

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
 Data File : PD087007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2024 14:28
 Operator : AR\AJ
 Sample : P5052-19MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

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 21:39:49 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...	3.555	2.883	38539368	225.7E6	19.272m	19.718m
28) SA Decachlor...	9.087	8.086	52576405	229.2E6	16.528	16.451
Target Compounds						
2) A alpha-BHC	4.006	3.398	194.1E6	854.8E6	48.244	48.509
3) MA gamma-BHC...	4.337	3.735	190.4E6	810.7E6	47.726	48.270
4) MA Heptachlor	4.937	4.089	195.9E6	797.1E6	49.889	49.038
5) MB Aldrin	5.280	4.376	192.1E6	781.0E6	47.120	46.717
6) B beta-BHC	4.521	4.029	76994280	347.2E6	48.817	48.478
7) B delta-BHC	4.769	4.267	192.3E6	788.2E6	47.170	46.359
8) B Heptachlo...	5.700	4.880	167.6E6	691.9E6	46.379	45.568
9) A Endosulfan I	6.083	5.255	161.0E6	668.6E6	47.966	47.097
10) B gamma-Chl...	5.954	5.134	169.9E6	740.4E6	48.095	47.595
11) B alpha-Chl...	6.036	5.199	169.0E6	737.1E6	47.309	48.235
12) B 4,4'-DDE	6.204	5.384	154.3E6	704.5E6	47.419	46.733
13) MA Dieldrin	6.356	5.521	169.5E6	719.7E6	46.929	46.217
14) MA Endrin	6.583	5.798	140.8E6	652.7E6	46.517	46.660
15) B Endosulfa...	6.794	6.089	136.8E6	631.8E6	45.776	45.904
16) A 4,4'-DDD	6.712	5.938	119.4E6	568.5E6	45.941m	45.224m
17) MA 4,4'-DDT	7.029	6.194	136.1E6	610.6E6	48.188m	45.795
18) B Endrin al...	6.923	6.268	105.5E6	476.9E6	43.146	42.985
19) B Endosulfa...	7.157	6.492	127.1E6	596.0E6	43.686	44.054
20) A Methoxychlor	7.503	6.766	70025260	306.2E6	43.785	42.691
21) B Endrin ke...	7.639	7.001	144.2E6	641.6E6	44.438	42.571
22) Mirex	8.124	7.197	100.3E6	483.4E6	40.212	39.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120324\
Data File : PD087007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2024 14:28
Operator : AR\AJ
Sample : P5052-19MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

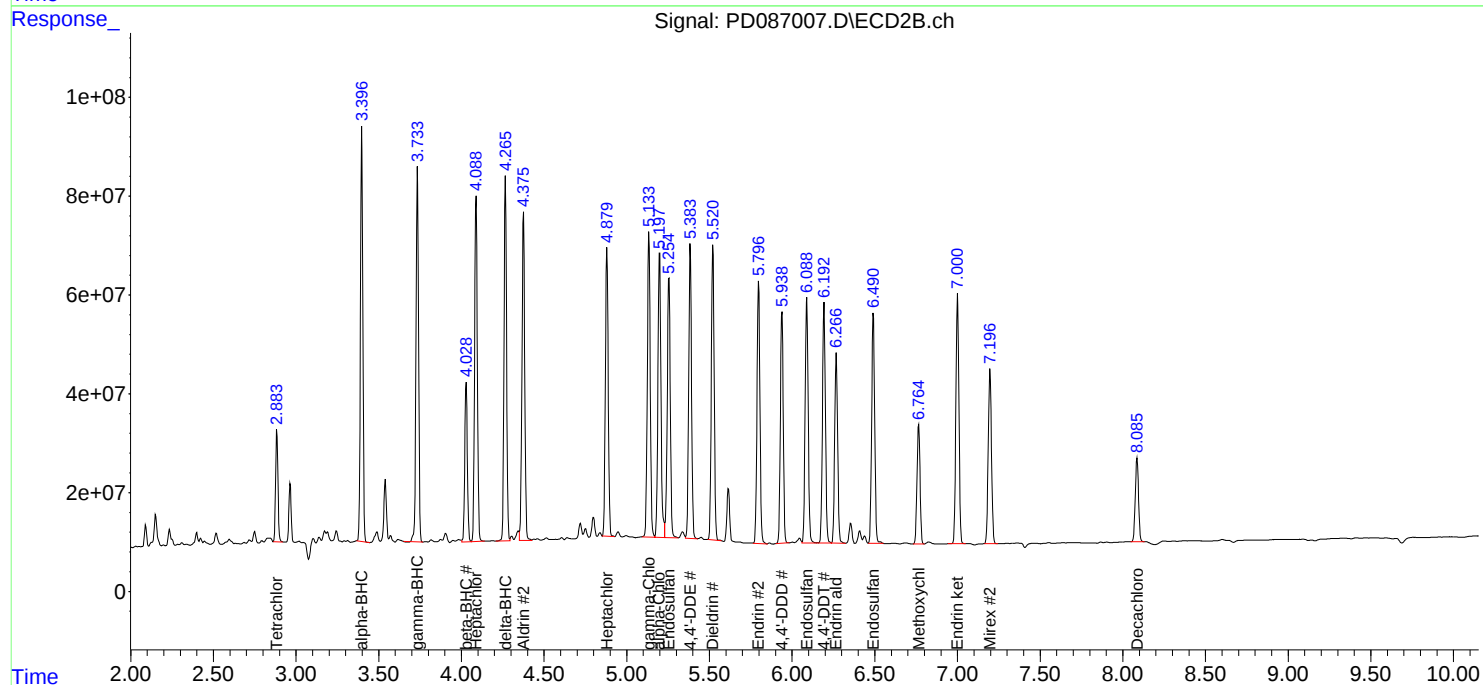
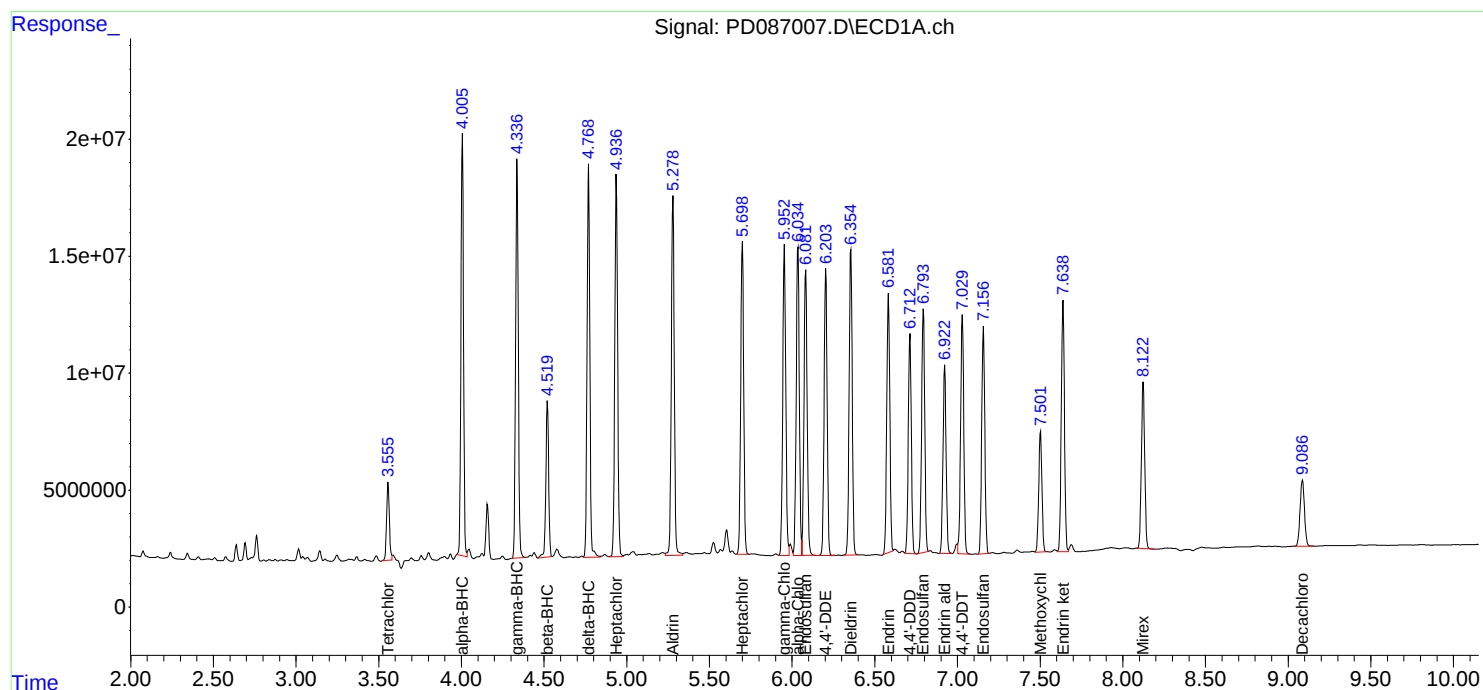
Instrument :
ECD_D
ClientSampleId :
OR-640-COMP-63MS

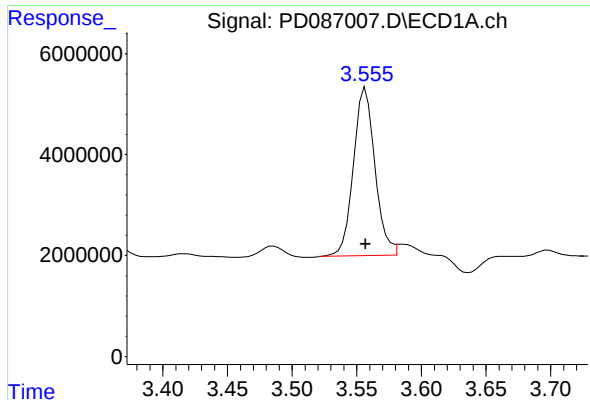
Manual Integrations
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Supervised By :Ankita Jodhani 12/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 21:39:49 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
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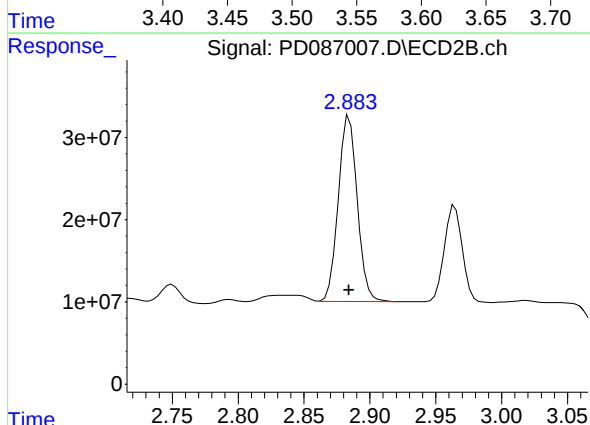
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: -0.002 min
Response: 38539368
Conc: 19.27 ng/ml

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

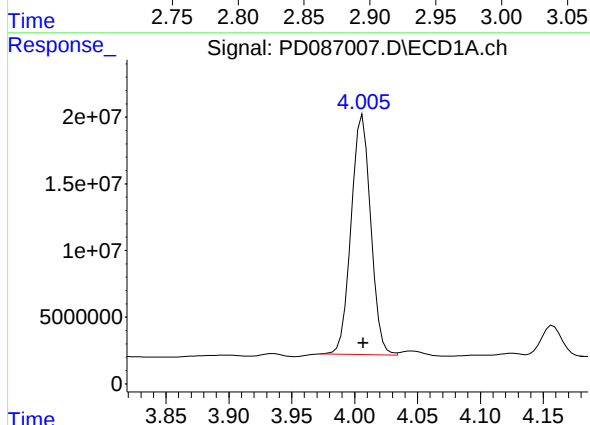
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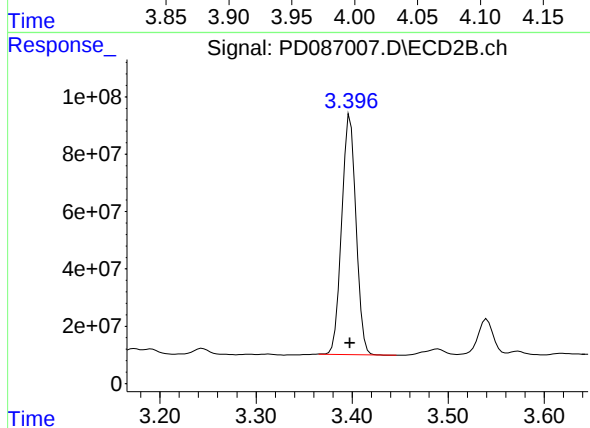
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 225697263
Conc: 19.72 ng/ml



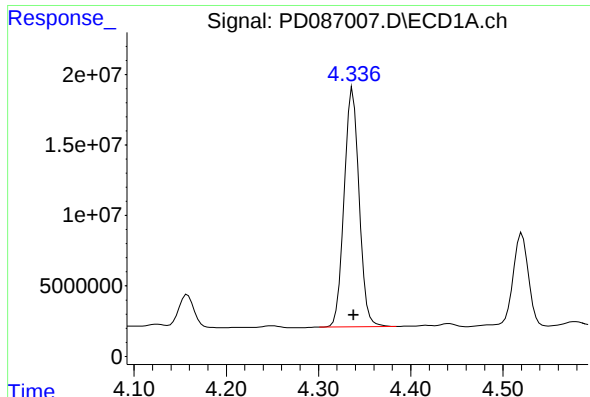
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 194136859
Conc: 48.24 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 854770567
Conc: 48.51 ng/ml



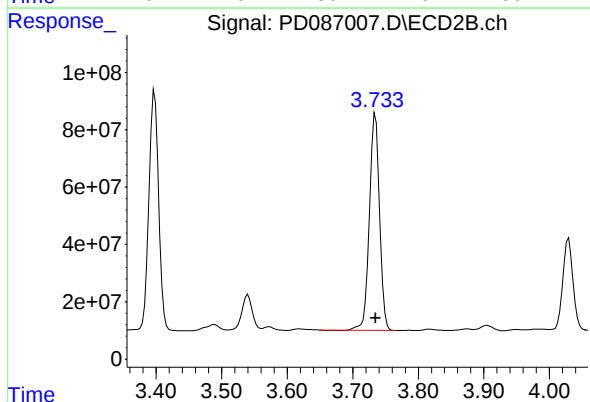
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 190353865
Conc: 47.73 ng/ml

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

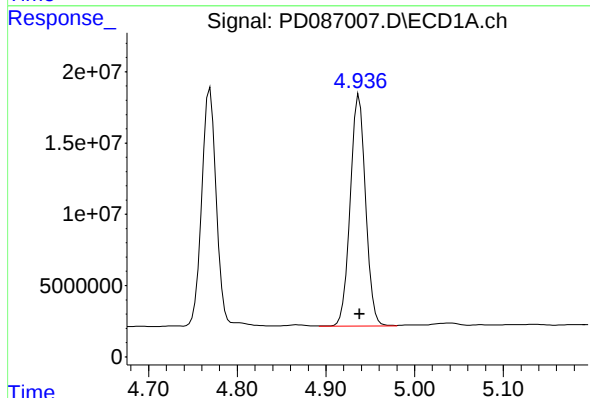
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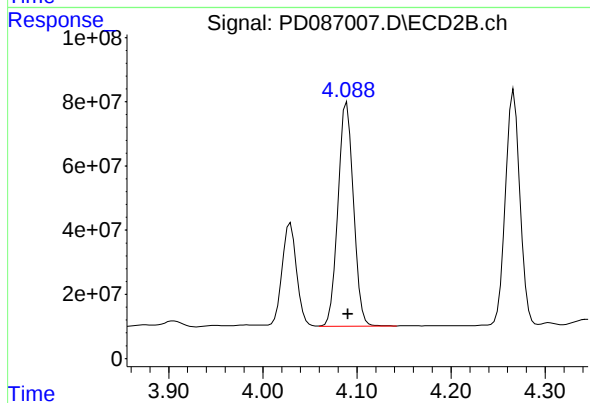
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 810693341
Conc: 48.27 ng/ml



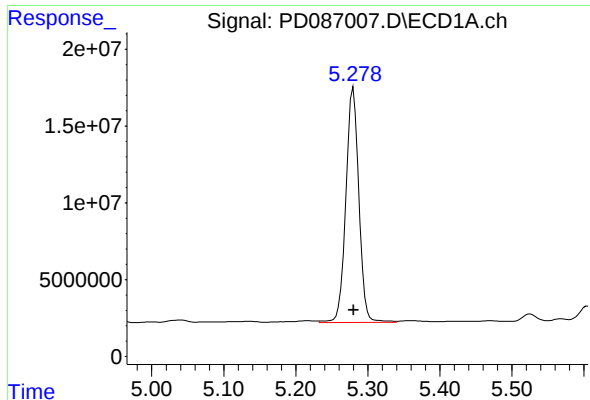
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 195876137
Conc: 49.89 ng/ml



#4 Heptachlor

R.T.: 4.089 min
Delta R.T.: -0.001 min
Response: 797143872
Conc: 49.04 ng/ml



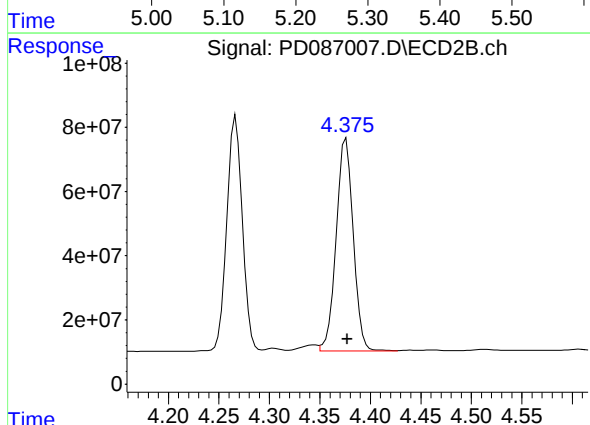
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 192055518
Conc: 47.12 ng/ml

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

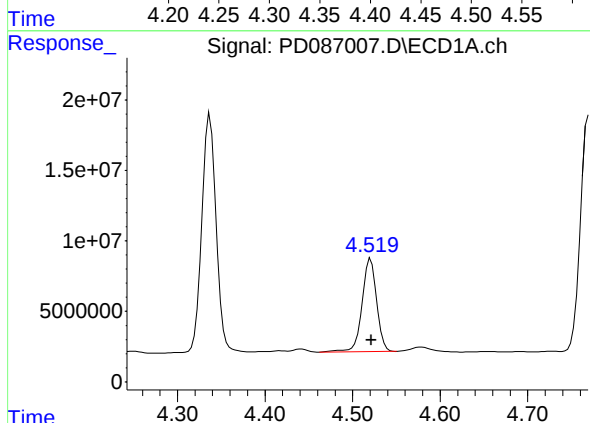
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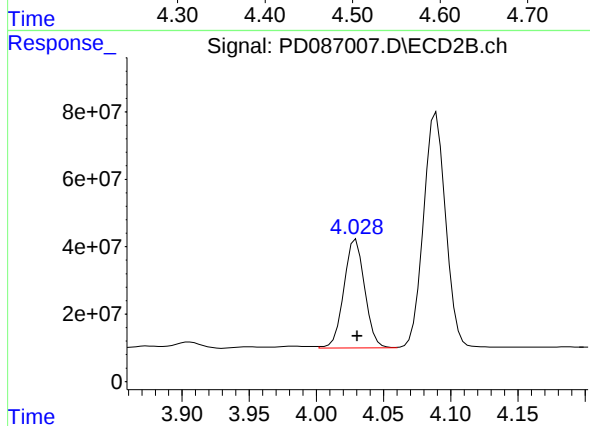
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 780981536
Conc: 46.72 ng/ml



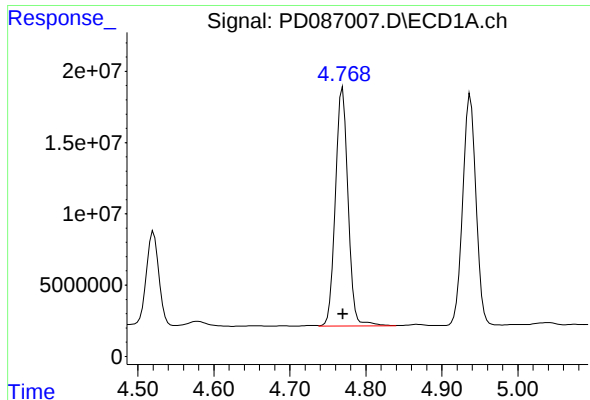
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 76994280
Conc: 48.82 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 347193640
Conc: 48.48 ng/ml



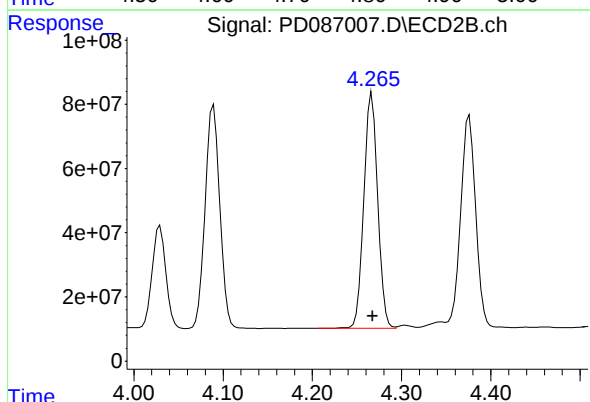
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 192269063
Conc: 47.17 ng/ml

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

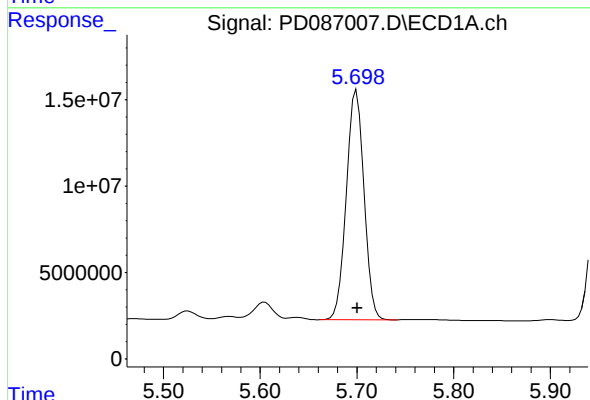
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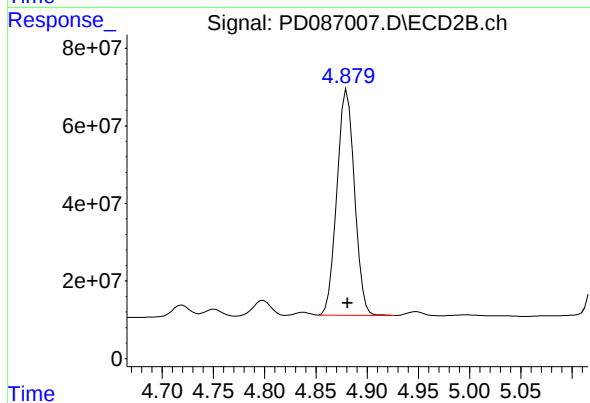
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 788202005
Conc: 46.36 ng/ml



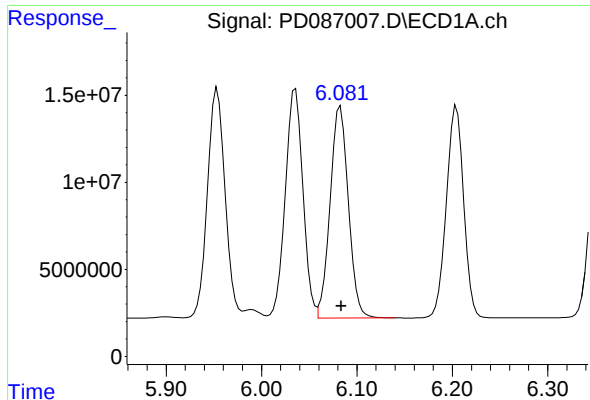
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 167592324
Conc: 46.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 691895321
Conc: 45.57 ng/ml



#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 160964505
Conc: 47.97 ng/ml

Instrument :

ECD_D

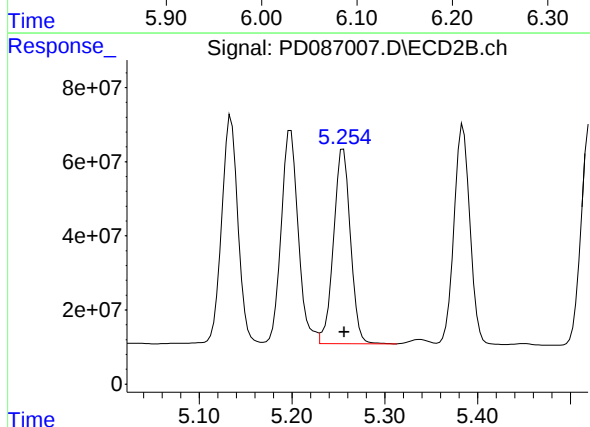
ClientSampleId :

OR-640-COMP-63MS

Manual Integrations

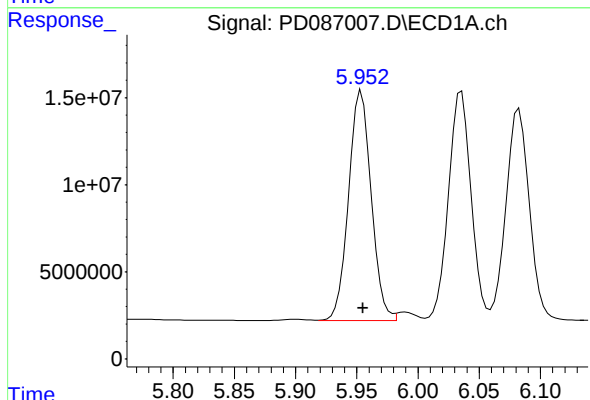
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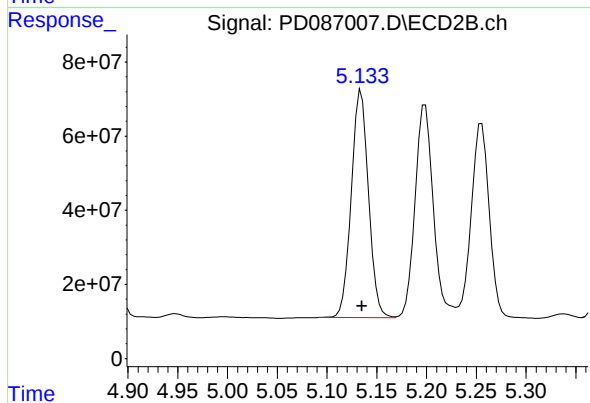
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 668610717
Conc: 47.10 ng/ml



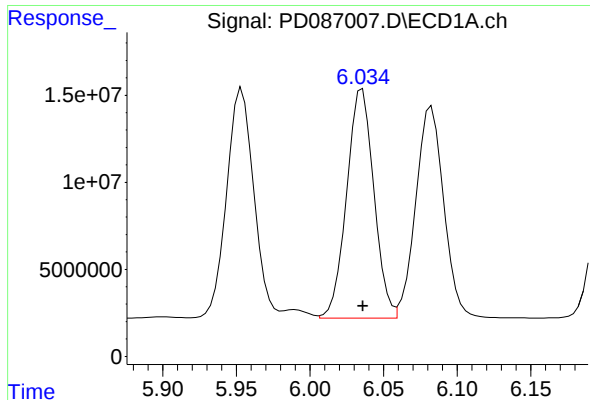
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: -0.001 min
Response: 169919494
Conc: 48.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 740366090
Conc: 47.59 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 169027315
Conc: 47.31 ng/ml

Instrument :

ECD_D

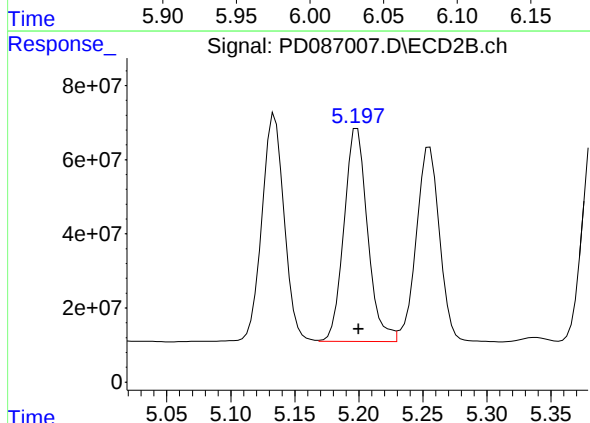
ClientSampleId :

OR-640-COMP-63MS

Manual Integrations

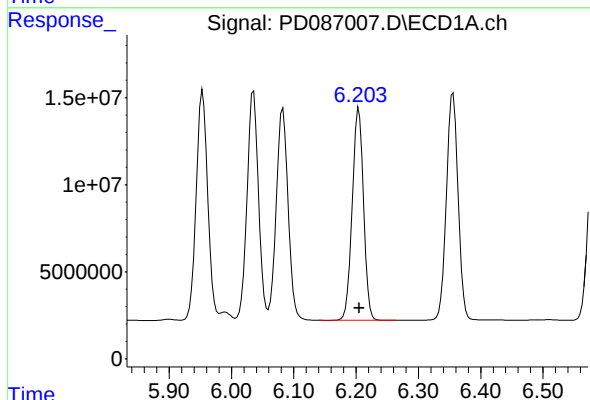
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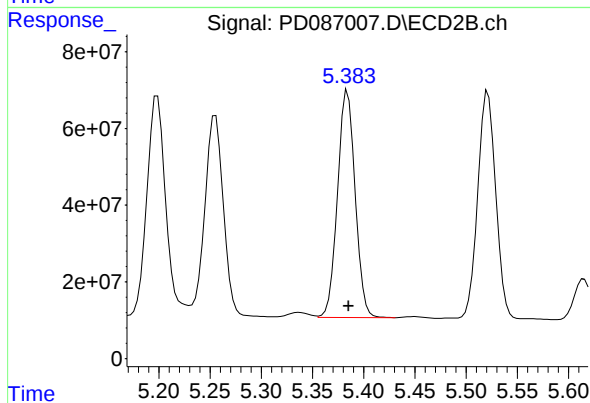
#11 alpha-Chlordane

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 737138603
Conc: 48.24 ng/ml



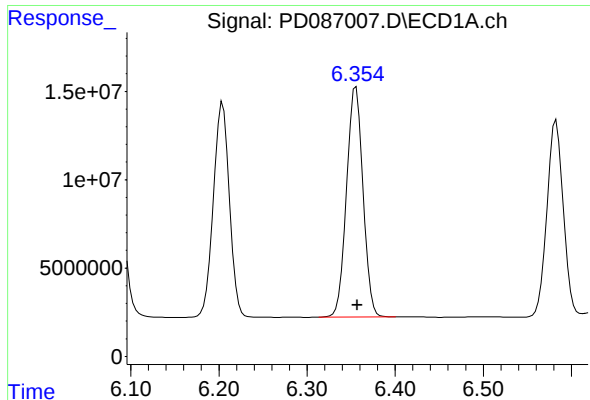
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 154284918
Conc: 47.42 ng/ml



#12 4,4'-DDE

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 704484195
Conc: 46.73 ng/ml



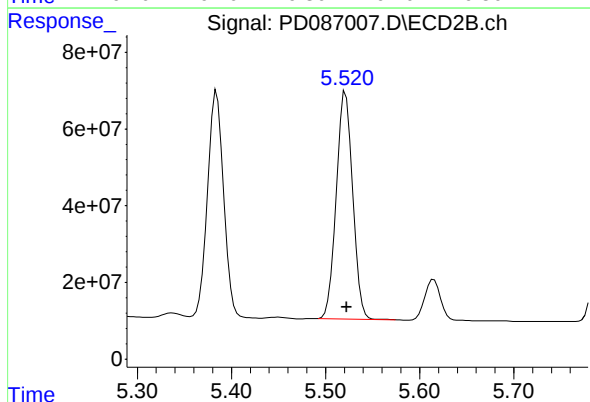
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 169539065
Conc: 46.93 ng/ml

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

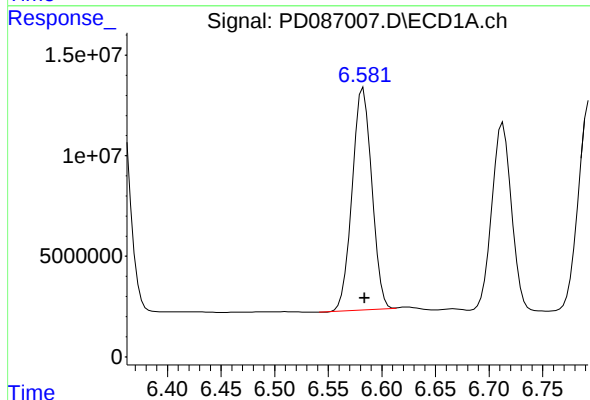
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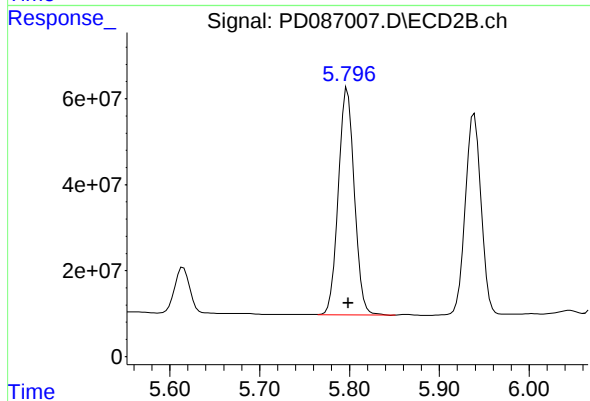
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 719679680
Conc: 46.22 ng/ml



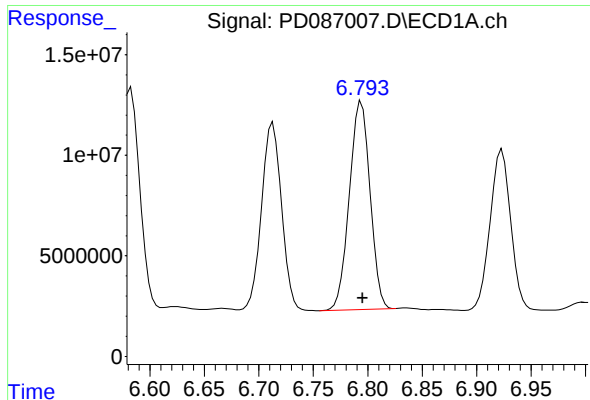
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 140757350
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 652707310
Conc: 46.66 ng/ml



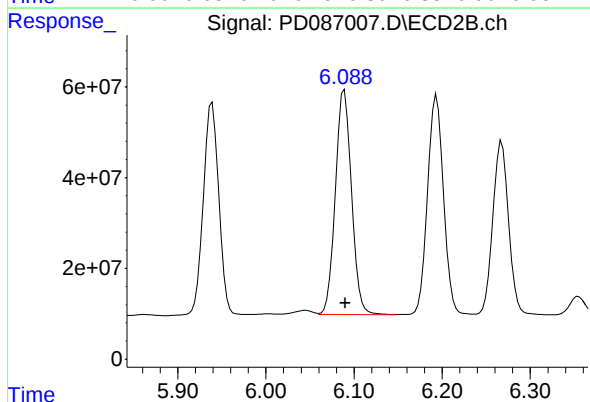
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 136824092
Conc: 45.78 ng/ml

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

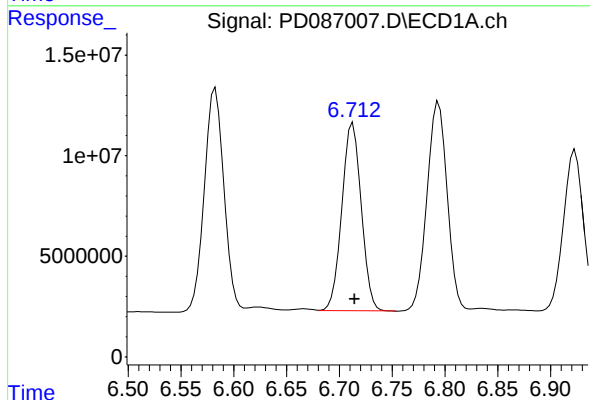
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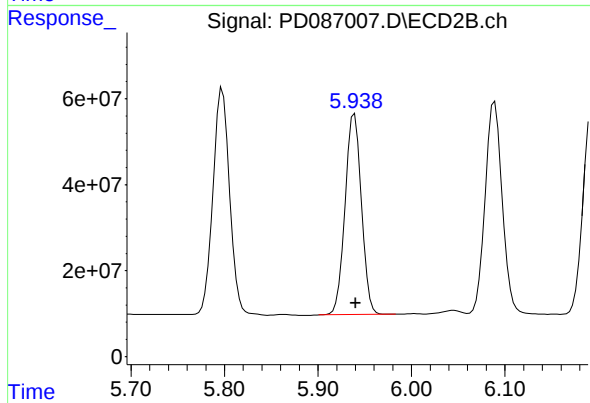
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: -0.001 min
Response: 631827081
Conc: 45.90 ng/ml



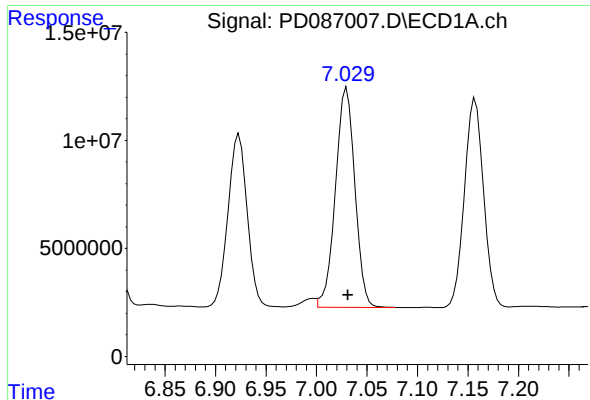
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 119427696
Conc: 45.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 568452249
Conc: 45.22 ng/ml m



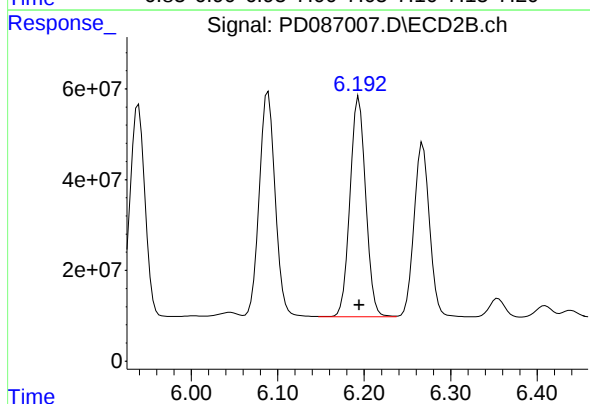
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 136124656
Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
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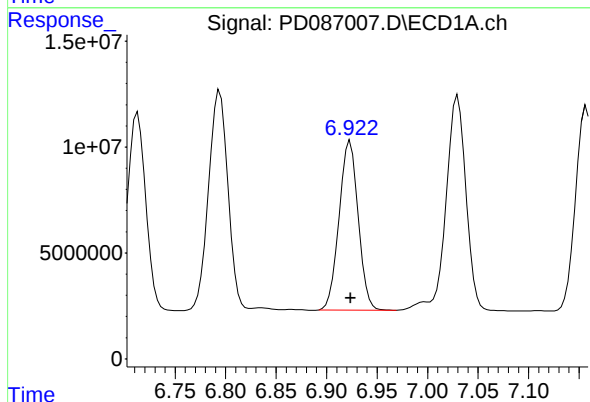
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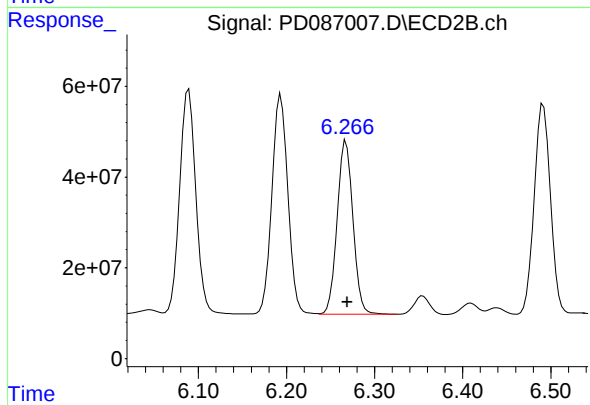
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 610628743
Conc: 45.80 ng/ml



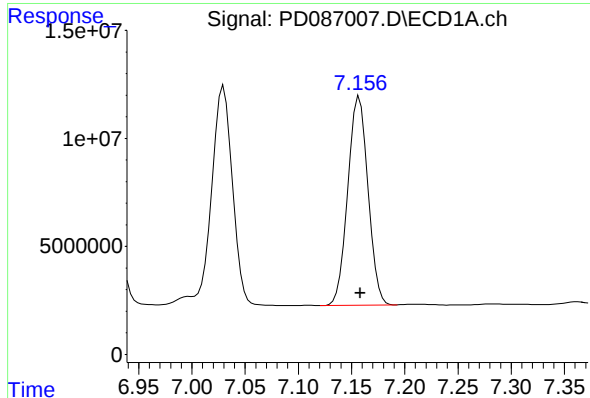
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 105478292
Conc: 43.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 476876391
Conc: 42.99 ng/ml



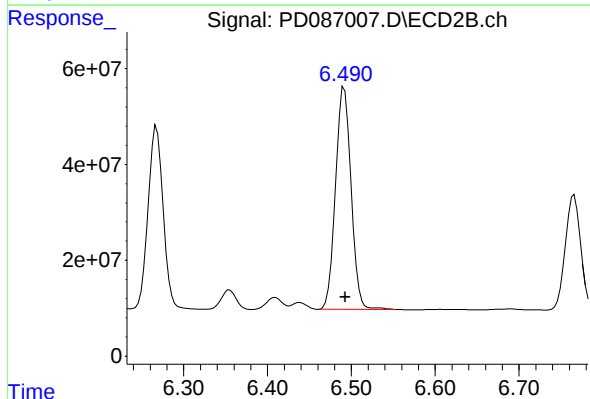
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 127131411
Conc: 43.69 ng/ml

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

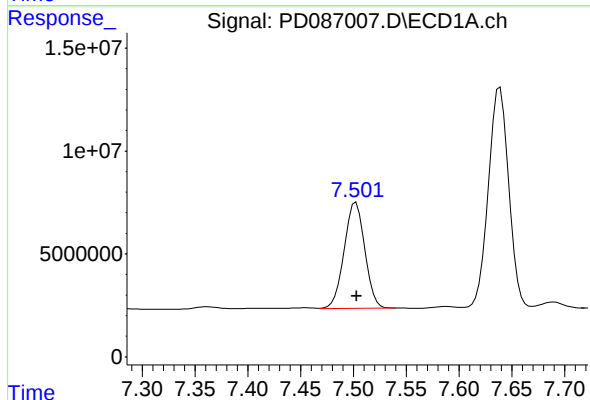
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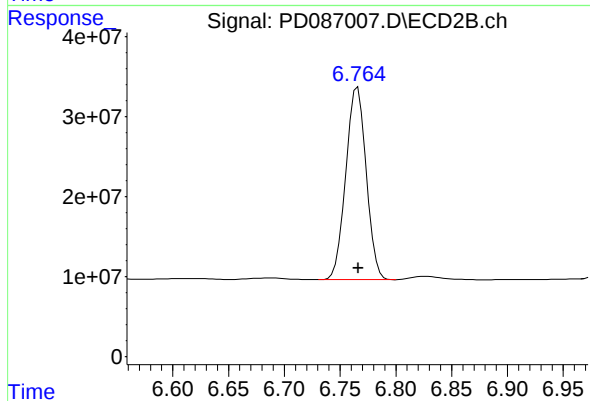
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 596035914
Conc: 44.05 ng/ml



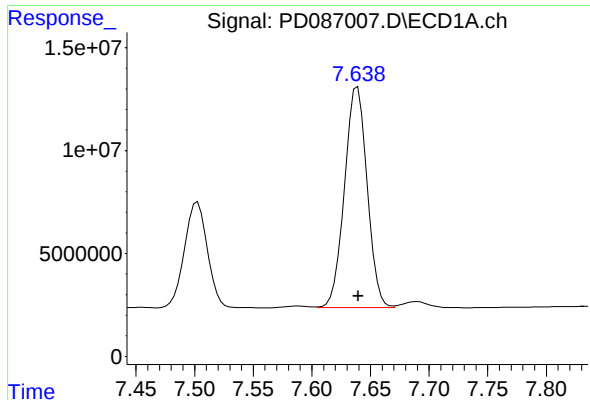
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 70025260
Conc: 43.79 ng/ml



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 306232710
Conc: 42.69 ng/ml



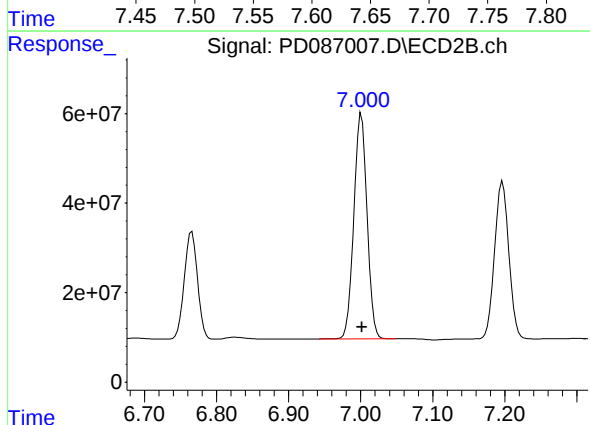
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 144211302
Conc: 44.44 ng/ml

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

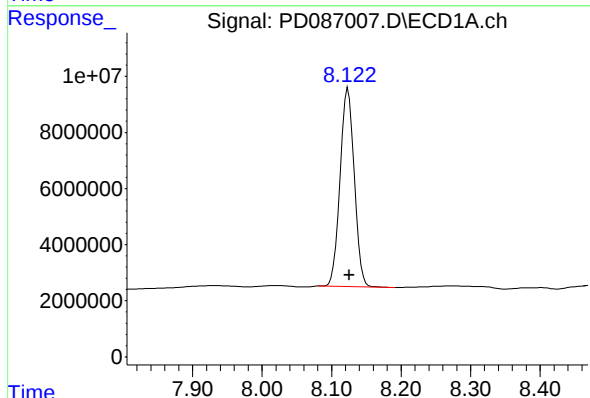
Manual Integrations
APPROVED

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



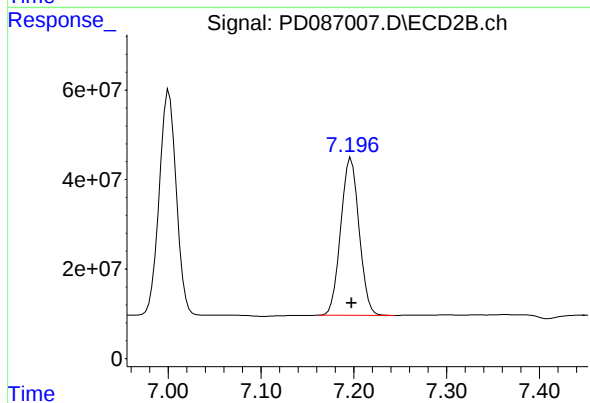
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 641608786
Conc: 42.57 ng/ml



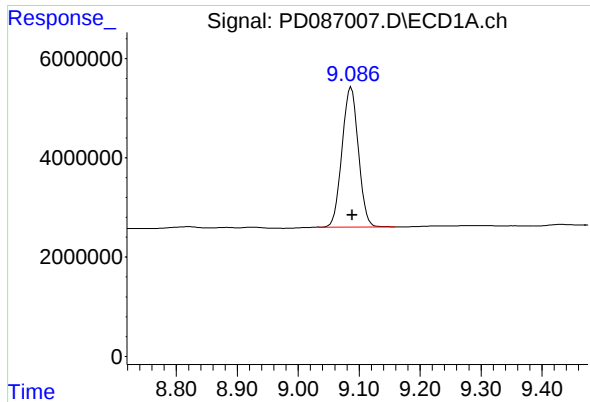
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.002 min
Response: 100330262
Conc: 40.21 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 483437229
Conc: 39.21 ng/ml



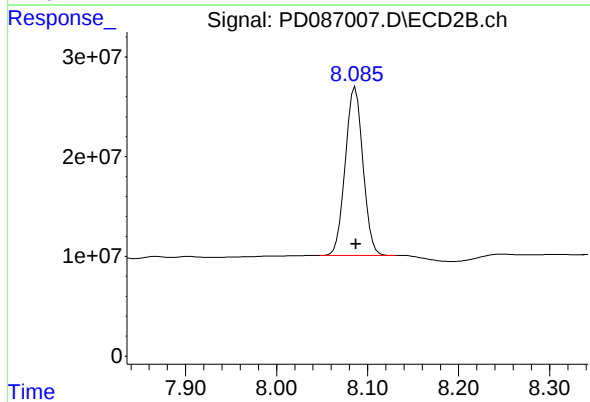
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 52576405
Conc: 16.53 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 229206702
Conc: 16.45 ng/ml