

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
 Data File : PL089097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2024 14:22
 Operator : AR\AJ
 Sample : P2189-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 YARD-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2024
 Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:42:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.551	2.798	39005698	24241243	18.353	18.187
28) SA Decachlor...	9.062	7.949	21638926	22251689	16.988	16.617
Target Compounds						
2) A alpha-BHC	4.006	3.303	131.1E6	92265363	43.832	46.634
3) MA gamma-BHC...	4.337	3.634	120.8E6	88519475	41.880m	46.016
4) MA Heptachlor	4.929	3.976	106.9E6	84308408	42.973	46.915
5) MB Aldrin	5.271	4.257	108.9E6	86125981	41.941	46.950
6) B beta-BHC	4.532	3.931	55481589	39973382	41.346m	47.829
7) B delta-BHC	4.781	4.162	115.2E6	85240699	43.060	46.688
8) B Heptachlo...	5.696	4.760	106.8E6	76059517	45.256	45.801
9) A Endosulfan I	6.081	5.132	93951627	68034409	42.965	45.268
10) B gamma-Chl...	5.951	5.011	118.6E6	90889457	51.586	55.405
11) B alpha-Chl...	6.030	5.075	100.2E6	82090819	43.788	49.641
12) B 4,4'-DDE	6.203	5.263	91667952	71847229	45.612	48.859m
13) MA Dieldrin	6.356	5.395	100.1E6	91265102	44.371	55.830m#
14) MA Endrin	6.584	5.670	90650558	71604374	48.235	49.268m
15) B Endosulfa...	6.803	5.964	83345238	72089525	43.268	50.424
16) A 4,4'-DDD	6.718	5.819	87694355	58616398	54.405	48.404
17) MA 4,4'-DDT	7.030	6.069	81476790	77396748	44.713m	59.047 #
18) B Endrin al...	6.932	6.144	66922061	50996959	45.724	46.405
19) B Endosulfa...	7.166	6.365	79926060	69847960	46.555	51.672m
20) A Methoxychlor	7.506	6.645	39464020	36167269	44.789	48.389
21) B Endrin ke...	7.651	6.873	90618583	74548095	46.989	47.101
22) Mirex	8.126	7.057	69029656	61583469	47.001	46.580

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 14:22
Operator : AR\AJ
Sample : P2189-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

YARD-2MSD

Manual Integrations

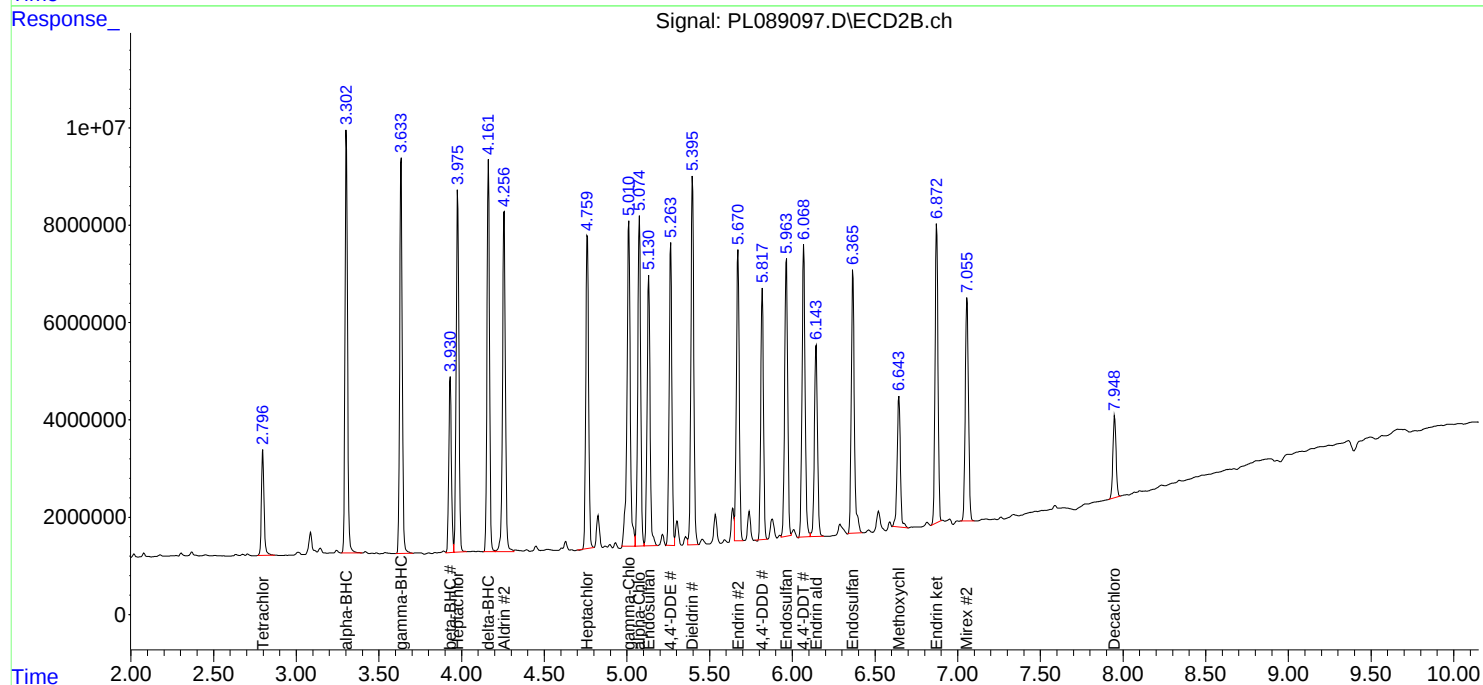
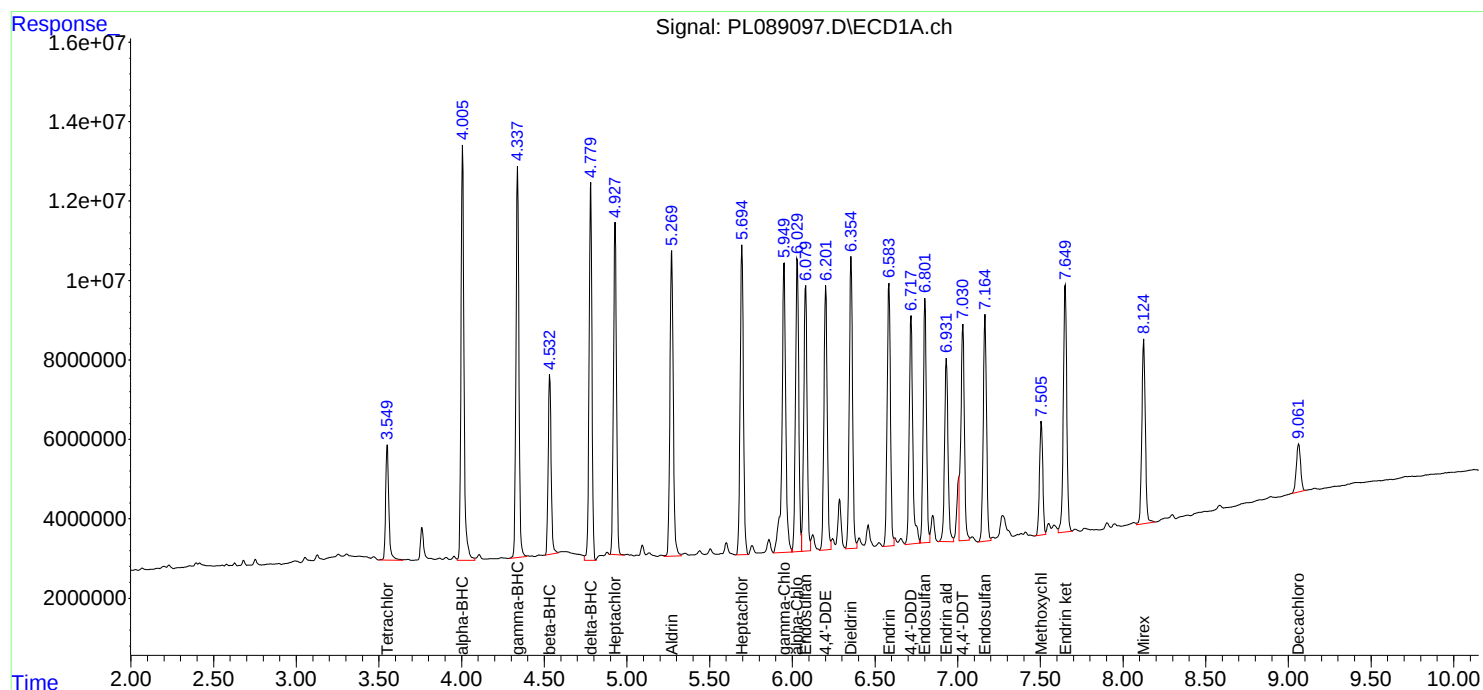
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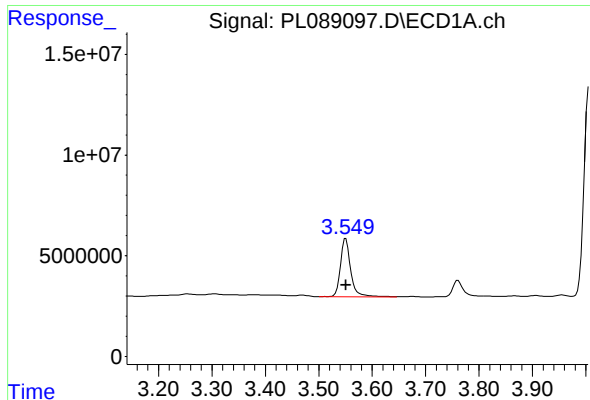
Reviewed By :Abdul Mirza 04/22/2024

Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 00:42:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
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





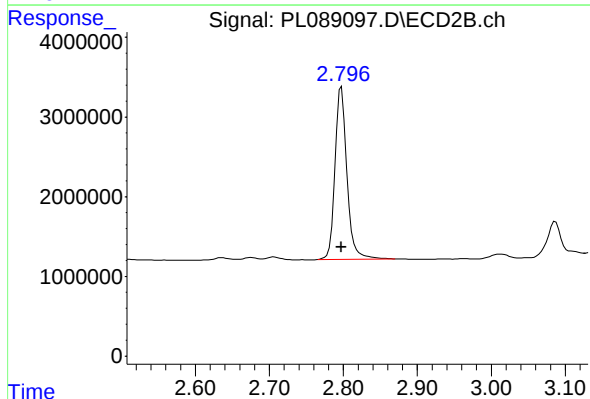
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 39005698
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

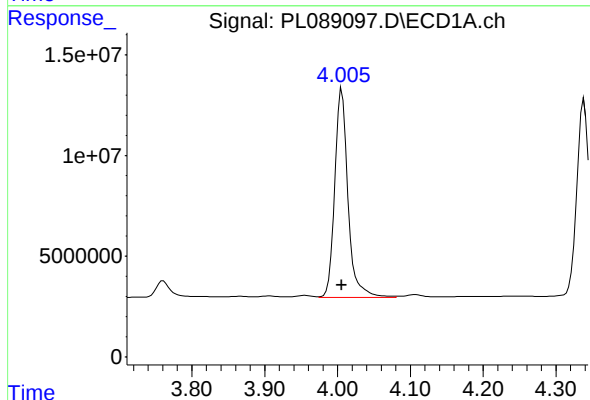
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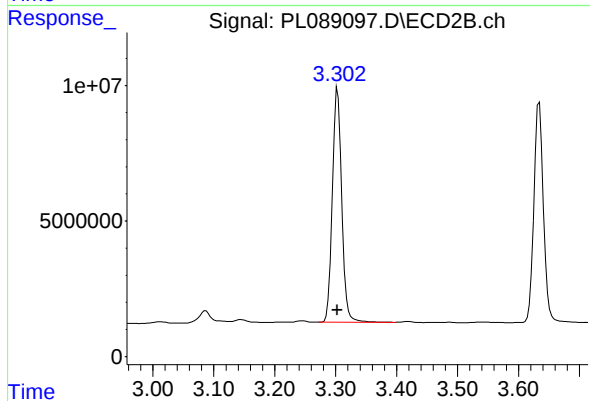
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 24241243
Conc: 18.19 ng/ml



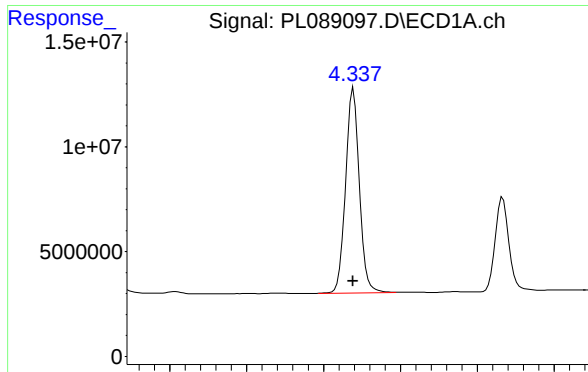
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 131056748
Conc: 43.83 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 92265363
Conc: 46.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 120832636
Conc: 41.88 ng/ml

Instrument :

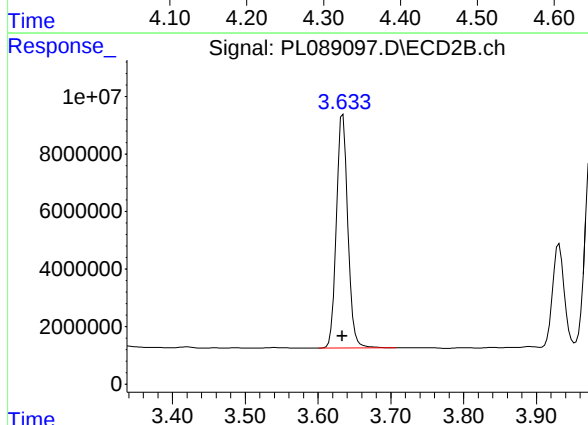
ECD_L

ClientSampleId :

YARD-2MSD

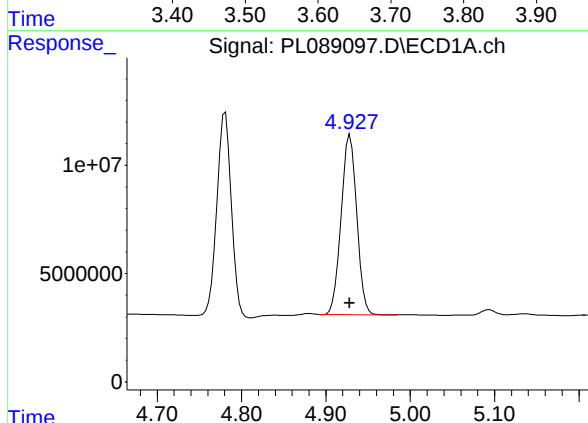
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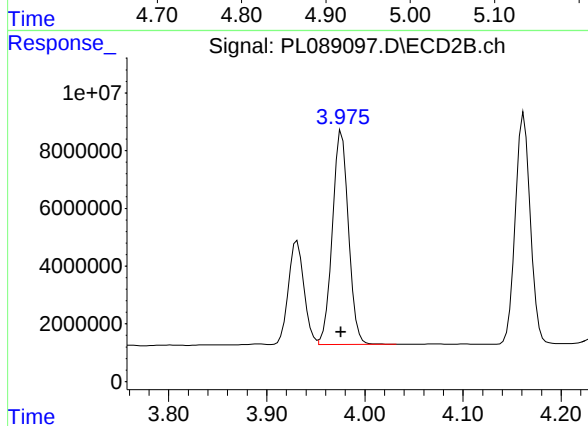
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 88519475
Conc: 46.02 ng/ml



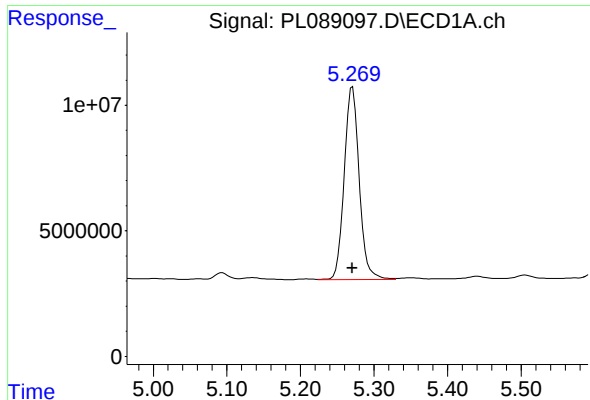
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 106925167
Conc: 42.97 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 84308408
Conc: 46.91 ng/ml



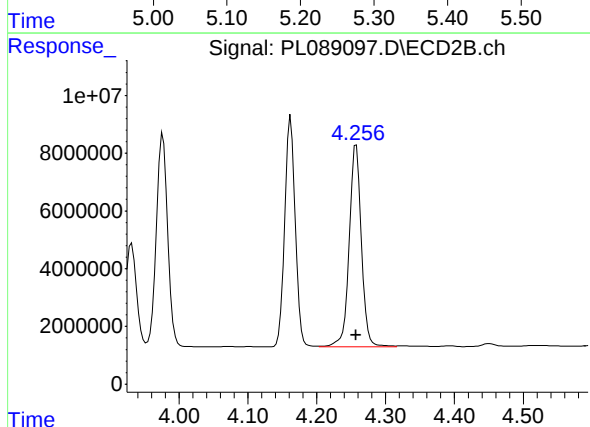
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 108861110
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

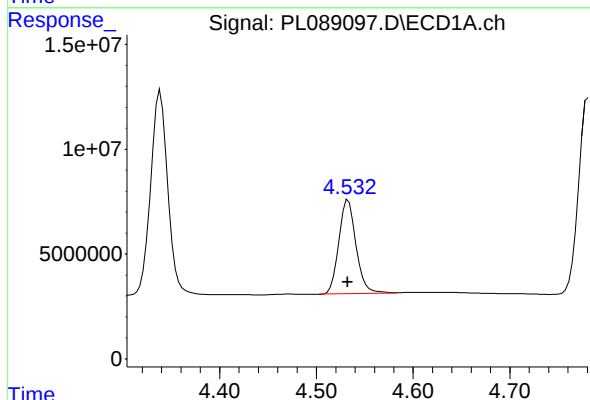
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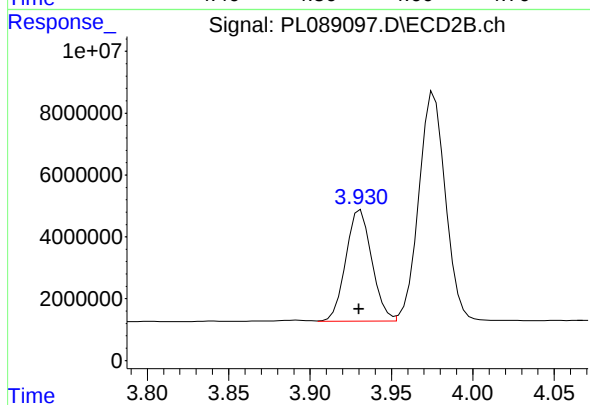
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 86125981
Conc: 46.95 ng/ml



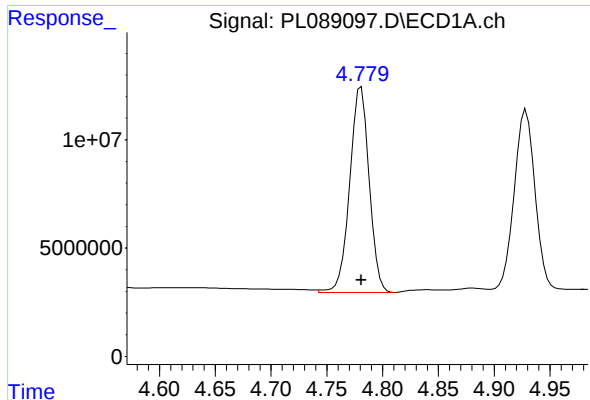
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 55481589
Conc: 41.35 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 39973382
Conc: 47.83 ng/ml



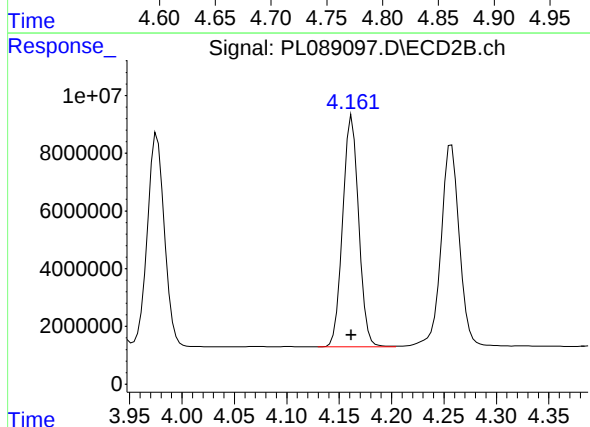
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 115152109
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

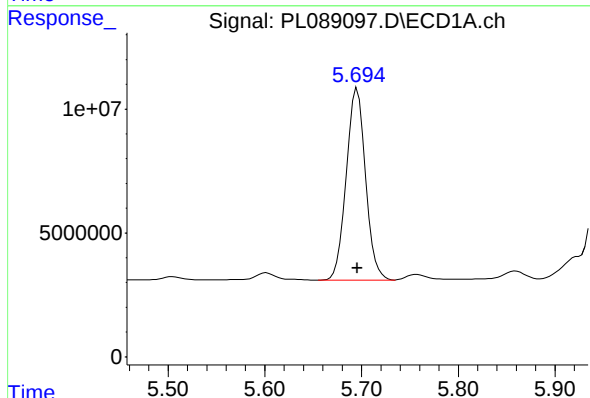
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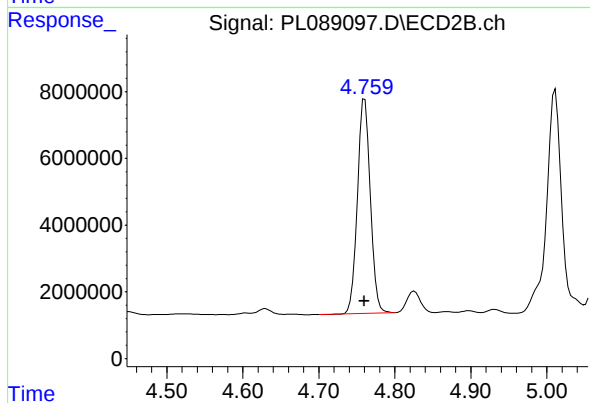
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 85240699
Conc: 46.69 ng/ml



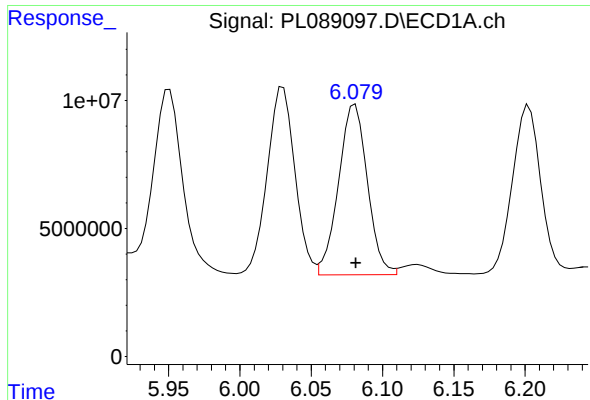
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 106786226
Conc: 45.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 76059517
Conc: 45.80 ng/ml



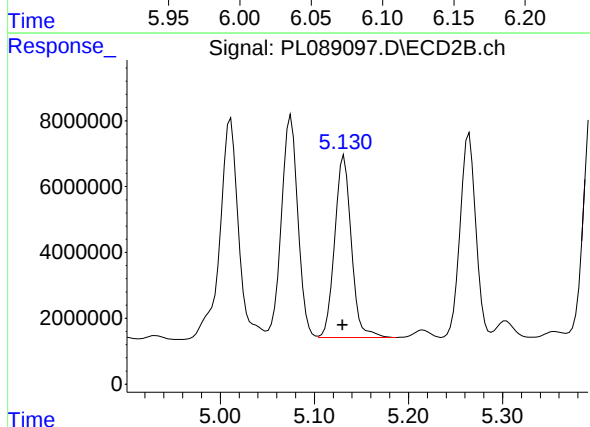
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 93951627
Conc: 42.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

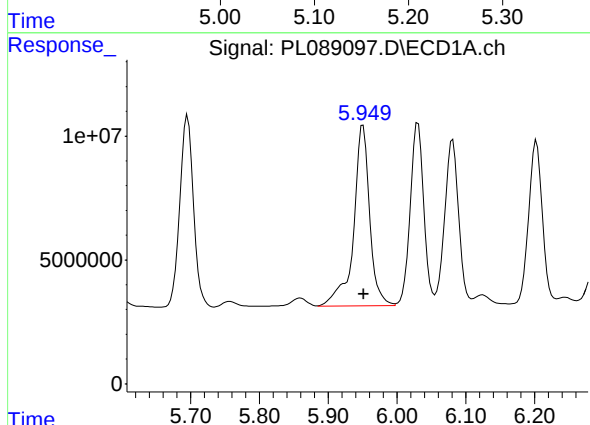
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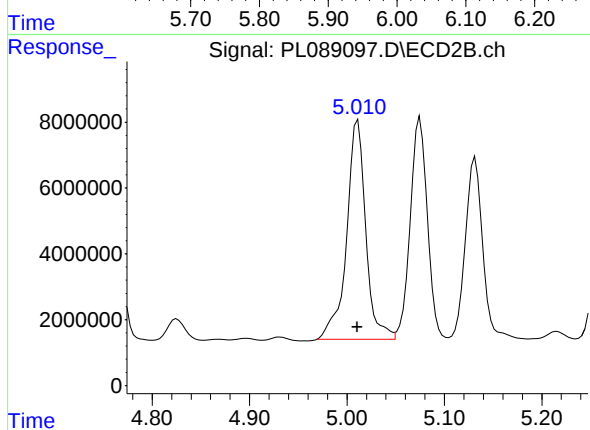
#9 Endosulfan I

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 68034409
Conc: 45.27 ng/ml



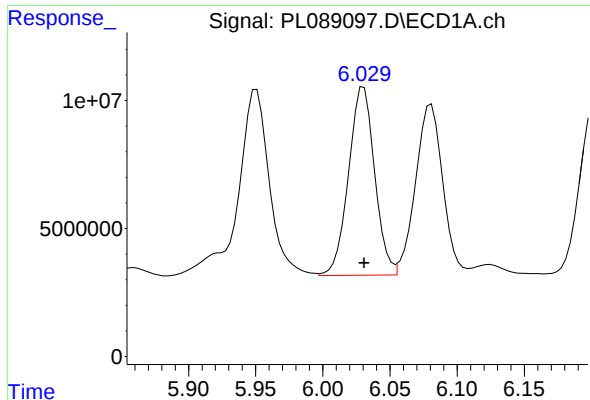
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 118586434
Conc: 51.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 90889457
Conc: 55.41 ng/ml



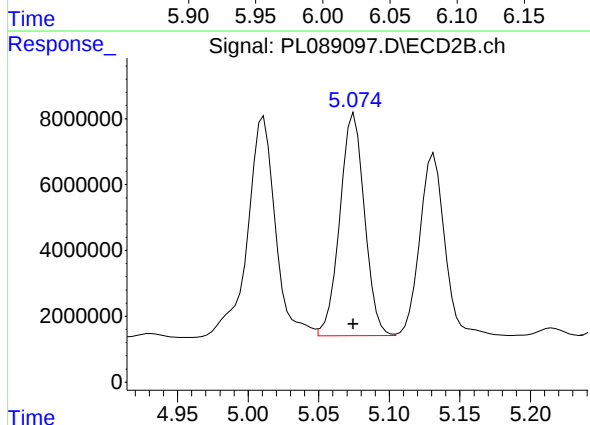
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 100247486
Conc: 43.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

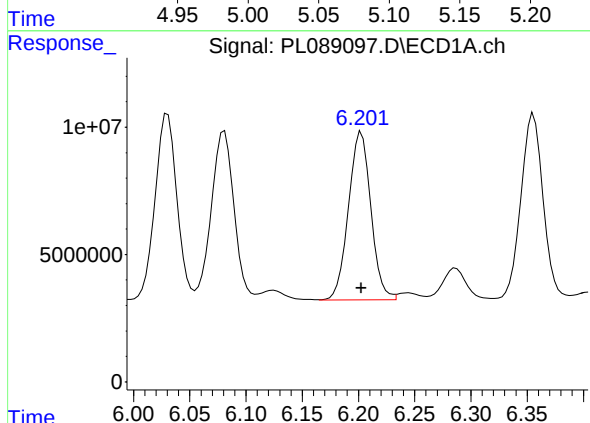
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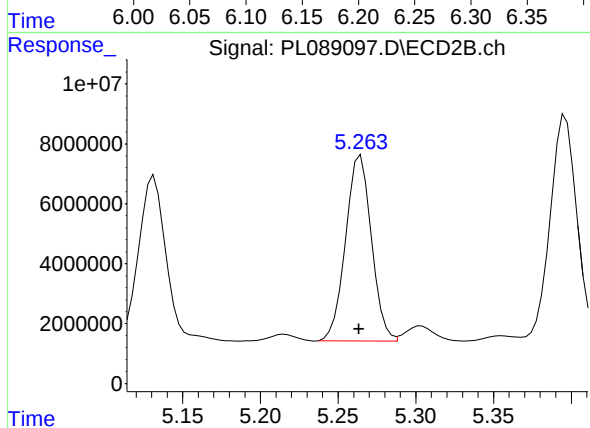
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 82090819
Conc: 49.64 ng/ml



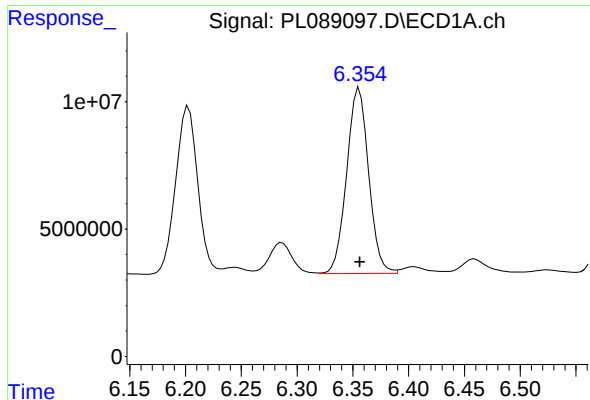
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 91667952
Conc: 45.61 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 71847229
Conc: 48.86 ng/ml m



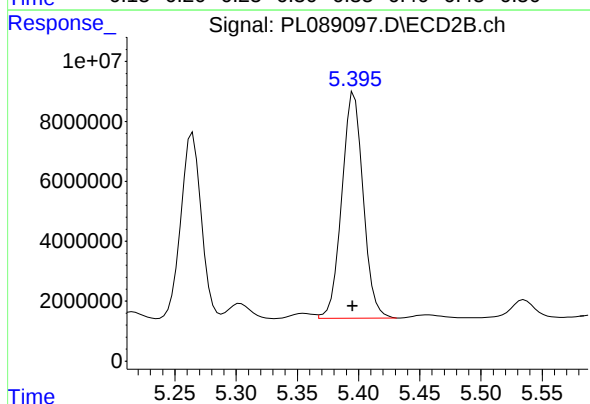
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 100063479
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

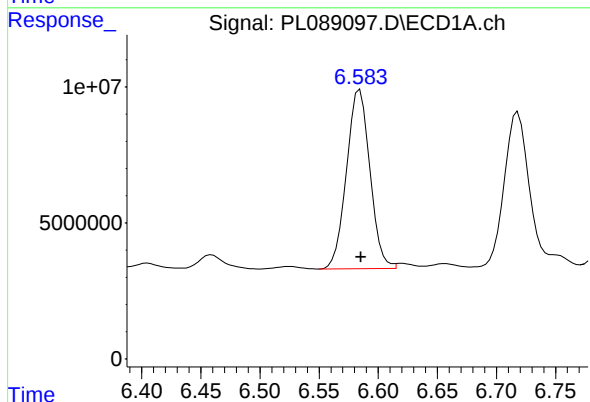
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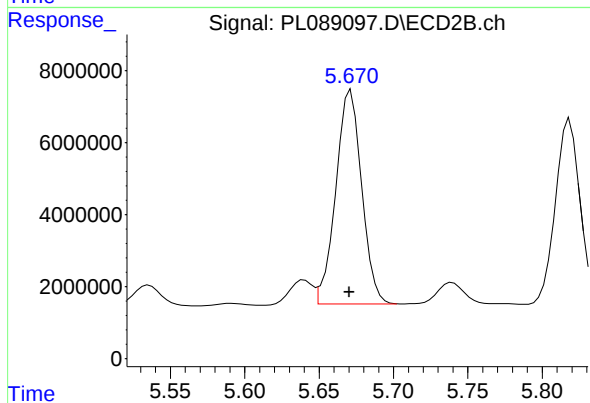
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 91265102
Conc: 55.83 ng/ml m



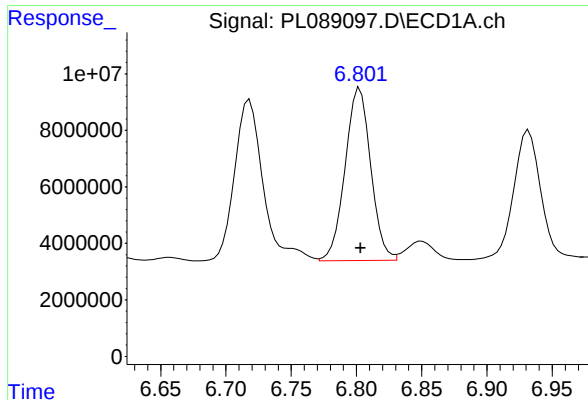
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 90650558
Conc: 48.23 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 71604374
Conc: 49.27 ng/ml m



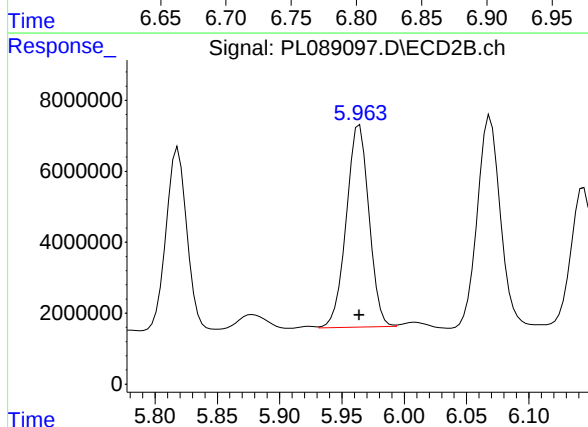
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 83345238
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

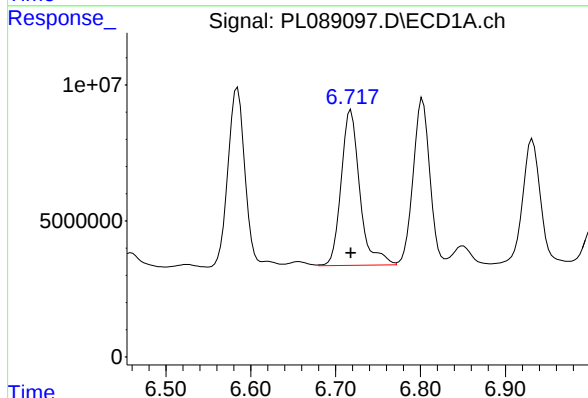
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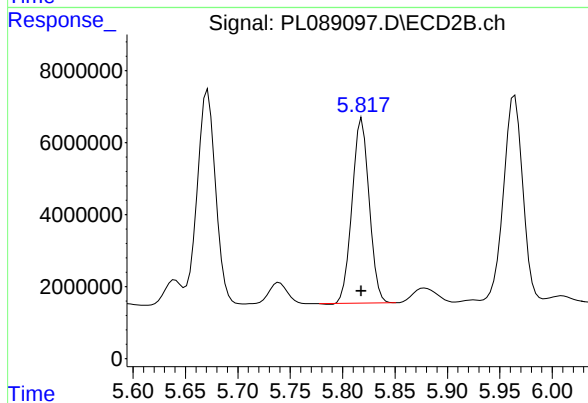
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 72089525
Conc: 50.42 ng/ml



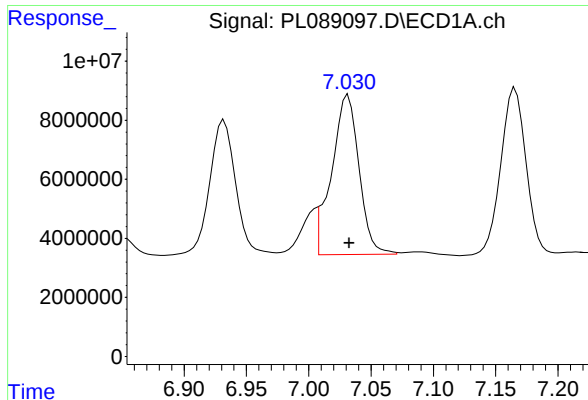
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 87694355
Conc: 54.40 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 58616398
Conc: 48.40 ng/ml



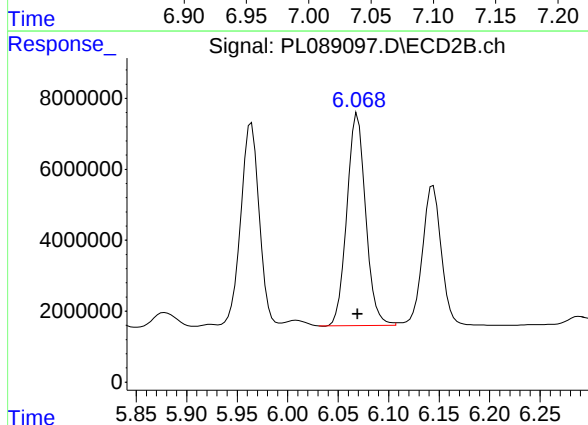
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 81476790
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

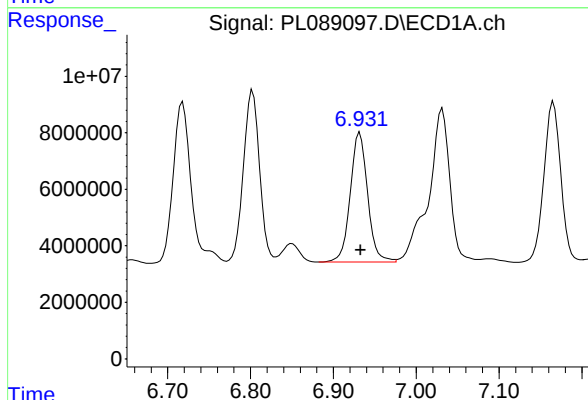
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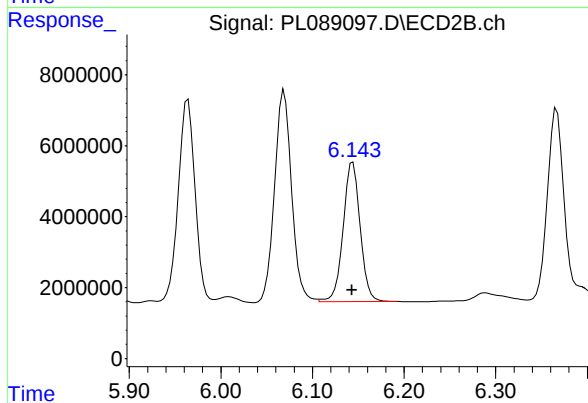
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 77396748
Conc: 59.05 ng/ml



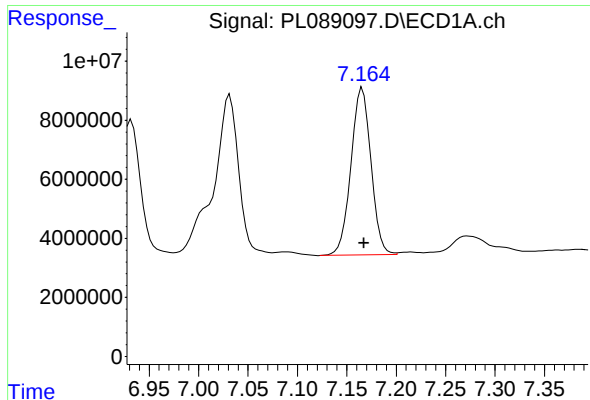
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 66922061
Conc: 45.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 50996959
Conc: 46.40 ng/ml



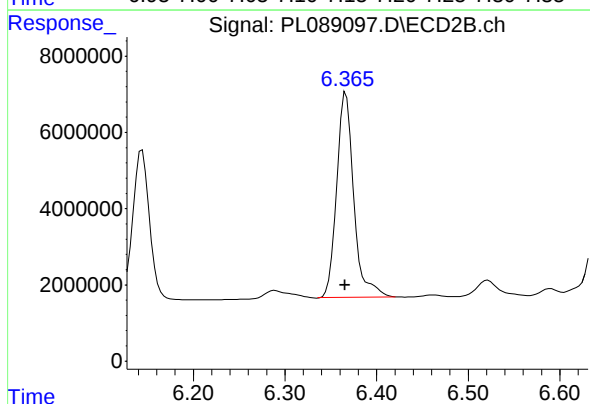
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 79926060
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

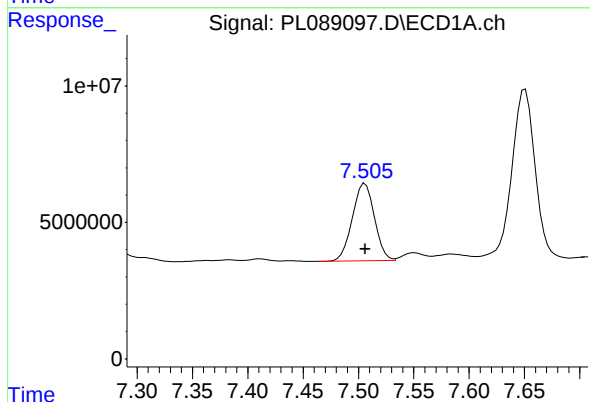
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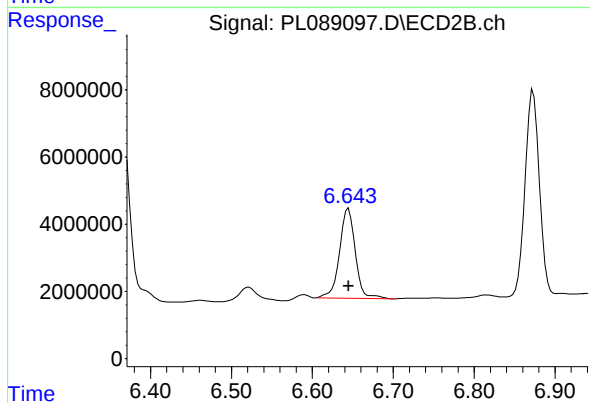
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 69847960
Conc: 51.67 ng/ml



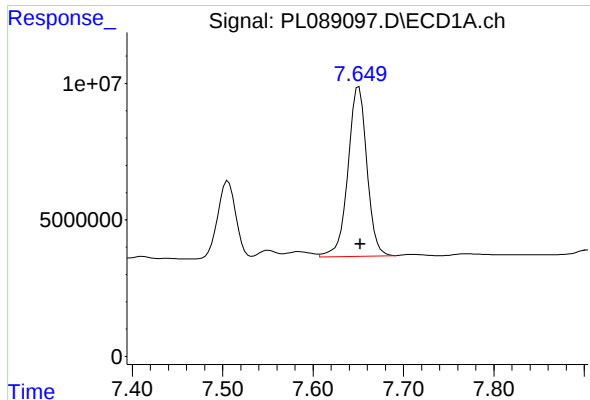
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 39464020
Conc: 44.79 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 36167269
Conc: 48.39 ng/ml



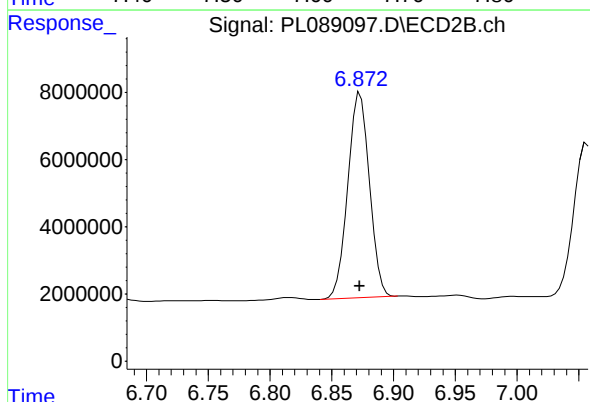
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 90618583
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

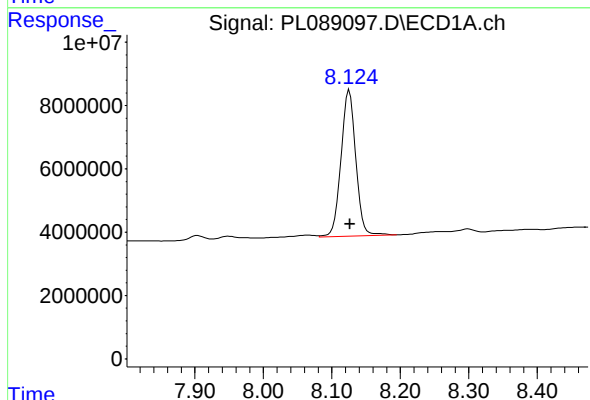
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2024
Supervised By :Ankita Jodhani 04/22/2024



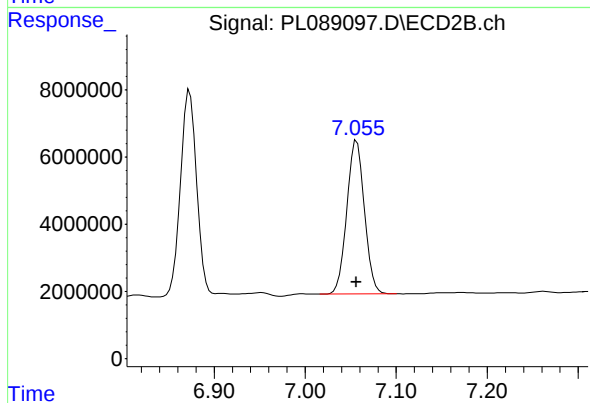
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 74548095
Conc: 47.10 ng/ml



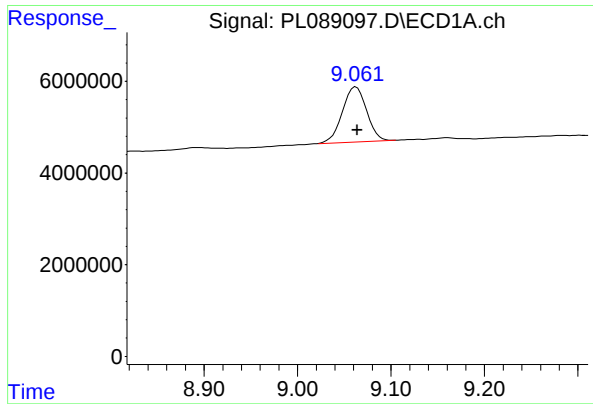
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 69029656
Conc: 47.00 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 61583469
Conc: 46.58 ng/ml



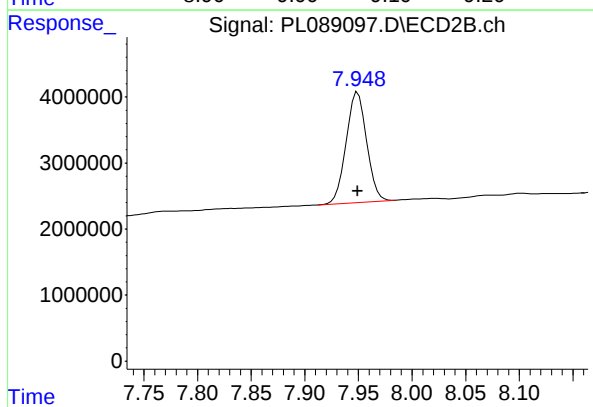
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 21638926
Conc: 16.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 22251689
Conc: 16.62 ng/ml