

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
 Data File : PD087021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2024 14:47
 Operator : AR\AJ
 Sample : P5072-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-738MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 00:06:23 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...	3.577	2.884	26901580	177.4E6	13.452	15.499
28)	SA Decachlor...	9.109	8.087	39117548	171.0E6	12.297	12.273
Target Compounds							
2)	A alpha-BHC	4.026f	3.398	196.1E6	862.0E6	48.735m	48.919
3)	MA gamma-BHC...	4.358f	3.735	189.6E6	803.2E6	47.541	47.825
4)	MA Heptachlor	4.958f	4.090	195.0E6	796.9E6	49.670	49.024
5)	MB Aldrin	5.300f	4.377	189.7E6	778.0E6	46.533	46.541
6)	B beta-BHC	4.541f	4.030	74379674	353.7E6	47.159	49.384
7)	B delta-BHC	4.790f	4.268	189.4E6	788.4E6	46.455	46.370
8)	B Heptachlo...	5.719f	4.881	166.5E6	713.2E6	46.077m	46.970
9)	A Endosulfan I	6.104f	5.256	156.3E6	662.7E6	46.591	46.684
10)	B gamma-Chl...	5.975f	5.135	161.6E6	740.9E6	45.728	47.631
11)	B alpha-Chl...	6.057f	5.200	167.6E6	721.0E6	46.913	47.181
12)	B 4,4'-DDE	6.225f	5.385	151.9E6	709.5E6	46.672	47.066
13)	MA Dieldrin	6.375f	5.522	168.6E6	722.2E6	46.672m	46.377
14)	MA Endrin	6.603f	5.797	145.1E6	658.0E6	47.937m	47.041m
15)	B Endosulfa...	6.815f	6.090	105.0E6	624.9E6	35.131m	45.401 #
16)	A 4,4'-DDD	6.733f	5.939	120.6E6	565.7E6	46.376m	45.008m
17)	MA 4,4'-DDT	7.050f	6.194	126.1E6	604.9E6	44.653m	45.364
18)	B Endrin al...	6.944f	6.268	105.6E6	474.5E6	43.187	42.772
19)	B Endosulfa...	7.179f	6.493	127.3E6	587.2E6	43.730	43.399
20)	A Methoxychlor	7.522f	6.766	67539798	308.8E6	42.231m	43.043
21)	B Endrin ke...	7.661f	7.001	140.7E6	627.4E6	43.357	41.625
22)	Mirex	8.145f	7.198	98966538	473.6E6	39.666	38.409

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120424\
Data File : PD087021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2024 14:47
Operator : AR\AJ
Sample : P5072-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

MH-738MSD

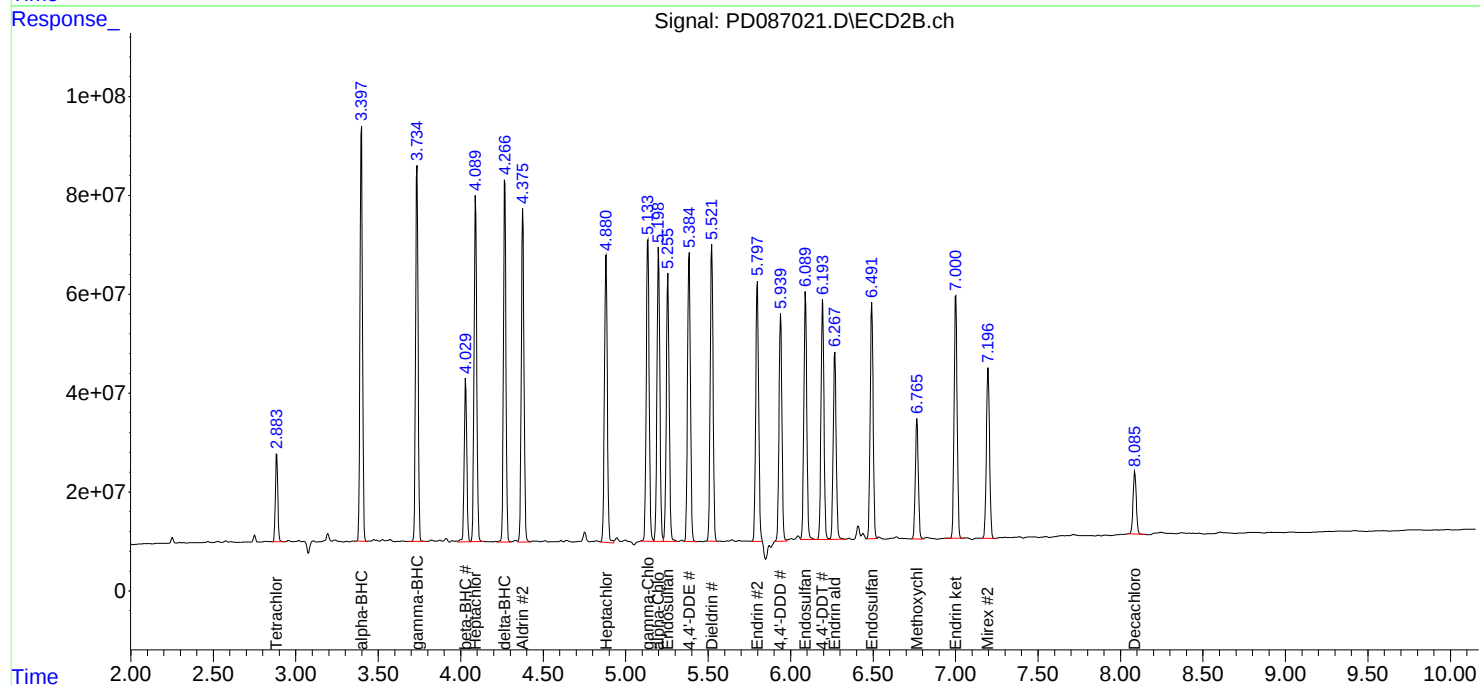
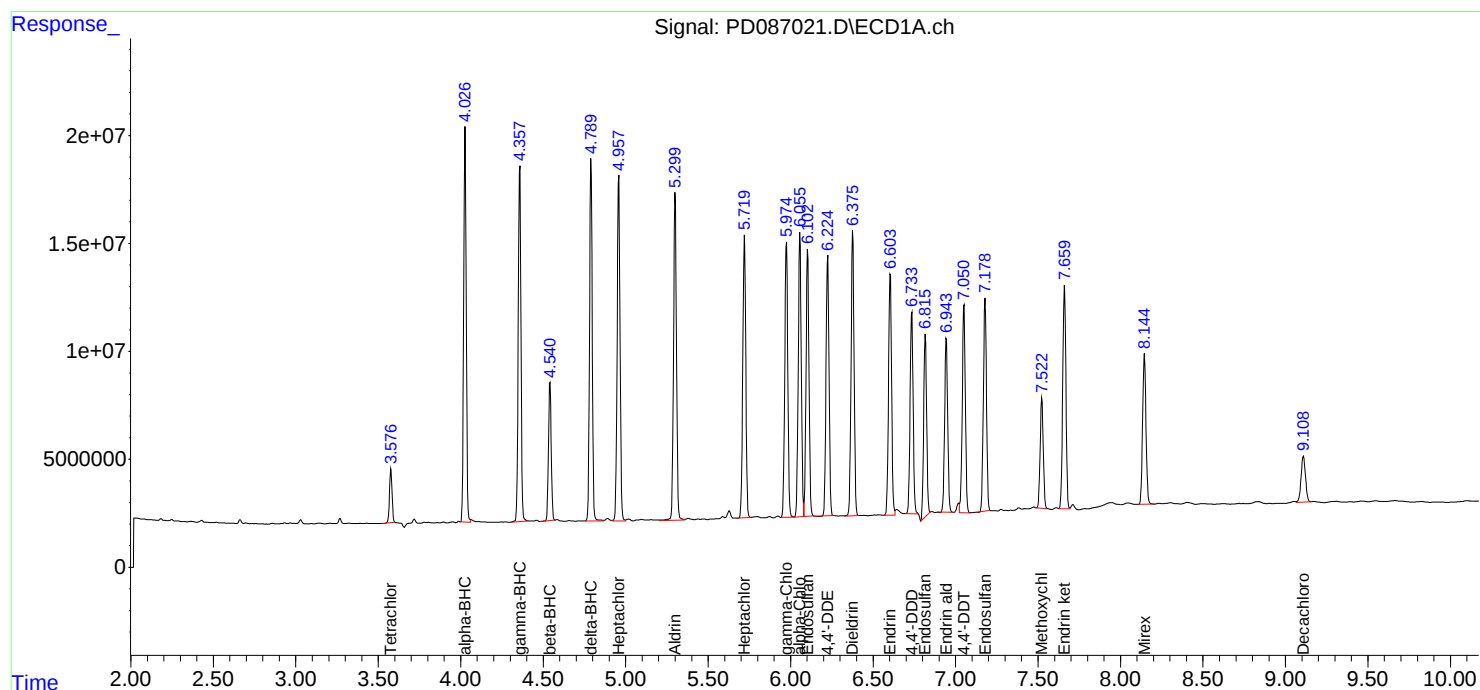
Manual Integrations

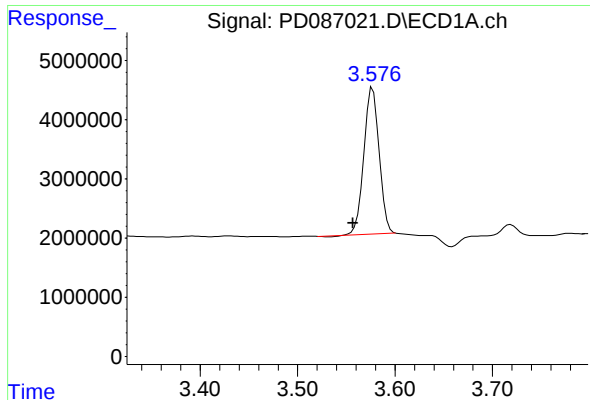
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Supervised By :Ankita Jodhani 12/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 00:06:23 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





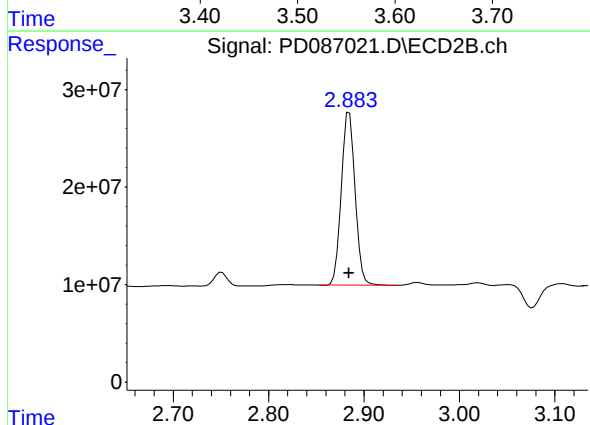
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: 0.020 min
Response: 26901580
Conc: 13.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

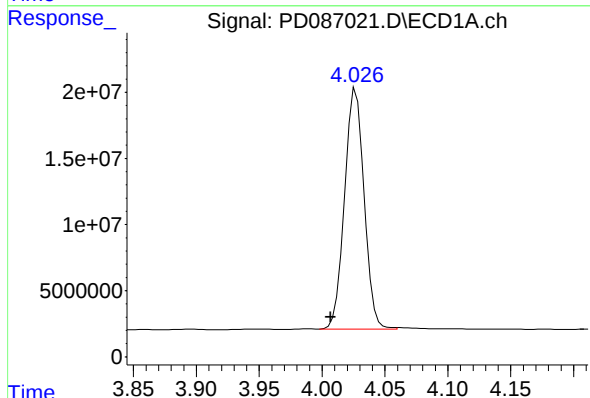
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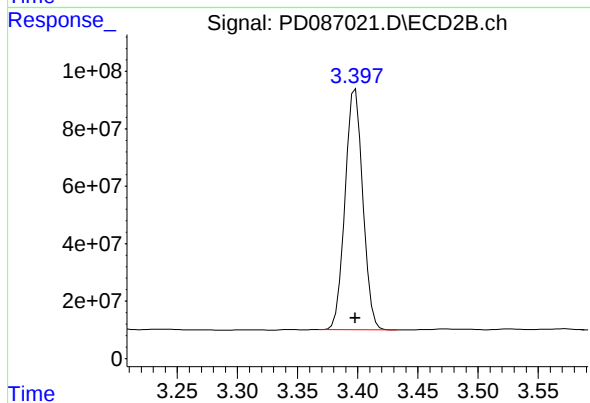
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 177405231
Conc: 15.50 ng/ml



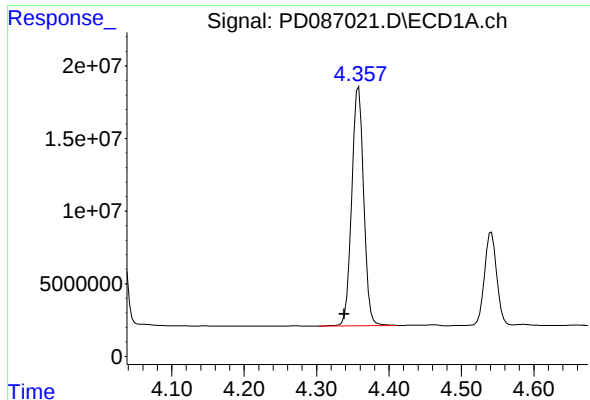
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.019 min
Response: 196113028
Conc: 48.74 ng/ml m



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 862005162
Conc: 48.92 ng/ml



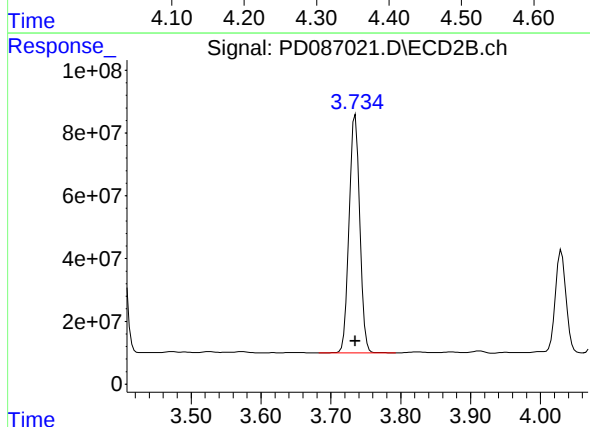
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.020 min
Response: 189616270
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

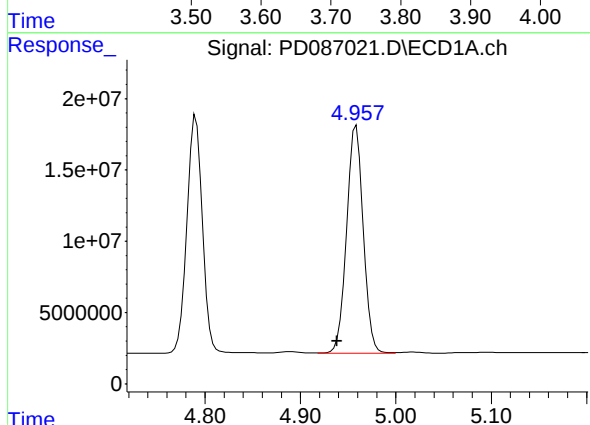
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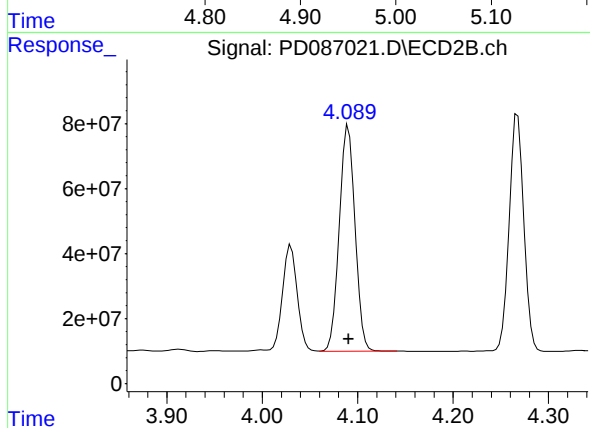
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 803217915
Conc: 47.83 ng/ml



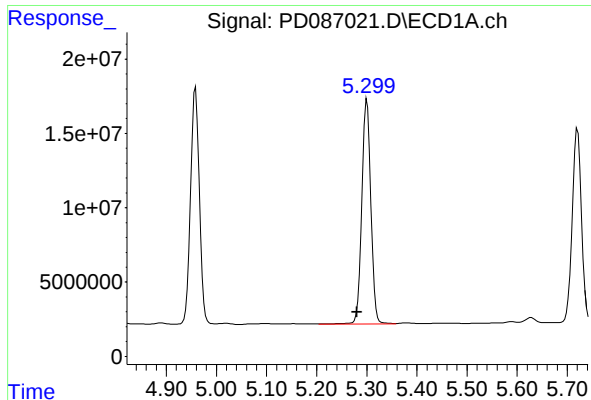
#4 Heptachlor

R.T.: 4.958 min
Delta R.T.: 0.020 min
Response: 195013570
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 796920219
Conc: 49.02 ng/ml



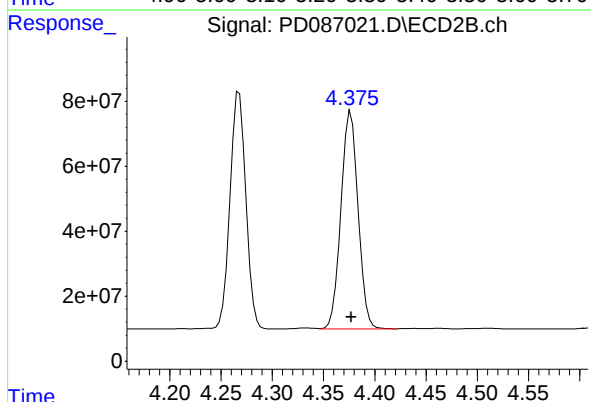
#5 Aldrin

R.T.: 5.300 min
Delta R.T.: 0.020 min
Response: 189661153
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

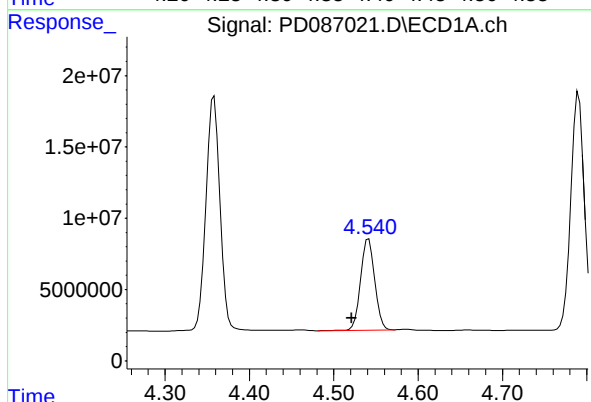
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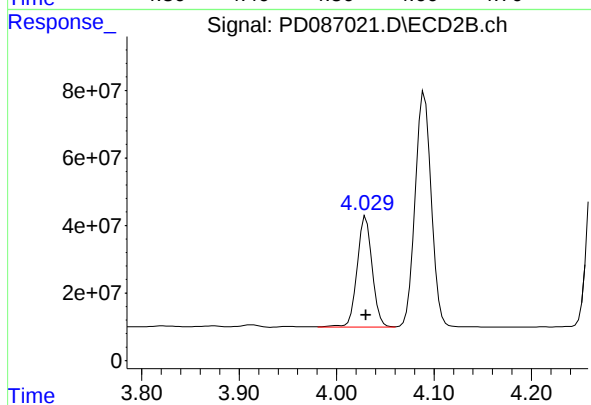
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 778042851
Conc: 46.54 ng/ml



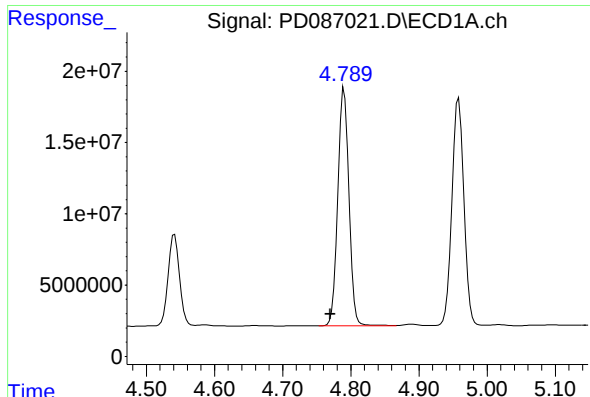
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.020 min
Response: 74379674
Conc: 47.16 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 353677885
Conc: 49.38 ng/ml



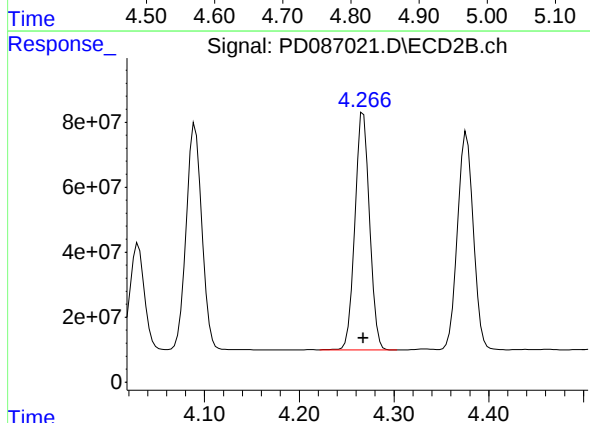
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: 0.020 min
Response: 189353788
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

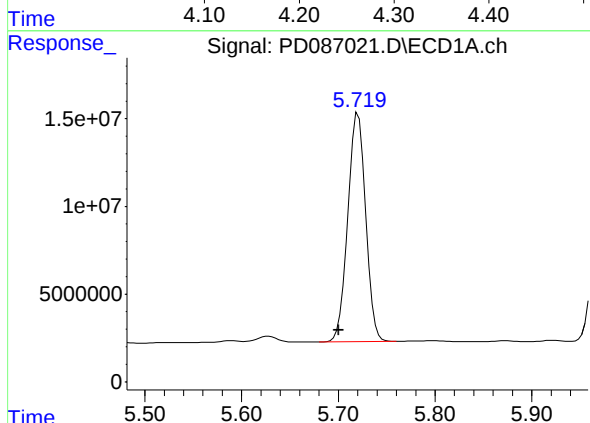
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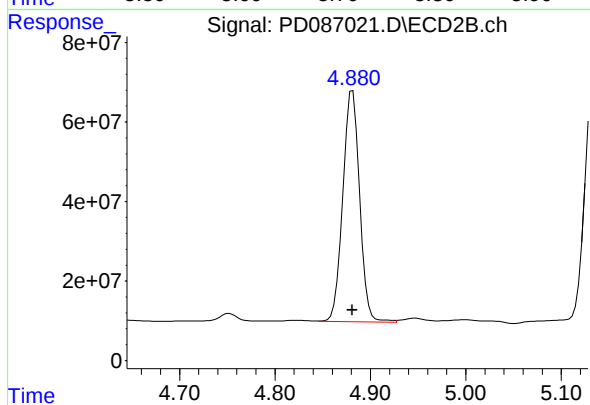
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 788396984
Conc: 46.37 ng/ml



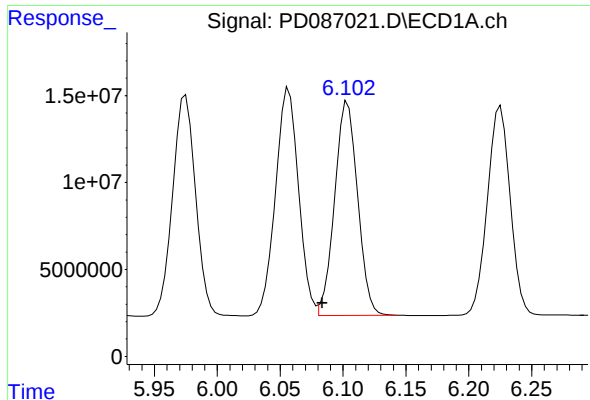
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.019 min
Response: 166501554
Conc: 46.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 713189918
Conc: 46.97 ng/ml



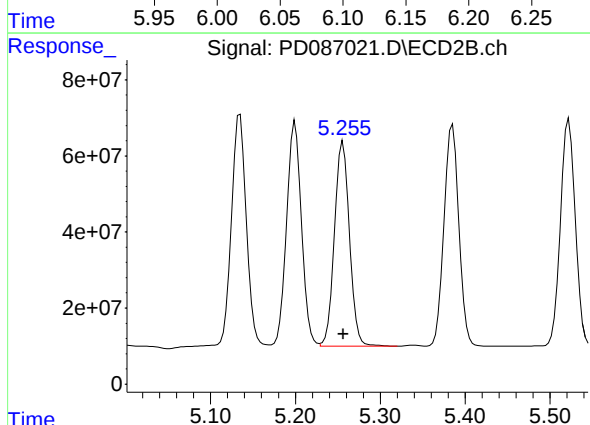
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.020 min
Response: 156348469
Conc: 46.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

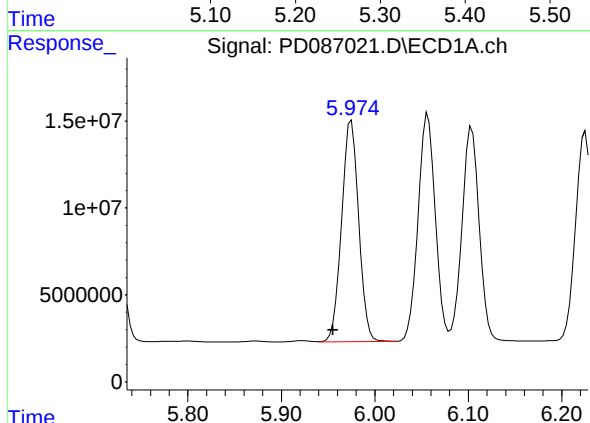
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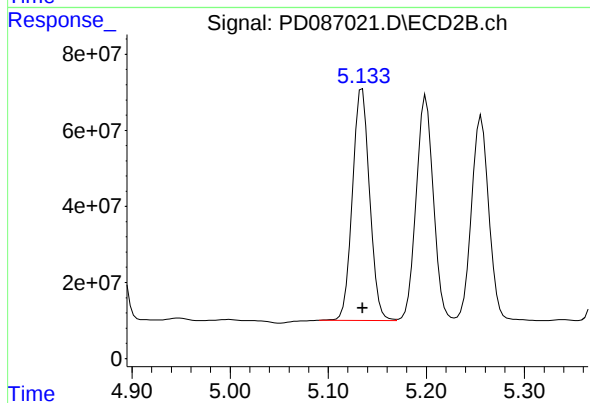
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 662748909
Conc: 46.68 ng/ml



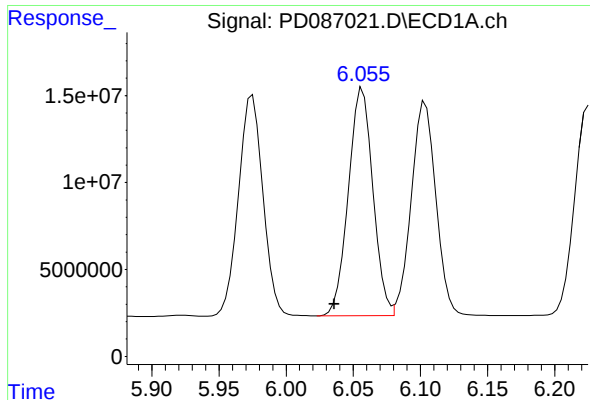
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.020 min
Response: 161556392
Conc: 45.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 740931492
Conc: 47.63 ng/ml



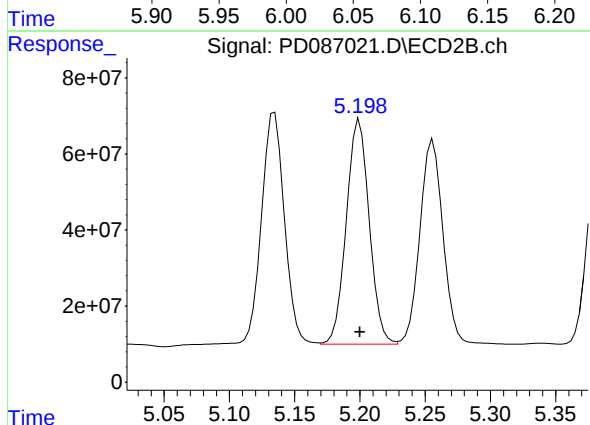
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.021 min
Response: 167611029
Conc: 46.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

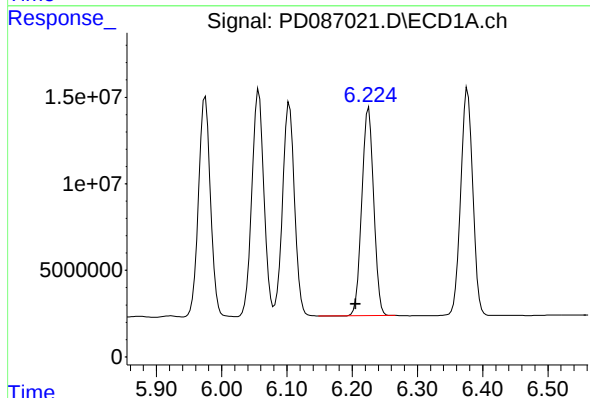
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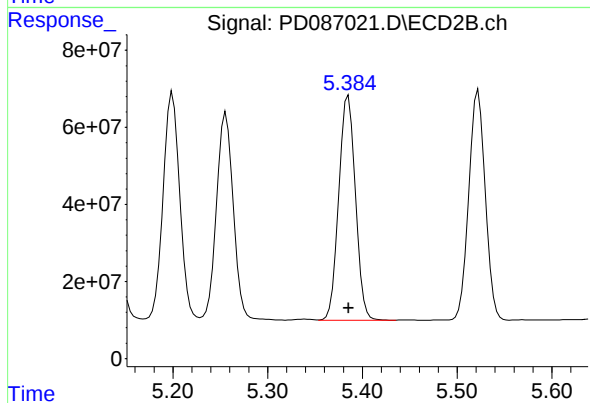
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 721022725
Conc: 47.18 ng/ml



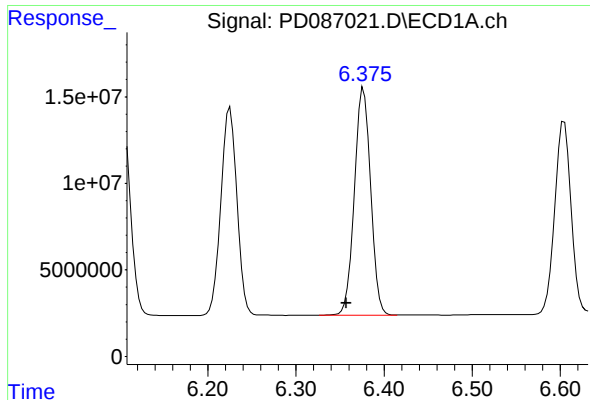
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.020 min
Response: 151854595
Conc: 46.67 ng/ml



#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 709492610
Conc: 47.07 ng/ml



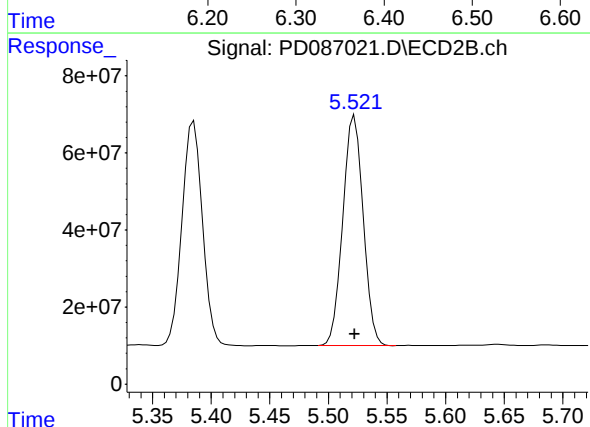
#13 Dieldrin

R.T.: 6.375 min
Delta R.T.: 0.018 min
Response: 168610064
Conc: 46.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

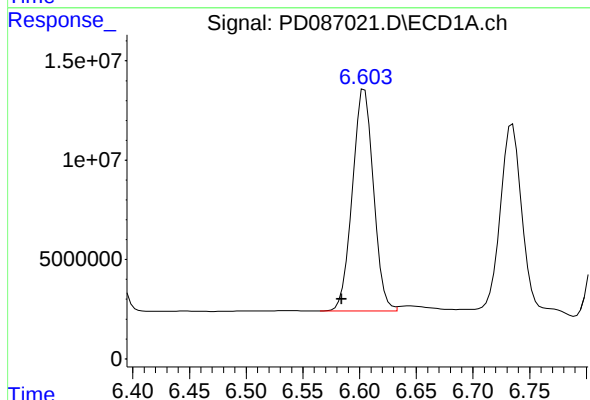
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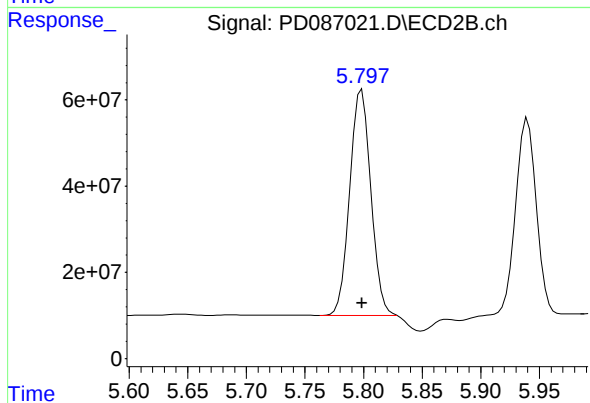
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 722180021
Conc: 46.38 ng/ml



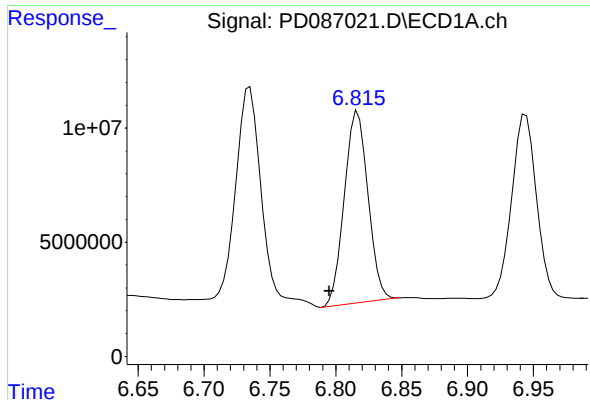
#14 Endrin

R.T.: 6.603 min
Delta R.T.: 0.019 min
Response: 145055443
Conc: 47.94 ng/ml m



#14 Endrin

R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 658036233
Conc: 47.04 ng/ml m



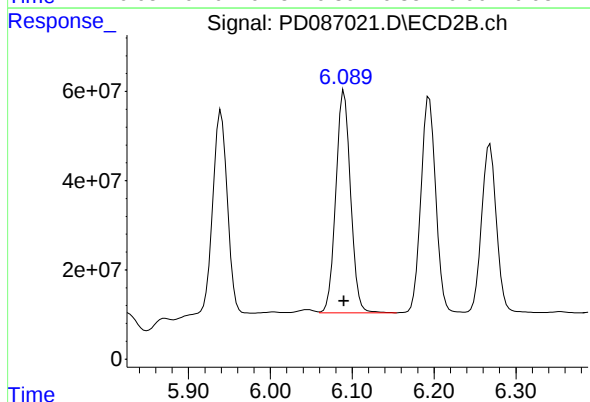
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.020 min
Response: 105007064
Conc: 35.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

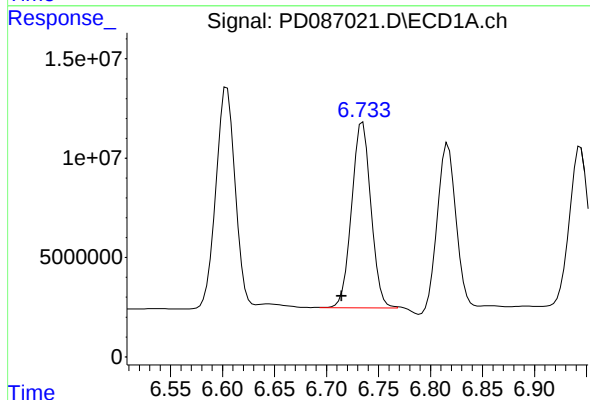
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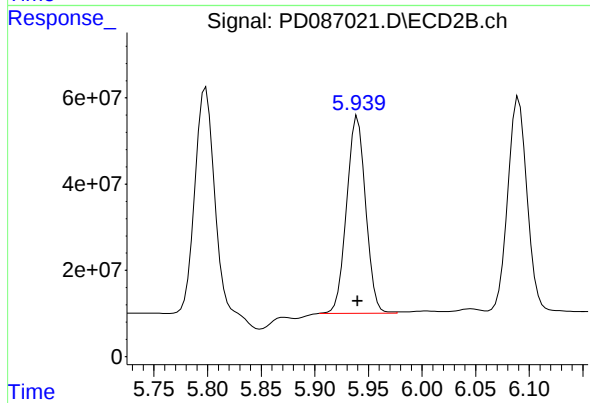
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 624895493
Conc: 45.40 ng/ml



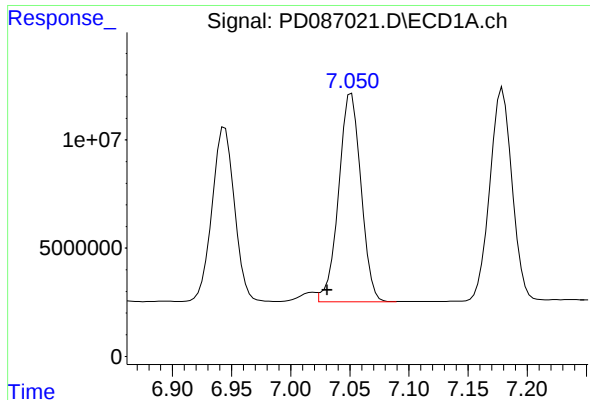
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.019 min
Response: 120558776
Conc: 46.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 565732848
Conc: 45.01 ng/ml m



#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: 0.019 min
Response: 126140470
Conc: 44.65 ng/ml

Instrument :

ECD_D

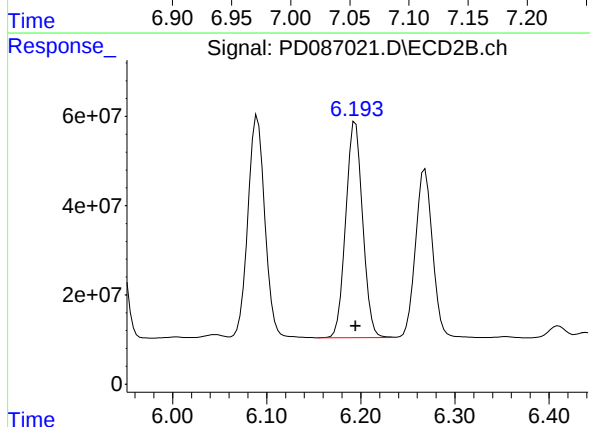
ClientSampleId :

MH-738MSD

Manual Integrations

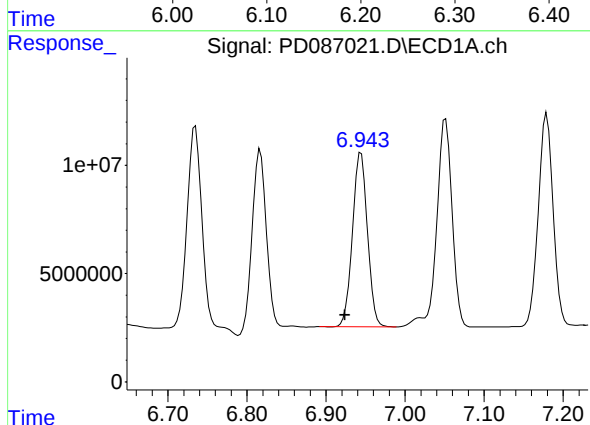
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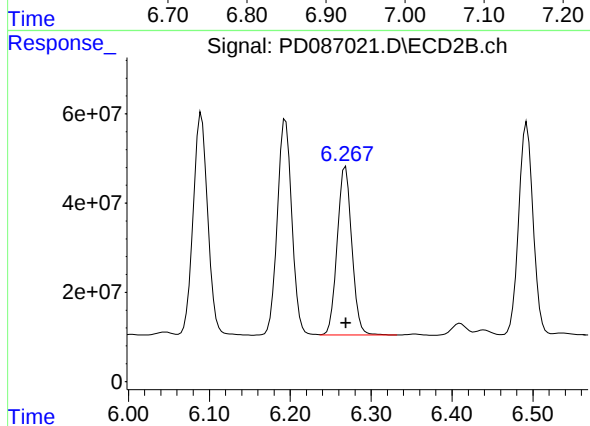
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 604881484
Conc: 45.36 ng/ml



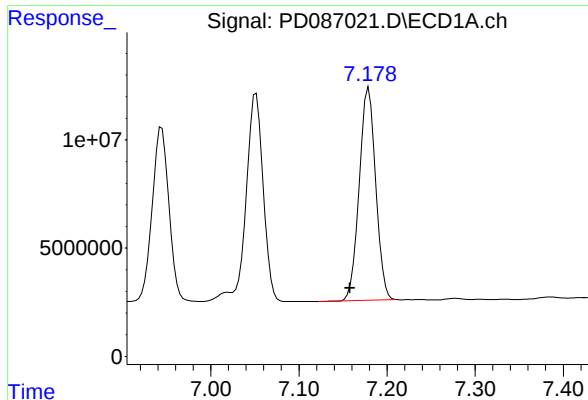
#18 Endrin aldehyde

R.T.: 6.944 min
Delta R.T.: 0.020 min
Response: 105577684
Conc: 43.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 474503664
Conc: 42.77 ng/ml



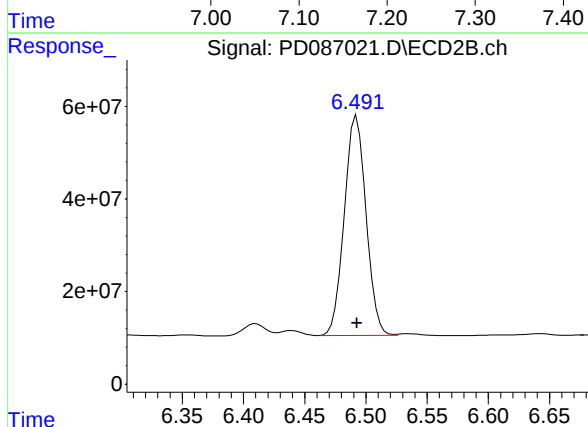
#19 Endosulfan Sulfate

R.T.: 7.179 min
Delta R.T.: 0.021 min
Response: 127258981
Conc: 43.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

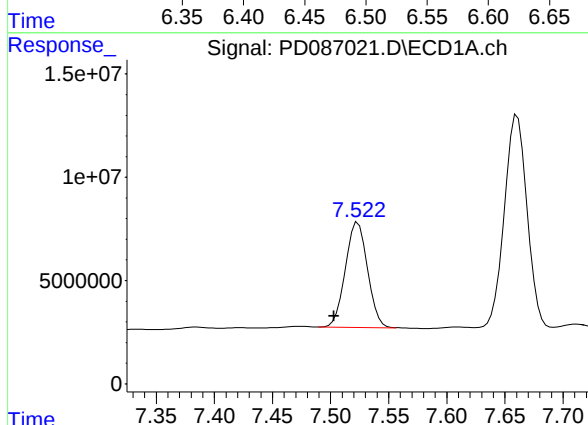
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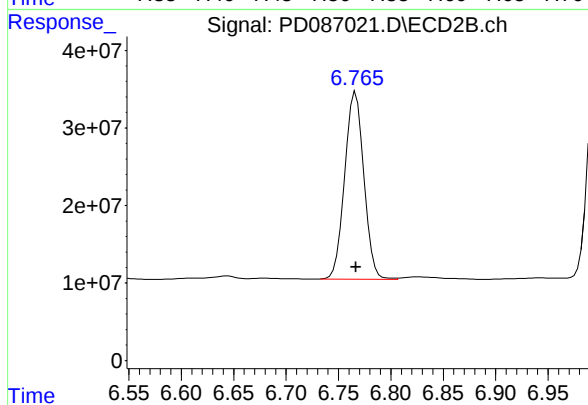
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 587174188
Conc: 43.40 ng/ml



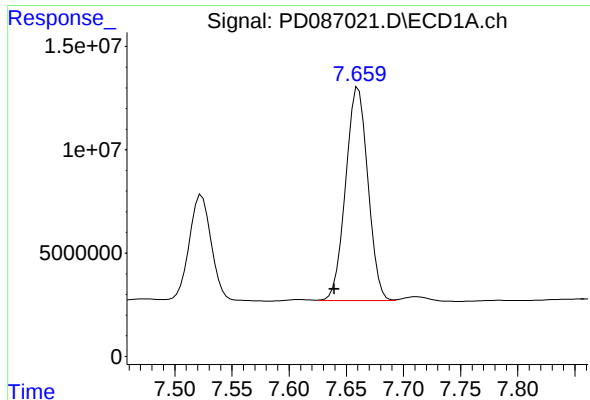
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.019 min
Response: 67539798
Conc: 42.23 ng/ml m



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 308758165
Conc: 43.04 ng/ml



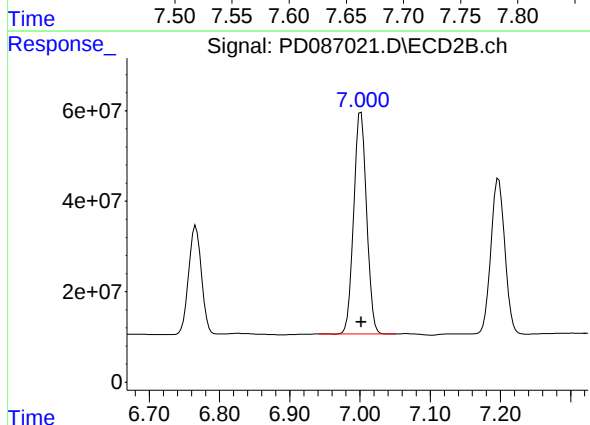
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.021 min
Response: 140705400
Conc: 43.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

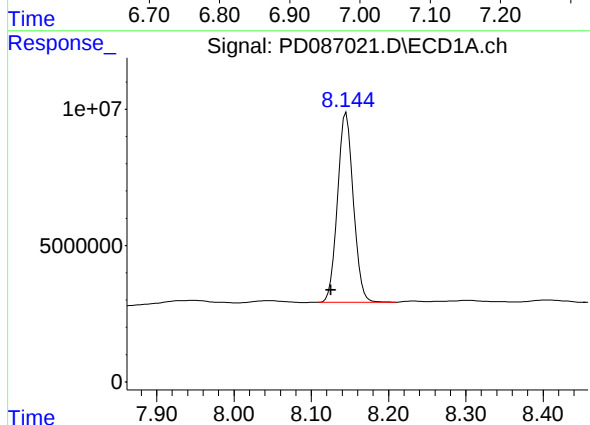
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :Ankita Jodhani 12/05/2024



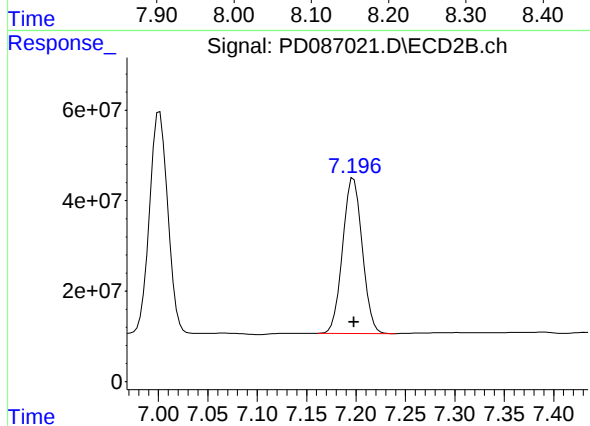
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 627360209
Conc: 41.63 ng/ml



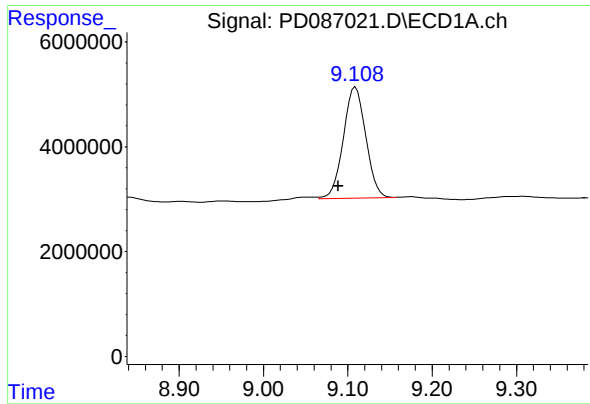
#22 Mirex

R.T.: 8.145 min
Delta R.T.: 0.020 min
Response: 98966538
Conc: 39.67 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 473608777
Conc: 38.41 ng/ml



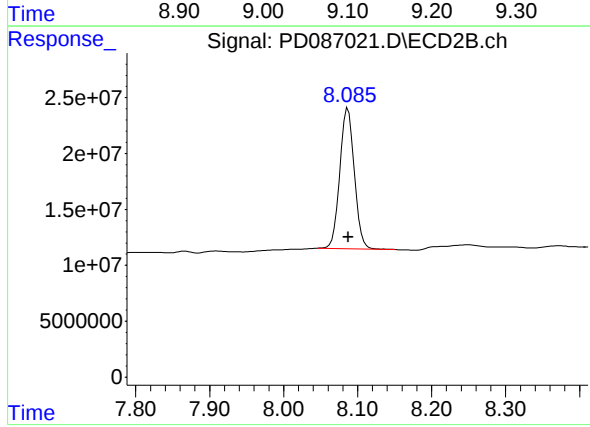
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.020 min
Response: 39117548
Conc: 12.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/05/2024



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 170994897
Conc: 12.27 ng/ml