

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 15:10
 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 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:34:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.414	2.651	125.7E6	57212742	48.884	50.423
28)	SA Decachlor...	8.945	7.827	98230045	57087224	47.867	48.083
Target Compounds							
2)	A alpha-BHC	3.870	3.154	185.2E6	86127509	50.699	52.082
3)	MA gamma-BHC...	4.203	3.484	178.0E6	82939400	50.191	51.727
4)	MA Heptachlor	4.793	3.823	165.3E6	78118457	48.980	51.109
5)	MB Aldrin	5.134	4.101	163.9E6	79019805	48.863	51.783
6)	B beta-BHC	4.404	3.787	73519339	34399546	47.079	51.003
7)	B delta-BHC	4.649	4.013	171.5E6	81571522	49.893	52.683
8)	B Heptachlo...	5.563	4.608	139.5E6	69810159	48.607	51.792
9)	A Endosulfan I	5.949	4.977	135.3E6	65630726	49.530	51.373
10)	B gamma-Chl...	5.820	4.860	140.9E6	70624378	48.564m	52.651
11)	B alpha-Chl...	5.901	4.925	144.4E6	71085092	50.010	51.704
12)	B 4,4'-DDE	6.083	5.124	123.4E6	64756551	49.668	53.791
13)	MA Dieldrin	6.226	5.244	137.3E6	71754740	48.398	52.509
14)	MA Endrin	6.455	5.519	120.0E6	67069909	50.363	55.538
15)	B Endosulfa...	6.678	5.817	123.8E6	62020681	47.393	51.477
16)	A 4,4'-DDD	6.602	5.682	105.2E6	54113345	52.431	53.956
17)	MA 4,4'-DDT	6.918	5.934	108.0E6	58033732	51.436	54.047
18)	B Endrin al...	6.809	5.999	87033926	48210824	48.268	49.043
19)	B Endosulfa...	7.045	6.225	113.4E6	59156590	48.990	52.209
20)	A Methoxychlor	7.403	6.520	61680193	32954816	46.306	51.976
21)	B Endrin ke...	7.529	6.728	120.8E6	74736038	48.491	47.746
22)	Mirex	8.003	6.907	92834470	55667238	46.971	49.271

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

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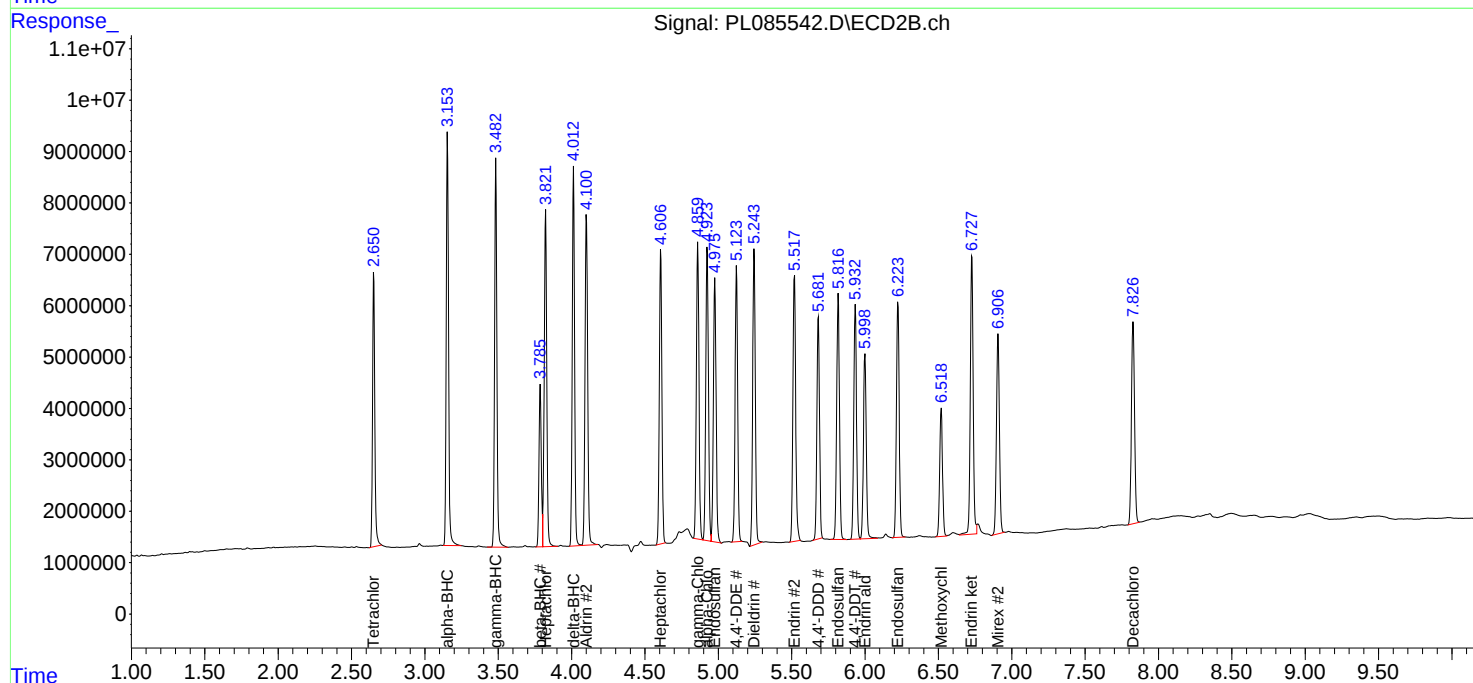
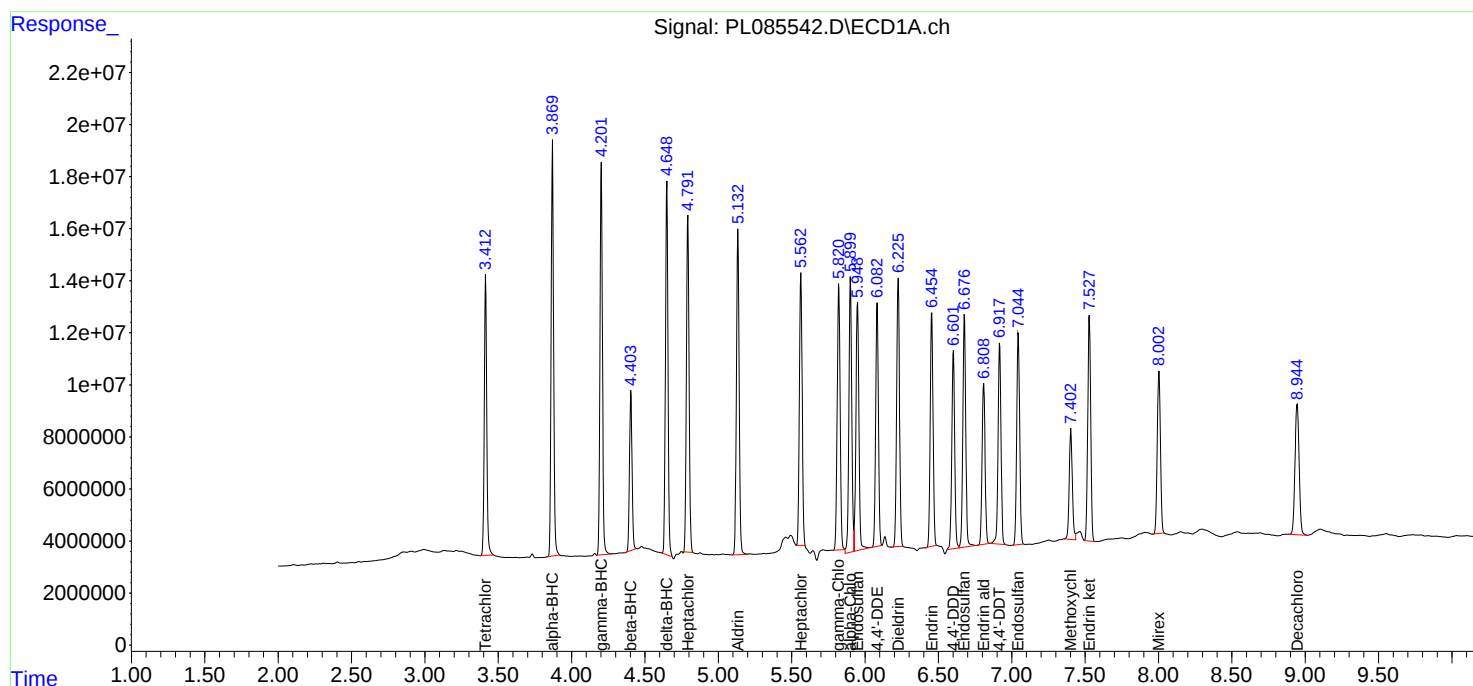
Manual Integrations

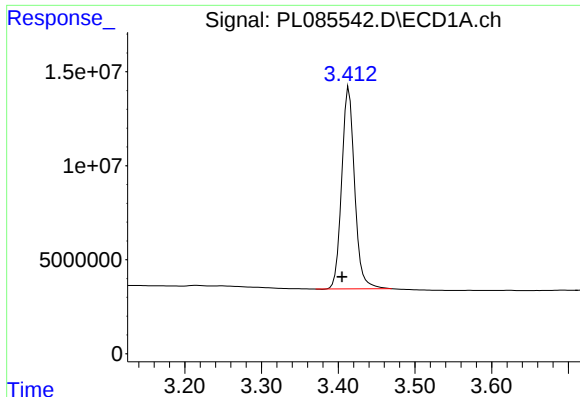
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:34:38 2023
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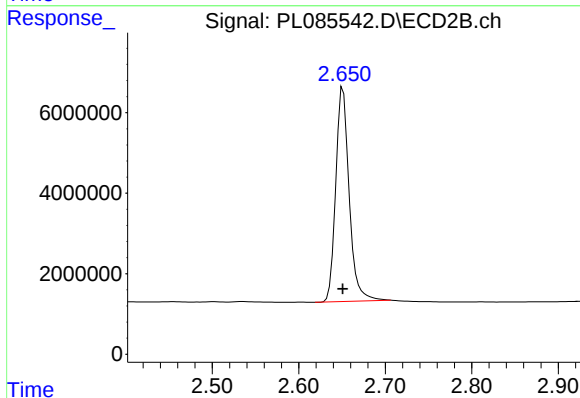
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 125724938
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

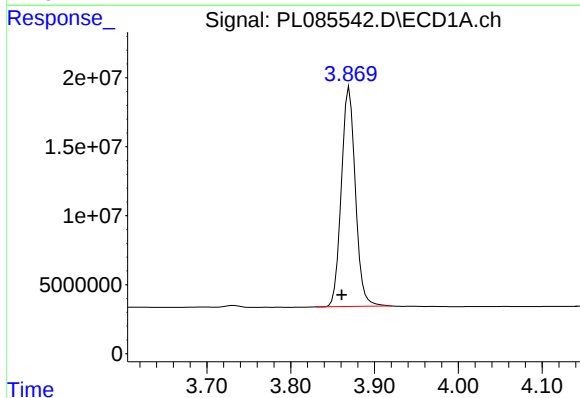
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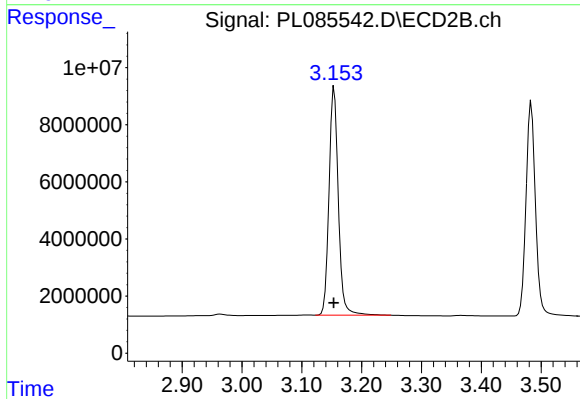
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 57212742
Conc: 50.42 ng/ml



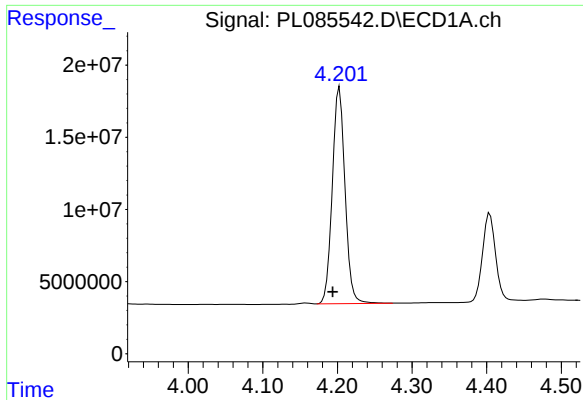
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.009 min
Response: 185199499
Conc: 50.70 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 86127509
Conc: 52.08 ng/ml



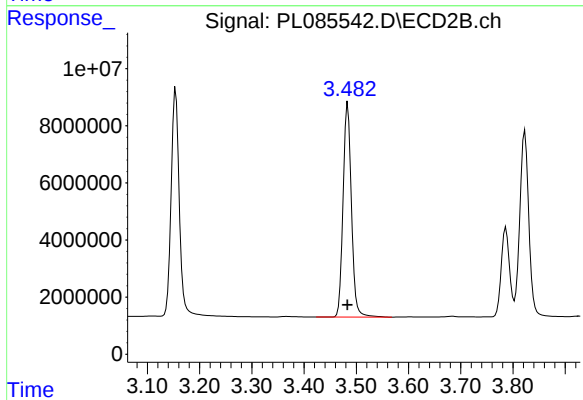
#3 gamma-BHC (Lindane)

R.T.: 4.203 min
Delta R.T.: 0.009 min
Response: 177997885
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

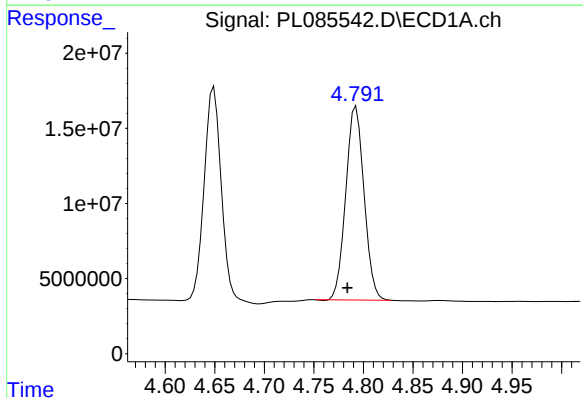
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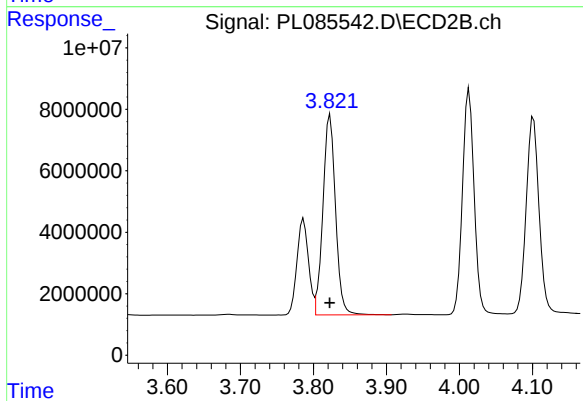
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 82939400
Conc: 51.73 ng/ml



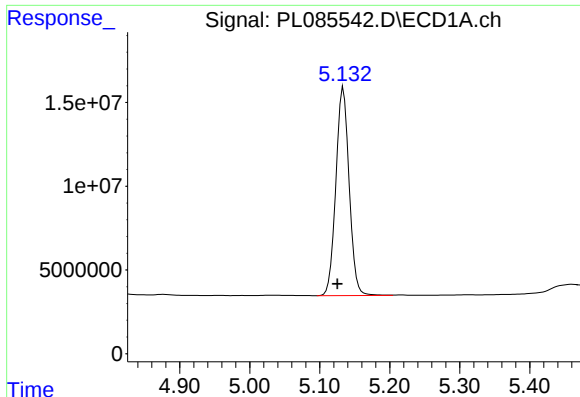
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.009 min
Response: 165323558
Conc: 48.98 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 78118457
Conc: 51.11 ng/ml



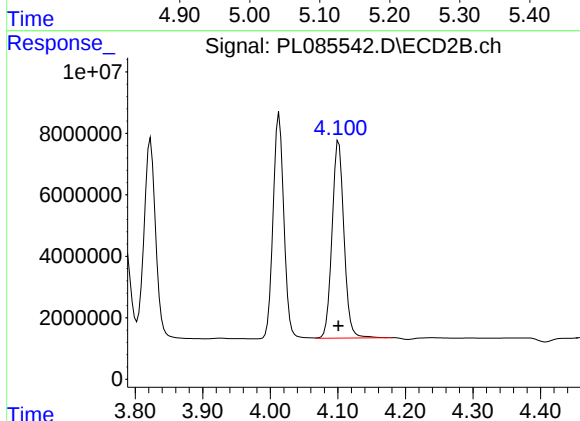
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.008 min
Response: 163903285
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

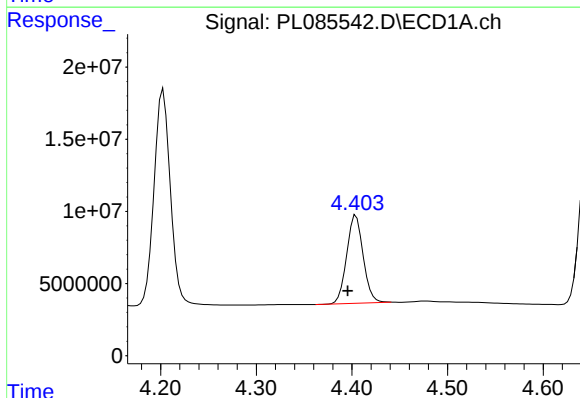
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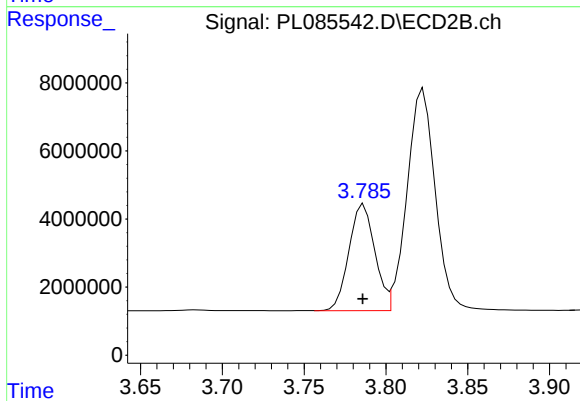
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 79019805
Conc: 51.78 ng/ml



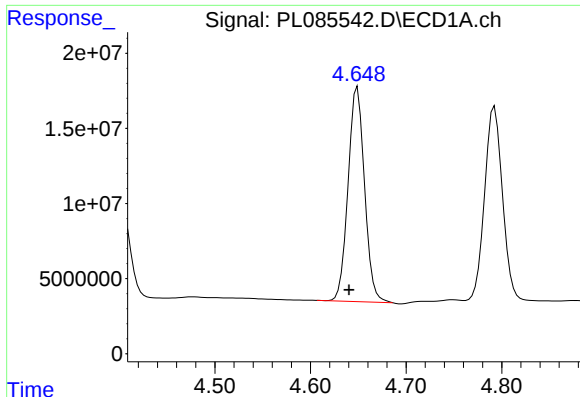
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.009 min
Response: 73519339
Conc: 47.08 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 34399546
Conc: 51.00 ng/ml



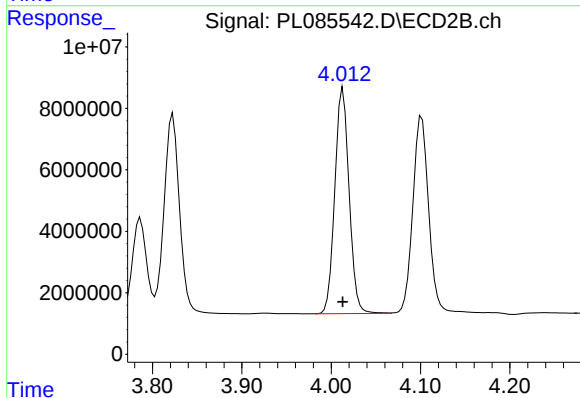
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: 0.009 min
Response: 171531818
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

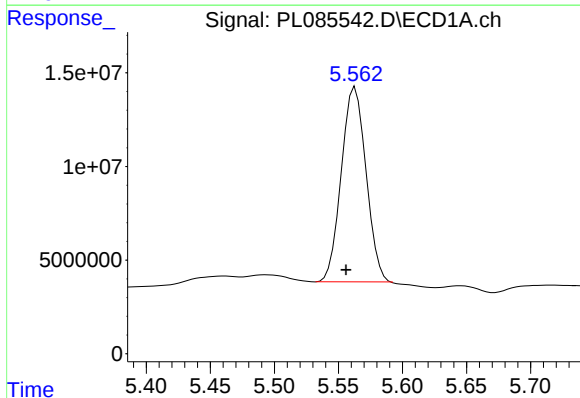
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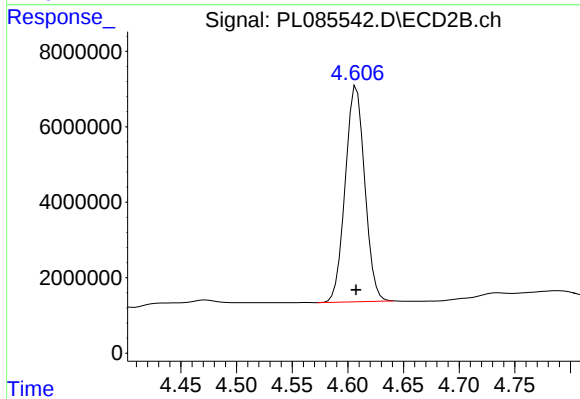
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 81571522
Conc: 52.68 ng/ml



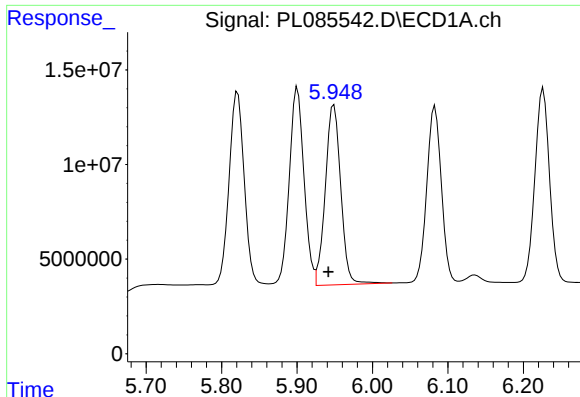
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: 0.007 min
Response: 139541115
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 69810159
Conc: 51.79 ng/ml



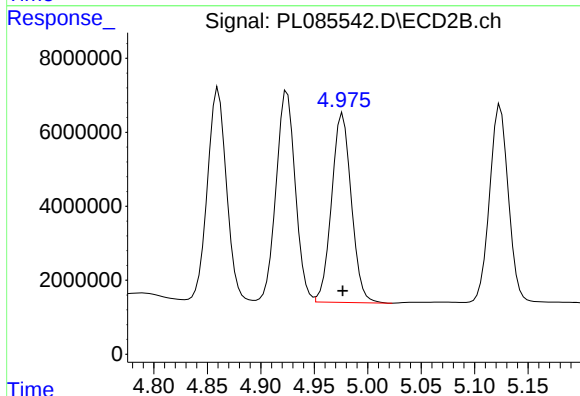
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.008 min
Response: 135296841
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

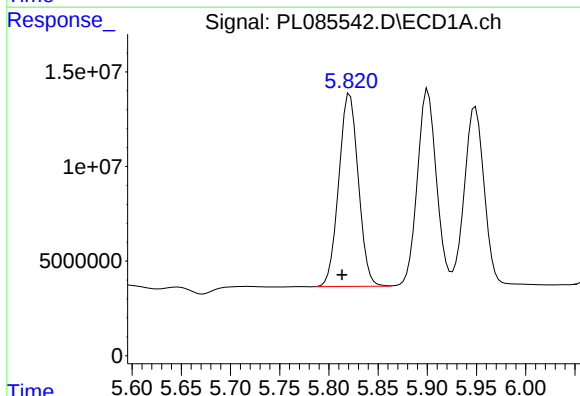
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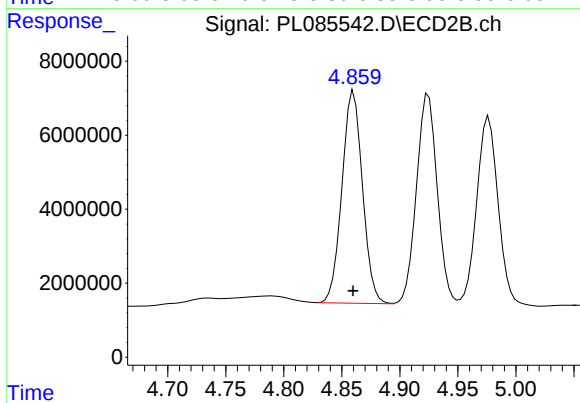
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 65630726
Conc: 51.37 ng/ml



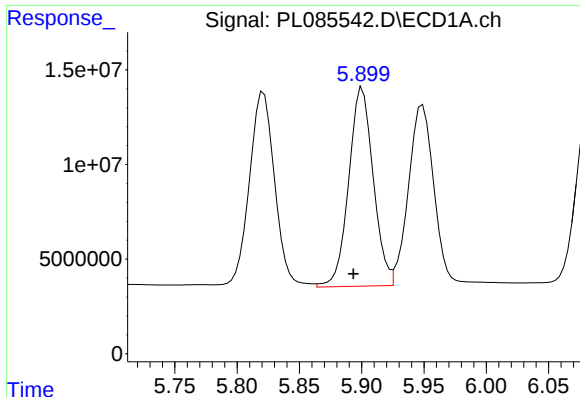
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: 0.006 min
Response: 140936429
Conc: 48.56 ng/ml m



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 70624378
Conc: 52.65 ng/ml



#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.007 min
Response: 144361697
Conc: 50.01 ng/ml

Instrument :

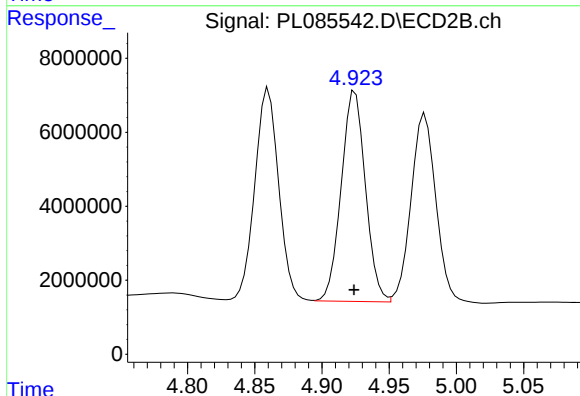
ECD_L

ClientSampleId :

PSTDCCC050

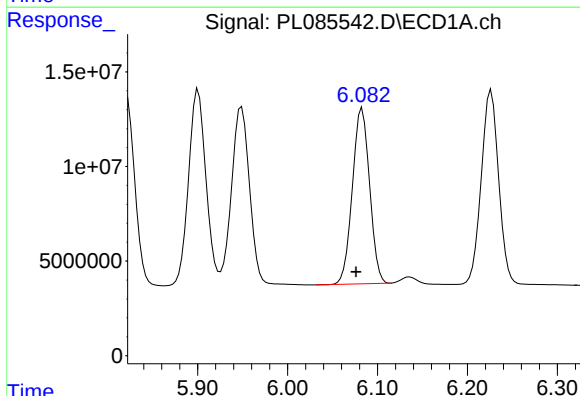
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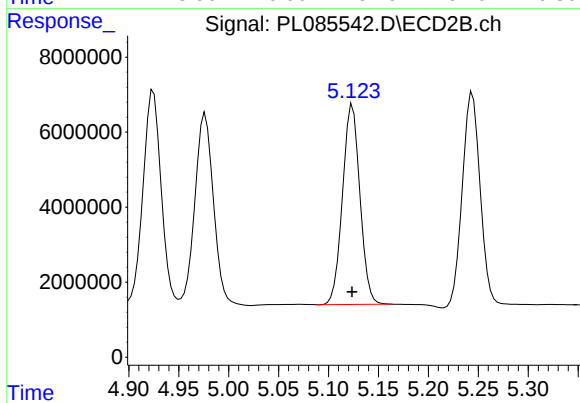
#11 alpha-Chlordane

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 71085092
Conc: 51.70 ng/ml



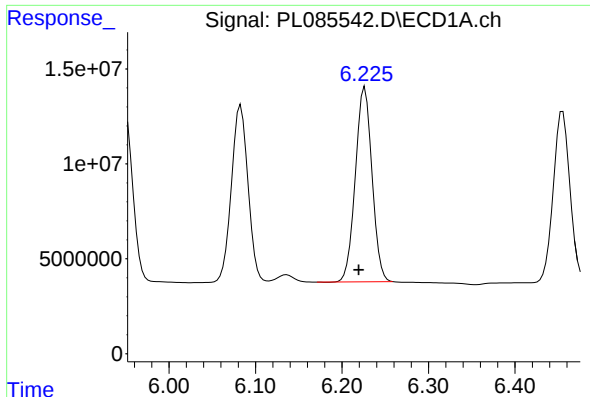
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 123366300
Conc: 49.67 ng/ml



#12 4,4'-DDE

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 64756551
Conc: 53.79 ng/ml



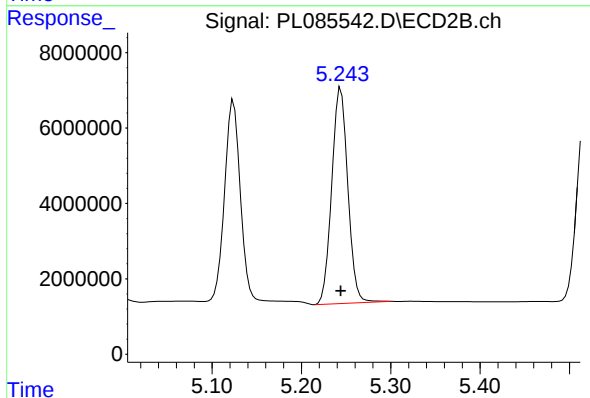
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: 0.007 min
Response: 137272379
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

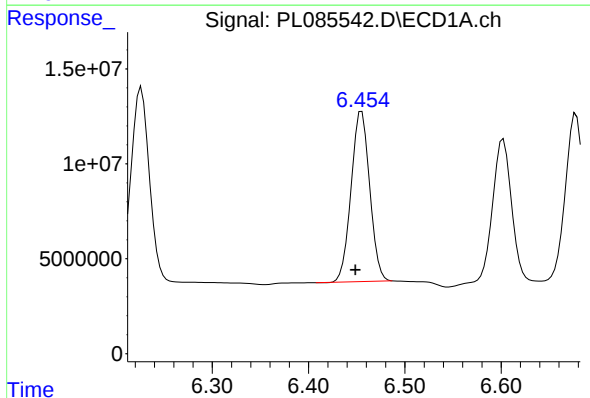
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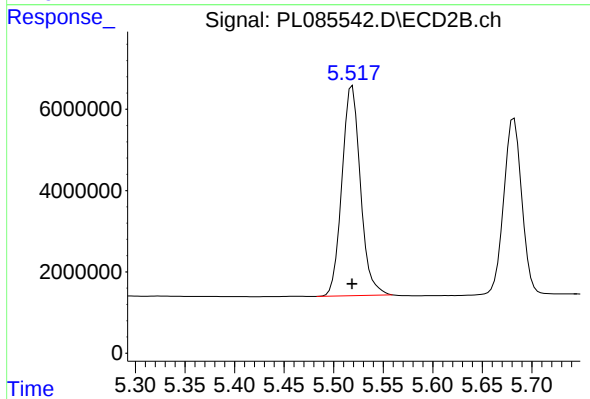
#13 Dieldrin

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 71754740
Conc: 52.51 ng/ml



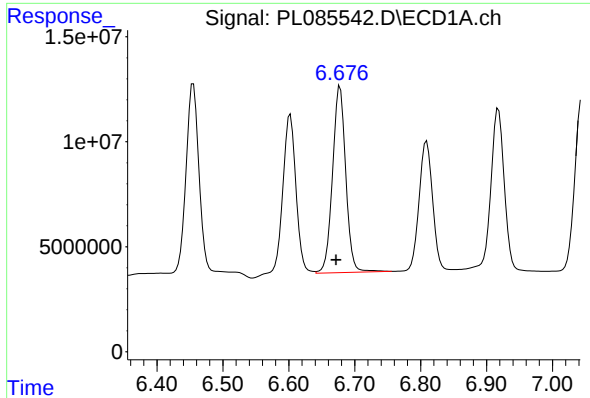
#14 Endrin

R.T.: 6.455 min
Delta R.T.: 0.007 min
Response: 120002901
Conc: 50.36 ng/ml



#14 Endrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 67069909
Conc: 55.54 ng/ml



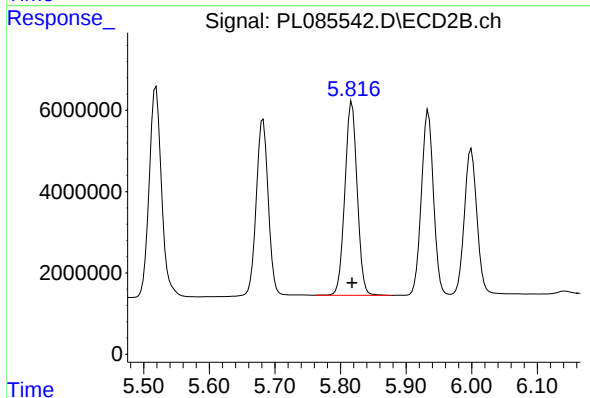
#15 Endosulfan II

R.T.: 6.678 min
Delta R.T.: 0.006 min
Response: 123812957
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

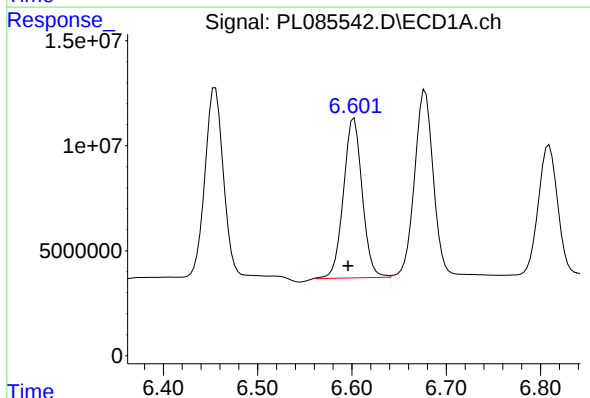
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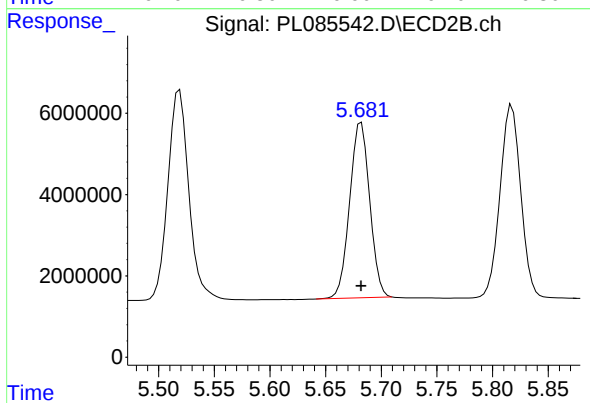
#15 Endosulfan II

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 62020681
Conc: 51.48 ng/ml



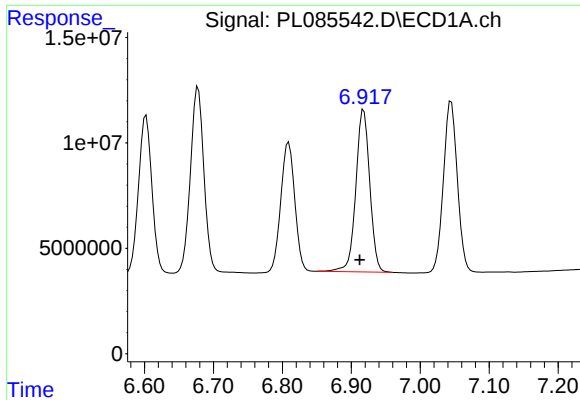
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.006 min
Response: 105154933
Conc: 52.43 ng/ml



#16 4,4'-DDD

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 54113345
Conc: 53.96 ng/ml



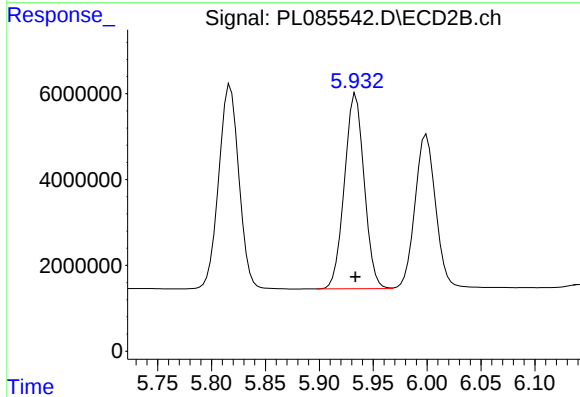
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.006 min
Response: 107987924
Conc: 51.44 ng/ml

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ECD_L
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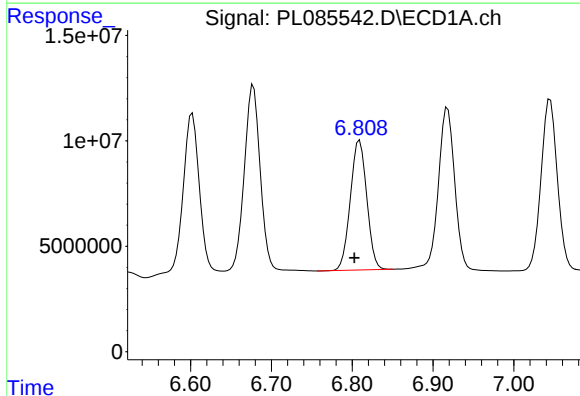
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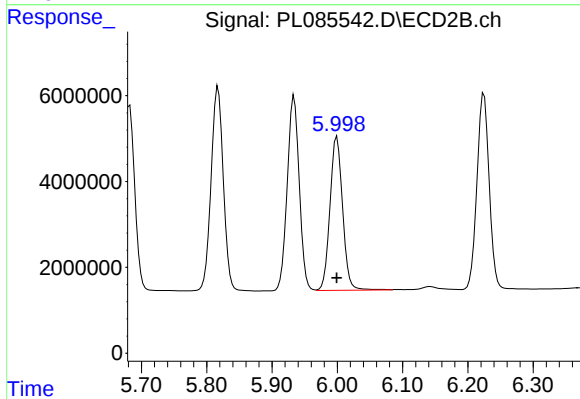
#17 4,4'-DDT

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 58033732
Conc: 54.05 ng/ml



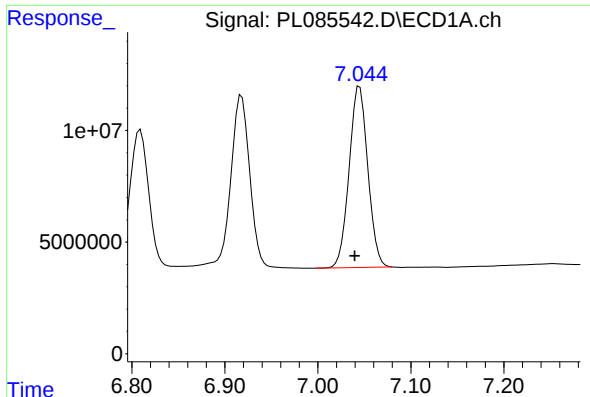
#18 Endrin aldehyde

R.T.: 6.809 min
Delta R.T.: 0.006 min
Response: 87033926
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 48210824
Conc: 49.04 ng/ml



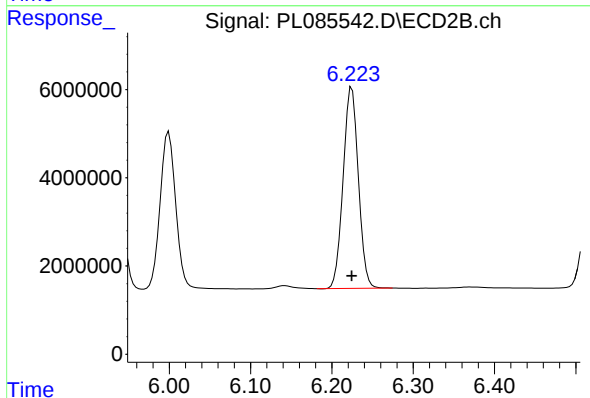
#19 Endosulfan Sulfate

R.T.: 7.045 min
Delta R.T.: 0.005 min
Response: 113444971
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

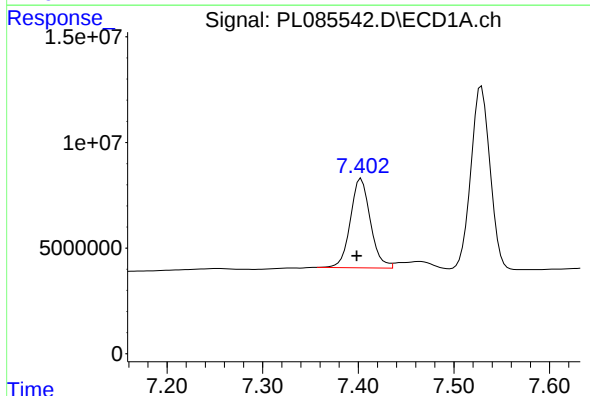
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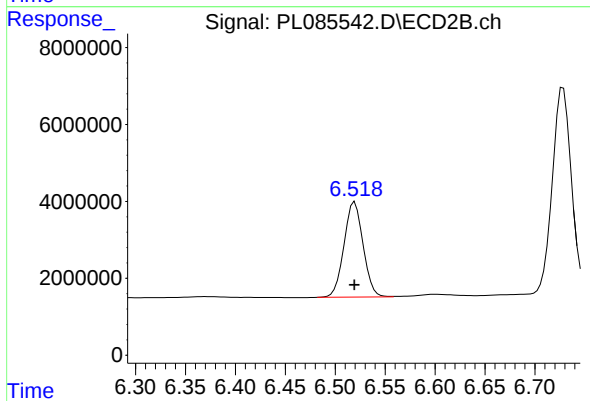
#19 Endosulfan Sulfate

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 59156590
Conc: 52.21 ng/ml



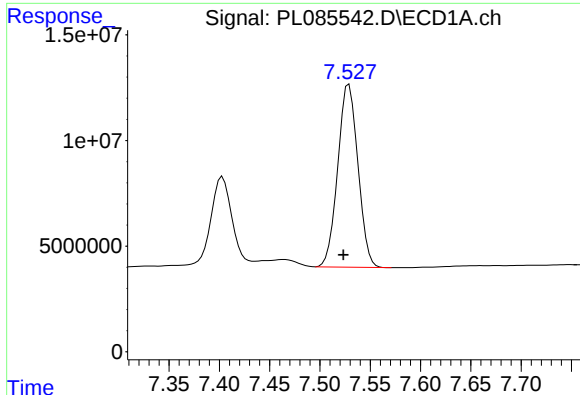
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: 0.005 min
Response: 61680193
Conc: 46.31 ng/ml



#20 Methoxychlor

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 32954816
Conc: 51.98 ng/ml



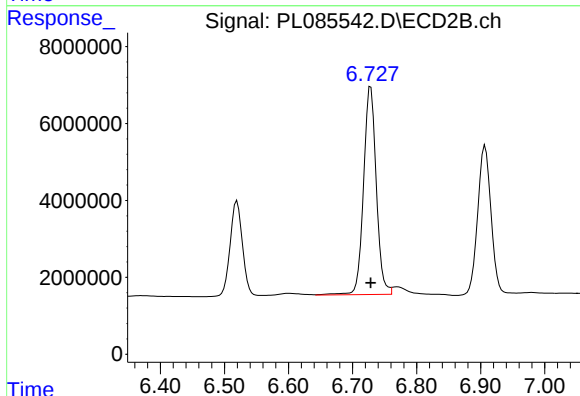
#21 Endrin ketone

R.T.: 7.529 min
Delta R.T.: 0.006 min
Response: 120826300
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

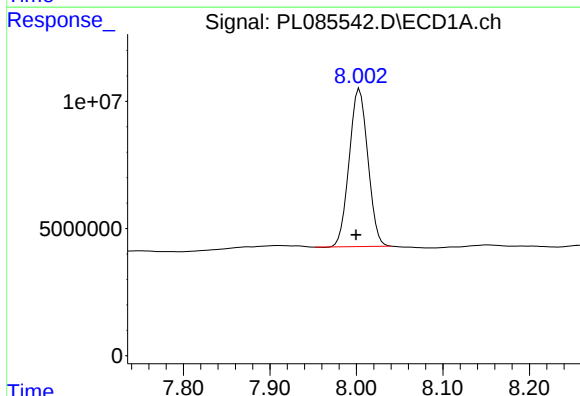
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



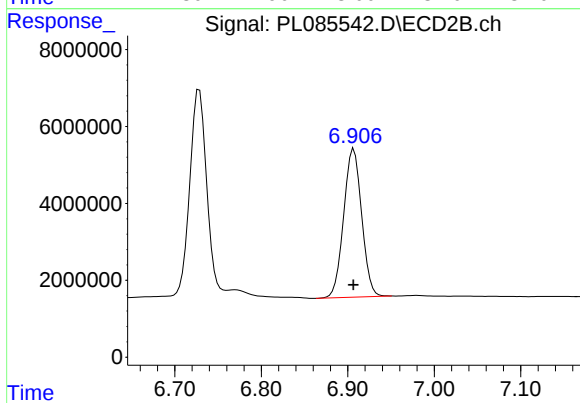
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 74736038
Conc: 47.75 ng/ml



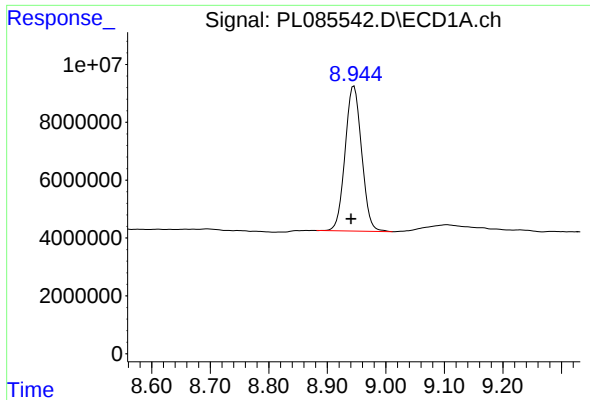
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.004 min
Response: 92834470
Conc: 46.97 ng/ml



#22 Mirex

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 55667238
Conc: 49.27 ng/ml



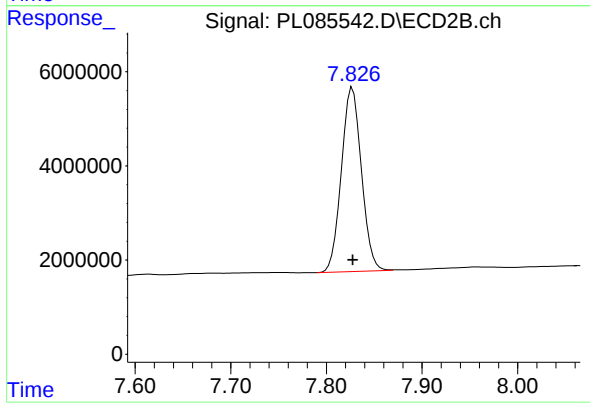
#28 Decachlorobiphenyl

R.T.: 8.945 min
Delta R.T.: 0.005 min
Response: 98230045
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.000 min
Response: 57087224
Conc: 48.08 ng/ml