

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
 Data File : PL085303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 12:11
 Operator : AR\AJ
 Sample : 04346-09DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/14/2023
 Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:33:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.482	2.683	11794840	4734534	4.822	4.167
28)	SA Decachlor...	9.033	7.864	20680707	15006076	12.860	11.273
Target Compounds							
2)	A alpha-BHC	3.941	3.188	251.0E6	120.3E6	72.844	73.555
3)	MA gamma-BHC...	4.275	3.519	739.4E6	355.1E6	222.738	222.504
4)	MA Heptachlor	4.866	3.859	121.6E6	59744235	36.887	39.367
5)	MB Aldrin	5.210	4.139	225.1E6	117.7E6	73.215	77.002
6)	B beta-BHC	4.475	3.821	77296177	38914934	54.691	57.351
7)	B delta-BHC	4.720	4.049	953.7E6	494.4E6	301.758m	316.198
8)	B Heptachlo...	5.640	4.646	492.7E6	264.6E6	188.762	192.831
9)	A Endosulfan I	6.025	5.016	260.3E6	148.0E6	108.394	111.008
10)	B gamma-Chl...	5.897	4.899	433.0E6	242.3E6	166.701	175.664
11)	B alpha-Chl...	5.977	4.963	157.5E6	88362959	61.200	59.130
12)	B 4,4'-DDE	6.156	5.161	223.3E6	137.3E6	107.423	110.371
13)	MA Dieldrin	6.303	5.283	406.2E6	243.7E6	166.716	173.337
14)	MA Endrin	6.531	5.558	480.4E6	305.9E6	232.579	239.295
15)	B Endosulfa...	6.752	5.856	175.1E6	106.7E6	86.536	86.147
16)	A 4,4'-DDD	6.675	5.719	343.5E6	231.8E6	223.079	220.616
17)	MA 4,4'-DDT	6.990	5.971	82961294	55527509	49.247	47.628
18)	B Endrin al...	6.883	6.038	574.7E6	368.6E6	373.849	360.831
19)	B Endosulfa...	7.120	6.263	717.6E6	467.2E6	383.365	389.325
20)	A Methoxychlor	7.472	6.555	321.2E6	236.9E6	353.502	352.144
21)	B Endrin ke...	7.604	6.767	757.3E6	551.4E6	386.613	373.864

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
Data File : PL085303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 12:11
Operator : AR\AJ
Sample : 04346-09DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

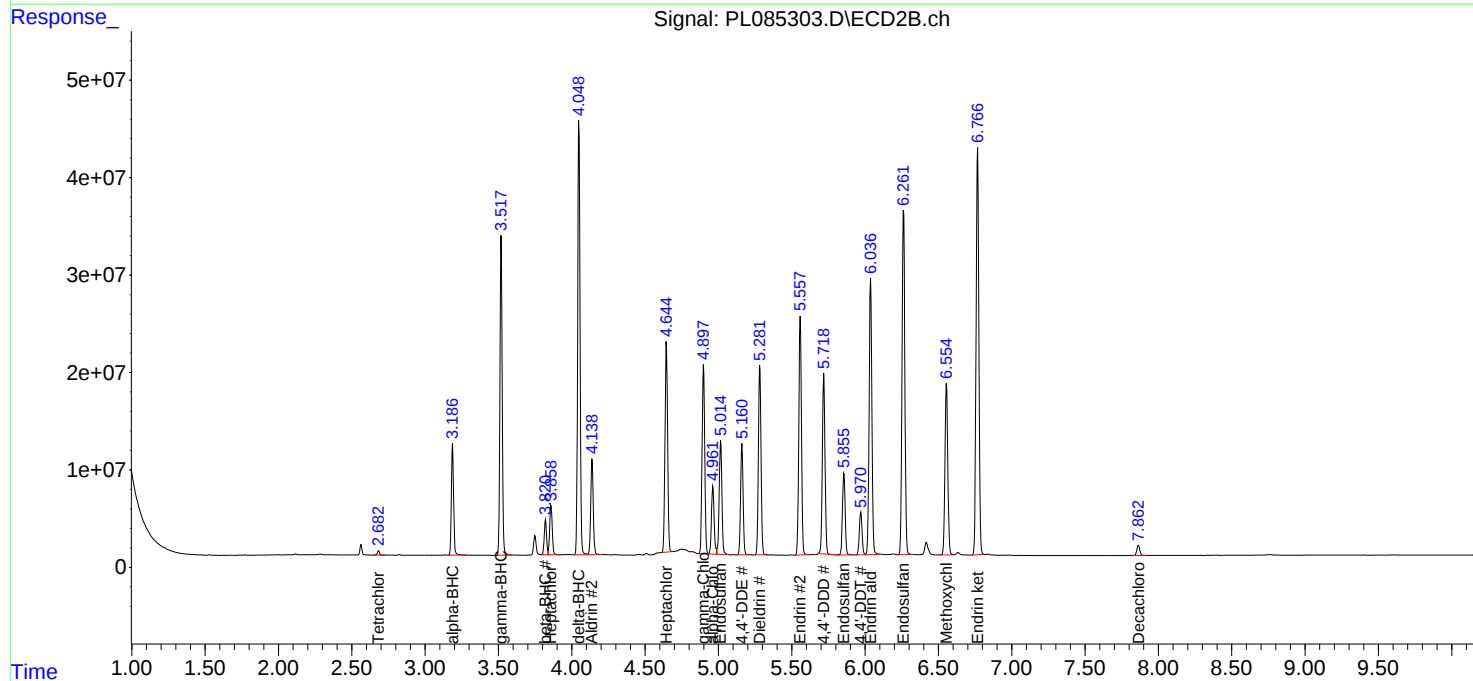
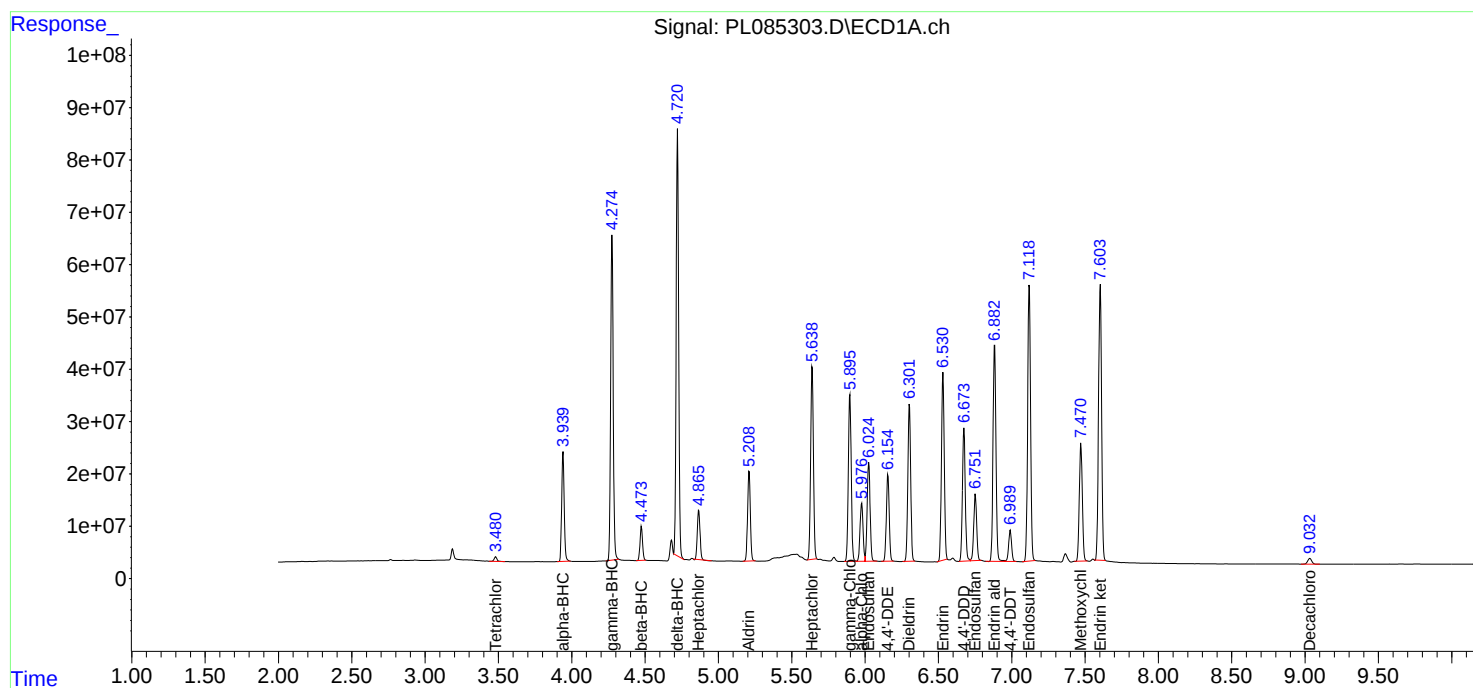
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

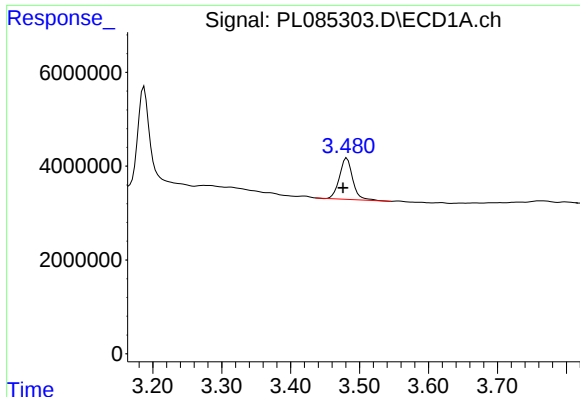
Manual Integrations
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Supervised By :Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 22:33:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 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





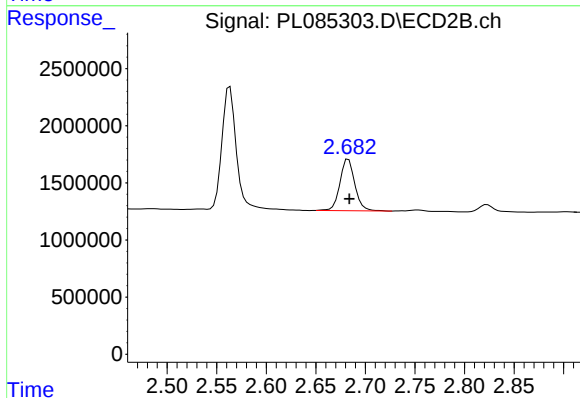
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.006 min
Response: 11794840
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

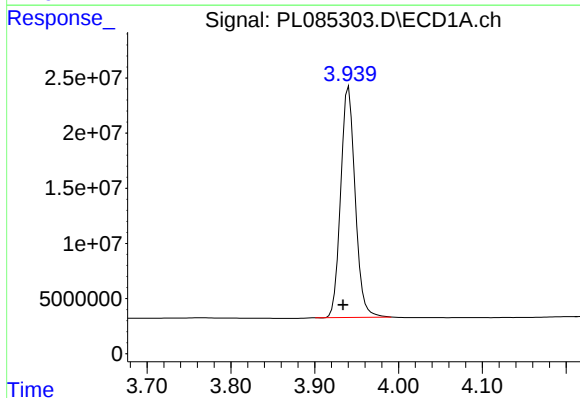
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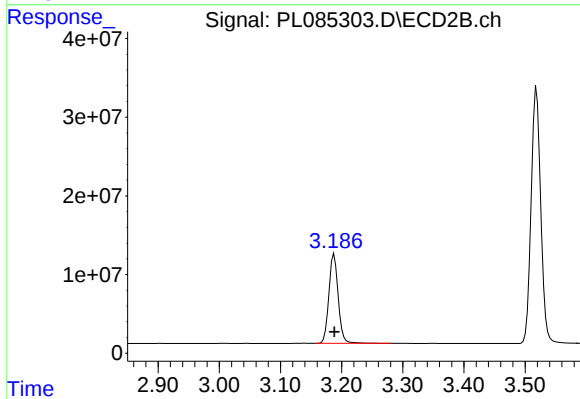
#1 Tetrachloro-m-xylene

R.T.: 2.683 min
Delta R.T.: -0.001 min
Response: 4734534
Conc: 4.17 ng/ml



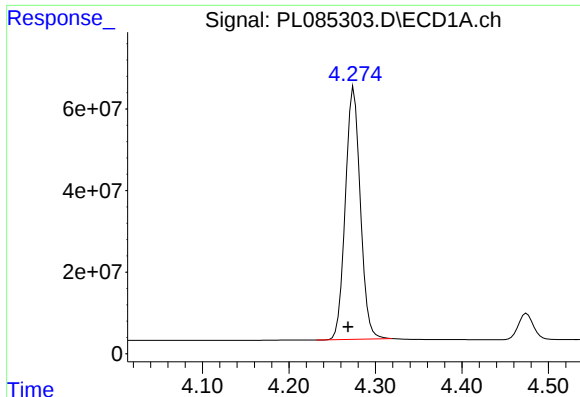
#2 alpha-BHC

R.T.: 3.941 min
Delta R.T.: 0.007 min
Response: 251007738
Conc: 72.84 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 120299760
Conc: 73.56 ng/ml



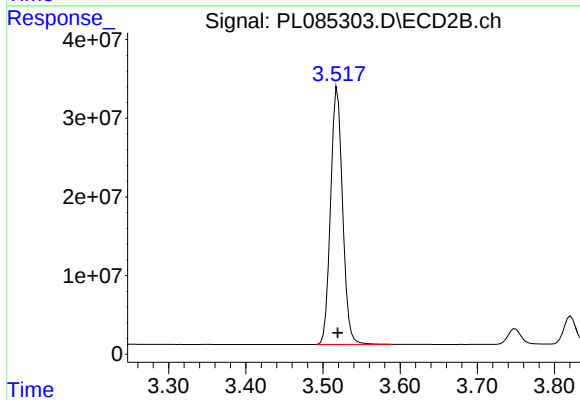
#3 gamma-BHC (Lindane)

R.T.: 4.275 min
Delta R.T.: 0.007 min
Response: 739419587
Conc: 222.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

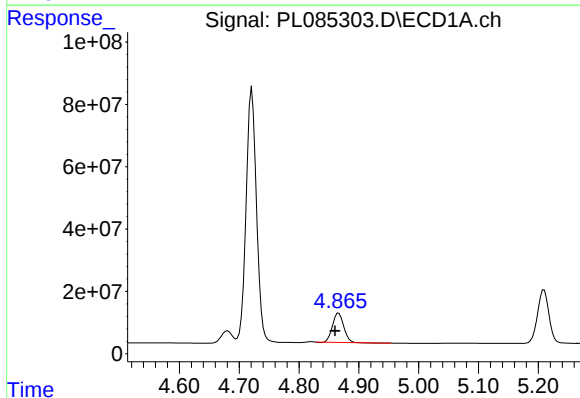
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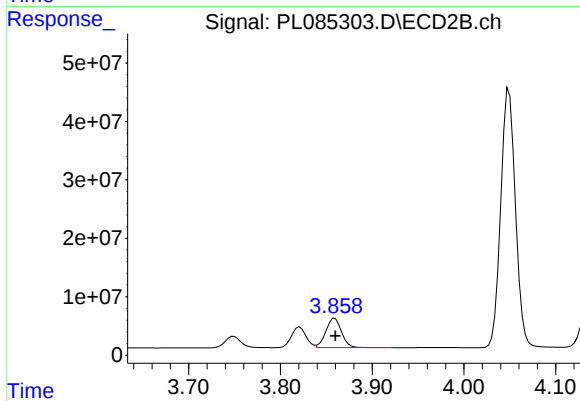
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 355115827
Conc: 222.50 ng/ml



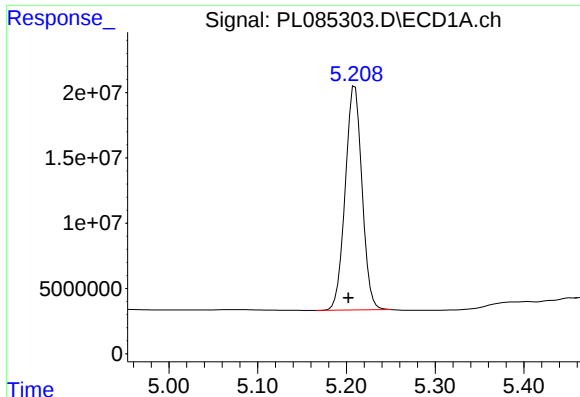
#4 Heptachlor

R.T.: 4.866 min
Delta R.T.: 0.006 min
Response: 121628324
Conc: 36.89 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: 0.000 min
Response: 59744235
Conc: 39.37 ng/ml



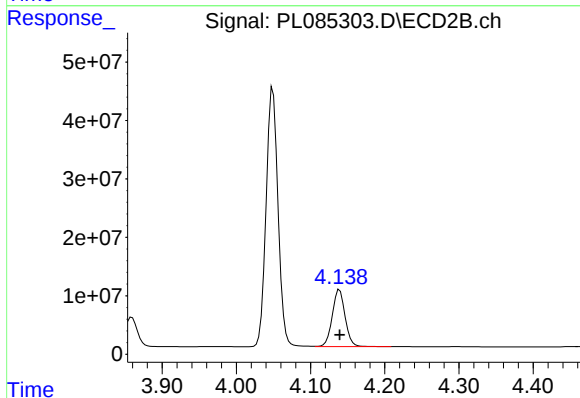
#5 Aldrin

R.T.: 5.210 min
Delta R.T.: 0.008 min
Response: 225127401
Conc: 73.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

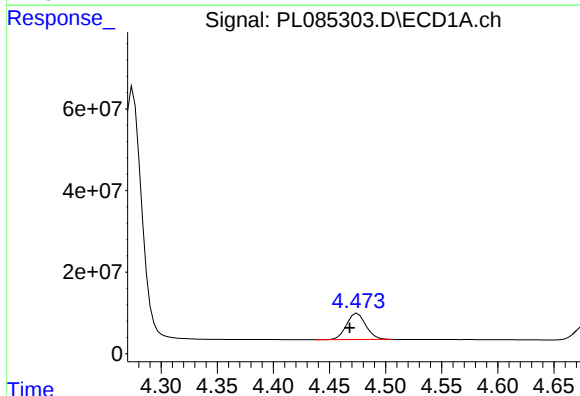
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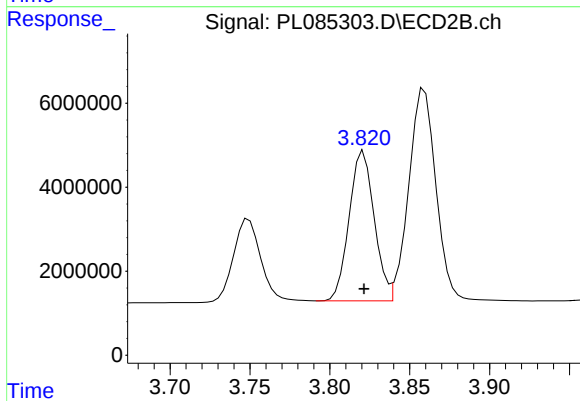
#5 Aldrin

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 117711760
Conc: 77.00 ng/ml



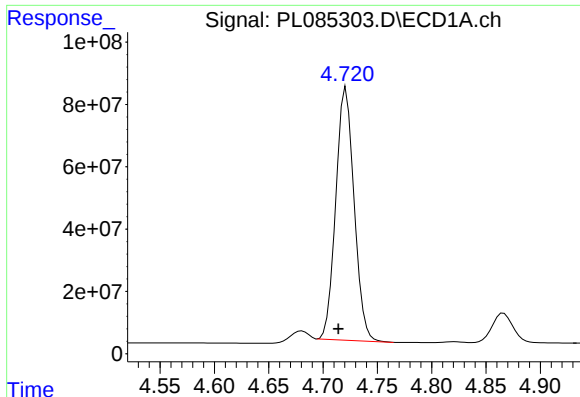
#6 beta-BHC

R.T.: 4.475 min
Delta R.T.: 0.007 min
Response: 77296177
Conc: 54.69 ng/ml



#6 beta-BHC

R.T.: 3.821 min
Delta R.T.: 0.000 min
Response: 38914934
Conc: 57.35 ng/ml



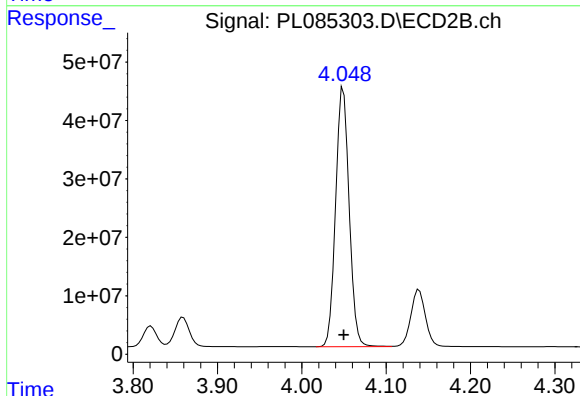
#7 delta-BHC

R.T.: 4.720 min
Delta R.T.: 0.006 min
Response: 953720553
Conc: 301.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

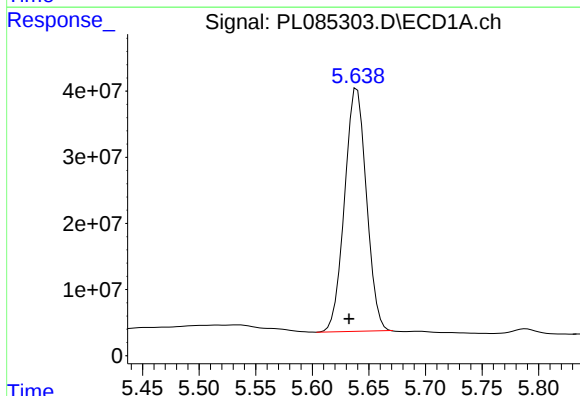
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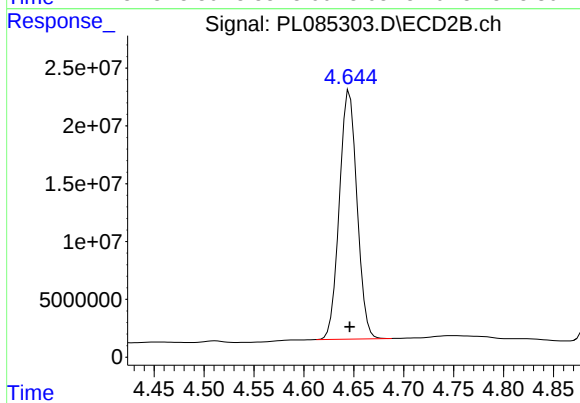
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 494421290
Conc: 316.20 ng/ml



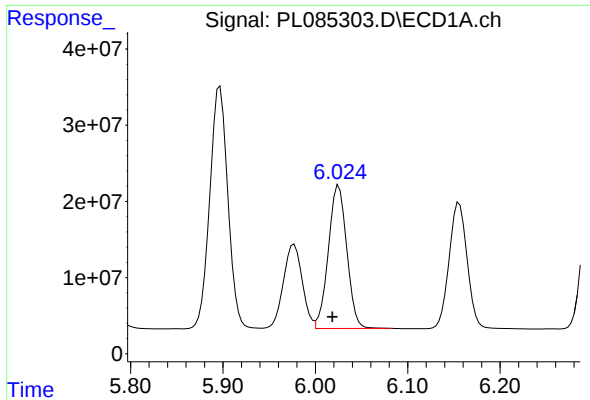
#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.007 min
Response: 492657996
Conc: 188.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 264622841
Conc: 192.83 ng/ml



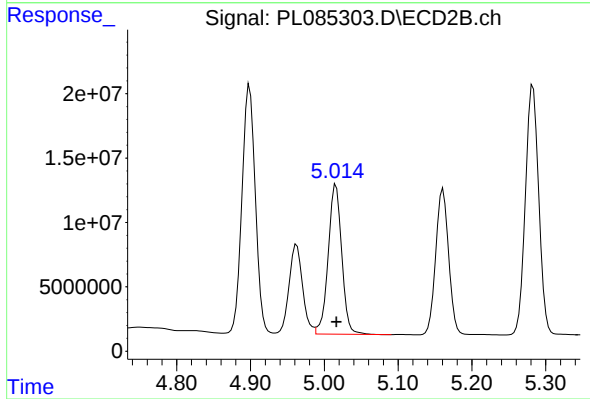
#9 Endosulfan I

R.T.: 6.025 min
Delta R.T.: 0.007 min
Response: 260326540
Conc: 108.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

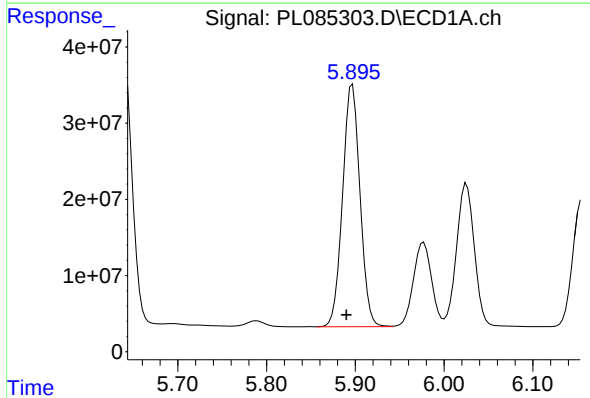
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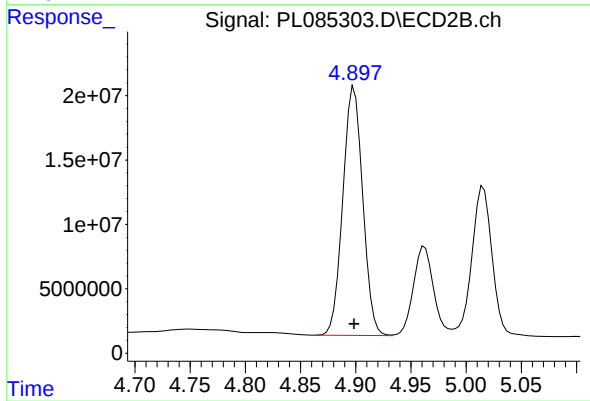
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 148035546
Conc: 111.01 ng/ml



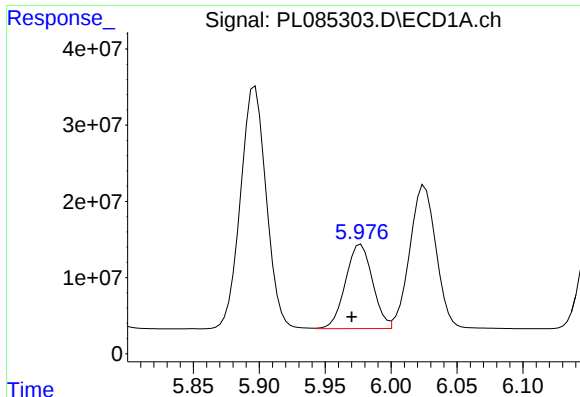
#10 gamma-Chlordane

R.T.: 5.897 min
Delta R.T.: 0.007 min
Response: 433049577
Conc: 166.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 242292923
Conc: 175.66 ng/ml



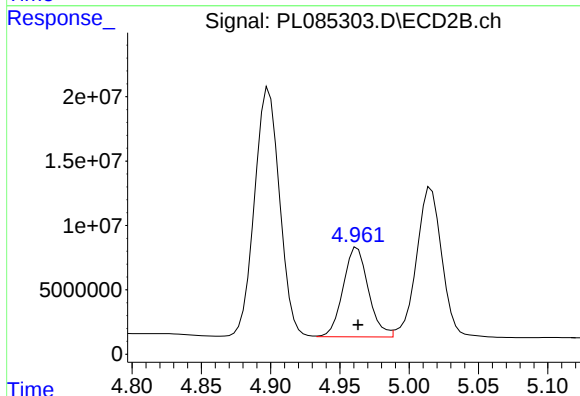
#11 alpha-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.007 min
Response: 157470637
Conc: 61.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

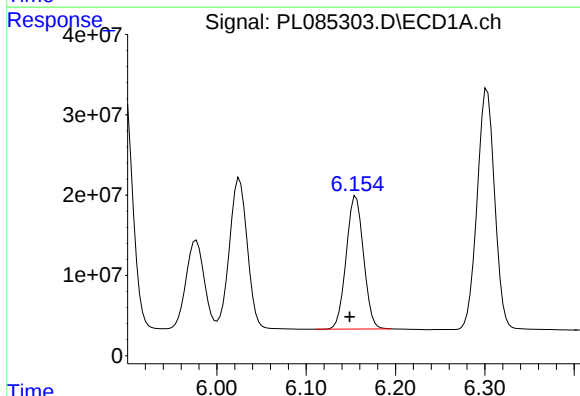
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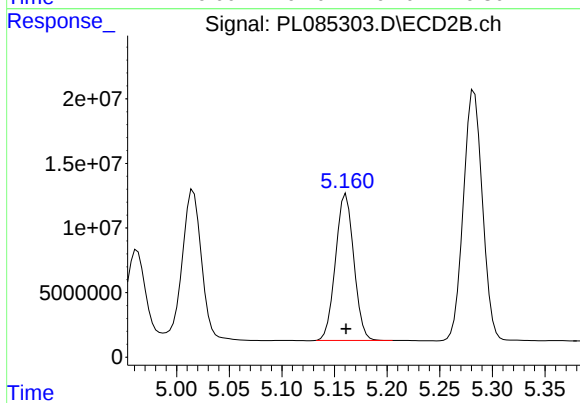
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 88362959
Conc: 59.13 ng/ml



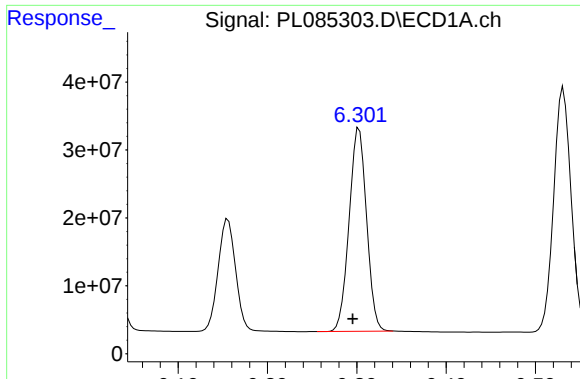
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.007 min
Response: 223300726
Conc: 107.42 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 137307240
Conc: 110.37 ng/ml



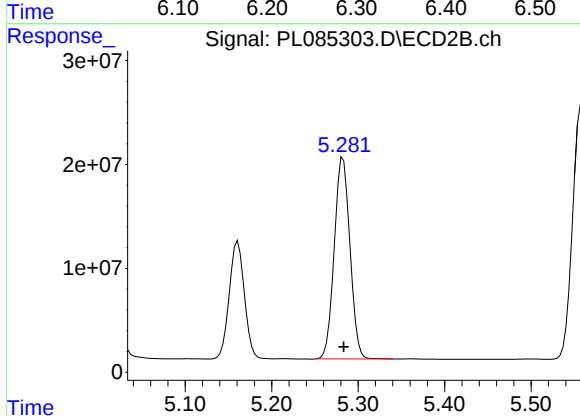
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.007 min
Response: 406202537
Conc: 166.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

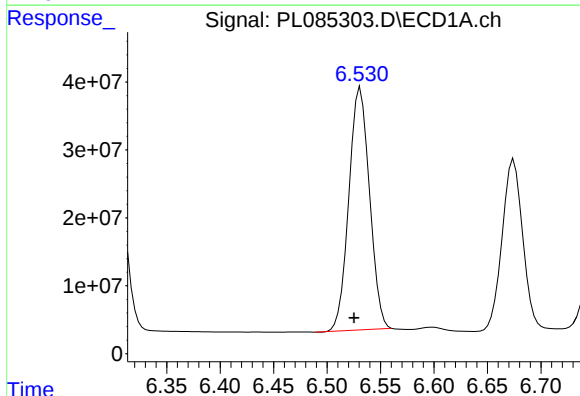
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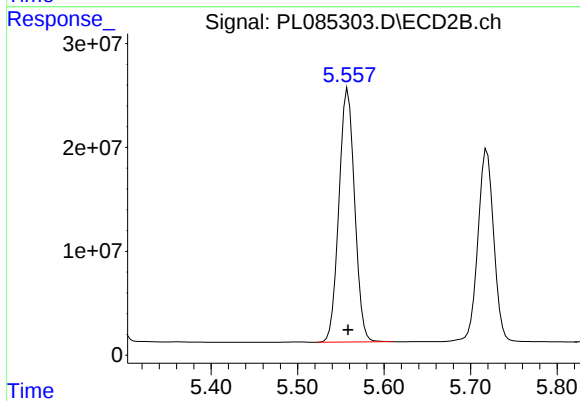
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 243685291
Conc: 173.34 ng/ml



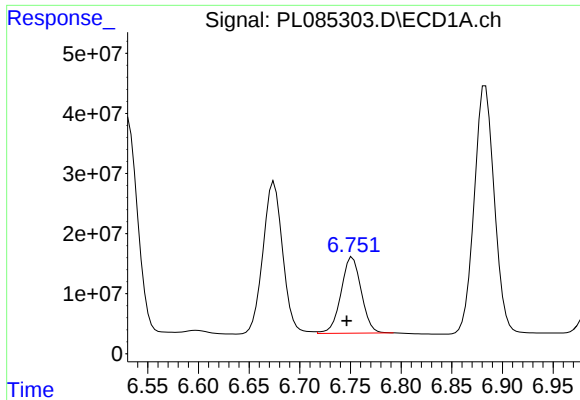
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.006 min
Response: 480427720
Conc: 232.58 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 305870753
Conc: 239.29 ng/ml



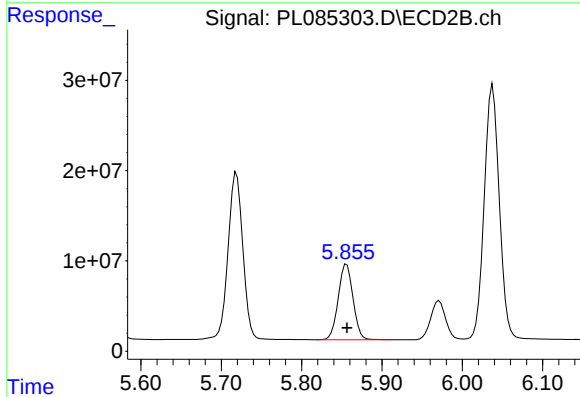
#15 Endosulfan II

R.T.: 6.752 min
Delta R.T.: 0.006 min
Response: 175109340
Conc: 86.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

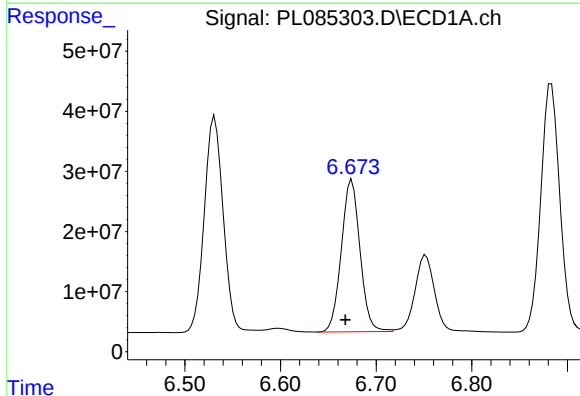
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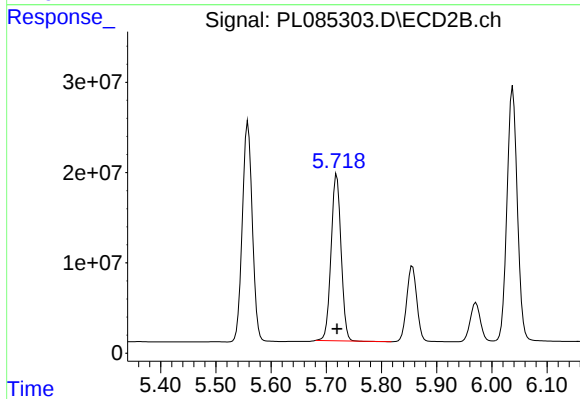
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 106669069
Conc: 86.15 ng/ml



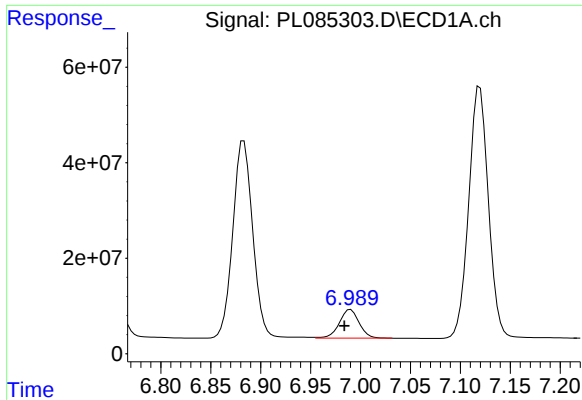
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.007 min
Response: 343462714
Conc: 223.08 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 231779240
Conc: 220.62 ng/ml



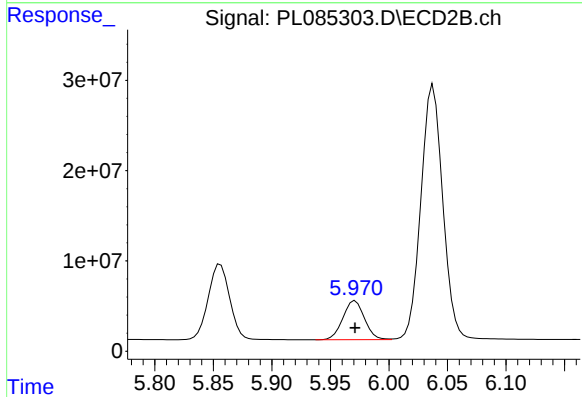
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.006 min
Response: 82961294
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

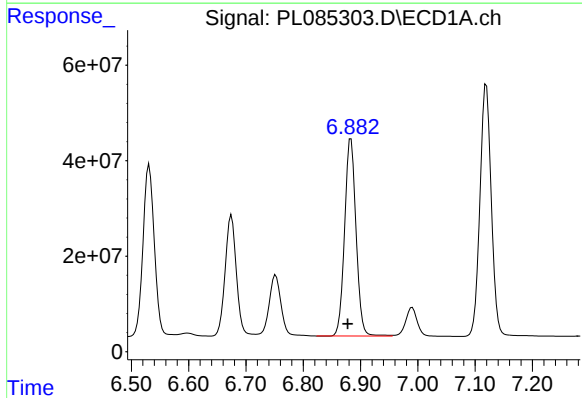
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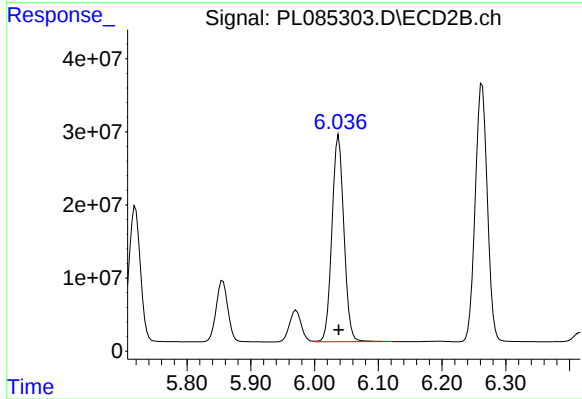
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 55527509
Conc: 47.63 ng/ml



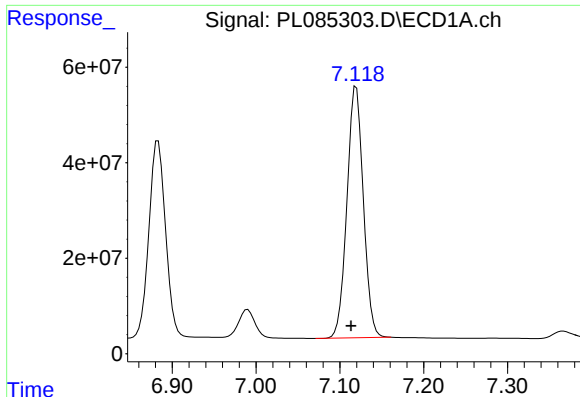
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.006 min
Response: 574657819
Conc: 373.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 368564999
Conc: 360.83 ng/ml



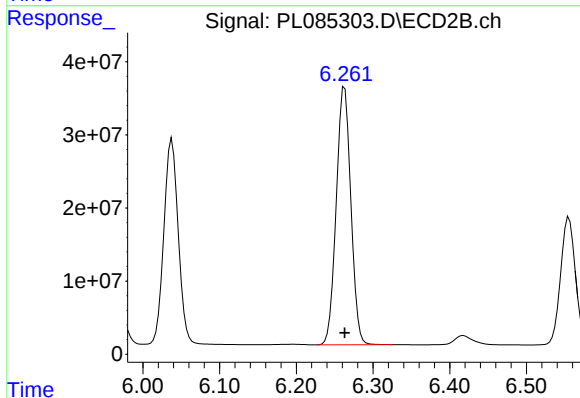
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.006 min
Response: 717587668
Conc: 383.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

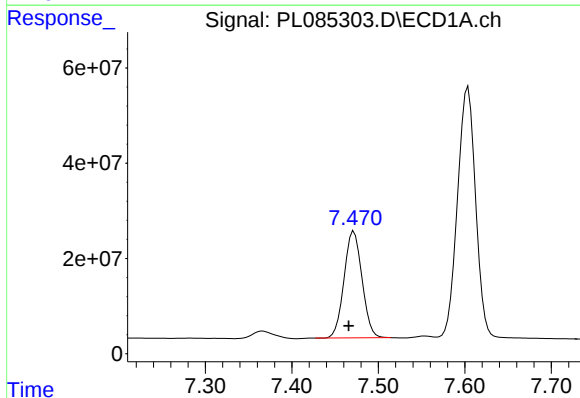
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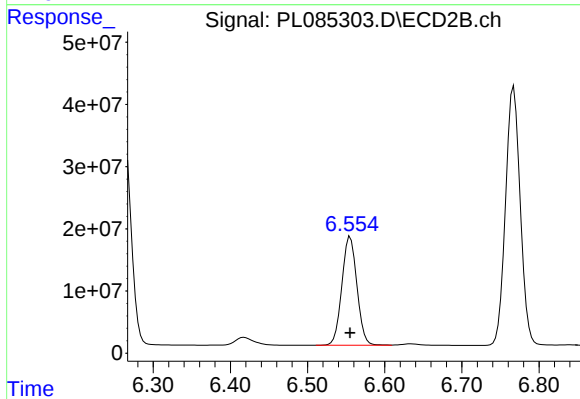
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 467188749
Conc: 389.33 ng/ml



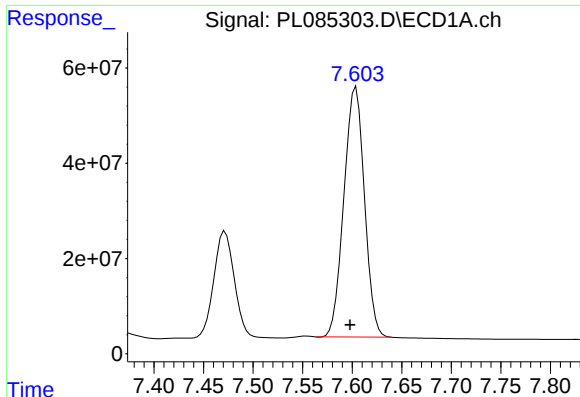
#20 Methoxychlor

R.T.: 7.472 min
Delta R.T.: 0.006 min
Response: 321193001
Conc: 353.50 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 236893355
Conc: 352.14 ng/ml



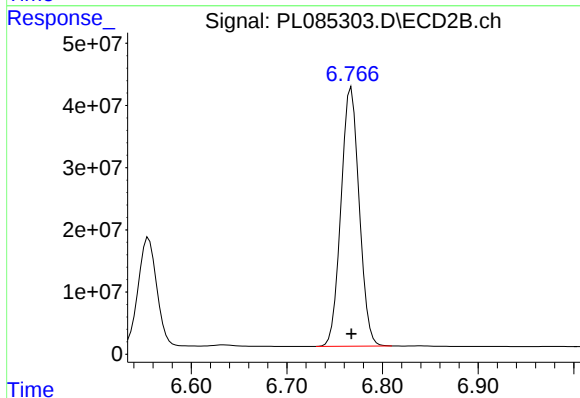
#21 Endrin ketone

R.T.: 7.604 min
Delta R.T.: 0.006 min
Response: 757325569
Conc: 386.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

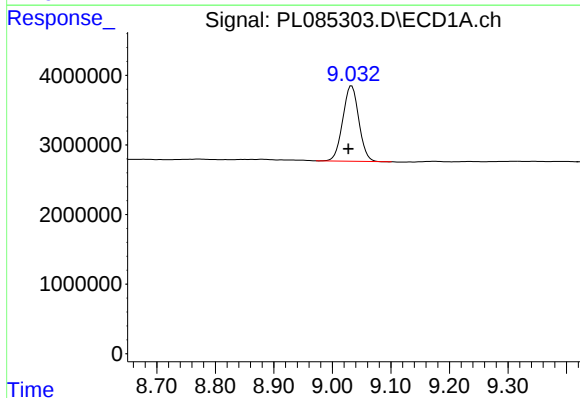
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2023
Supervised By :Ankita Jodhani 09/14/2023



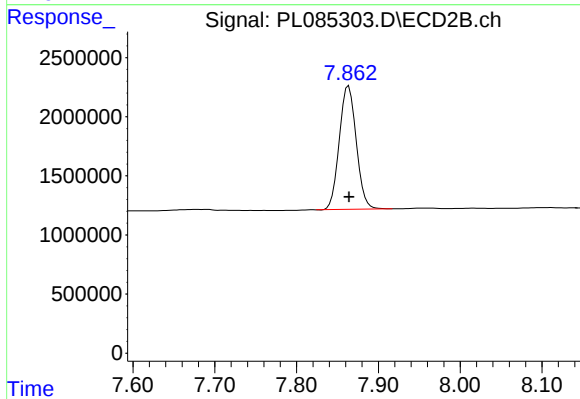
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 551440617
Conc: 373.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: 0.006 min
Response: 20680707
Conc: 12.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 15006076
Conc: 11.27 ng/ml