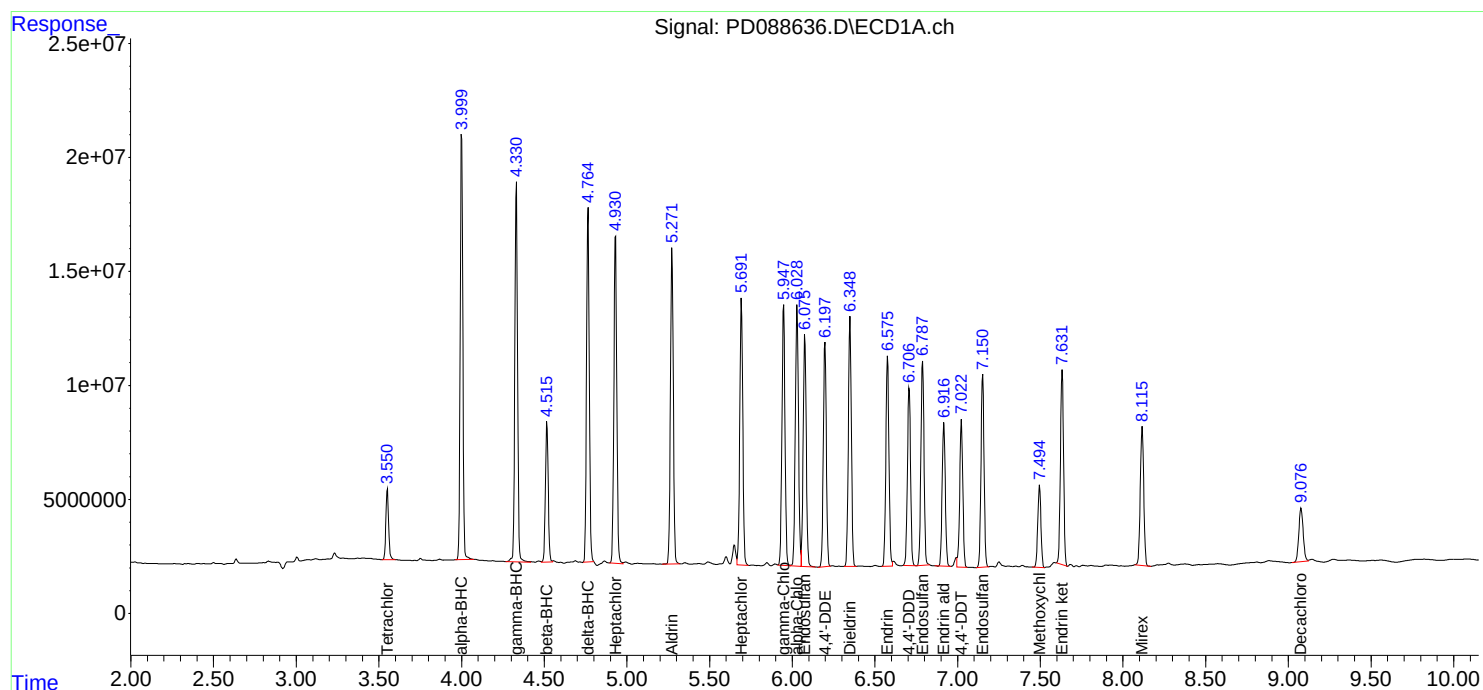
APPROVED

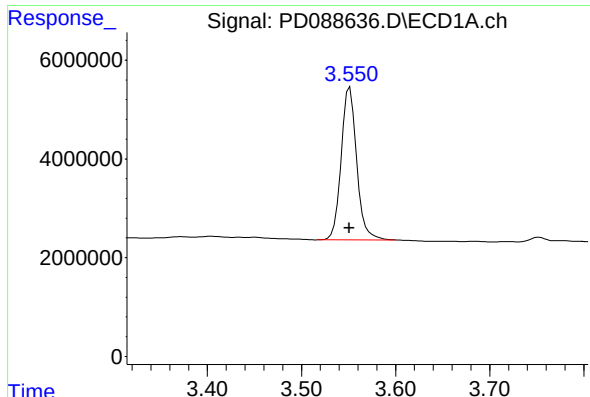
Reviewed By :Abdul Mirza 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:30:43 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





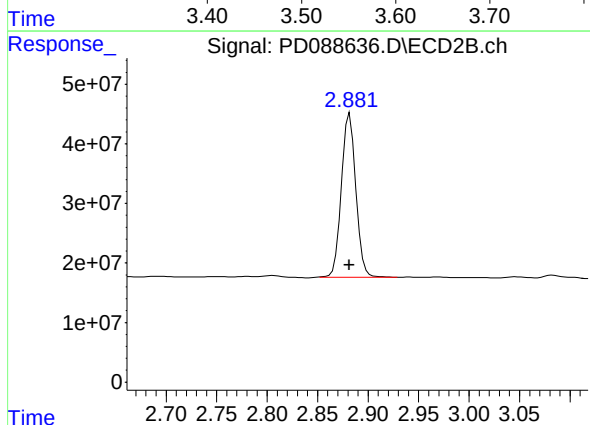
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 35356691
Conc: 16.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

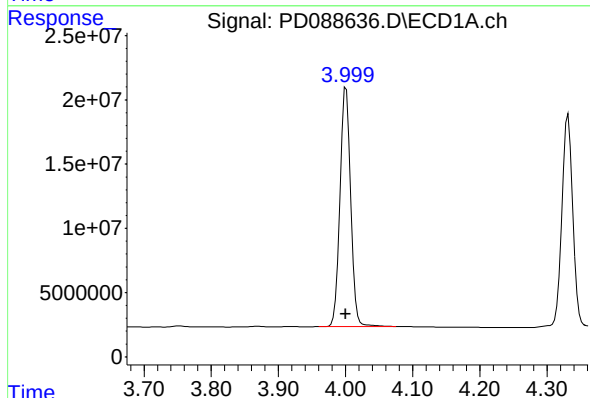
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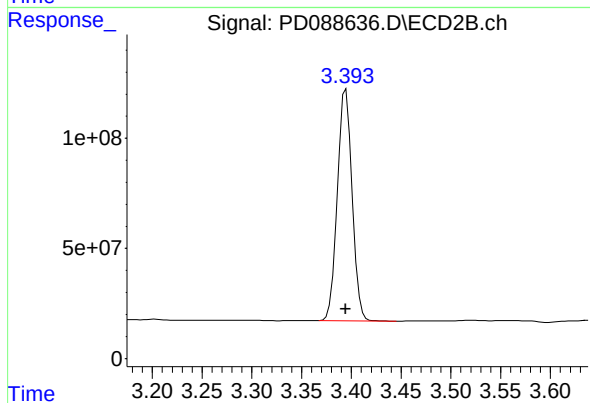
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 273812080
Conc: 18.10 ng/ml



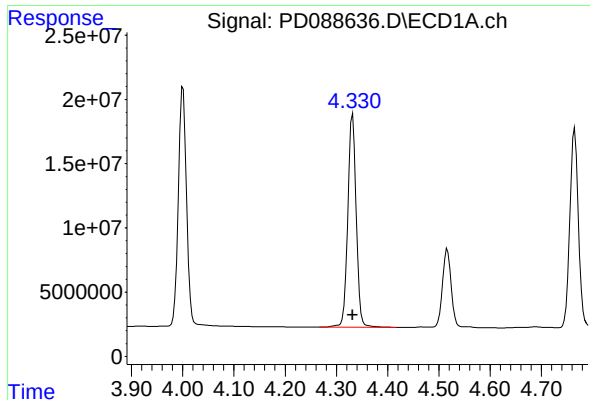
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 205926484
Conc: 43.11 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 1086947360
Conc: 45.47 ng/ml



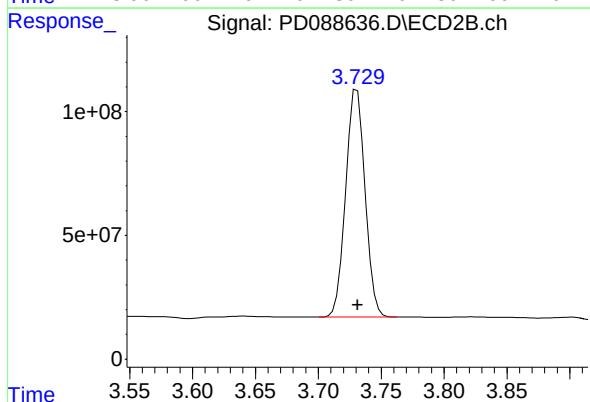
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 189947881
Conc: 41.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

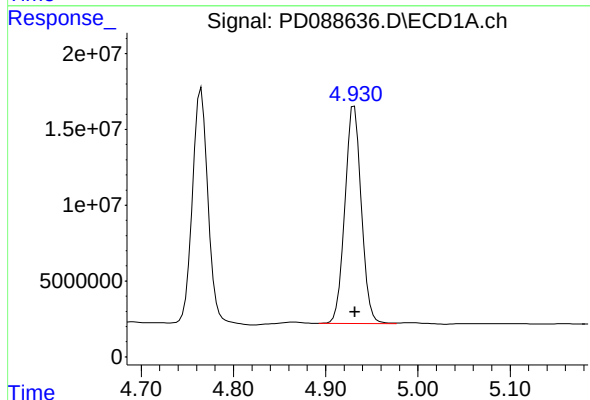
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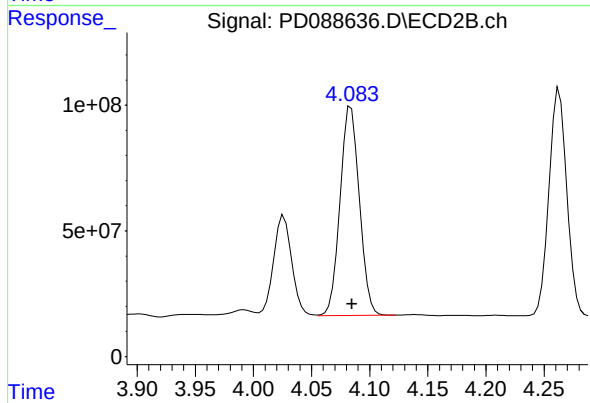
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 981038367
Conc: 44.26 ng/ml



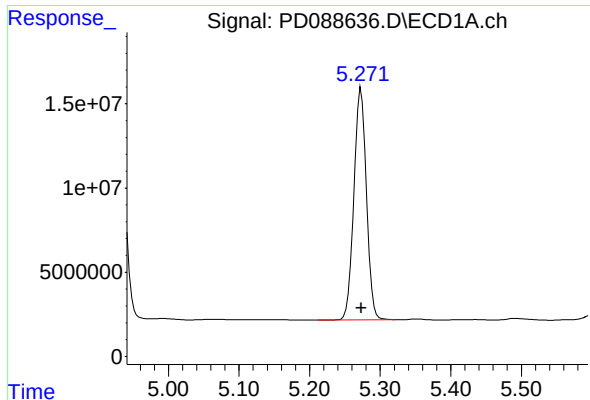
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 177187378
Conc: 39.63 ng/ml



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: 0.000 min
Response: 960924393
Conc: 42.79 ng/ml



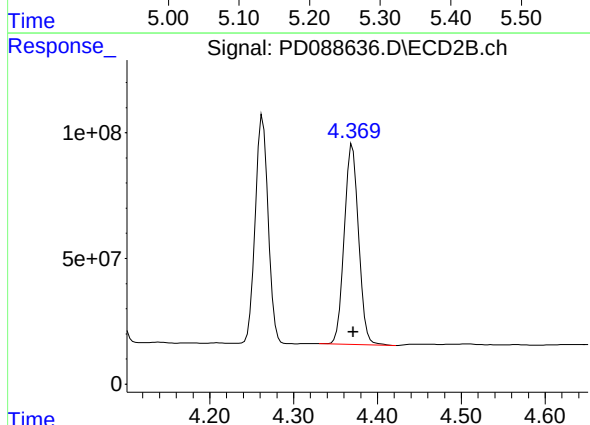
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 168850096
Conc: 38.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

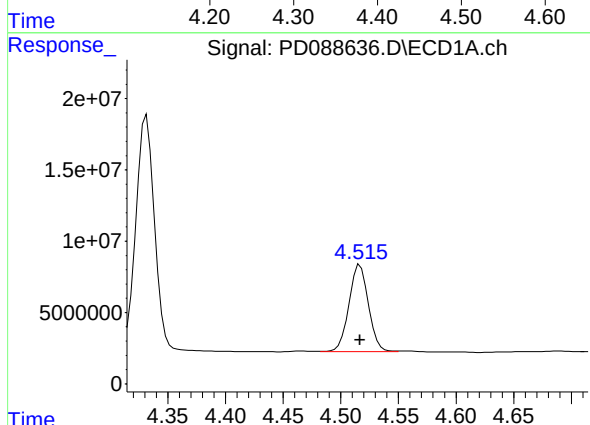
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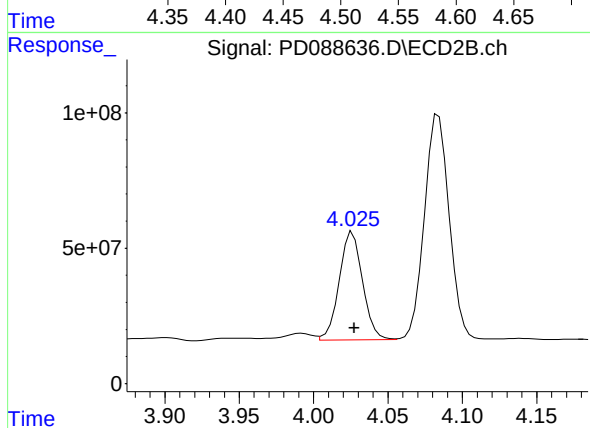
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 944129659
Conc: 43.05 ng/ml



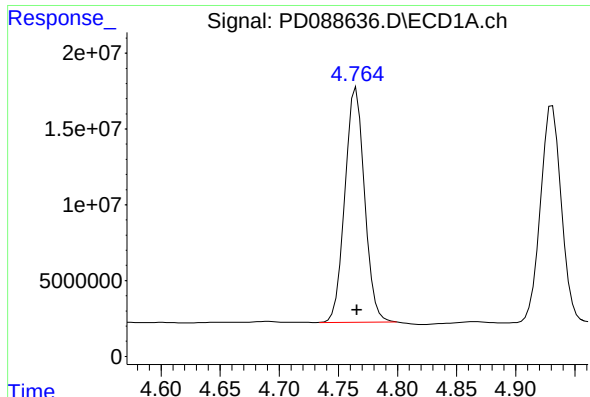
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 71700912
Conc: 39.76 ng/ml



#6 beta-BHC

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 436108186
Conc: 44.77 ng/ml



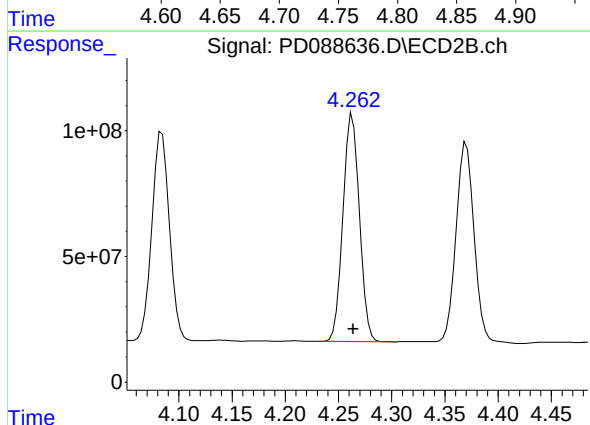
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 178517569
Conc: 42.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

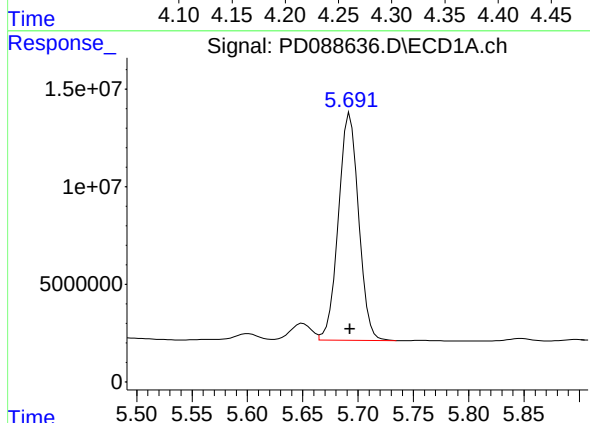
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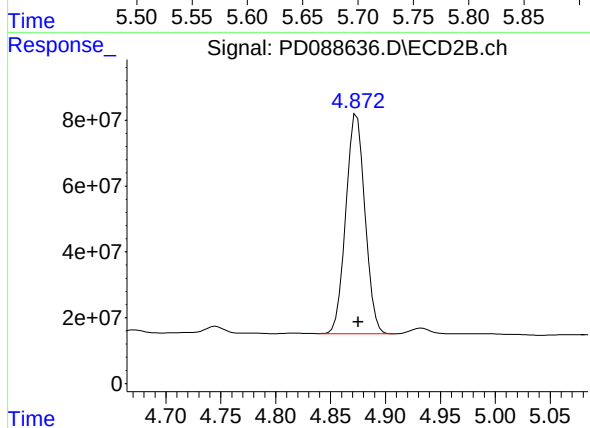
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 970604623
Conc: 43.54 ng/ml



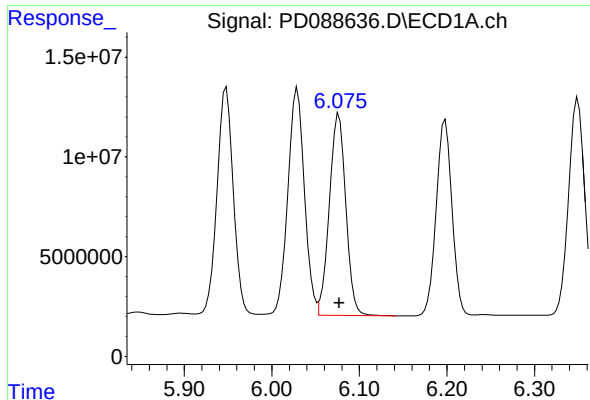
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.001 min
Response: 148275328
Conc: 37.36 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 810410658
Conc: 40.78 ng/ml



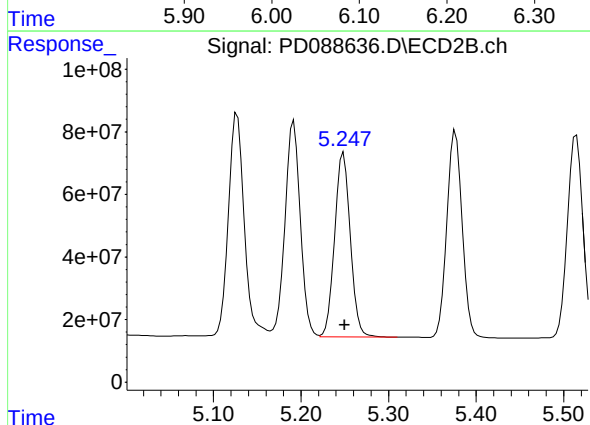
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 131910710
Conc: 35.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

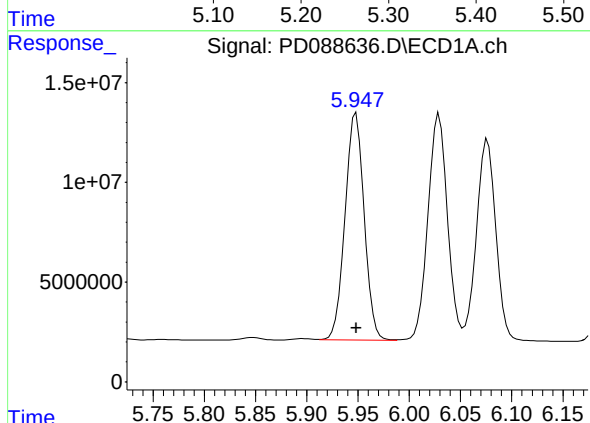
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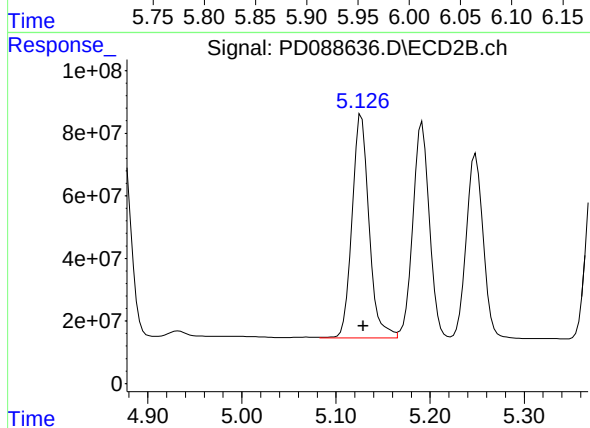
#9 Endosulfan I

R.T.: 5.248 min
Delta R.T.: -0.001 min
Response: 734984908
Conc: 38.73 ng/ml



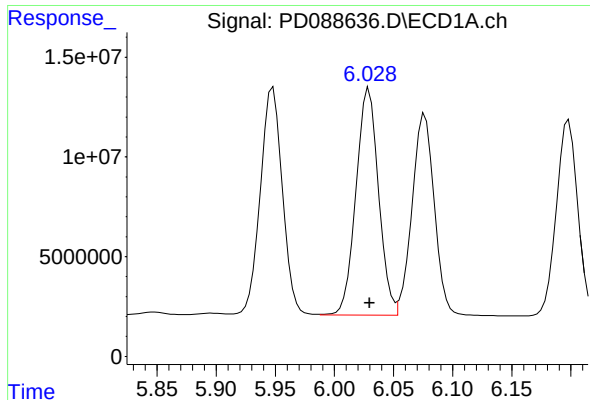
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 147279473
Conc: 36.92 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 897954541
Conc: 42.09 ng/ml



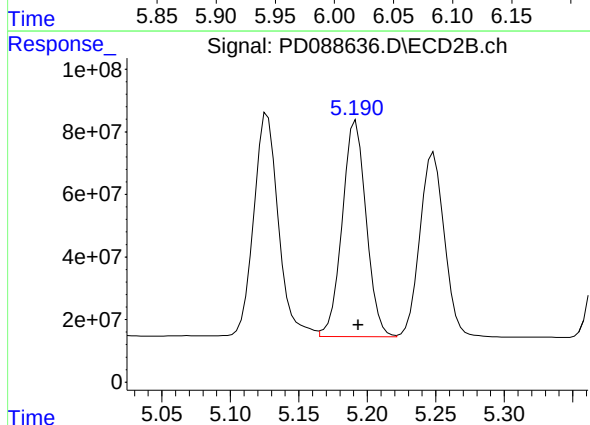
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 150603696
Conc: 37.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

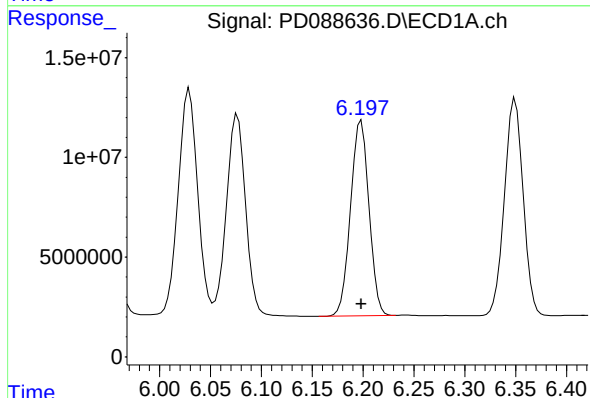
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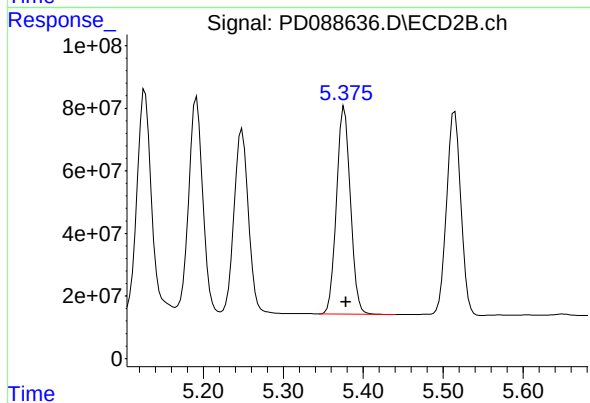
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 842527632
Conc: 40.85 ng/ml



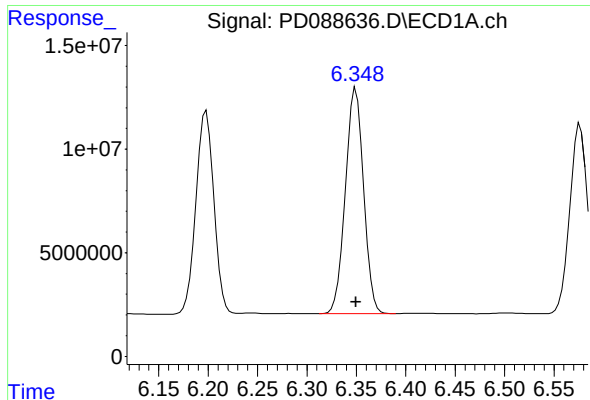
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 123555289
Conc: 34.42 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 801518382
Conc: 38.35 ng/ml



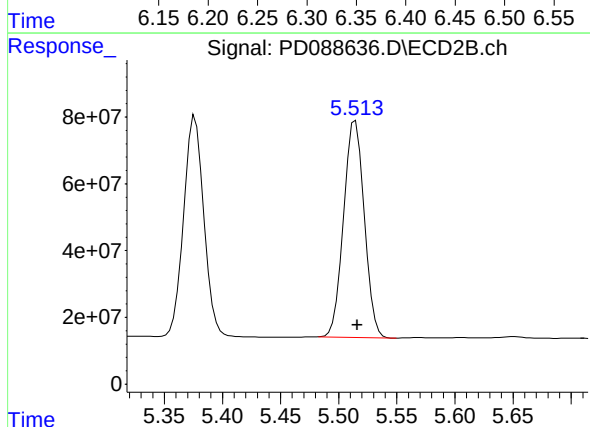
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 139580618
Conc: 34.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

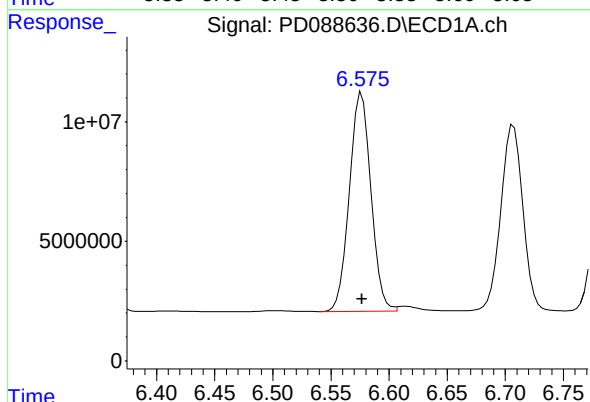
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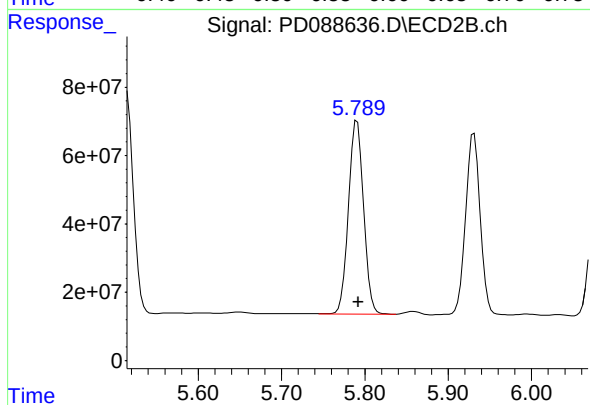
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 802903291
Conc: 38.15 ng/ml



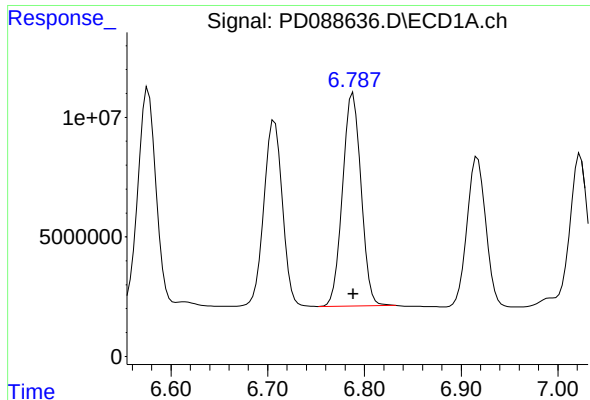
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 117867961
Conc: 34.51 ng/ml



#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 710964182
Conc: 36.87 ng/ml



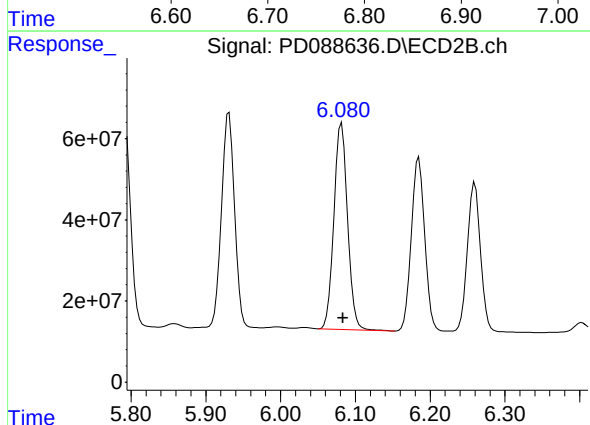
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 117965972
Conc: 34.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

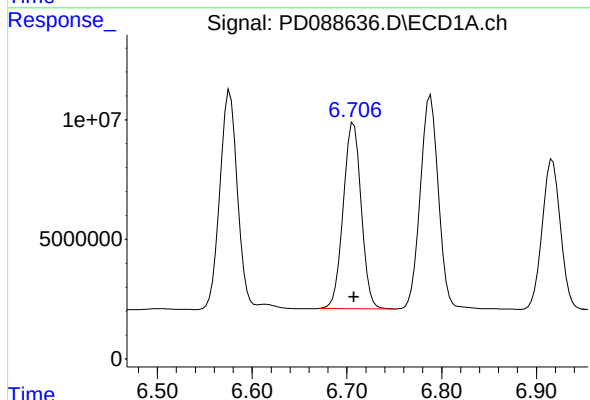
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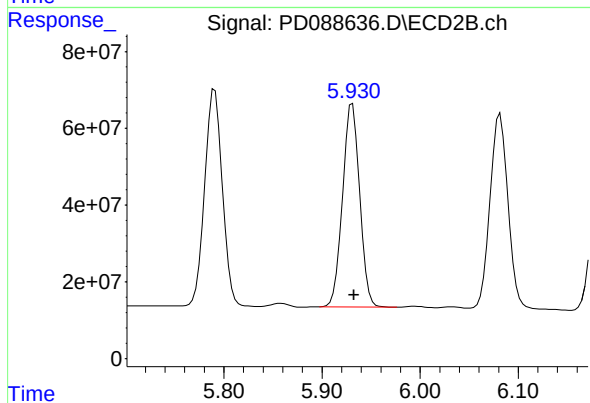
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 650027046
Conc: 35.48 ng/ml



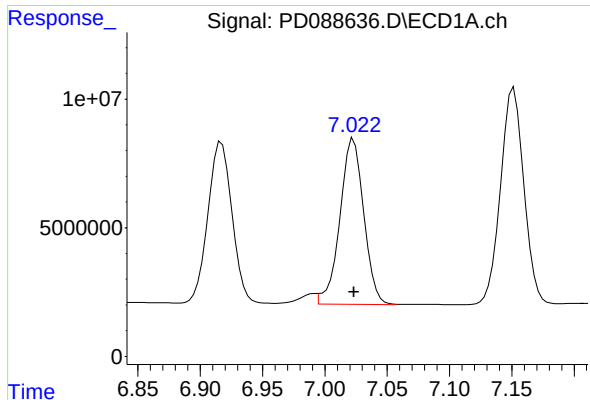
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 102537818
Conc: 36.82 ng/ml



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 642306130
Conc: 36.93 ng/ml



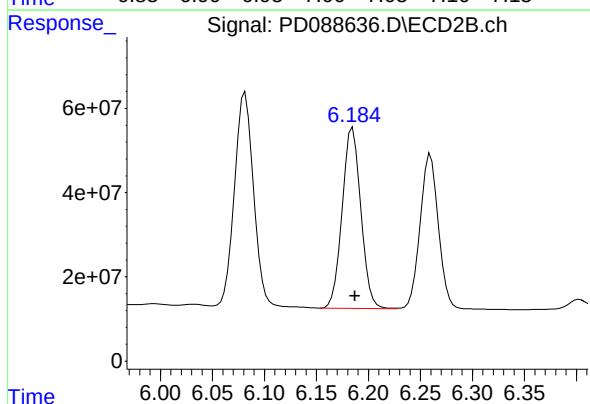
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 85407737
Conc: 27.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

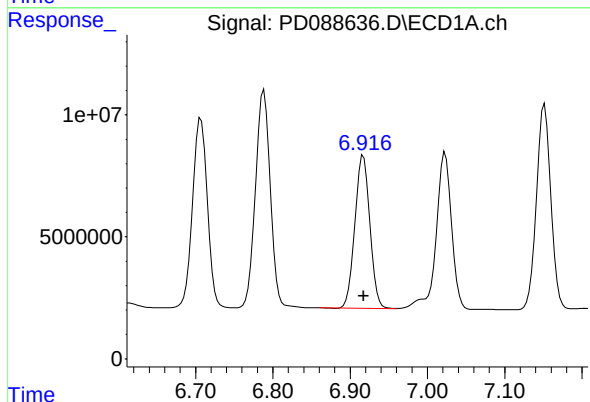
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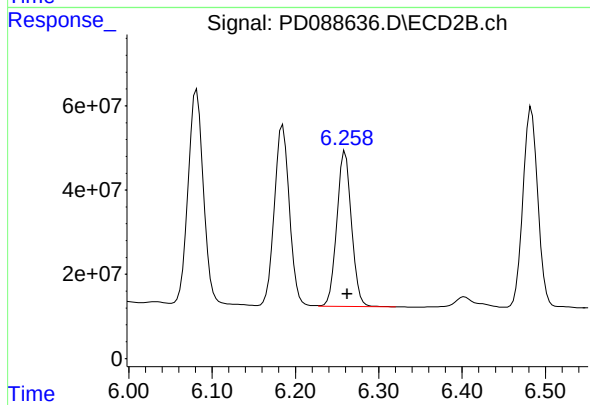
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 535248375
Conc: 29.51 ng/ml



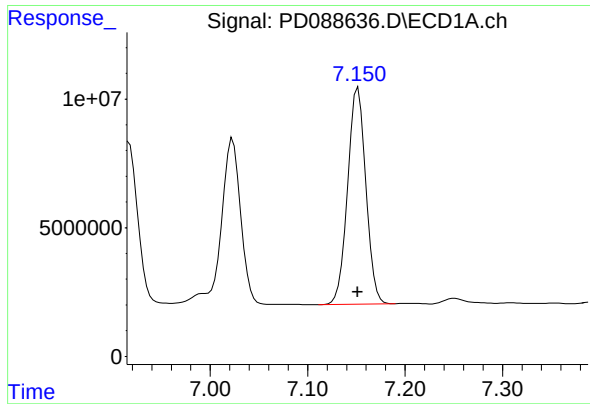
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 84068915
Conc: 32.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 447602925
Conc: 32.14 ng/ml



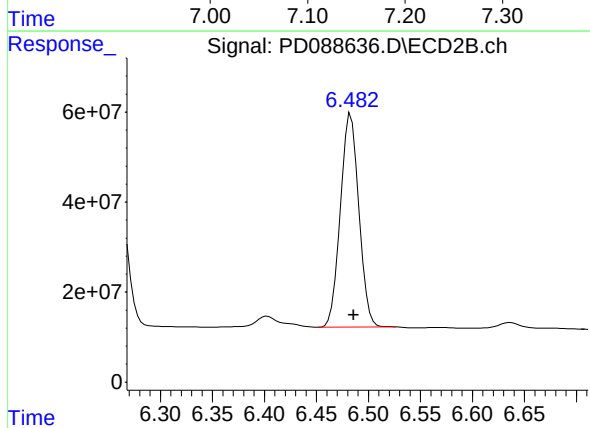
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 109073691
Conc: 34.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

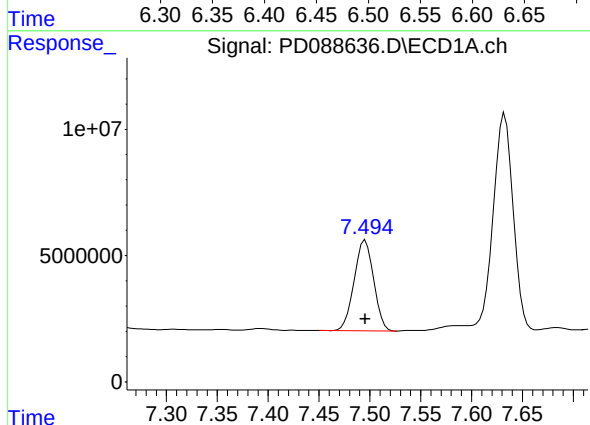
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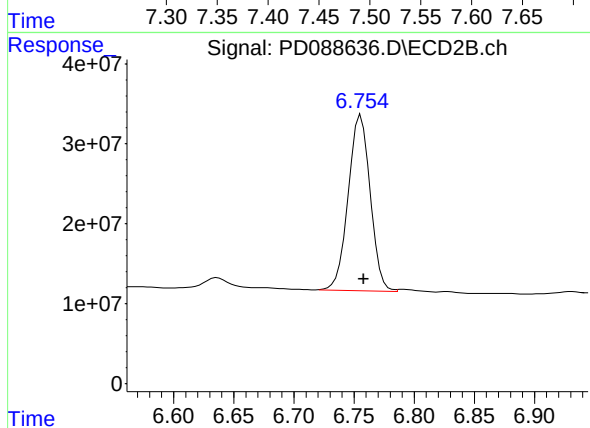
#19 Endosulfan Sulfate

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 586321841
Conc: 33.02 ng/ml



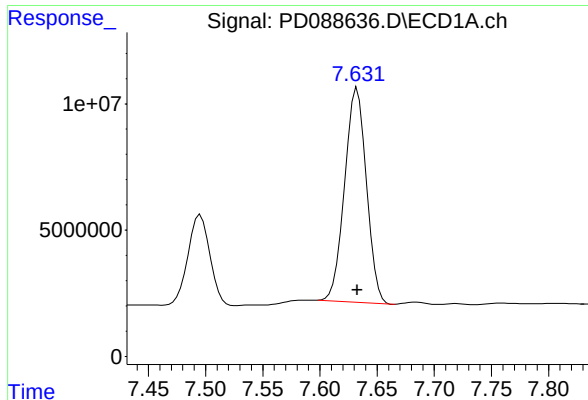
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 47876690
Conc: 28.66 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 280409258
Conc: 29.29 ng/ml



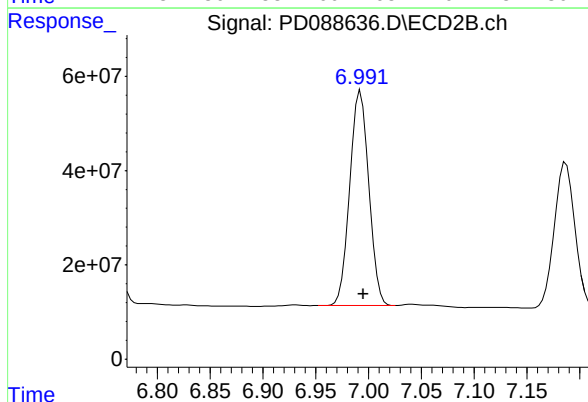
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 113090943
Conc: 33.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

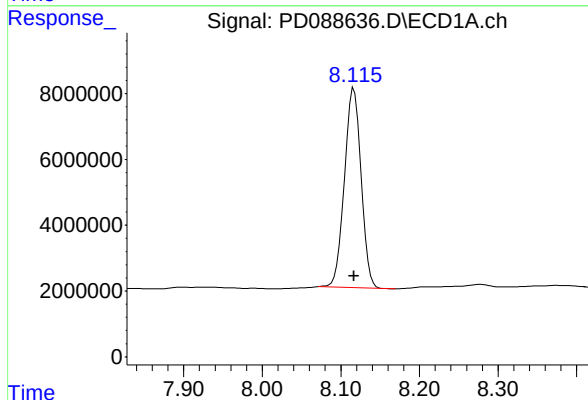
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/21/2025
Supervised By :mohammad ahmed 05/22/2025



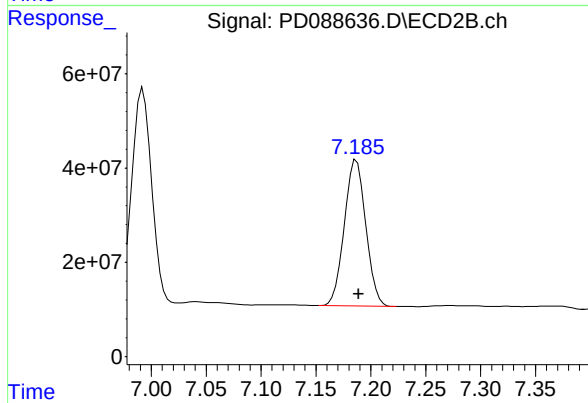
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 572794874
Conc: 29.61 ng/ml



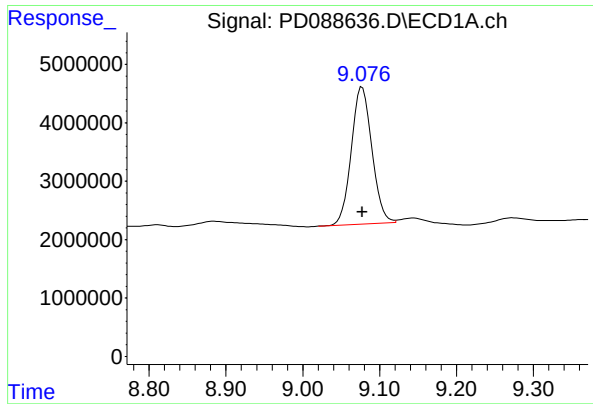
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 89222841
Conc: 34.34 ng/ml



#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 422311192
Conc: 27.78 ng/ml



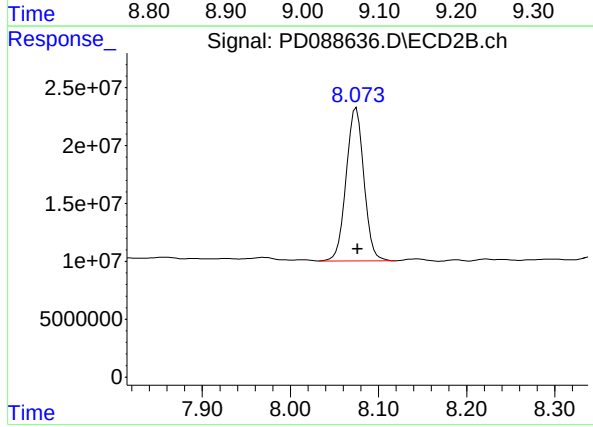
#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 43576405
Conc: 12.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
L1-WC-1MS

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#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 185376231
Conc: 10.15 ng/ml