

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012224\
 Data File : PL087894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2024 14:28
 Operator : AR\AJ
 Sample : P1203-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11977MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/23/2024
 Supervised By :Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 21:46:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.418	2.672	59150878	27096627	19.758	22.369
28) SA Decachlor...	8.975	7.857	72027739	30294830	25.291m	23.914
Target Compounds						
2) A alpha-BHC	3.875	3.176	176.9E6	74352021	39.431	40.341
3) MA gamma-BHC...	4.207	3.507	173.5E6	77768056	39.770m	42.794
4) MA Heptachlor	4.801	3.848	174.9E6	71763061	39.806	40.294
5) MB Aldrin	5.144	4.128	177.9E6	74958125	41.499	42.472
6) B beta-BHC	4.409	3.809	77921684	32892919	41.883	43.006
7) B delta-BHC	4.655	4.036	162.4E6	71359940	38.592	41.108m
8) B Heptachlo...	5.575	4.636	158.5E6	67914914	41.381	42.612
9) A Endosulfan I	5.961	5.005	156.3E6	61318020	43.355	39.638m
10) B gamma-Chl...	5.831	4.889	183.2E6	75979403	47.401m	47.073
11) B alpha-Chl...	5.912	4.953	187.9E6	73341588	48.903	44.192
12) B 4,4'-DDE	6.095	5.151	124.4E6	64121697	38.897	47.670
13) MA Dieldrin	6.239	5.272	159.4E6	77647610	42.805	48.862m
14) MA Endrin	6.468	5.549	127.2E6	65348118	40.503m	46.085
15) B Endosulfa...	6.691	5.847	136.0E6	65497835	42.419	47.844
16) A 4,4'-DDD	6.613	5.709	123.6E6	52522086	47.930m	46.580
17) MA 4,4'-DDT	6.931	5.962	115.7E6	57345507	40.464m	46.076
18) B Endrin al...	6.822	6.028	98757449	49949999	39.263	42.978m
19) B Endosulfa...	7.059	6.253	121.8E6	57935985	39.833	44.136m
20) A Methoxychlor	7.418	6.550	70420217	42675147	43.373	57.976 #
21) B Endrin ke...	7.545	6.758	167.9E6	62892118	51.624	41.024m
22) Mirex	8.022	6.939	155.7E6	59216503	55.543m	44.146m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012224\
Data File : PL087894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2024 14:28
Operator : AR\AJ
Sample : P1203-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

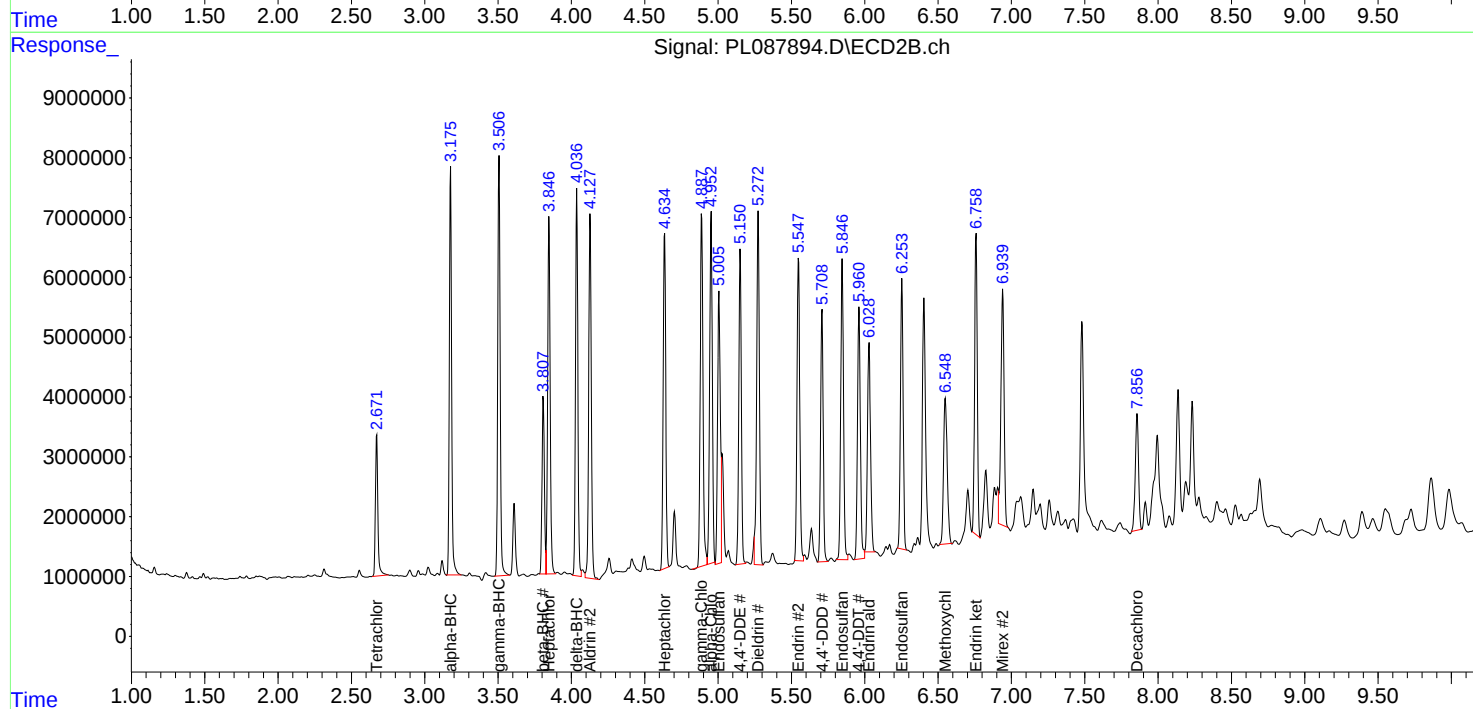
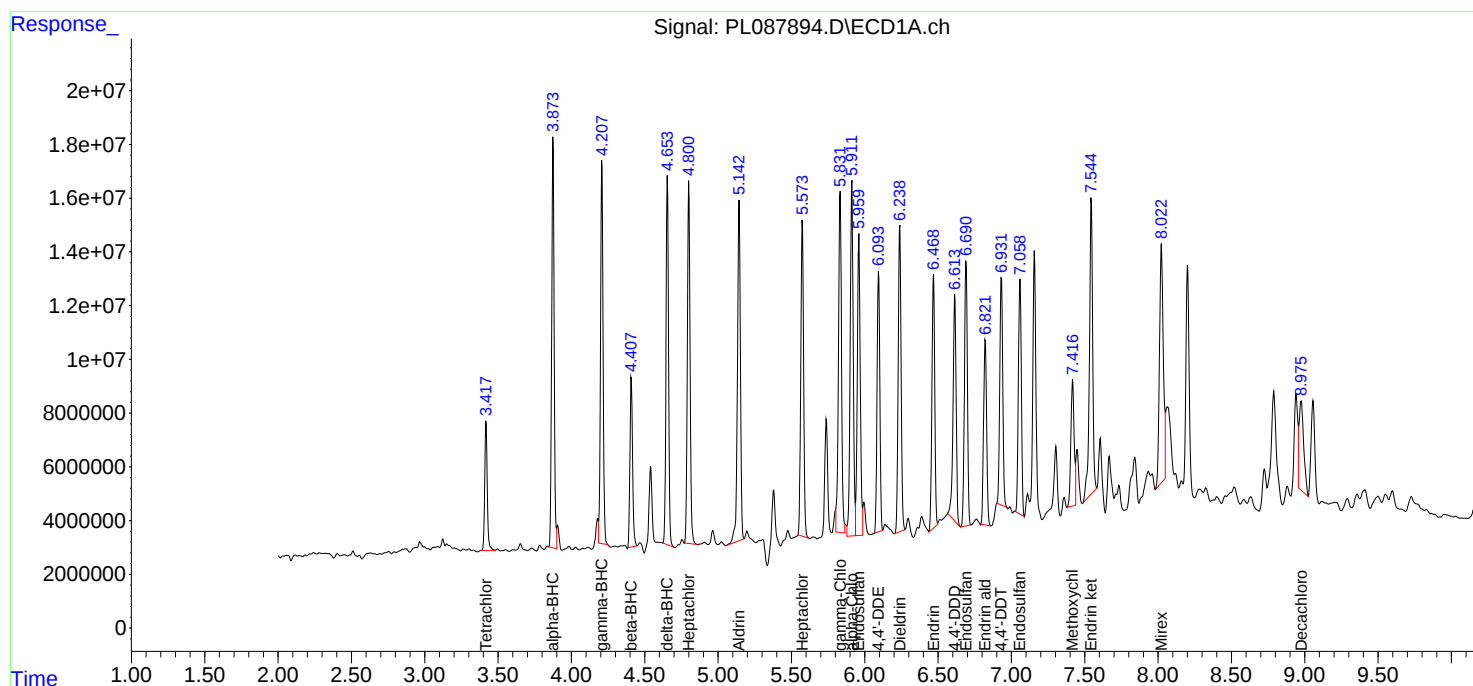
APPROVED

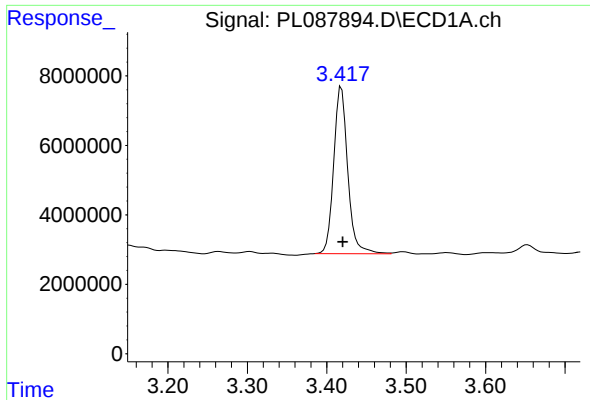
Reviewed By :Abdul Mirza 01/23/2024

Supervised By :Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 21:46:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 2023
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





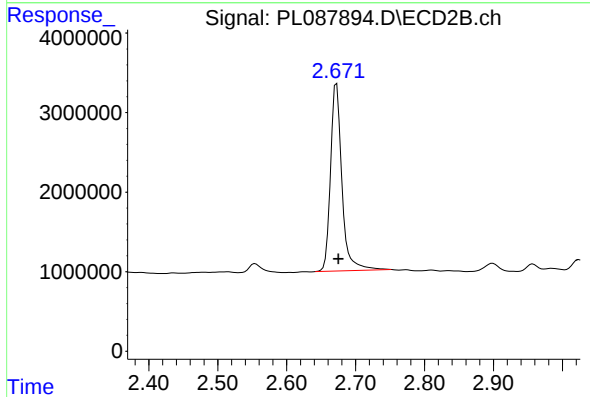
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: -0.002 min
Response: 59150878
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

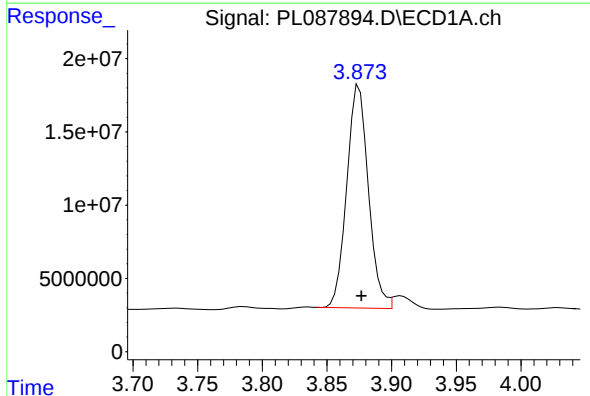
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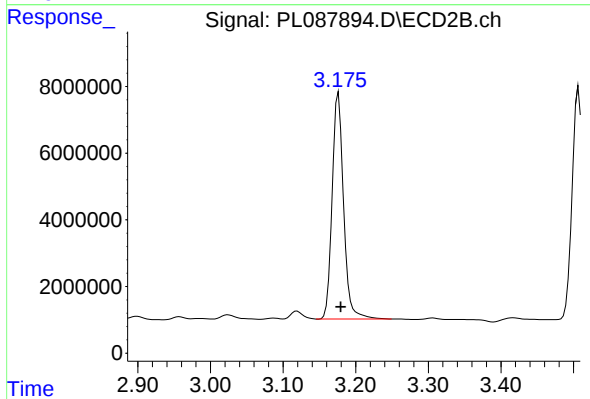
#1 Tetrachloro-m-xylene

R.T.: 2.672 min
Delta R.T.: -0.003 min
Response: 27096627
Conc: 22.37 ng/ml



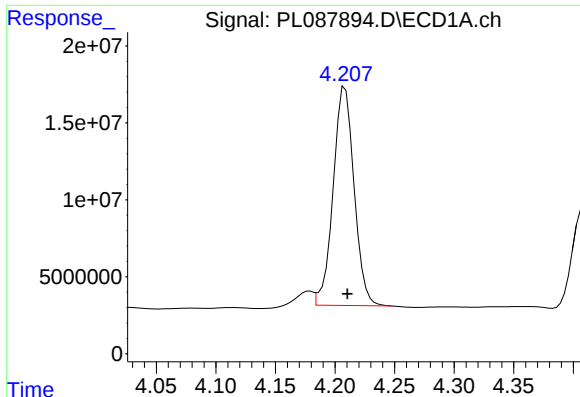
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 176921395
Conc: 39.43 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 74352021
Conc: 40.34 ng/ml



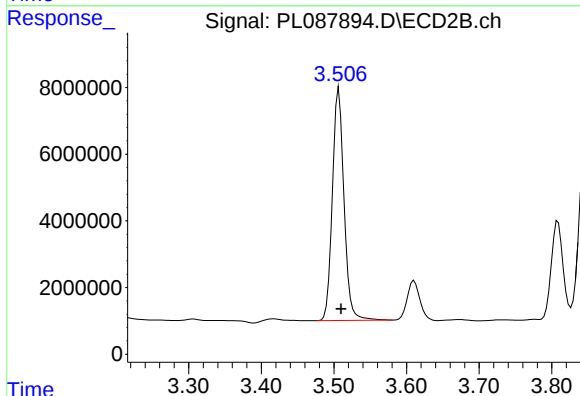
#3 gamma-BHC (Lindane)

R.T.: 4.207 min
Delta R.T.: -0.003 min
Response: 173463901
Conc: 39.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

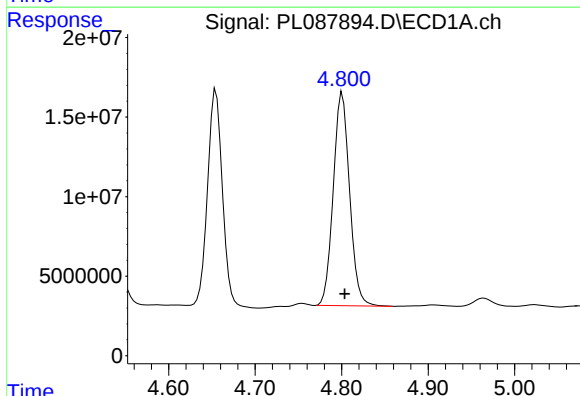
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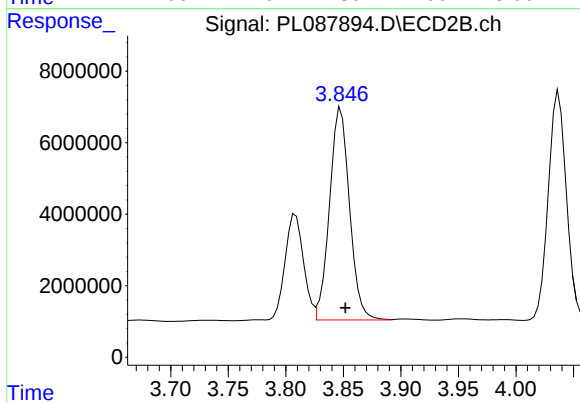
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 77768056
Conc: 42.79 ng/ml



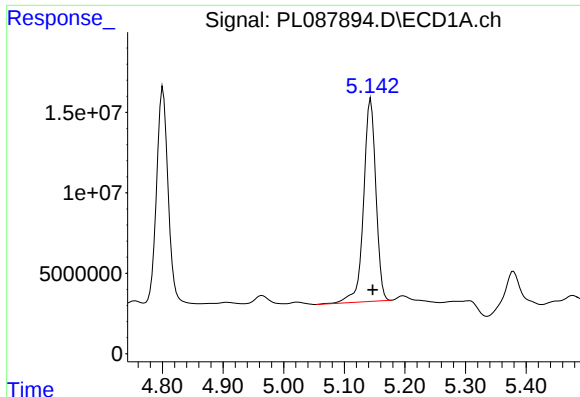
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 174911607
Conc: 39.81 ng/ml



#4 Heptachlor

R.T.: 3.848 min
Delta R.T.: -0.004 min
Response: 71763061
Conc: 40.29 ng/ml



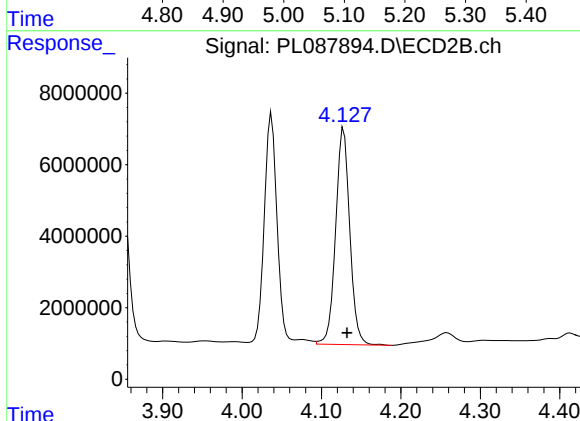
#5 Aldrin

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 177859127
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

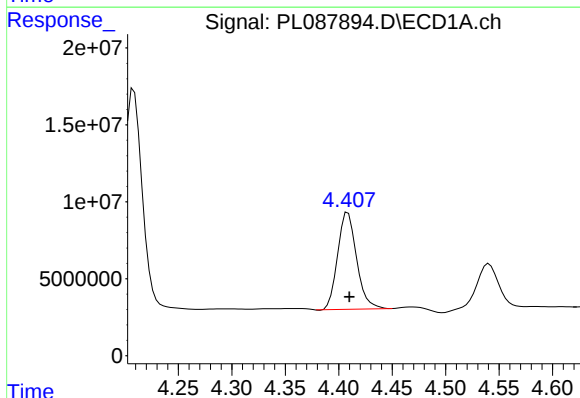
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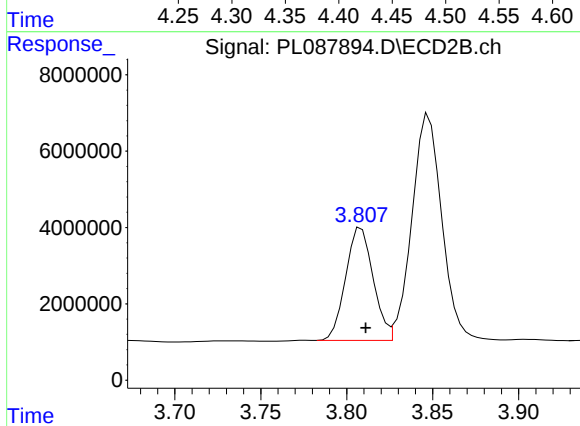
#5 Aldrin

R.T.: 4.128 min
Delta R.T.: -0.004 min
Response: 74958125
Conc: 42.47 ng/ml



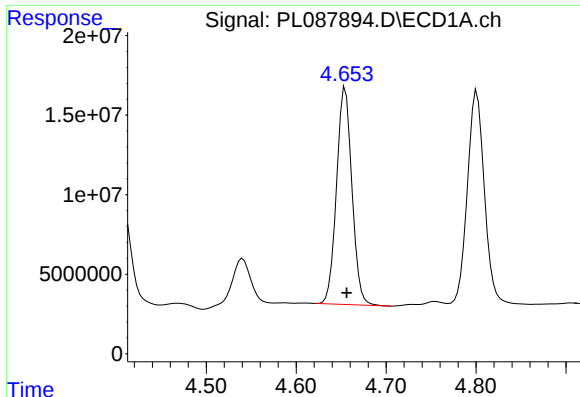
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 77921684
Conc: 41.88 ng/ml



#6 beta-BHC

R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 32892919
Conc: 43.01 ng/ml



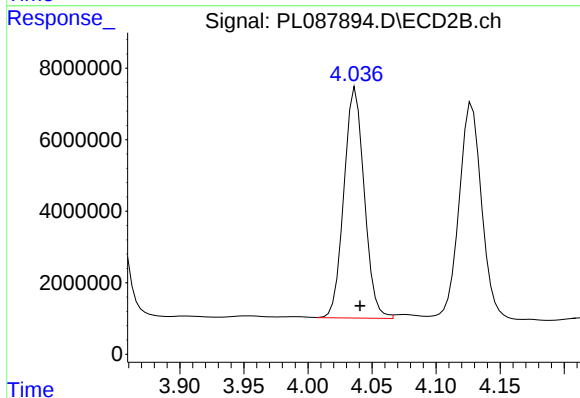
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 162390790
Conc: 38.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

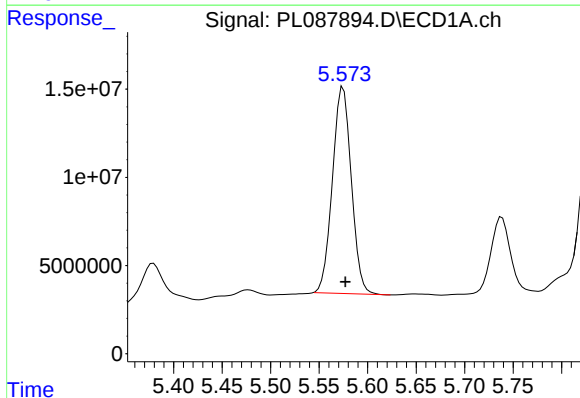
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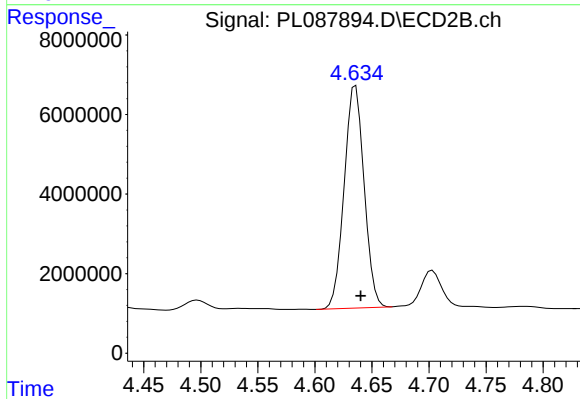
#7 delta-BHC

R.T.: 4.036 min
Delta R.T.: -0.005 min
Response: 71359940
Conc: 41.11 ng/ml m



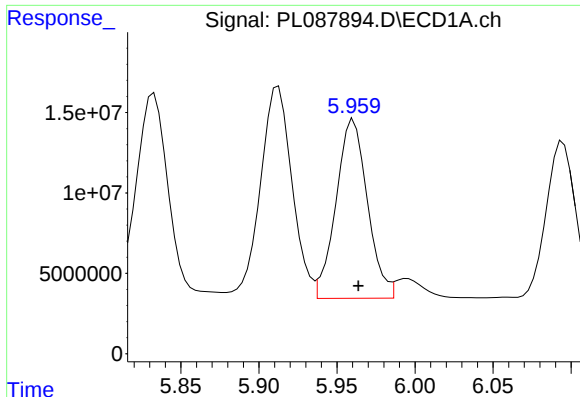
#8 Heptachlor epoxide

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 158541390
Conc: 41.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.636 min
Delta R.T.: -0.004 min
Response: 67914914
Conc: 42.61 ng/ml



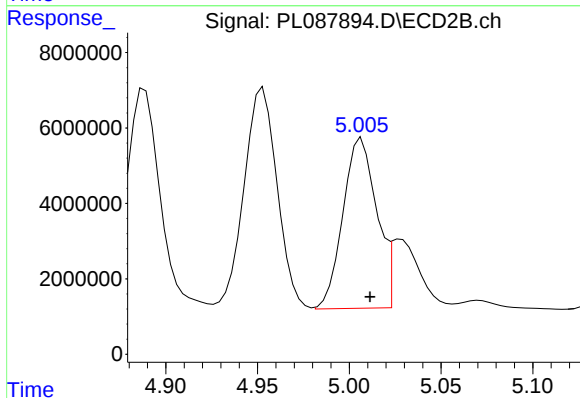
#9 Endosulfan I

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 156340599
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

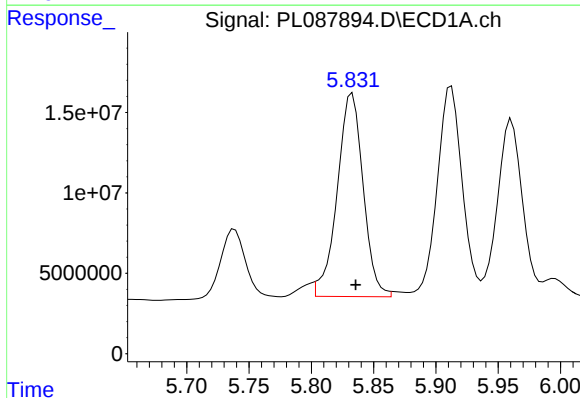
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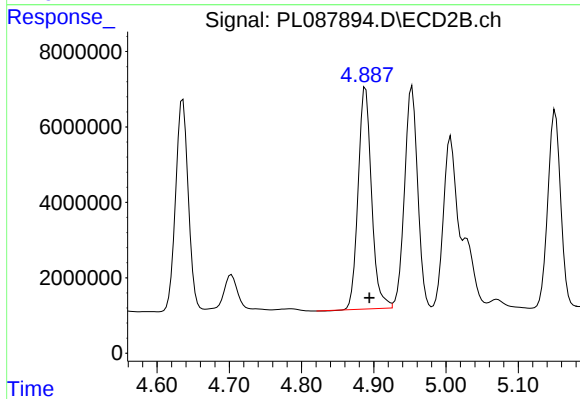
#9 Endosulfan I

R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 61318020
Conc: 39.64 ng/ml m



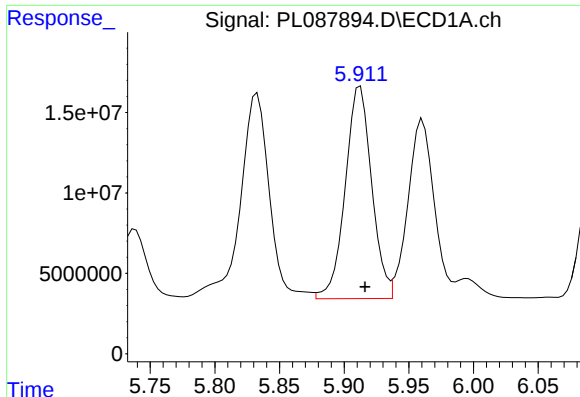
#10 gamma-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.004 min
Response: 183240517
Conc: 47.40 ng/ml m



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 75979403
Conc: 47.07 ng/ml



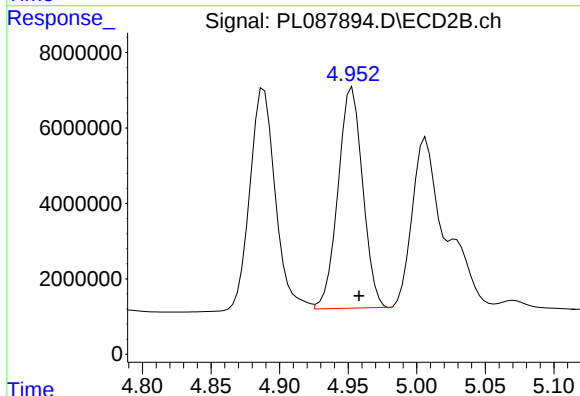
#11 alpha-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 187919714
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

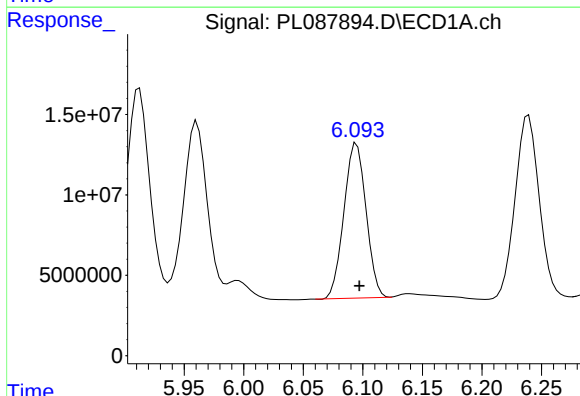
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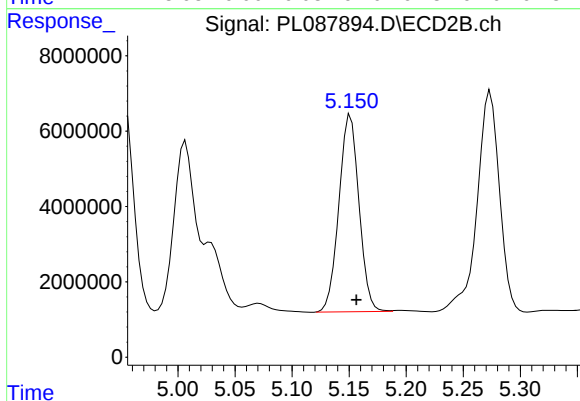
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 73341588
Conc: 44.19 ng/ml



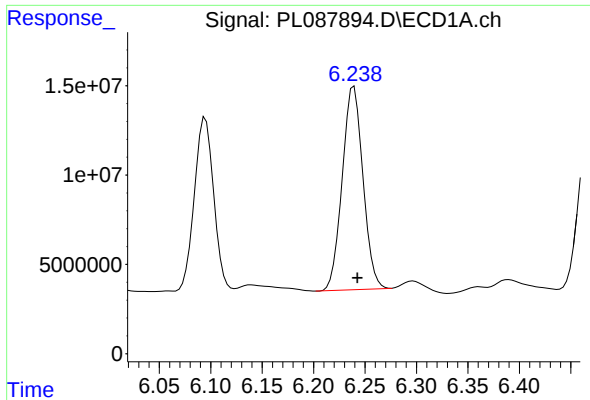
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 124360807
Conc: 38.90 ng/ml



#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: -0.005 min
Response: 64121697
Conc: 47.67 ng/ml



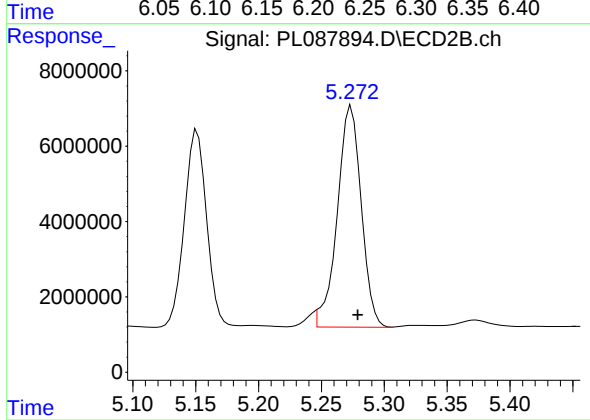
#13 Dieldrin

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 159443386
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

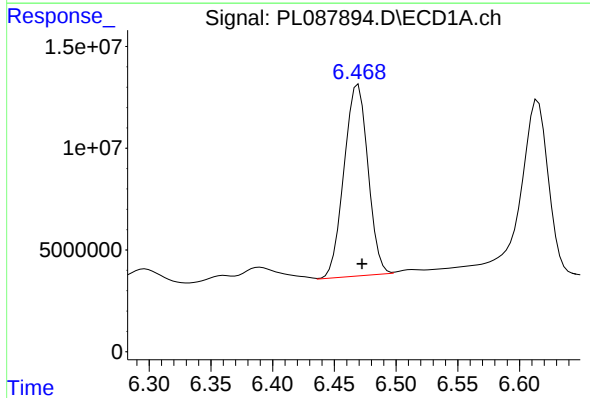
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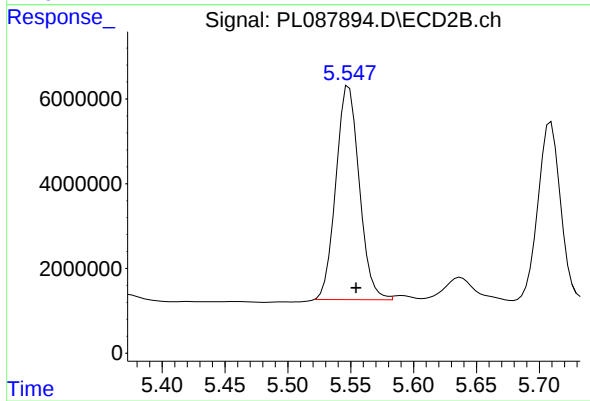
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 77647610
Conc: 48.86 ng/ml m



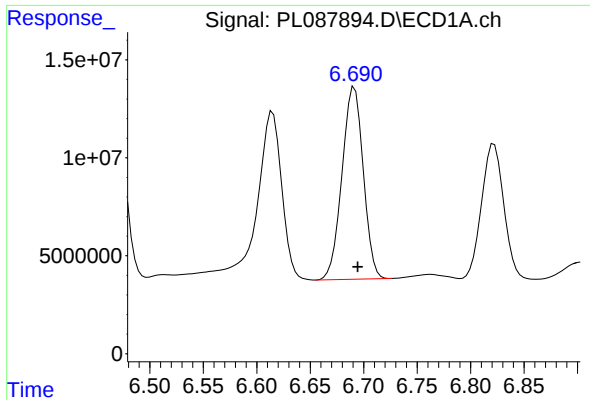
#14 Endrin

R.T.: 6.468 min
Delta R.T.: -0.004 min
Response: 127217070
Conc: 40.50 ng/ml m



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.006 min
Response: 65348118
Conc: 46.09 ng/ml



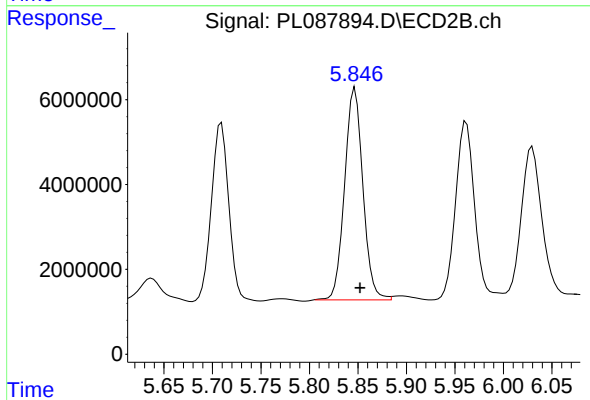
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 136036533
Conc: 42.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

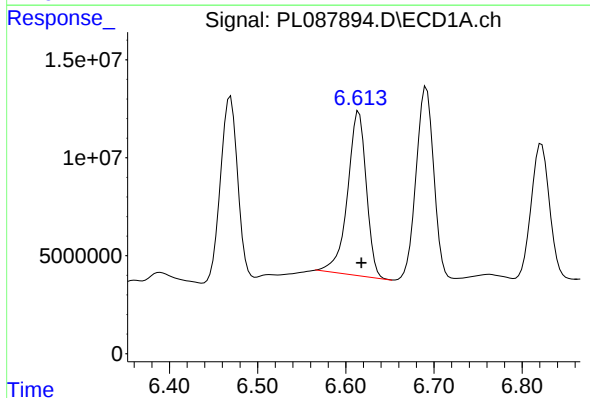
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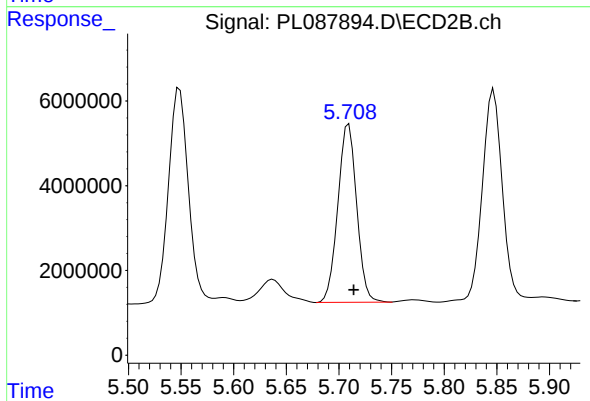
#15 Endosulfan II

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 65497835
Conc: 47.84 ng/ml



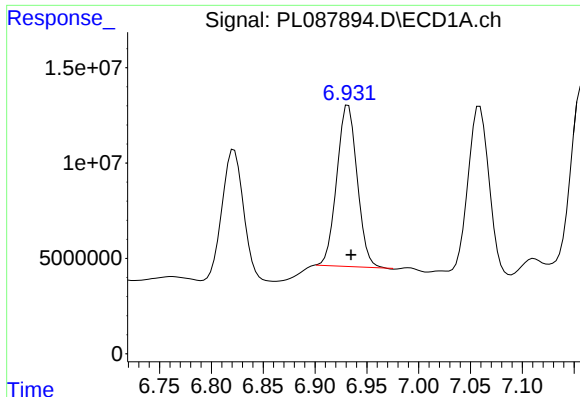
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 123591589
Conc: 47.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 52522086
Conc: 46.58 ng/ml



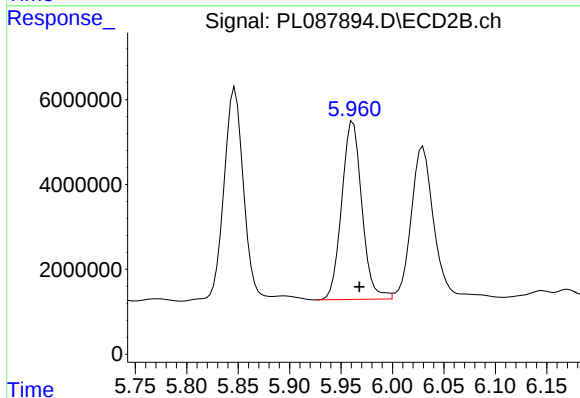
#17 4,4'-DDT

R.T.: 6.931 min
Delta R.T.: -0.004 min
Response: 115709058
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

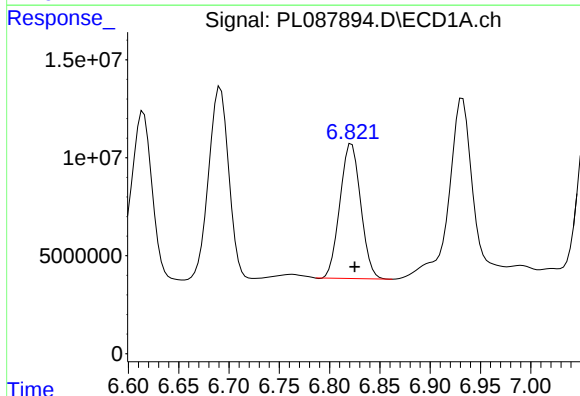
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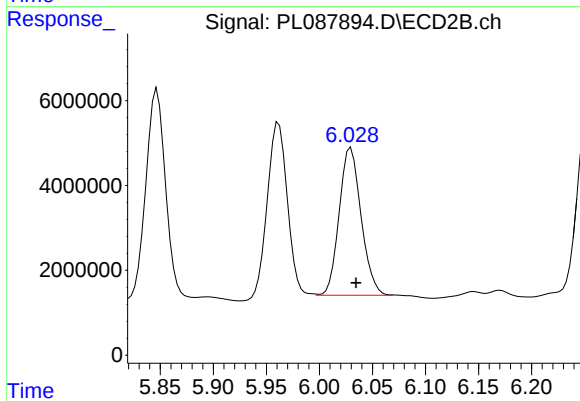
#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 57345507
Conc: 46.08 ng/ml



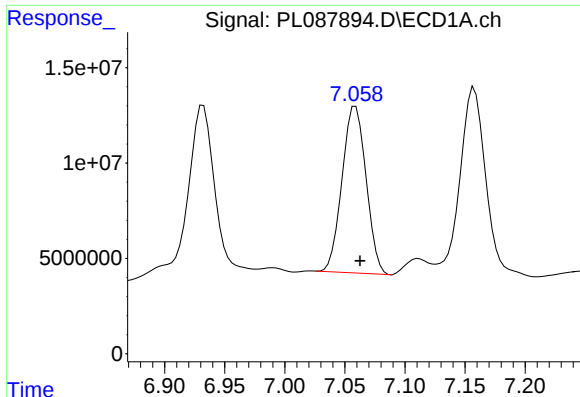
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.003 min
Response: 98757449
Conc: 39.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 49949999
Conc: 42.98 ng/ml m



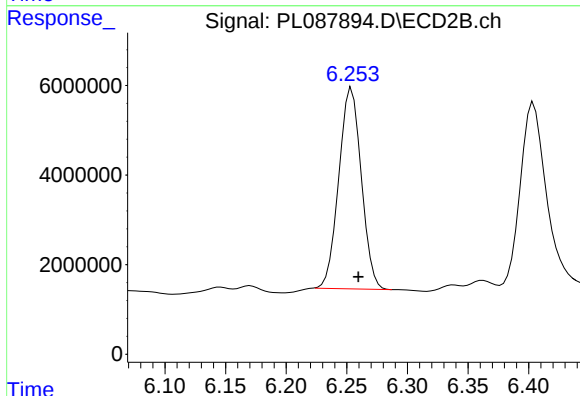
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.004 min
Response: 121830762
Conc: 39.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

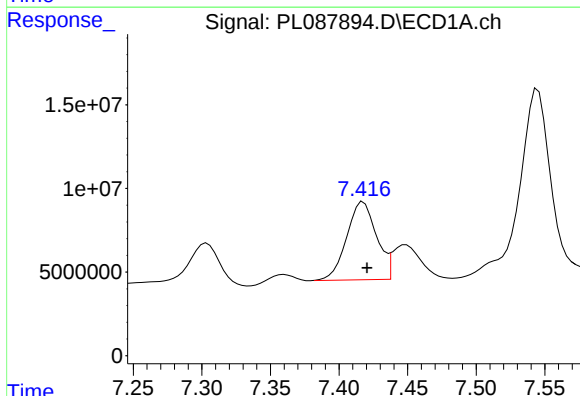
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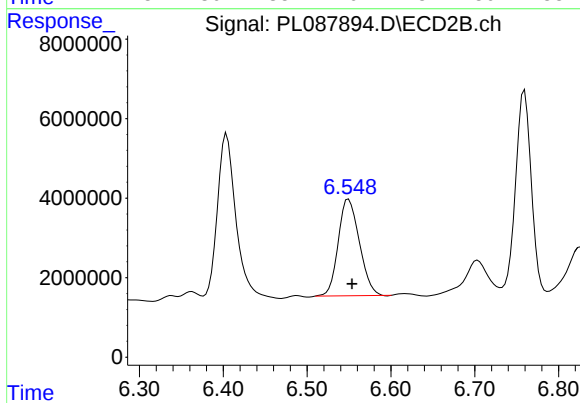
#19 Endosulfan Sulfate

R.T.: 6.253 min
Delta R.T.: -0.007 min
Response: 57935985
Conc: 44.14 ng/ml m



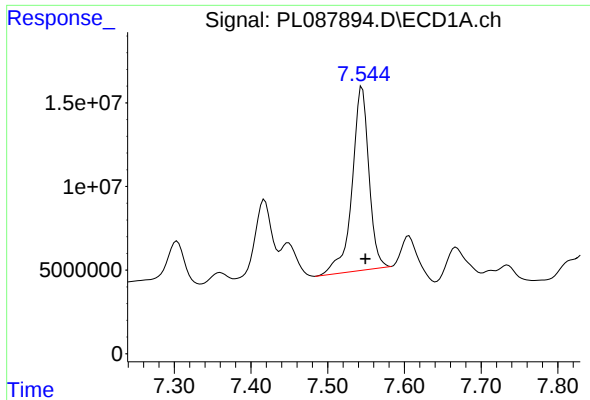
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 70420217
Conc: 43.37 ng/ml



#20 Methoxychlor

R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 42675147
Conc: 57.98 ng/ml



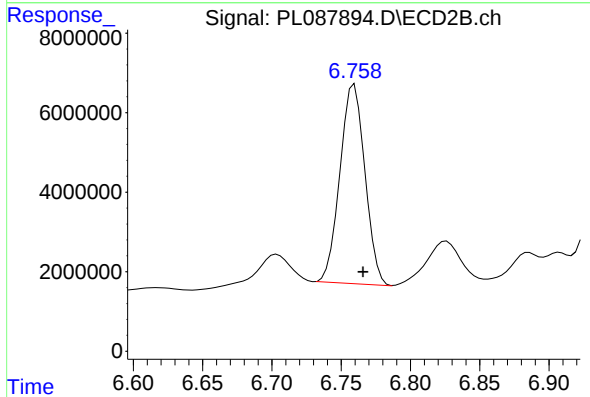
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 167912196
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

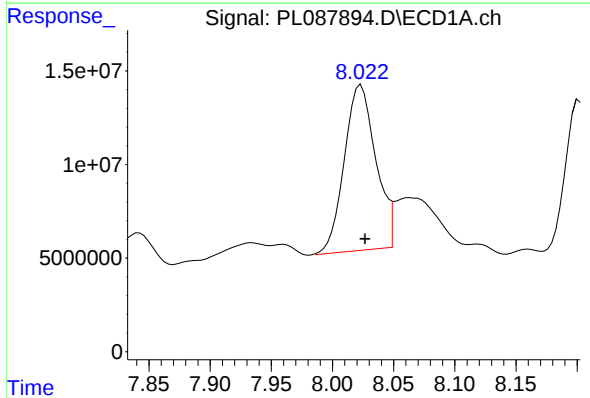
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2024
Supervised By :Ankita Jodhani 01/23/2024



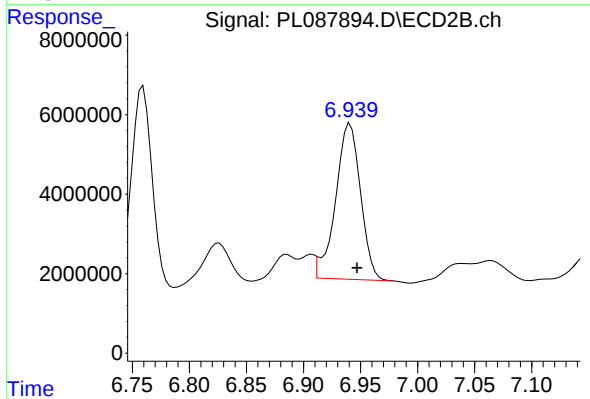
#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.008 min
Response: 62892118
Conc: 41.02 ng/ml m



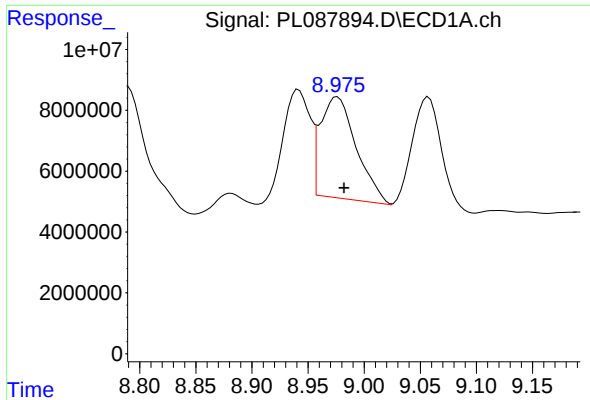
#22 Mirex

R.T.: 8.022 min
Delta R.T.: -0.005 min
Response: 155735194
Conc: 55.54 ng/ml m



#22 Mirex

R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 59216503
Conc: 44.15 ng/ml m



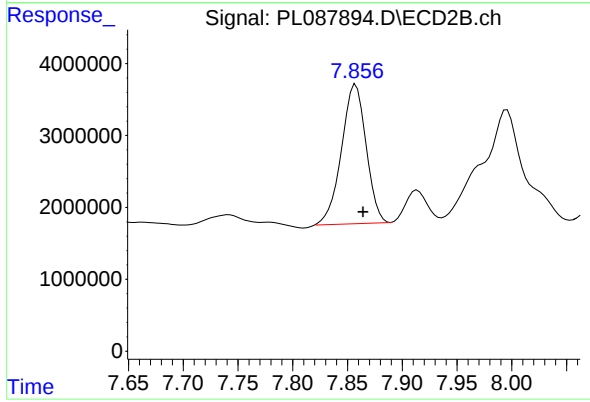
#28 Decachlorobiphenyl

R.T.: 8.975 min
Delta R.T.: -0.007 min
Response: 72027739
Conc: 25.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11977MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 01/23/2024



#28 Decachlorobiphenyl

R.T.: 7.857 min
Delta R.T.: -0.007 min
Response: 30294830
Conc: 23.91 ng/ml