

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
 Data File : PD084236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 16:59
 Operator : AR\AJ
 Sample : P3460-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11929MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/06/2024
 Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:21:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.561	2.771	17862983	102.9E6	17.470	17.904
28) SA Decachlor...	9.114	7.894	29796882	94569112	13.052	14.726
Target Compounds						
2) A alpha-BHC	4.018	3.270	89696370	427.2E6	45.663	48.189
3) MA gamma-BHC...	4.351	3.598	88940217	404.3E6	46.022m	50.569
4) MA Heptachlor	4.944	3.936	91793577	397.3E6	46.146	48.905
5) MB Aldrin	5.286	4.213	91927940	400.5E6	45.172m	49.883m
6) B beta-BHC	4.550	3.895	36373629	173.0E6	45.856	49.172
7) B delta-BHC	4.799	4.124	88962787	411.8E6	48.931	49.495
8) B Heptachlo...	5.716	4.715	86923727	350.2E6	48.759	48.727
9) A Endosulfan I	6.103	5.085	86228932	320.1E6	44.596	46.412
10) B gamma-Chl...	5.973	4.963	121.4E6	475.4E6	60.721	62.705m
11) B alpha-Chl...	6.053	5.029	131.0E6	445.4E6	65.713	59.647
12) B 4,4'-DDE	6.224	5.216	87896017	368.7E6	44.091	51.756
13) MA Dieldrin	6.379	5.347	91502494	353.7E6	44.359	47.110m
14) MA Endrin	6.610	5.622	75277670	297.2E6	42.175	44.946m
15) B Endosulfa...	6.830	5.918	84718007	294.5E6	44.366	46.099
16) A 4,4'-DDD	6.742	5.770	72838918	270.0E6	48.081m	48.752
17) MA 4,4'-DDT	7.058	6.019	71974279	294.4E6	41.906	51.321m
18) B Endrin al...	6.960	6.097	60966975	219.0E6	41.505	43.631
19) B Endosulfa...	7.195	6.320	75882966	287.0E6	41.773	46.890
20) A Methoxychlor	7.534	6.595	36660021	116.3E6	37.206	39.424
21) B Endrin ke...	7.681	6.825	82315681	287.0E6	39.858m	42.386
22) Mirex	8.158	7.005	63933400	212.6E6	39.256	39.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080624\
Data File : PD084236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2024 16:59
Operator : AR\AJ
Sample : P3460-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

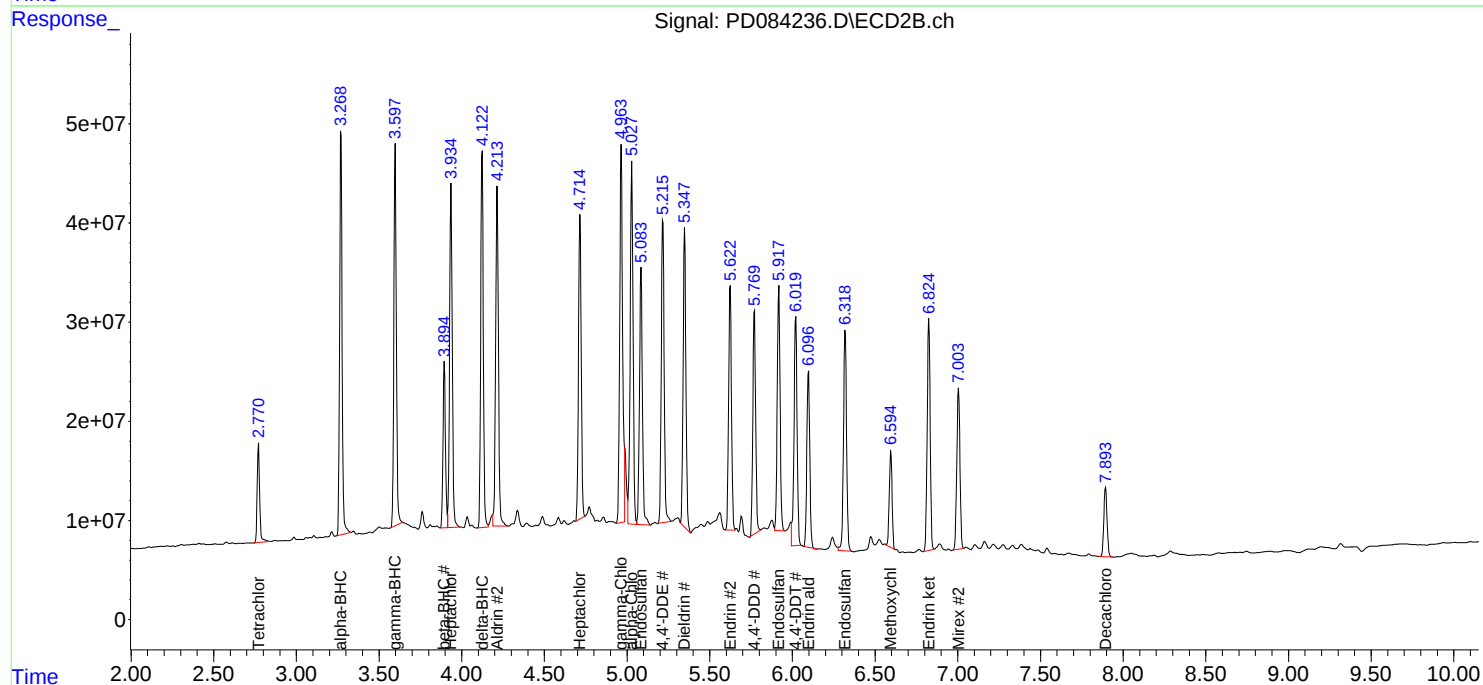
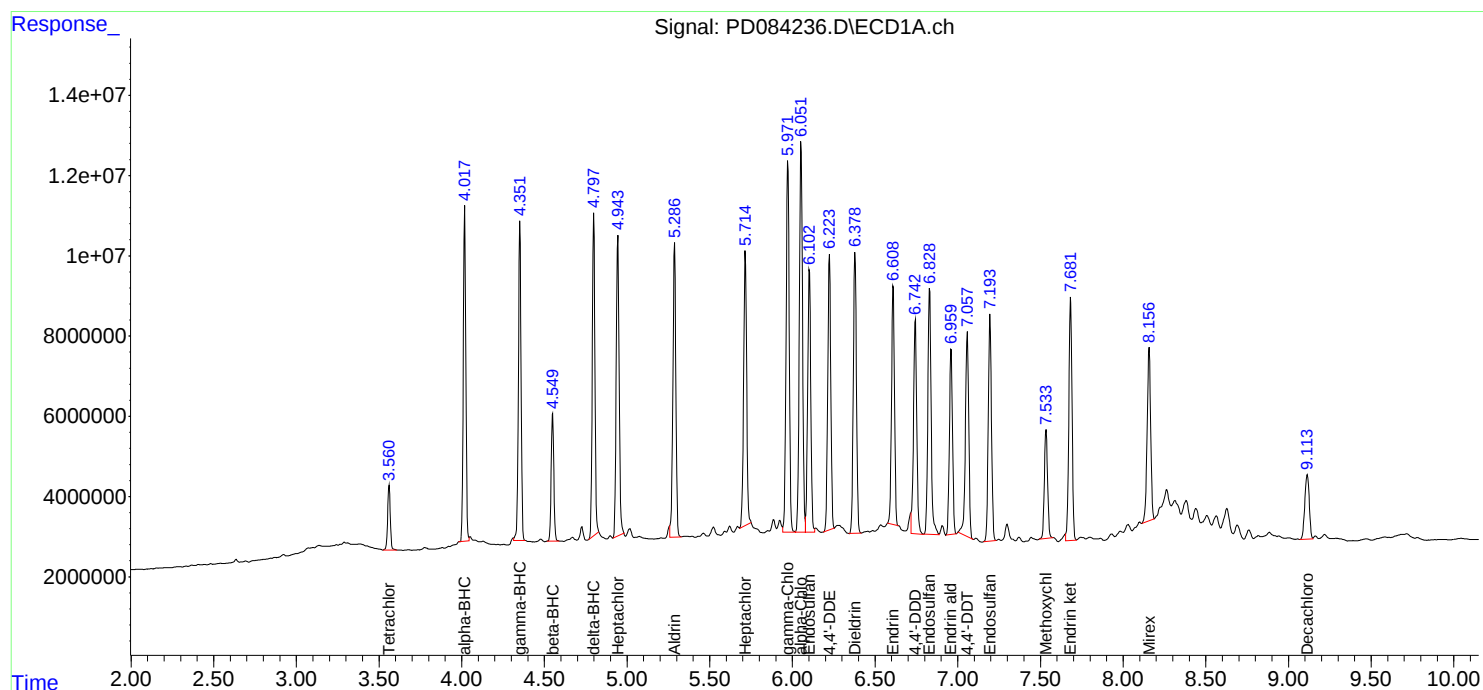
Instrument :
ECD_D
ClientSampleId :
72-11929MS

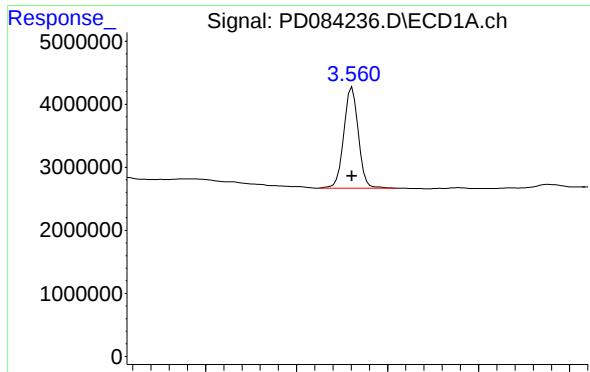
Manual Integrations
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Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:21:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





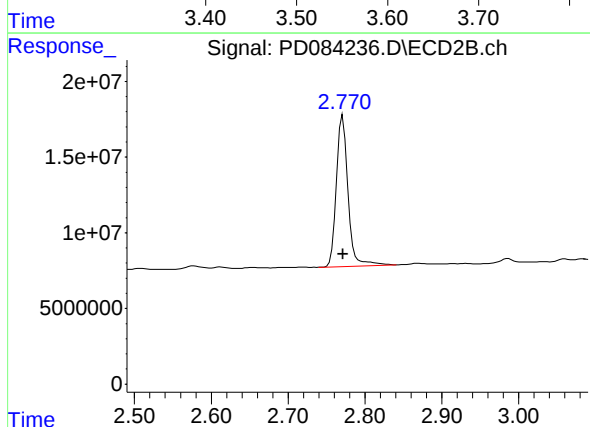
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 17862983
Conc: 17.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

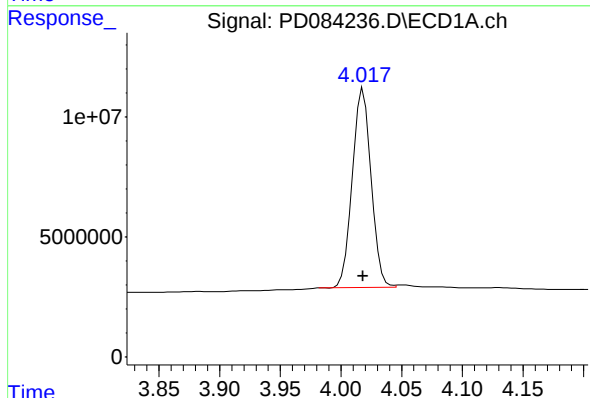
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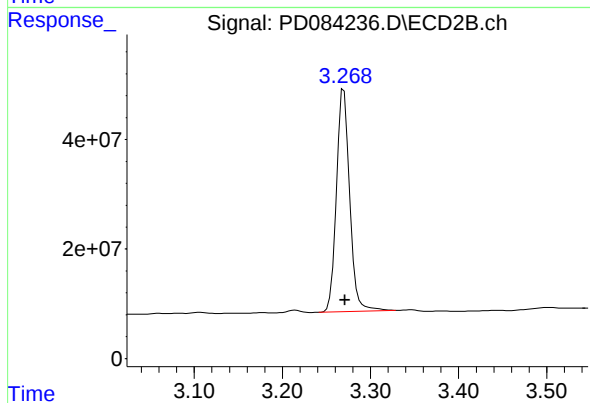
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 102942451
Conc: 17.90 ng/ml



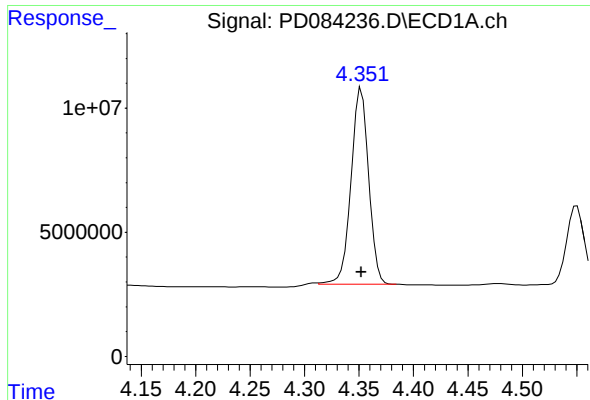
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 89696370
Conc: 45.66 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 427230787
Conc: 48.19 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.351 min
Delta R.T.: -0.001 min
Response: 88940217
Conc: 46.02 ng/ml

Instrument :

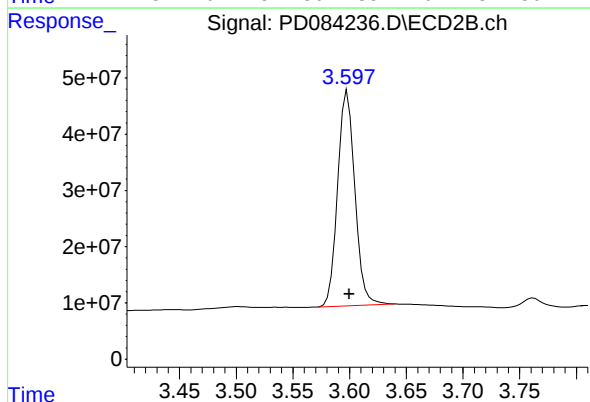
ECD_D

ClientSampleId :

72-11929MS

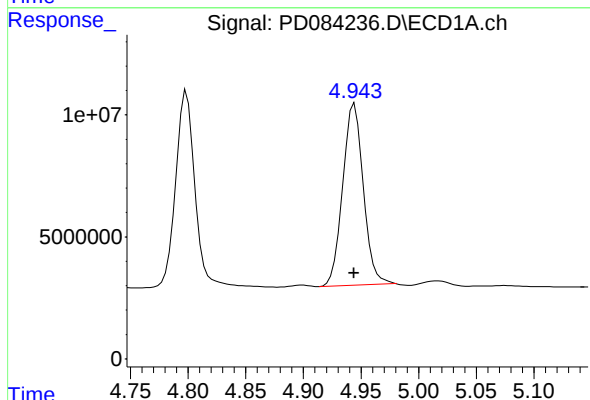
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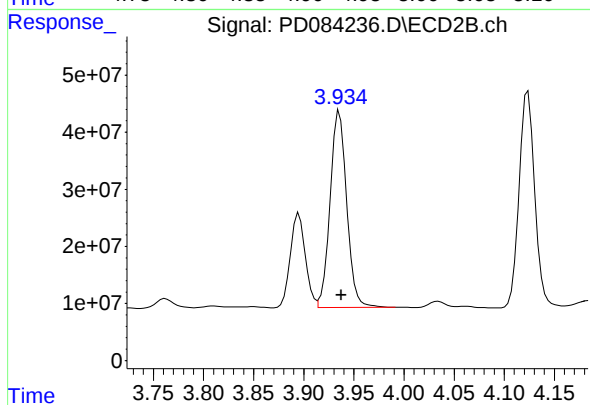
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 404335227
Conc: 50.57 ng/ml



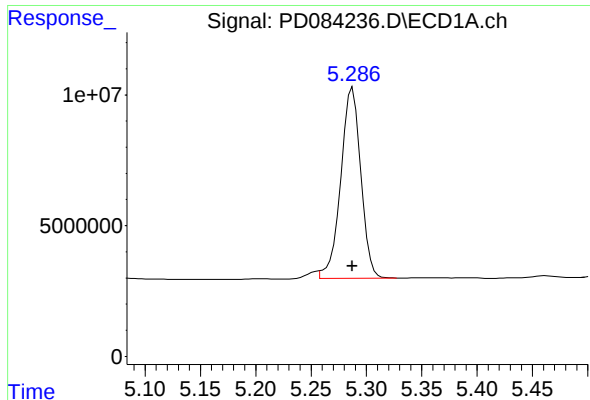
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 91793577
Conc: 46.15 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 397268815
Conc: 48.90 ng/ml



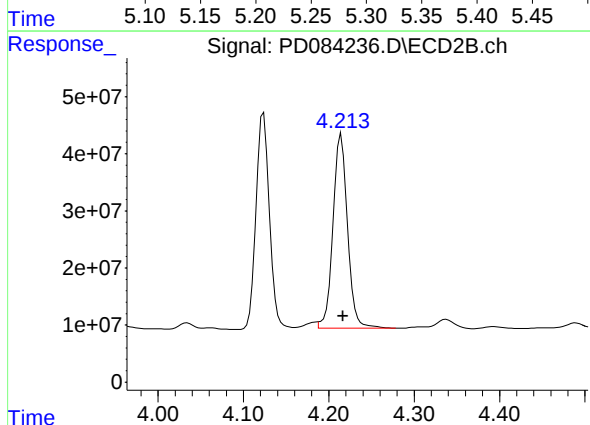
#5 Aldrin

R.T.: 5.286 min
Delta R.T.: -0.001 min
Response: 91927940
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

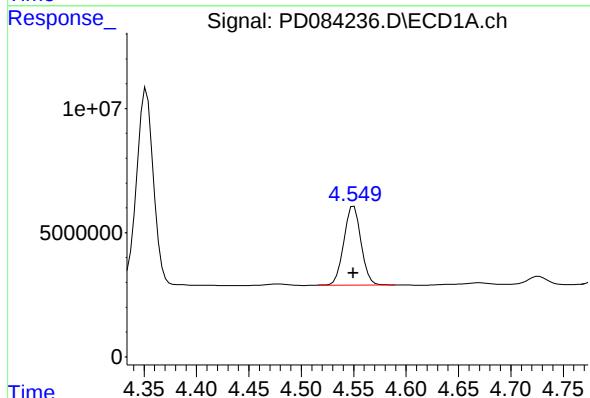
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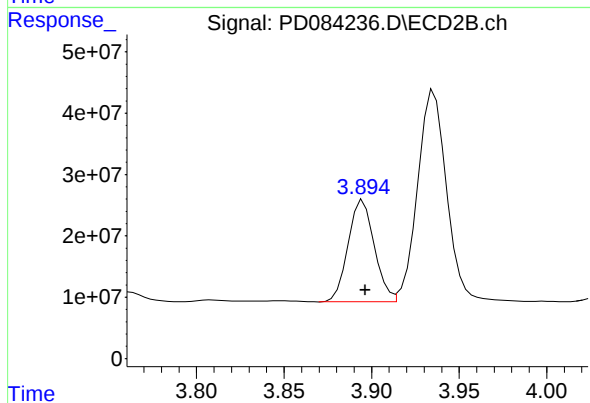
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: -0.003 min
Response: 400516924
Conc: 49.88 ng/ml



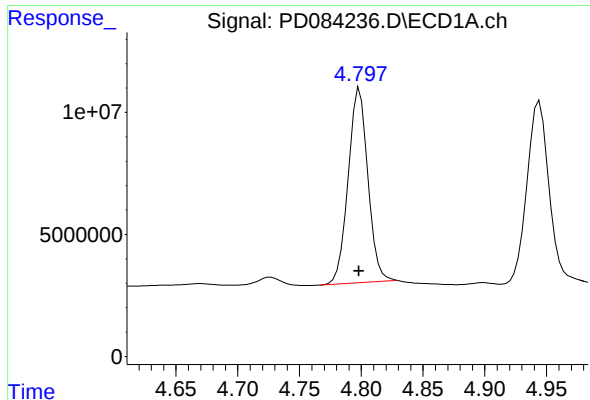
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 36373629
Conc: 45.86 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 173013099
Conc: 49.17 ng/ml



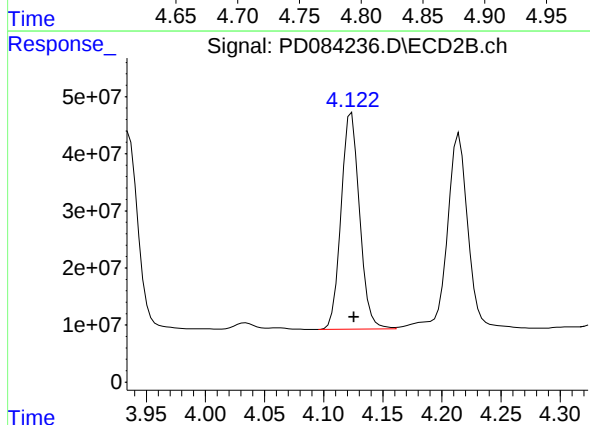
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 88962787
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

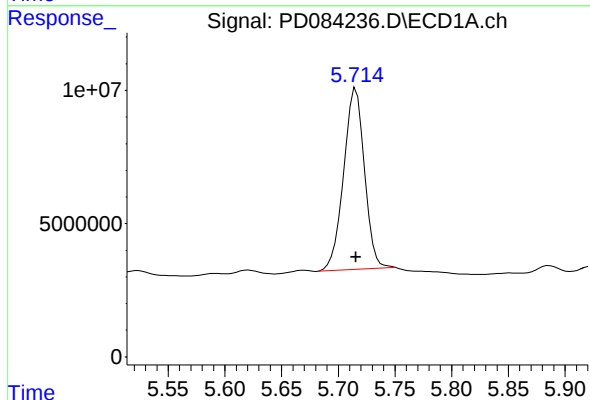
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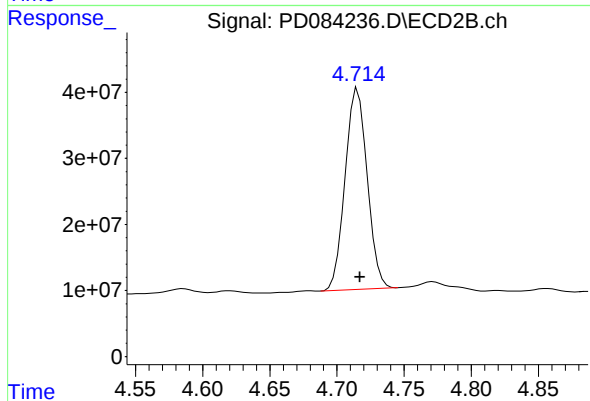
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 411814847
Conc: 49.50 ng/ml



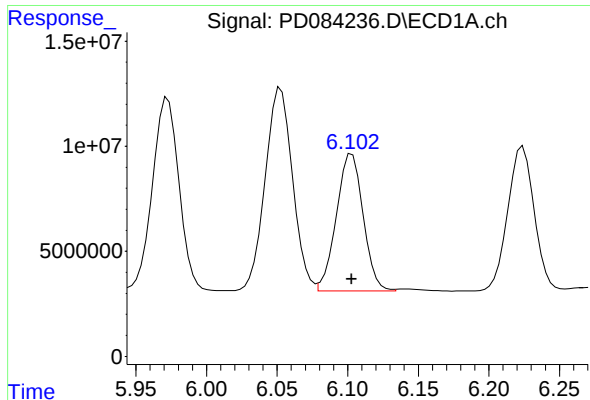
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 86923727
Conc: 48.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 350184661
Conc: 48.73 ng/ml



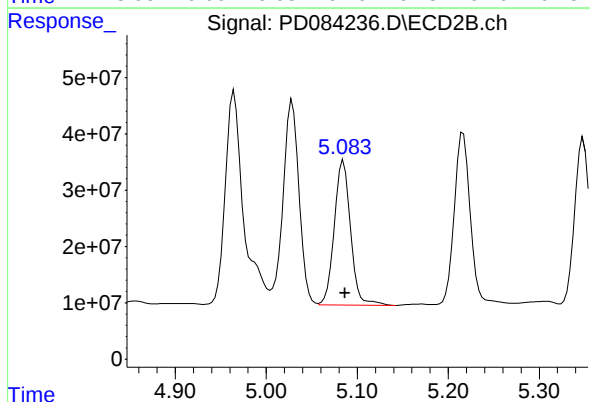
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 86228932
Conc: 44.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

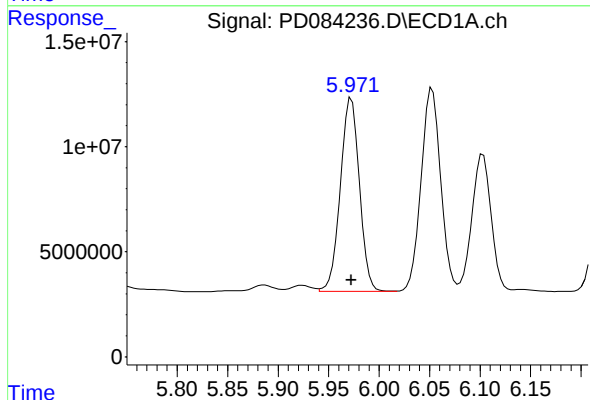
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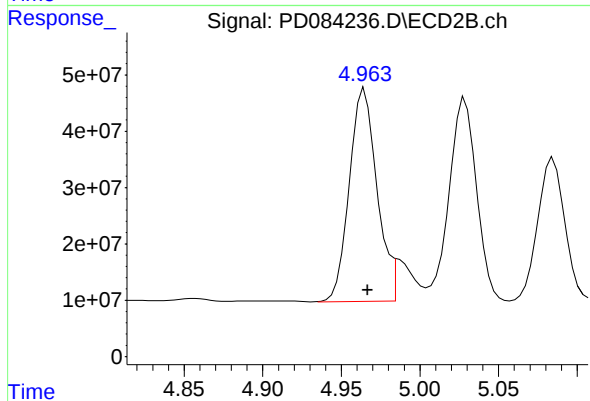
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 320065851
Conc: 46.41 ng/ml



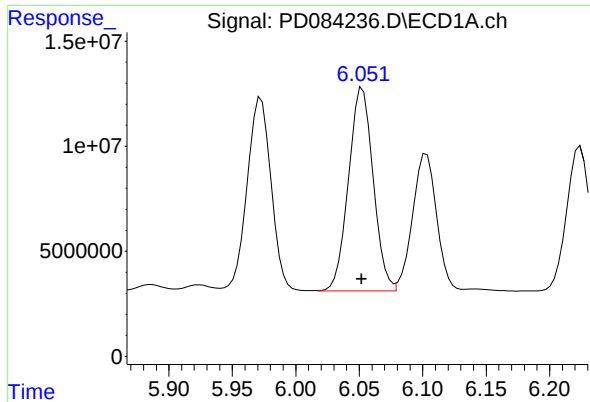
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 121410890
Conc: 60.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 475353356
Conc: 62.71 ng/ml m



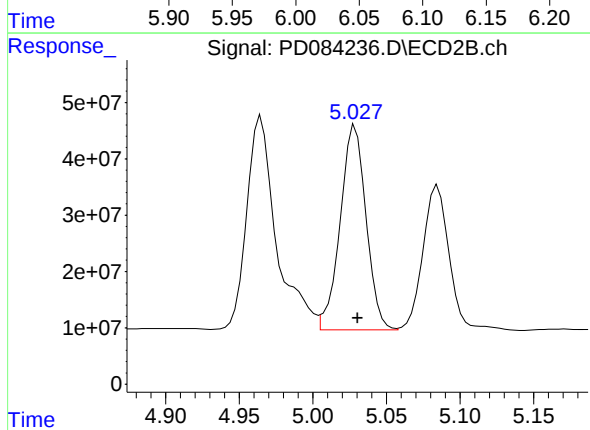
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 131035342
Conc: 65.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

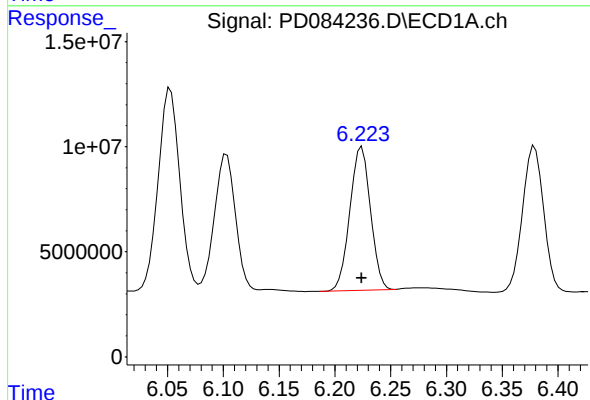
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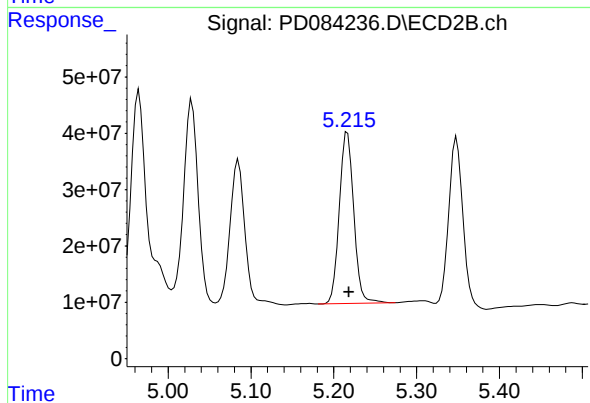
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 445426954
Conc: 59.65 ng/ml



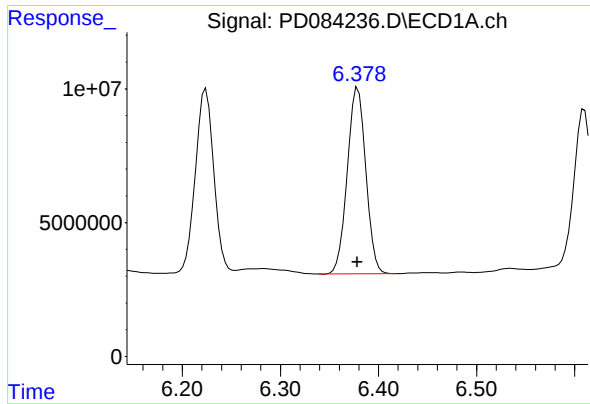
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 87896017
Conc: 44.09 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 368745646
Conc: 51.76 ng/ml



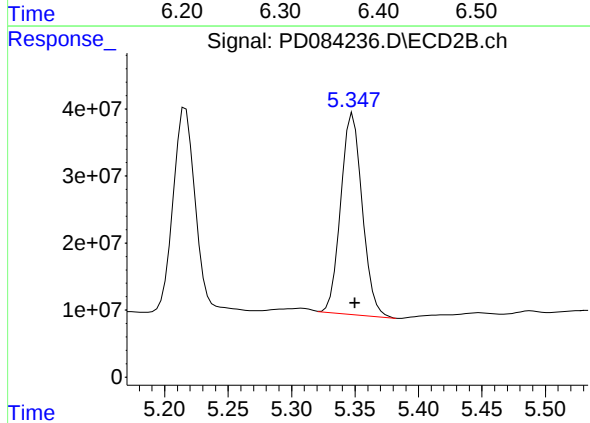
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 91502494
Conc: 44.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

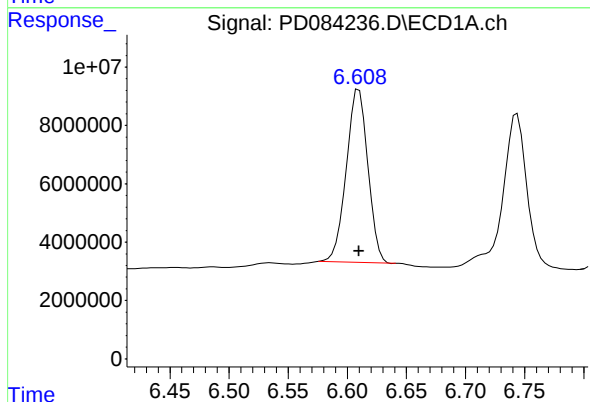
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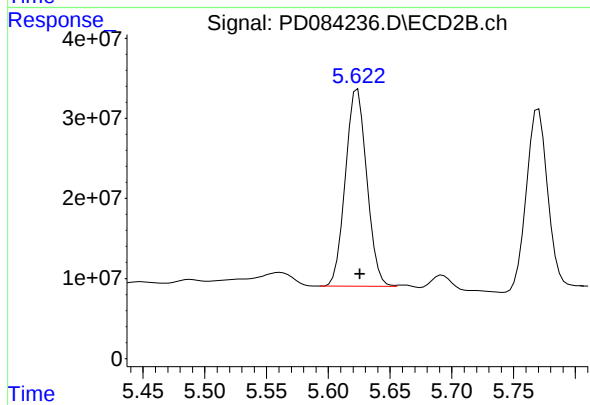
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 353707925
Conc: 47.11 ng/ml m



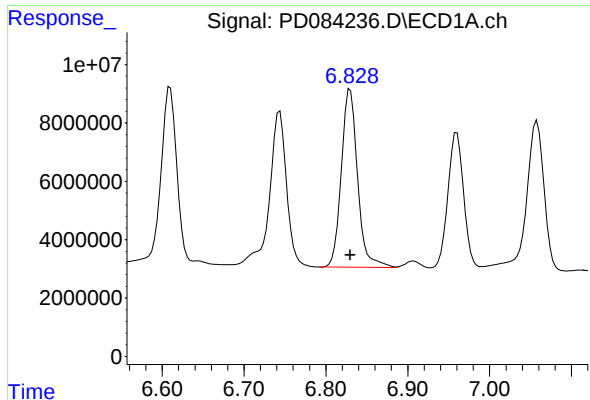
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 75277670
Conc: 42.18 ng/ml



#14 Endrin

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 297232087
Conc: 44.95 ng/ml m



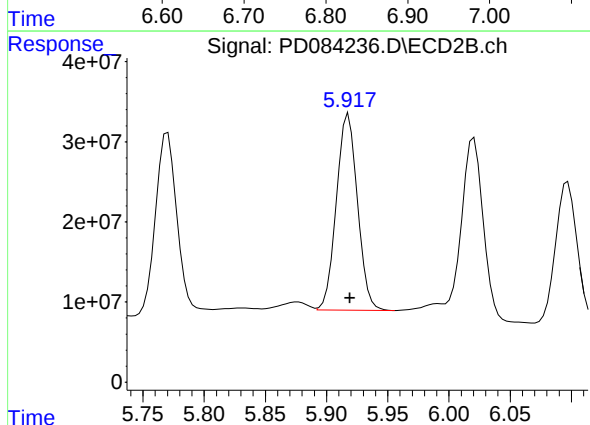
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 84718007
Conc: 44.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

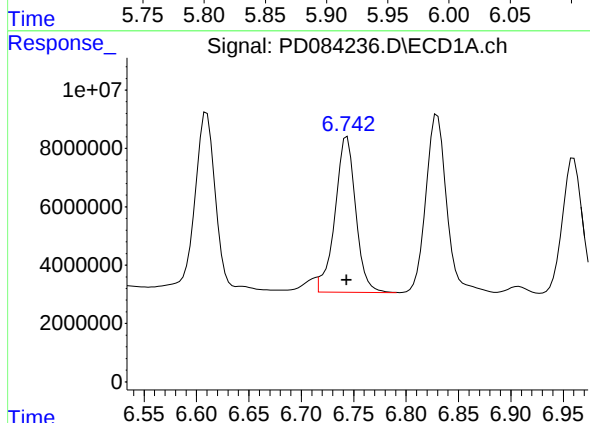
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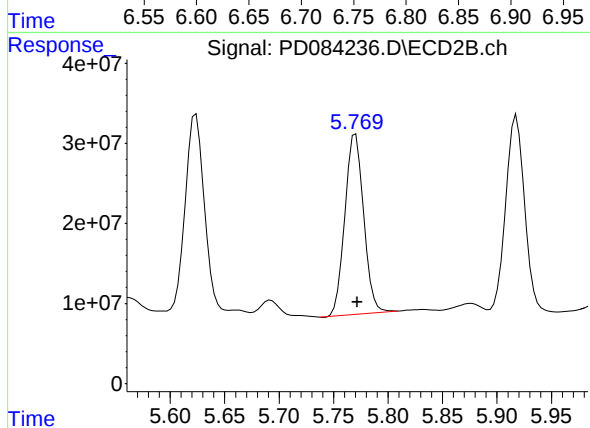
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 294528831
Conc: 46.10 ng/ml



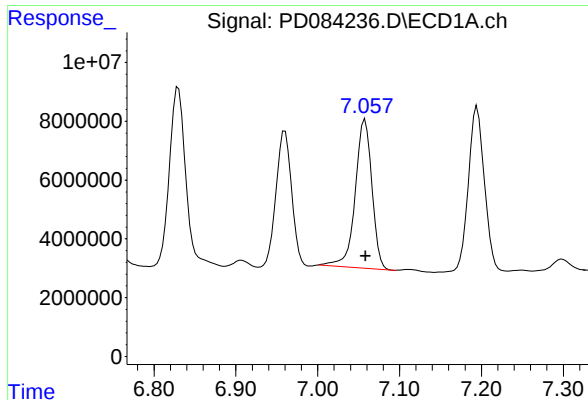
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 72838918
Conc: 48.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 270019893
Conc: 48.75 ng/ml



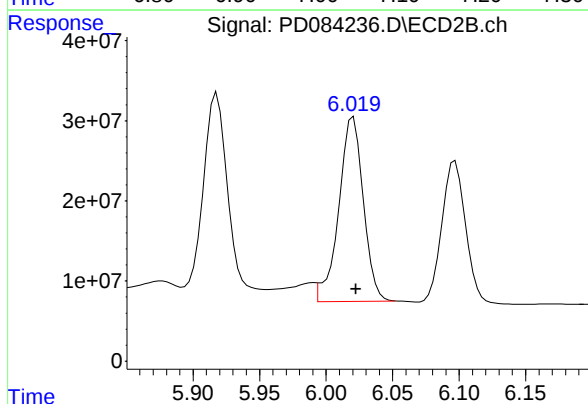
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 71974279
Conc: 41.91 ng/ml

Instrument :
ECD_D
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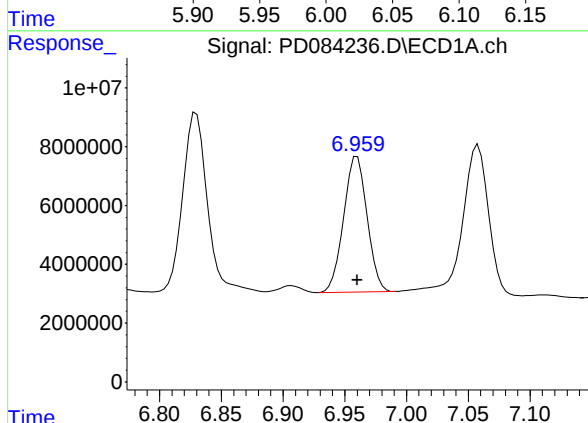
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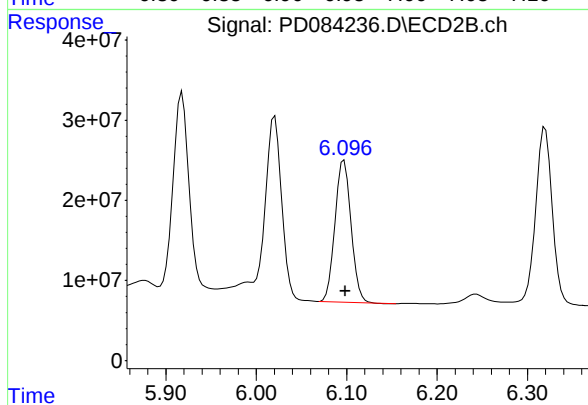
#17 4,4'-DDT

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 294372254
Conc: 51.32 ng/ml m



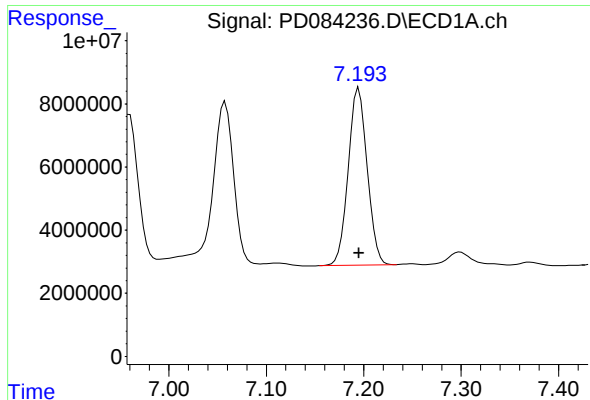
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 60966975
Conc: 41.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 218951880
Conc: 43.63 ng/ml



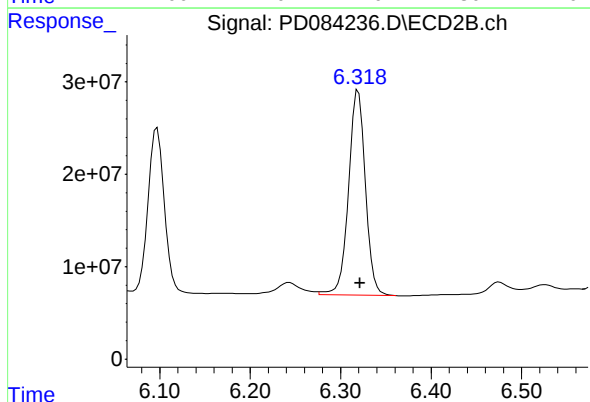
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 75882966
Conc: 41.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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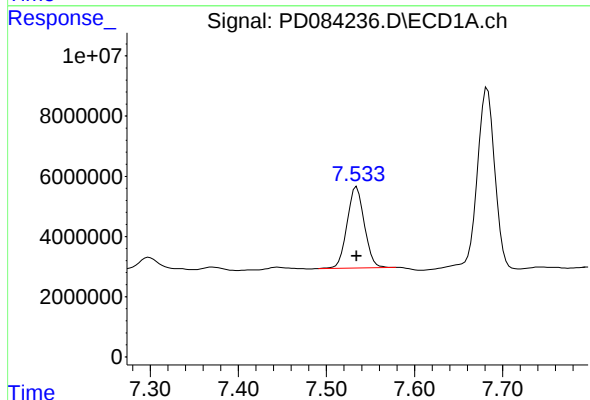
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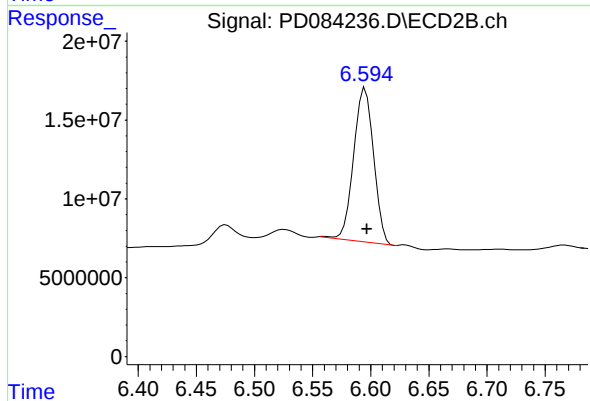
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.002 min
Response: 286969338
Conc: 46.89 ng/ml



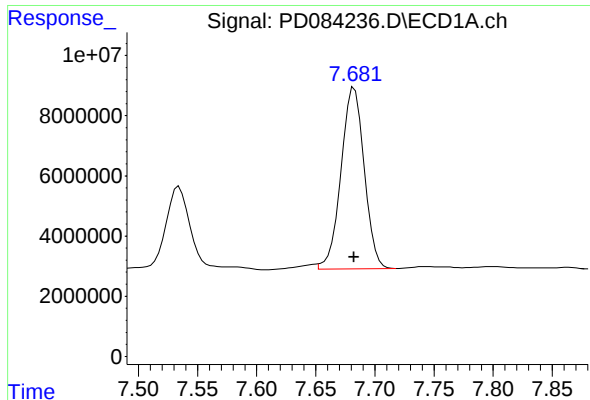
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 36660021
Conc: 37.21 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 116294111
Conc: 39.42 ng/ml



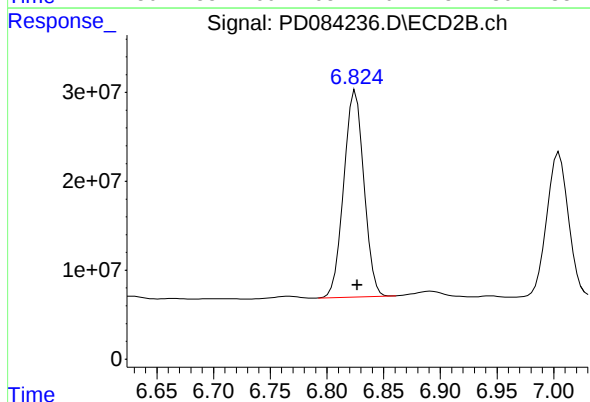
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.001 min
Response: 82315681
Conc: 39.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

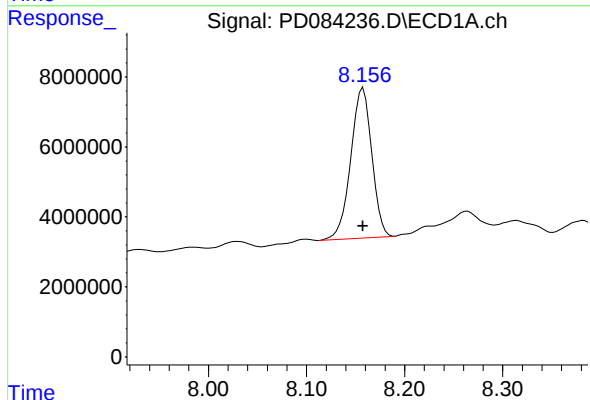
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2024
Supervised By :Ankita Jodhani 08/06/2024



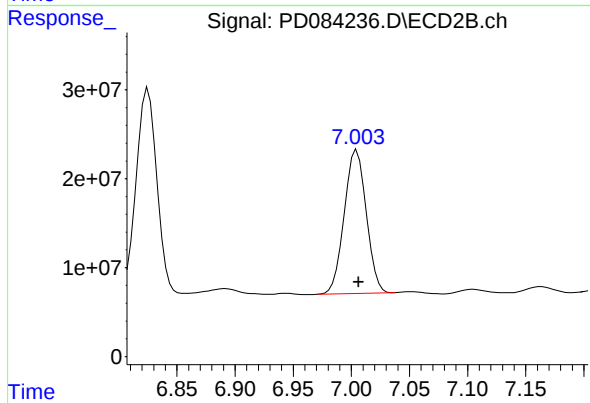
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 286962452
Conc: 42.39 ng/ml



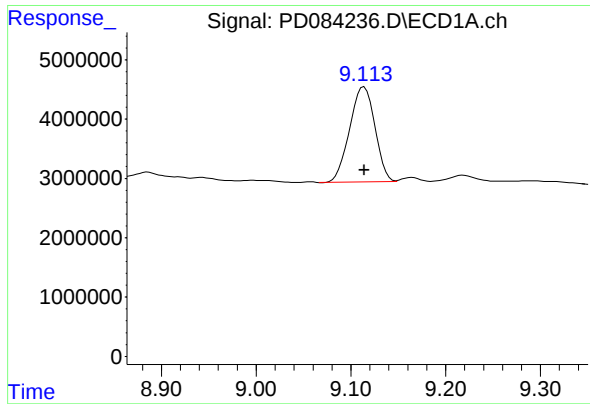
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 63933400
Conc: 39.26 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 212634242
Conc: 39.24 ng/ml



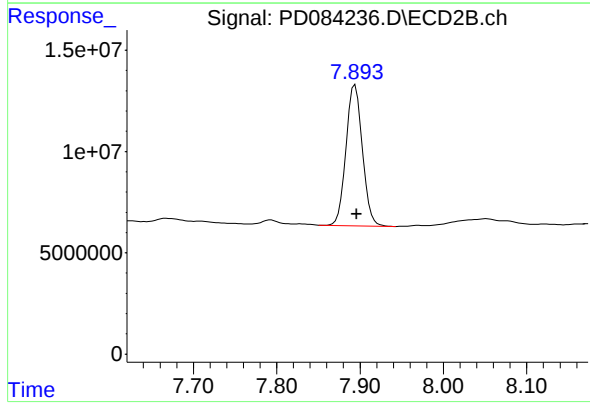
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 29796882
Conc: 13.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11929MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 94569112
Conc: 14.73 ng/ml