

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
 Data File : PL083848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 19:59
 Operator : AR\AJ
 Sample : 03555-05MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-369MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/13/2023
 Supervised By : Ankita Jodhani 07/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 02:06:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 14:26:23 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...	3.473	2.687	33828650	20908432	16.915m	18.827
2) SA Decachlor...	9.015	7.869	18169822	20095328	13.959m	18.086 #
Target Compounds						
2) A alpha-BHC	3.932	3.192	152.1E6	86317783	51.929	53.685
3) MA gamma-BHC...	4.264	3.523	141.9E6	97005749	50.229m	63.791 #
4) MA Heptachlor	4.858	3.864	151.7E6	69050935	55.826	58.593
5) MB Aldrin	5.200	4.145	139.4E6	76039001	48.677	50.429
6) B beta-BHC	4.464	3.824	61118361	35188710	50.939	53.311
7) B delta-BHC	4.711	4.053	142.1E6	80354308	53.302	53.122
8) B Heptachlo...	5.630	4.651	135.4E6	66212634	50.706	51.560
9) A Endosulfan I	6.015	5.023	106.5E6	42570623	44.980	34.708m
10) B gamma-Chl...	5.885	4.904	126.5E6	72893291	48.987m	54.718
11) B alpha-Chl...	5.966	4.968	119.5E6	68031597	47.007	50.501
12) B 4,4'-DDE	6.146	5.167	86601720	66140880	43.043	53.845 #
13) MA Dieldrin	6.292	5.290	107.8E6	79952302	45.099	61.391 #
14) MA Endrin	6.520	5.563	88886586	62076896	46.674	56.472
15) B Endosulfa...	6.741	5.862	77765723	59912096	41.490	52.127 #
16) A 4,4'-DDD	6.663	5.724	93058469	48390880	63.368	50.442
17) MA 4,4'-DDT	6.979	5.976	99292014	56858528	62.260	62.427
18) B Endrin al...	6.872	6.042	64843265	48122009	44.259	53.532
19) B Endosulfa...	7.107	6.267	81874169	63228199	47.362	57.531
20) A Methoxychlor	7.459	6.566	44605802	45125402	57.025m	94.160m#
21) B Endrin ke...	7.591	6.770	81205078	56327889	46.338	43.594m
22) Mirex	8.067	6.952	57225763	39661385	39.991m	38.858m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
Data File : PL083848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2023 19:59
Operator : AR\AJ
Sample : 03555-05MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

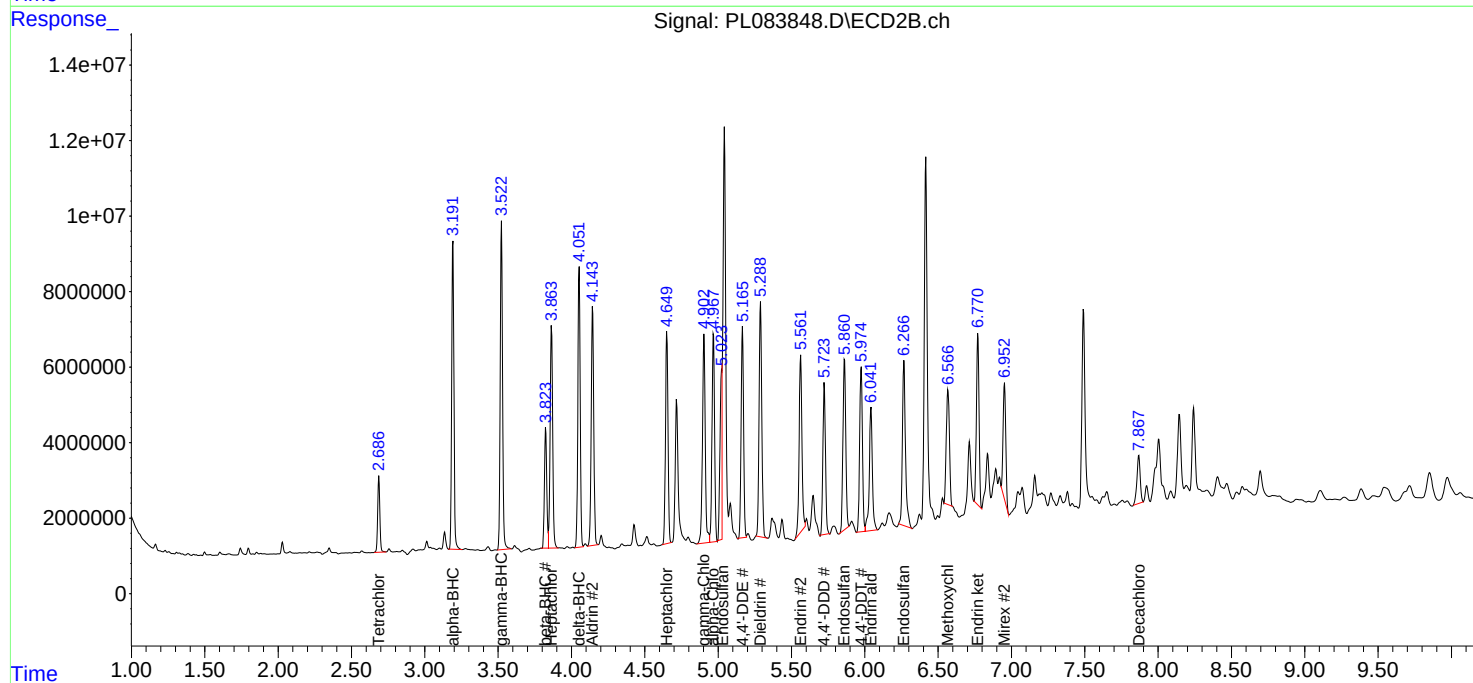
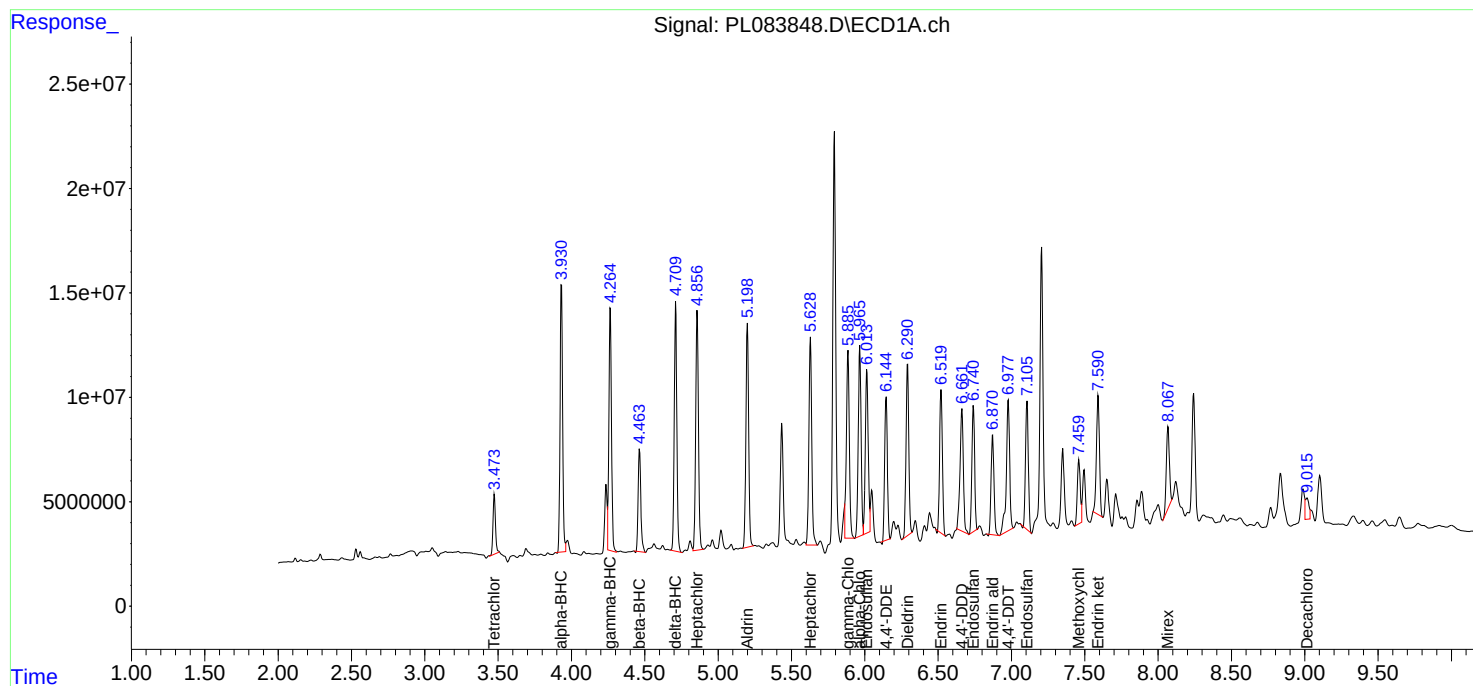
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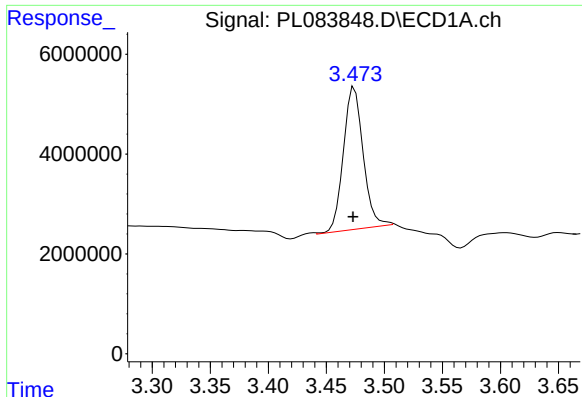
Reviewed By :Abdul Mirza 07/13/2023

Supervised By :Ankita Jodhani 07/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 13 02:06:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Wed Jul 12 14:26:23 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





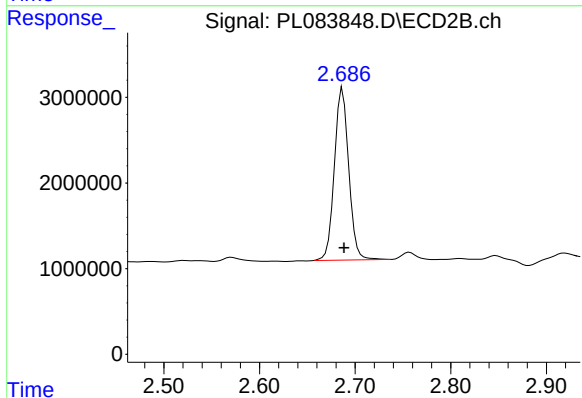
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 33828650
Conc: 16.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

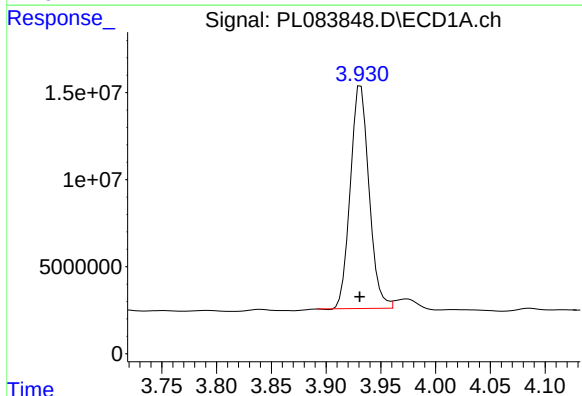
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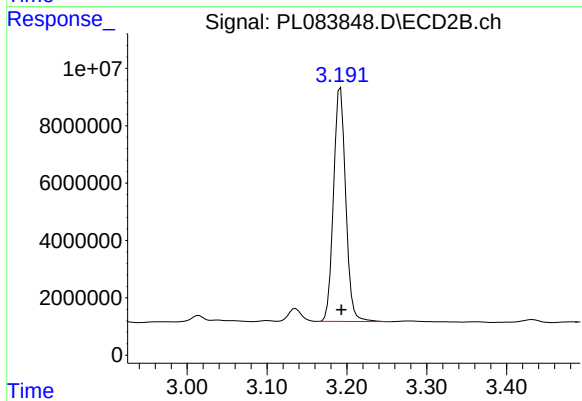
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 20908432
Conc: 18.83 ng/ml



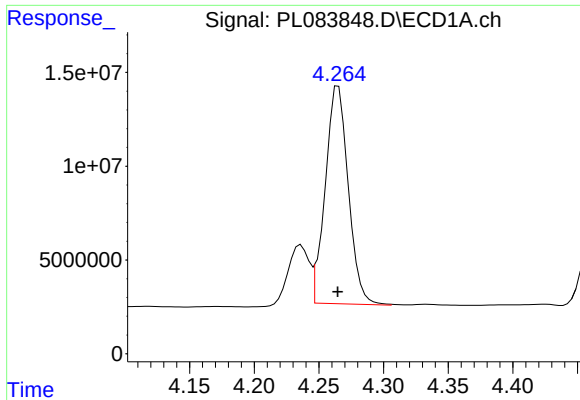
#2 alpha-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 152142087
Conc: 51.93 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: -0.001 min
Response: 86317783
Conc: 53.68 ng/ml



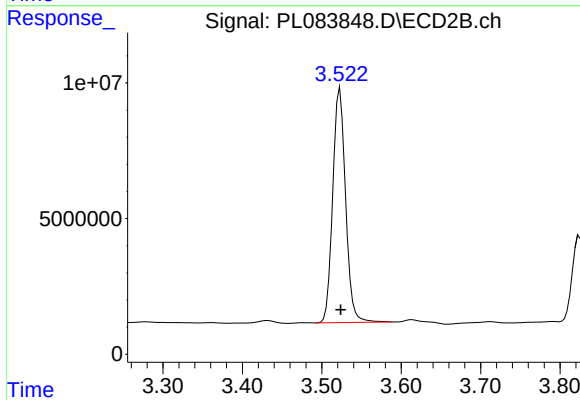
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 141912589
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

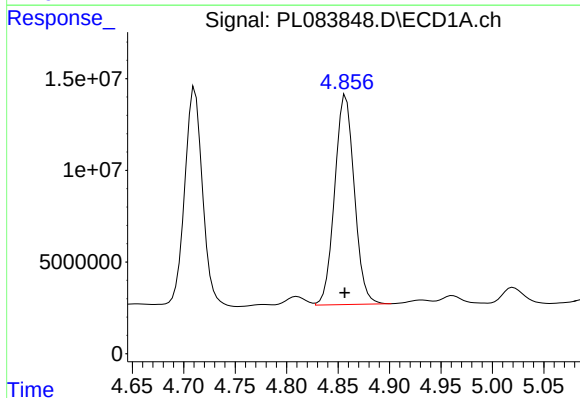
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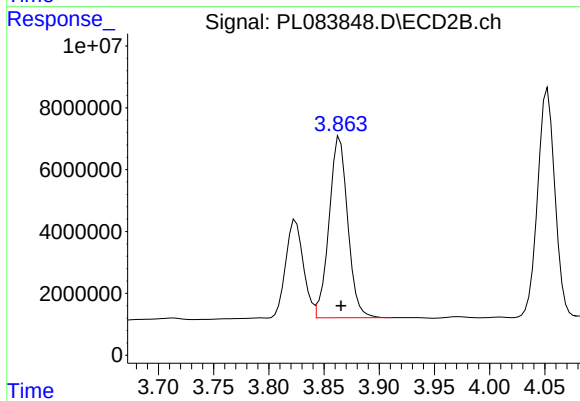
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 97005749
Conc: 63.79 ng/ml



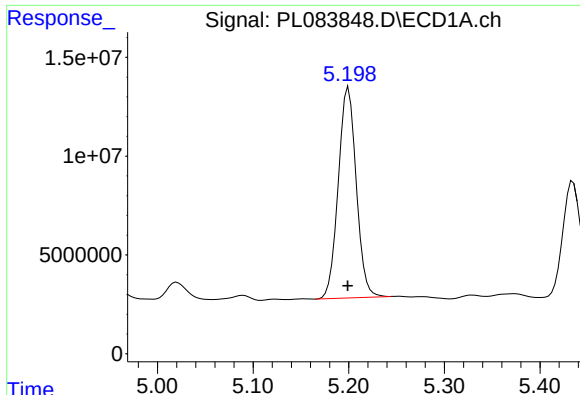
#4 Heptachlor

R.T.: 4.858 min
Delta R.T.: 0.001 min
Response: 151711265
Conc: 55.83 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: -0.001 min
Response: 69050935
Conc: 58.59 ng/ml



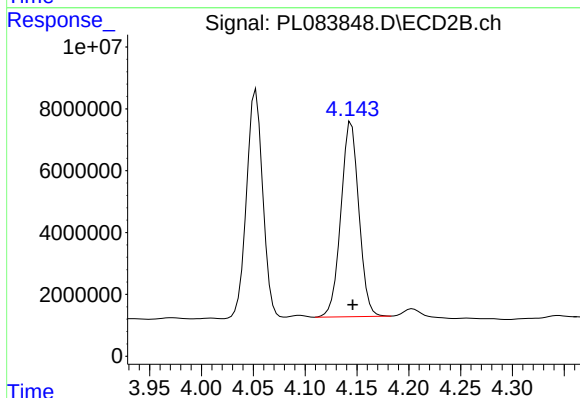
#5 Aldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 139421841
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

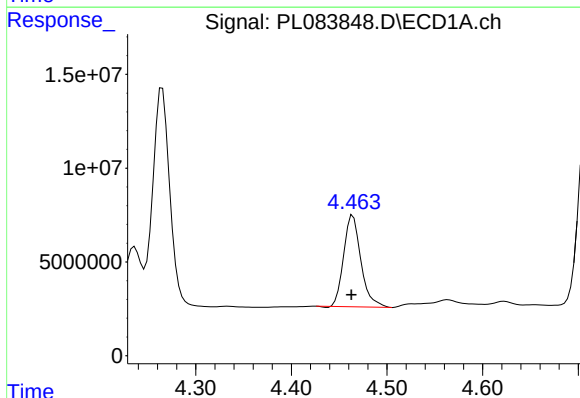
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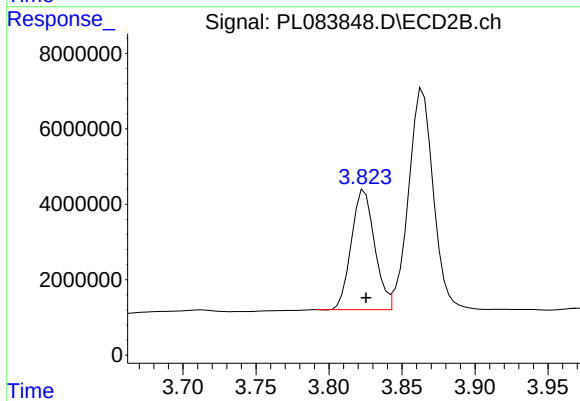
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: -0.001 min
Response: 76039001
Conc: 50.43 ng/ml



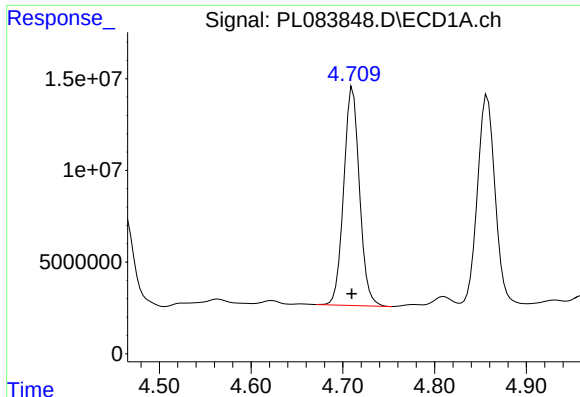
#6 beta-BHC

R.T.: 4.464 min
Delta R.T.: 0.002 min
Response: 61118361
Conc: 50.94 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: -0.001 min
Response: 35188710
Conc: 53.31 ng/ml



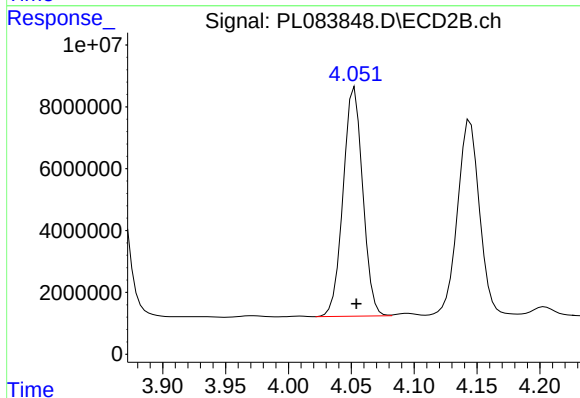
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: 0.001 min
Response: 142092381
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

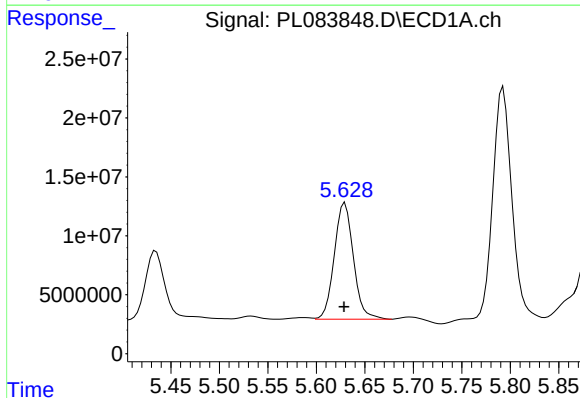
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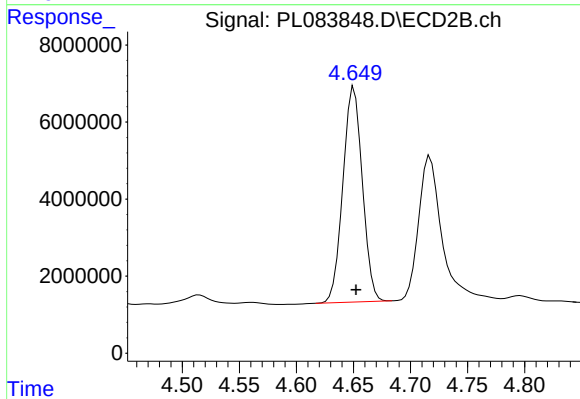
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: -0.001 min
Response: 80354308
Conc: 53.12 ng/ml



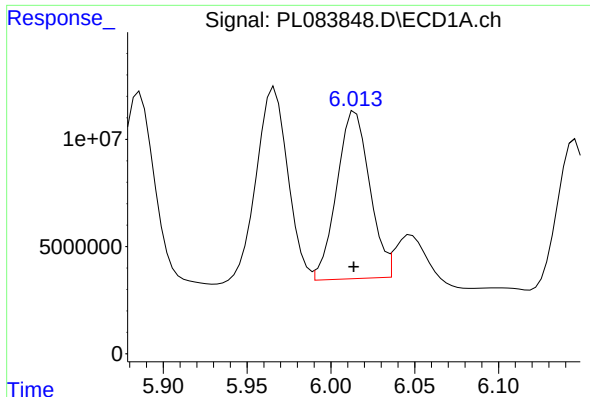
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 135365307
Conc: 50.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 66212634
Conc: 51.56 ng/ml



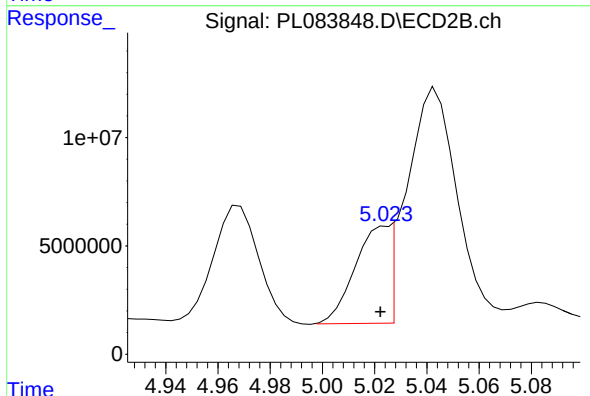
#9 Endosulfan I

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 106521724
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

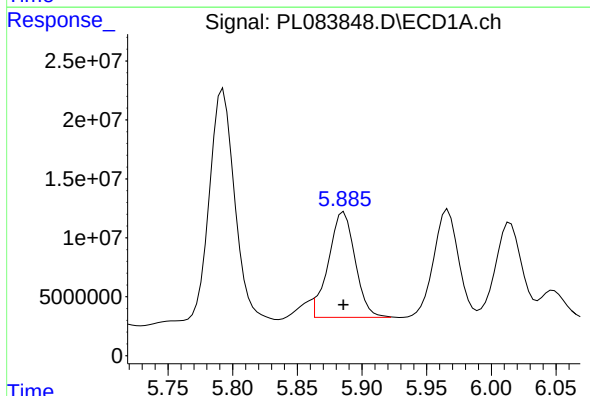
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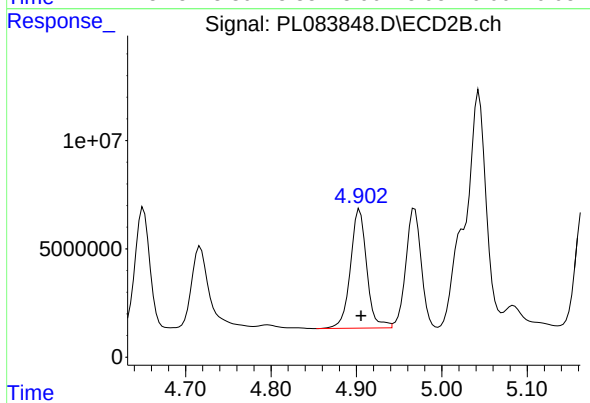
#9 Endosulfan I

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 42570623
Conc: 34.71 ng/ml m



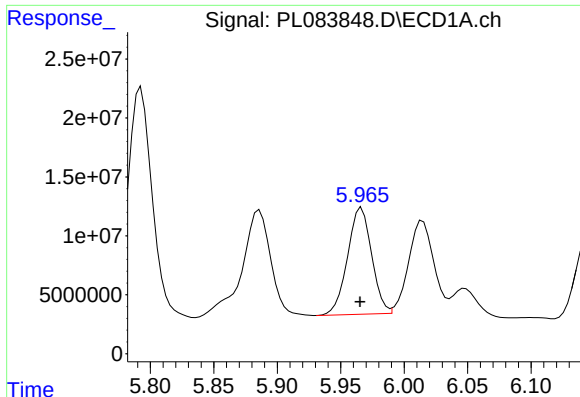
#10 gamma-Chlordane

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 126480588
Conc: 48.99 ng/ml m



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 72893291
Conc: 54.72 ng/ml



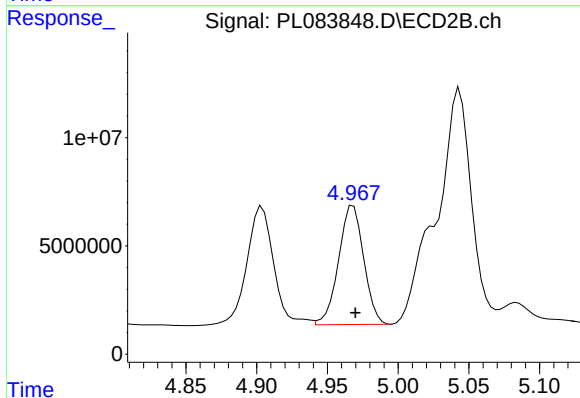
#11 alpha-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.001 min
Response: 119494080
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

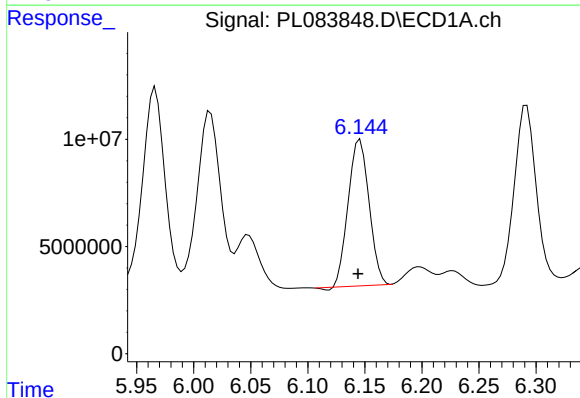
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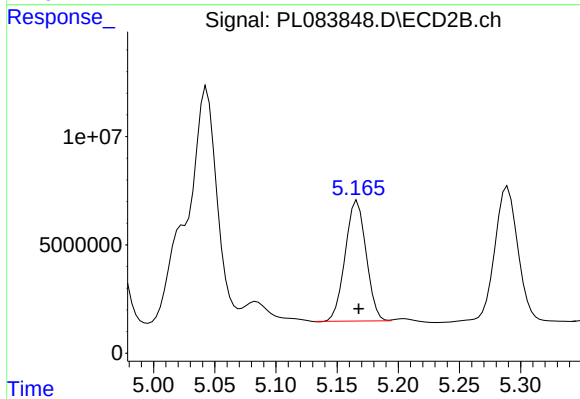
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.001 min
Response: 68031597
Conc: 50.50 ng/ml



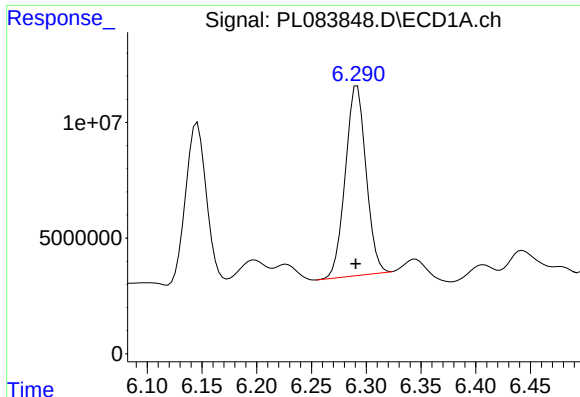
#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 86601720
Conc: 43.04 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 66140880
Conc: 53.85 ng/ml



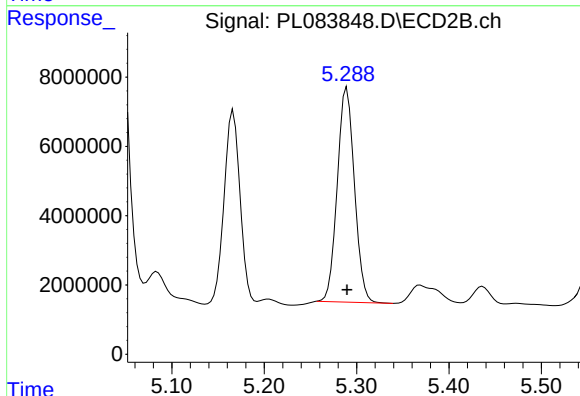
#13 Dieldrin

R.T.: 6.292 min
Delta R.T.: 0.001 min
Response: 107767434
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

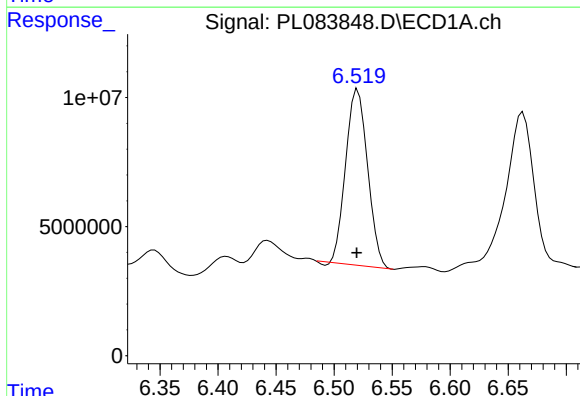
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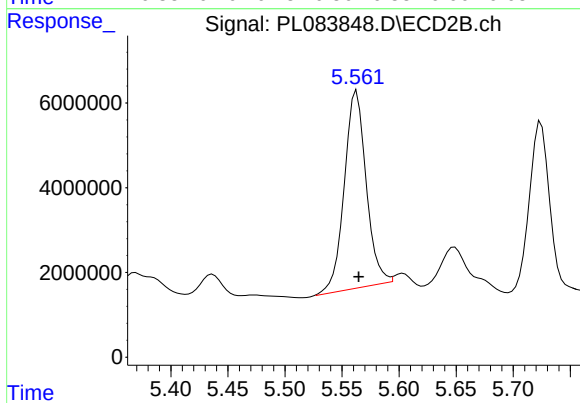
#13 Dieldrin

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 79952302
Conc: 61.39 ng/ml



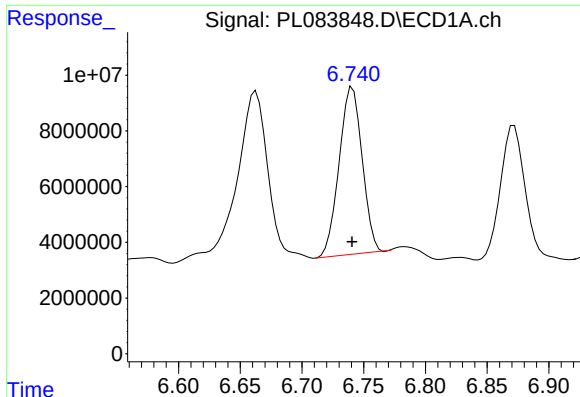
#14 Endrin

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 88886586
Conc: 46.67 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 62076896
Conc: 56.47 ng/ml



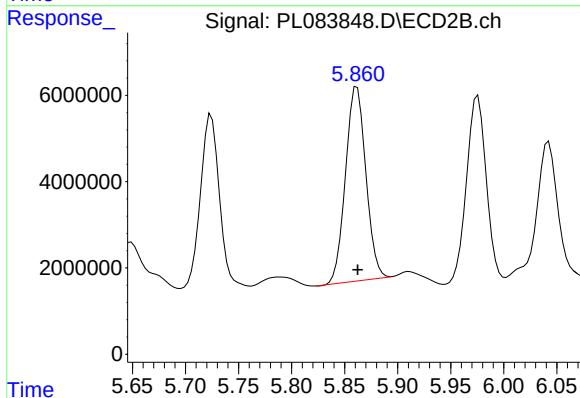
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 77765723
Conc: 41.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

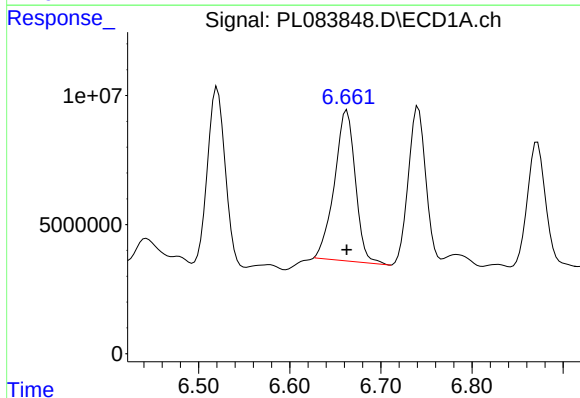
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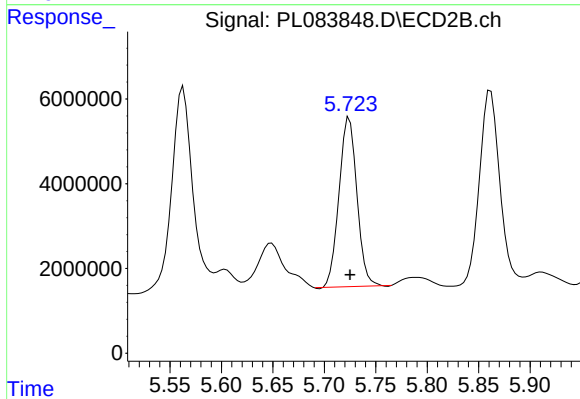
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 59912096
Conc: 52.13 ng/ml



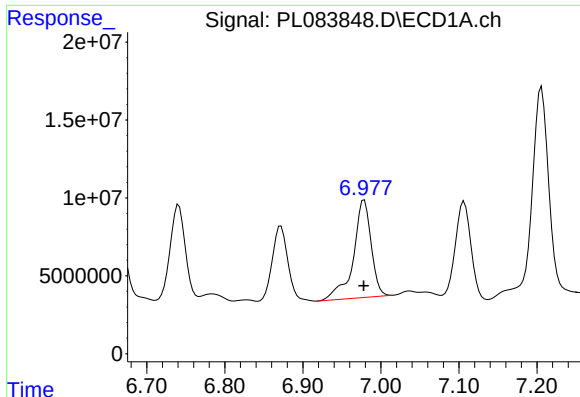
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 93058469
Conc: 63.37 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 48390880
Conc: 50.44 ng/ml



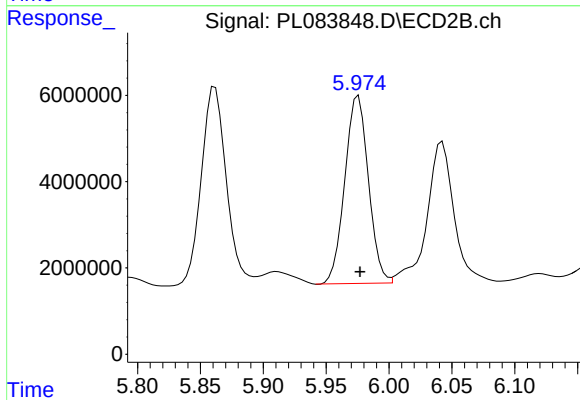
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 99292014
Conc: 62.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

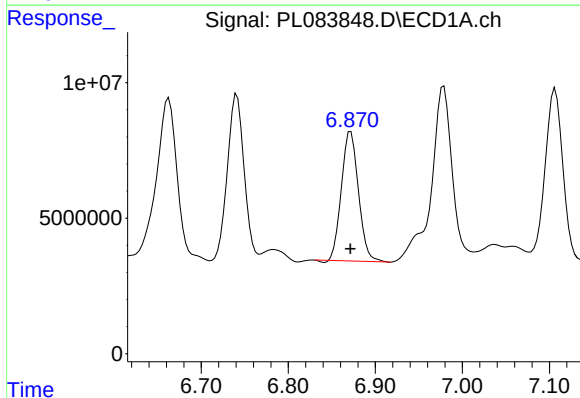
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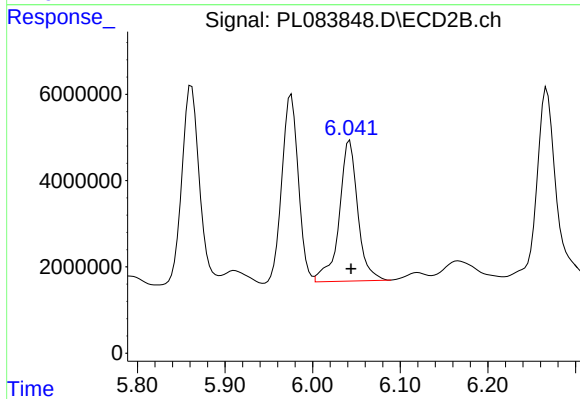
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: -0.001 min
Response: 56858528
Conc: 62.43 ng/ml



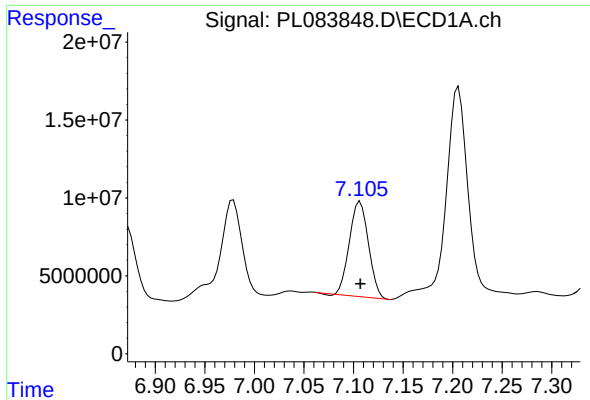
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 64843265
Conc: 44.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 48122009
Conc: 53.53 ng/ml



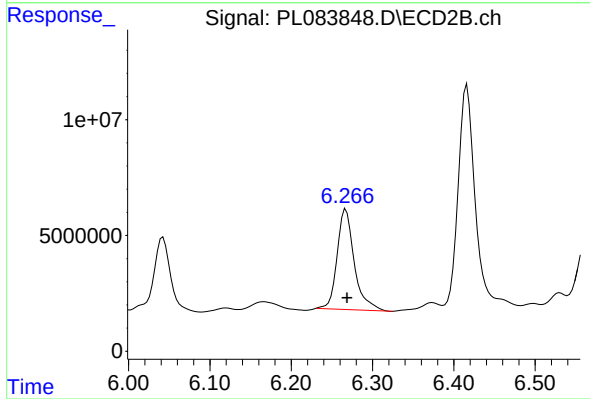
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 81874169
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

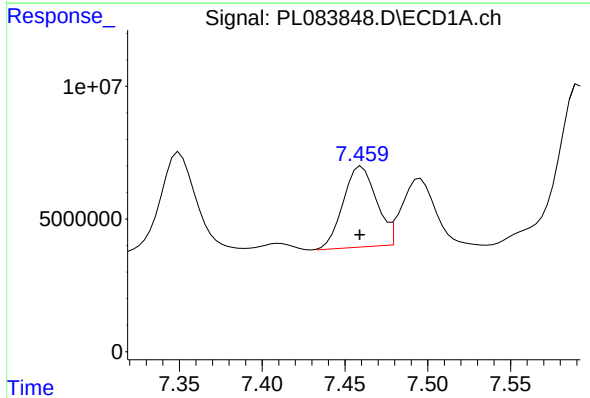
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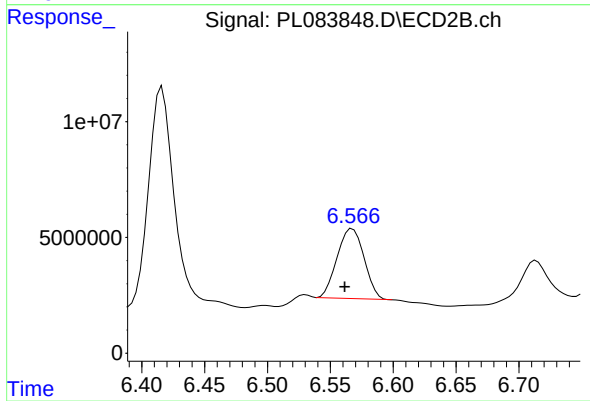
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: -0.001 min
Response: 63228199
Conc: 57.53 ng/ml



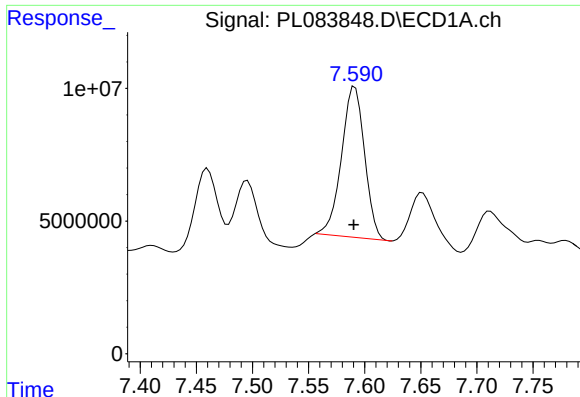
#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 44605802
Conc: 57.02 ng/ml m



#20 Methoxychlor

R.T.: 6.566 min
Delta R.T.: 0.005 min
Response: 45125402
Conc: 94.16 ng/ml m



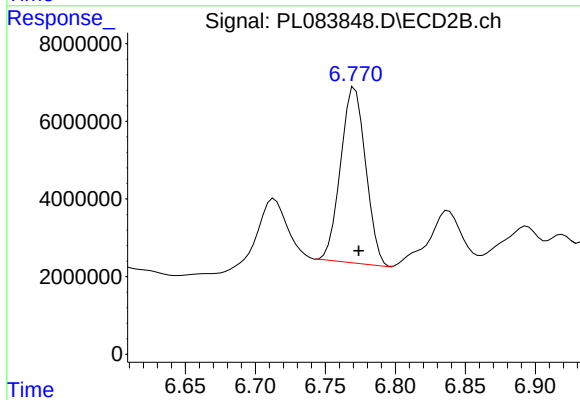
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 81205078
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

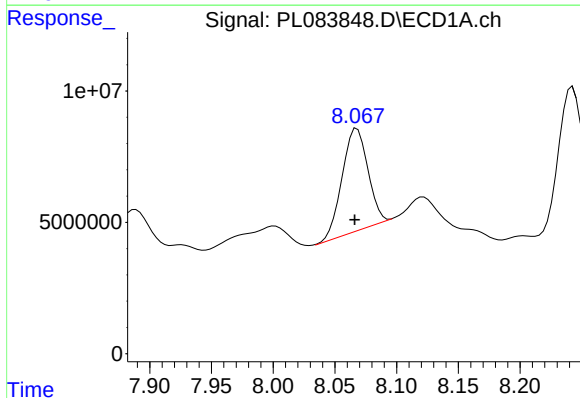
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Reviewed By :Abdul Mirza 07/13/2023
Supervised By :Ankita Jodhani 07/13/2023



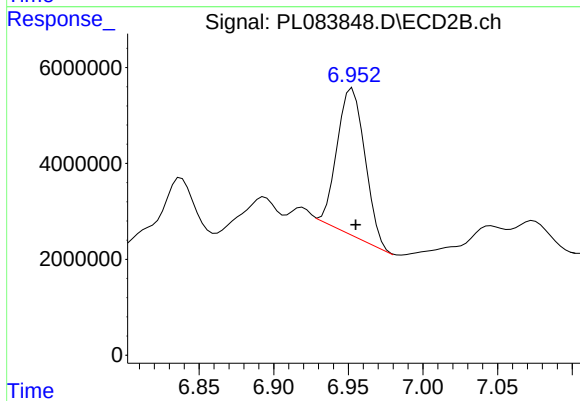
#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 56327889
Conc: 43.59 ng/ml m



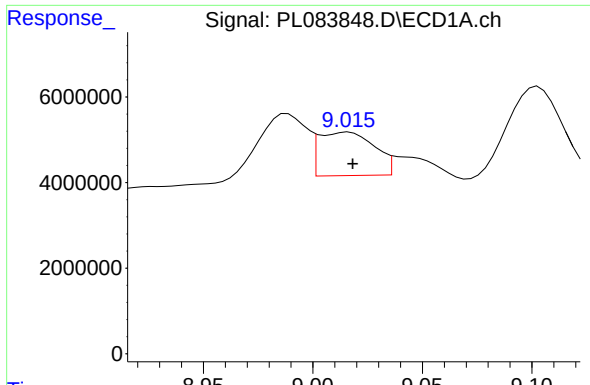
#22 Mirex

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 57225763
Conc: 39.99 ng/ml m



#22 Mirex

R.T.: 6.952 min
Delta R.T.: -0.003 min
Response: 39661385
Conc: 38.86 ng/ml m



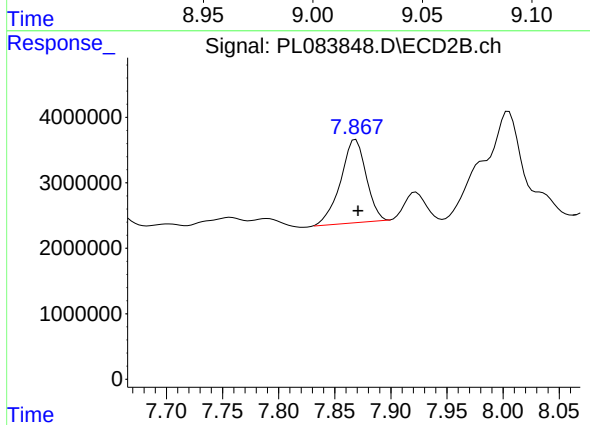
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.003 min
Response: 18169822
Conc: 13.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-369MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 20095328
Conc: 18.09 ng/ml