

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 18:12
 Operator : AR\AJ
 Sample : 01950-09DL2 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2023
 Supervised By :Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 03:08:32 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	2.658	6436078	4733530	2.767	2.371
28)	SA Decachlor...	8.751	7.777	3793753	4766482	2.120	2.403
Target Compounds							
2)	A alpha-BHC	3.779	3.158	202.0E6	169.2E6	58.921	58.036
3)	MA gamma-BHC...	4.106	3.486	577.4E6	500.3E6	181.744m	179.704
4)	MA Heptachlor	4.686	3.819	115.1E6	109.9E6	36.514	38.323
5)	MB Aldrin	5.023	4.096	148.3E6	137.0E6	51.837	51.419
6)	B beta-BHC	4.309	3.784	250.2E6	212.2E6	166.205	178.207
7)	B delta-BHC	4.551	4.012	267.4E6	232.1E6	87.967	89.749
8)	B Heptachlo...	5.449	4.598	237.1E6	219.2E6	87.160	90.271
9)	A Endosulfan I	5.830	4.966	273.5E6	266.3E6	110.706	120.617
10)	B gamma-Chl...	5.704	4.846	35570016	33110223	13.549	13.623
11)	B alpha-Chl...	5.782	4.910	76465115	73552272	29.541	30.282
12)	B 4,4'-DDE	5.960	5.101	181.6E6	169.9E6	80.587	86.266
13)	MA Dieldrin	6.105	5.230	230.6E6	227.9E6	95.234	101.296
14)	MA Endrin	6.331	5.505	309.5E6	305.0E6	146.313	150.706
15)	B Endosulfa...	6.554	5.801	229.1E6	218.4E6	107.960	120.412
16)	A 4,4'-DDD	6.475	5.655	62310620	55842299	34.550	36.798
17)	MA 4,4'-DDT	6.786	5.904	59683270	54268669	29.406	31.492
18)	B Endrin al...	6.684	5.981	300.1E6	287.8E6	183.440	185.300
19)	B Endosulfa...	6.917	6.204	230.4E6	221.0E6	110.538	113.607
20)	A Methoxychlor	7.267	6.484	82127935	82742241	76.264	83.071
21)	B Endrin ke...	7.397	6.709	407.3E6	434.2E6	194.461	203.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 18:12
Operator : AR\AJ
Sample : 01950-09DL2 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

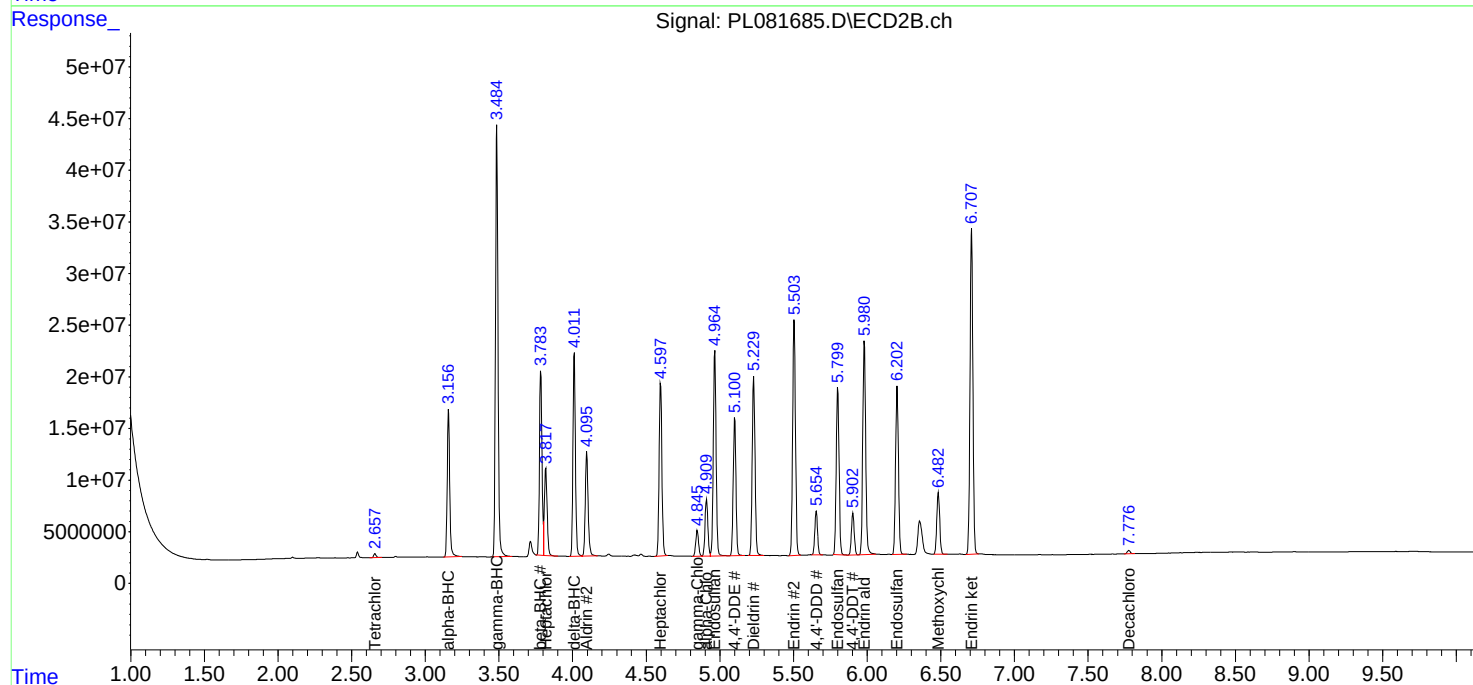
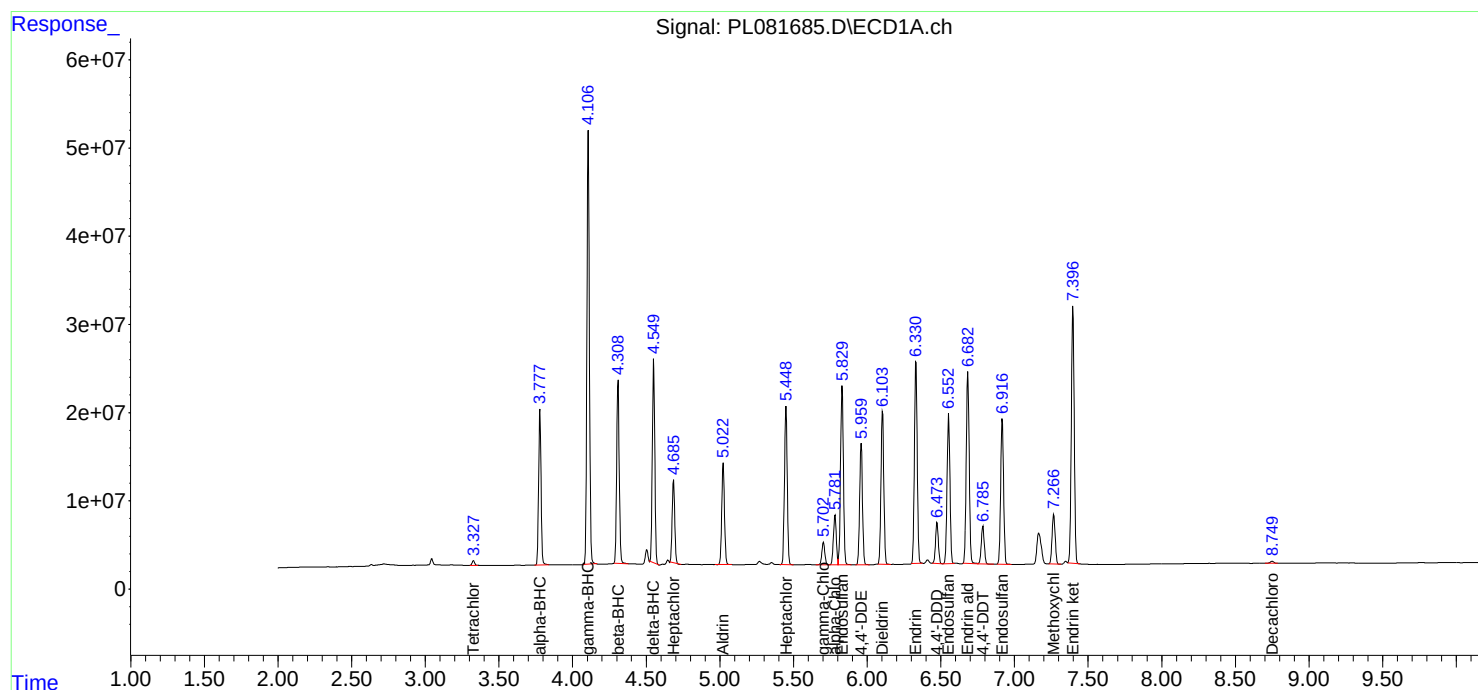
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

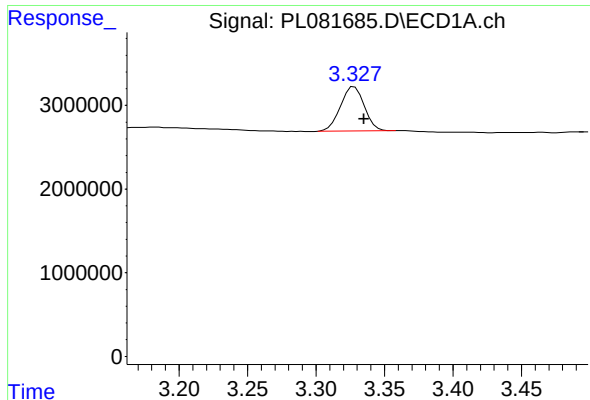
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/24/2023
Supervised By : Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 03:08:32 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





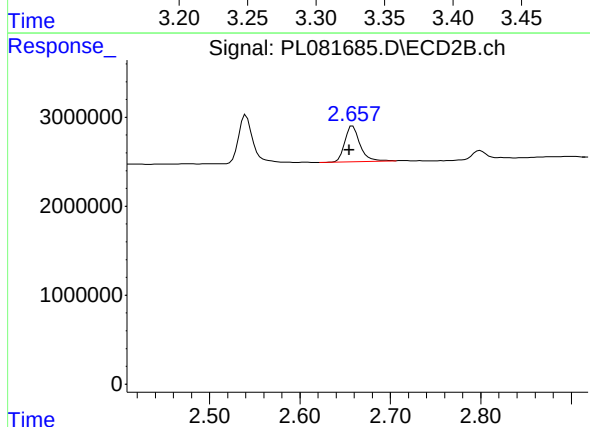
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 6436078
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

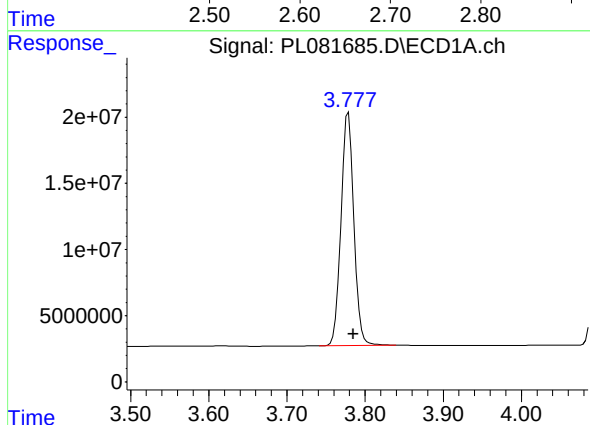
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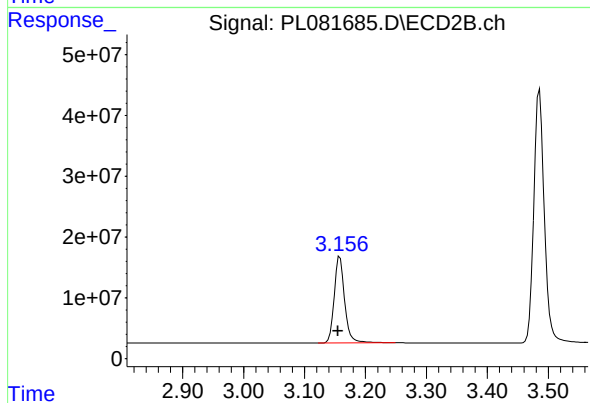
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.004 min
Response: 4733530
Conc: 2.37 ng/ml



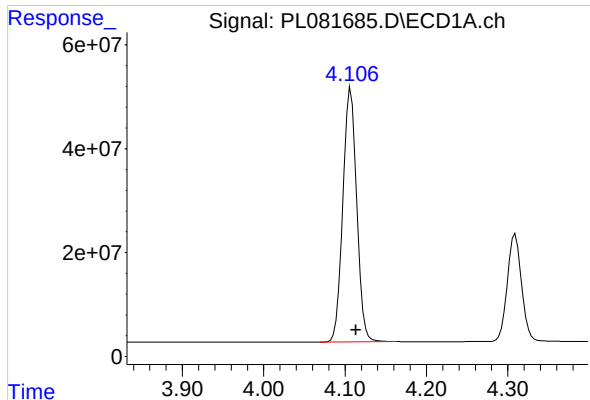
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 202004880
Conc: 58.92 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 169174483
Conc: 58.04 ng/ml



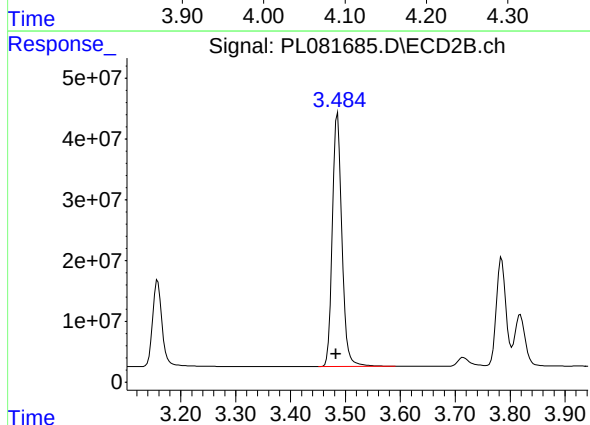
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 577370197
Conc: 181.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

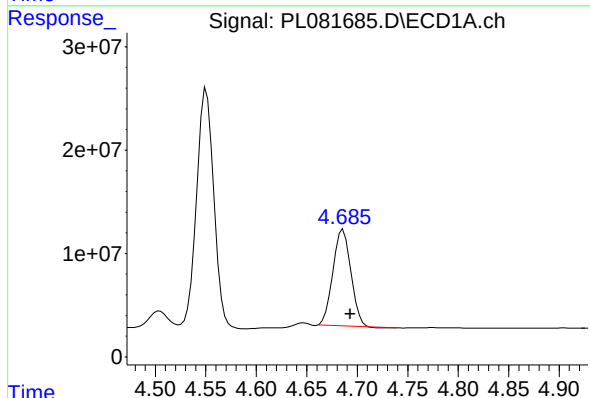
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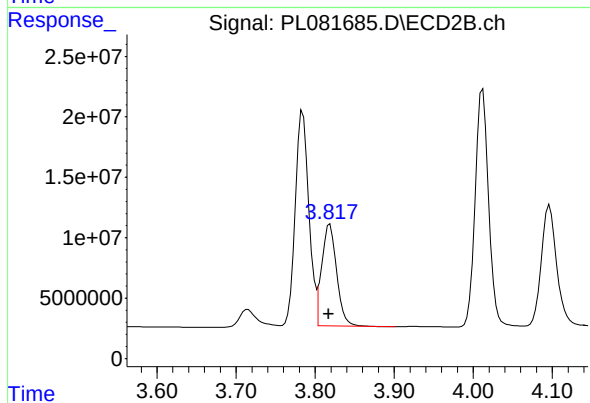
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.003 min
Response: 500335010
Conc: 179.70 ng/ml



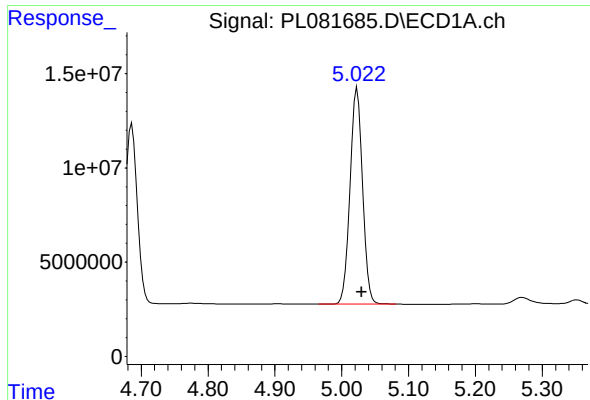
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 115097995
Conc: 36.51 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 109871655
Conc: 38.32 ng/ml



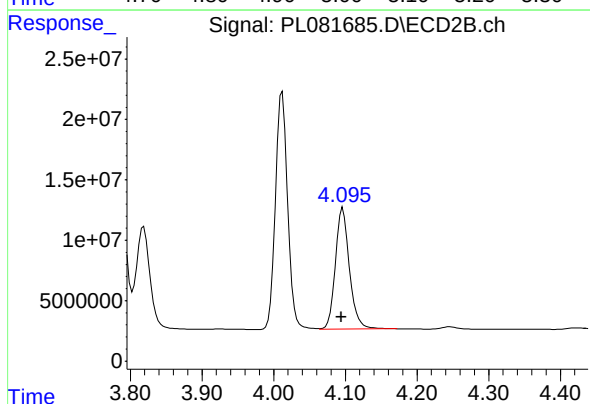
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 148269107
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

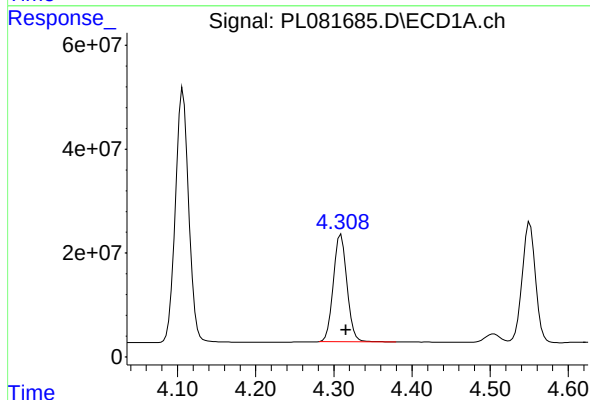
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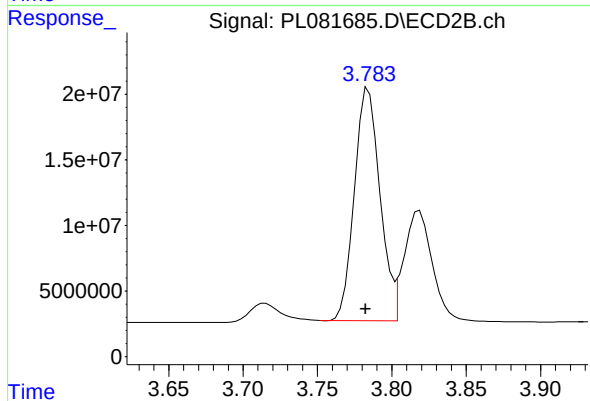
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 137003283
Conc: 51.42 ng/ml



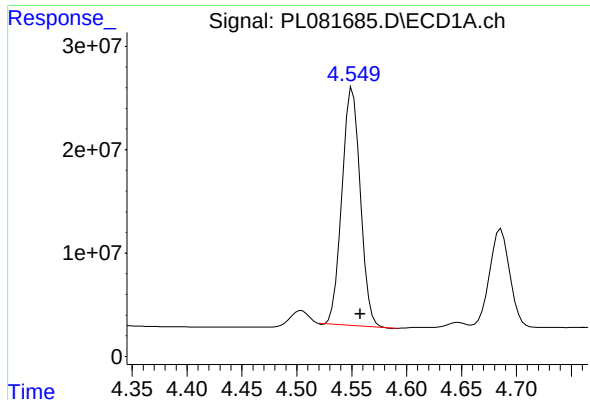
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 250151906
Conc: 166.20 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 212242361
Conc: 178.21 ng/ml



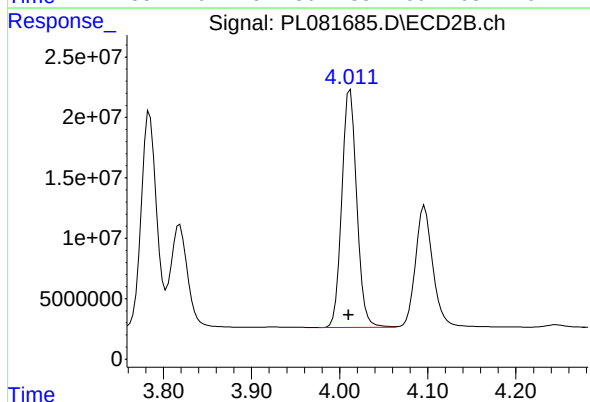
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 267350031
Conc: 87.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

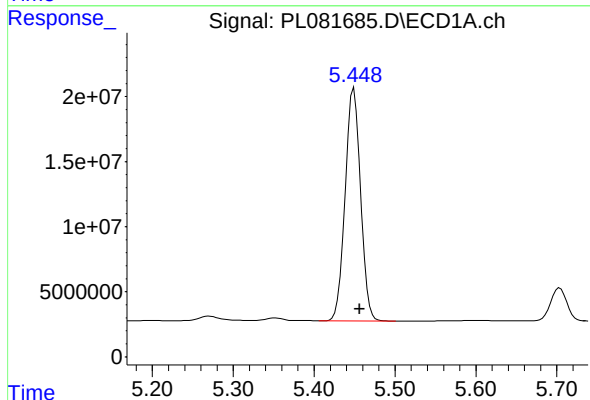
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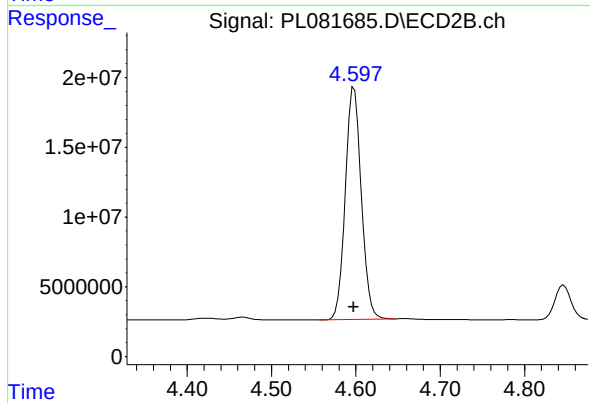
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 232100104
Conc: 89.75 ng/ml



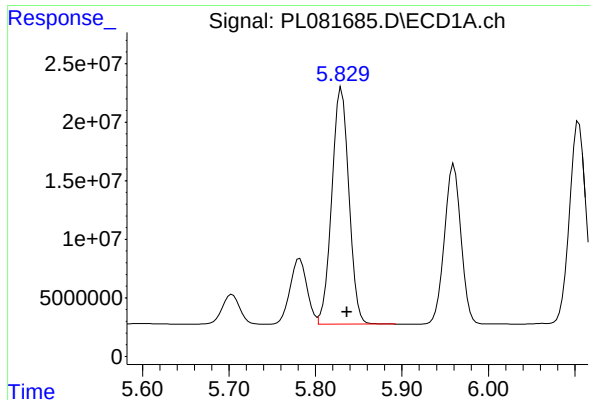
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 237076856
Conc: 87.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 219245756
Conc: 90.27 ng/ml



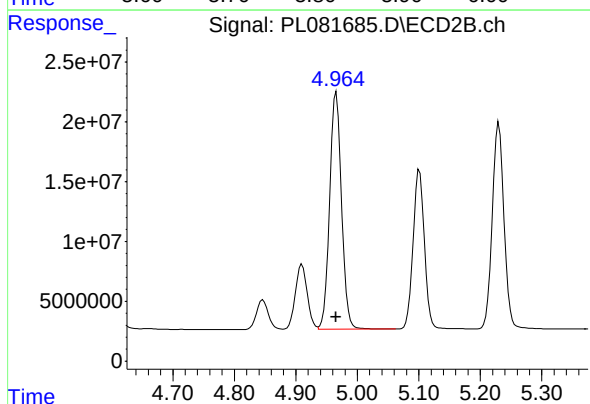
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 273535670
Conc: 110.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

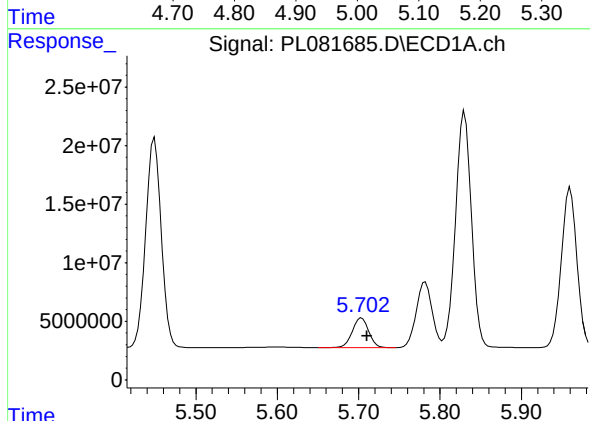
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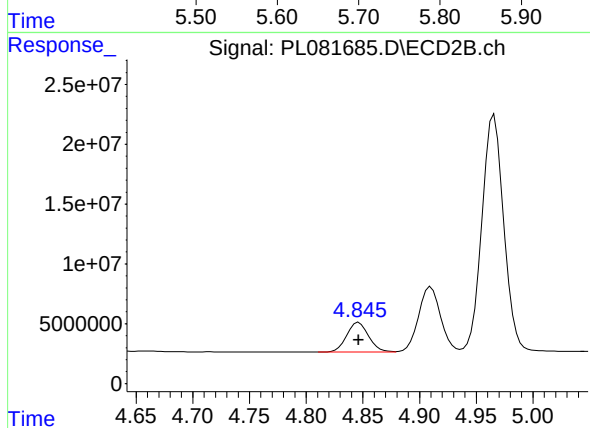
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 266290127
Conc: 120.62 ng/ml



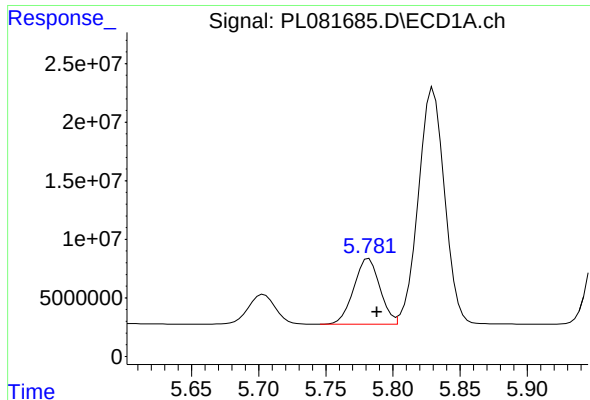
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.007 min
Response: 35570016
Conc: 13.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 33110223
Conc: 13.62 ng/ml



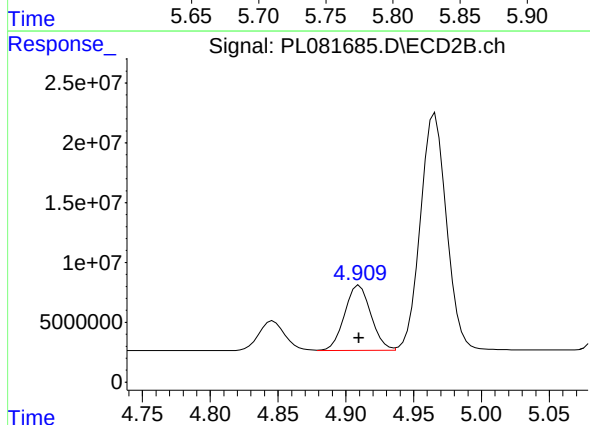
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 76465115
Conc: 29.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

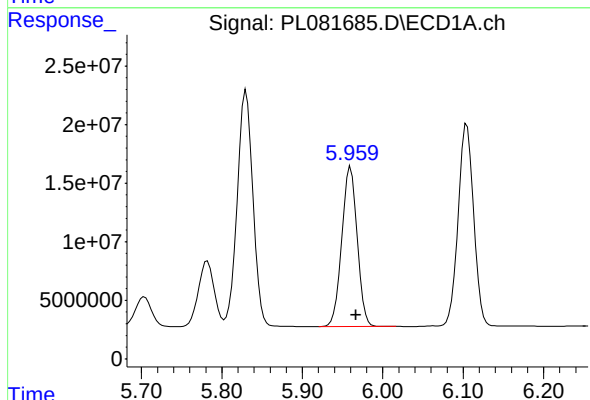
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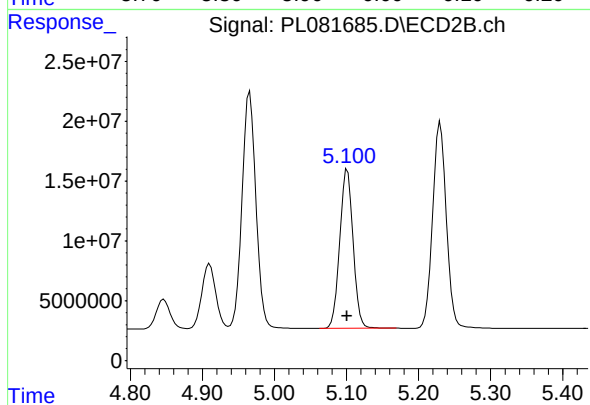
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 73552272
Conc: 30.28 ng/ml



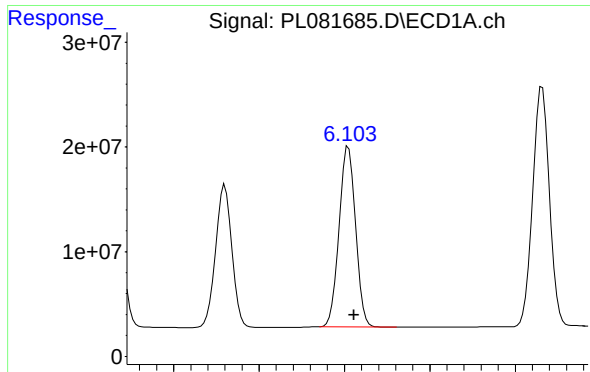
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 181614934
Conc: 80.59 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 169926498
Conc: 86.27 ng/ml



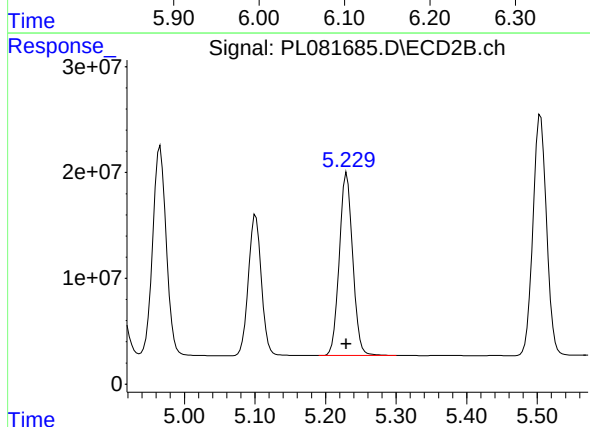
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 230556060
Conc: 95.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

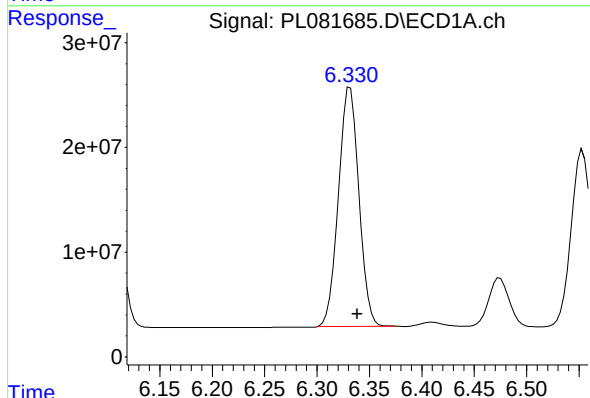
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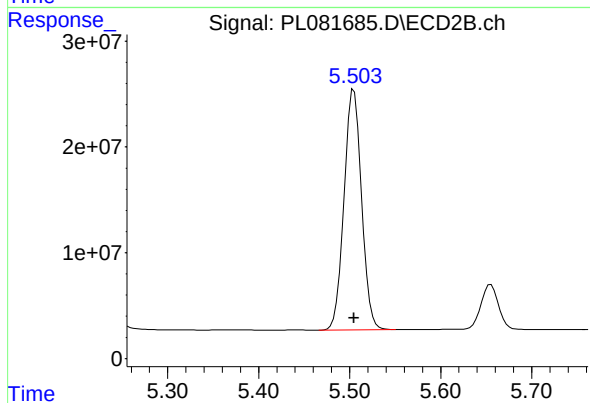
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 227857963
Conc: 101.30 ng/ml



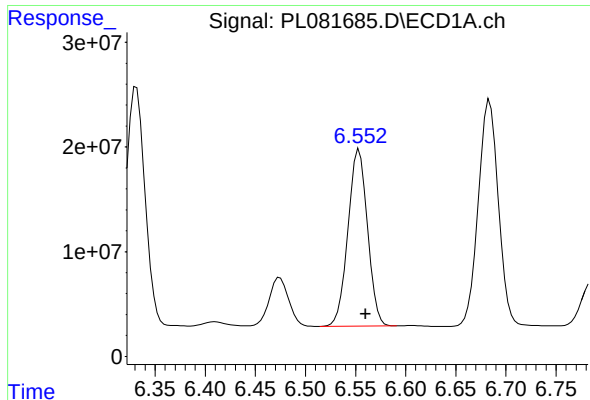
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 309484522
Conc: 146.31 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 304986456
Conc: 150.71 ng/ml



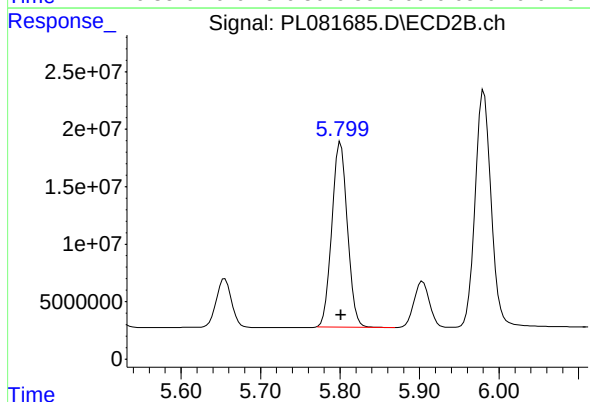
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 229102892
Conc: 107.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

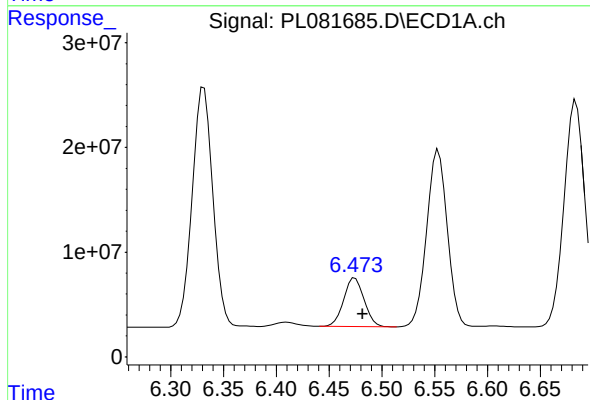
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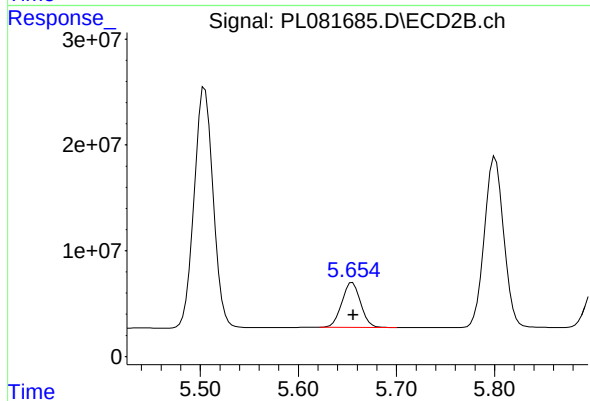
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 218432202
Conc: 120.41 ng/ml



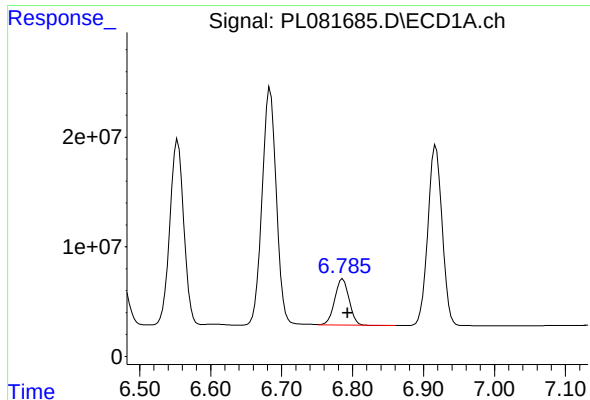
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 62310620
Conc: 34.55 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 55842299
Conc: 36.80 ng/ml



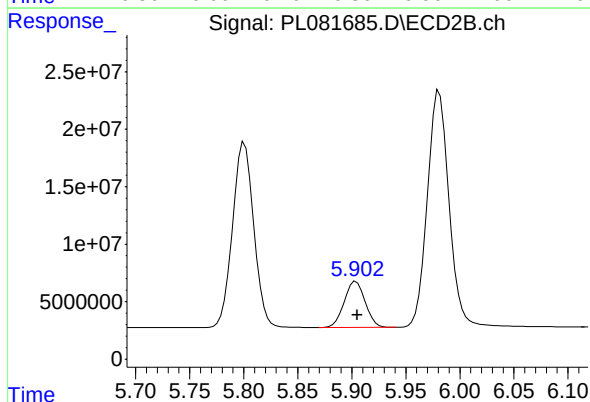
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 59683270
Conc: 29.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

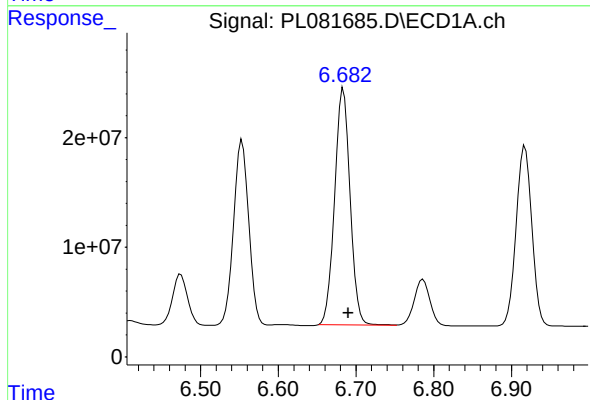
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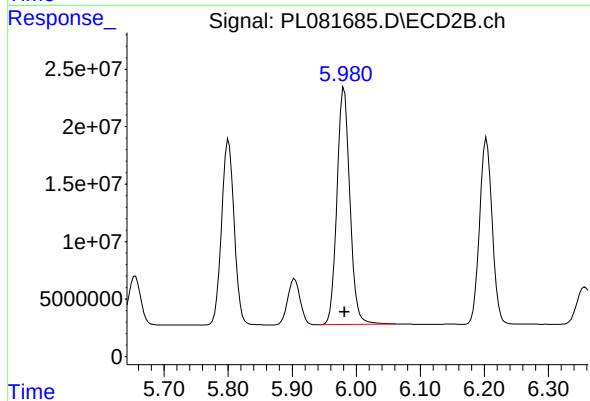
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: -0.001 min
Response: 54268669
Conc: 31.49 ng/ml



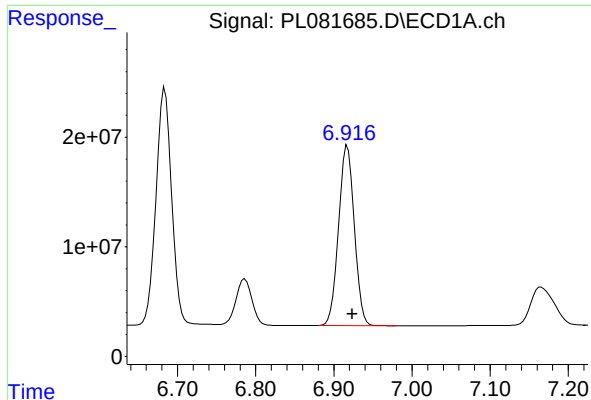
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 300128072
Conc: 183.44 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 287767831
Conc: 185.30 ng/ml



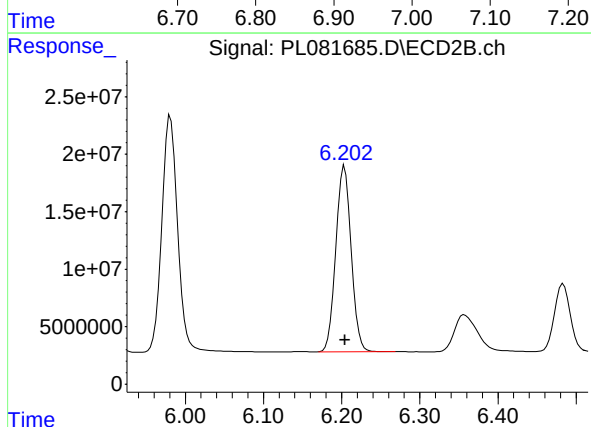
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 230366068
Conc: 110.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

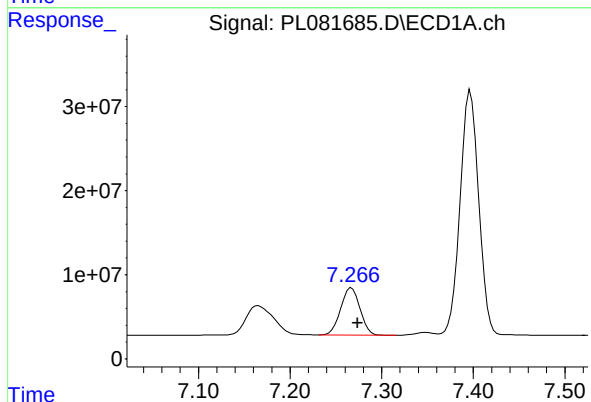
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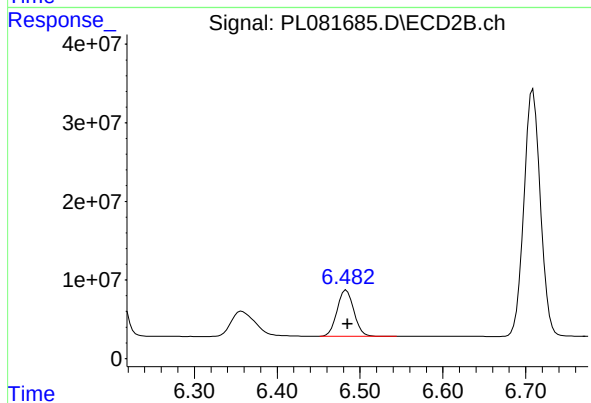
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 221043728
Conc: 113.61 ng/ml



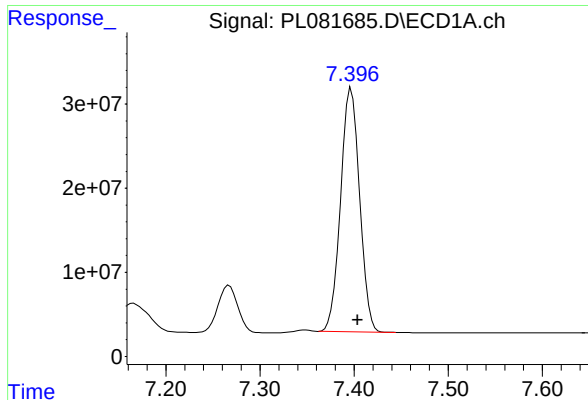
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 82127935
Conc: 76.26 ng/ml



#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 82742241
Conc: 83.07 ng/ml



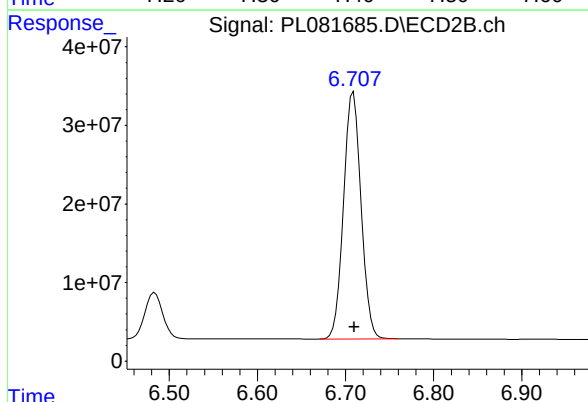
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 407332306
Conc: 194.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

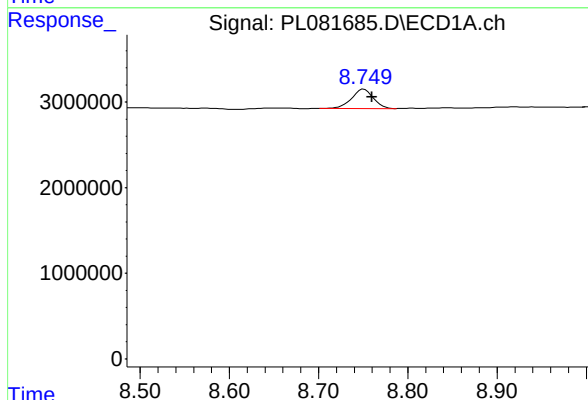
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2023
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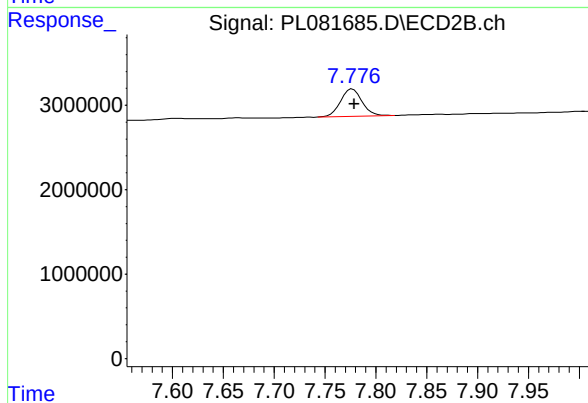
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 434206712
Conc: 203.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 3793753
Conc: 2.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 4766482
Conc: 2.40 ng/ml