

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 15:03
 Operator : AR\AJ
 Sample : P5096-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-AMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2024
 Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:00:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 2024
 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...	3.558	2.885	36703048	230.8E6	18.354	20.165
28)	SA Decachlor...	9.093	8.088	50298190	210.9E6	15.812	15.138m
Target Compounds							
2)	A alpha-BHC	4.009	3.399	211.5E6	931.9E6	52.570	52.888
3)	MA gamma-BHC...	4.340	3.736	205.0E6	866.3E6	51.399	51.584
4)	MA Heptachlor	4.941	4.091	208.7E6	861.2E6	53.145	52.979
5)	MB Aldrin	5.283	4.378	202.7E6	842.0E6	49.724	50.367
6)	B beta-BHC	4.524	4.031	80891254	377.2E6	51.288	52.675
7)	B delta-BHC	4.773	4.269	203.0E6	853.8E6	49.814	50.216
8)	B Heptachlo...	5.703	4.882	178.3E6	766.6E6	49.346	50.489
9)	A Endosulfan I	6.087	5.258	167.6E6	716.2E6	49.953	50.452
10)	B gamma-Chl...	5.958	5.137	176.1E6	806.6E6	49.853	51.850
11)	B alpha-Chl...	6.040	5.201	180.2E6	780.1E6	50.428	51.046
12)	B 4,4'-DDE	6.208	5.387	161.7E6	781.2E6	49.702	51.823
13)	MA Dieldrin	6.360	5.524	179.3E6	787.6E6	49.620	50.579
14)	MA Endrin	6.587	5.799	146.0E6	714.0E6	48.255	51.044m
15)	B Endosulfa...	6.799	6.092	129.4E6	676.9E6	43.288	49.182
16)	A 4,4'-DDD	6.716	5.940	129.2E6	606.5E6	49.705m	48.250m
17)	MA 4,4'-DDT	7.033	6.196	135.6E6	663.7E6	48.003m	49.777
18)	B Endrin al...	6.927	6.270	112.8E6	512.8E6	46.134	46.225
19)	B Endosulfa...	7.161	6.494	135.1E6	638.6E6	46.421	47.199
20)	A Methoxychlor	7.506	6.769	73226718	344.8E6	45.787	48.069
21)	B Endrin ke...	7.643	7.004	149.6E6	664.8E6	46.113	44.112
22)	Mirex	8.129	7.200	103.7E6	504.3E6	41.581	40.894

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

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Data File : PD087041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2024 15:03
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Instrument :

ECD_D

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MH-AMS

Manual Integrations

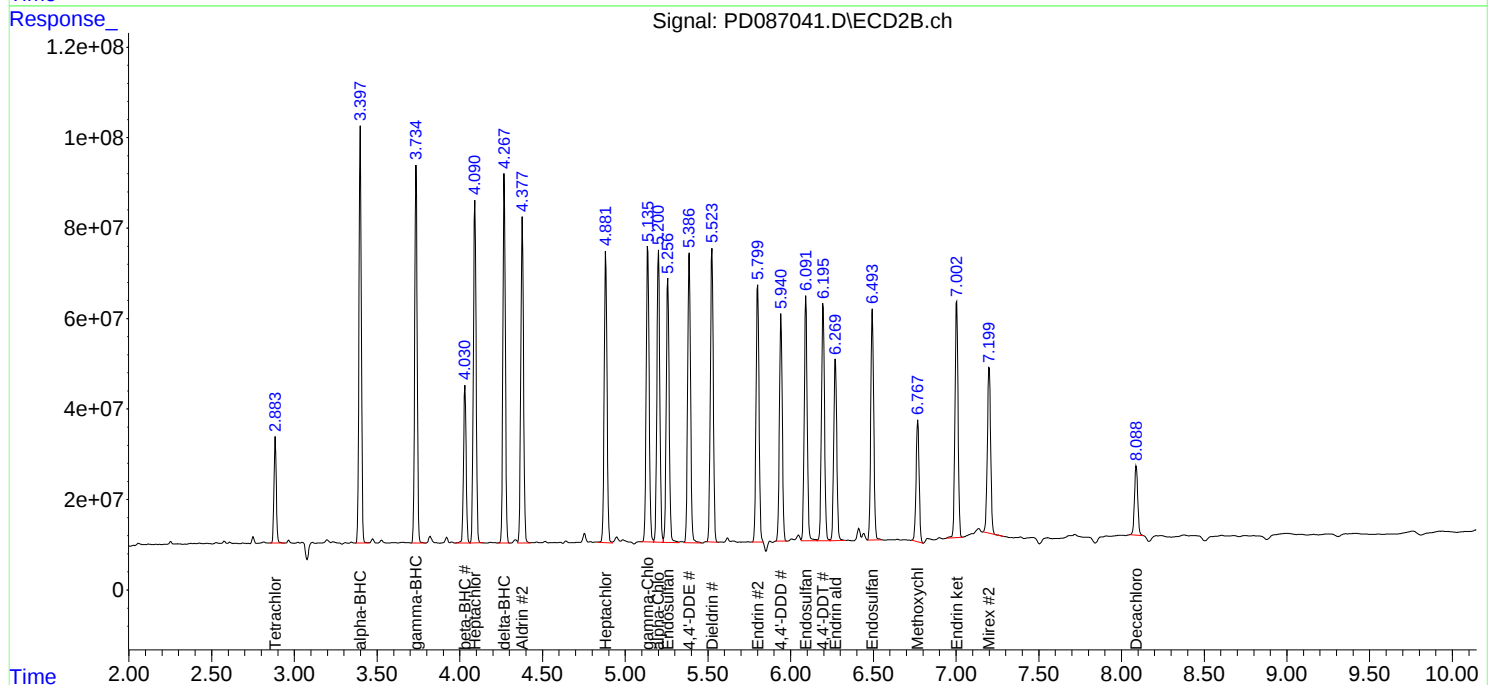
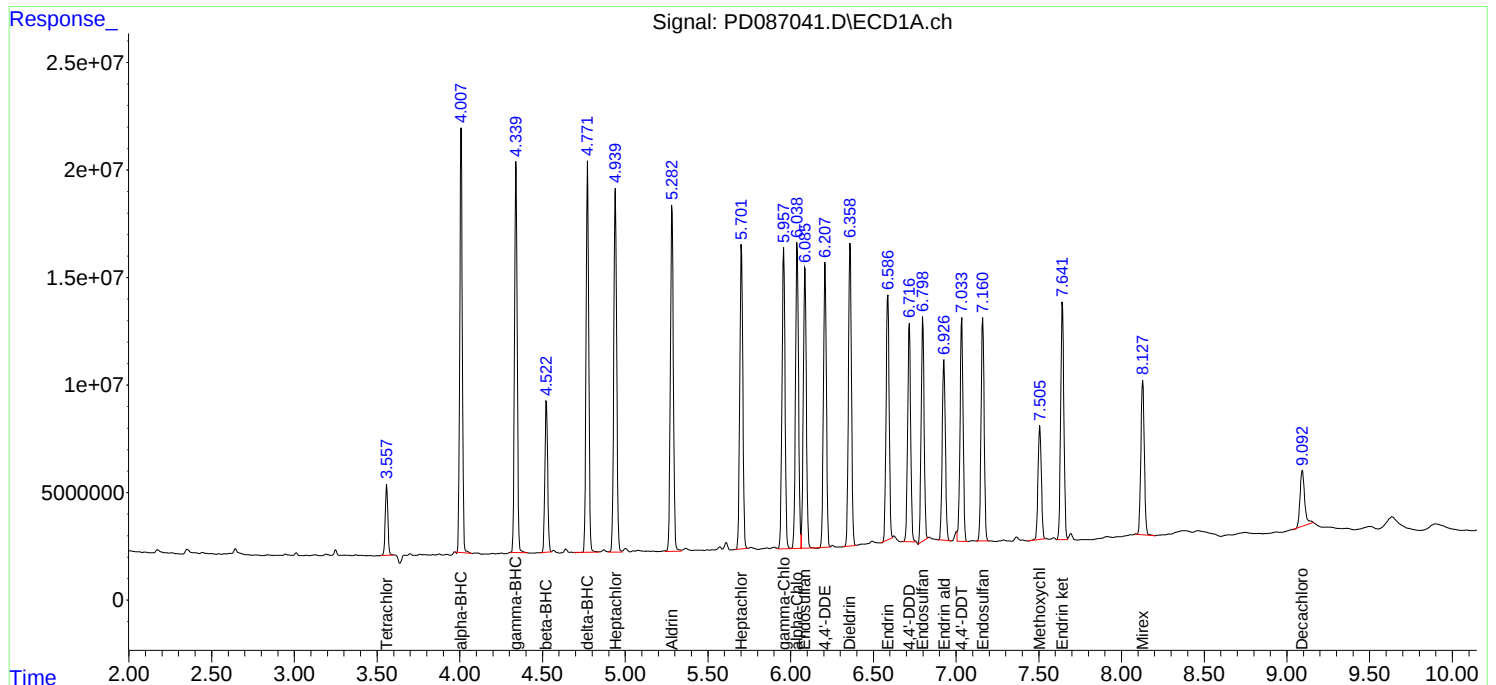
APPROVED

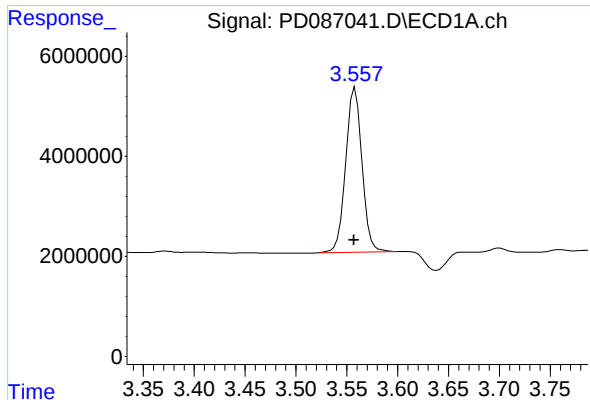
Reviewed By :Abdul Mirza 12/06/2024

Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 01:00:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
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QLast Update : Wed Nov 27 15:47:26 2024
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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.: 3.558 min
Delta R.T.: 0.001 min
Response: 36703048
Conc: 18.35 ng/ml

Instrument :

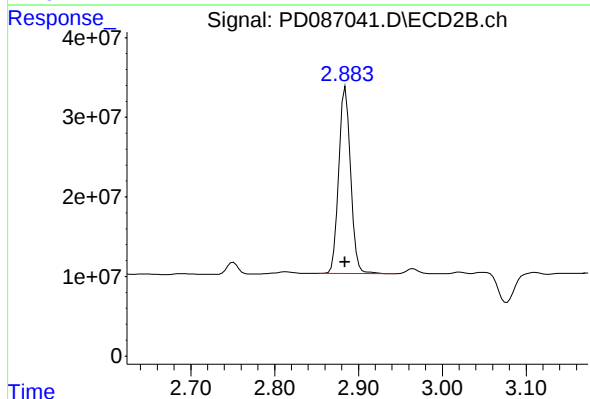
ECD_D

ClientSampleId :

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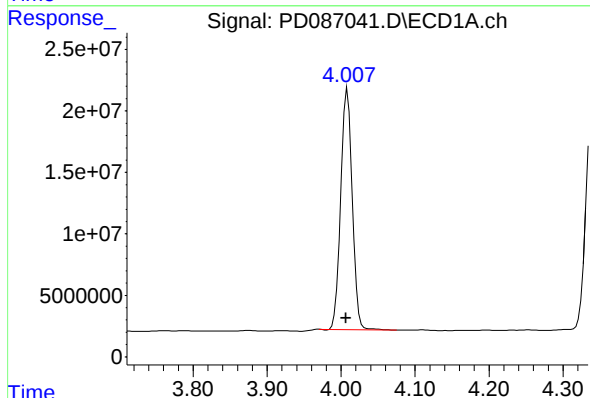
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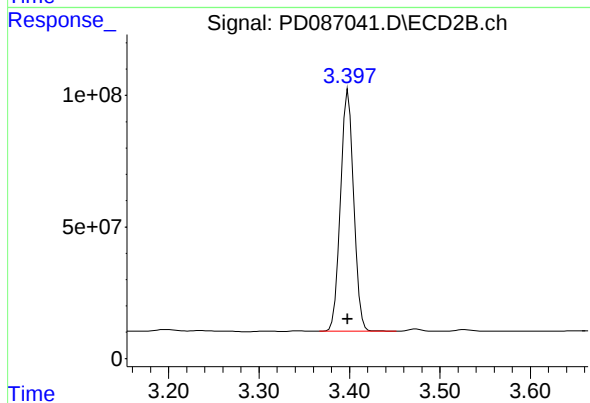
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.000 min
Response: 230816977
Conc: 20.17 ng/ml



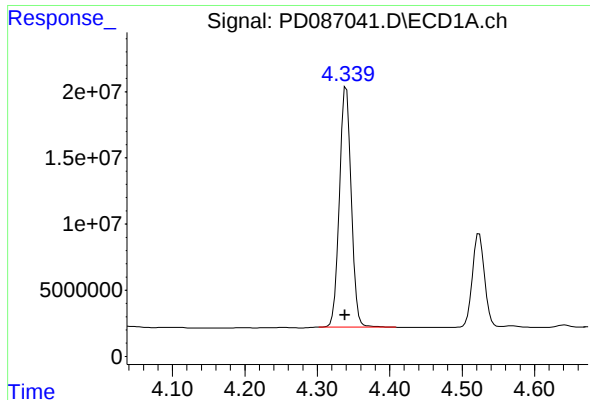
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.002 min
Response: 211542215
Conc: 52.57 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 931926618
Conc: 52.89 ng/ml



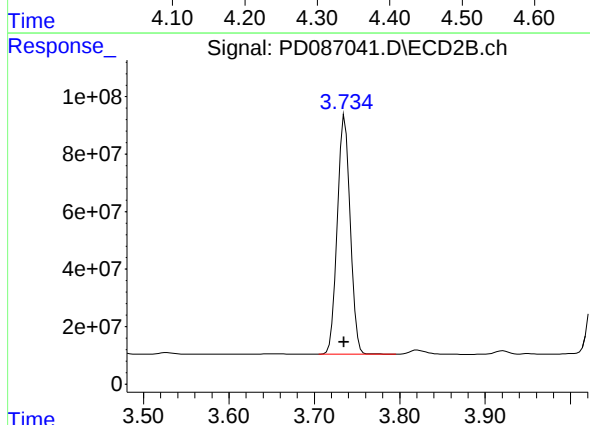
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 205002098
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

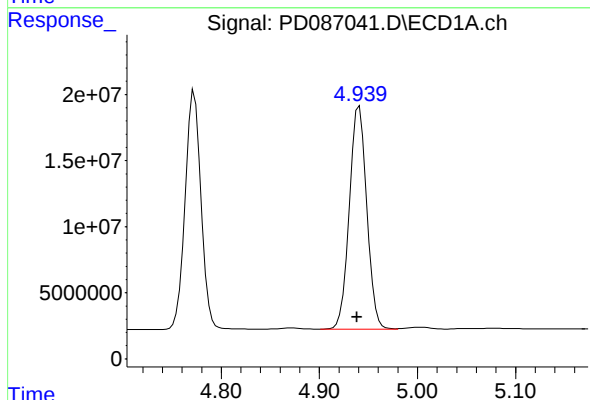
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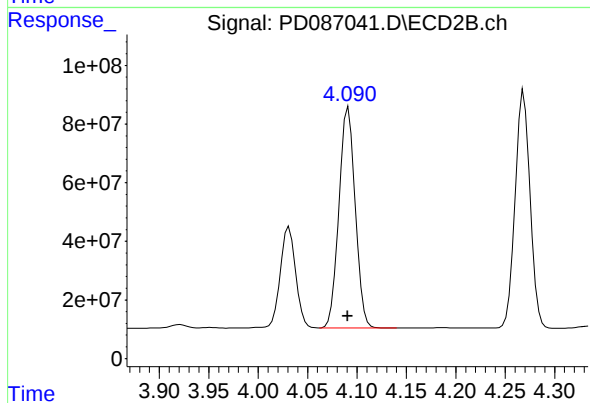
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 866339540
Conc: 51.58 ng/ml



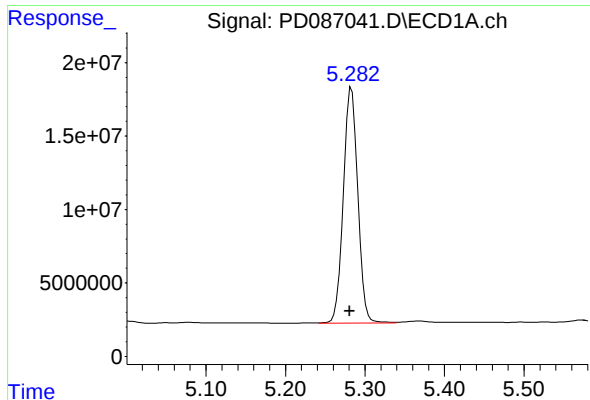
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 208659796
Conc: 53.15 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 861213509
Conc: 52.98 ng/ml



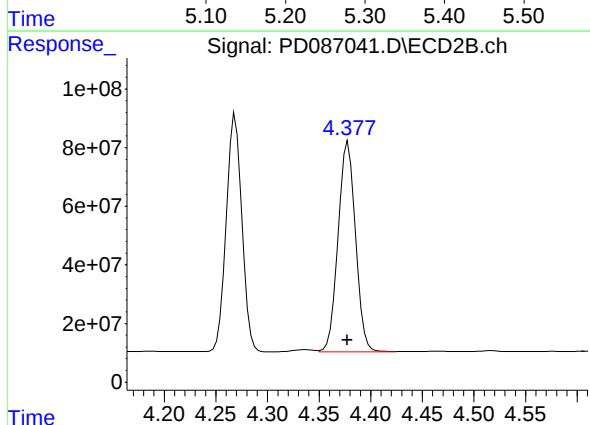
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.003 min
Response: 202669763
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

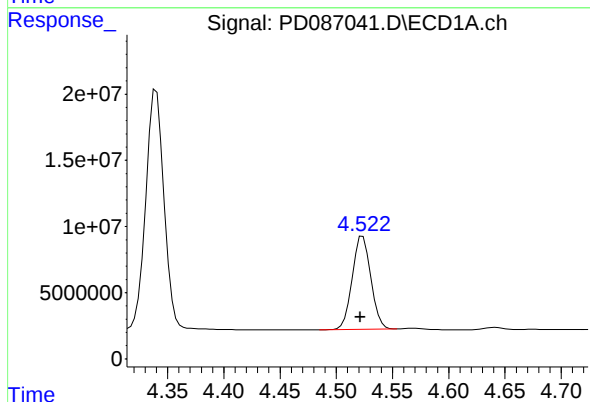
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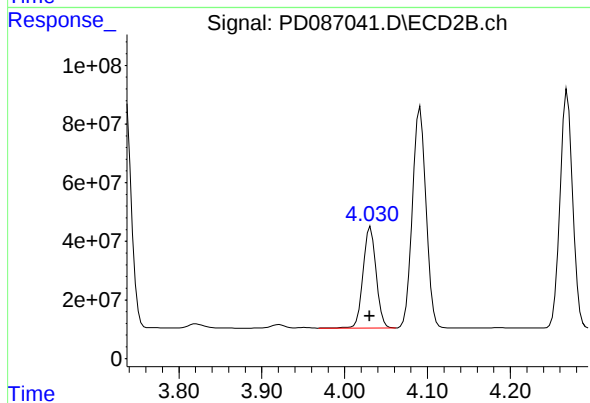
#5 Aldrin

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 842010074
Conc: 50.37 ng/ml



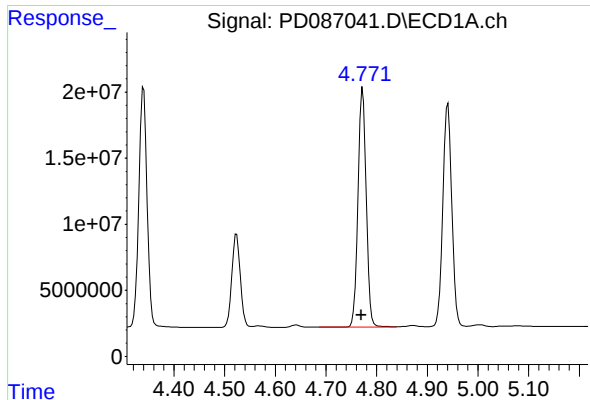
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 80891254
Conc: 51.29 ng/ml



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 377248531
Conc: 52.67 ng/ml



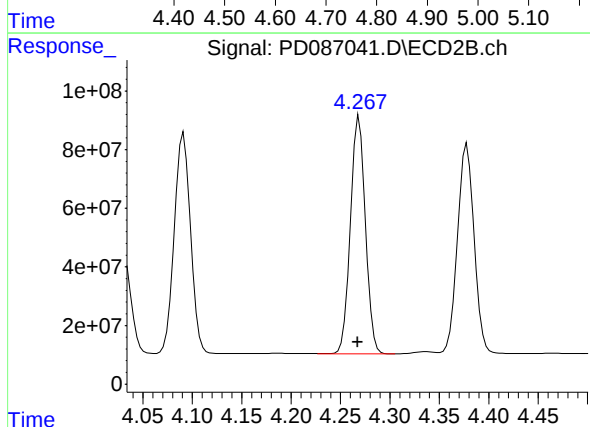
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 203048933
Conc: 49.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

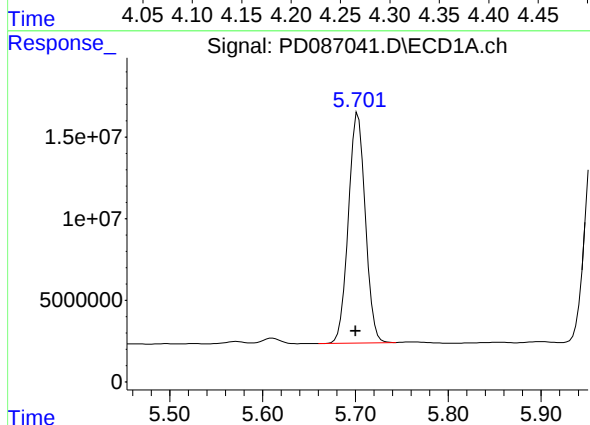
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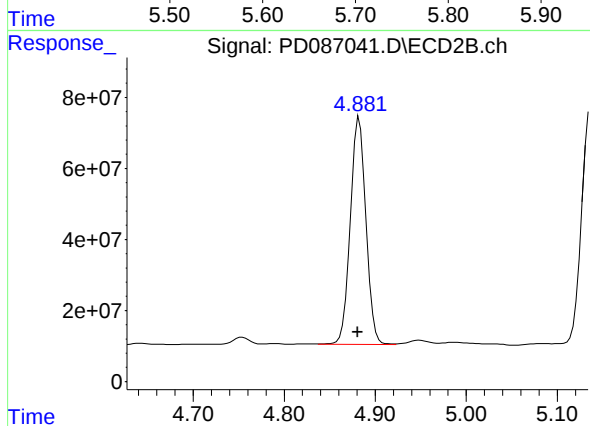
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 853778951
Conc: 50.22 ng/ml



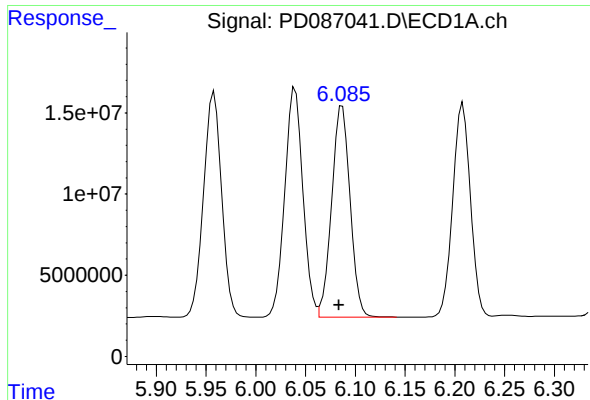
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.003 min
Response: 178316424
Conc: 49.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.882 min
Delta R.T.: 0.001 min
Response: 766615979
Conc: 50.49 ng/ml



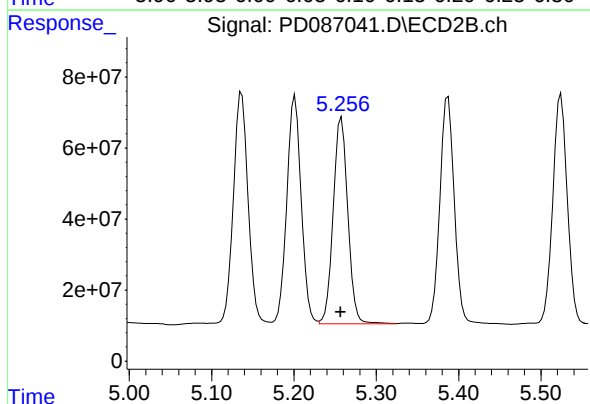
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.003 min
Response: 167630320
Conc: 49.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

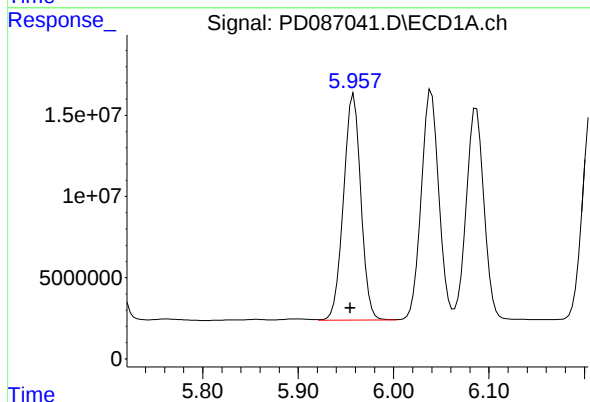
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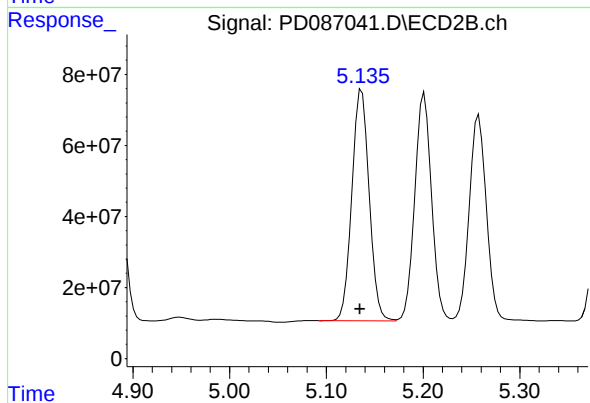
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 716241408
Conc: 50.45 ng/ml



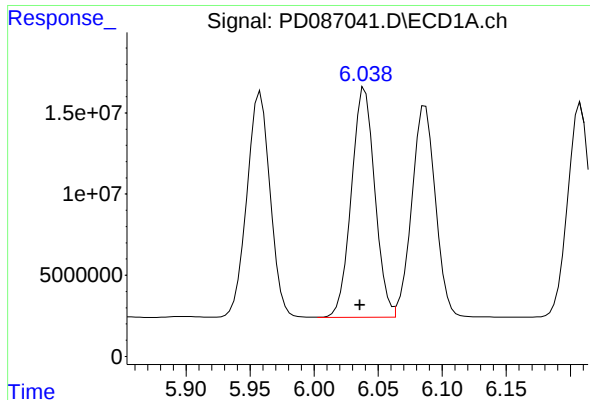
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 176129900
Conc: 49.85 ng/ml



#10 gamma-Chlordane

R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 806555602
Conc: 51.85 ng/ml



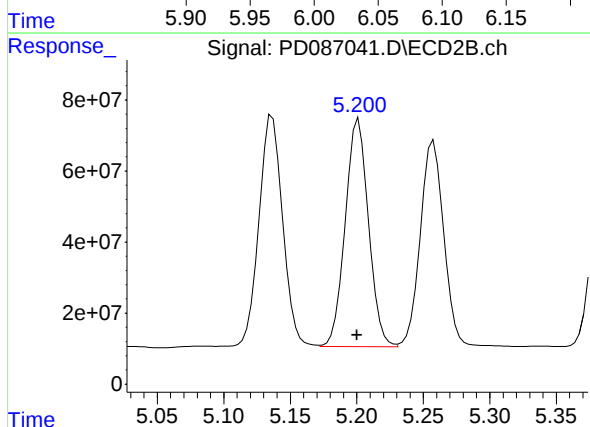
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 180171010
Conc: 50.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

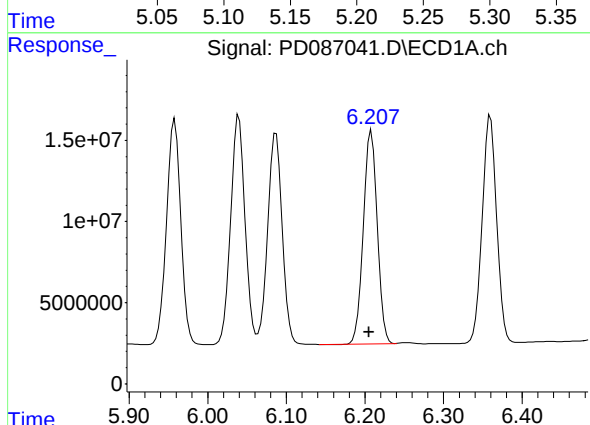
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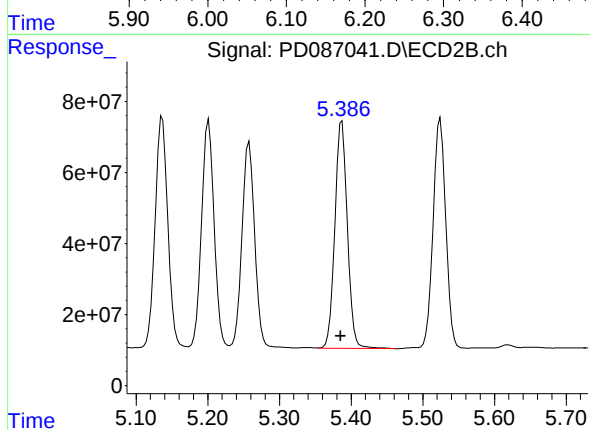
#11 alpha-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 780093350
Conc: 51.05 ng/ml



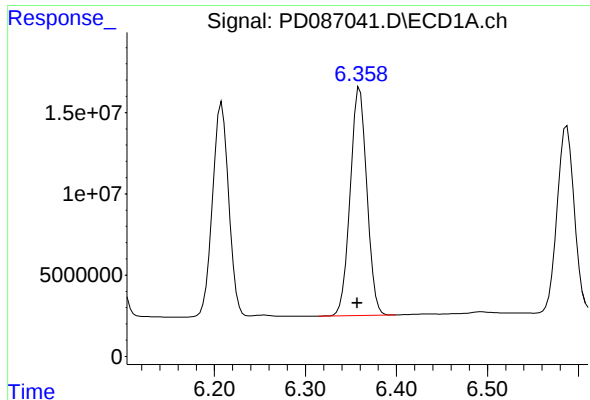
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 161714239
Conc: 49.70 ng/ml



#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: 0.002 min
Response: 781207319
Conc: 51.82 ng/ml



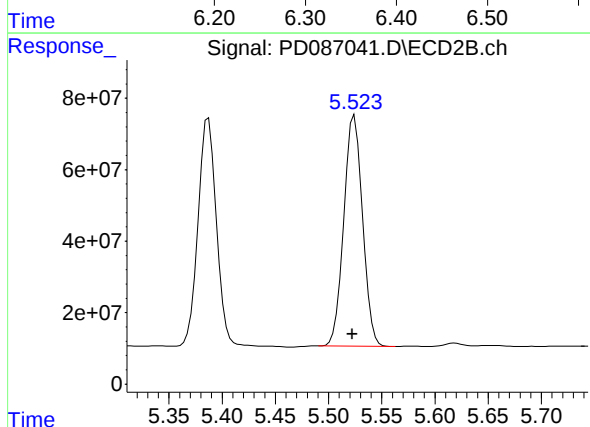
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 179261183
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

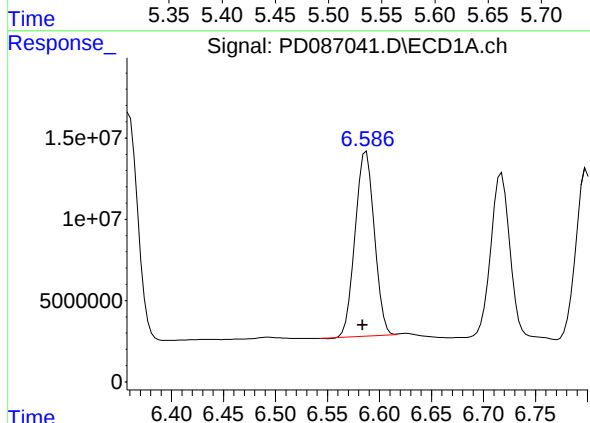
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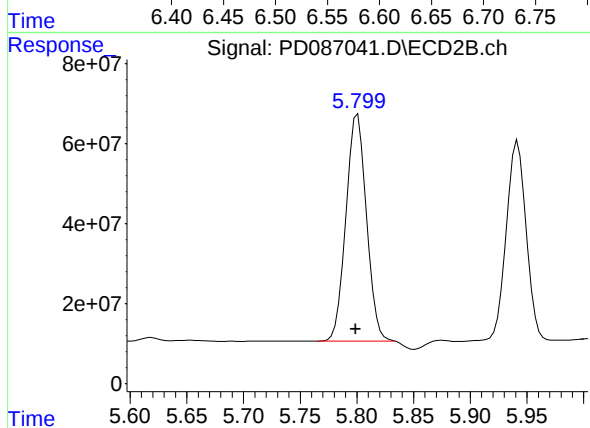
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 787609739
Conc: 50.58 ng/ml



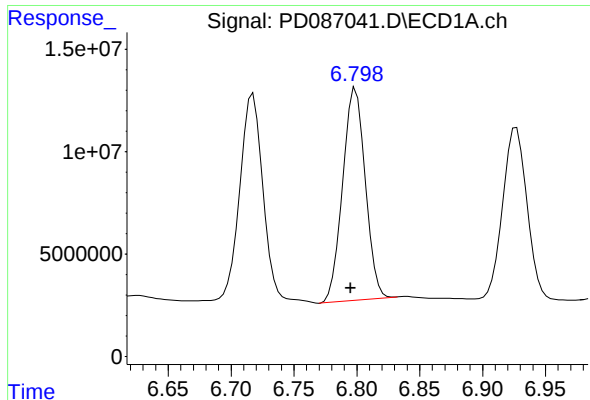
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 146018455
Conc: 48.26 ng/ml



#14 Endrin

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 714038208
Conc: 51.04 ng/ml m



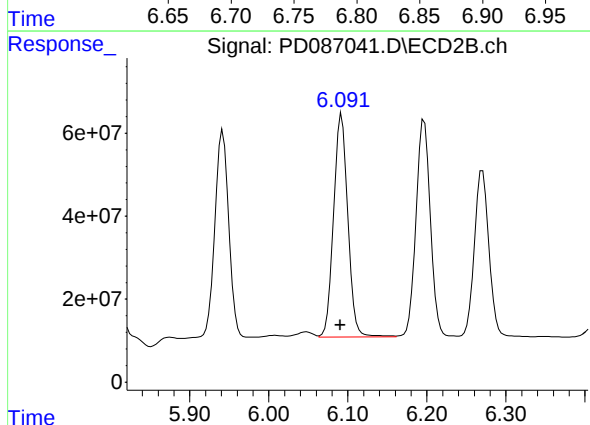
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.004 min
Response: 129389668
Conc: 43.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

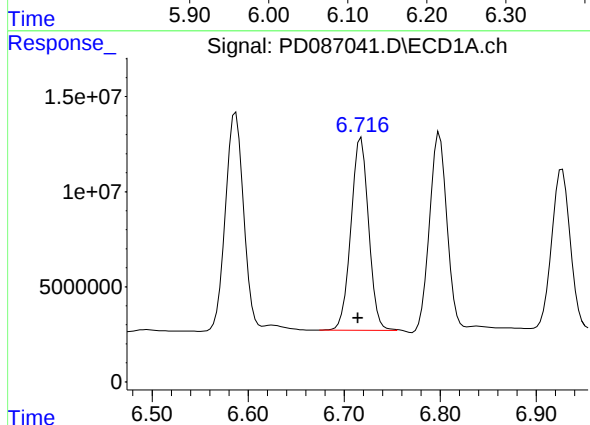
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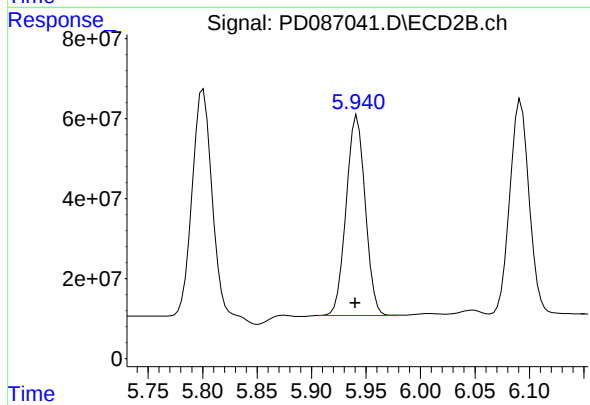
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: 0.002 min
Response: 676939427
Conc: 49.18 ng/ml



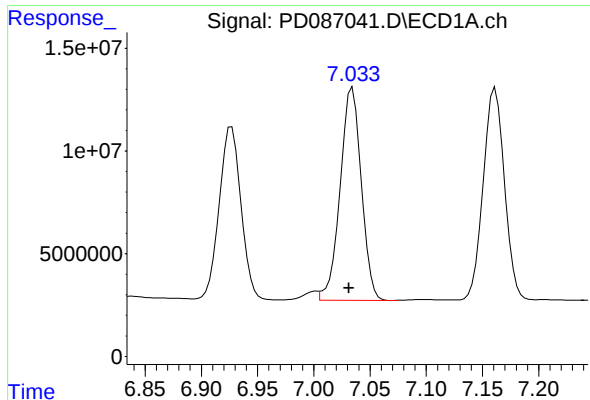
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 129213006
Conc: 49.70 ng/ml m



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 606486834
Conc: 48.25 ng/ml m



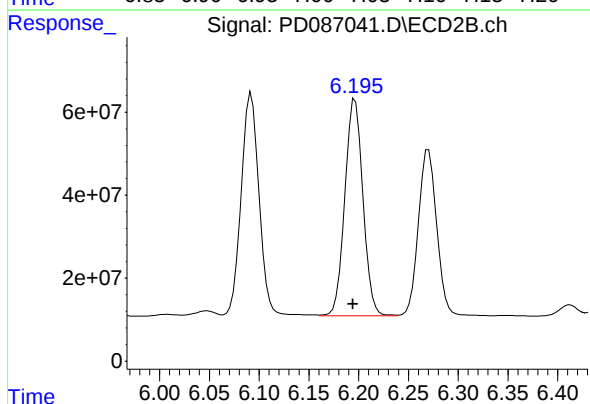
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.002 min
Response: 135602440
Conc: 48.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

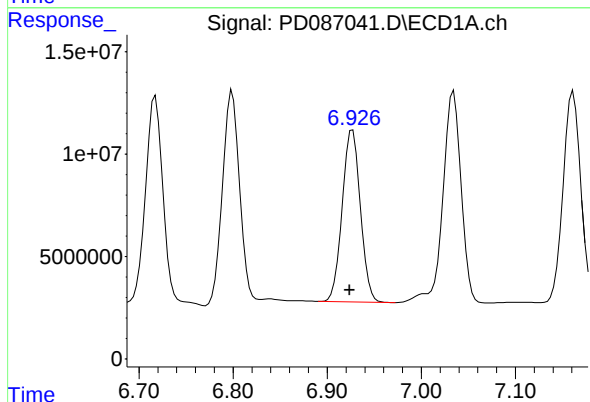
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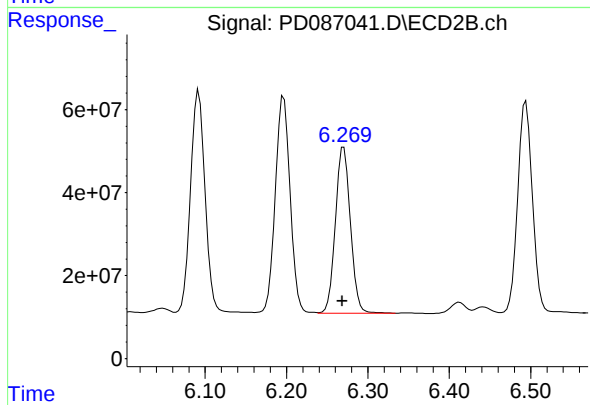
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 663717816
Conc: 49.78 ng/ml



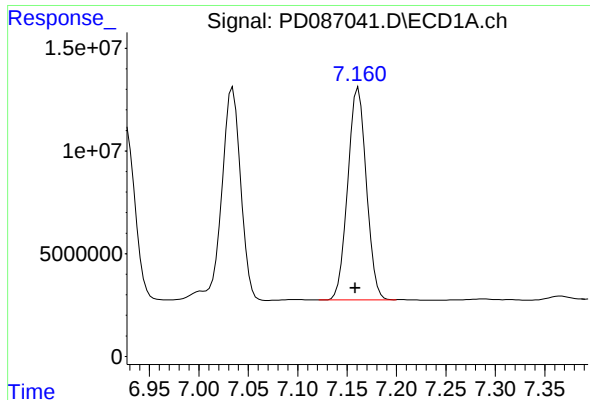
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 112783027
Conc: 46.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.270 min
Delta R.T.: 0.002 min
Response: 512810552
Conc: 46.22 ng/ml



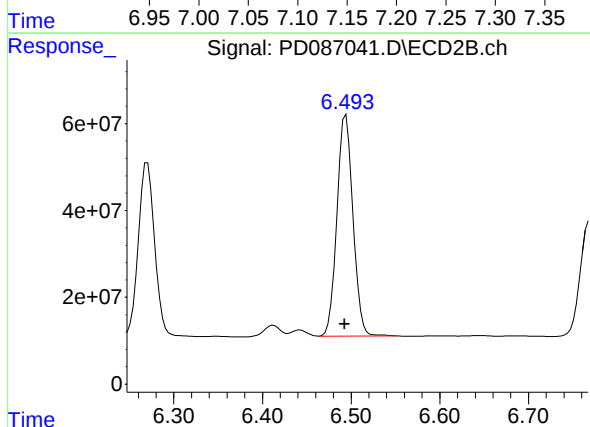
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 135089598
Conc: 46.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

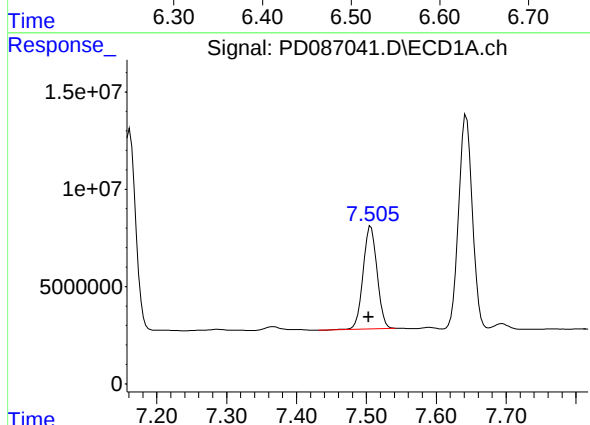
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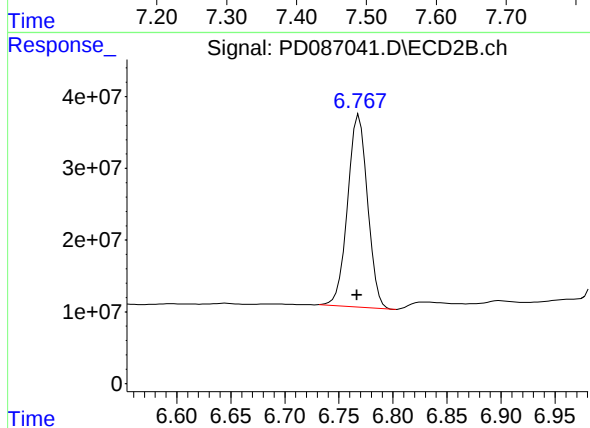
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: 0.001 min
Response: 638596720
Conc: 47.20 ng/ml



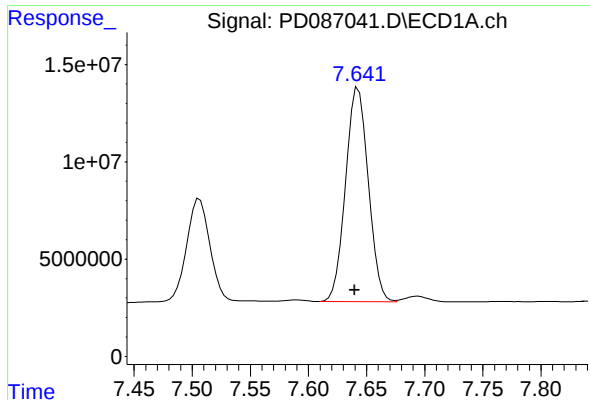
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.003 min
Response: 73226718
Conc: 45.79 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: 0.002 min
Response: 344813309
Conc: 48.07 ng/ml



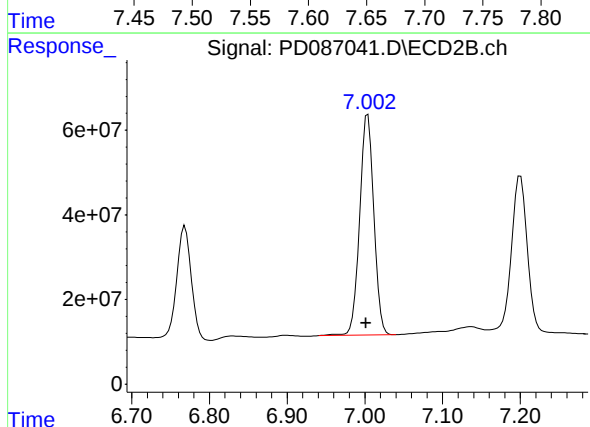
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 149647573
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

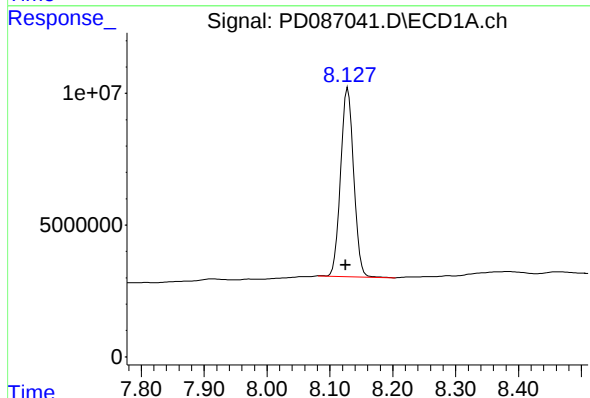
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2024
Supervised By :Ankita Jodhani 12/06/2024



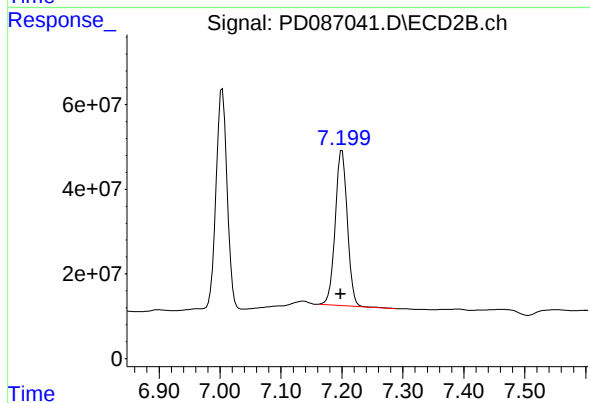
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 664842902
Conc: 44.11 ng/ml



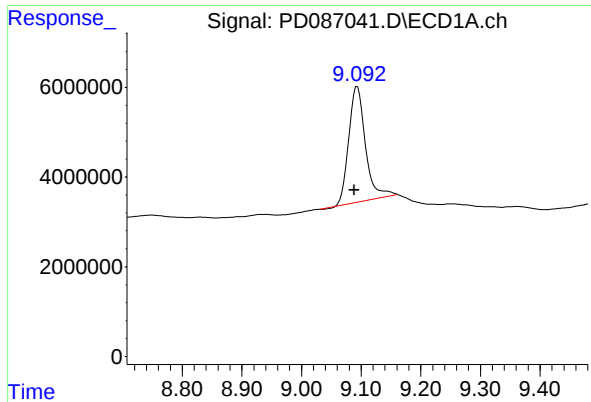
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.003 min
Response: 103745839
Conc: 41.58 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 504253028
Conc: 40.89 ng/ml



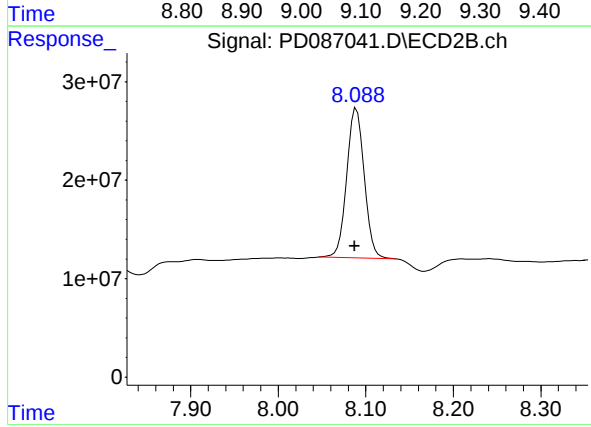
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.005 min
Response: 50298190
Conc: 15.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-AMS

Manual Integrations
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Supervised By :Ankita Jodhani 12/06/2024



#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 210917849
Conc: 15.14 ng/ml m