

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
 Data File : PL081924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 07:54
 Operator : AR\AJ
 Sample : 02222-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E-H4(ELEV-24)MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 12:41:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.655	38699984	33182725	16.639	16.623
28)	SA Decachlor...	8.749	7.771	26362562	31672526	14.731	15.970
Target Compounds							
2)	A alpha-BHC	3.777	3.154	150.2E6	122.8E6	43.816	42.141
3)	MA gamma-BHC...	4.106	3.481	141.1E6	123.3E6	44.412	44.272
4)	MA Heptachlor	4.683	3.814	126.7E6	117.1E6	40.181m	40.858
5)	MB Aldrin	5.021	4.091	130.6E6	119.0E6	45.646	44.657
6)	B beta-BHC	4.308	3.780	63838085	52492710	42.415	44.075
7)	B delta-BHC	4.550	4.007	139.6E6	118.1E6	45.938	45.668
8)	B Heptachlo...	5.448	4.593	121.0E6	112.4E6	44.470	46.279
9)	A Endosulfan I	5.829	4.961	108.0E6	101.6E6	43.727	46.040
10)	B gamma-Chl...	5.702	4.842	117.5E6	111.8E6	44.744	46.017
11)	B alpha-Chl...	5.780	4.905	116.3E6	112.6E6	44.936	46.369
12)	B 4,4'-DDE	5.958	5.096	100.4E6	95431178	44.539	48.447
13)	MA Dieldrin	6.103	5.225	111.4E6	109.3E6	45.997	48.605
14)	MA Endrin	6.329	5.499	89390658	91042989	42.261	44.988
15)	B Endosulfa...	6.551	5.794	96455530	95763870	45.453	52.790m
16)	A 4,4'-DDD	6.473	5.650	89661904	83617506	49.716	55.101
17)	MA 4,4'-DDT	6.785	5.899	74685607	71389699	36.798	41.427
18)	B Endrin al...	6.681	5.976	78509548	76666476	47.985	49.367
19)	B Endosulfa...	6.916	6.199	95882224	91926480	46.008	47.246
20)	A Methoxychlor	7.265	6.478	42973503	43924777	39.905	44.100
21)	B Endrin ke...	7.396	6.704	105.7E6	112.8E6	50.466	52.799
22)	Mirex	7.861	6.876	76245755	91059644	44.503	47.433

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
Data File : PL081924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2023 07:54
Operator : AR\AJ
Sample : 02222-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

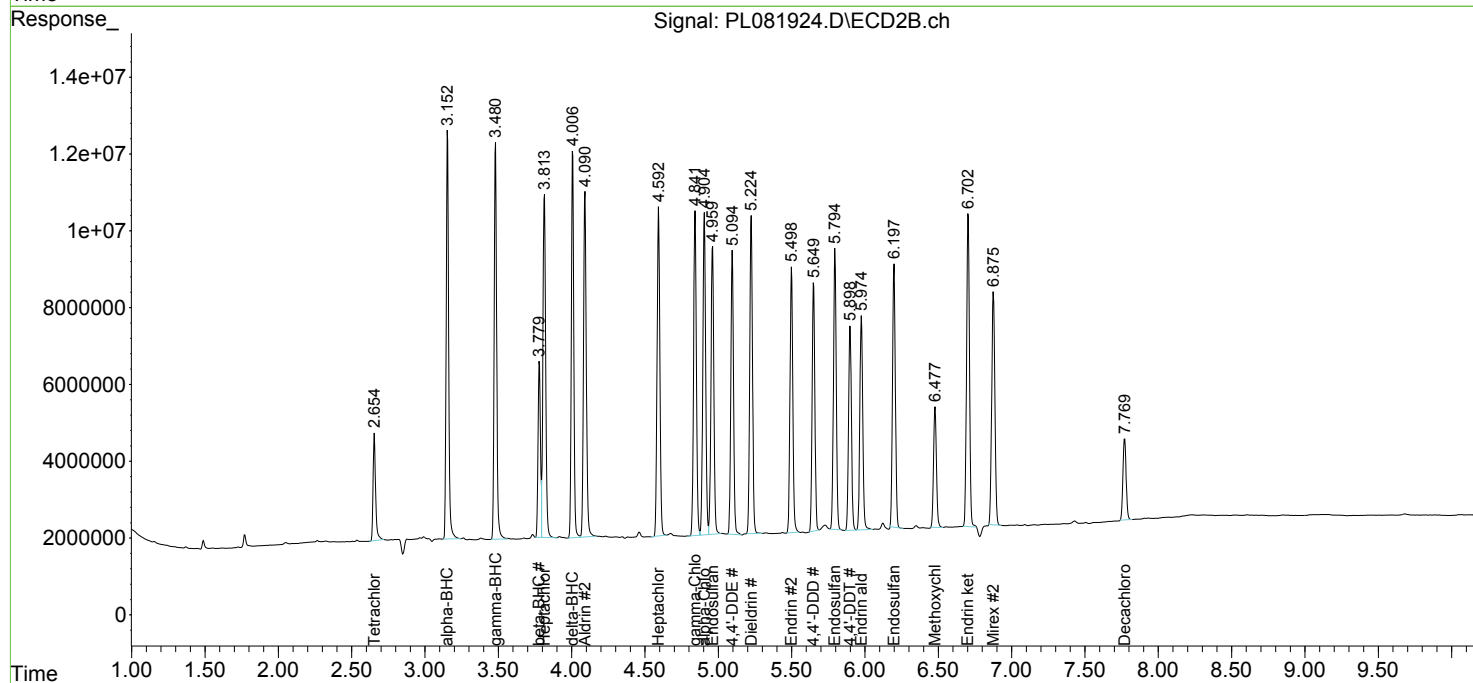
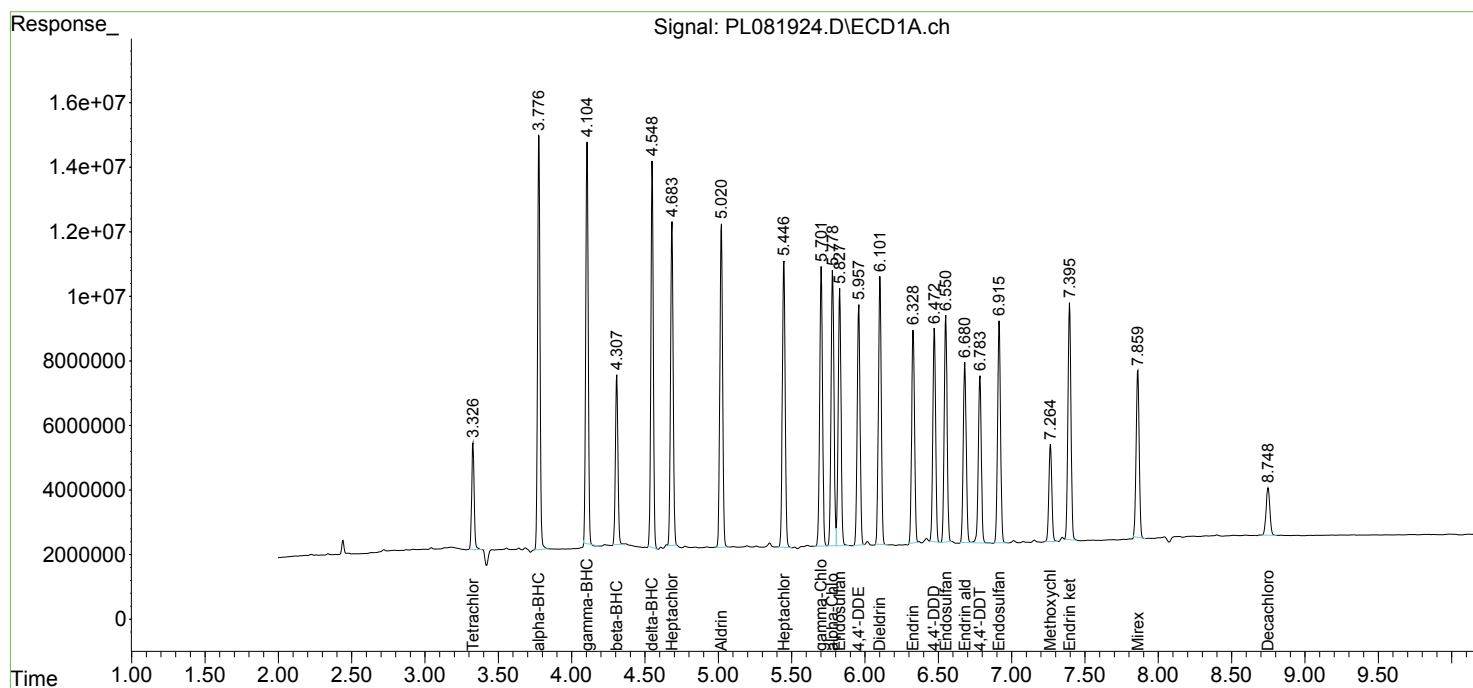
Instrument :
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E-H4(ELEV-24)MSD

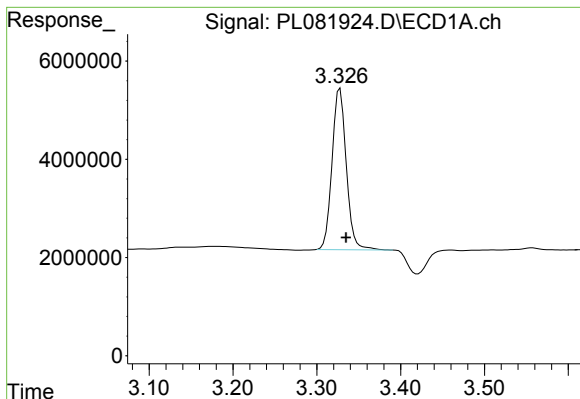
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Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 12:41:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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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





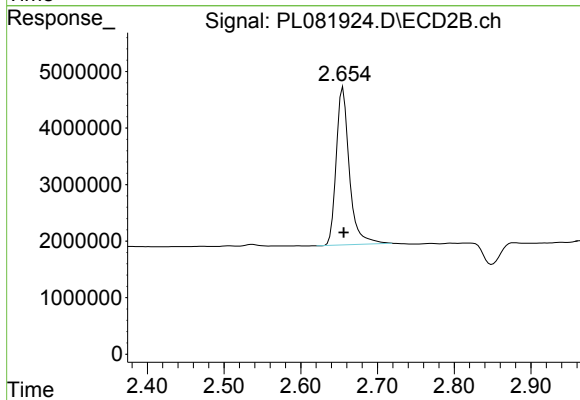
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 38699984
Conc: 16.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

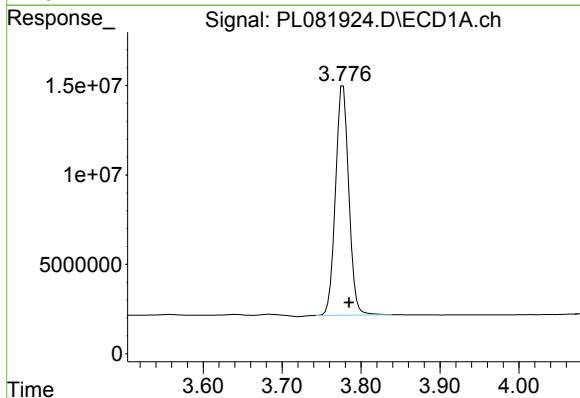
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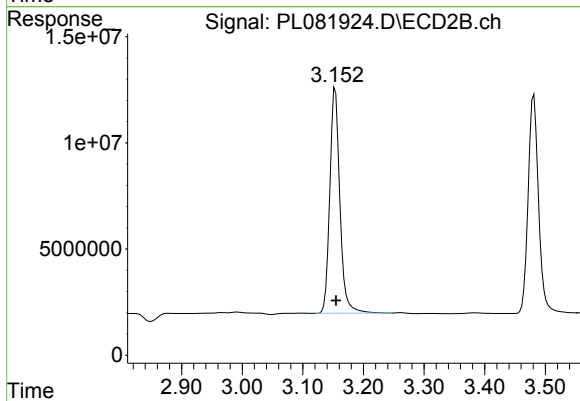
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.000 min
Response: 33182725
Conc: 16.62 ng/ml



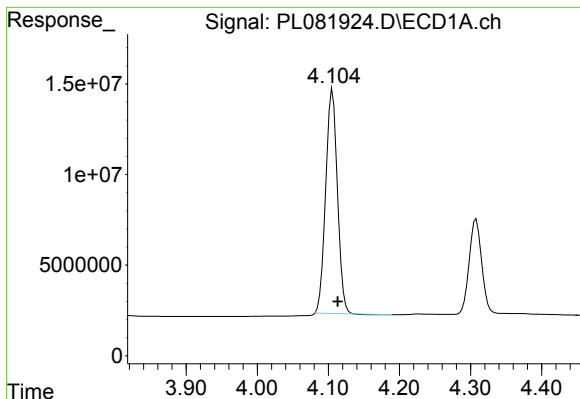
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: -0.008 min
Response: 150216850
Conc: 43.82 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: -0.001 min
Response: 122841003
Conc: 42.14 ng/ml



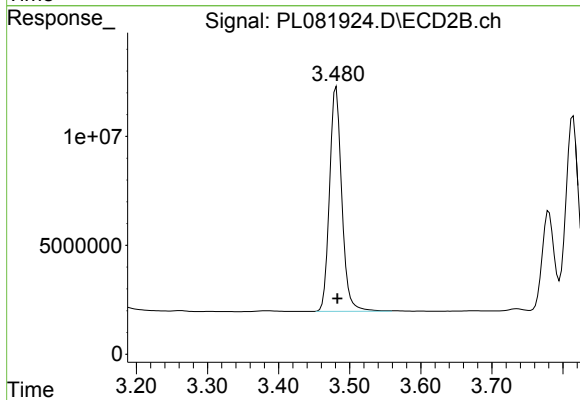
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 141089287
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

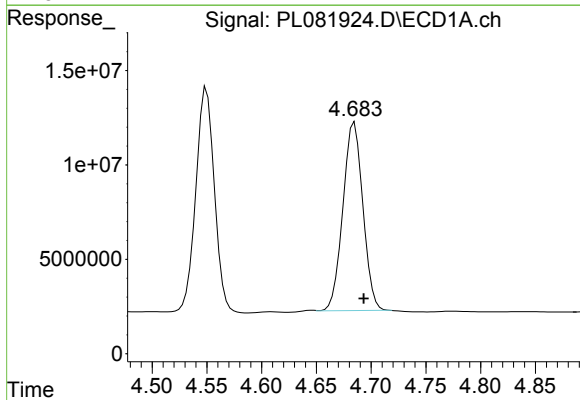
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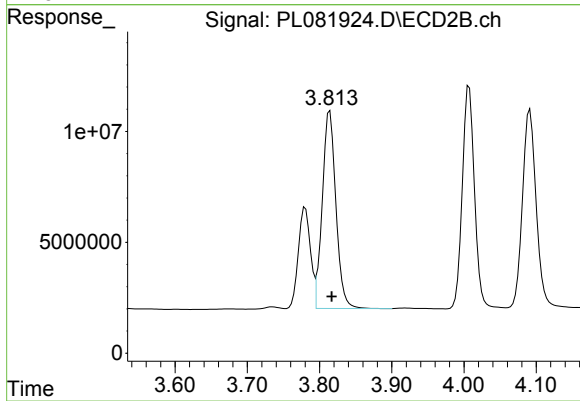
#3 gamma-BHC (Lindane)

R.T.: 3.481 min
Delta R.T.: -0.002 min
Response: 123262158
Conc: 44.27 ng/ml



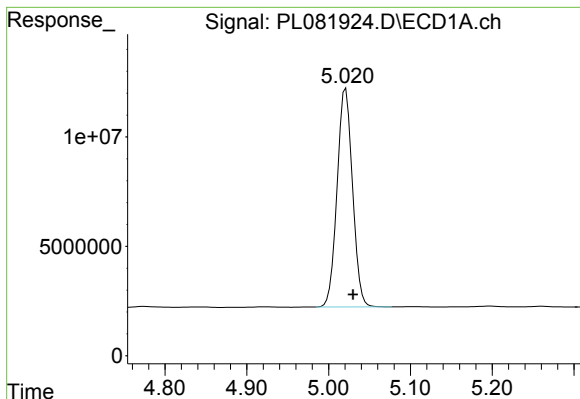
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 126658505
Conc: 40.18 ng/ml m



#4 Heptachlor

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 117137404
Conc: 40.86 ng/ml



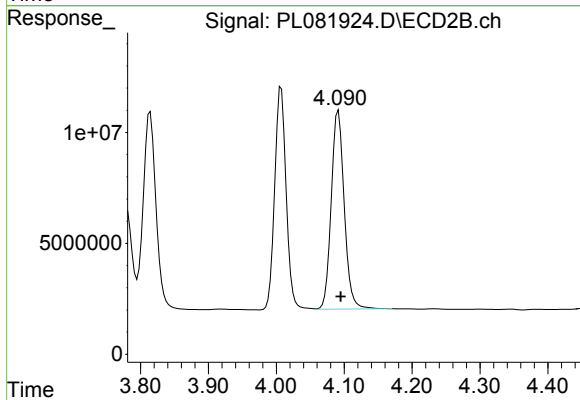
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.009 min
Response: 130561917
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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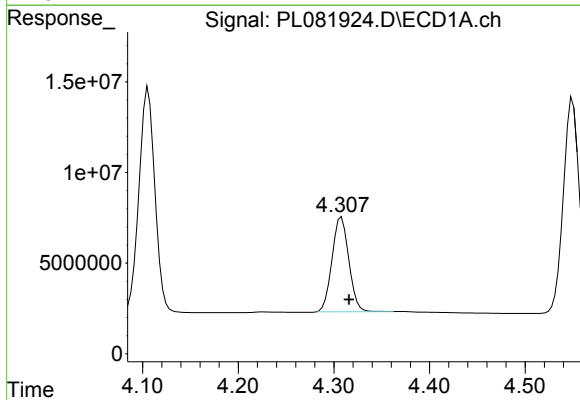
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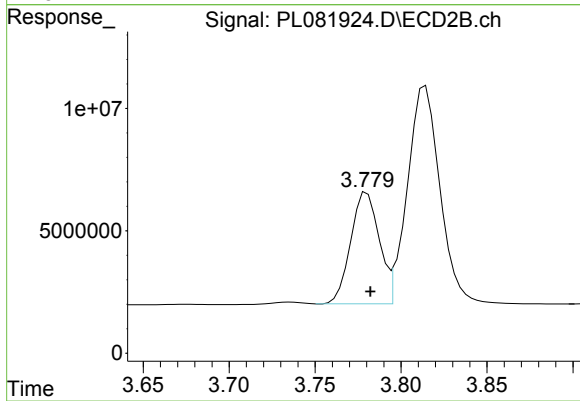
#5 Aldrin

R.T.: 4.091 min
Delta R.T.: -0.003 min
Response: 118985907
Conc: 44.66 ng/ml



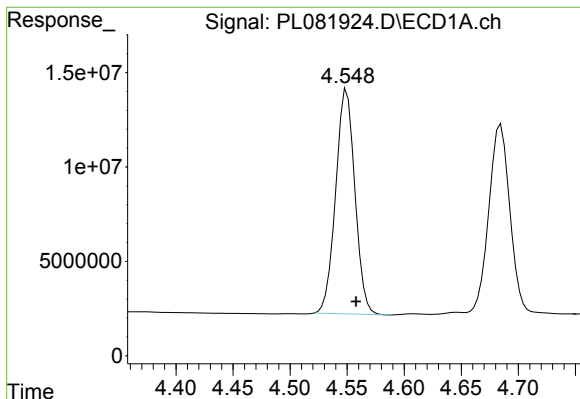
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 63838085
Conc: 42.41 ng/ml



#6 beta-BHC

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 52492710
Conc: 44.08 ng/ml



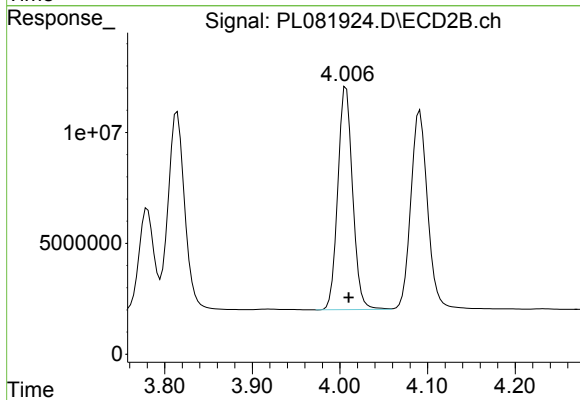
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 139613986
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

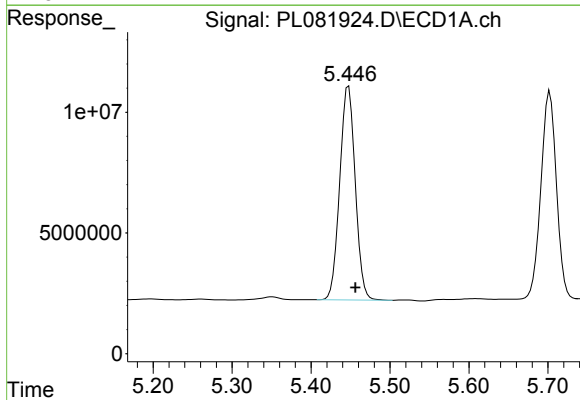
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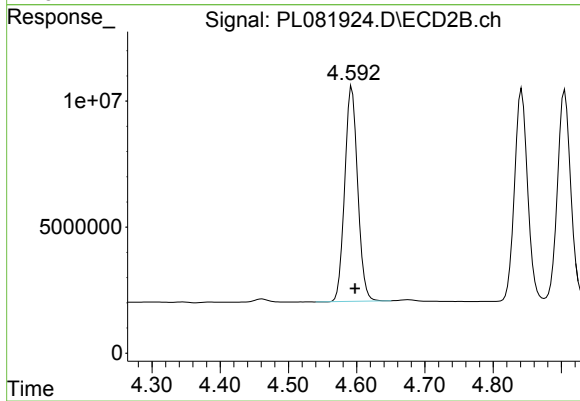
#7 delta-BHC

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 118102982
Conc: 45.67 ng/ml



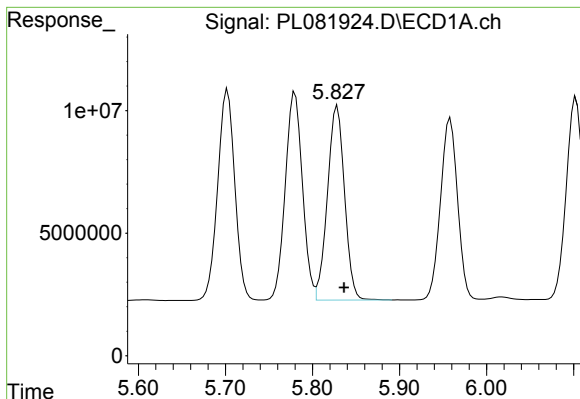
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.009 min
Response: 120958560
Conc: 44.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 112400525
Conc: 46.28 ng/ml



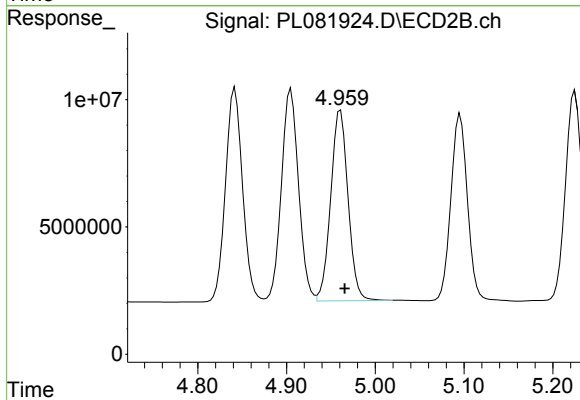
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.008 min
Response: 108041848
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

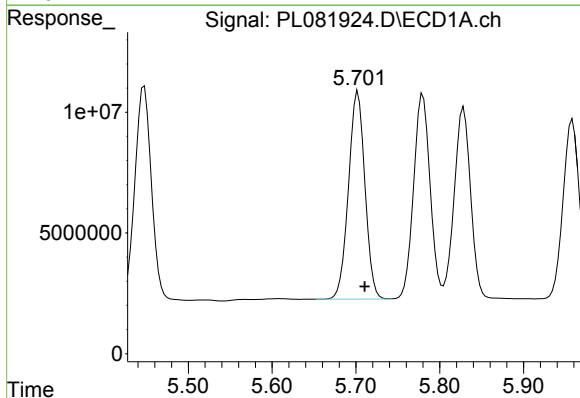
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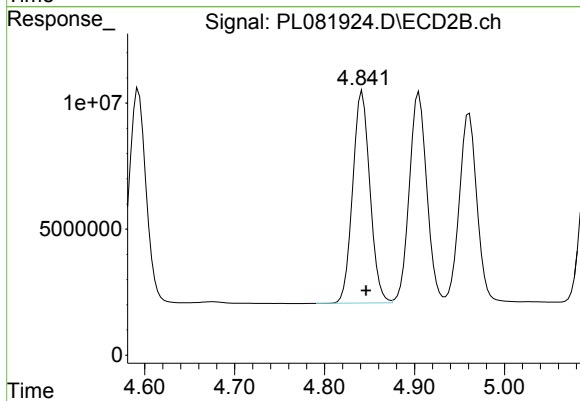
#9 Endosulfan I

R.T.: 4.961 min
Delta R.T.: -0.005 min
Response: 101644166
Conc: 46.04 ng/ml



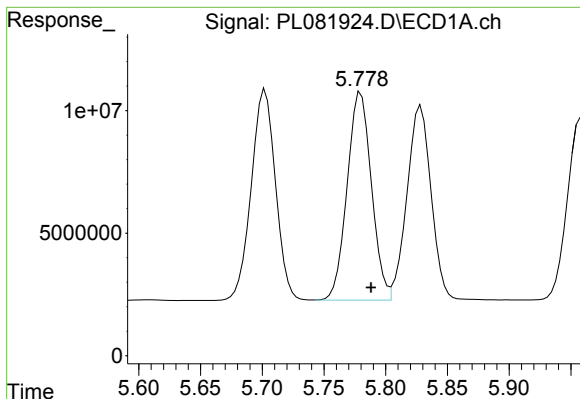
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 117463858
Conc: 44.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 111839967
Conc: 46.02 ng/ml



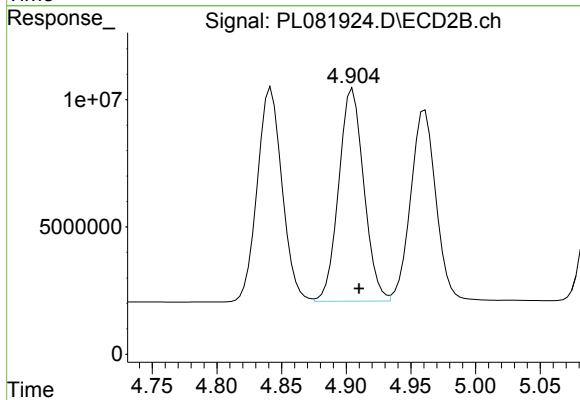
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 116312060
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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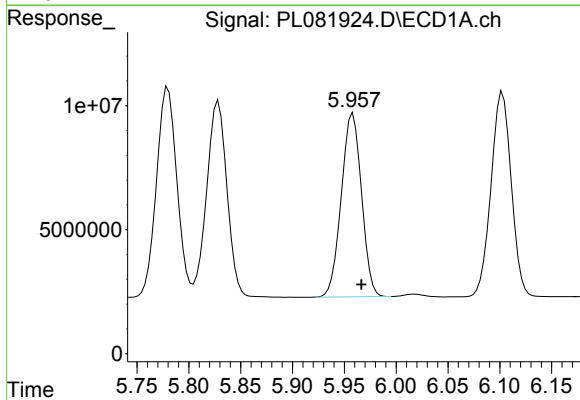
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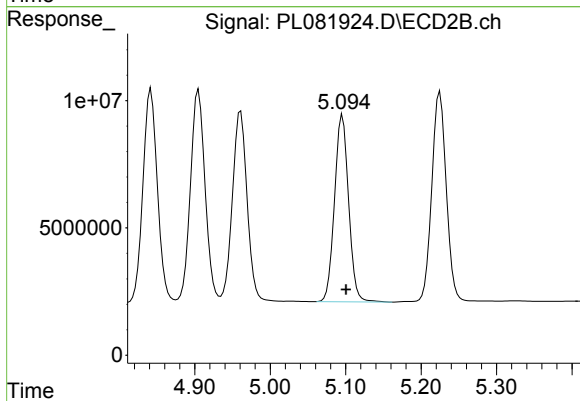
#11 alpha-Chlordane

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 112628538
Conc: 46.37 ng/ml



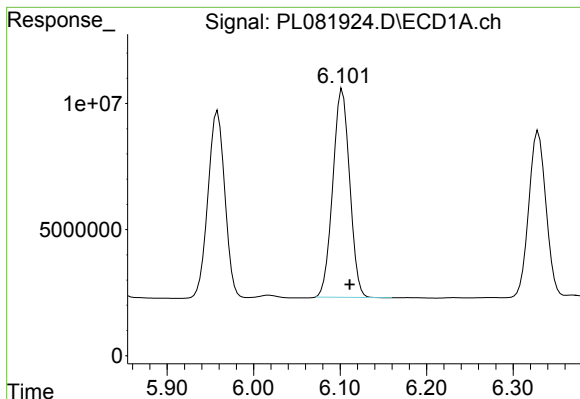
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 100374512
Conc: 44.54 ng/ml



#12 4,4'-DDE

R.T.: 5.096 min
Delta R.T.: -0.005 min
Response: 95431178
Conc: 48.45 ng/ml



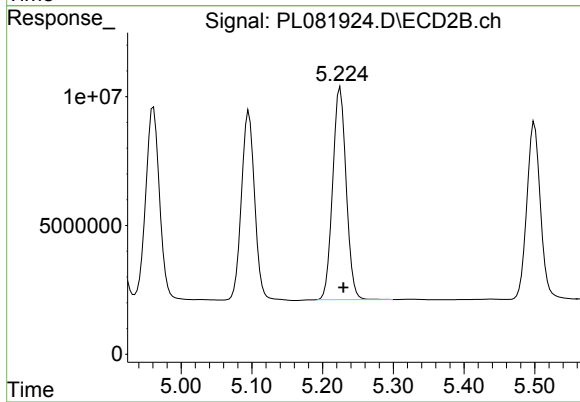
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.008 min
Response: 111356262
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

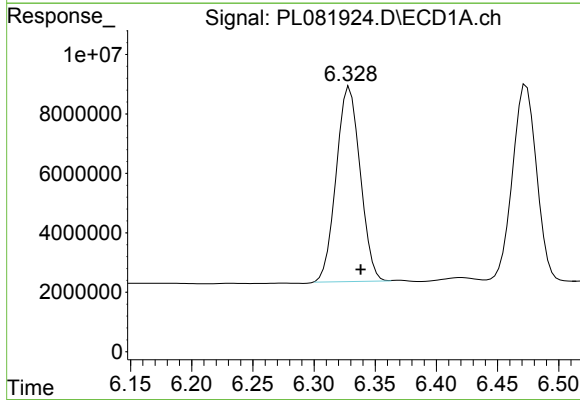
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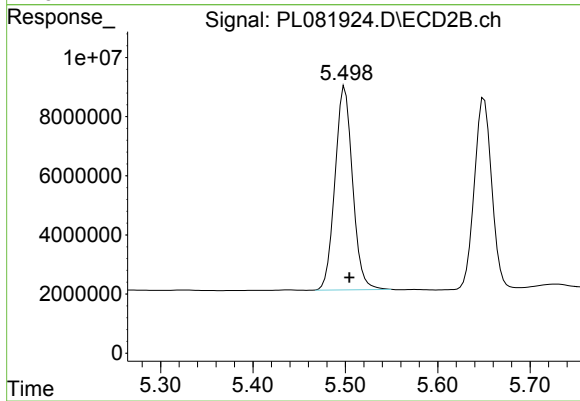
#13 Dieldrin

R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 109333444
Conc: 48.61 ng/ml



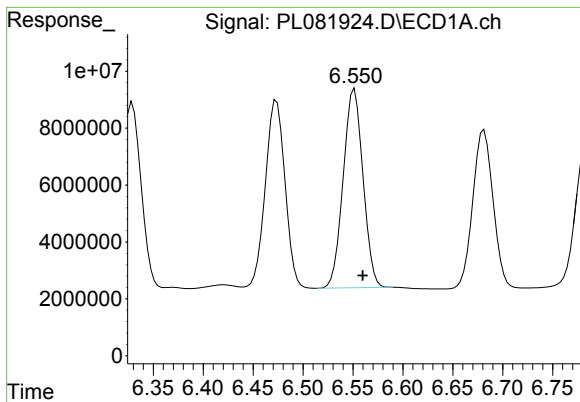
#14 Endrin

R.T.: 6.329 min
Delta R.T.: -0.009 min
Response: 89390658
Conc: 42.26 ng/ml



#14 Endrin

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 91042989
Conc: 44.99 ng/ml



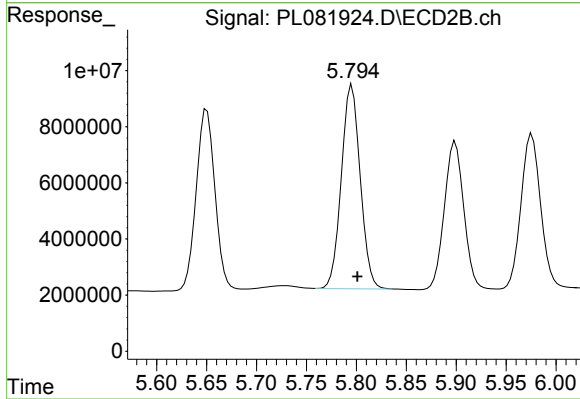
#15 Endosulfan II

R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 96455530
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

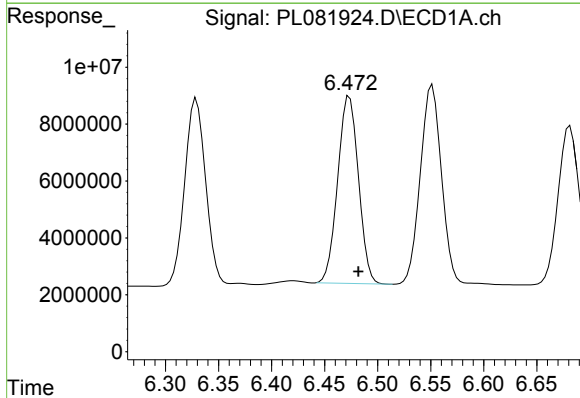
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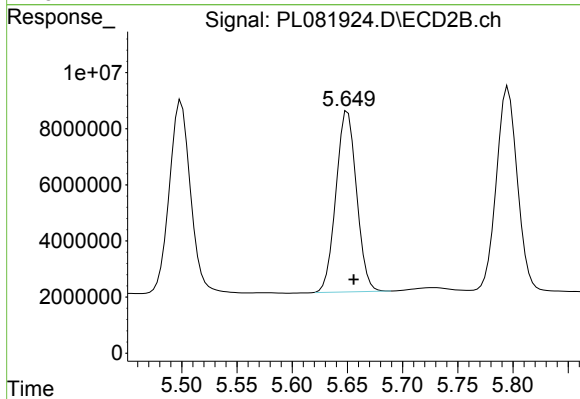
#15 Endosulfan II

R.T.: 5.794 min
Delta R.T.: -0.007 min
Response: 95763870
Conc: 52.79 ng/ml m



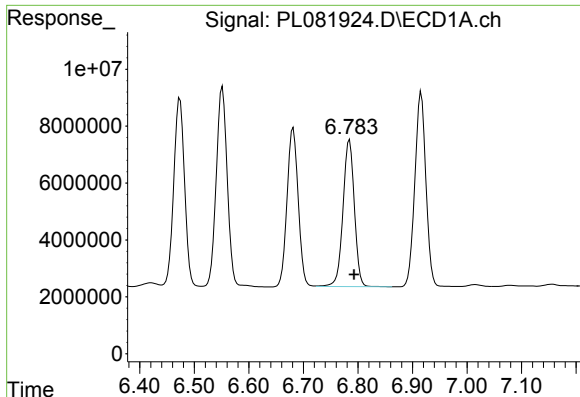
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 89661904
Conc: 49.72 ng/ml



#16 4,4'-DDD

R.T.: 5.650 min
Delta R.T.: -0.006 min
Response: 83617506
Conc: 55.10 ng/ml



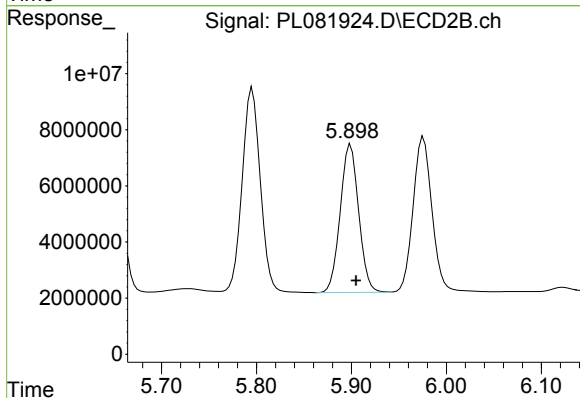
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 74685607
Conc: 36.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

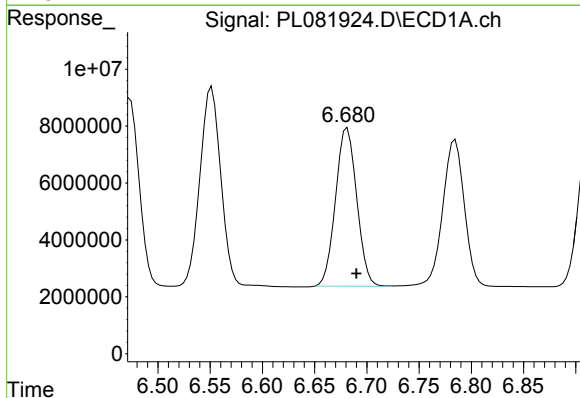
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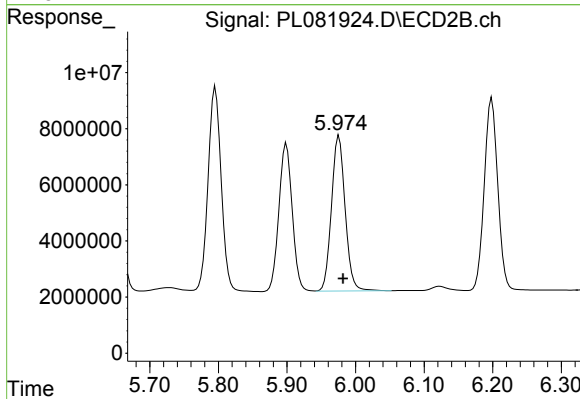
#17 4,4'-DDT

R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 71389699
Conc: 41.43 ng/ml



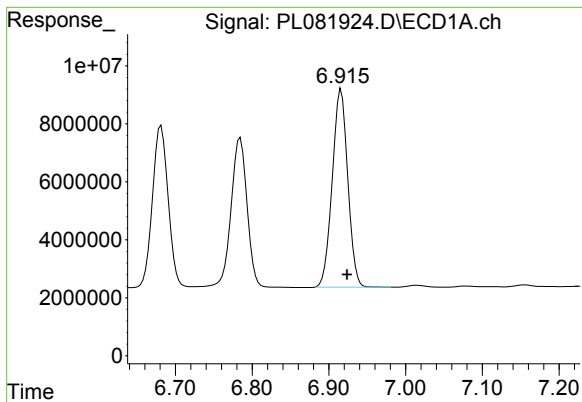
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 78509548
Conc: 47.99 ng/ml



#18 Endrin aldehyde

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 76666476
Conc: 49.37 ng/ml



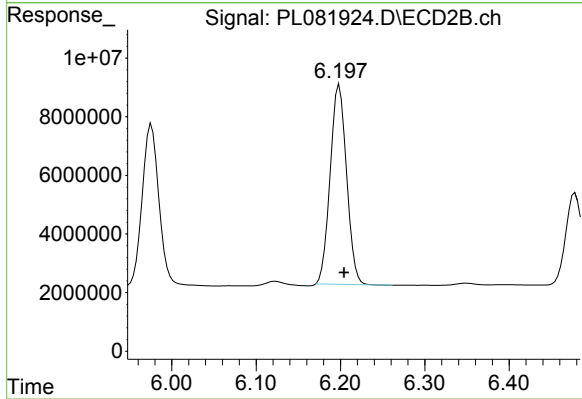
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.008 min
Response: 95882224
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

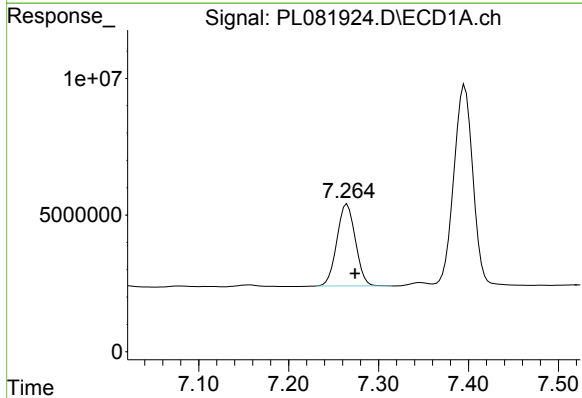
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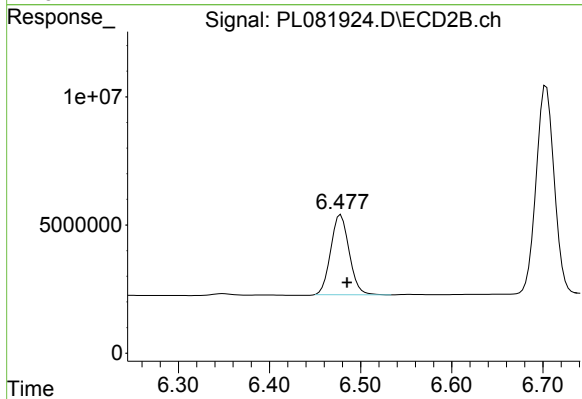
#19 Endosulfan Sulfate

R.T.: 6.199 min
Delta R.T.: -0.006 min
Response: 91926480
Conc: 47.25 ng/ml



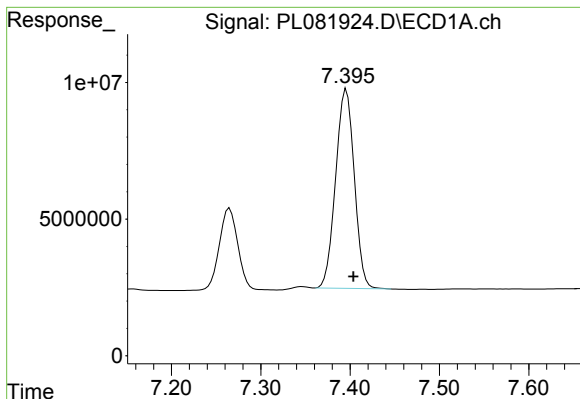
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 42973503
Conc: 39.91 ng/ml



#20 Methoxychlor

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 43924777
Conc: 44.10 ng/ml



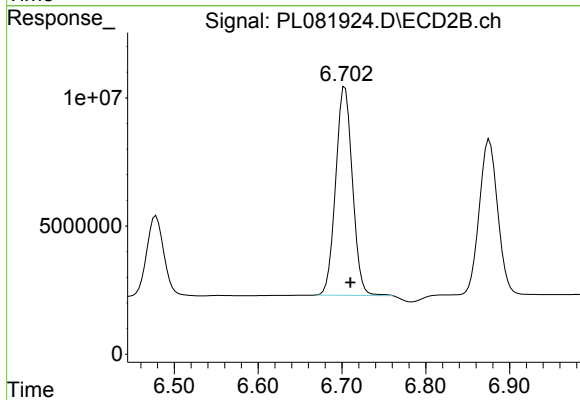
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 105708586
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

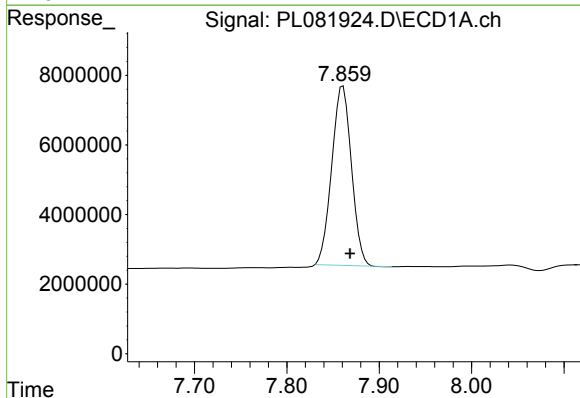
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



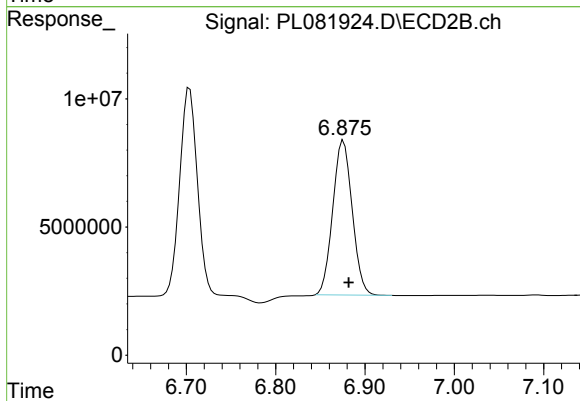
#21 Endrin ketone

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 112830605
Conc: 52.80 ng/ml



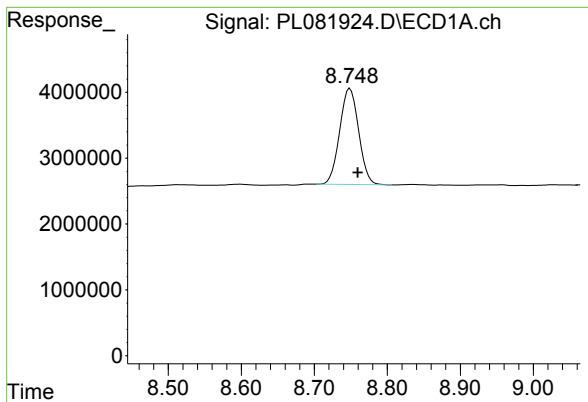
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 76245755
Conc: 44.50 ng/ml



#22 Mirex

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 91059644
Conc: 47.43 ng/ml



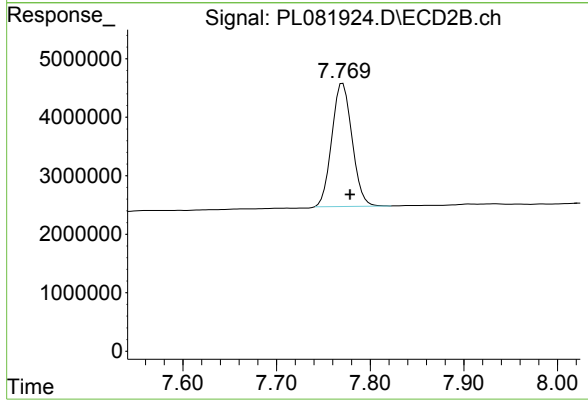
#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.011 min
Response: 26362562
Conc: 14.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2023
Supervised By :Ankita Jodhani 04/10/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.008 min
Response: 31672526
Conc: 15.97 ng/ml