

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
 Data File : PL085939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 12:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 22:12:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.366	2.622	126.4E6	38493335	42.497	41.208
28)	SA Decachlor...	8.873	7.780	110.9E6	46699689	50.933	50.596
Target Compounds							
2)	A alpha-BHC	3.821	3.121	182.9E6	52650618	42.619	41.848
3)	MA gamma-BHC...	4.153	3.449	177.6E6	52772507	42.970	42.788
4)	MA Heptachlor	4.740	3.785	172.4E6	51485317	44.573	44.267
5)	MB Aldrin	5.079	4.063	170.3E6	53359247	43.930m	47.716
6)	B beta-BHC	4.356	3.751	73162818	23250727	44.244	44.662
7)	B delta-BHC	4.599	3.976	173.0E6	50250600	45.112	43.735
8)	B Heptachlo...	5.511	4.568	150.5E6	47166305	43.617	46.960
9)	A Endosulfan I	5.895	4.936	144.7E6	43927254	44.743	40.949
10)	B gamma-Chl...	5.768	4.820	156.3E6	47532844	45.680	47.994
11)	B alpha-Chl...	5.848	4.883	153.7E6	48216621	44.985	44.206
12)	B 4,4'-DDE	6.031	5.083	133.7E6	41883261	47.803	51.006
13)	MA Dieldrin	6.172	5.202	143.4E6	46048773	43.654	47.462
14)	MA Endrin	6.401	5.476	121.1E6	41631022	42.500	46.308
15)	B Endosulfa...	6.623	5.774	124.0E6	46656989	44.990	49.064
16)	A 4,4'-DDD	6.550	5.640	106.8E6	35190942	53.003	50.558
17)	MA 4,4'-DDT	6.865	5.890	112.2E6	40785676	47.603	51.578
18)	B Endrin al...	6.753	5.955	93311587	33937183	46.040m	45.510
19)	B Endosulfa...	6.990	6.181	117.7E6	41982390	46.886	46.538
20)	A Methoxychlor	7.351	6.476	67249767	23770023	48.152	45.184
21)	B Endrin ke...	7.472	6.683	132.6E6	51997218	46.043	45.238
22)	Mirex	7.944	6.860	102.5E6	42746644	46.305m	45.322

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
Data File : PL085939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2023 12:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

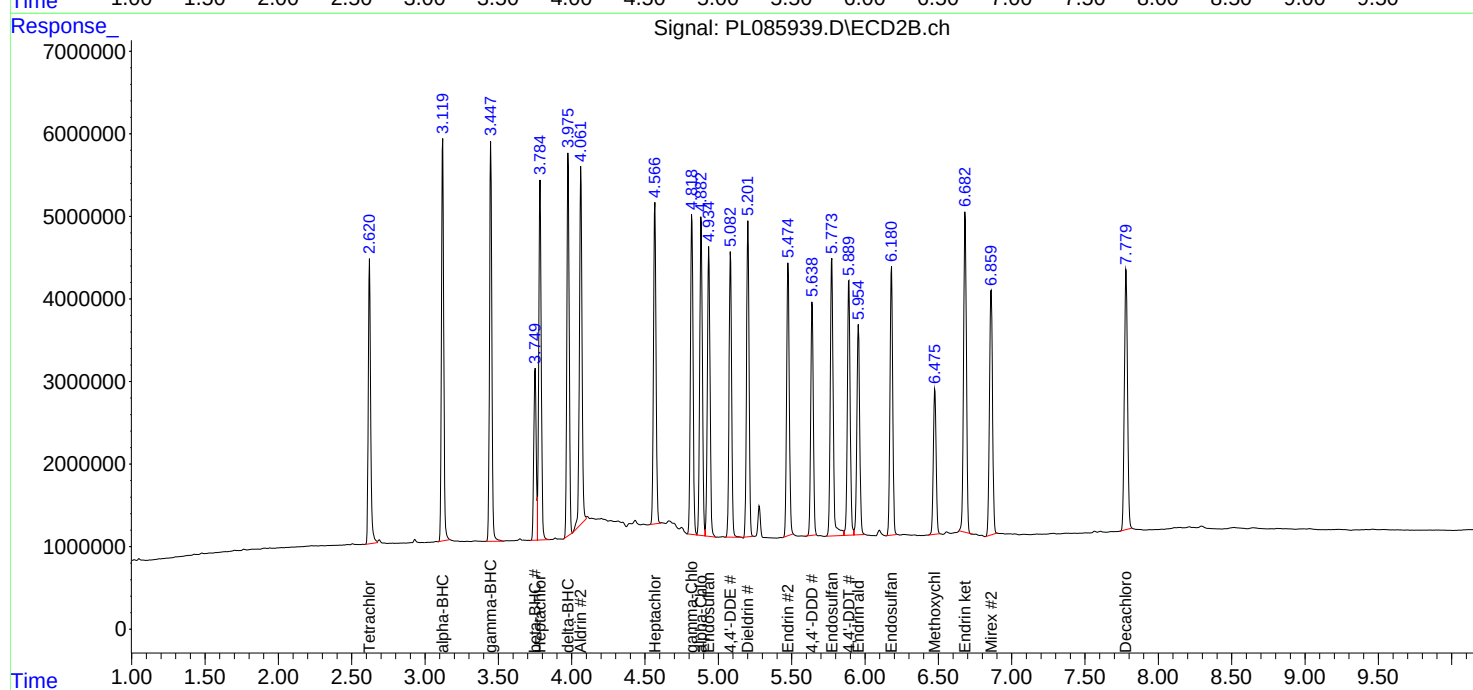
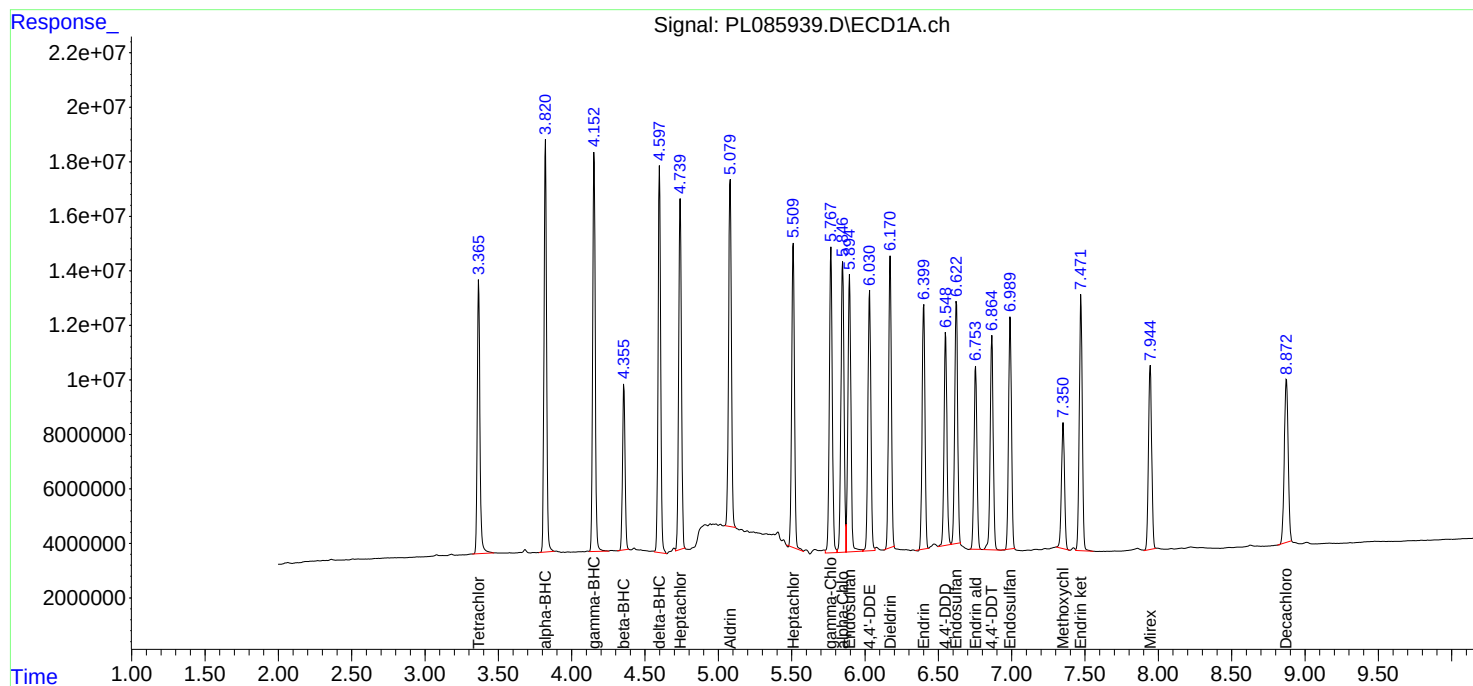
APPROVED

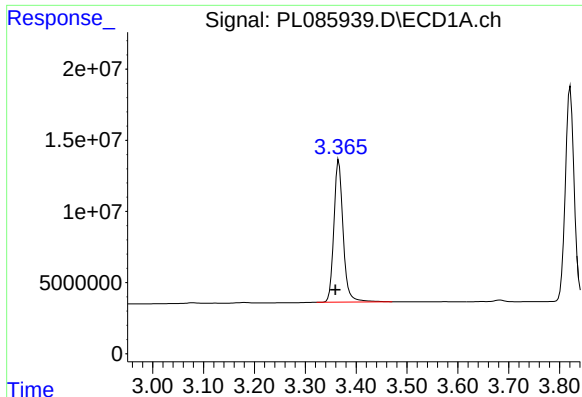
Reviewed By :Abdul Mirza 10/17/2023

Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 22:12:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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.: 3.366 min
Delta R.T.: 0.007 min
Response: 126391233
Conc: 42.50 ng/ml

Instrument :

ECD_L

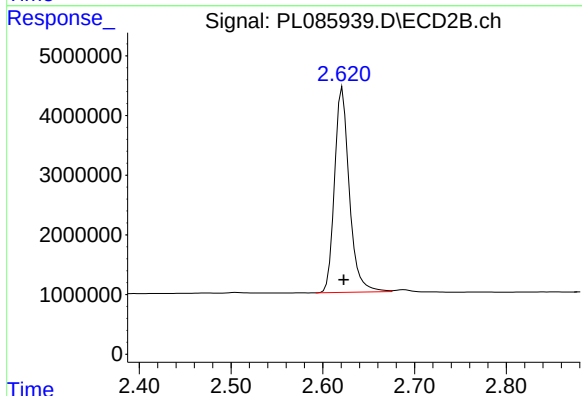
ClientSampleId :

PSTDCCC050

Manual Integrations

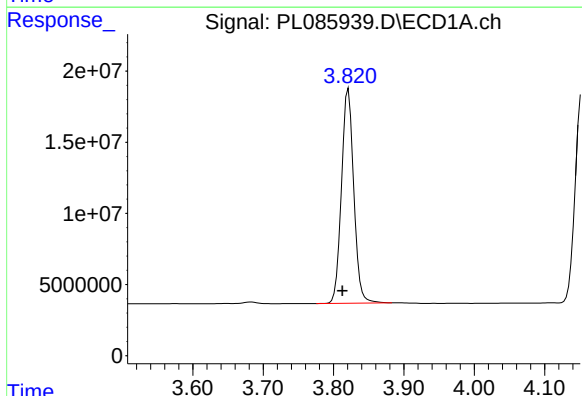
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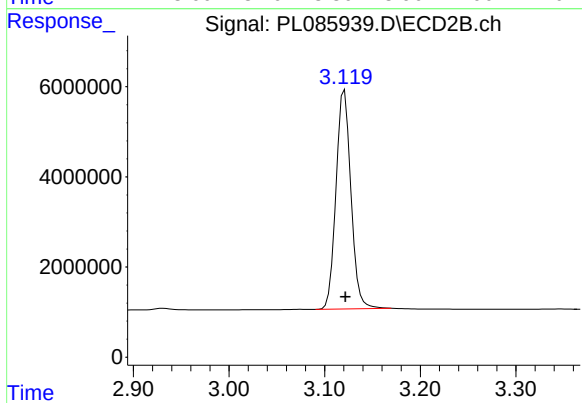
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 38493335
Conc: 41.21 ng/ml



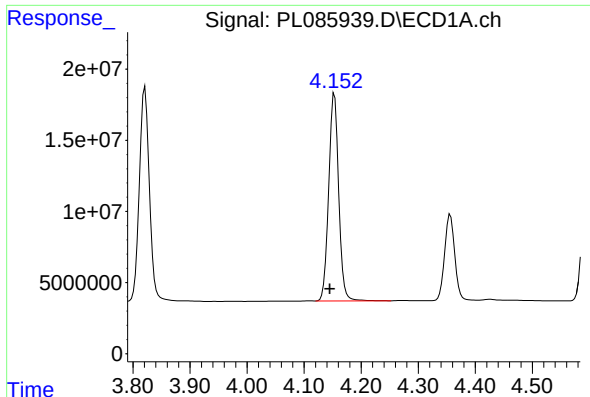
#2 alpha-BHC

R.T.: 3.821 min
Delta R.T.: 0.008 min
Response: 182918667
Conc: 42.62 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 52650618
Conc: 41.85 ng/ml



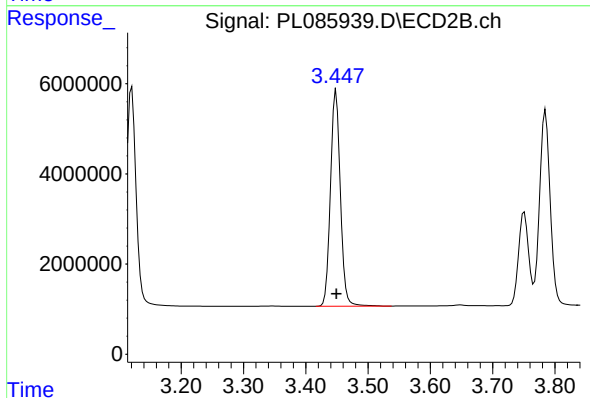
#3 gamma-BHC (Lindane)

R.T.: 4.153 min
Delta R.T.: 0.008 min
Response: 177606923
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

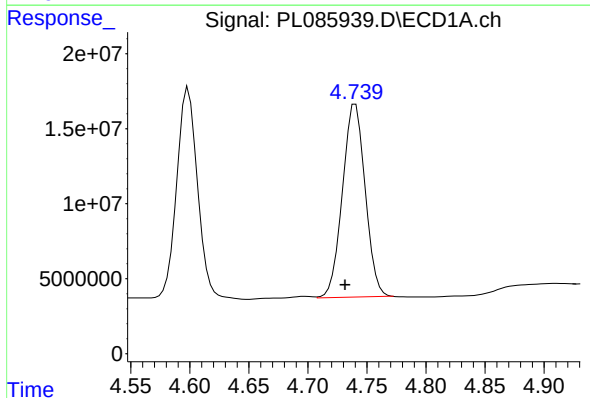
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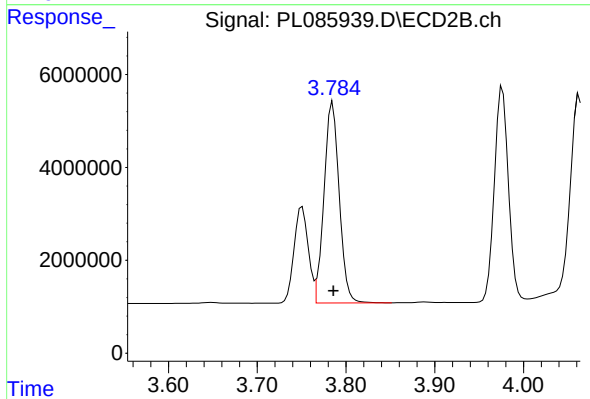
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 52772507
Conc: 42.79 ng/ml



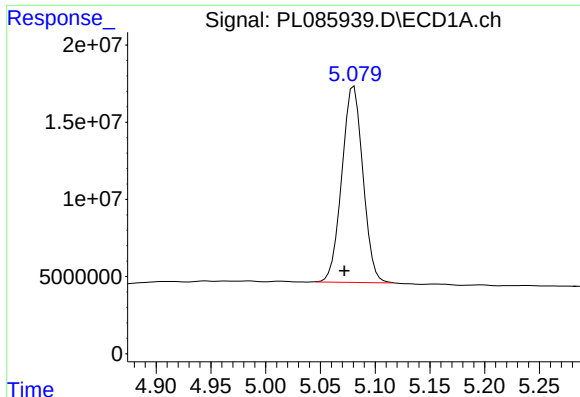
#4 Heptachlor

R.T.: 4.740 min
Delta R.T.: 0.009 min
Response: 172391791
Conc: 44.57 ng/ml



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 51485317
Conc: 44.27 ng/ml



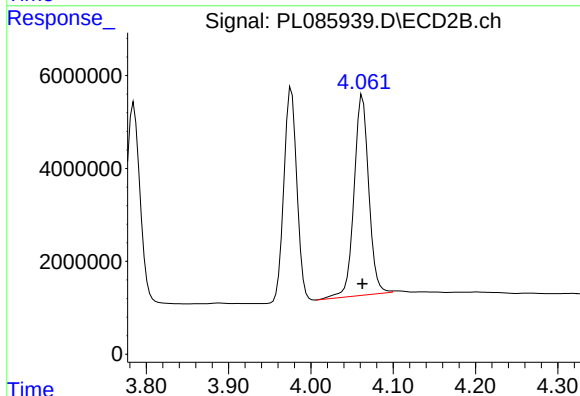
#5 Aldrin

R.T.: 5.079 min
Delta R.T.: 0.007 min
Response: 170286735
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

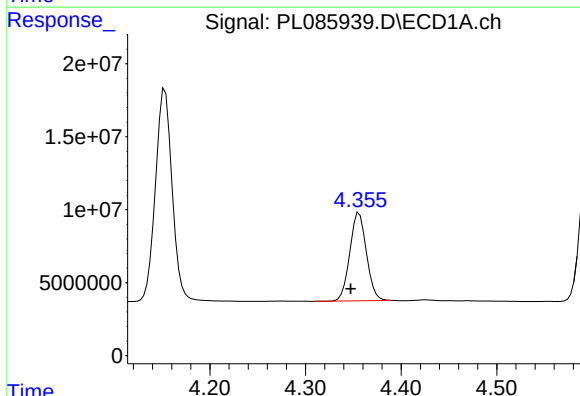
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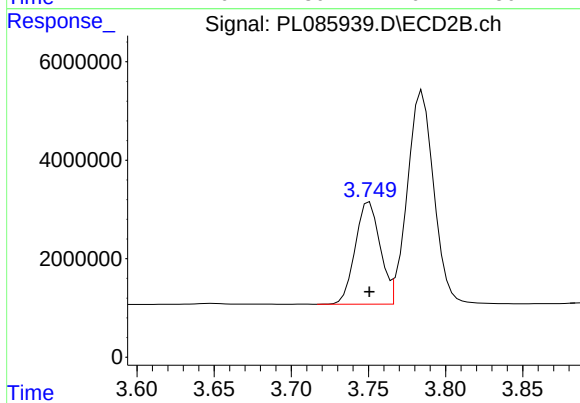
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 53359247
Conc: 47.72 ng/ml



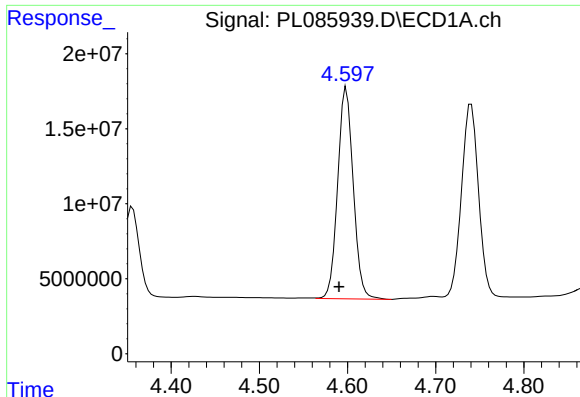
#6 beta-BHC

R.T.: 4.356 min
Delta R.T.: 0.009 min
Response: 73162818
Conc: 44.24 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 23250727
Conc: 44.66 ng/ml



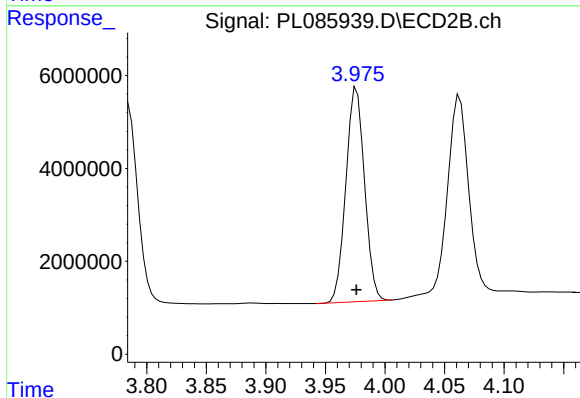
#7 delta-BHC

R.T.: 4.599 min
Delta R.T.: 0.008 min
Response: 172977132
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

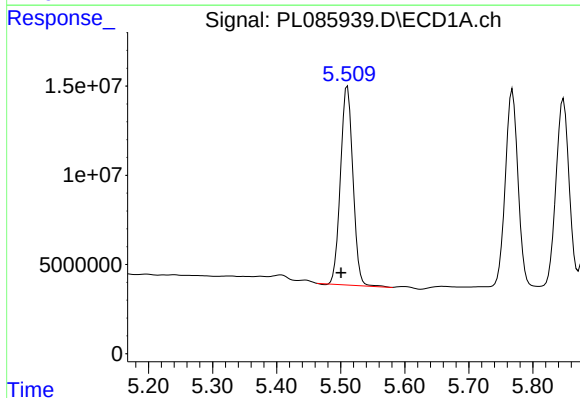
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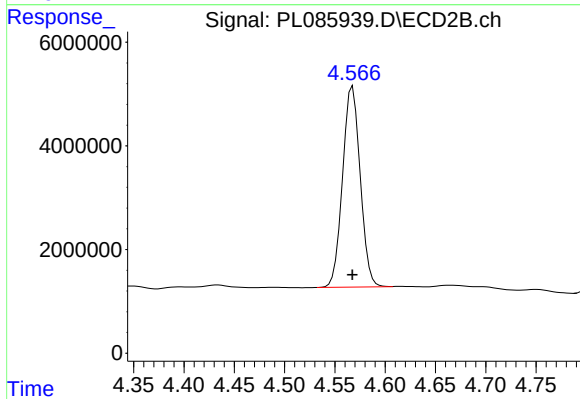
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 50250600
Conc: 43.74 ng/ml



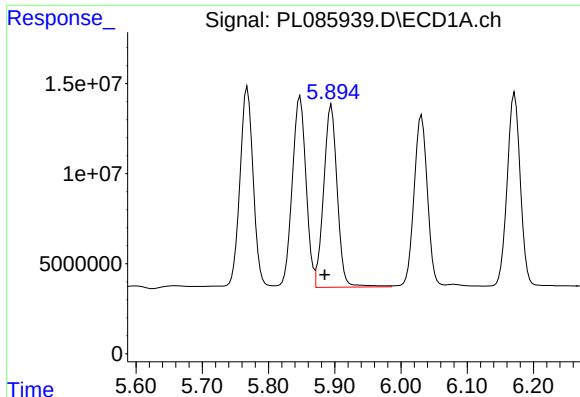
#8 Heptachlor epoxide

R.T.: 5.511 min
Delta R.T.: 0.010 min
Response: 150472075
Conc: 43.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 47166305
Conc: 46.96 ng/ml



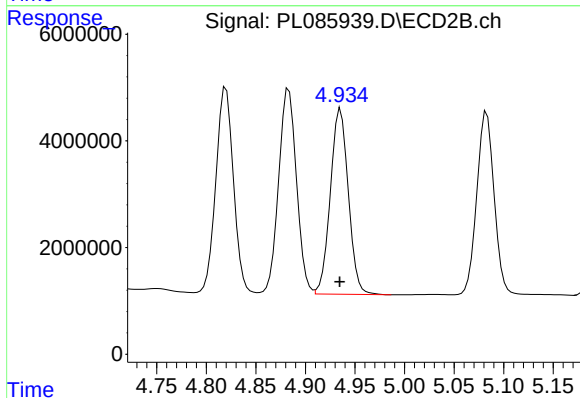
#9 Endosulfan I

R.T.: 5.895 min
Delta R.T.: 0.010 min
Response: 144700286
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

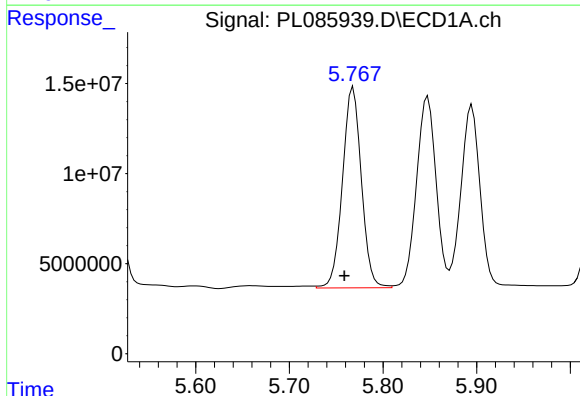
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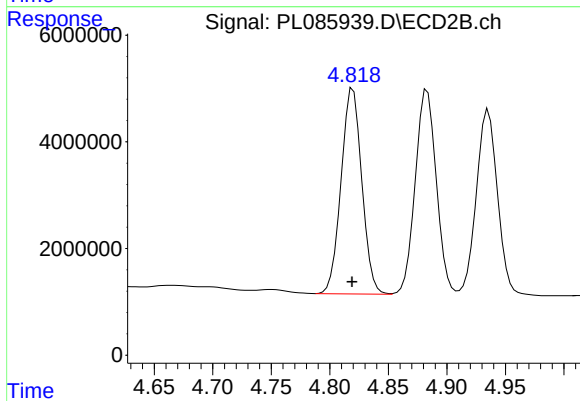
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 43927254
Conc: 40.95 ng/ml



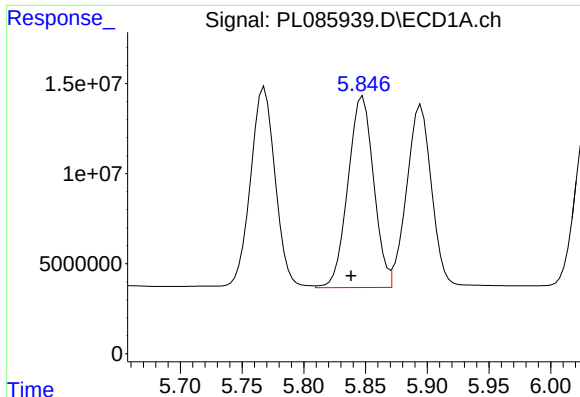
#10 gamma-Chlordane

R.T.: 5.768 min
Delta R.T.: 0.009 min
Response: 156289391
Conc: 45.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.820 min
Delta R.T.: 0.000 min
Response: 47532844
Conc: 47.99 ng/ml



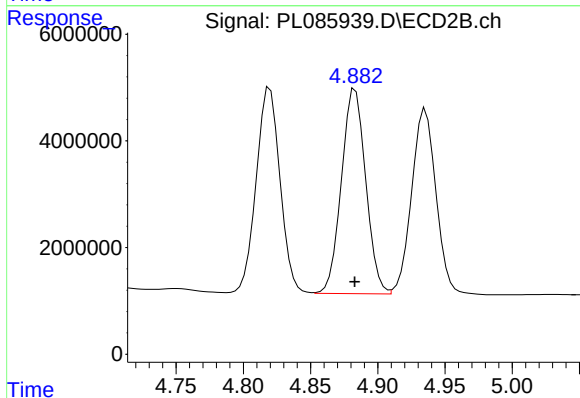
#11 alpha-Chlordane

R.T.: 5.848 min
Delta R.T.: 0.010 min
Response: 153743437
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

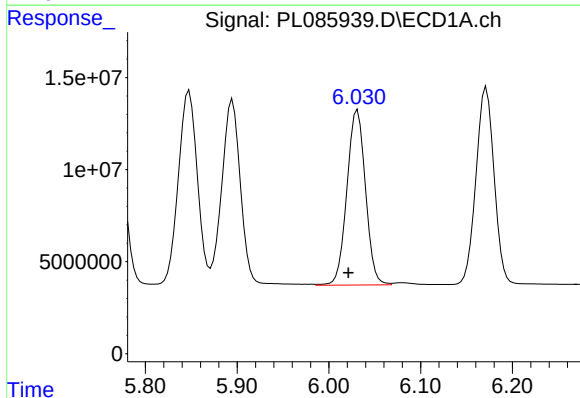
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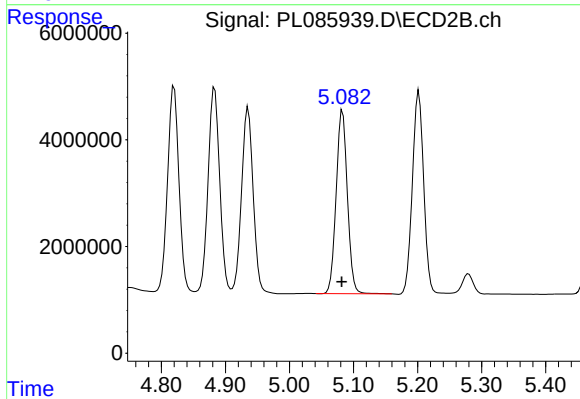
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 48216621
Conc: 44.21 ng/ml



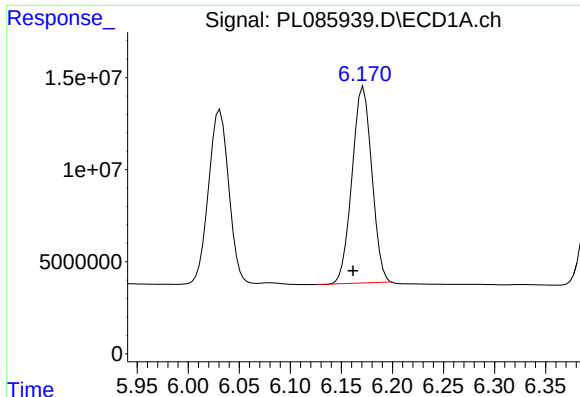
#12 4,4'-DDE

R.T.: 6.031 min
Delta R.T.: 0.010 min
Response: 133684322
Conc: 47.80 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.001 min
Response: 41883261
Conc: 51.01 ng/ml



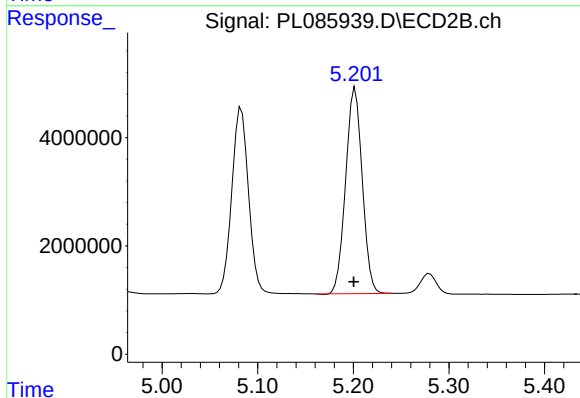
#13 Dieldrin

R.T.: 6.172 min
Delta R.T.: 0.010 min
Response: 143445699
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

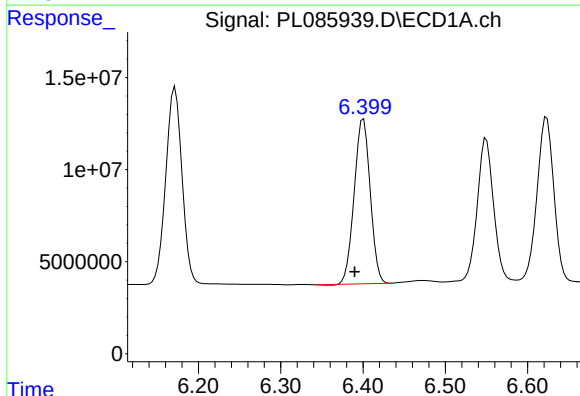
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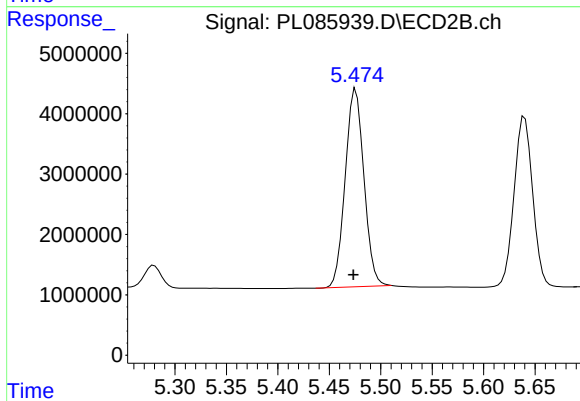
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: 0.002 min
Response: 46048773
Conc: 47.46 ng/ml



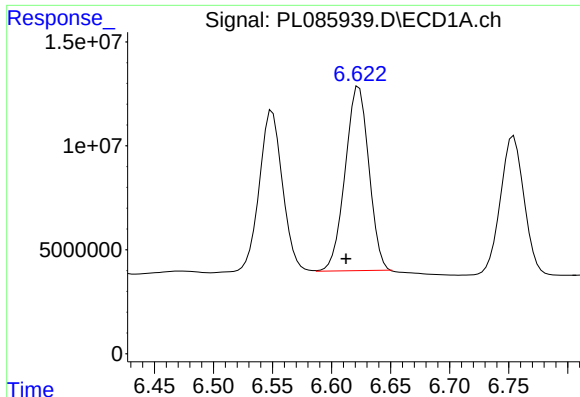
#14 Endrin

R.T.: 6.401 min
Delta R.T.: 0.011 min
Response: 121115572
Conc: 42.50 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: 0.002 min
Response: 41631022
Conc: 46.31 ng/ml



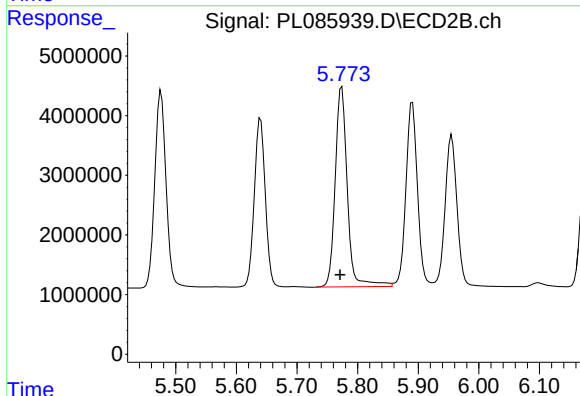
#15 Endosulfan II

R.T.: 6.623 min
Delta R.T.: 0.011 min
Response: 123968784
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

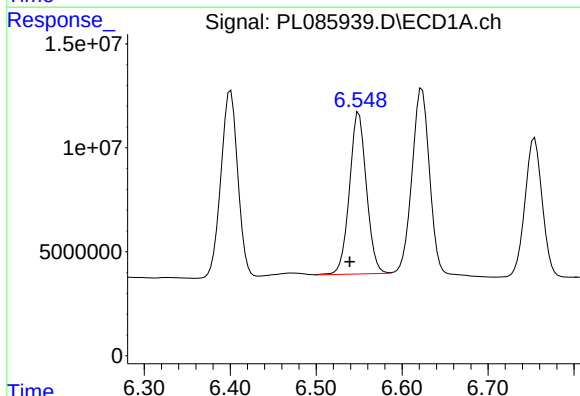
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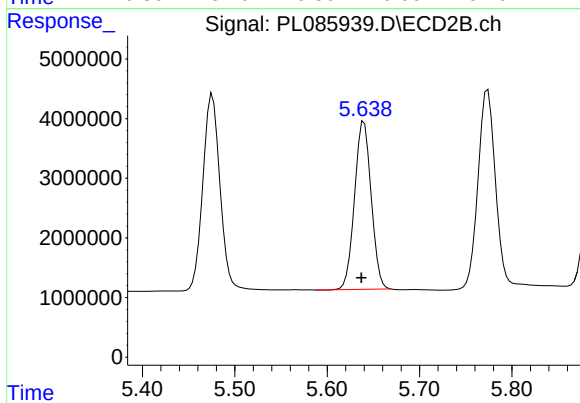
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: 0.003 min
Response: 46656989
Conc: 49.06 ng/ml



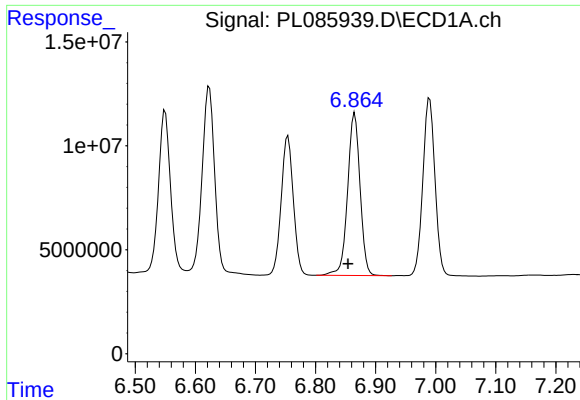
#16 4,4'-DDD

R.T.: 6.550 min
Delta R.T.: 0.010 min
Response: 106783347
Conc: 53.00 ng/ml



#16 4,4'-DDD

R.T.: 5.640 min
Delta R.T.: 0.003 min
Response: 35190942
Conc: 50.56 ng/ml



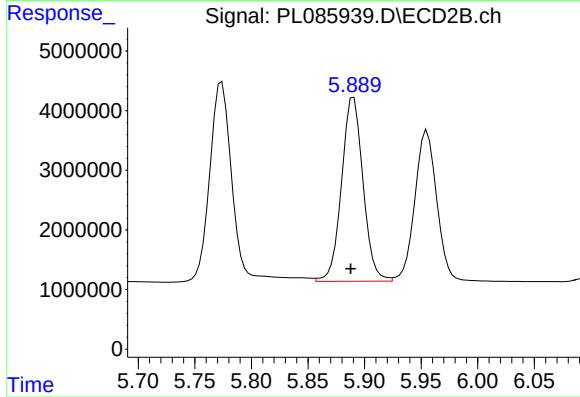
#17 4,4'-DDT

R.T.: 6.865 min
Delta R.T.: 0.011 min
Response: 112203901
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

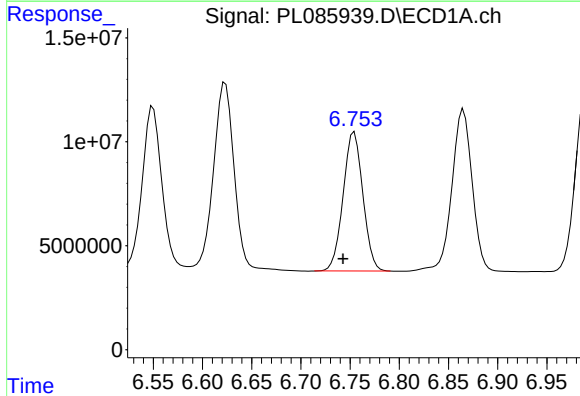
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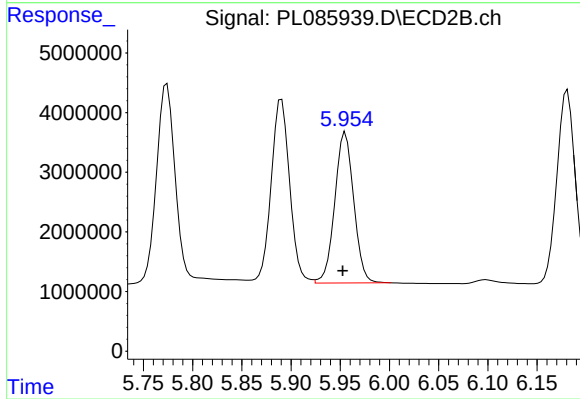
#17 4,4'-DDT

R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 40785676
Conc: 51.58 ng/ml



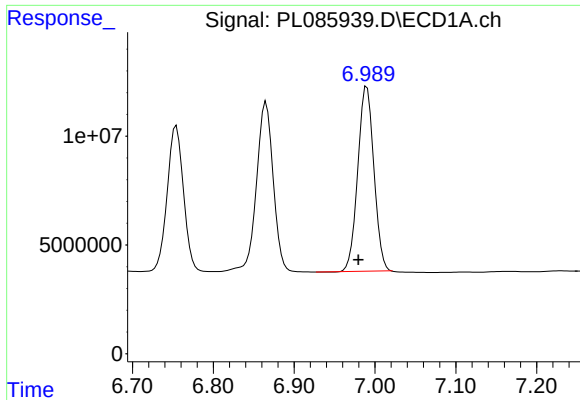
#18 Endrin aldehyde

R.T.: 6.753 min
Delta R.T.: 0.010 min
Response: 93311587
Conc: 46.04 ng/ml m



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 33937183
Conc: 45.51 ng/ml



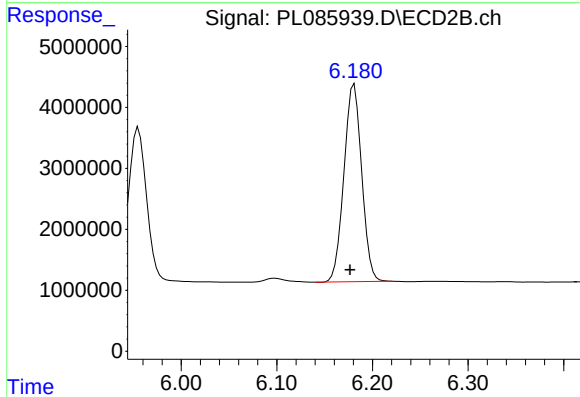
#19 Endosulfan Sulfate

R.T.: 6.990 min
Delta R.T.: 0.011 min
Response: 117669892
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

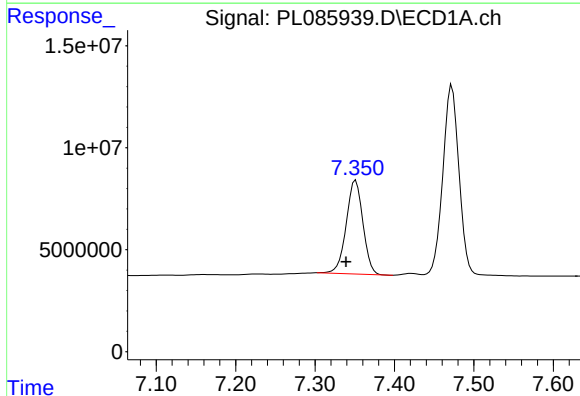
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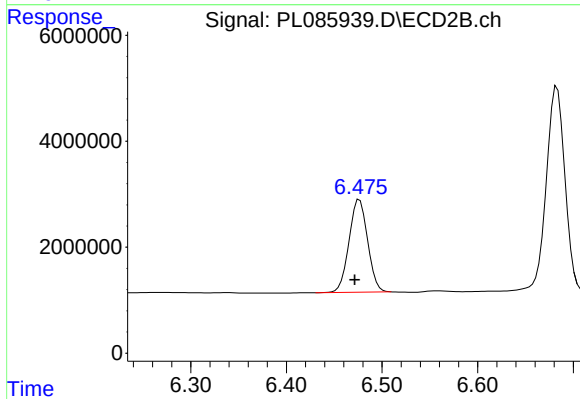
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: 0.004 min
Response: 41982390
Conc: 46.54 ng/ml



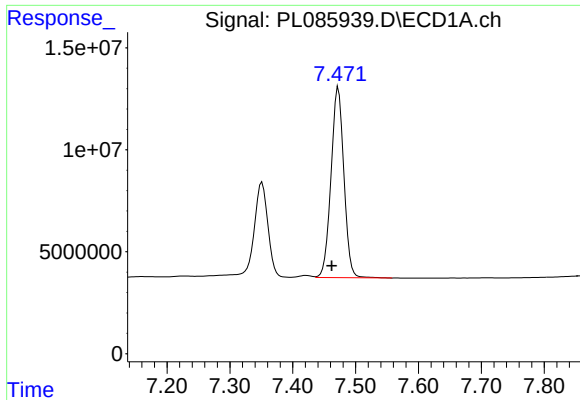
#20 Methoxychlor

R.T.: 7.351 min
Delta R.T.: 0.012 min
Response: 67249767
Conc: 48.15 ng/ml



#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: 0.005 min
Response: 23770023
Conc: 45.18 ng/ml



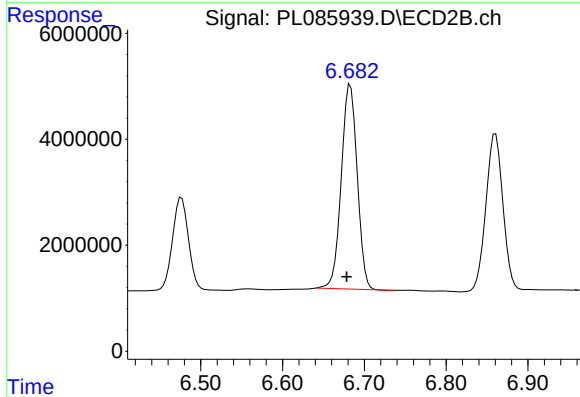
#21 Endrin ketone

R.T.: 7.472 min
Delta R.T.: 0.011 min
Response: 132616364
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

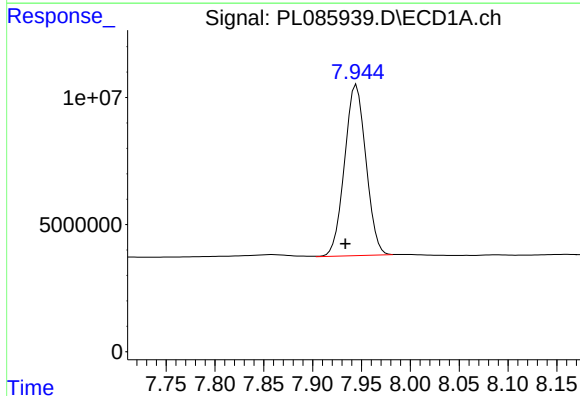
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Reviewed By :Abdul Mirza 10/17/2023
Supervised By :Ankita Jodhani 10/17/2023



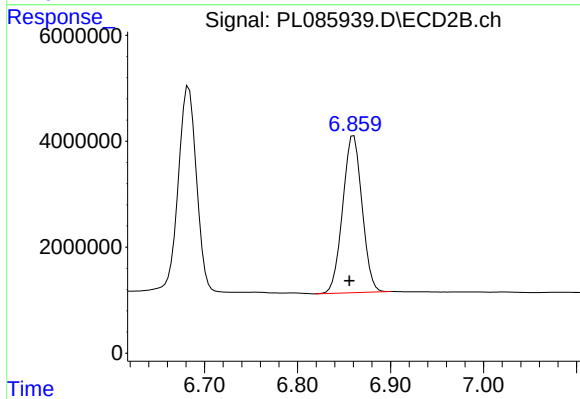
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: 0.005 min
Response: 51997218
Conc: 45.24 ng/ml



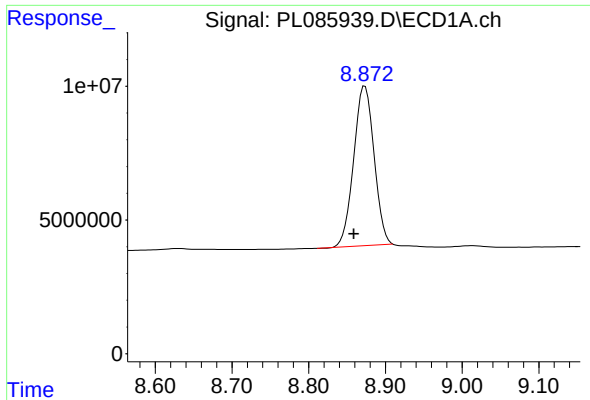
#22 Mirex

R.T.: 7.944 min
Delta R.T.: 0.010 min
Response: 102518510
Conc: 46.30 ng/ml m



#22 Mirex

R.T.: 6.860 min
Delta R.T.: 0.005 min
Response: 42746644
Conc: 45.32 ng/ml



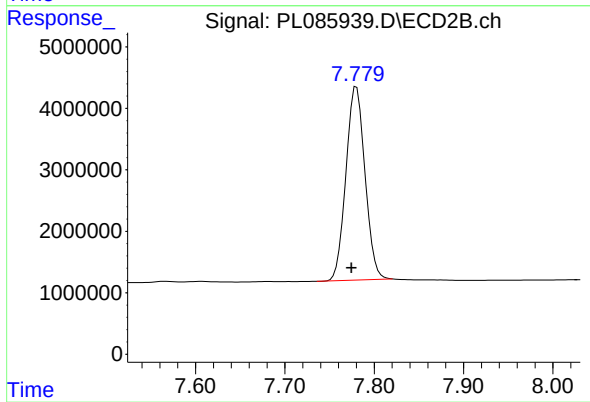
#28 Decachlorobiphenyl

R.T.: 8.873 min
Delta R.T.: 0.015 min
Response: 110934990
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2023
Supervised By :Ankita Jodhani 10/17/2023



#28 Decachlorobiphenyl

R.T.: 7.780 min
Delta R.T.: 0.006 min
Response: 46699689
Conc: 50.60 ng/ml