

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
 Data File : PL082109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 13:36
 Operator : AR\AJ
 Sample : 02341-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH1-BOT-2MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/17/2023
 Supervised By : Ankita Jodhani 04/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 14 22:16:33 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...	3.325	2.652	36492202	34648937	15.690	17.358
28)	SA Decachlor...	8.745	7.766	28204546	33705232	15.760	16.995
Target Compounds							
2)	A alpha-BHC	3.775	3.151	138.7E6	126.8E6	40.465	43.509
3)	MA gamma-BHC...	4.102	3.478	134.2E6	124.6E6	42.235m	44.756
4)	MA Heptachlor	4.680	3.811	117.8E6	122.5E6	37.360m	42.745
5)	MB Aldrin	5.019	4.088	115.3E6	122.3E6	40.314	45.888
6)	B beta-BHC	4.306	3.778	58048034	52923161	38.568	44.436
7)	B delta-BHC	4.548	4.005	119.9E6	119.0E6	39.440	46.016
8)	B Heptachlo...	5.445	4.590	105.2E6	108.6E6	38.689	44.712
9)	A Endosulfan I	5.825	4.957	97351281	100.8E6	39.400	45.638
10)	B gamma-Chl...	5.700	4.838	101.6E6	106.4E6	38.690	43.785
11)	B alpha-Chl...	5.777	4.901	100.9E6	108.5E6	38.968	44.670
12)	B 4,4'-DDE	5.955	5.092	89065760	93063035	39.521	47.245
13)	MA Dieldrin	6.100	5.221	96485756	104.0E6	39.855	46.244
14)	MA Endrin	6.327	5.495	82927126	90998178	39.205	44.966
15)	B Endosulfa...	6.549	5.790	87307484	86204787	41.142	47.521m
16)	A 4,4'-DDD	6.471	5.647	74017822	77196469	41.042	50.870
17)	MA 4,4'-DDT	6.783	5.895	67220279	70671170	33.119	41.010
18)	B Endrin al...	6.679	5.972	68146777	74339065	41.652	47.868
19)	B Endosulfa...	6.913	6.193	82073254	87842810	39.382	45.147m
20)	A Methoxychlor	7.263	6.474	39431653	43792959	36.616	43.967m
21)	B Endrin ke...	7.393	6.700	86585766	97441944	41.336	45.598
22)	Mirex	7.856	6.870	68147219	83079245	39.776m	43.276m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
Data File : PL082109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2023 13:36
Operator : AR\AJ
Sample : 02341-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

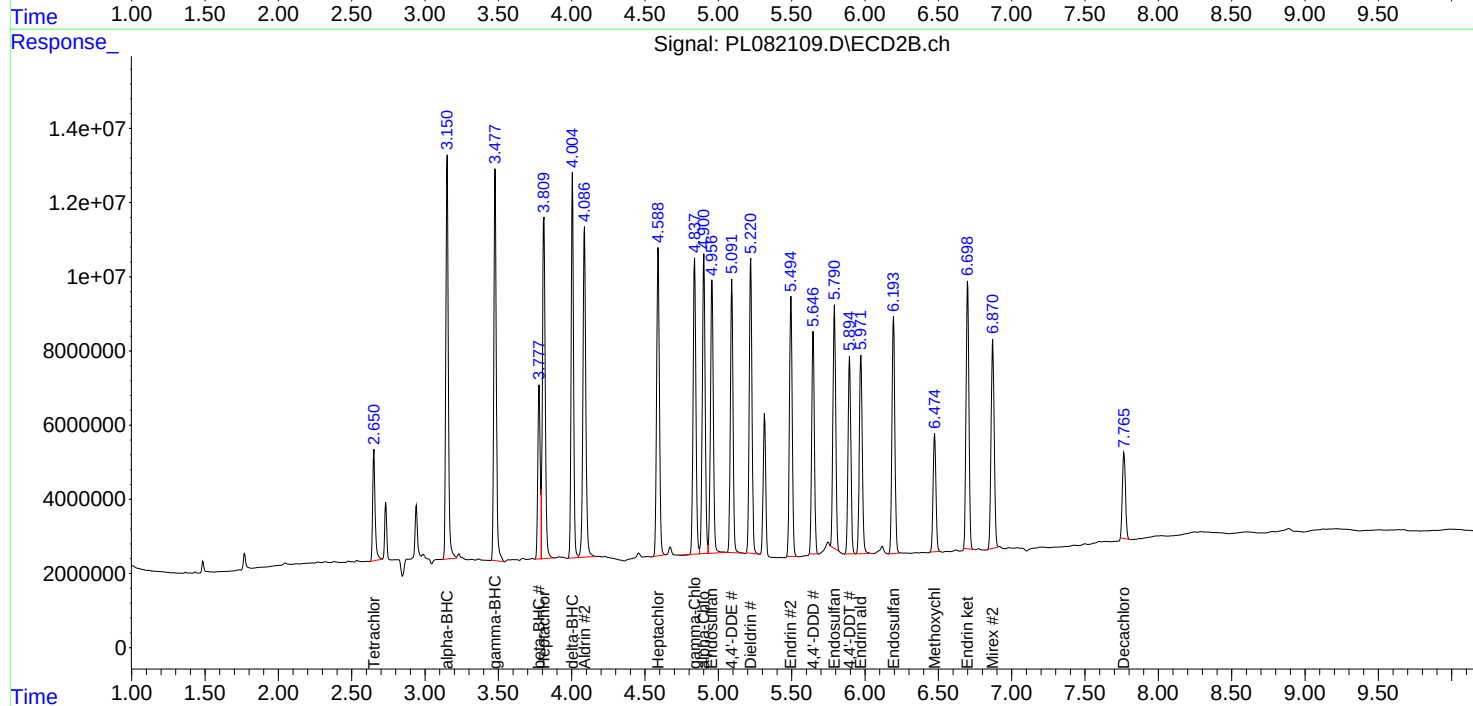
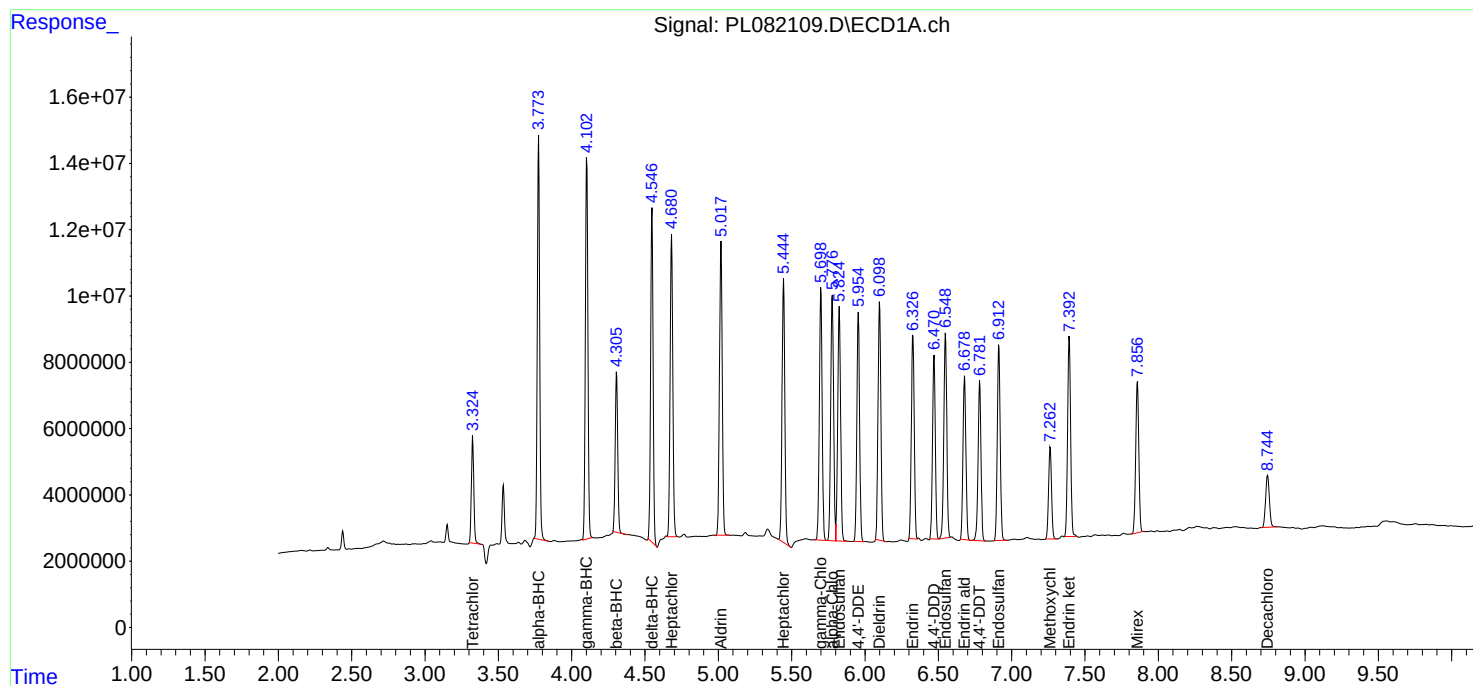
Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

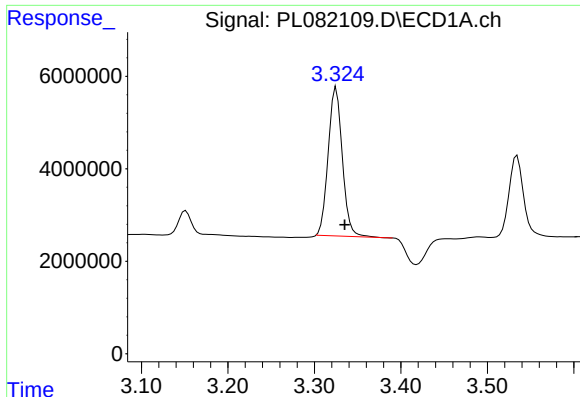
Manual Integrations
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Supervised By :Ankita Jodhani 04/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 14 22:16:33 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





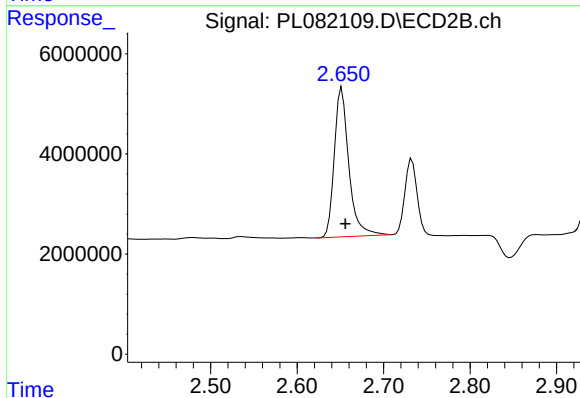
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 36492202
Conc: 15.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

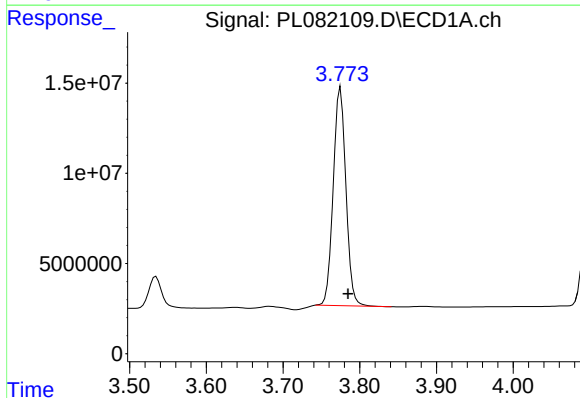
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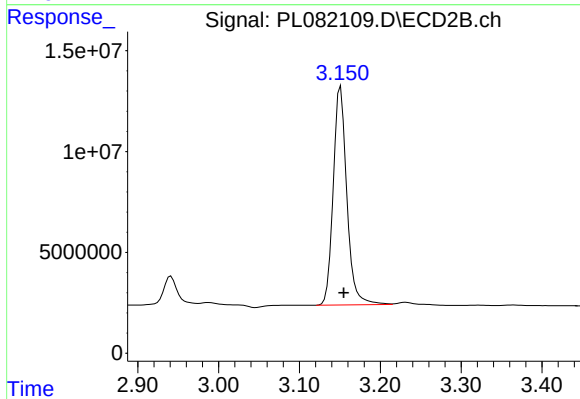
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 34648937
Conc: 17.36 ng/ml



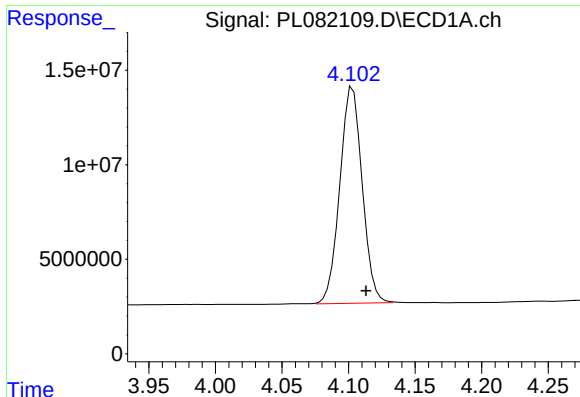
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 138728674
Conc: 40.46 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 126827167
Conc: 43.51 ng/ml



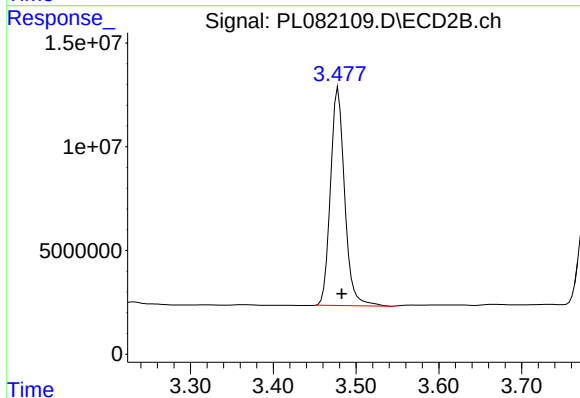
#3 gamma-BHC (Lindane)

R.T.: 4.102 min
Delta R.T.: -0.012 min
Response: 134171994
Conc: 42.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

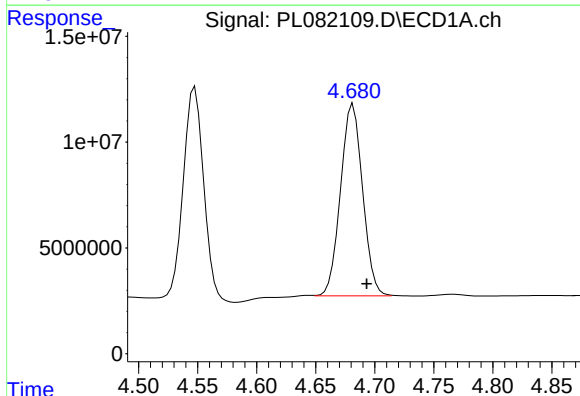
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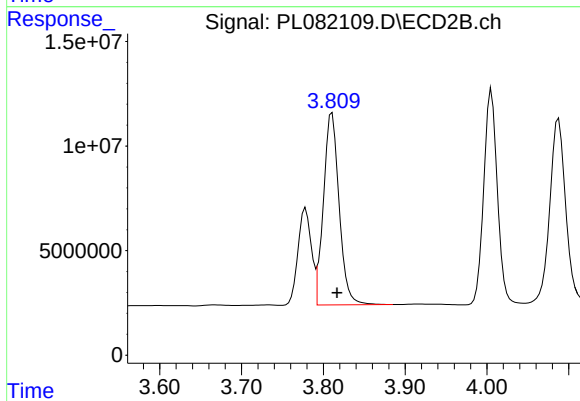
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.004 min
Response: 124611750
Conc: 44.76 ng/ml



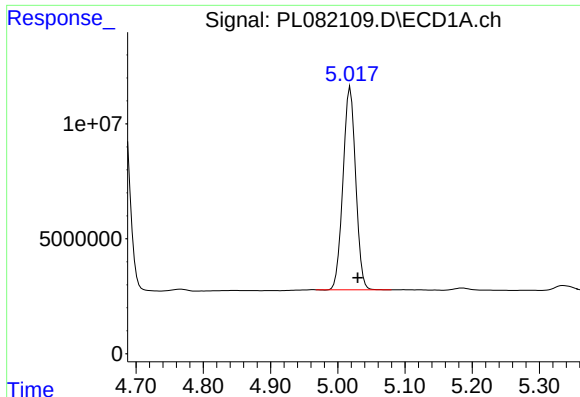
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.013 min
Response: 117765222
Conc: 37.36 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 122547922
Conc: 42.74 ng/ml



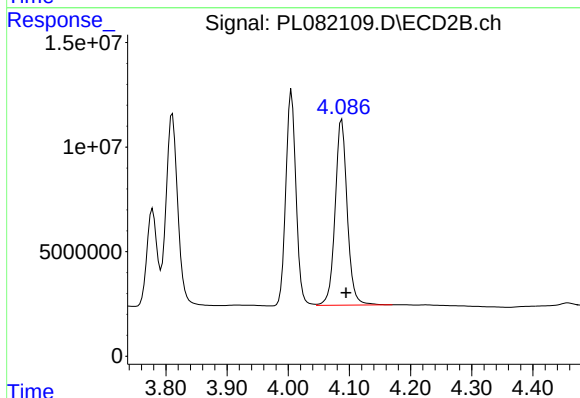
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 115309274
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

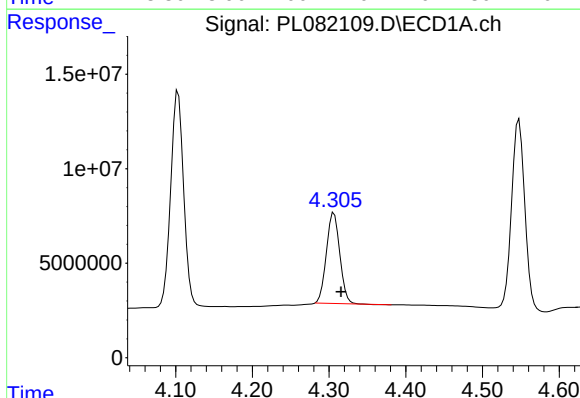
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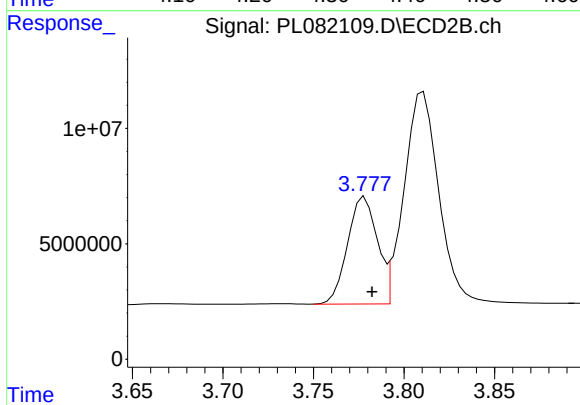
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 122266899
Conc: 45.89 ng/ml



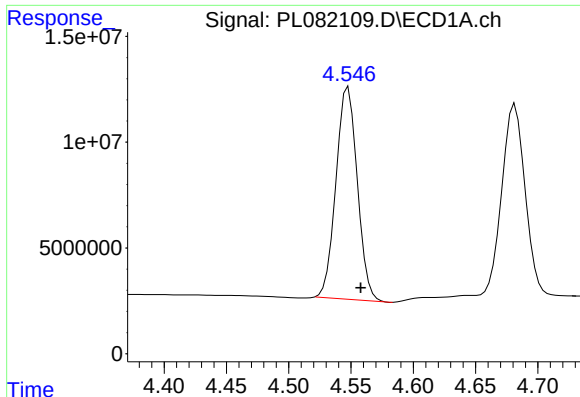
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 58048034
Conc: 38.57 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 52923161
Conc: 44.44 ng/ml



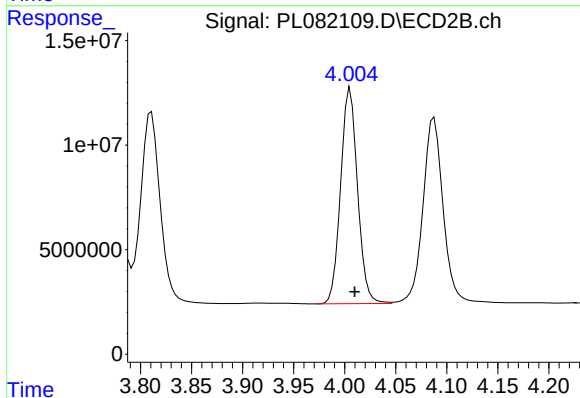
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 119867027
Conc: 39.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

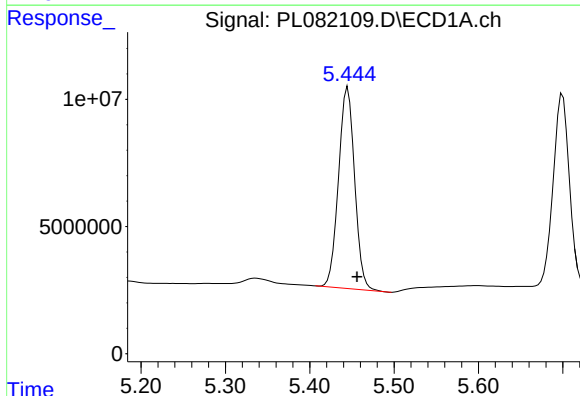
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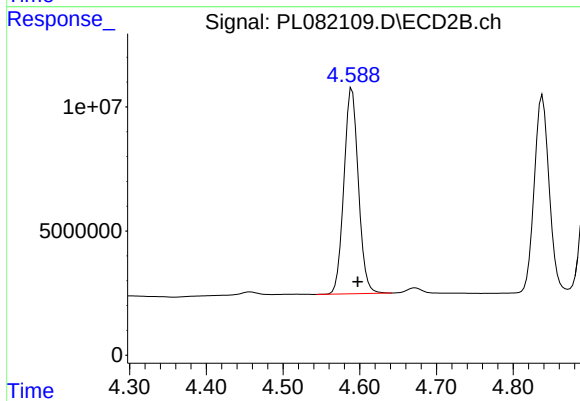
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 119002526
Conc: 46.02 ng/ml



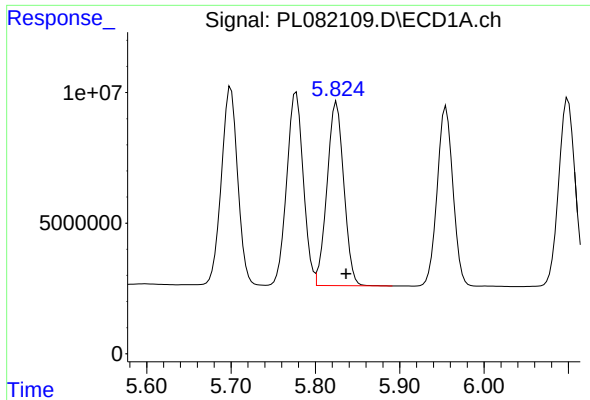
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 105235894
Conc: 38.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 108594946
Conc: 44.71 ng/ml



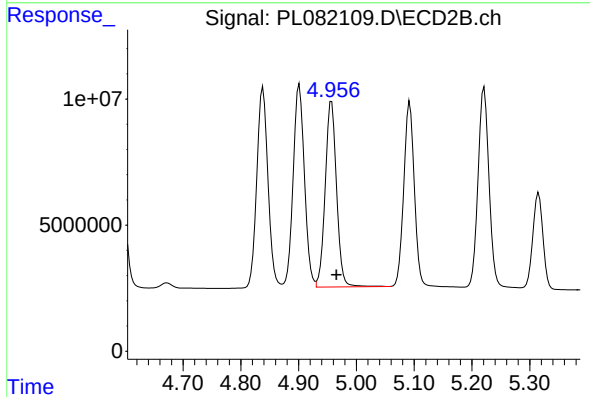
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.011 min
Response: 97351281
Conc: 39.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

Manual Integrations
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#9 Endosulfan I

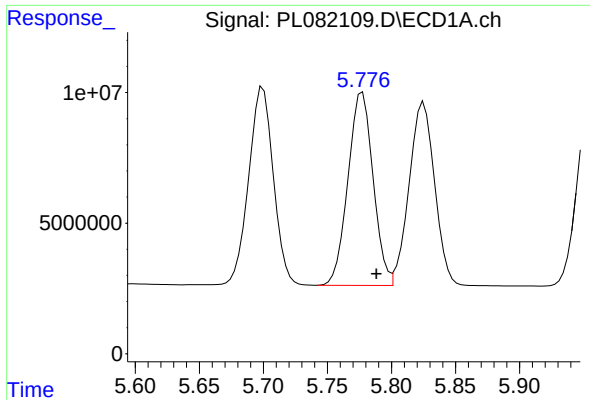
R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 100755550
Conc: 45.64 ng/ml

#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.011 min
Response: 101570519
Conc: 38.69 ng/ml

#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 106412999
Conc: 43.78 ng/ml



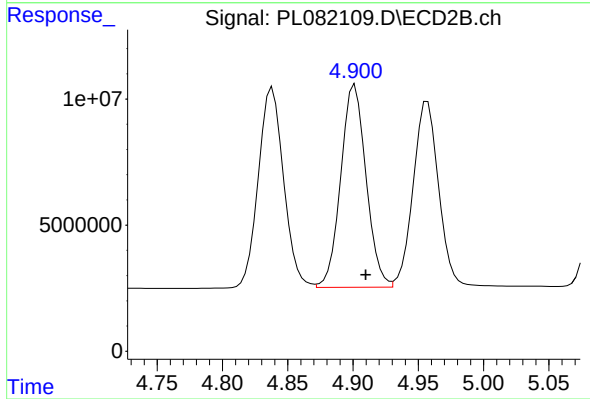
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 100865809
Conc: 38.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

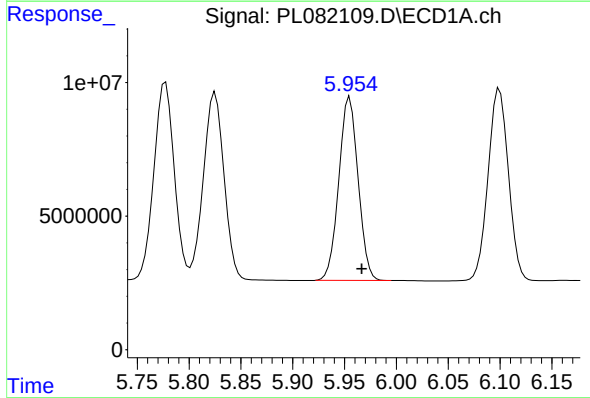
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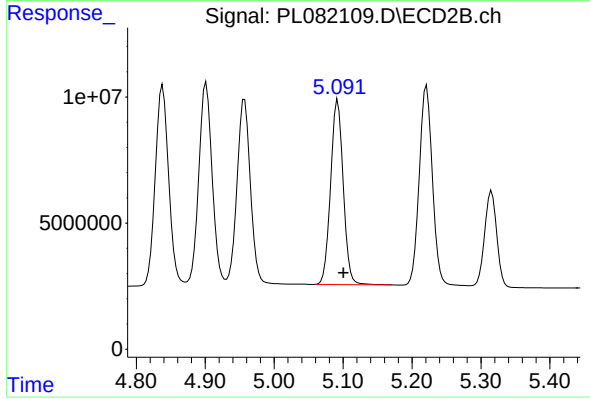
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.008 min
Response: 108500792
Conc: 44.67 ng/ml



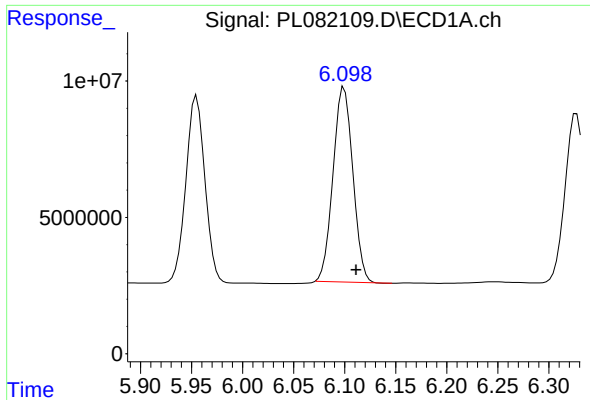
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 89065760
Conc: 39.52 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.008 min
Response: 93063035
Conc: 47.24 ng/ml



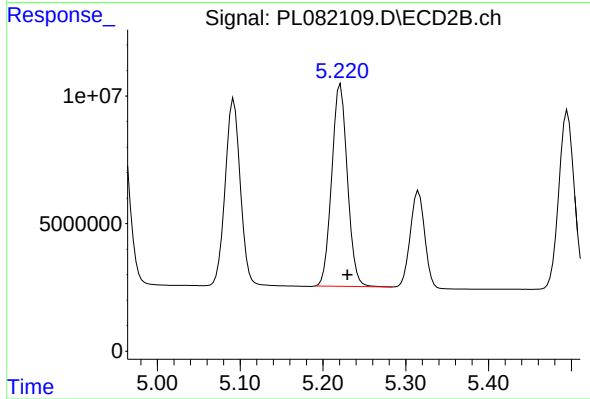
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.012 min
Response: 96485756
Conc: 39.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

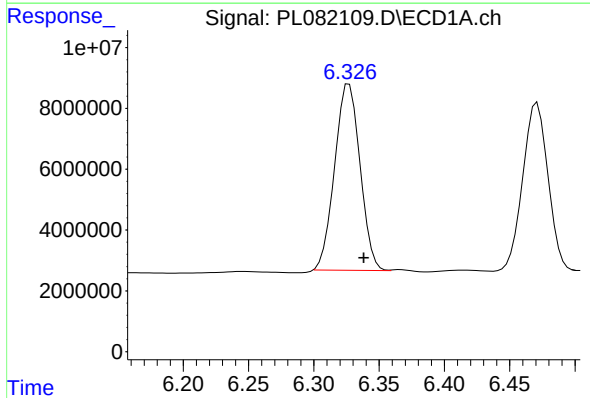
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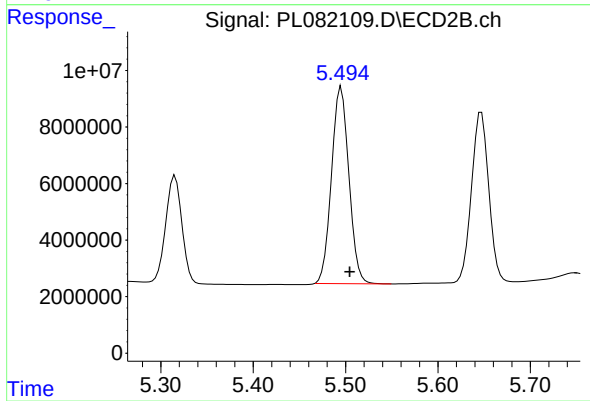
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 104022367
Conc: 46.24 ng/ml



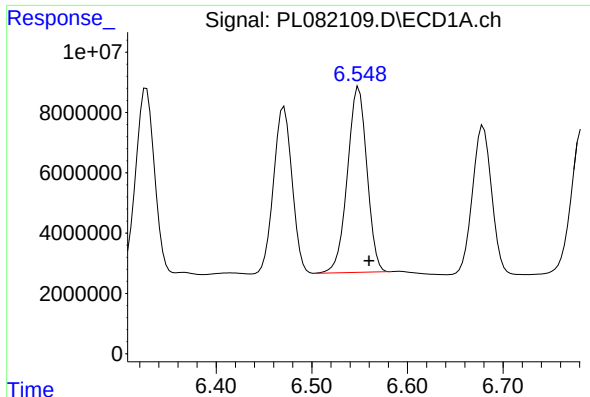
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 82927126
Conc: 39.20 ng/ml



#14 Endrin

R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 90998178
Conc: 44.97 ng/ml



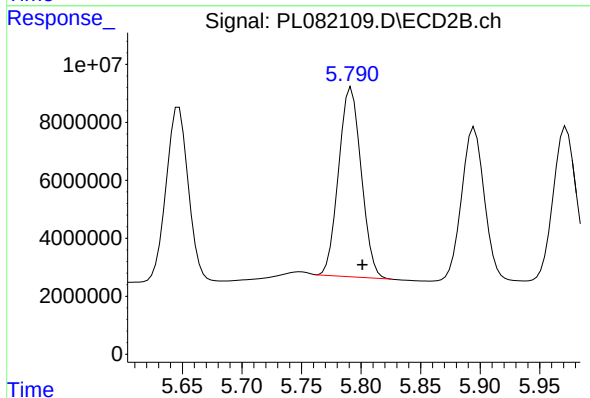
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 87307484
Conc: 41.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

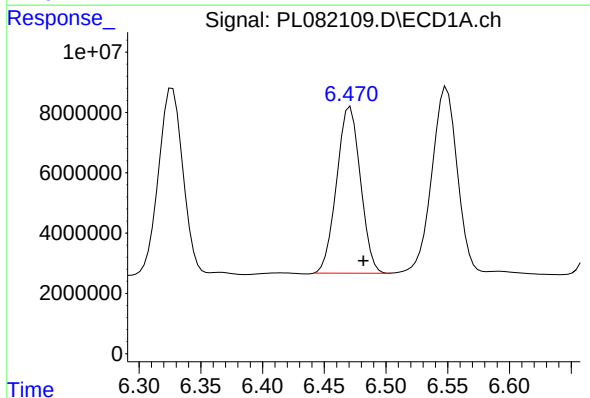
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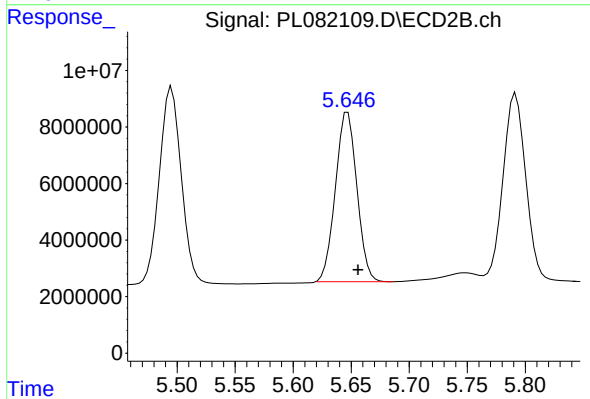
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 86204787
Conc: 47.52 ng/ml m



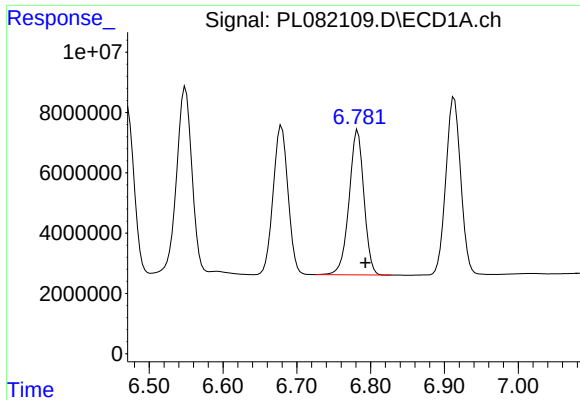
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 74017822
Conc: 41.04 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 77196469
Conc: 50.87 ng/ml



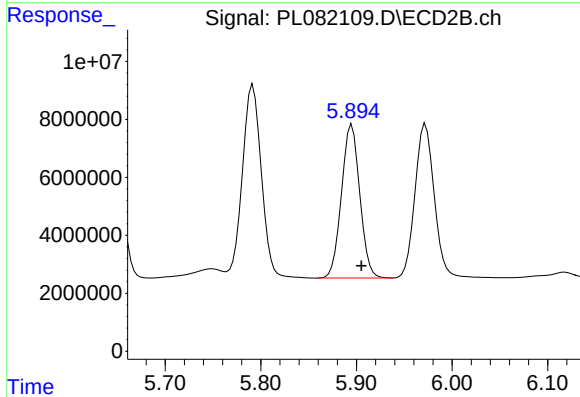
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 67220279
Conc: 33.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

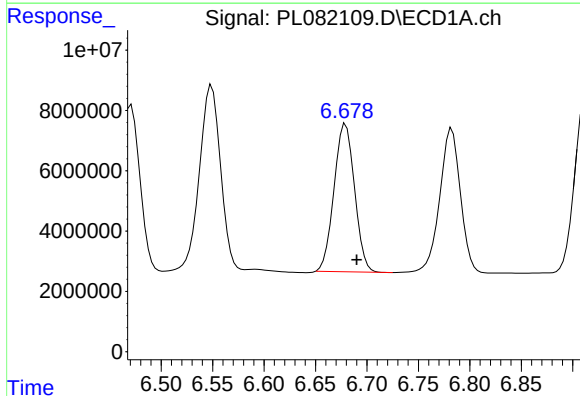
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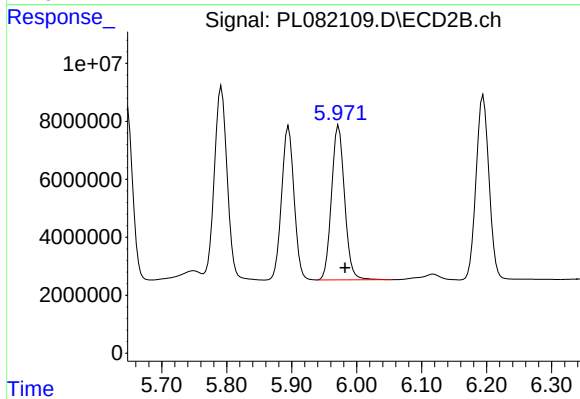
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 70671170
Conc: 41.01 ng/ml



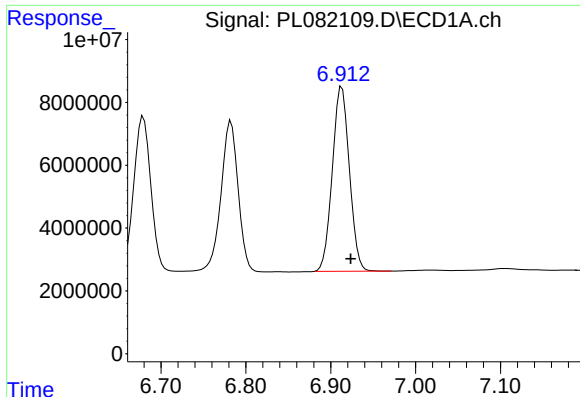
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 68146777
Conc: 41.65 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 74339065
Conc: 47.87 ng/ml



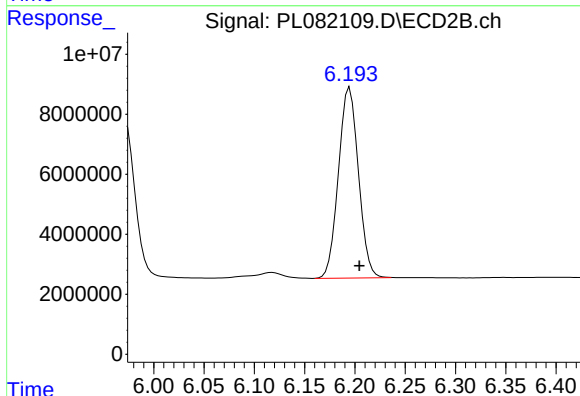
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 82073254
Conc: 39.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

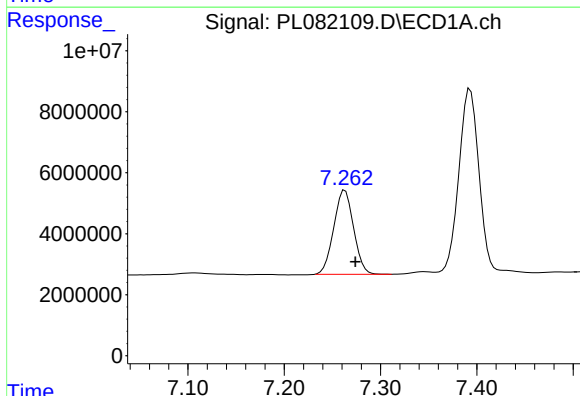
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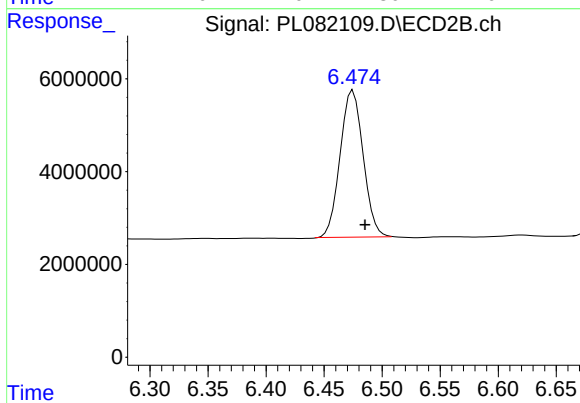
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 87842810
Conc: 45.15 ng/ml m



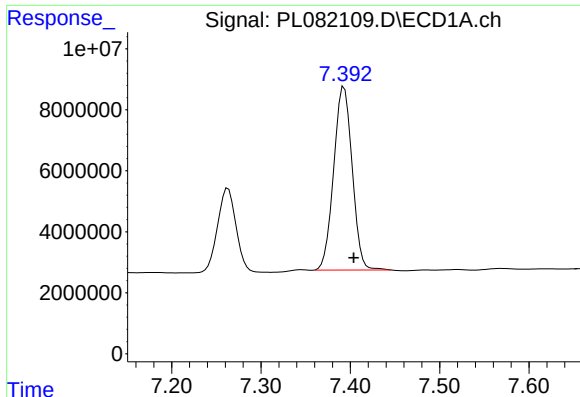
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 39431653
Conc: 36.62 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.012 min
Response: 43792959
Conc: 43.97 ng/ml m



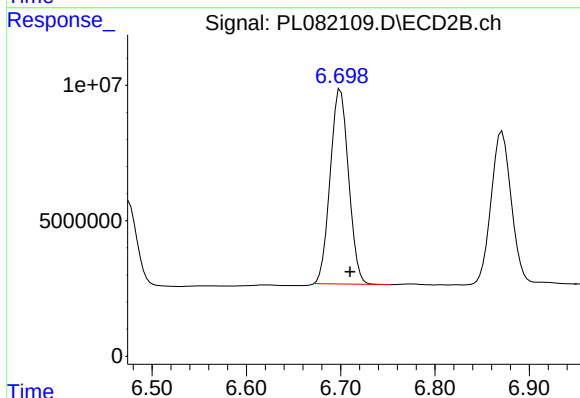
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 86585766
Conc: 41.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

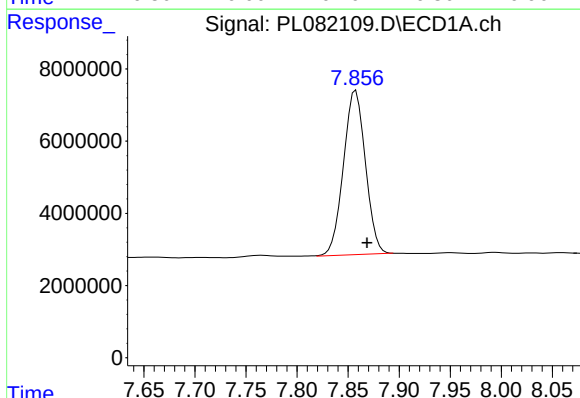
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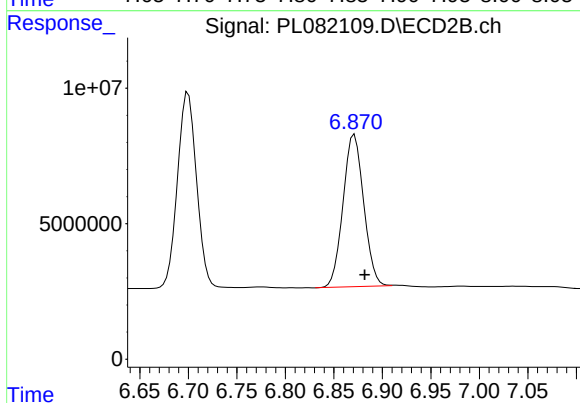
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 97441944
Conc: 45.60 ng/ml



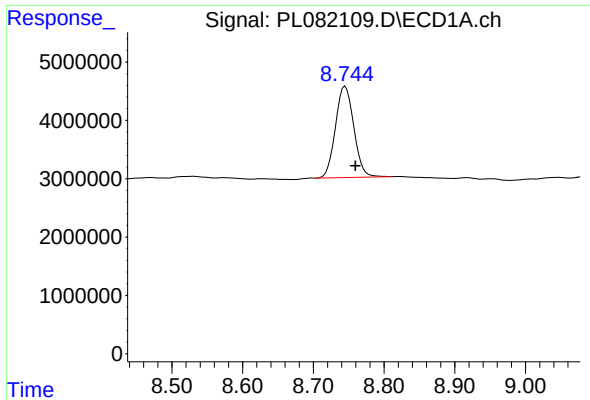
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 68147219
Conc: 39.78 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 83079245
Conc: 43.28 ng/ml m



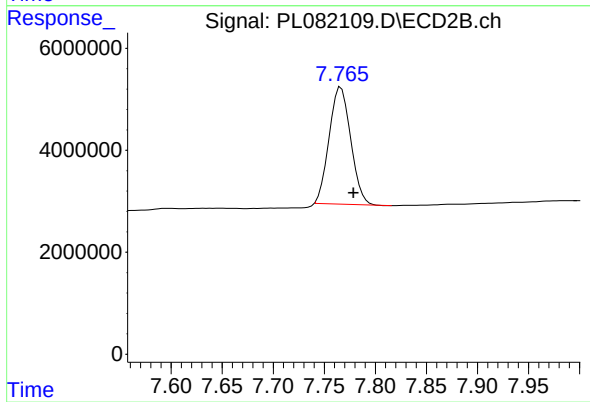
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: -0.015 min
Response: 28204546
Conc: 15.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-2MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2023
Supervised By :Ankita Jodhani 04/17/2023



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.012 min
Response: 33705232
Conc: 16.99 ng/ml