

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
 Data File : PL089096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2024 14:08
 Operator : AR\AJ
 Sample : P2189-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 YARD-2MS

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 00:42:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractions
 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	2.797	38438918	24076061	18.086	18.063
28) SA Decachlor...	9.062	7.950	21572265	22033503	16.936	16.454
Target Compounds						
2) A alpha-BHC	4.006	3.303	131.3E6	91623157	43.908	46.309
3) MA gamma-BHC...	4.337	3.634	119.3E6	88061498	41.356m	45.778
4) MA Heptachlor	4.928	3.976	106.4E6	84330477	42.772	46.927
5) MB Aldrin	5.271	4.257	108.1E6	85902039	41.664	46.828
6) B beta-BHC	4.532	3.931	54678822	39688976	40.748m	47.488
7) B delta-BHC	4.779	4.162	112.2E6	84838010	41.939m	46.467
8) B Heptachlo...	5.695	4.760	107.0E6	75565758	45.363	45.503
9) A Endosulfan I	6.081	5.131	94429768	67318037	43.183	44.791
10) B gamma-Chl...	5.951	5.011	119.7E6	88591237	52.049	54.004
11) B alpha-Chl...	6.030	5.074	100.9E6	80955899	44.054	48.954
12) B 4,4'-DDE	6.202	5.262	91376763	71185669	45.467	48.409m
13) MA Dieldrin	6.355	5.394	99449576	91581737	44.099	56.024m#
14) MA Endrin	6.584	5.670	90551192	72115633	48.182	49.620m
15) B Endosulfa...	6.802	5.964	82720946	71819124	42.944	50.235
16) A 4,4'-DDD	6.718	5.818	86975150	58160252	53.959	48.027
17) MA 4,4'-DDT	7.030	6.069	87361690	78173510	47.942m	59.640
18) B Endrin al...	6.933	6.144	66909879	50299147	45.716	45.770
19) B Endosulfa...	7.166	6.364	79915334	69973096	46.549	51.764m
20) A Methoxychlor	7.506	6.645	40231537	36565462	45.660	48.922
21) B Endrin ke...	7.651	6.873	90545211	74308157	46.951	46.949
22) Mirex	8.125	7.057	68717276	61473336	46.789	46.496

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 14:08
Operator : AR\AJ
Sample : P2189-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

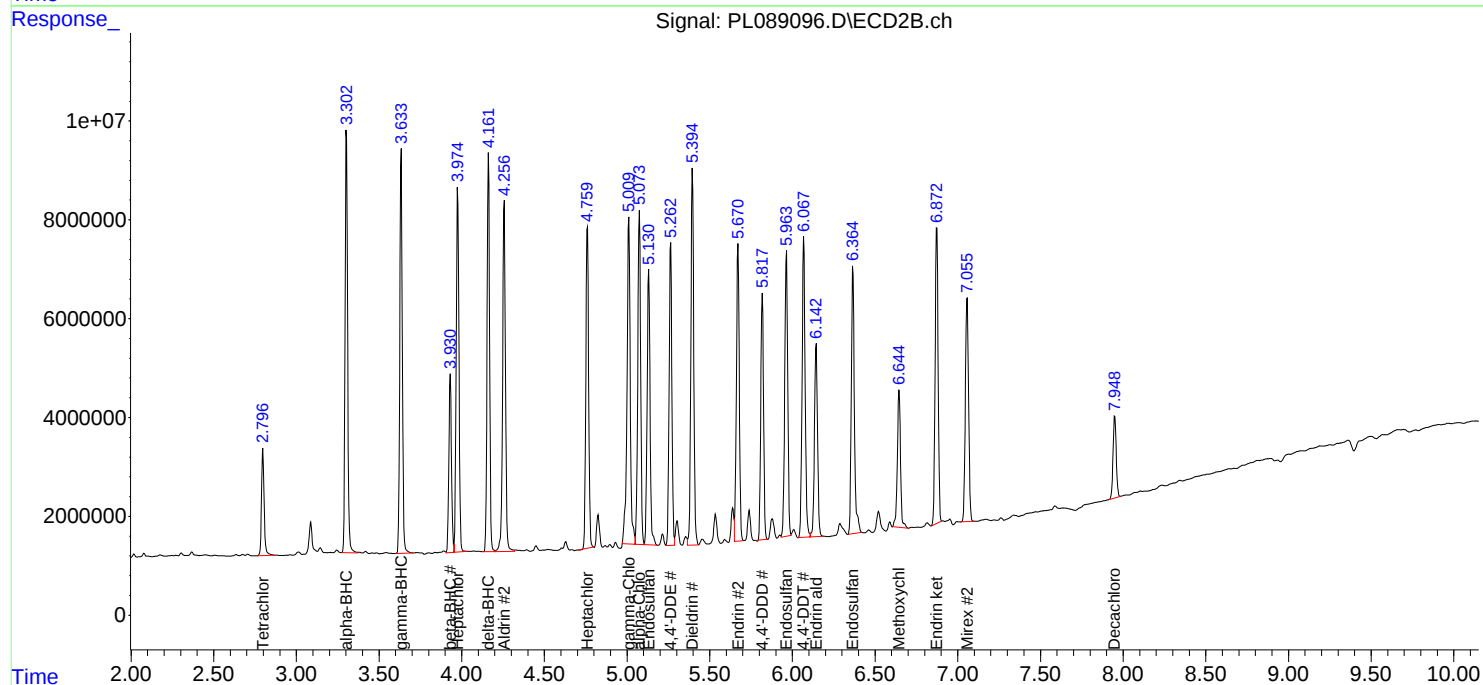
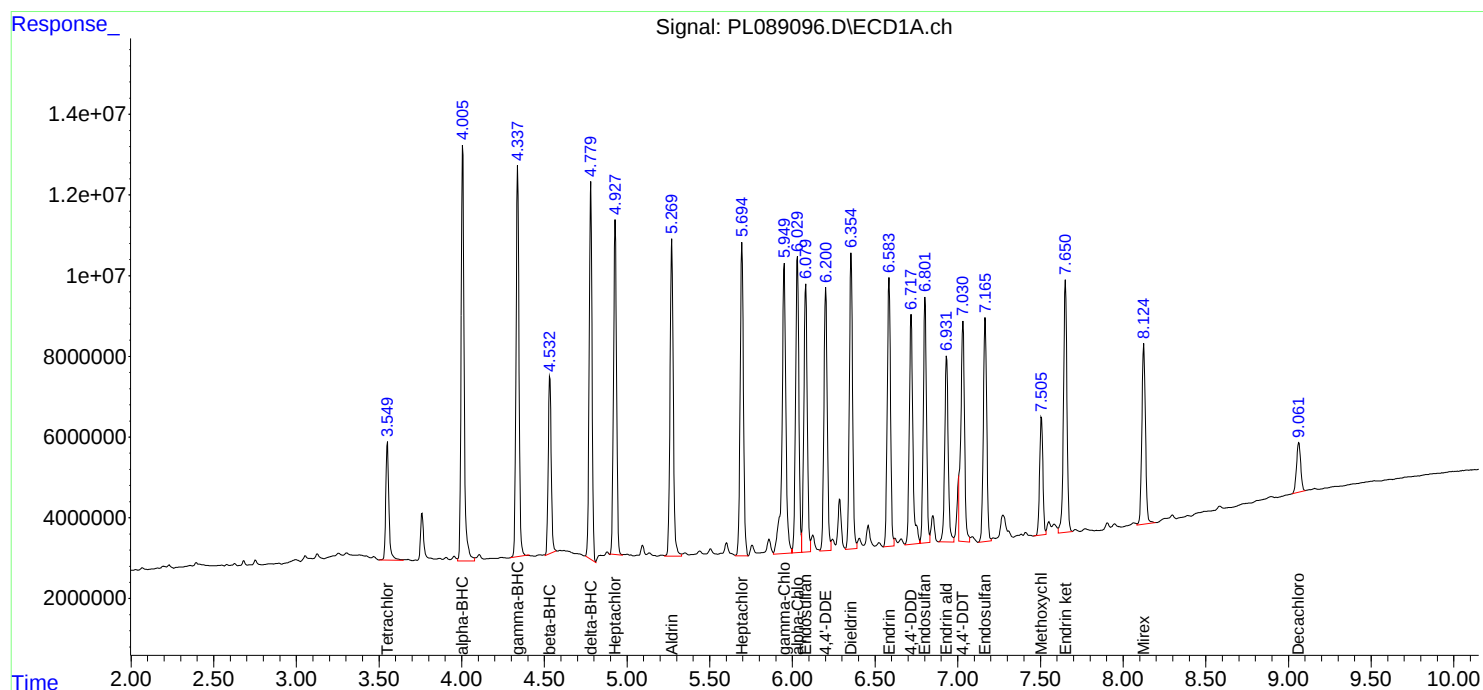
Instrument :
ECD_L
ClientSampleId :
YARD-2MS

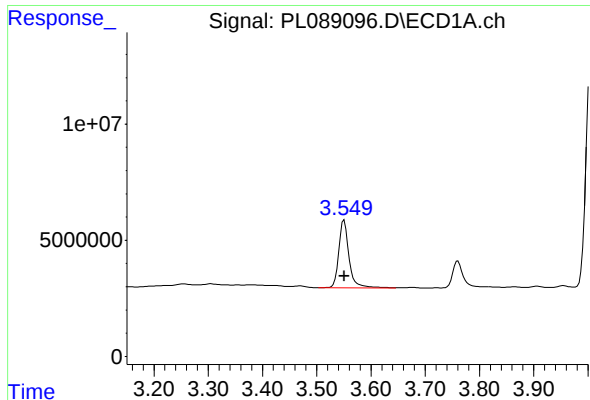
Manual Integrations
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Supervised By : Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 00:42:00 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





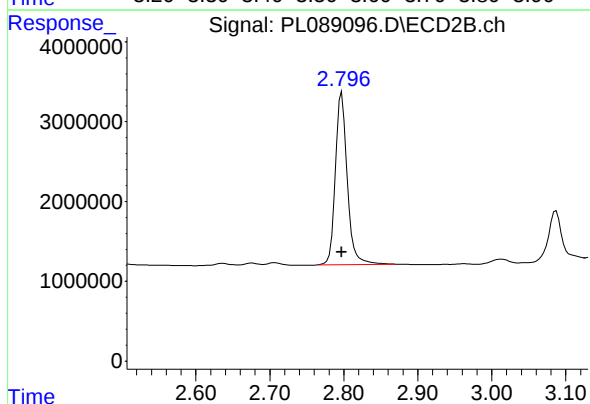
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 38438918
Conc: 18.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

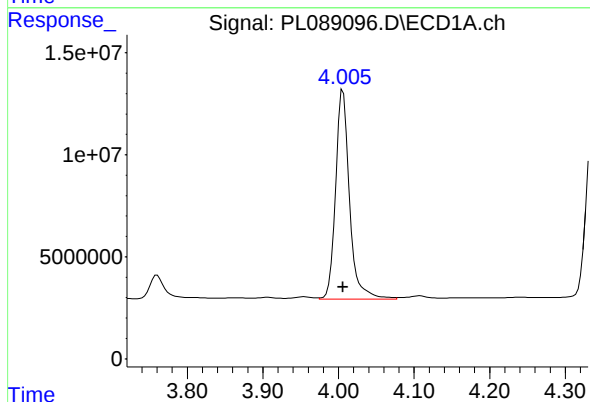
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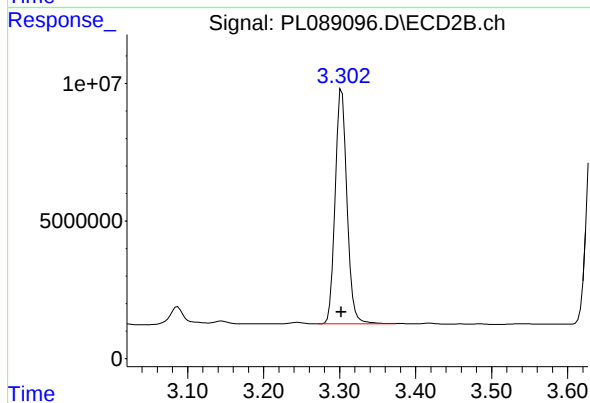
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 24076061
Conc: 18.06 ng/ml



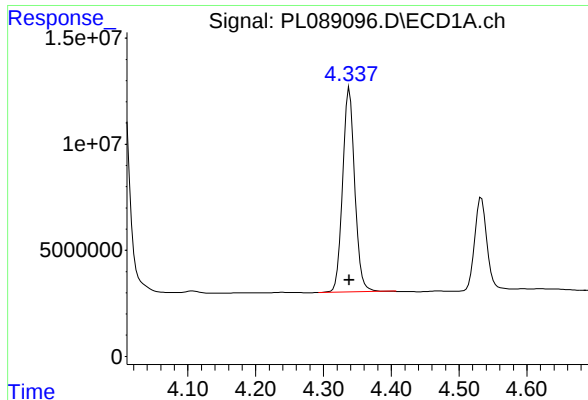
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 131286867
Conc: 43.91 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 91623157
Conc: 46.31 ng/ml



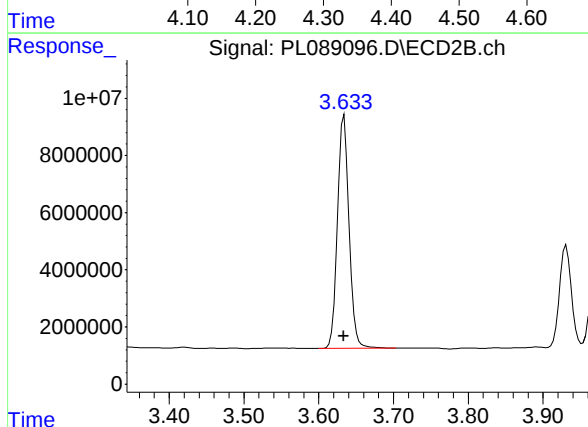
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 119319350
Conc: 41.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

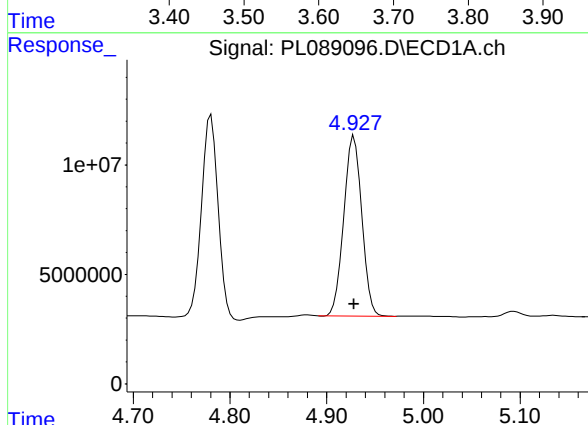
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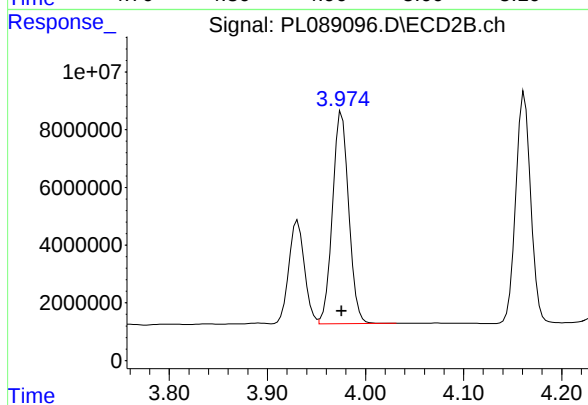
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 88061498
Conc: 45.78 ng/ml



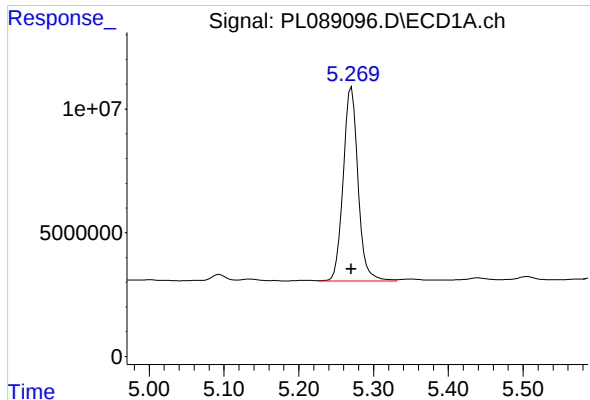
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 106425018
Conc: 42.77 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 84330477
Conc: 46.93 ng/ml



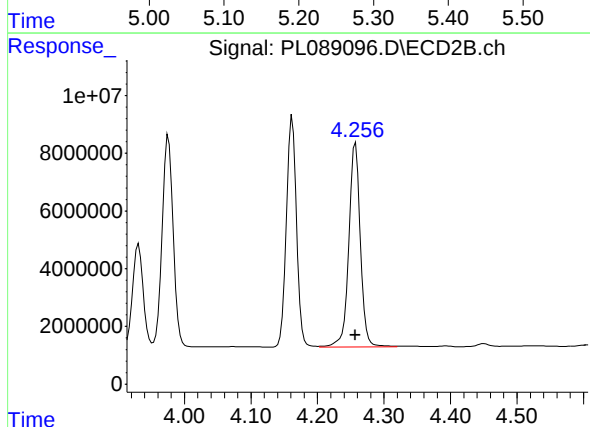
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 108141016
Conc: 41.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

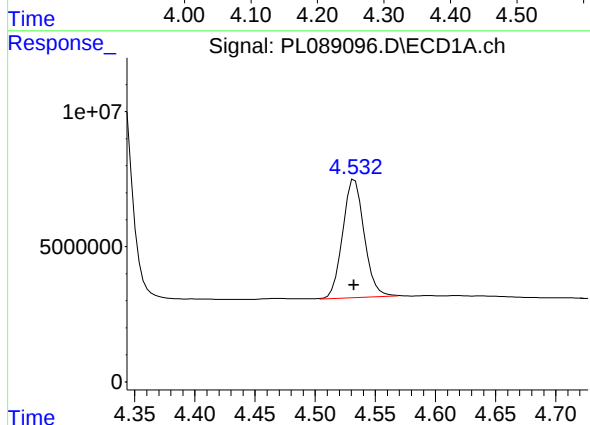
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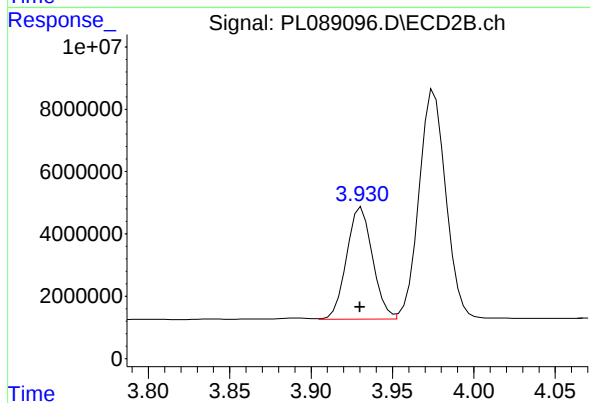
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 85902039
Conc: 46.83 ng/ml



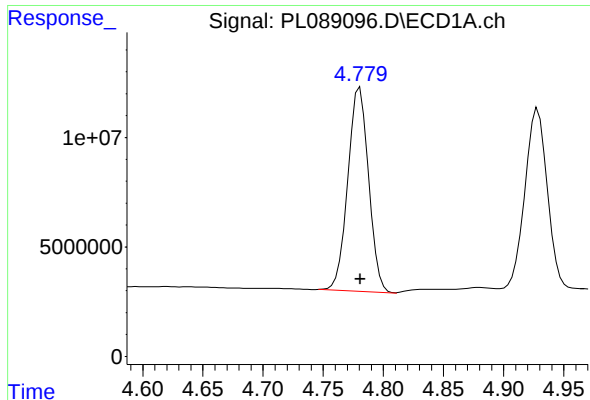
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 54678822
Conc: 40.75 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 39688976
Conc: 47.49 ng/ml



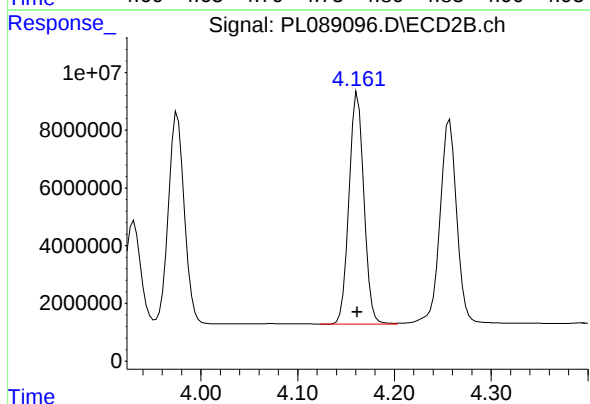
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 112155025
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

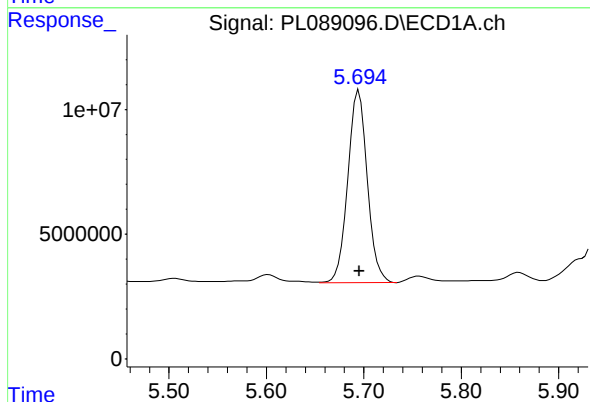
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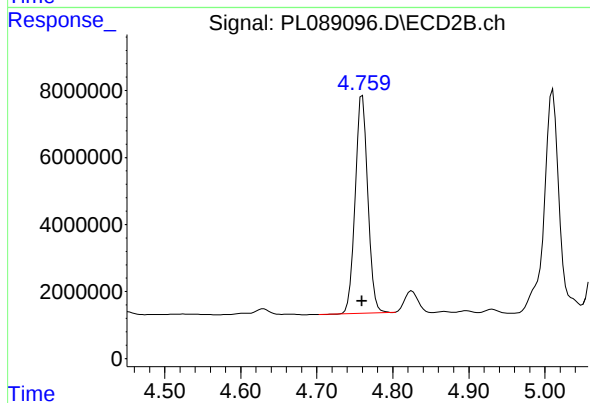
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 84838010
Conc: 46.47 ng/ml



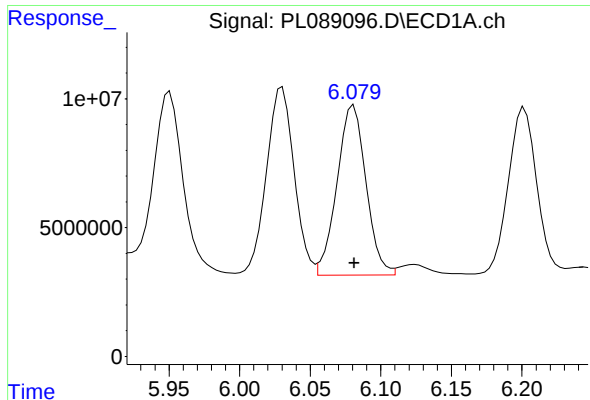
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 107039690
Conc: 45.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 75565758
Conc: 45.50 ng/ml



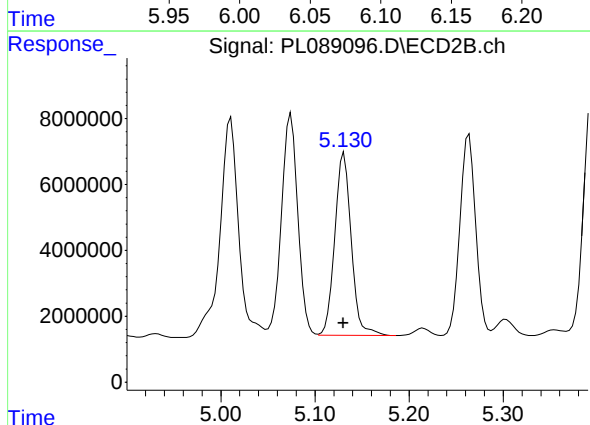
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 94429768
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

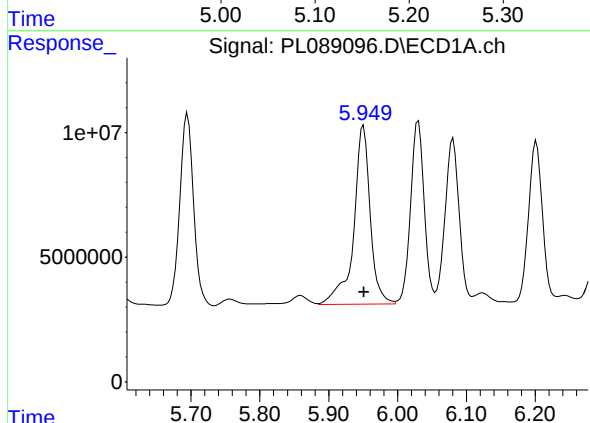
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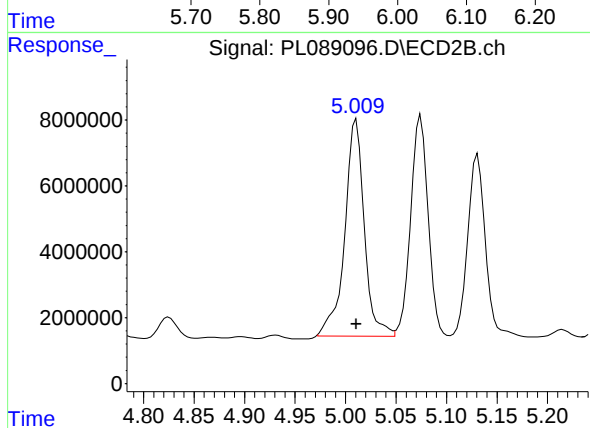
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 67318037
Conc: 44.79 ng/ml



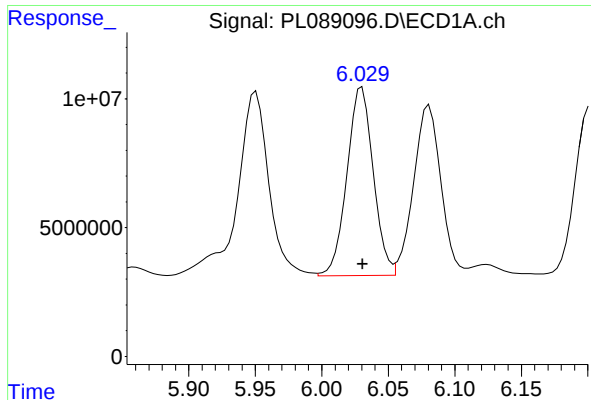
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 119651418
Conc: 52.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 88591237
Conc: 54.00 ng/ml



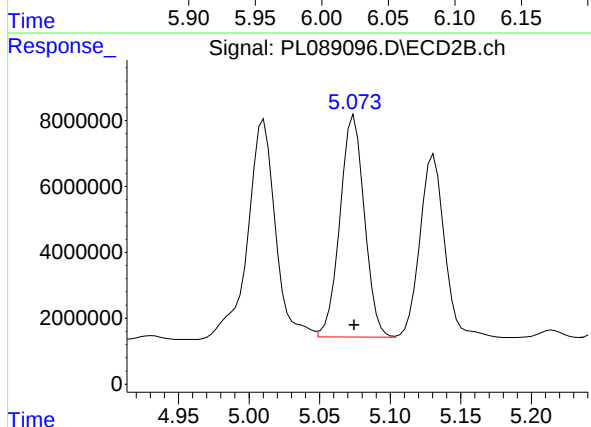
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 100855541
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

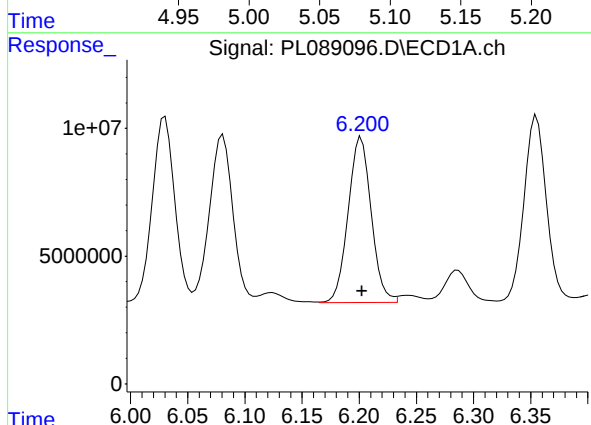
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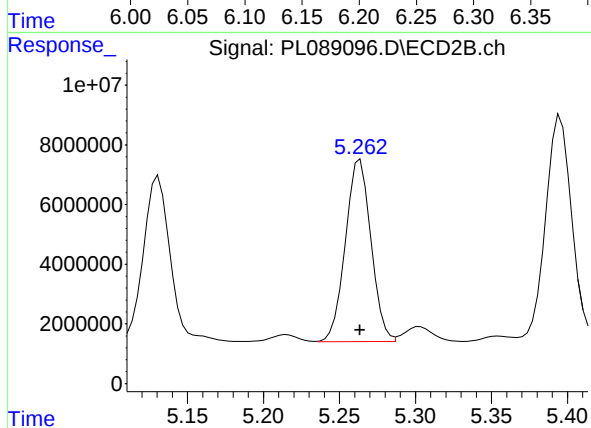
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 80955899
Conc: 48.95 ng/ml



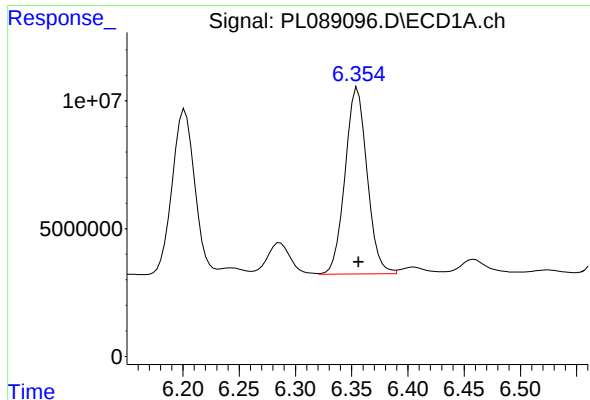
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 91376763
Conc: 45.47 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 71185669
Conc: 48.41 ng/ml m



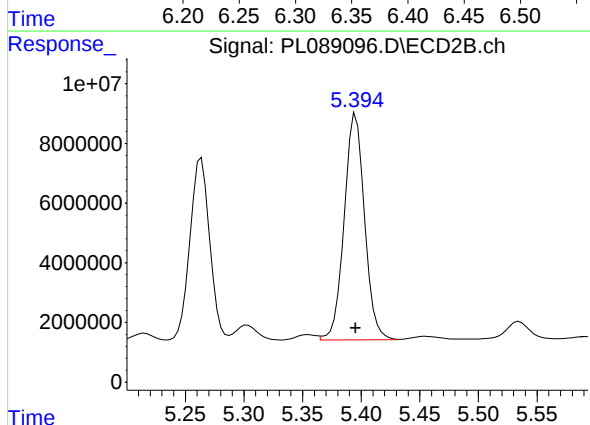
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 99449576
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

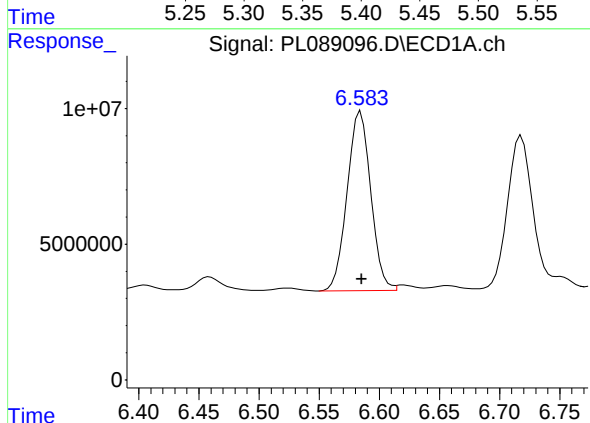
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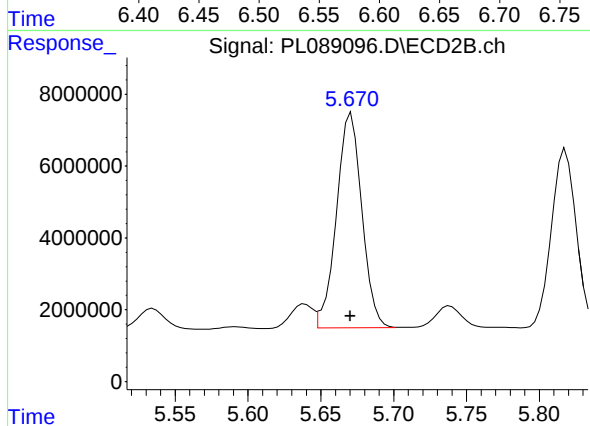
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: -0.001 min
Response: 91581737
Conc: 56.02 ng/ml m



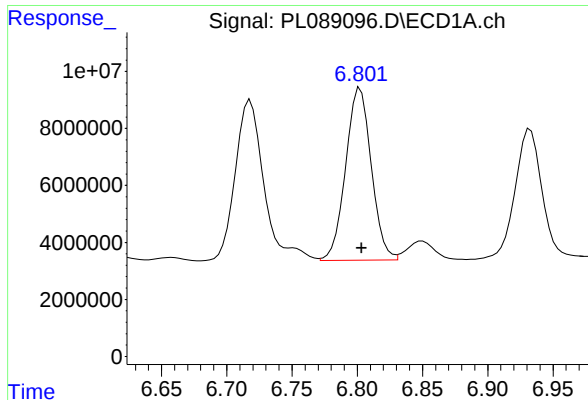
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 90551192
Conc: 48.18 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 72115633
Conc: 49.62 ng/ml m



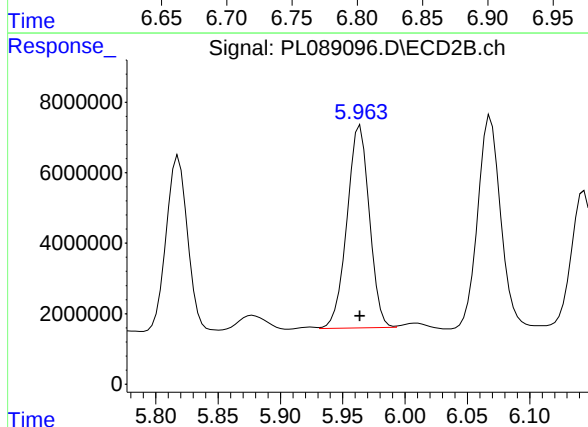
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: -0.001 min
Response: 82720946
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

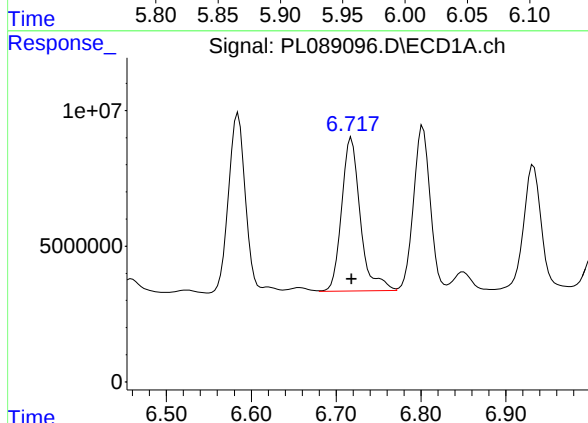
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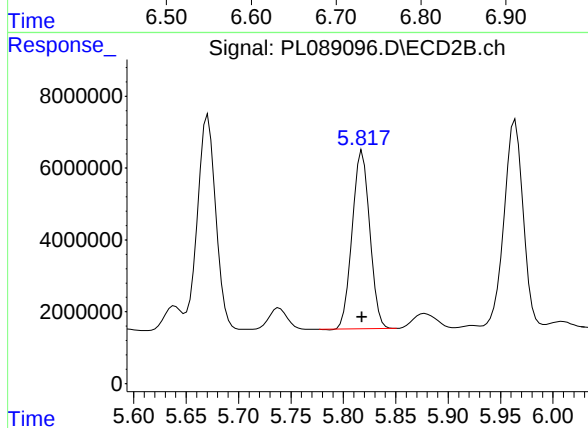
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 71819124
Conc: 50.24 ng/ml



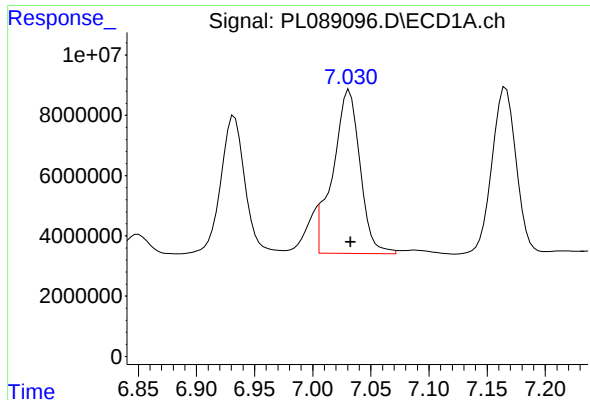
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 86975150
Conc: 53.96 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 58160252
Conc: 48.03 ng/ml



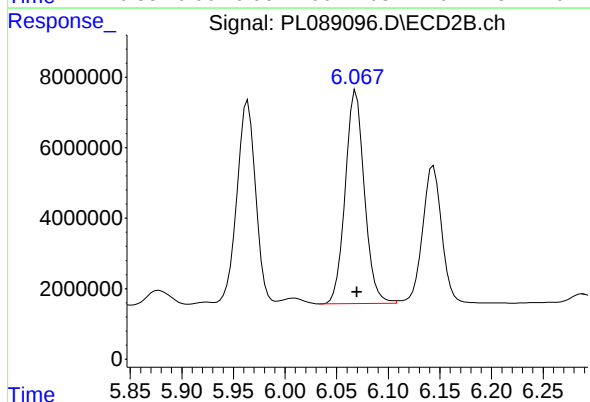
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: -0.003 min
Response: 87361690
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

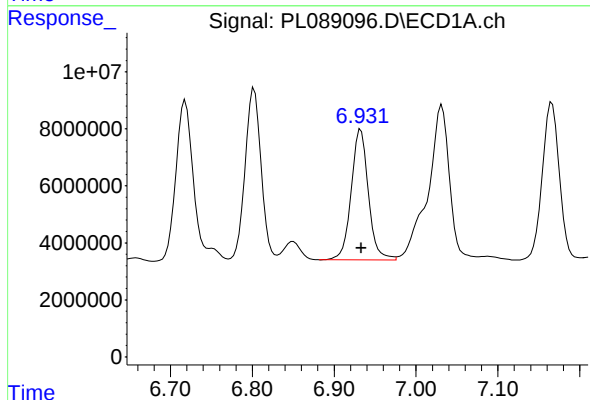
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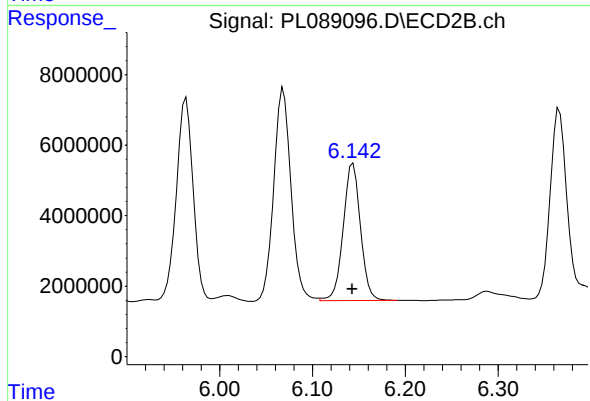
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 78173510
Conc: 59.64 ng/ml



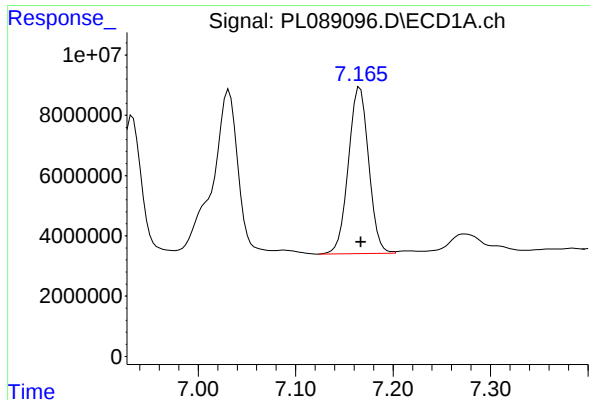
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 66909879
Conc: 45.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 50299147
Conc: 45.77 ng/ml



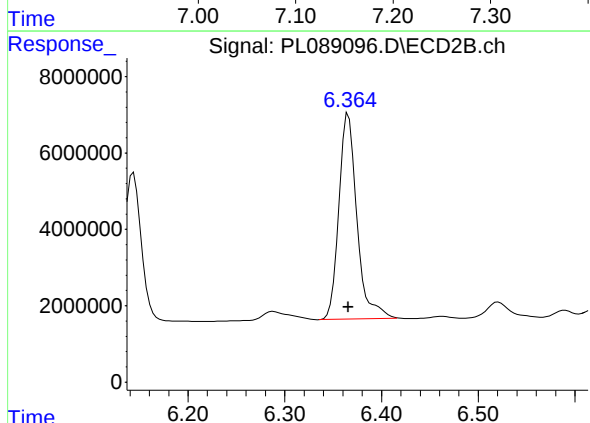
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 79915334
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

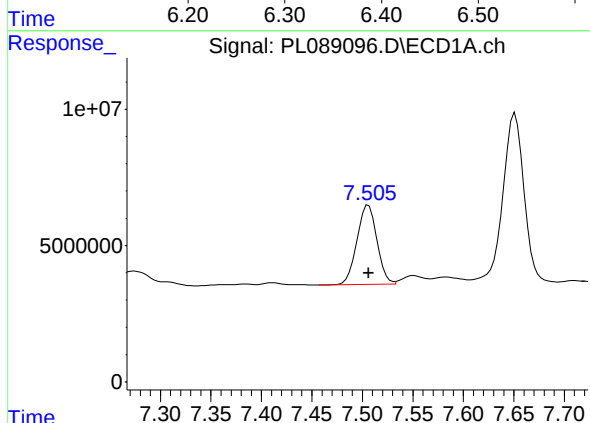
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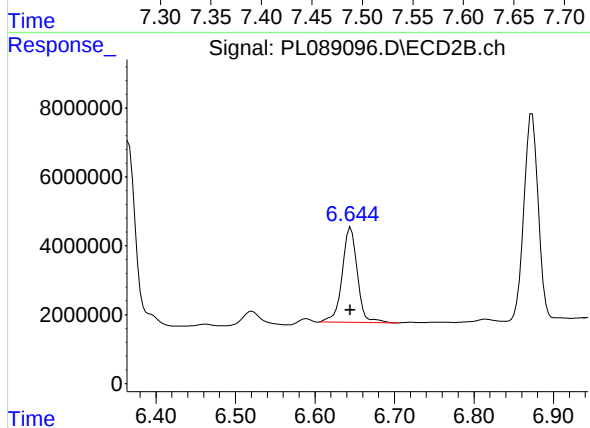
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.001 min
Response: 69973096
Conc: 51.76 ng/ml m



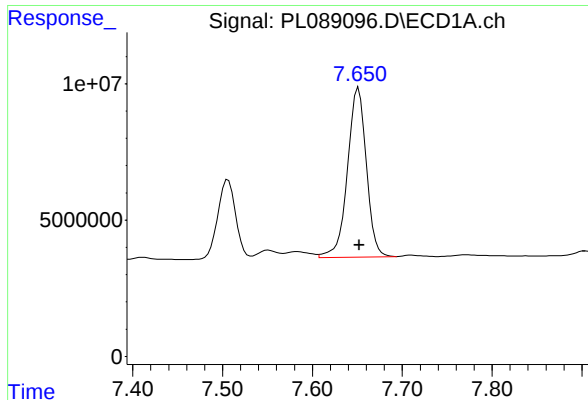
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 40231537
Conc: 45.66 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 36565462
Conc: 48.92 ng/ml



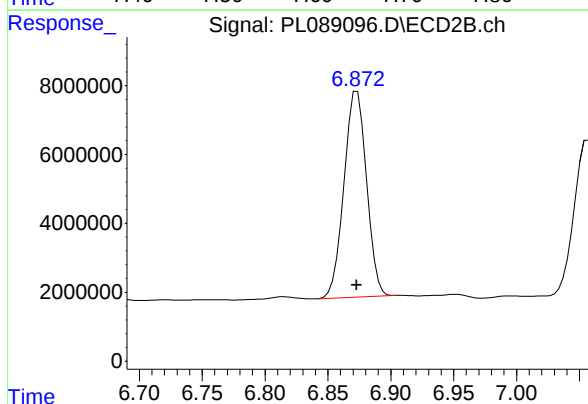
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 90545211
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

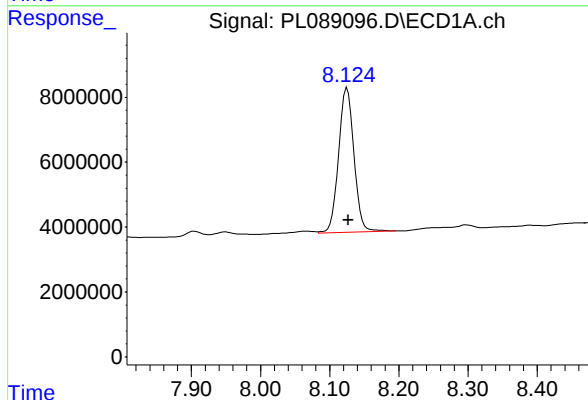
Manual Integrations
APPROVED

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



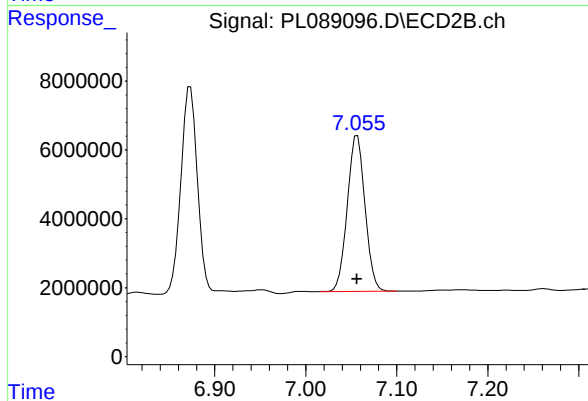
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 74308157
Conc: 46.95 ng/ml



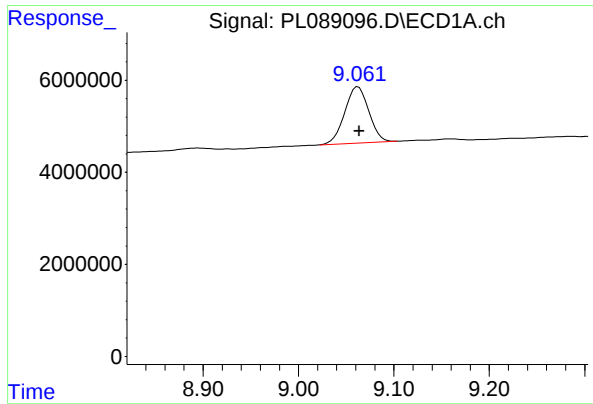
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.001 min
Response: 68717276
Conc: 46.79 ng/ml



#22 Mirex

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 61473336
Conc: 46.50 ng/ml



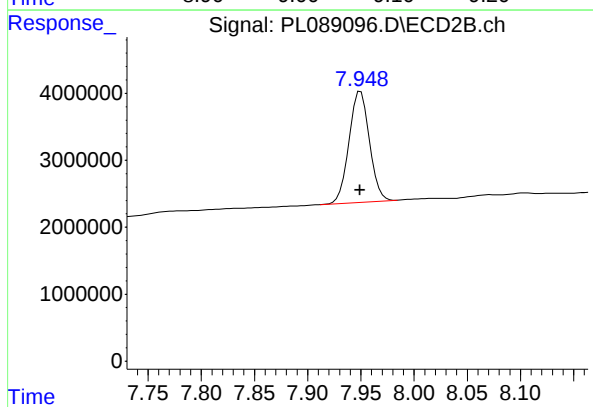
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 21572265
Conc: 16.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
YARD-2MS

Manual Integrations
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Supervised By :Ankita Jodhani 04/22/2024



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 22033503
Conc: 16.45 ng/ml