

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
 Data File : PL089102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2024 15:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 00:43:28 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	2.797	102.7E6	72835049	48.325	54.645
28) SA Decachlor...	9.063	7.949	64995253	64924129	51.026	48.484
Target Compounds						
2) A alpha-BHC	4.006	3.303	145.6E6	110.5E6	48.685	55.836
3) MA gamma-BHC...	4.338	3.634	142.5E6	106.4E6	49.394	55.294
4) MA Heptachlor	4.928	3.976	118.4E6	96021907	47.603	53.433
5) MB Aldrin	5.270	4.257	129.0E6	101.8E6	49.702	55.482
6) B beta-BHC	4.531	3.931	61898836	45079900	46.128m	53.939
7) B delta-BHC	4.780	4.162	135.8E6	103.9E6	50.790	56.923
8) B Heptachlo...	5.694	4.760	113.2E6	89151743	47.975m	53.684
9) A Endosulfan I	6.079	5.131	101.9E6	78269630	46.586m	52.078
10) B gamma-Chl...	5.949	5.011	108.0E6	90541447	46.998m	55.193
11) B alpha-Chl...	6.029	5.074	108.5E6	90556500	47.409m	54.760
12) B 4,4'-DDE	6.201	5.264	96199049	81687094	47.867m	55.550
13) MA Dieldrin	6.354	5.396	107.0E6	88638610	47.454m	54.223
14) MA Endrin	6.583	5.671	86880118	77095348	46.228m	53.047
15) B Endosulfa...	6.801	5.965	90913283	76849168	47.196m	53.754
16) A 4,4'-DDD	6.716	5.818	81741055	71319247	50.711m	58.894
17) MA 4,4'-DDT	7.032	6.070	80176664	67338680	43.999	51.374
18) B Endrin al...	6.932	6.144	71322776	57949549	48.731	52.731
19) B Endosulfa...	7.166	6.367	84782694	72657291	49.384	53.750
20) A Methoxychlor	7.506	6.645	44068680	36962833	50.015	49.453
21) B Endrin ke...	7.651	6.873	96643583	86687726	50.113	54.771
22) Mirex	8.125	7.056	71729395	66762849	48.840m	50.497

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
Data File : PL089102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Apr 2024 15:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

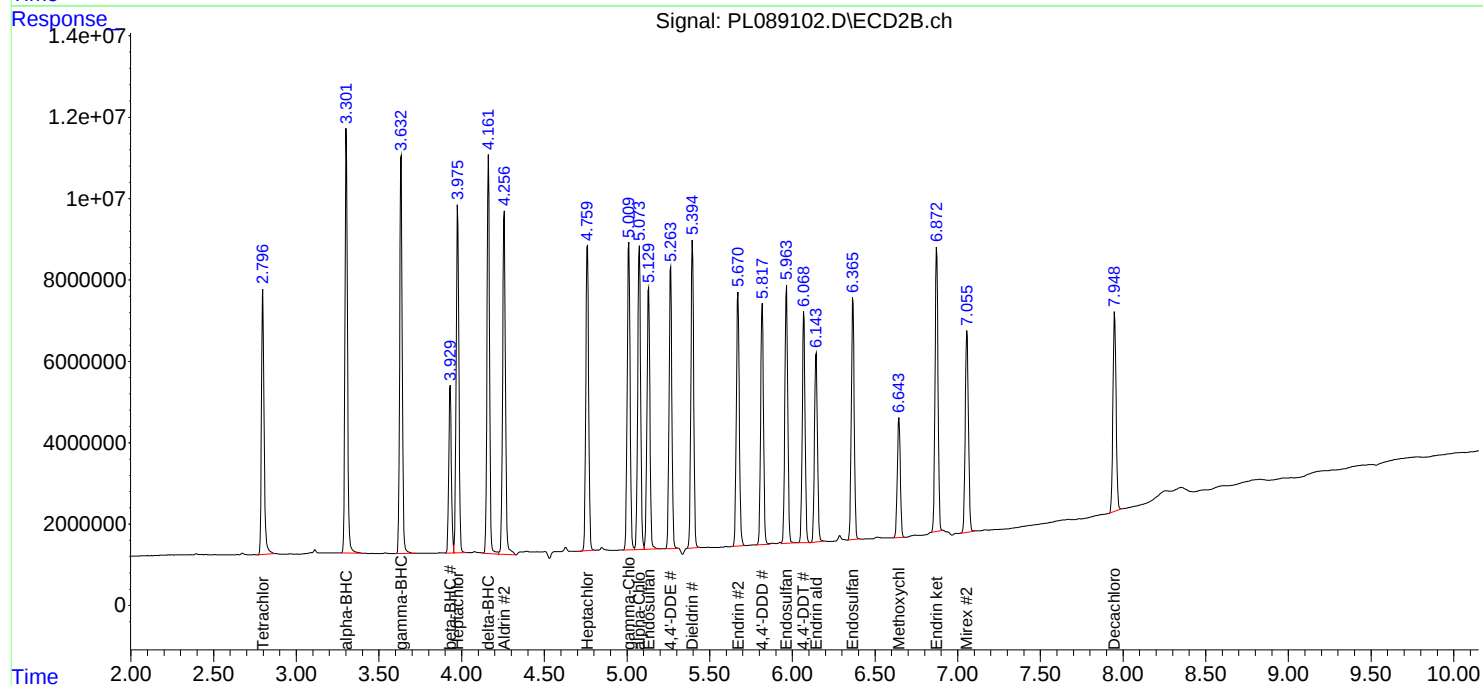
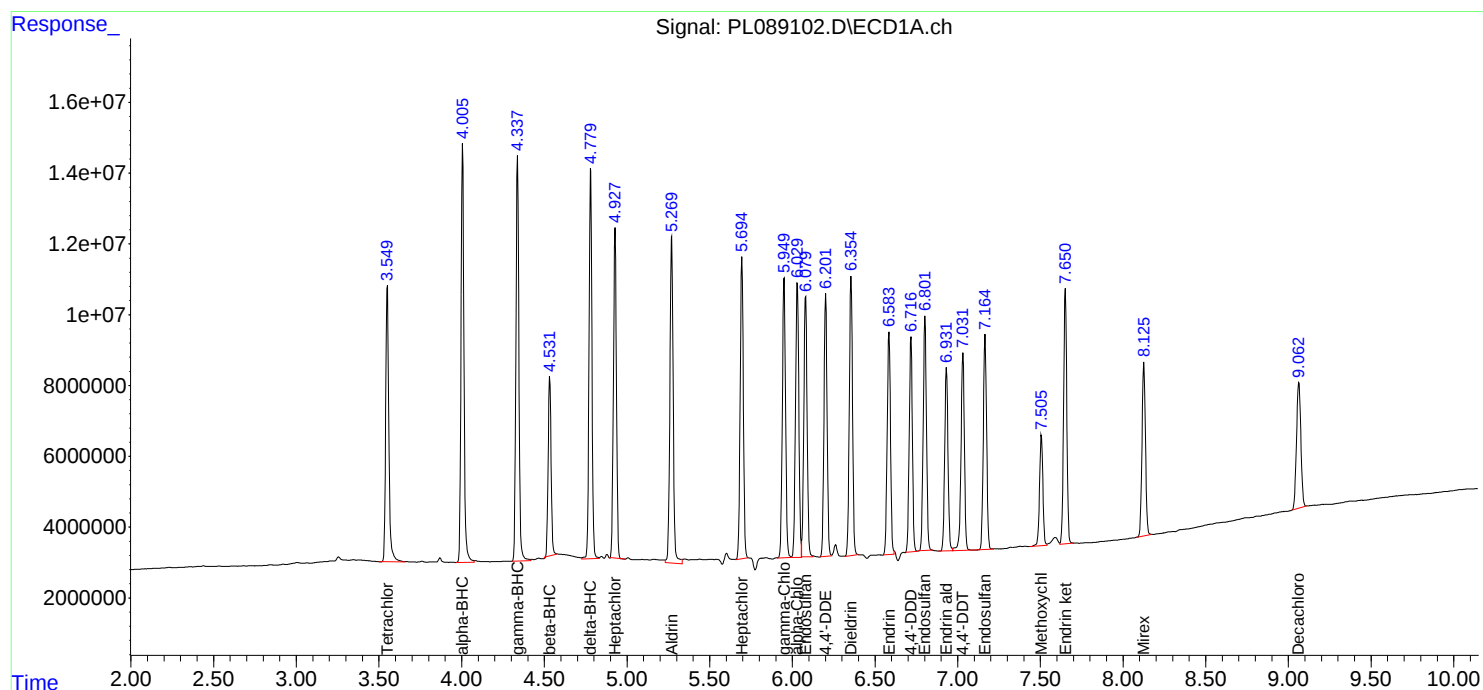
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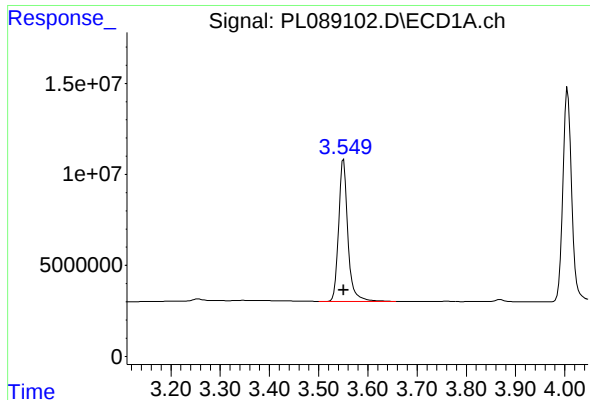
Reviewed By :Abdul Mirza 04/22/2024

Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 00:43:28 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





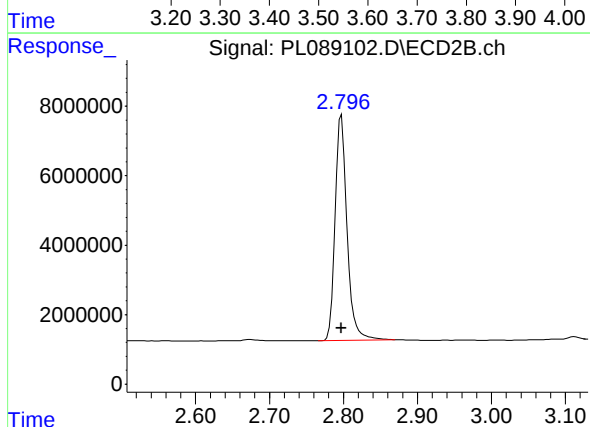
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 102707483
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

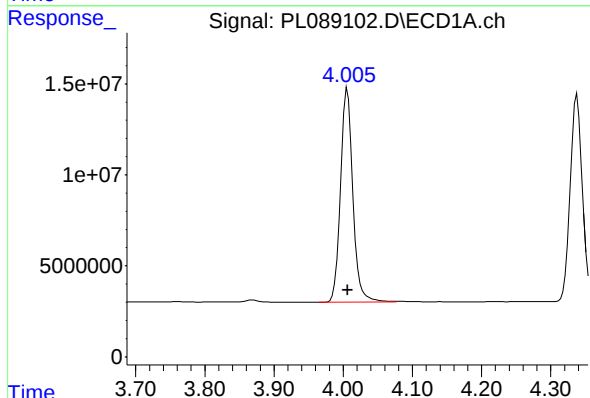
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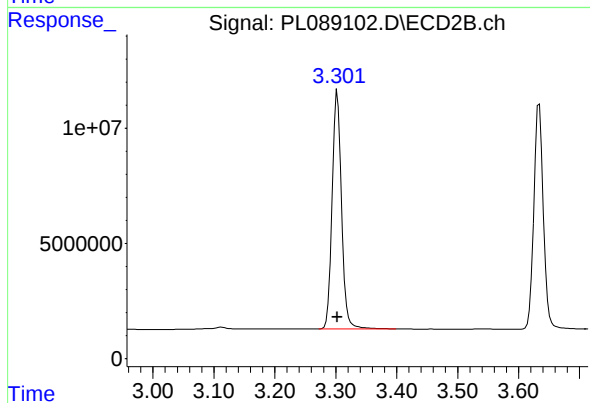
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 72835049
Conc: 54.64 ng/ml



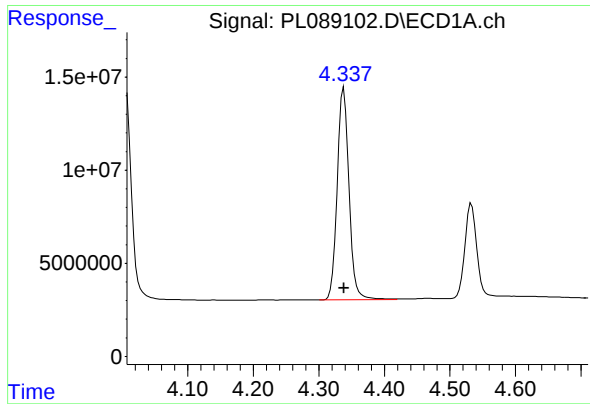
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 145568372
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 110471834
Conc: 55.84 ng/ml



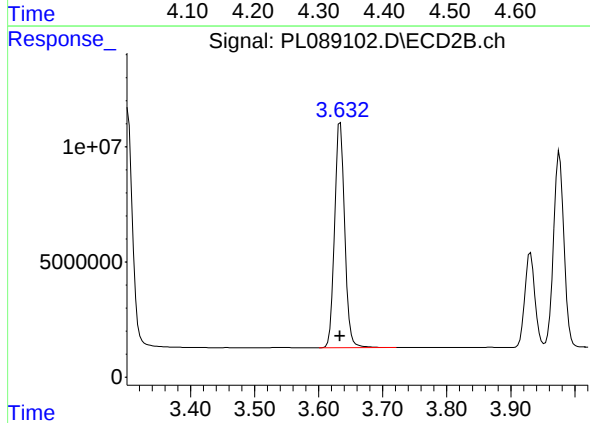
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 142510212
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

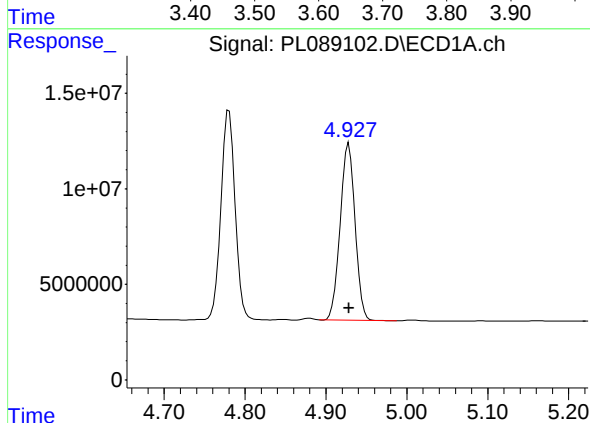
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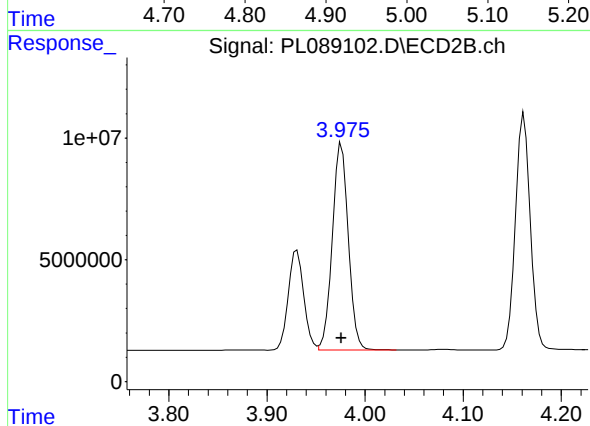
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 106366763
Conc: 55.29 ng/ml



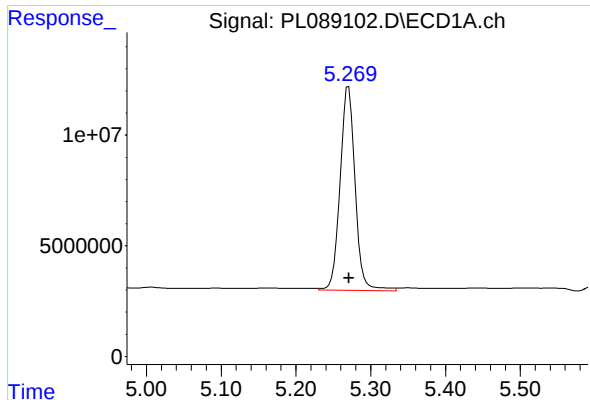
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 118445124
Conc: 47.60 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 96021907
Conc: 53.43 ng/ml



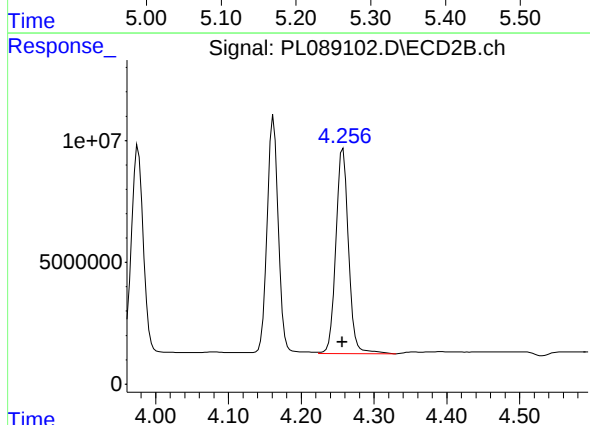
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 129003796
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

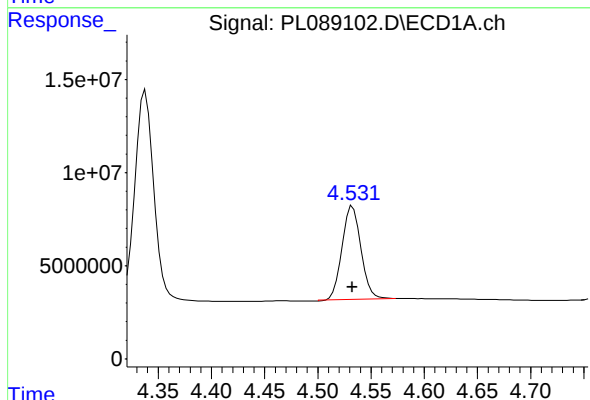
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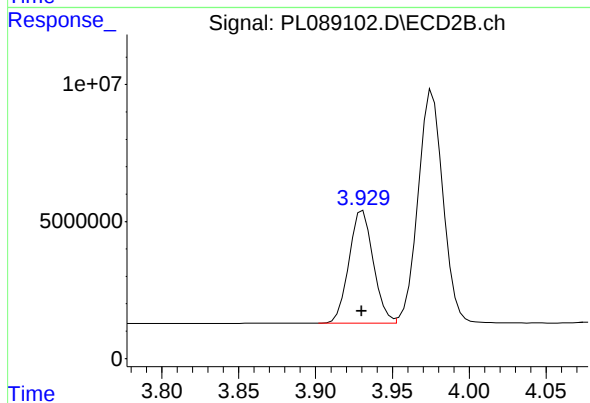
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 101777076
Conc: 55.48 ng/ml



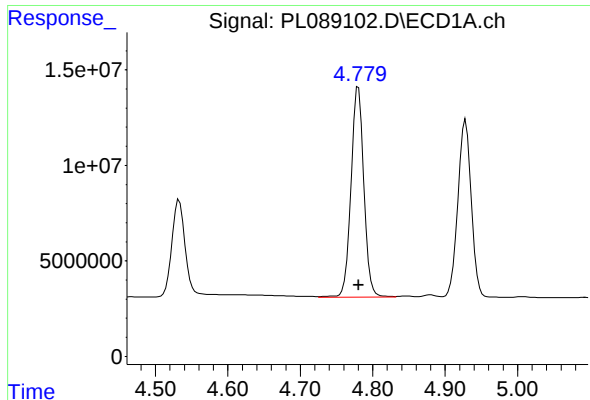
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 61898836
Conc: 46.13 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 45079900
Conc: 53.94 ng/ml



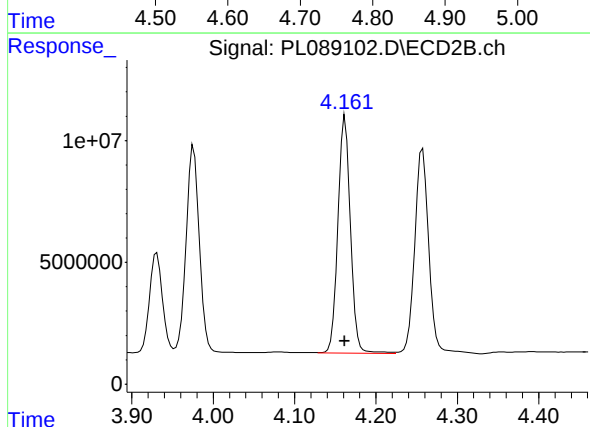
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 135824960
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

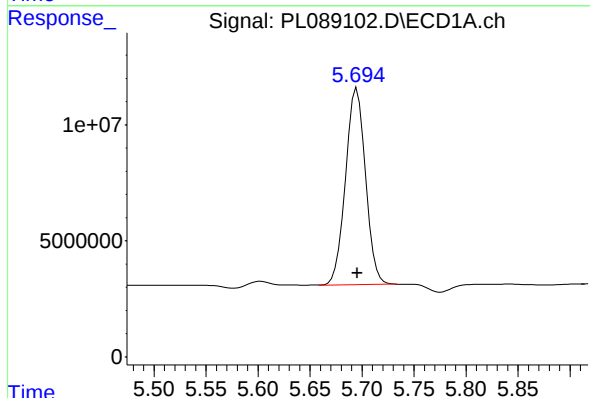
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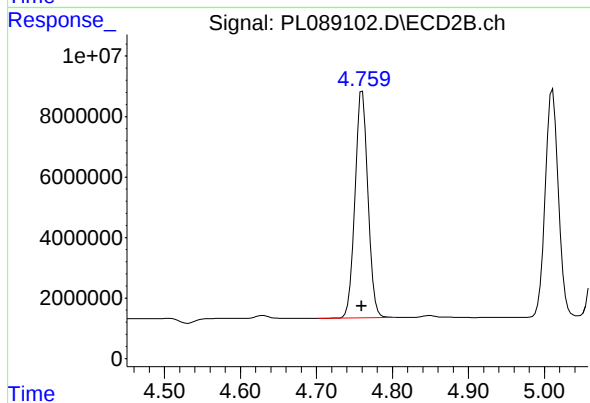
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 103927485
Conc: 56.92 ng/ml



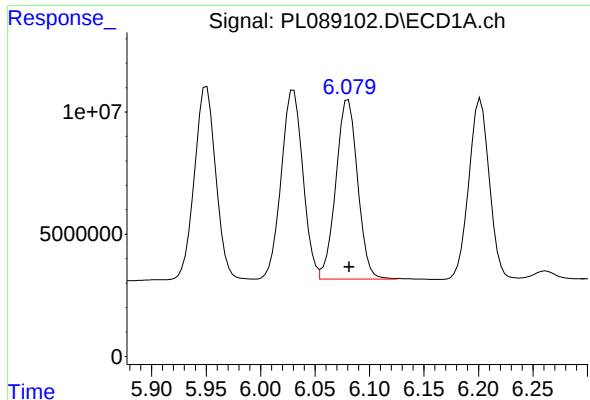
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 113202130
Conc: 47.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 89151743
Conc: 53.68 ng/ml



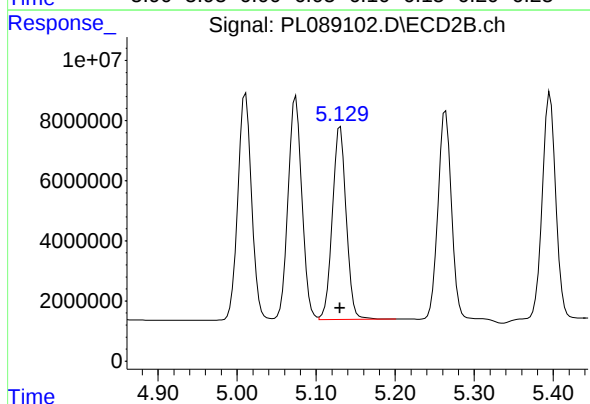
#9 Endosulfan I

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 101870681
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

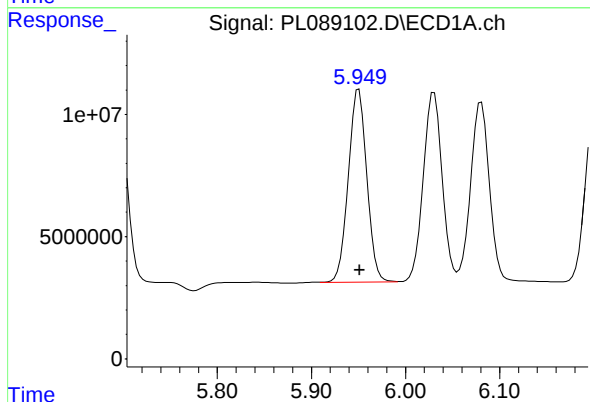
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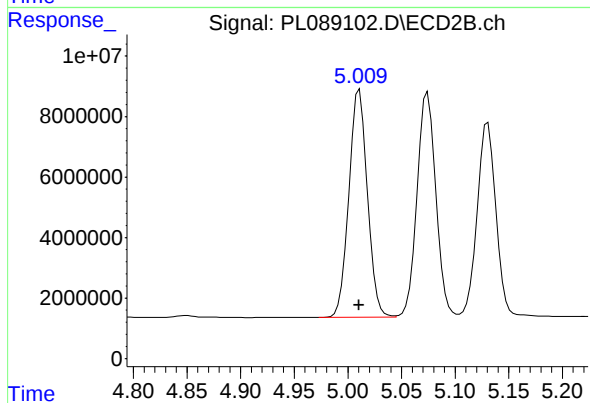
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 78269630
Conc: 52.08 ng/ml



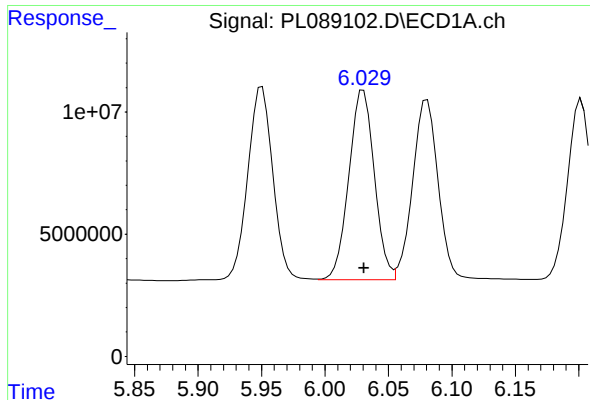
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 108039553
Conc: 47.00 ng/ml m



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 90541447
Conc: 55.19 ng/ml



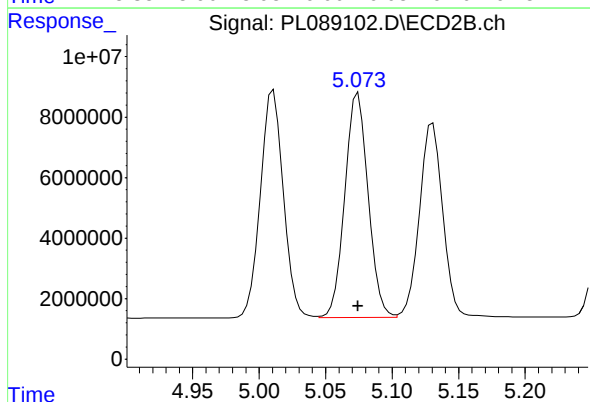
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 108537460
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

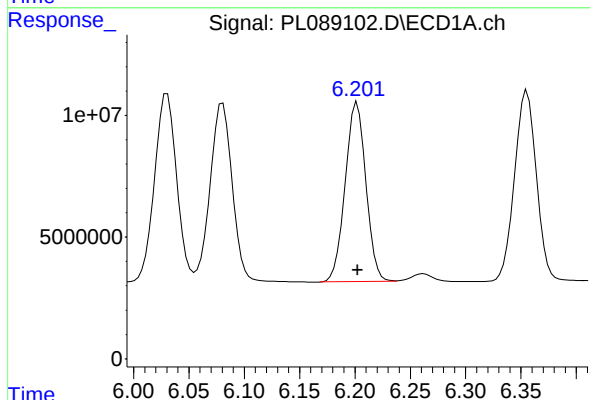
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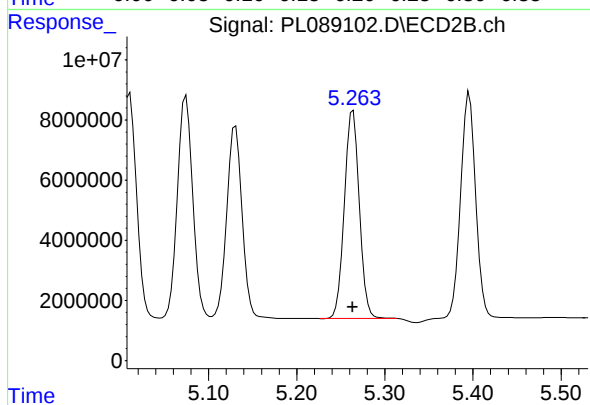
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 90556500
Conc: 54.76 ng/ml



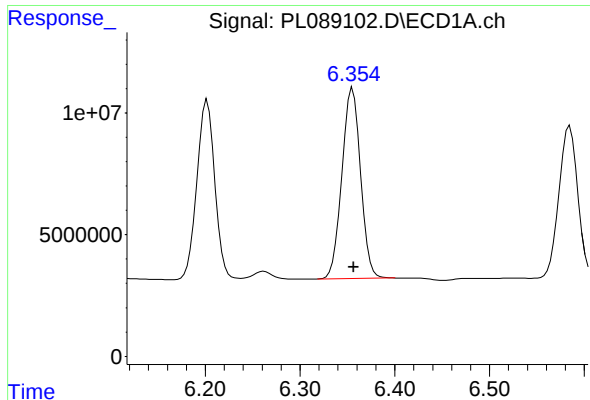
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 96199049
Conc: 47.87 ng/ml m



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 81687094
Conc: 55.55 ng/ml



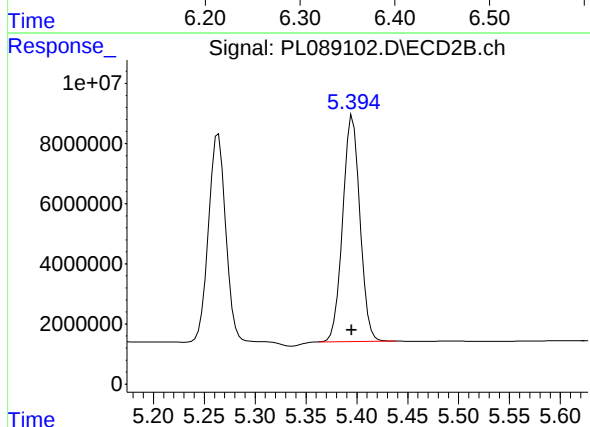
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 107015880
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

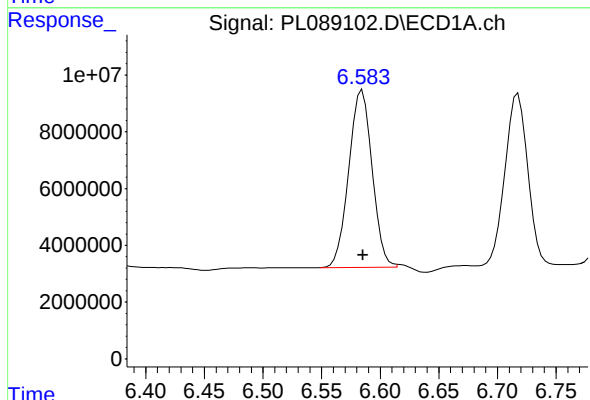
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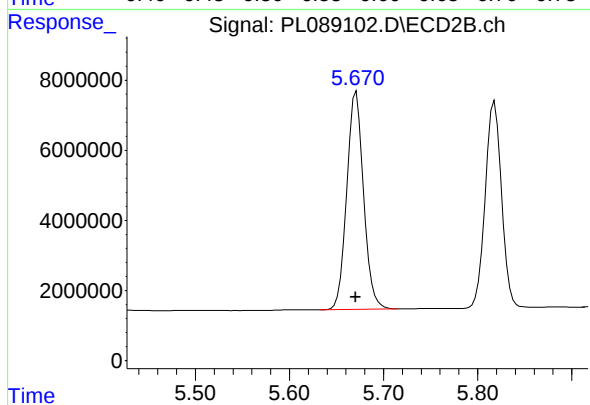
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.000 min
Response: 88638610
Conc: 54.22 ng/ml



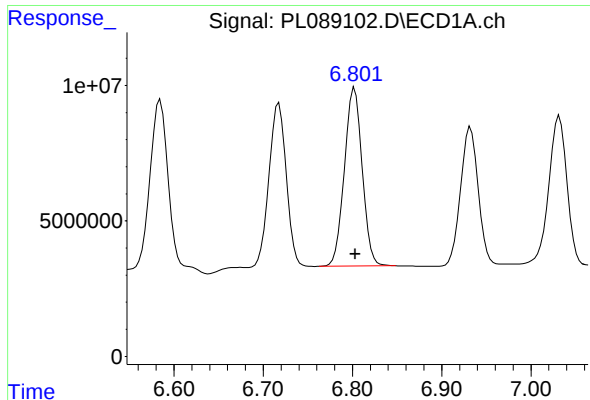
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 86880118
Conc: 46.23 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 77095348
Conc: 53.05 ng/ml



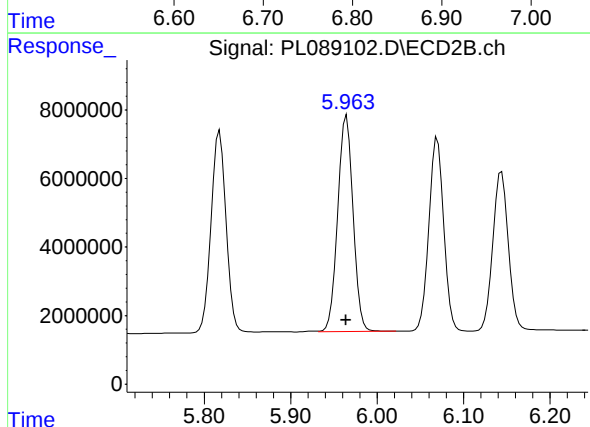
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 90913283
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

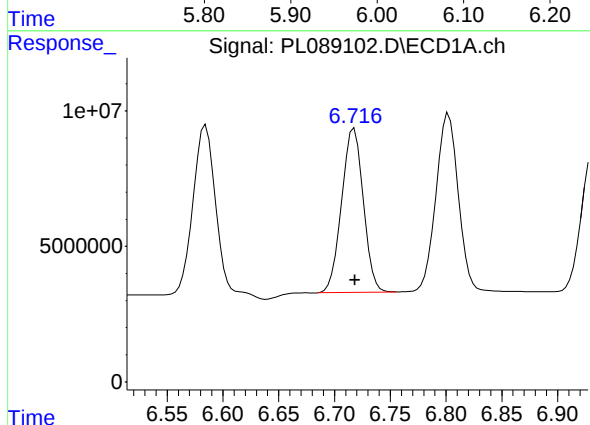
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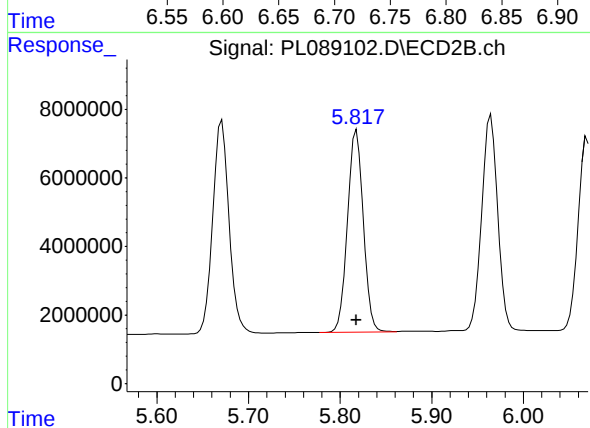
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 76849168
Conc: 53.75 ng/ml



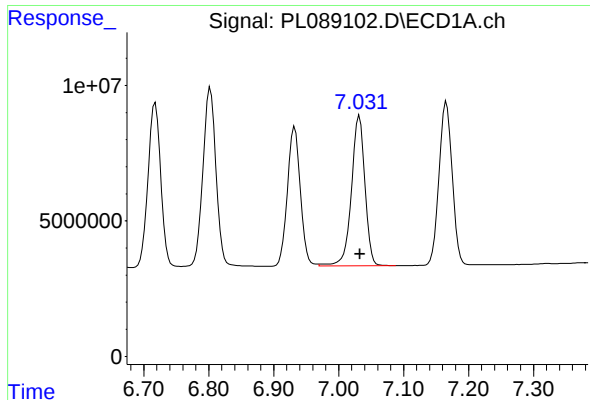
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 81741055
Conc: 50.71 ng/ml m



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 71319247
Conc: 58.89 ng/ml



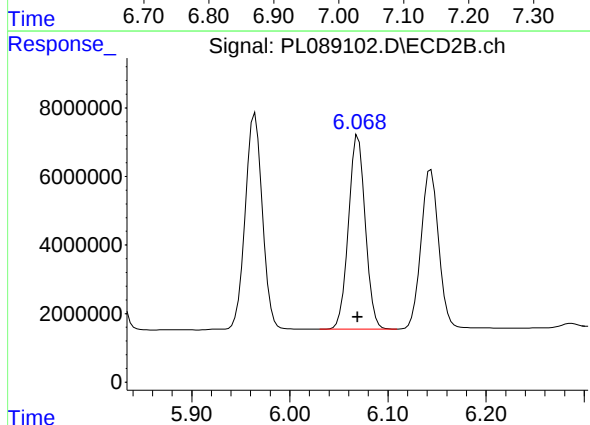
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 80176664
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

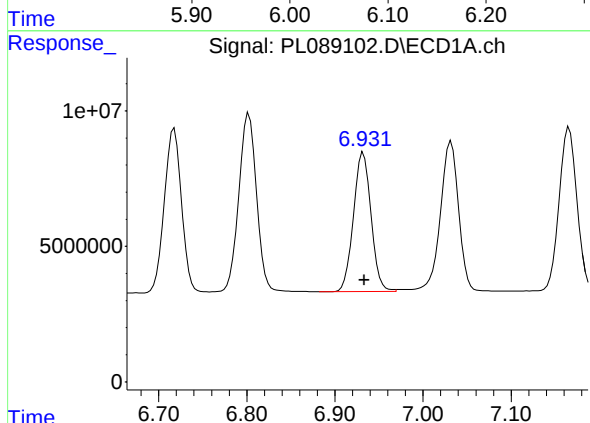
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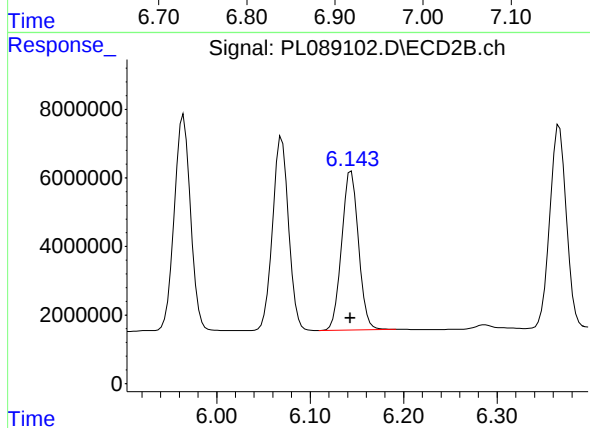
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 67338680
Conc: 51.37 ng/ml



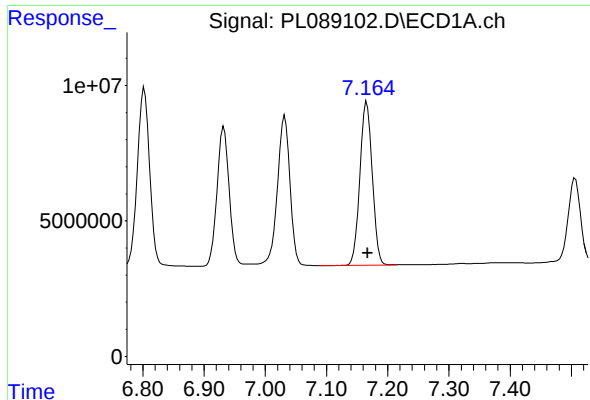
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 71322776
Conc: 48.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 57949549
Conc: 52.73 ng/ml



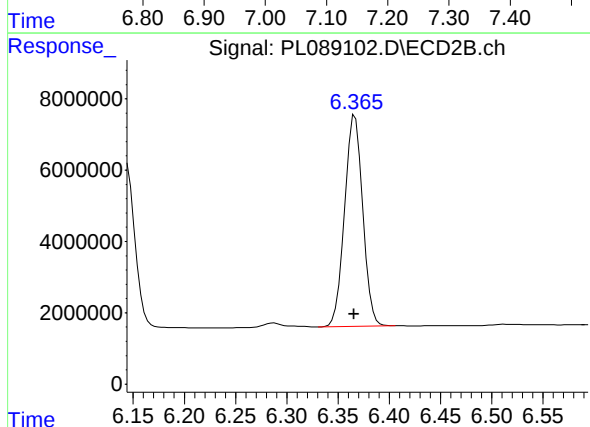
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 84782694
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

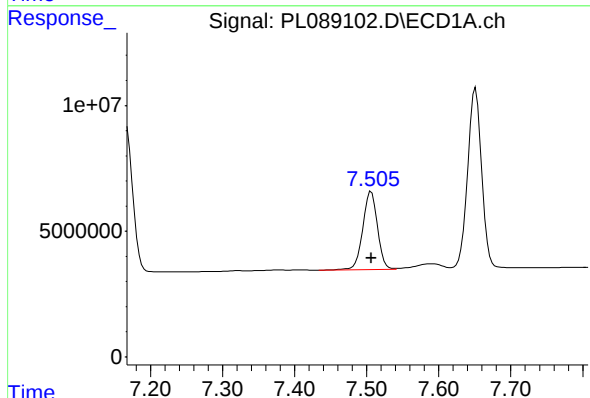
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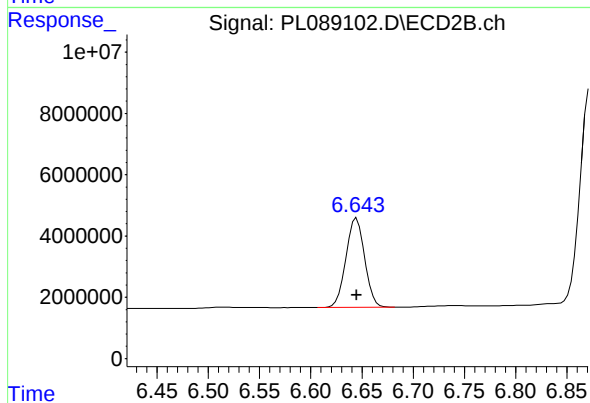
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 72657291
Conc: 53.75 ng/ml



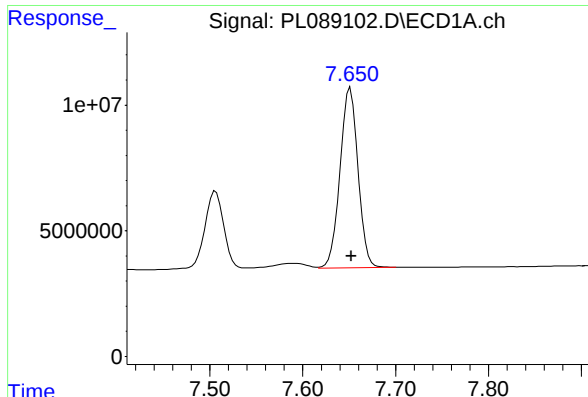
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 44068680
Conc: 50.01 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 36962833
Conc: 49.45 ng/ml



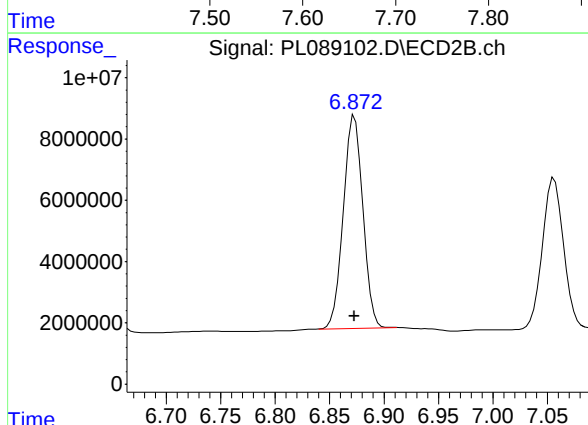
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 96643583
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

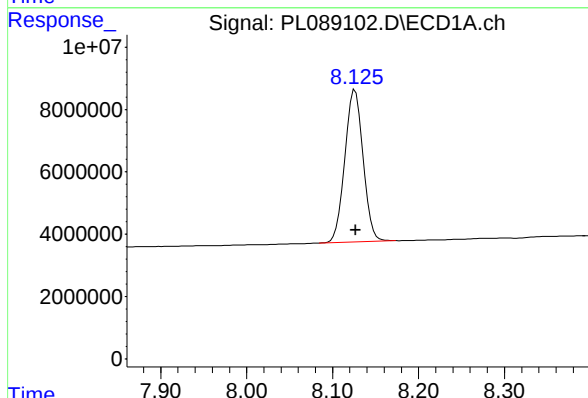
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APPROVED

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



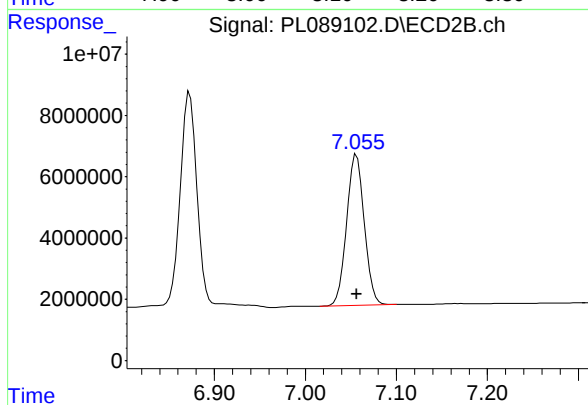
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 86687726
Conc: 54.77 ng/ml



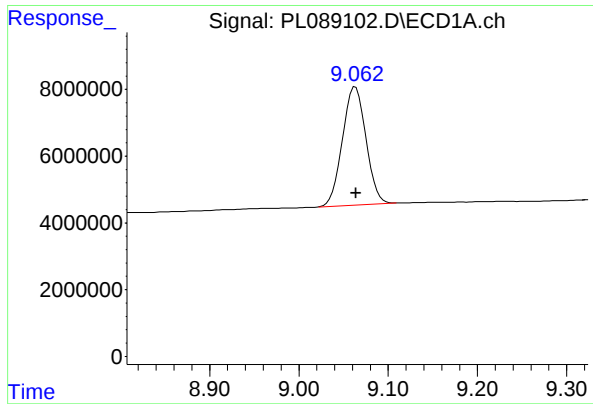
#22 Mirex

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 71729395
Conc: 48.84 ng/ml m



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 66762849
Conc: 50.50 ng/ml



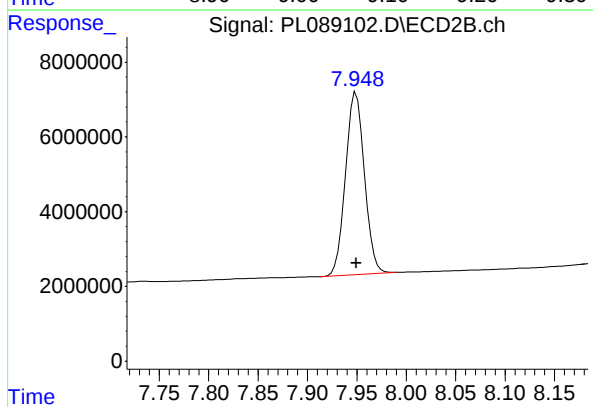
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 64995253
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 64924129
Conc: 48.48 ng/ml