

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 12:15
 Operator : AR\AJ
 Sample : P5072-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-738MSD

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 00:58:33 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	29942730	190.6E6	14.973	16.655
28)	SA Decachlor...	9.093	8.090	41789622	194.5E6	13.137	13.957
Target Compounds							
2)	A alpha-BHC	4.008	3.399	207.9E6	919.5E6	51.661	52.185
3)	MA gamma-BHC...	4.340	3.736	200.4E6	857.5E6	50.255	51.058
4)	MA Heptachlor	4.941	4.091	206.0E6	850.0E6	52.472	52.290
5)	MB Aldrin	5.283	4.378	203.7E6	833.8E6	49.985	49.879
6)	B beta-BHC	4.524	4.031	78576084	372.8E6	49.820	52.054
7)	B delta-BHC	4.772	4.269	199.9E6	843.2E6	49.053	49.593
8)	B Heptachlo...	5.703	4.883	178.7E6	765.8E6	49.449	50.437
9)	A Endosulfan I	6.087	5.258	168.1E6	713.2E6	50.085	50.236
10)	B gamma-Chl...	5.957	5.137	174.1E6	798.5E6	49.284	51.333
11)	B alpha-Chl...	6.040	5.202	180.6E6	775.6E6	50.561	50.754
12)	B 4,4'-DDE	6.208	5.387	163.5E6	771.0E6	50.264	51.143
13)	MA Dieldrin	6.359	5.524	181.1E6	781.9E6	50.117	50.212
14)	MA Endrin	6.587	5.799	149.9E6	709.3E6	49.554	50.707m
15)	B Endosulfa...	6.800	6.093	111.9E6	679.4E6	37.450	49.362 #
16)	A 4,4'-DDD	6.716	5.940	129.5E6	609.5E6	49.822m	48.492m
17)	MA 4,4'-DDT	7.034	6.196	135.0E6	659.1E6	47.780	49.431
18)	B Endrin al...	6.927	6.271	112.2E6	510.8E6	45.907	46.044
19)	B Endosulfa...	7.162	6.494	137.0E6	641.1E6	47.072	47.384
20)	A Methoxychlor	7.507	6.769	73355470	336.8E6	45.868	46.950
21)	B Endrin ke...	7.644	7.004	151.6E6	691.3E6	46.717	45.870
22)	Mirex	8.129	7.201	108.1E6	523.1E6	43.333	42.419

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
Data File : PD087029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2024 12:15
Operator : AR\AJ
Sample : P5072-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

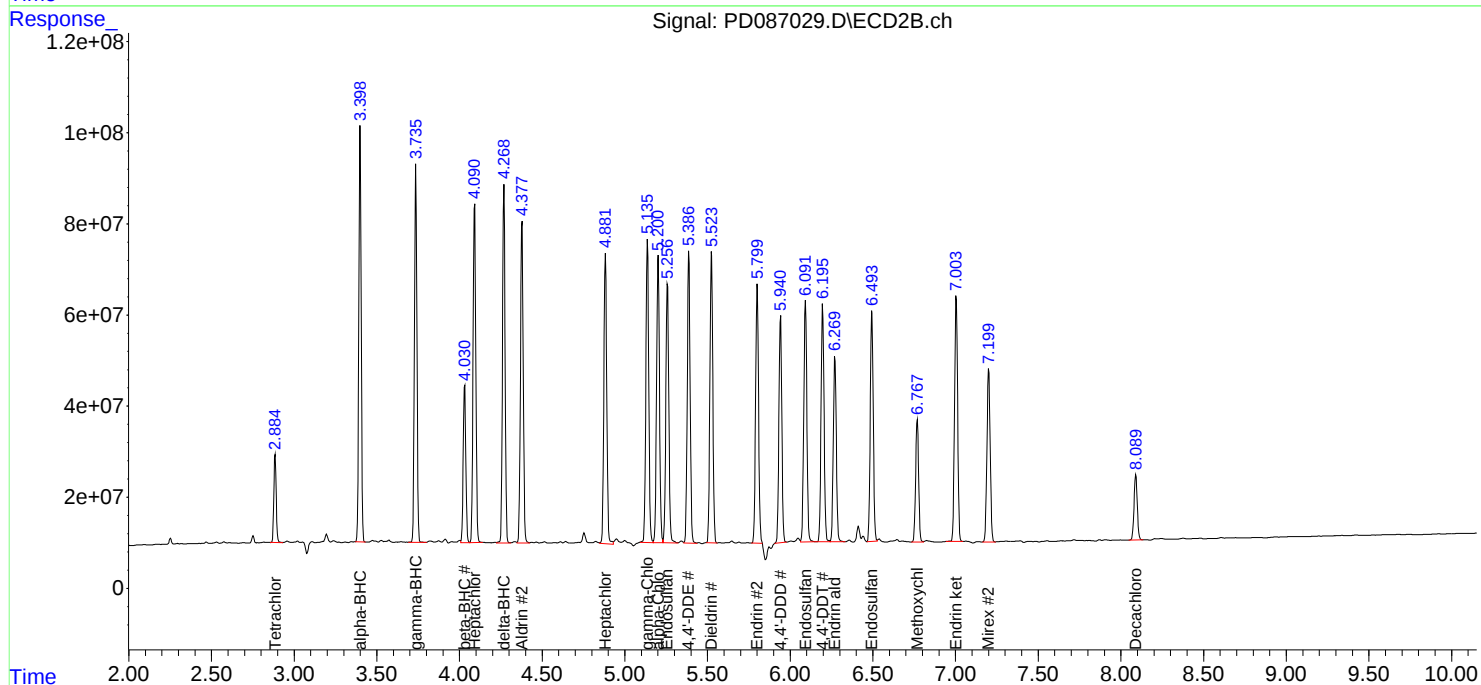
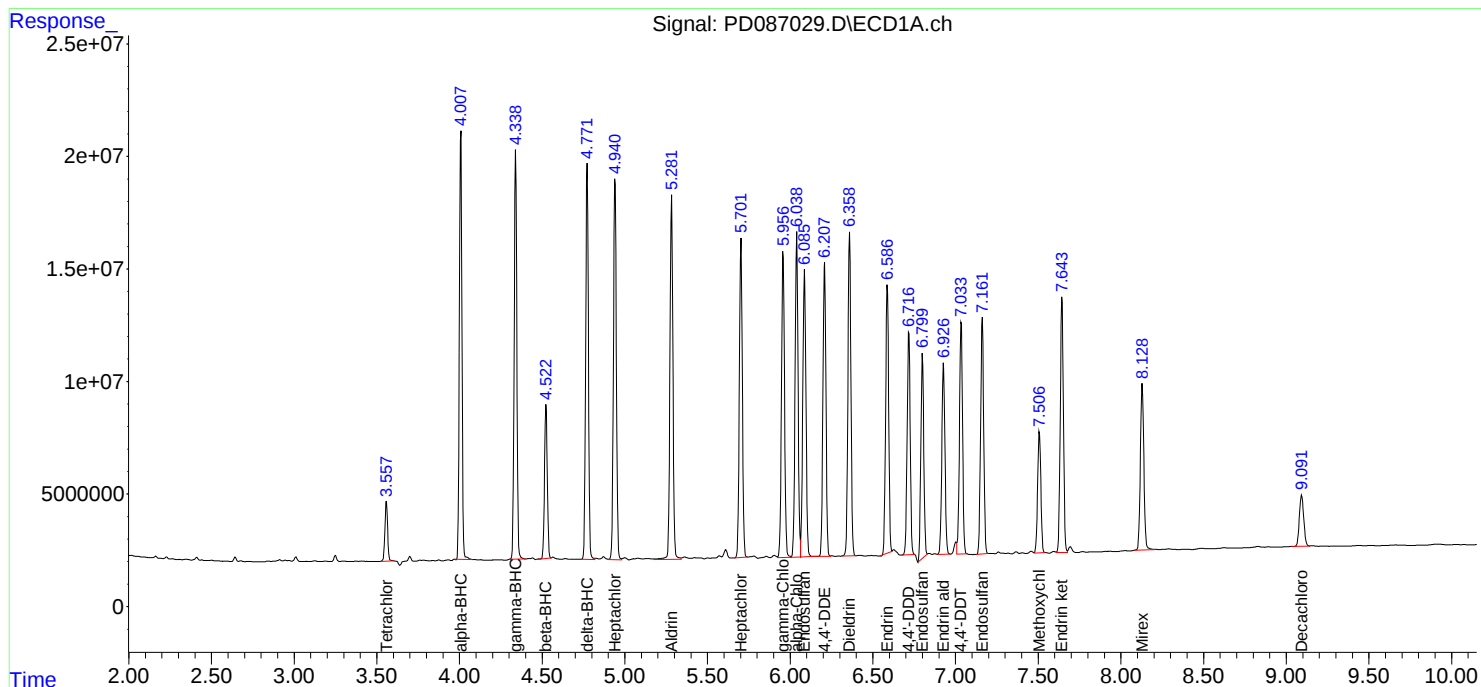
APPROVED

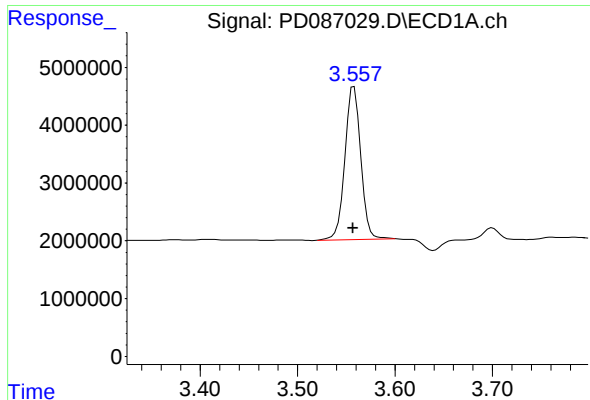
Reviewed By :Abdul Mirza 12/06/2024

Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:58:33 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





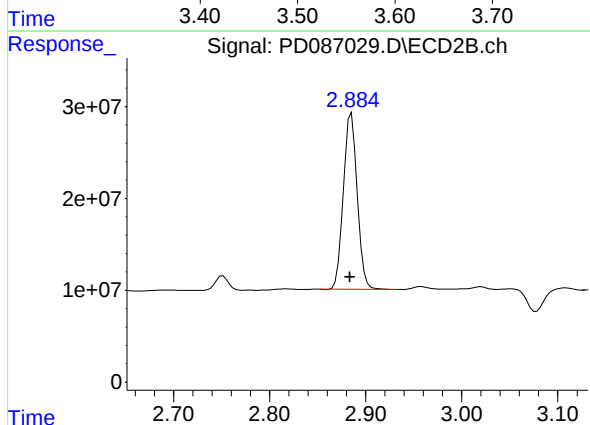
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 29942730
Conc: 14.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
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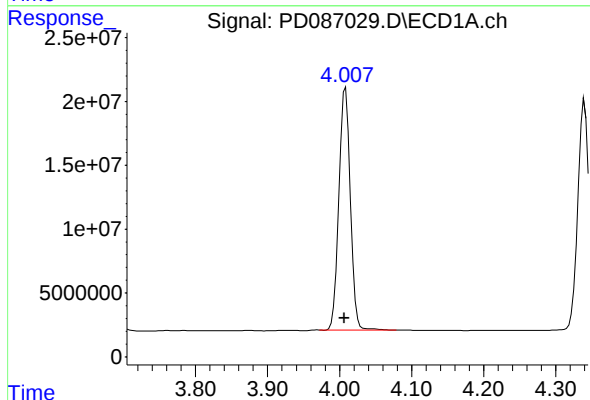
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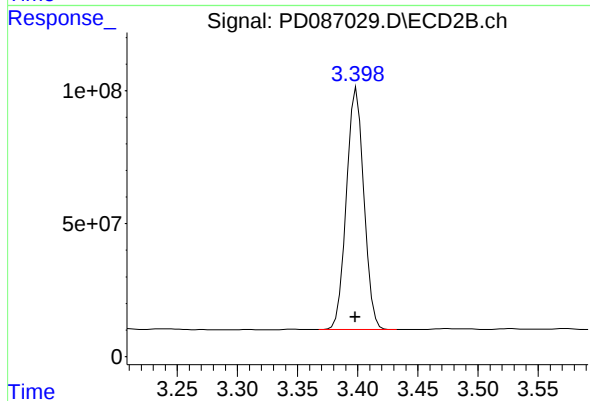
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.001 min
Response: 190640704
Conc: 16.66 ng/ml



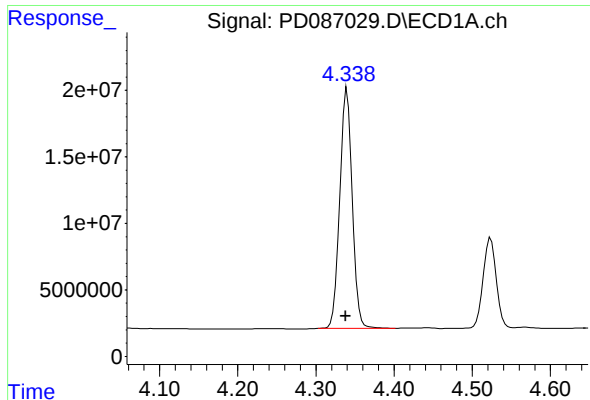
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.002 min
Response: 207885455
Conc: 51.66 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.001 min
Response: 919542821
Conc: 52.18 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 200439477
Conc: 50.25 ng/ml

Instrument :

ECD_D

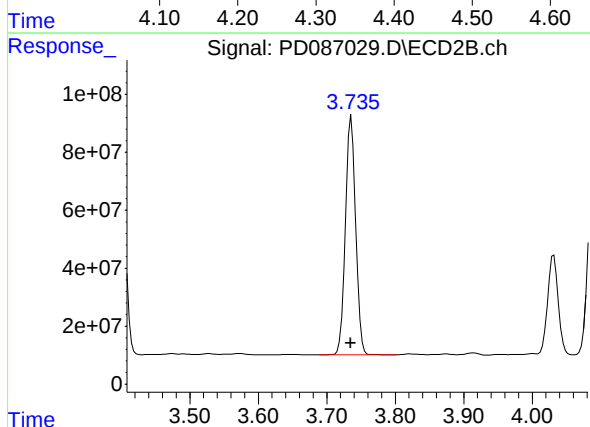
ClientSampleId :

MH-738MSD

Manual Integrations

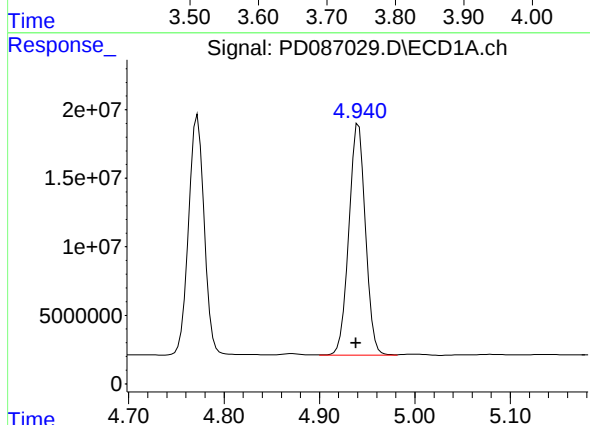
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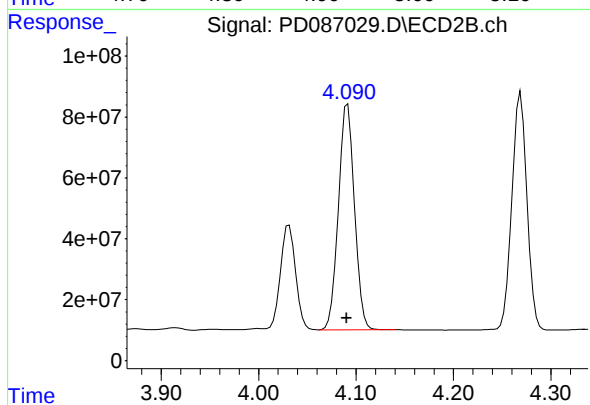
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 857512831
Conc: 51.06 ng/ml



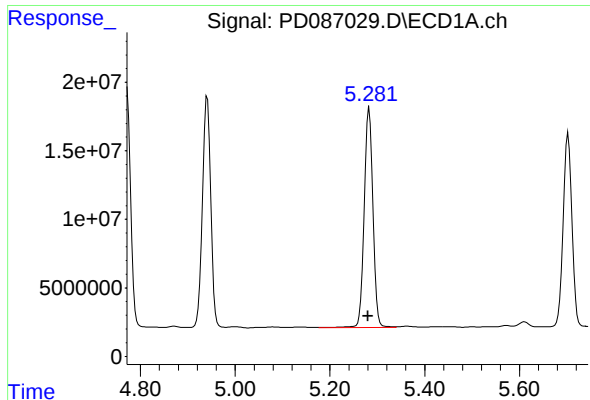
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 206016094
Conc: 52.47 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.001 min
Response: 850006399
Conc: 52.29 ng/ml



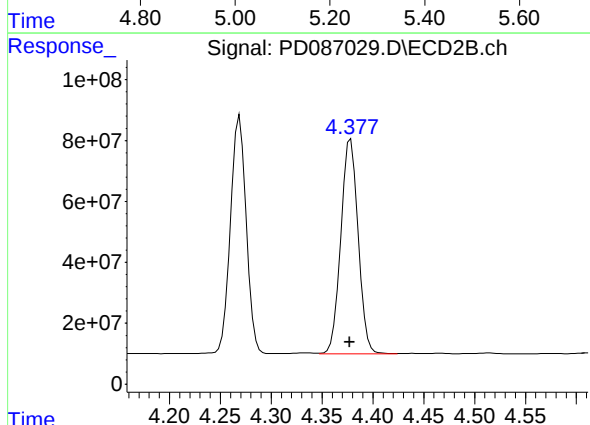
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.002 min
Response: 203731653
Conc: 49.98 ng/ml

Instrument :
ECD_D
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MH-738MSD

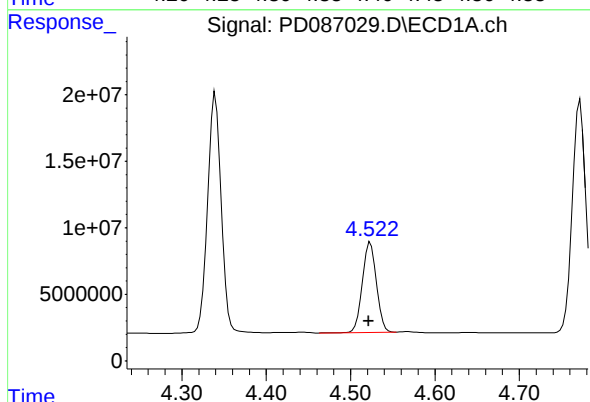
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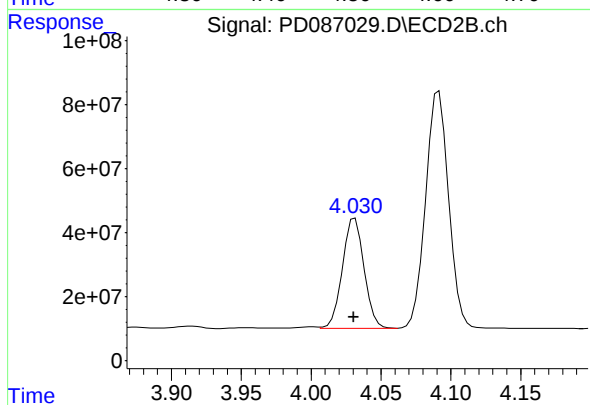
#5 Aldrin

R.T.: 4.378 min
Delta R.T.: 0.001 min
Response: 833838343
Conc: 49.88 ng/ml



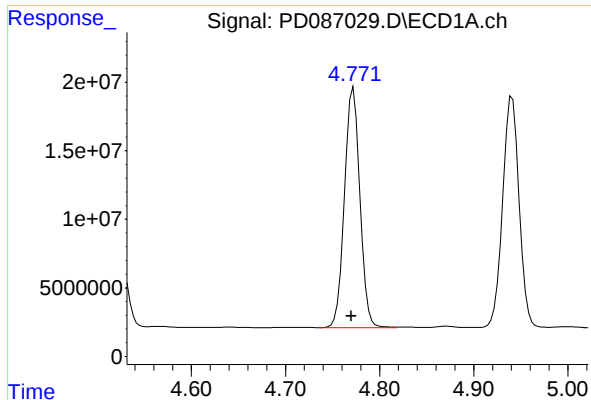
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 78576084
Conc: 49.82 ng/ml



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.001 min
Response: 372801915
Conc: 52.05 ng/ml



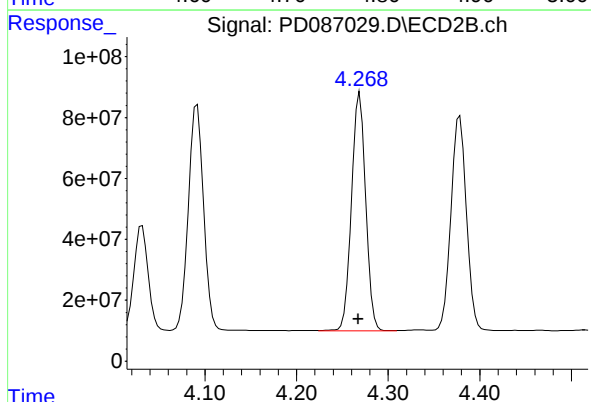
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 199946211
Conc: 49.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

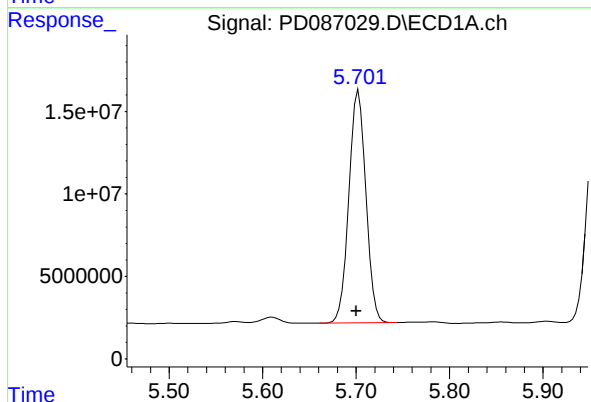
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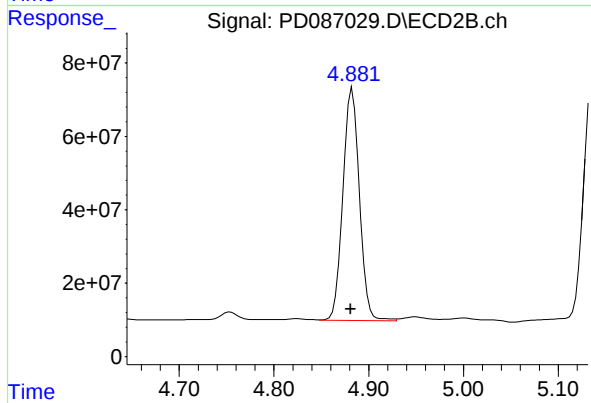
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.002 min
Response: 843200041
Conc: 49.59 ng/ml



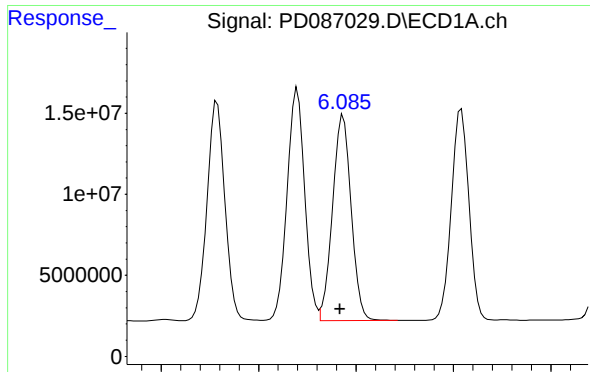
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.003 min
Response: 178685703
Conc: 49.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.883 min
Delta R.T.: 0.002 min
Response: 765834033
Conc: 50.44 ng/ml



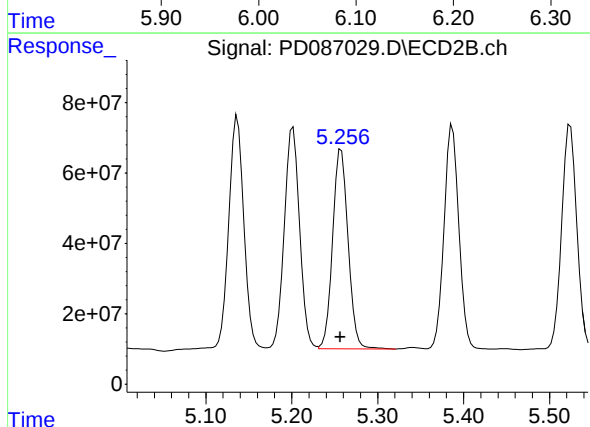
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.003 min
Response: 168073471
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

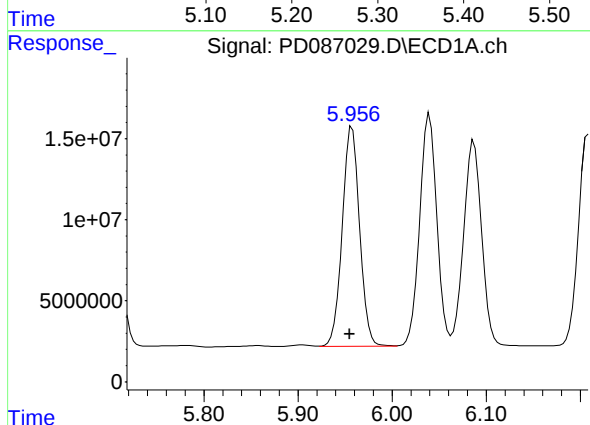
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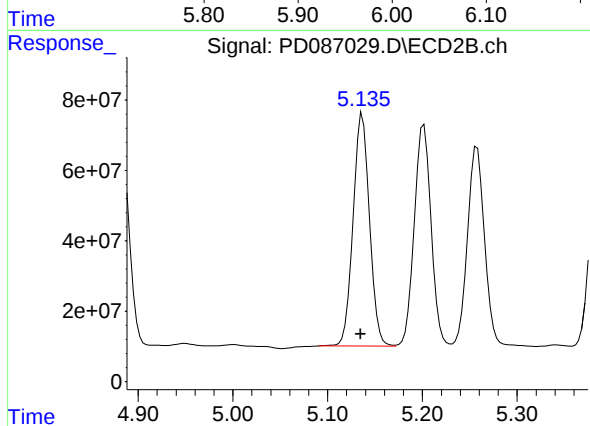
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 713183035
Conc: 50.24 ng/ml



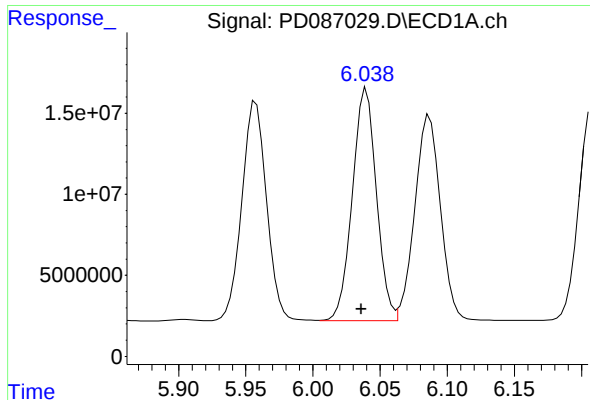
#10 gamma-Chlordane

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 174119464
Conc: 49.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 798519693
Conc: 51.33 ng/ml



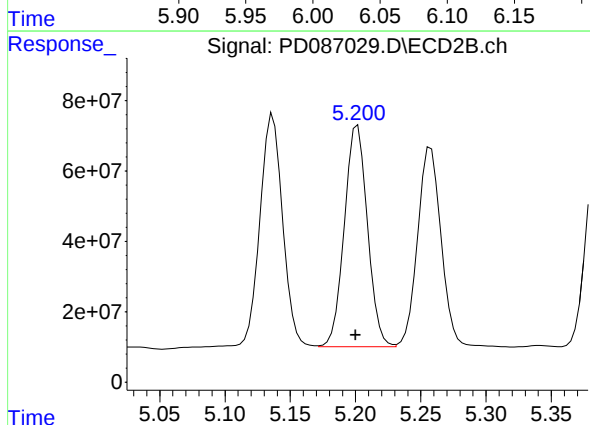
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 180646975
Conc: 50.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

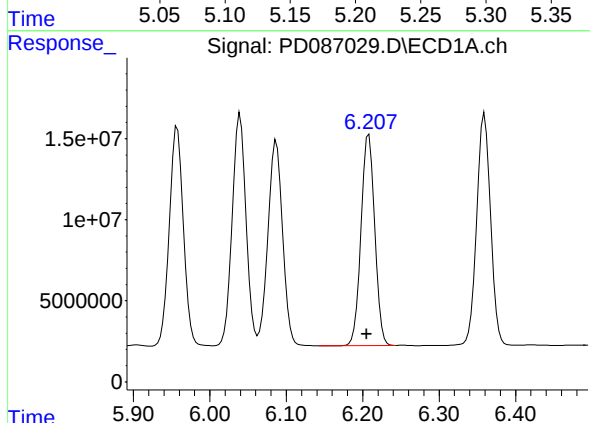
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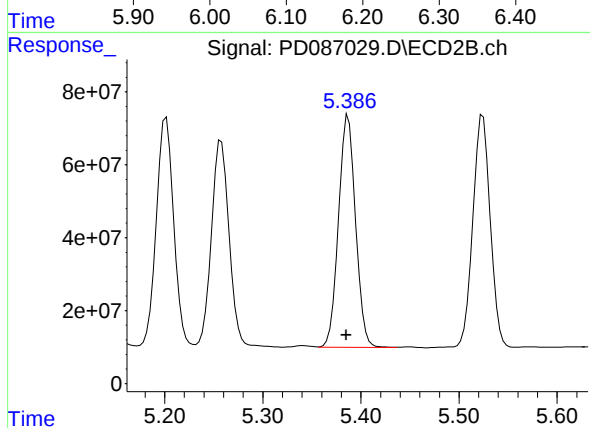
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.002 min
Response: 775633800
Conc: 50.75 ng/ml



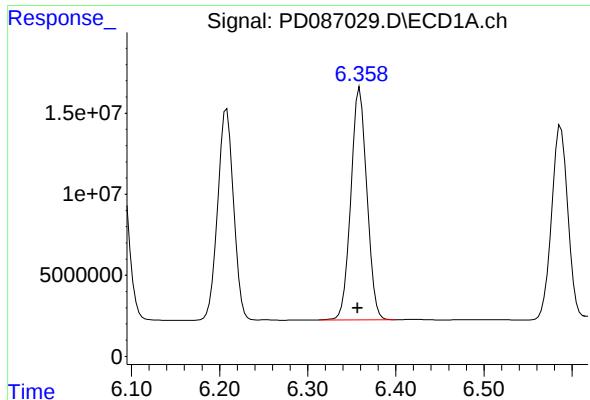
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 163542918
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: 0.002 min
Response: 770953232
Conc: 51.14 ng/ml



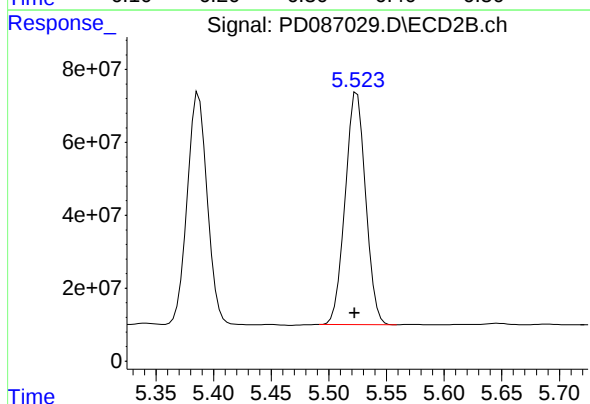
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 181053503
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

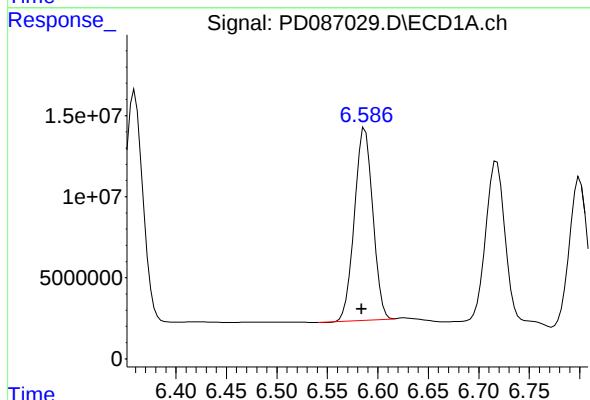
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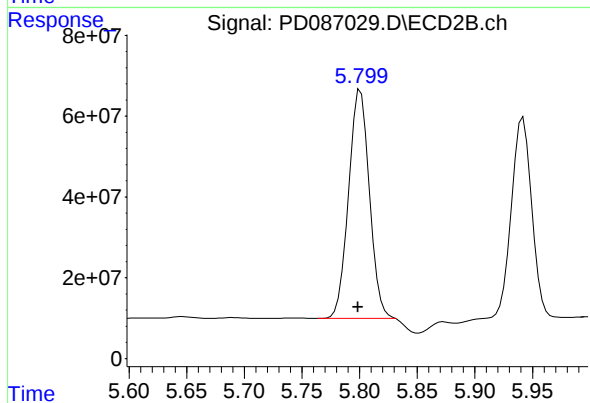
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 781895392
Conc: 50.21 ng/ml



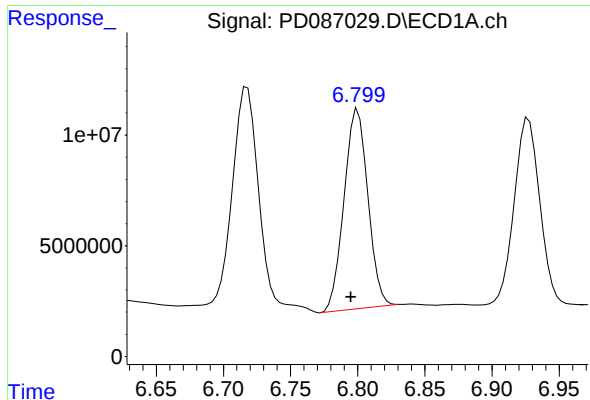
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 149948690
Conc: 49.55 ng/ml



#14 Endrin

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 709320523
Conc: 50.71 ng/ml m



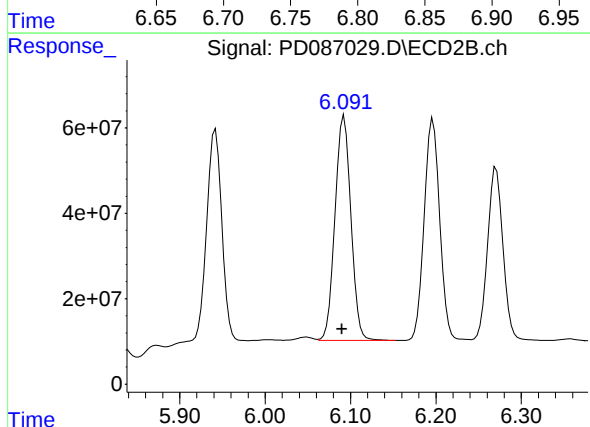
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.005 min
Response: 111938558
Conc: 37.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

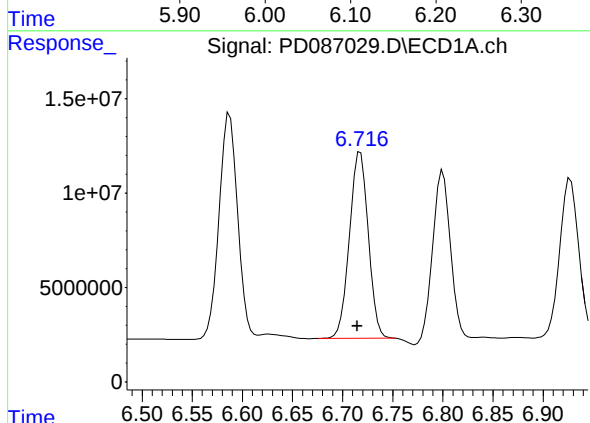
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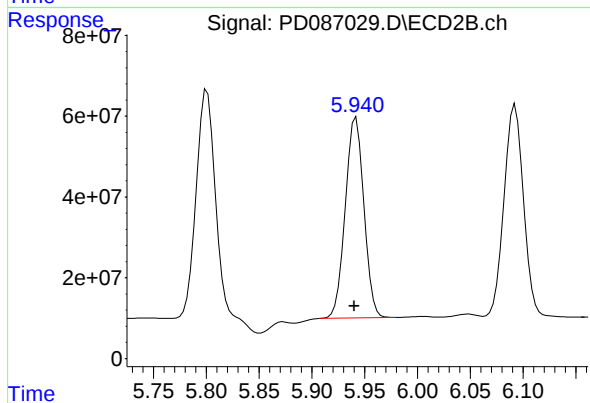
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 679423274
Conc: 49.36 ng/ml



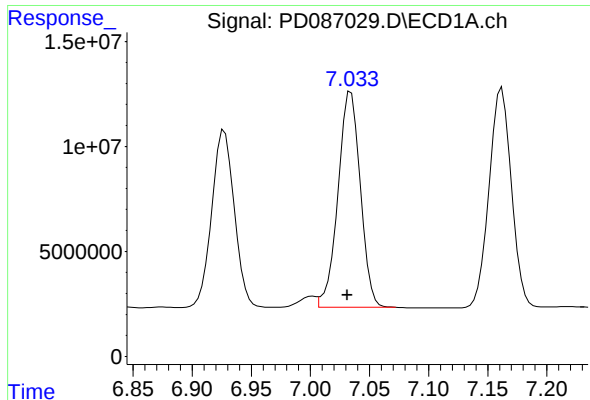
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 129517992
Conc: 49.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 609525717
Conc: 48.49 ng/ml m



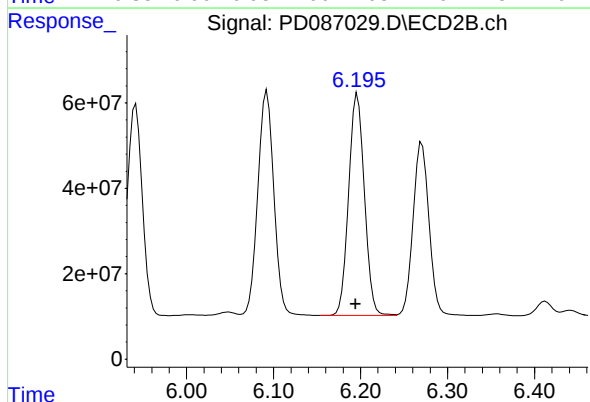
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 134972512
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

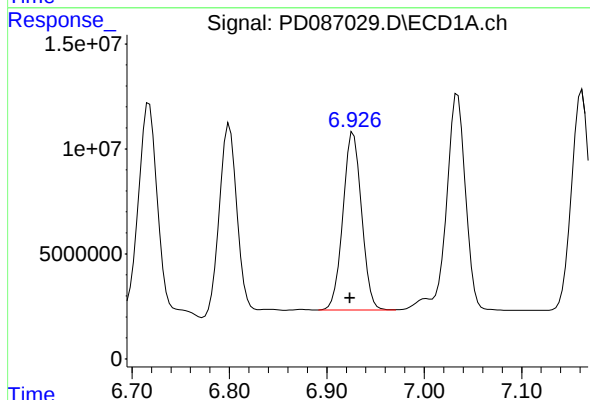
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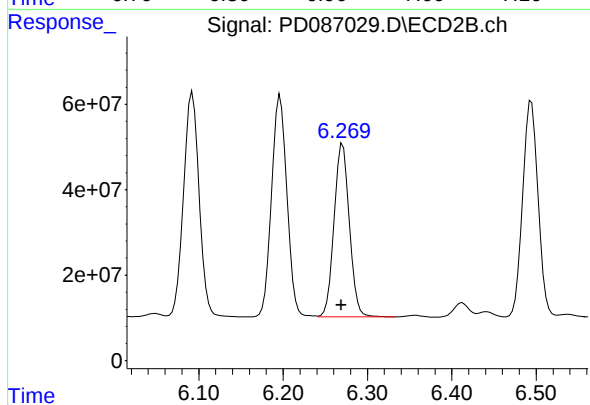
#17 4,4'-DDT

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 659107510
Conc: 49.43 ng/ml



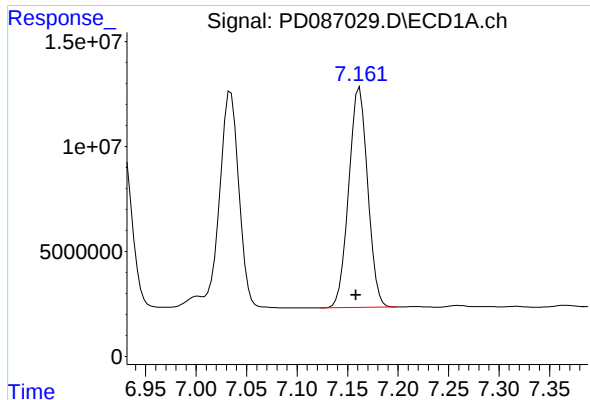
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 112227859
Conc: 45.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 510811992
Conc: 46.04 ng/ml



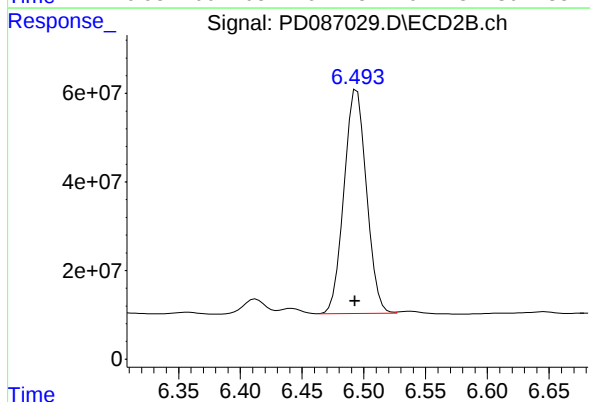
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 136984430
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

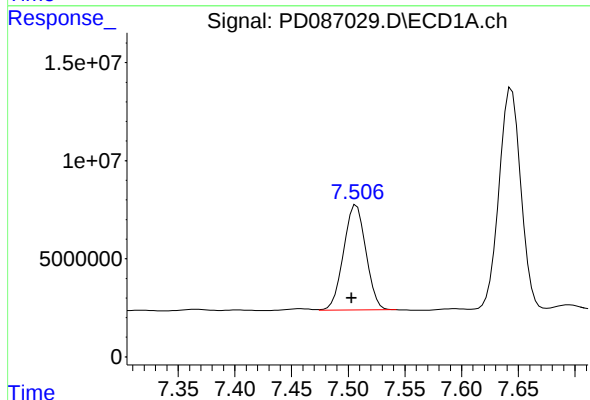
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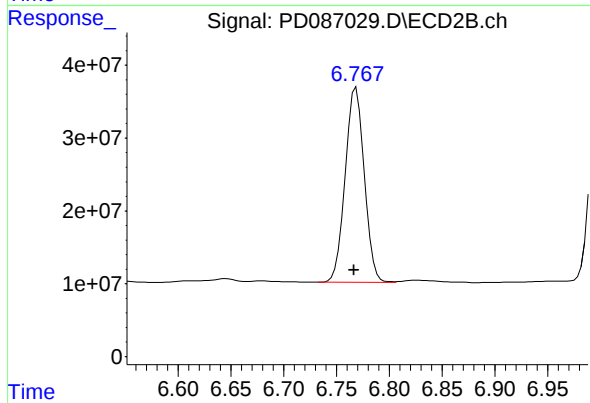
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: 0.002 min
Response: 641096470
Conc: 47.38 ng/ml



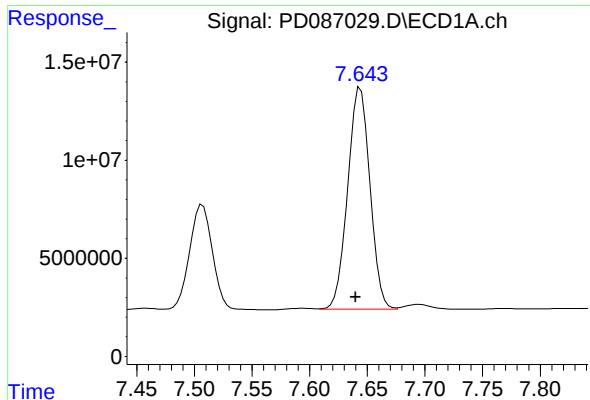
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.004 min
Response: 73355470
Conc: 45.87 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: 0.002 min
Response: 336781984
Conc: 46.95 ng/ml



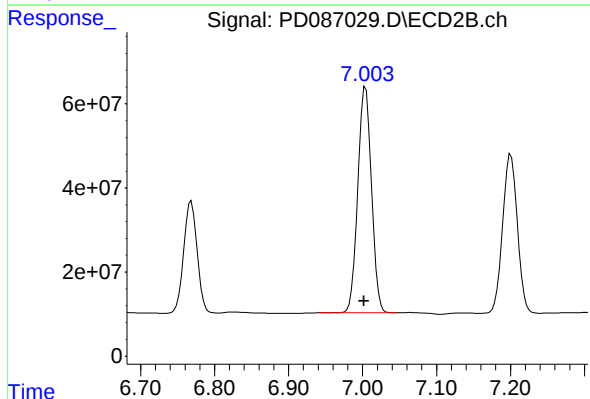
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 151608906
Conc: 46.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

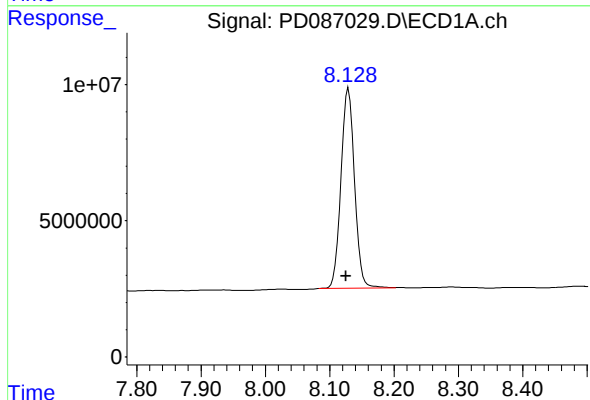
Manual Integrations
APPROVED

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



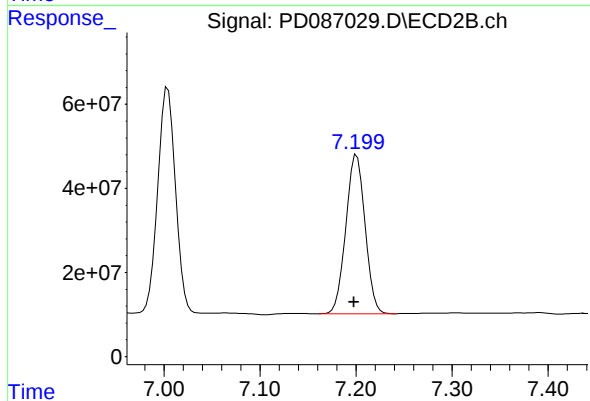
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 691337200
Conc: 45.87 ng/ml



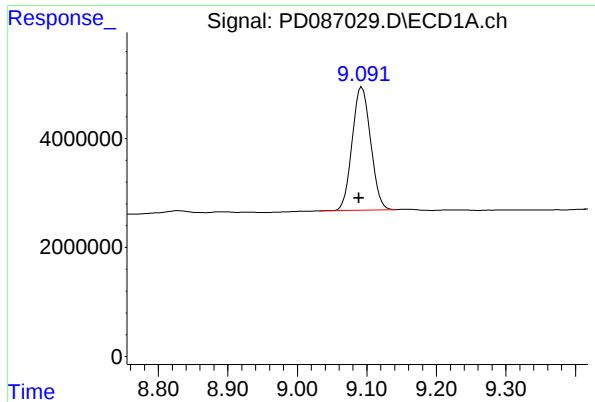
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 108116296
Conc: 43.33 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.003 min
Response: 523053051
Conc: 42.42 ng/ml



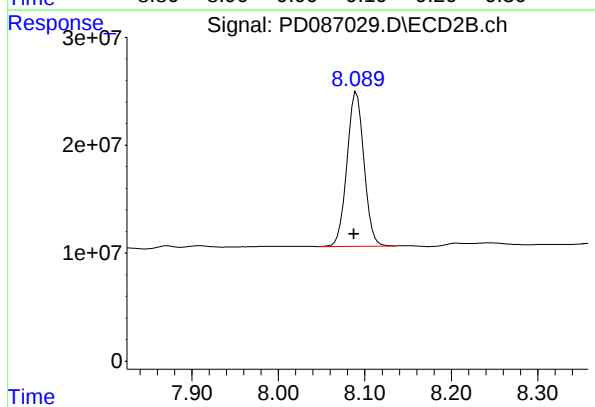
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.004 min
Response: 41789622
Conc: 13.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

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



#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.003 min
Response: 194465354
Conc: 13.96 ng/ml