

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
 Data File : PD087008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2024 14:42
 Operator : AR\AJ
 Sample : P5052-19MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-640-COMP-63MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2024
 Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 21:40:50 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...	3.556	2.883	39116223	225.1E6	19.560m	19.669m
28) SA Decachlor...	9.088	8.086	53055819	231.8E6	16.679	16.638
Target Compounds						
2) A alpha-BHC	4.007	3.398	194.8E6	853.9E6	48.420	48.458
3) MA gamma-BHC...	4.338	3.735	190.4E6	812.8E6	47.746	48.398
4) MA Heptachlor	4.938	4.090	195.8E6	797.0E6	49.881	49.027
5) MB Aldrin	5.280	4.376	191.7E6	780.4E6	47.044	46.681
6) B beta-BHC	4.521	4.030	76983670	346.9E6	48.810	48.442
7) B delta-BHC	4.770	4.267	188.6E6	788.3E6	46.277	46.364
8) B Heptachlo...	5.699	4.880	167.8E6	691.1E6	46.429	45.516
9) A Endosulfan I	6.083	5.255	160.9E6	667.6E6	47.958	47.026
10) B gamma-Chl...	5.955	5.134	169.6E6	741.1E6	48.012	47.640
11) B alpha-Chl...	6.036	5.199	169.1E6	738.8E6	47.317	48.344
12) B 4,4'-DDE	6.204	5.384	154.5E6	705.7E6	47.475	46.811
13) MA Dieldrin	6.356	5.521	169.8E6	722.8E6	46.990	46.415
14) MA Endrin	6.583	5.798	141.2E6	658.6E6	46.663	47.084
15) B Endosulfa...	6.795	6.089	136.1E6	631.4E6	45.521	45.875
16) A 4,4'-DDD	6.714	5.938	117.9E6	571.6E6	45.372	45.476
17) MA 4,4'-DDT	7.029	6.193	136.9E6	609.9E6	48.457m	45.737
18) B Endrin al...	6.924	6.267	105.9E6	479.5E6	43.299	43.224
19) B Endosulfa...	7.158	6.491	127.4E6	597.3E6	43.771	44.145
20) A Methoxychlor	7.503	6.765	70882690	310.1E6	44.322	43.229
21) B Endrin ke...	7.640	7.000	143.1E6	645.8E6	44.106	42.848
22) Mirex	8.124	7.197	100.5E6	485.5E6	40.299	39.375

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
Data File : PD087008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2024 14:42
Operator : AR\AJ
Sample : P5052-19MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

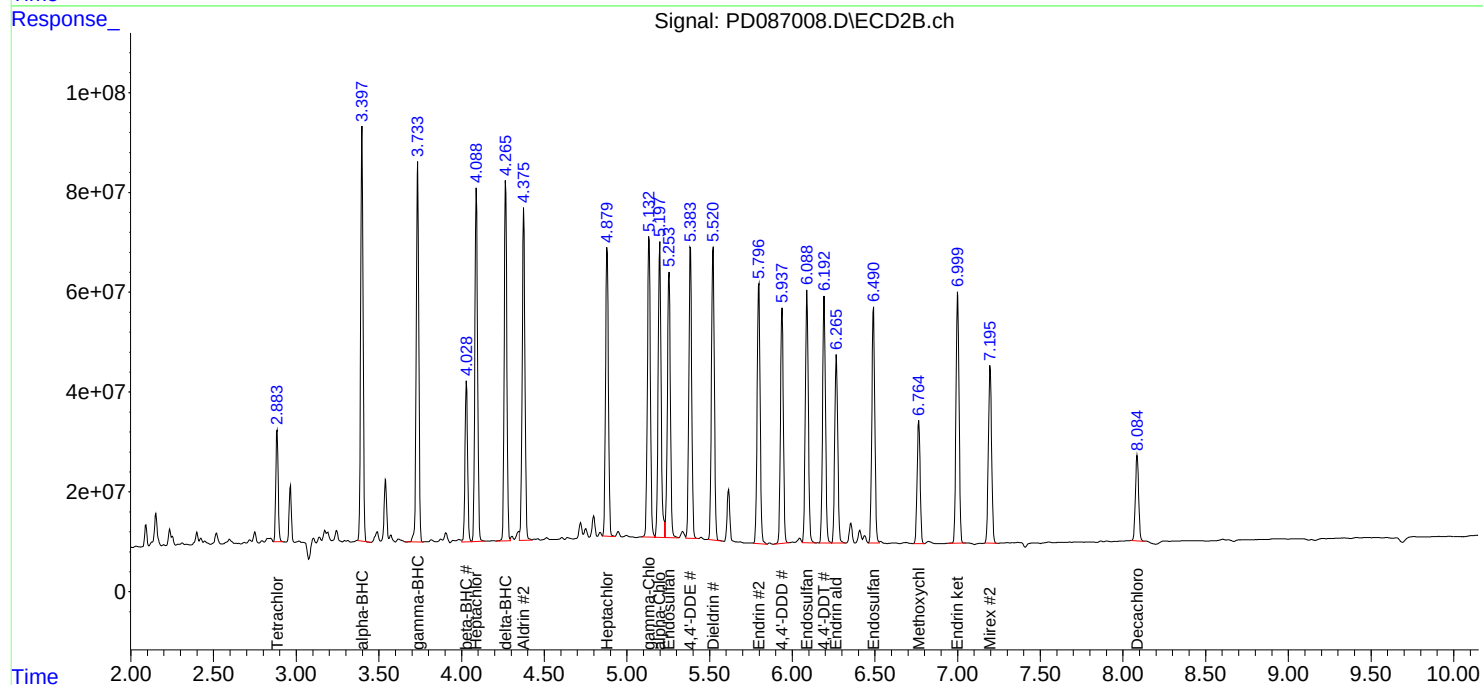
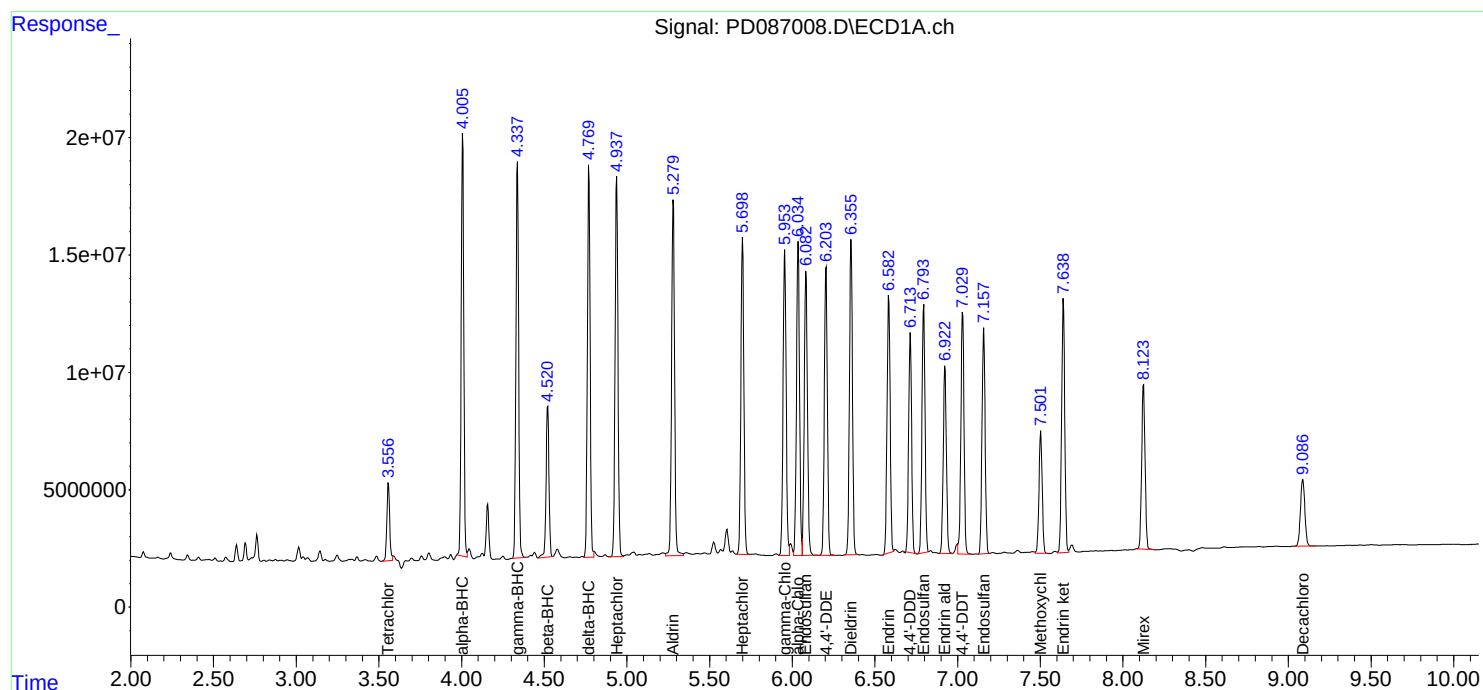
Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

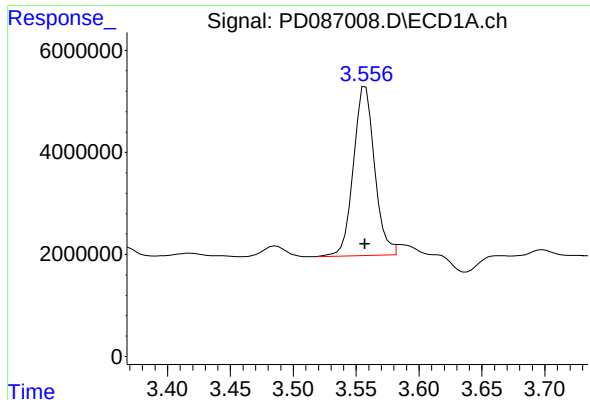
Manual Integrations
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Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 21:40:50 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
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





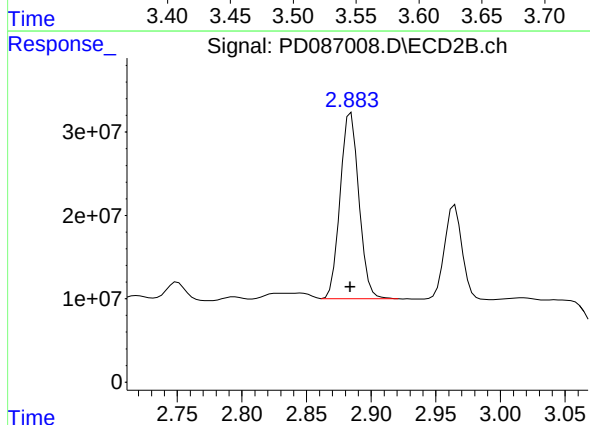
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: -0.001 min
Response: 39116223
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

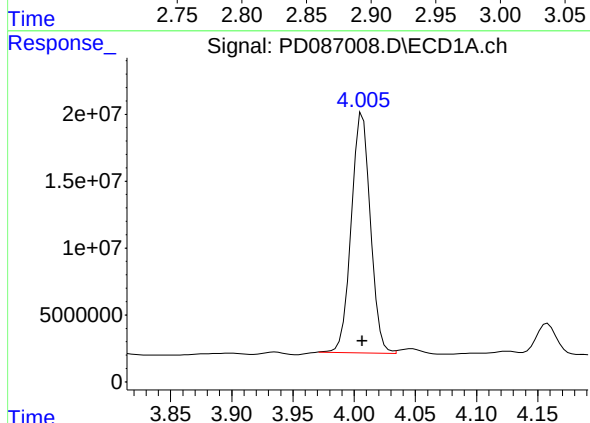
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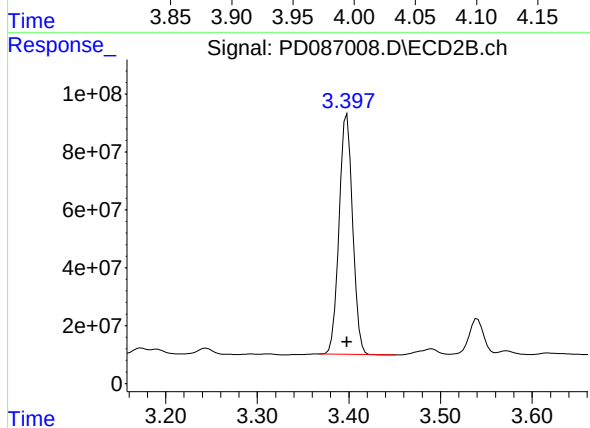
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 225140146
Conc: 19.67 ng/ml



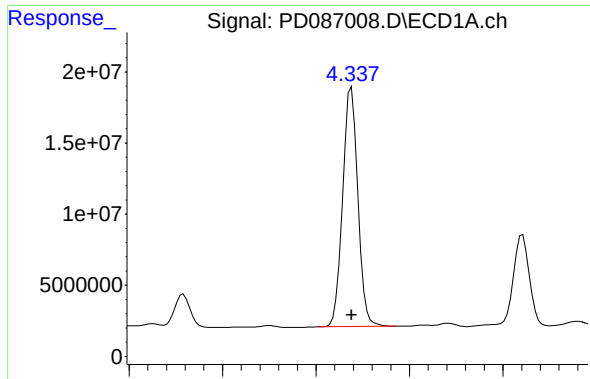
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 194842418
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 853872795
Conc: 48.46 ng/ml



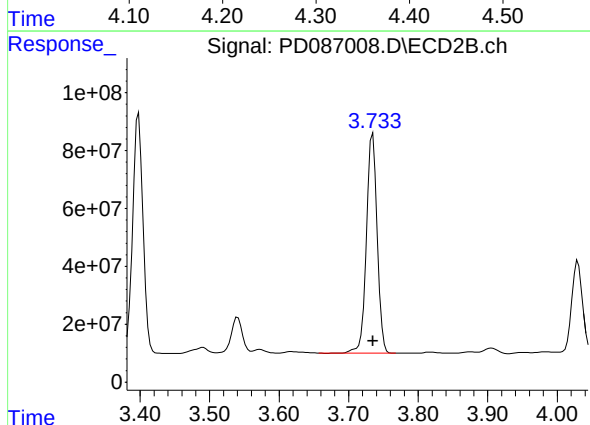
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 190434432
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

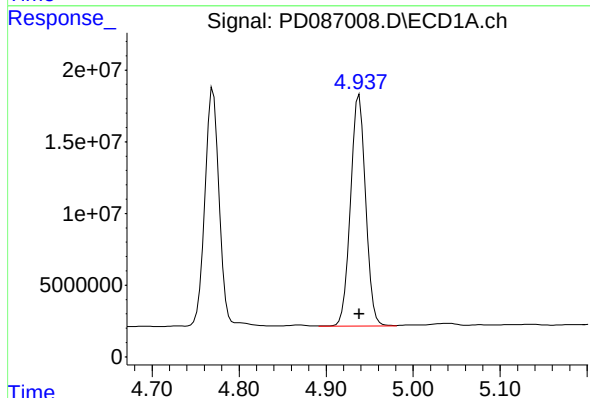
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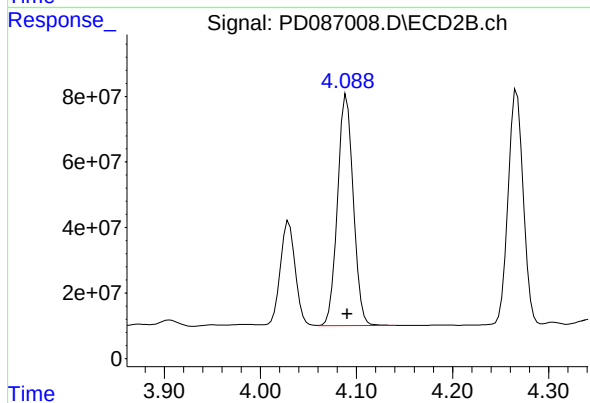
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 812838255
Conc: 48.40 ng/ml



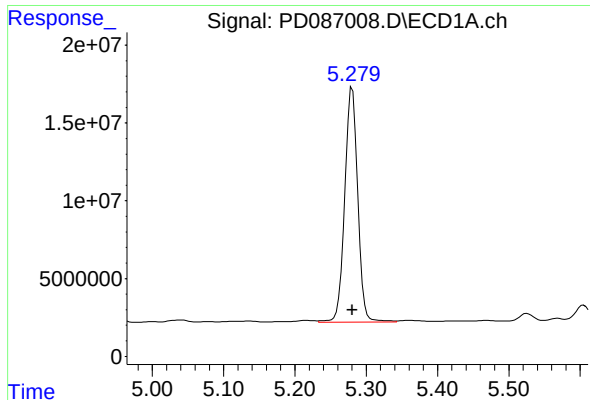
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 195842414
Conc: 49.88 ng/ml



#4 Heptachlor

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 796970766
Conc: 49.03 ng/ml



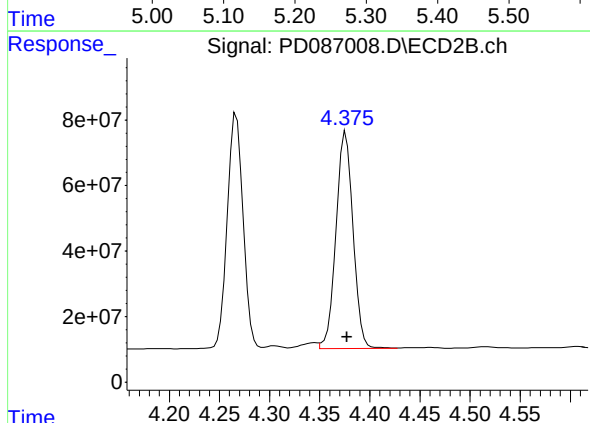
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 191746001
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

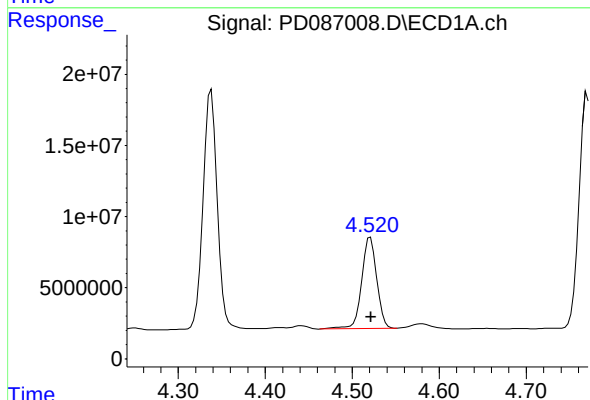
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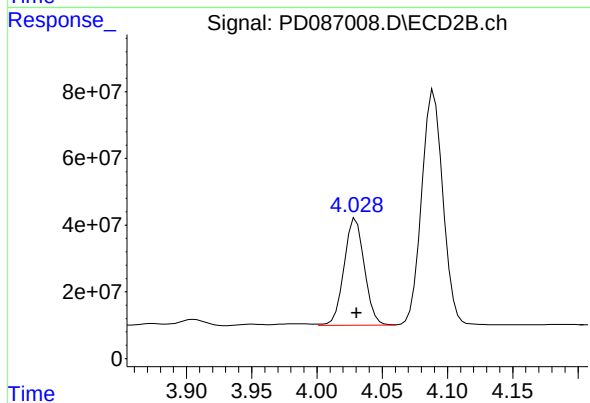
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 780381397
Conc: 46.68 ng/ml



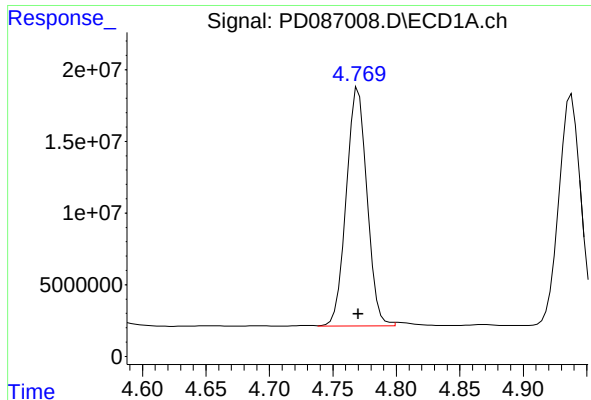
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 76983670
Conc: 48.81 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 346938145
Conc: 48.44 ng/ml



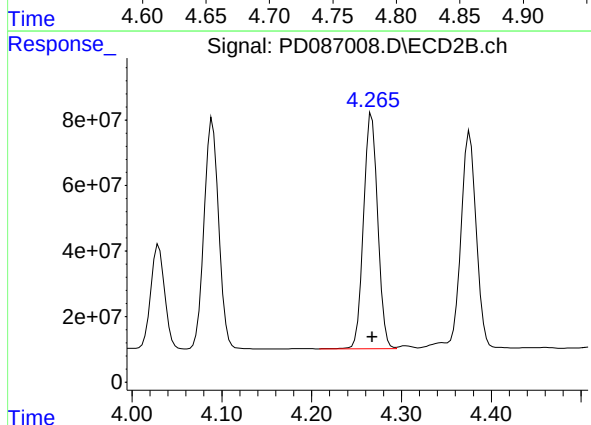
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 188631502
Conc: 46.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

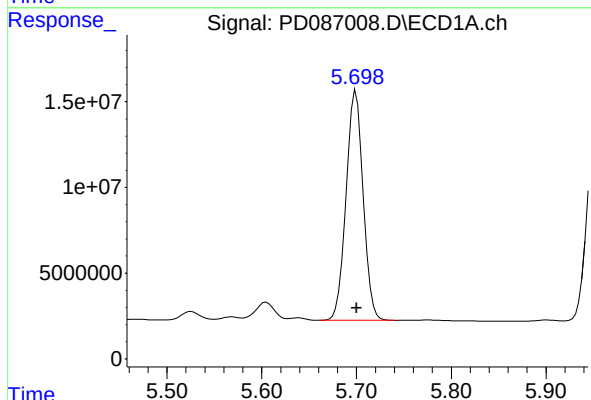
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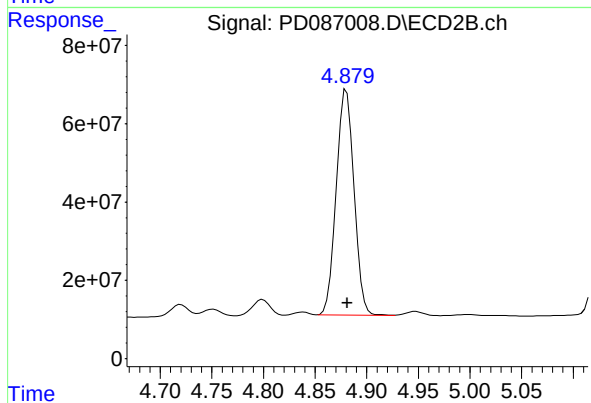
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 788299455
Conc: 46.36 ng/ml



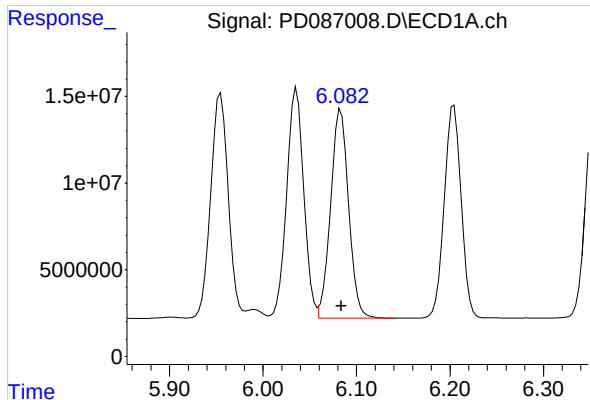
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 167774894
Conc: 46.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 691101136
Conc: 45.52 ng/ml



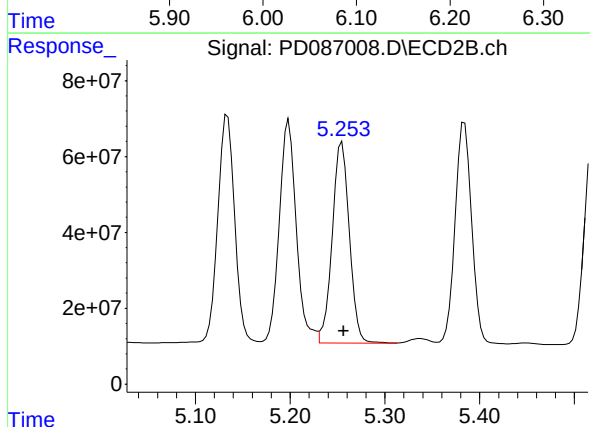
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 160935151
Conc: 47.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

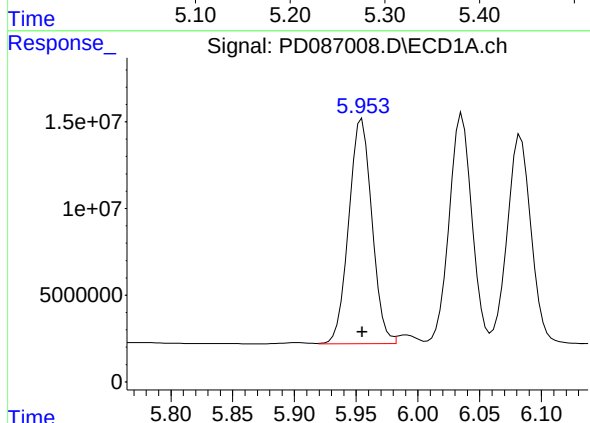
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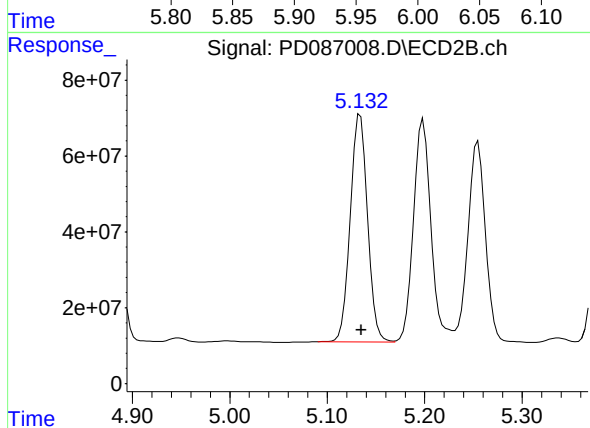
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 667604347
Conc: 47.03 ng/ml



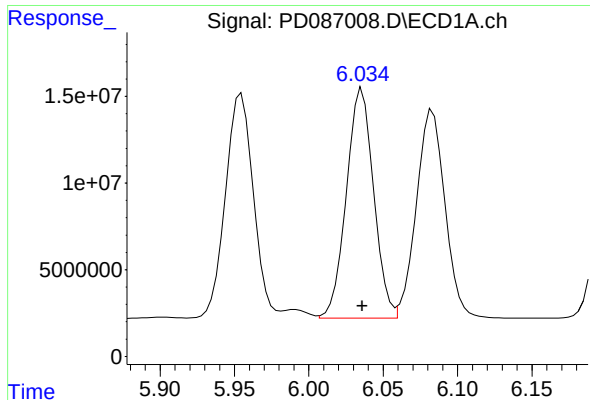
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 169624975
Conc: 48.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 741071566
Conc: 47.64 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 169057115
Conc: 47.32 ng/ml

Instrument :

ECD_D

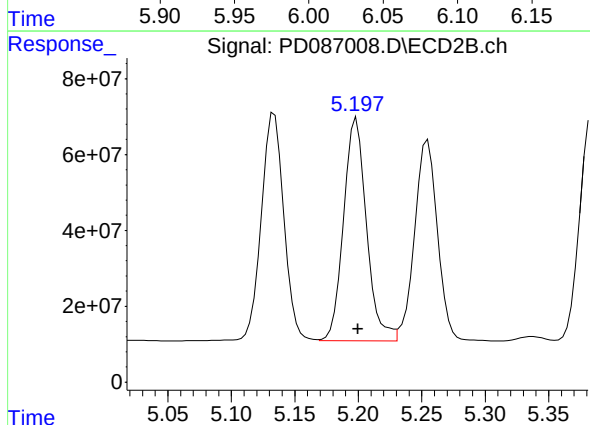
ClientSampleId :

OR-640-COMP-63MSD

Manual Integrations

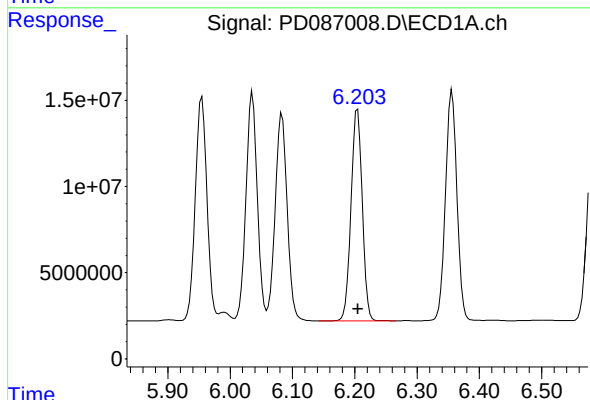
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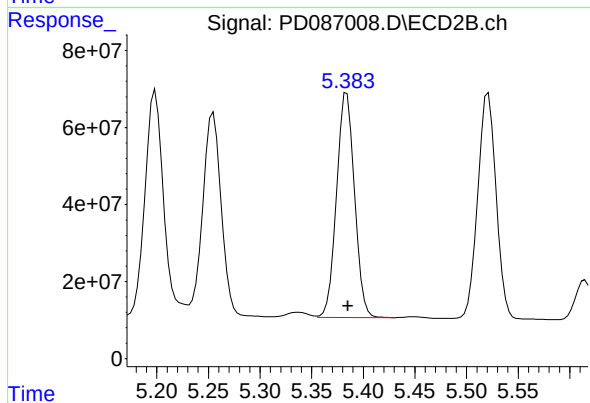
#11 alpha-Chlordane

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 738799844
Conc: 48.34 ng/ml



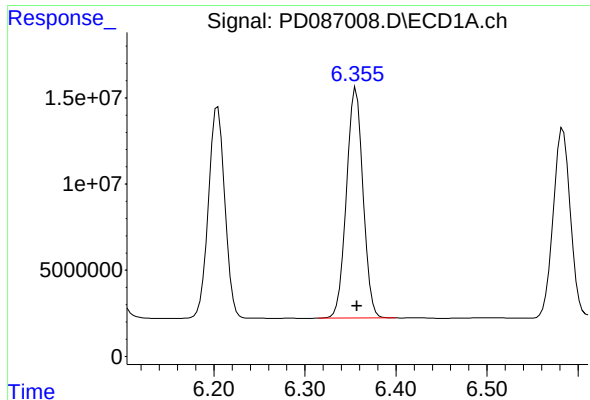
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 154466306
Conc: 47.47 ng/ml



#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 705654433
Conc: 46.81 ng/ml



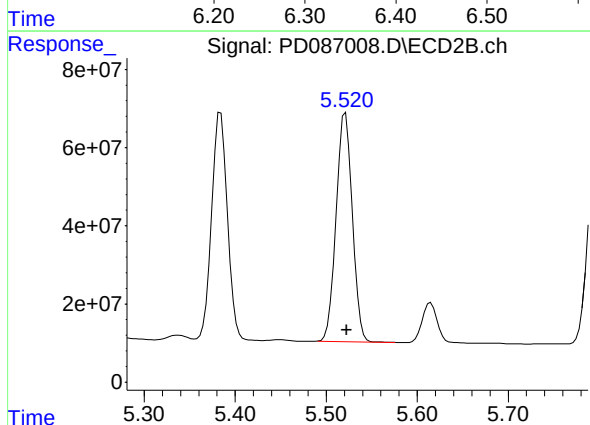
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 169756442
Conc: 46.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

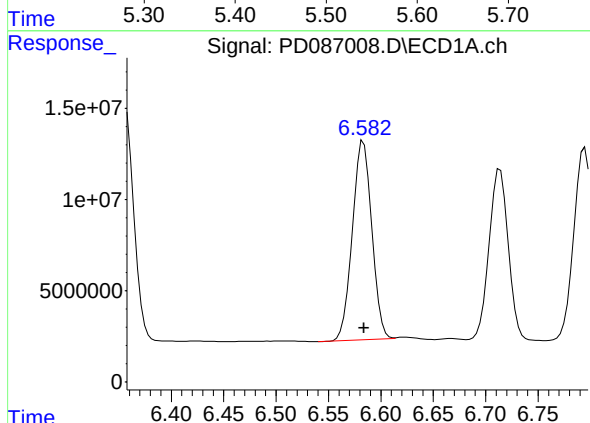
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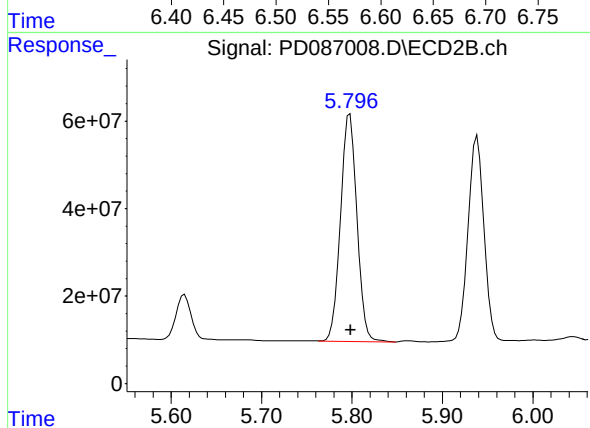
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 722763395
Conc: 46.41 ng/ml



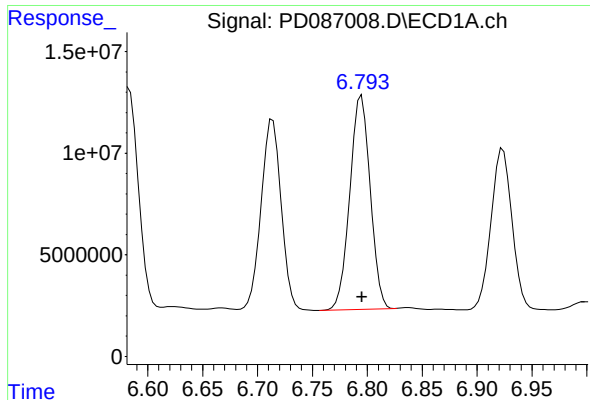
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 141200434
Conc: 46.66 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 658634252
Conc: 47.08 ng/ml



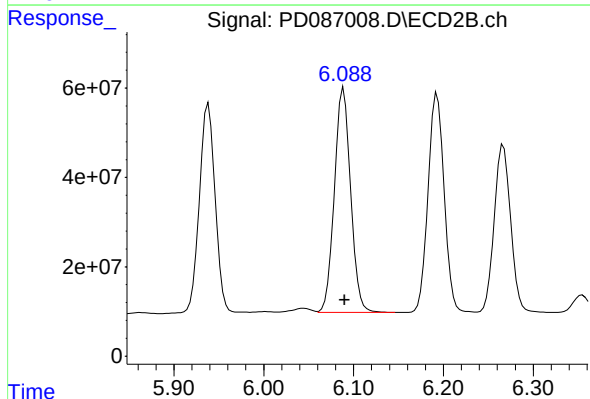
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 136062519
Conc: 45.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
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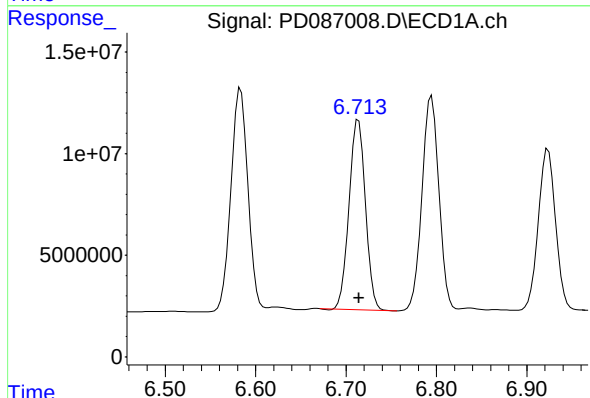
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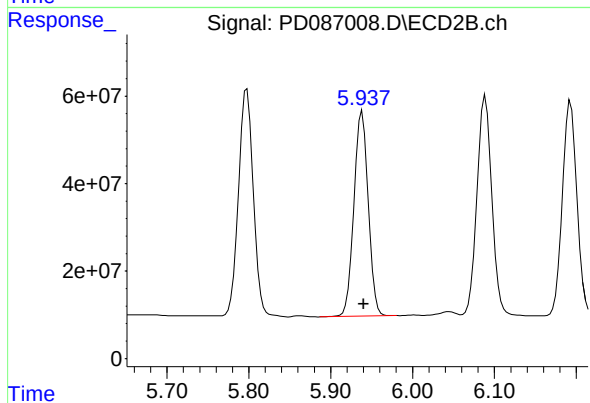
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 631426229
Conc: 45.88 ng/ml



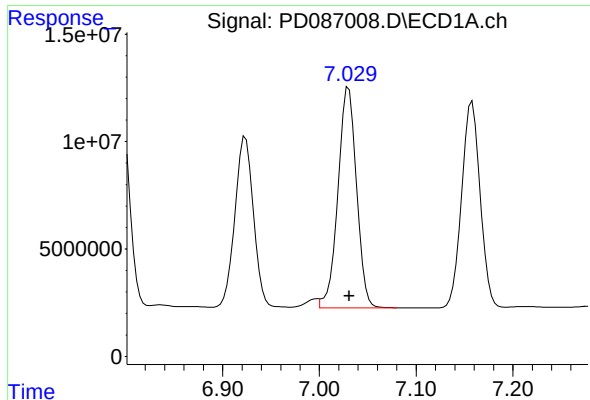
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 117948782
Conc: 45.37 ng/ml



#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 571615927
Conc: 45.48 ng/ml



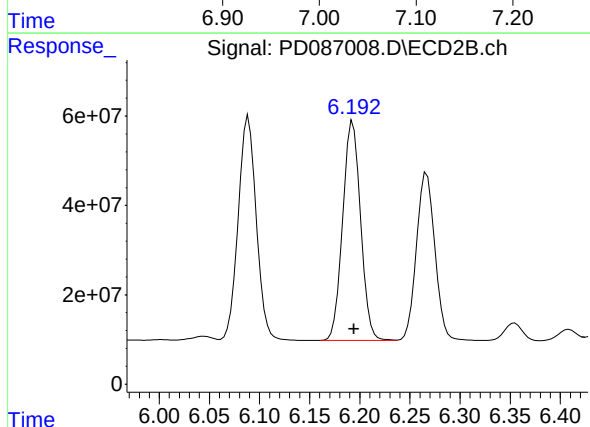
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 136885515
Conc: 48.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

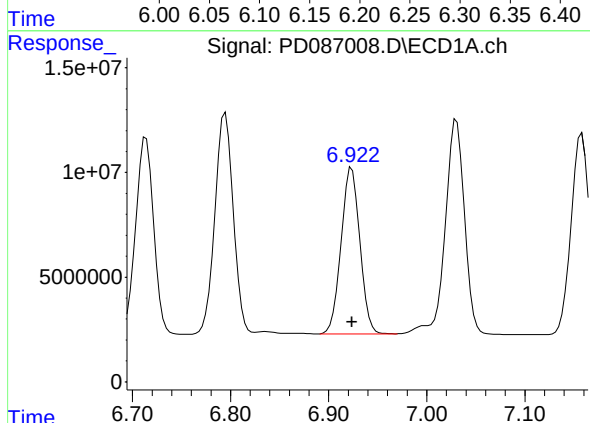
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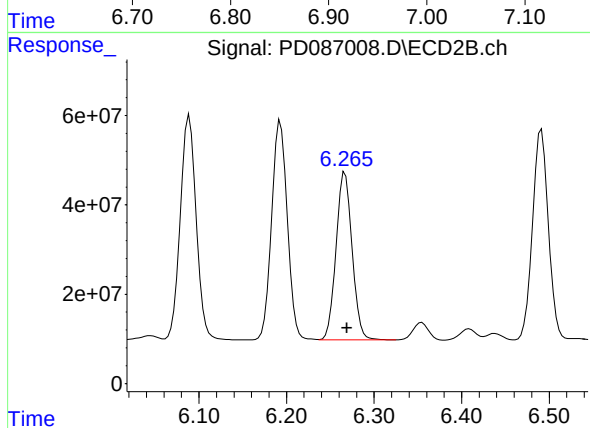
#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 609855556
Conc: 45.74 ng/ml



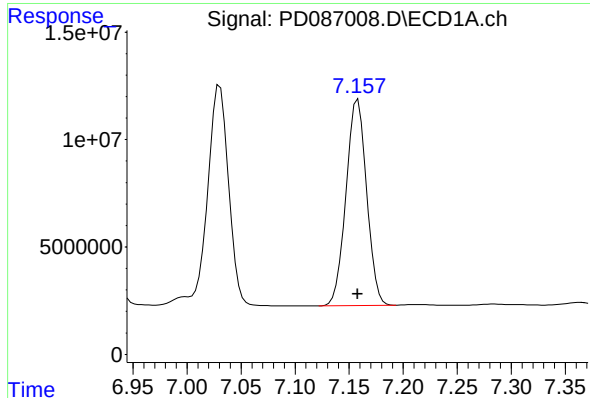
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 105851087
Conc: 43.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 479523157
Conc: 43.22 ng/ml



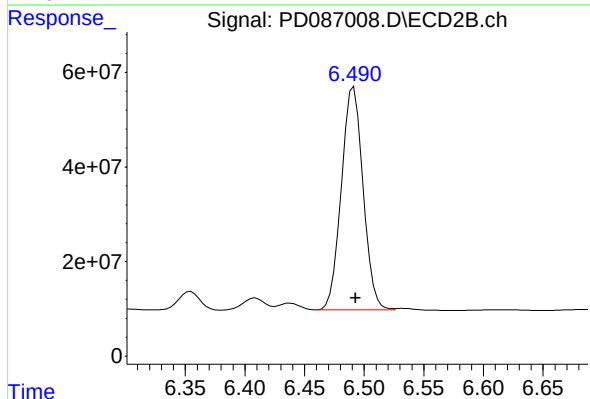
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 127377921
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

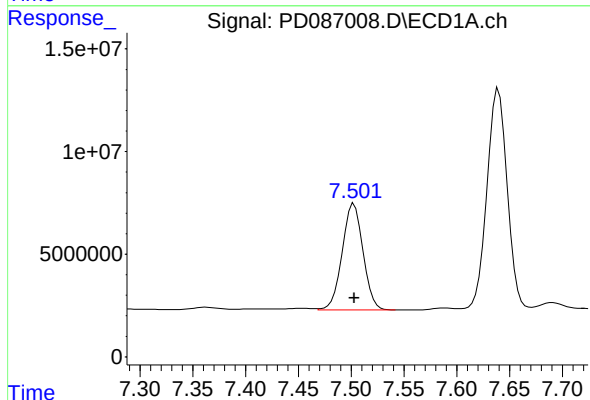
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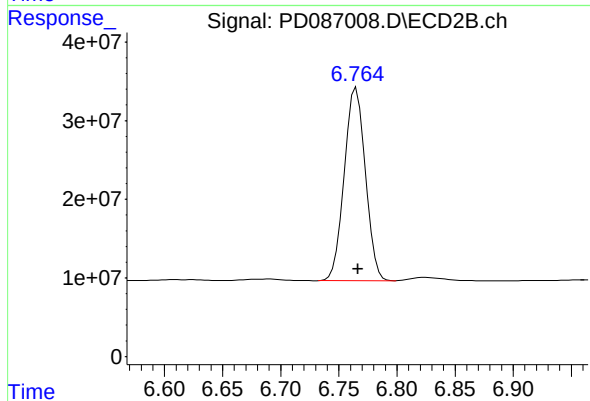
#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: -0.001 min
Response: 597271685
Conc: 44.14 ng/ml



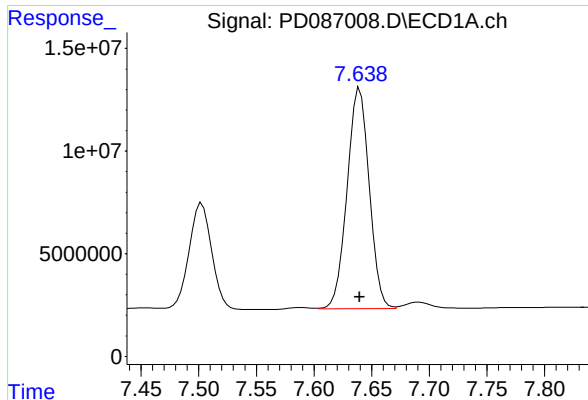
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 70882690
Conc: 44.32 ng/ml



#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 310091657
Conc: 43.23 ng/ml



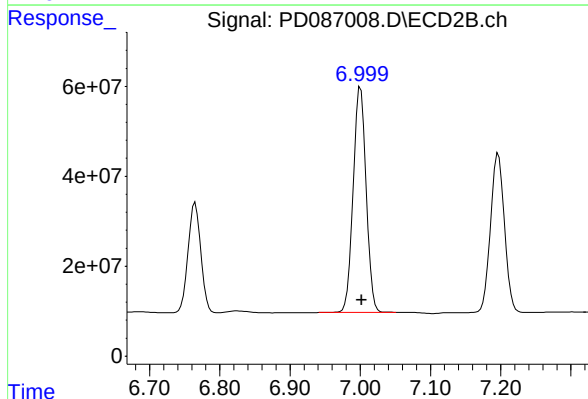
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 143134196
Conc: 44.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

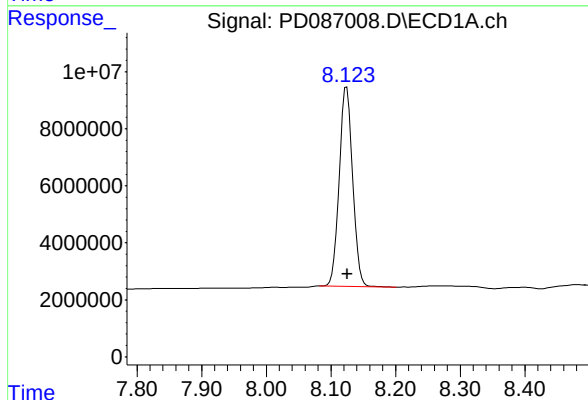
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2024
Supervised By :Ankita Jodhani 12/04/2024



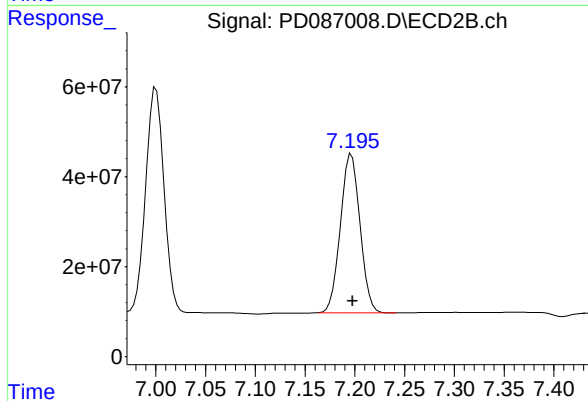
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.001 min
Response: 645793777
Conc: 42.85 ng/ml



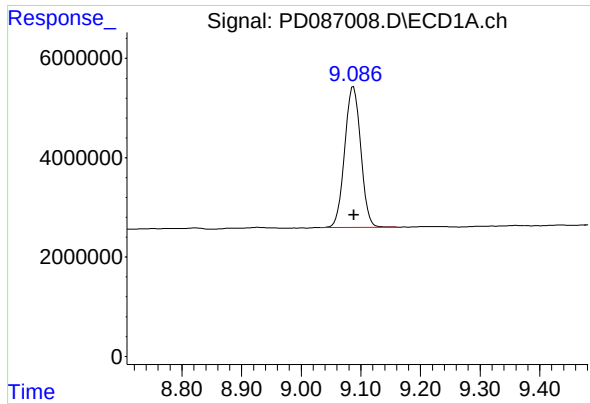
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 100547613
Conc: 40.30 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 485518074
Conc: 39.37 ng/ml



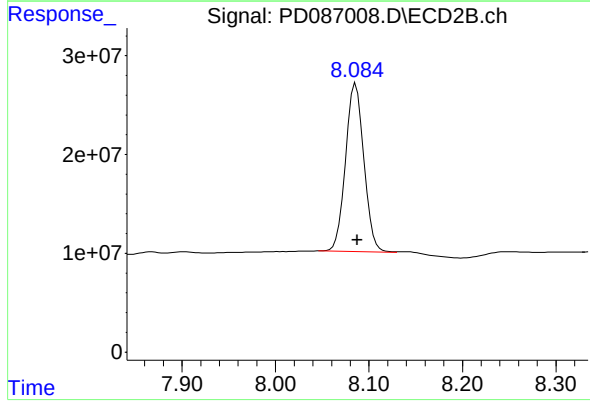
#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: -0.001 min
Response: 53055819
Conc: 16.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MSD

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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 231815674
Conc: 16.64 ng/ml