

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
 Data File : PL085304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 12:25
 Operator : AR\AJ
 Sample : 04346-09DL2 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL2

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 22:34:12 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...	3.475	2.682	6251302	2332350	2.556	2.053
28)	SA Decachlor...	9.025	7.860	6424099	4529655	3.995	3.403
Target Compounds							
2)	A alpha-BHC	3.934	3.187	122.8E6	57133881	35.625	34.934
3)	MA gamma-BHC...	4.268	3.518	366.9E6	175.4E6	110.512	109.881
4)	MA Heptachlor	4.860	3.858	65495164	29209963	19.863	19.247
5)	MB Aldrin	5.202	4.138	115.3E6	57048479	37.509	37.319
6)	B beta-BHC	4.468	3.820	42570432	20025701	30.121	29.513
7)	B delta-BHC	4.713	4.049	475.4E6	245.6E6	150.428m	157.083
8)	B Heptachlo...	5.632	4.644	255.2E6	131.9E6	97.794	96.140
9)	A Endosulfan I	6.018	5.014	134.4E6	74091151	55.952	54.133
10)	B gamma-Chl...	5.890	4.897	218.7E6	118.9E6	84.171	86.203
11)	B alpha-Chl...	5.970	4.961	82149342	43406796	31.927	29.046
12)	B 4,4'-DDE	6.149	5.160	113.0E6	66100648	54.356	53.133
13)	MA Dieldrin	6.295	5.281	204.4E6	119.8E6	83.909	85.219
14)	MA Endrin	6.525	5.556	241.2E6	152.7E6	116.781	119.476
15)	B Endosulfa...	6.746	5.854	90929424	53215305	44.935	42.977
16)	A 4,4'-DDD	6.668	5.717	171.5E6	113.1E6	111.418	107.678
17)	MA 4,4'-DDT	6.983	5.968	42800993	26456455	25.407	22.693
18)	B Endrin al...	6.876	6.035	295.0E6	189.7E6	191.936	185.672
19)	B Endosulfa...	7.112	6.261	368.6E6	239.7E6	196.922	199.754
20)	A Methoxychlor	7.465	6.553	169.0E6	123.0E6	186.028	182.906
21)	B Endrin ke...	7.596	6.765	388.8E6	287.3E6	198.497	194.764

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091423\
Data File : PL085304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2023 12:25
Operator : AR\AJ
Sample : 04346-09DL2 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

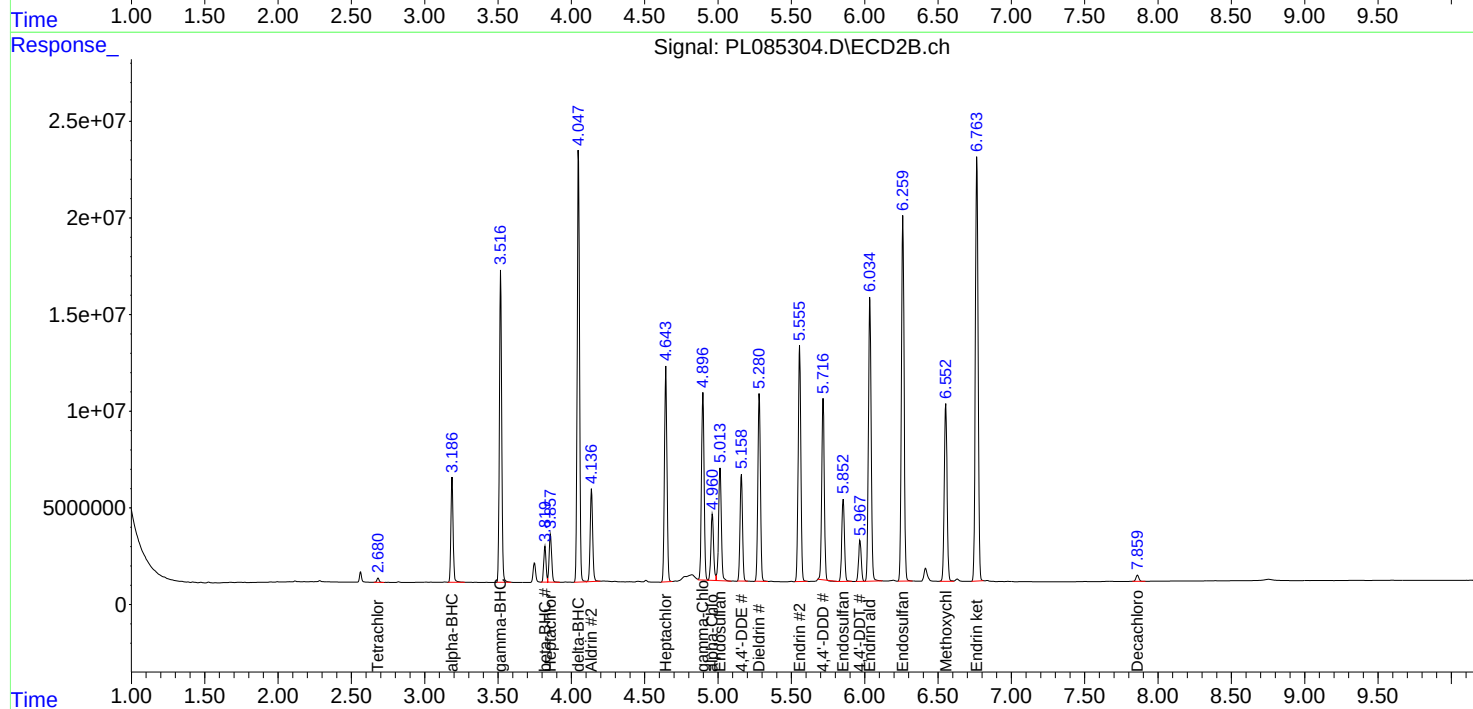
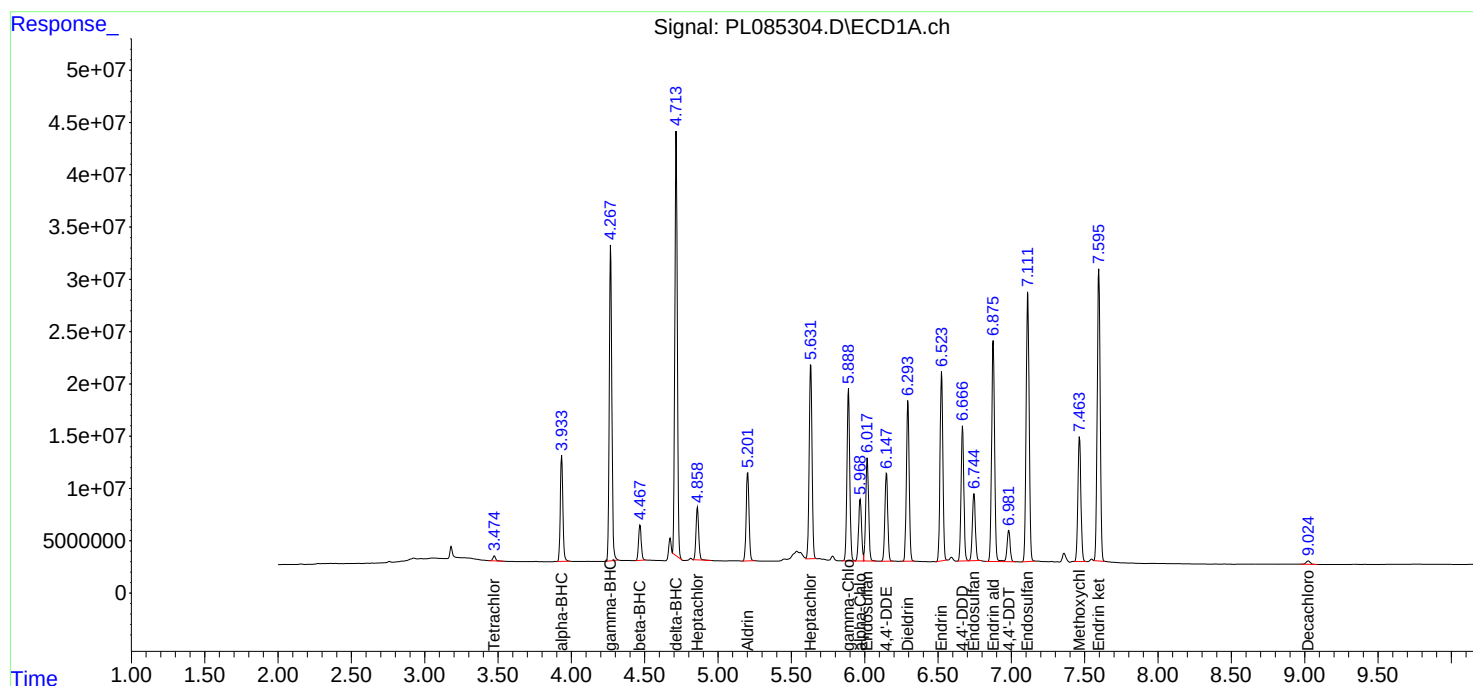
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

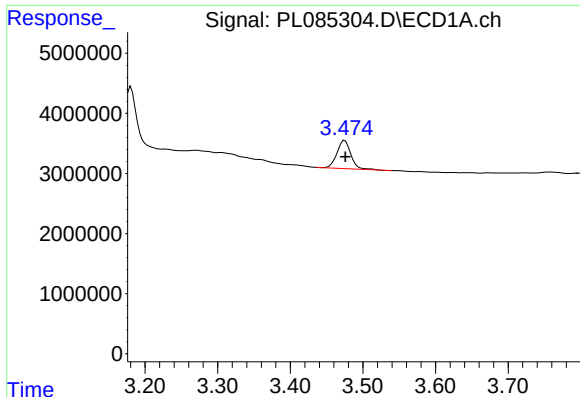
Manual Integrations
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Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 22:34:12 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





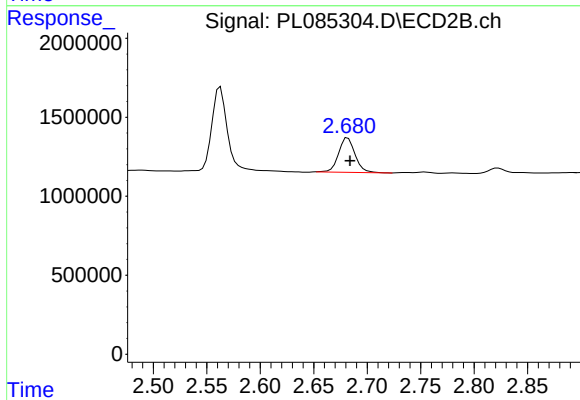
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.000 min
Response: 6251302
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

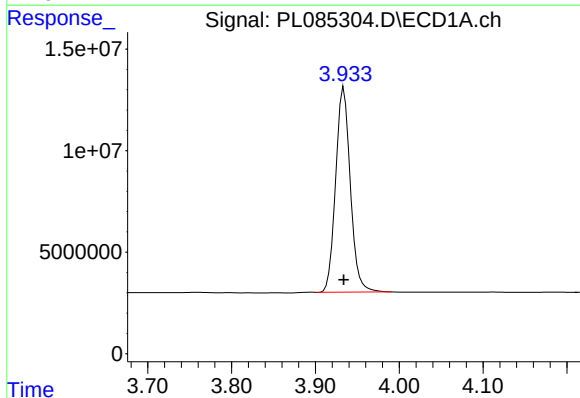
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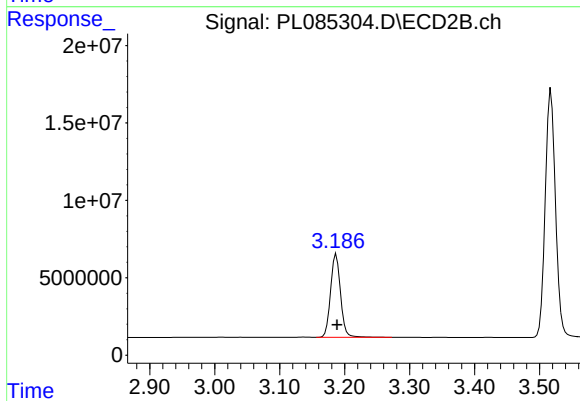
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.002 min
Response: 2332350
Conc: 2.05 ng/ml



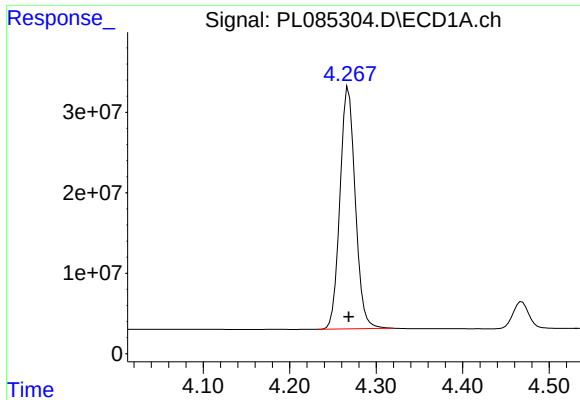
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 122756299
Conc: 35.62 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.001 min
Response: 57133881
Conc: 34.93 ng/ml



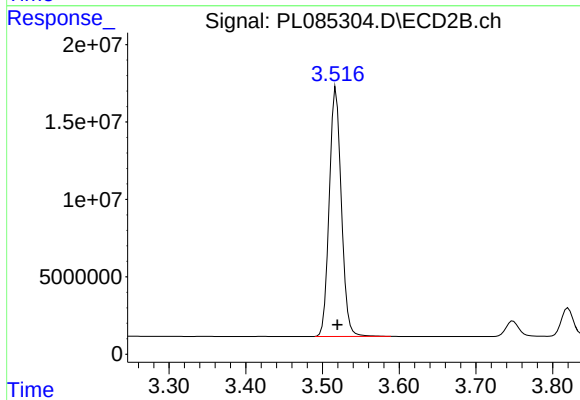
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 366863038
Conc: 110.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

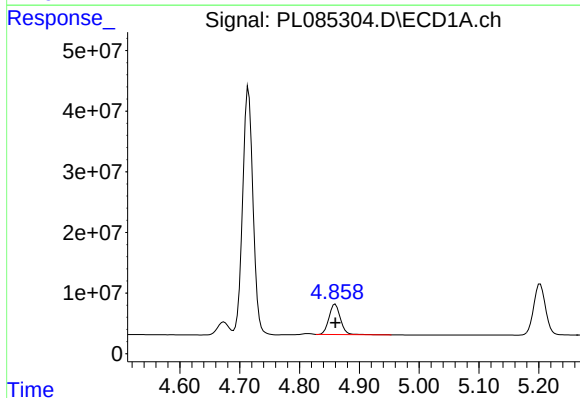
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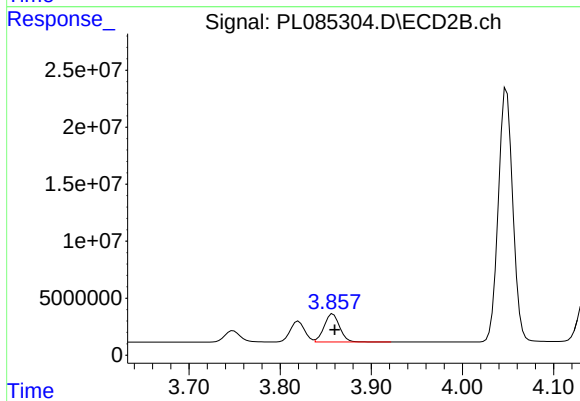
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 175370772
Conc: 109.88 ng/ml



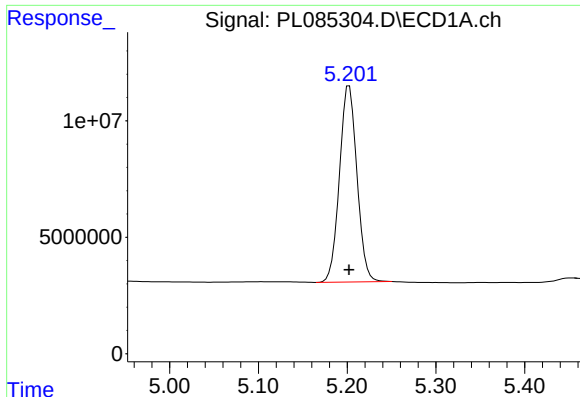
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 65495164
Conc: 19.86 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 29209963
Conc: 19.25 ng/ml



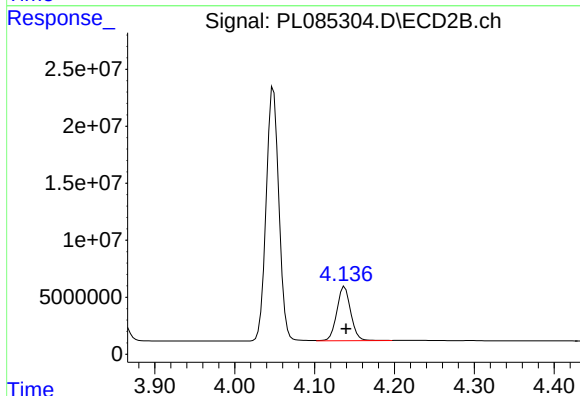
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 115335434
Conc: 37.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

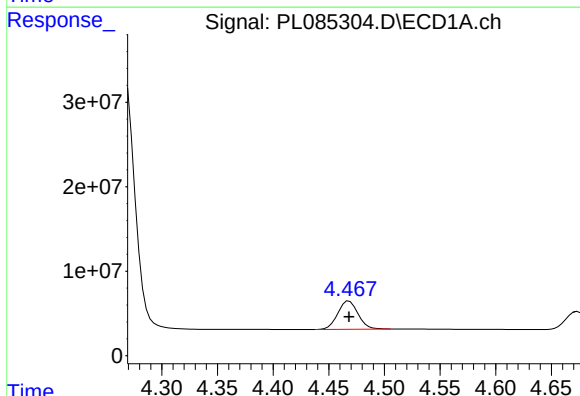
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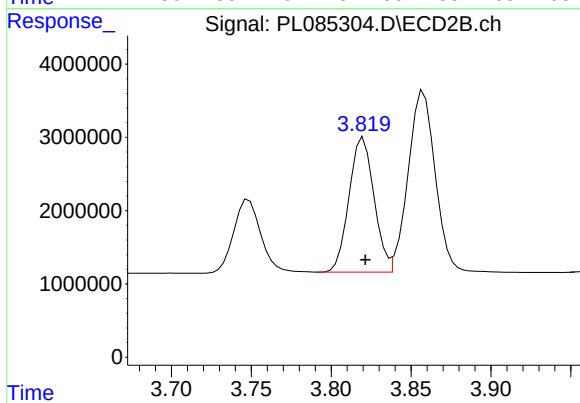
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.002 min
Response: 57048479
Conc: 37.32 ng/ml



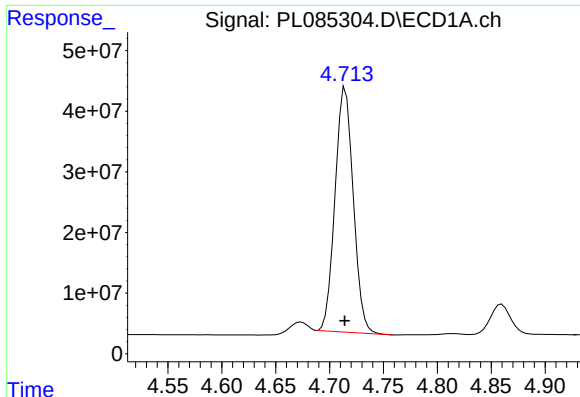
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 42570432
Conc: 30.12 ng/ml



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 20025701
Conc: 29.51 ng/ml



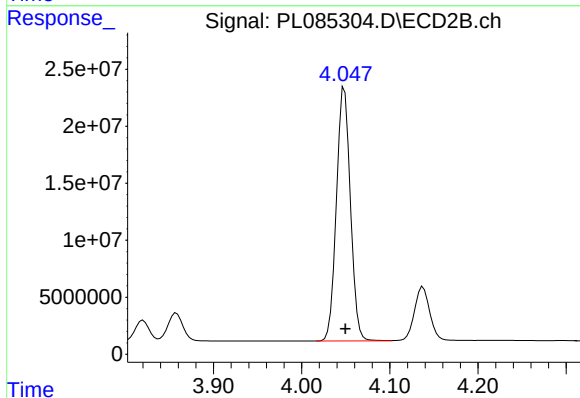
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 475436013
Conc: 150.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

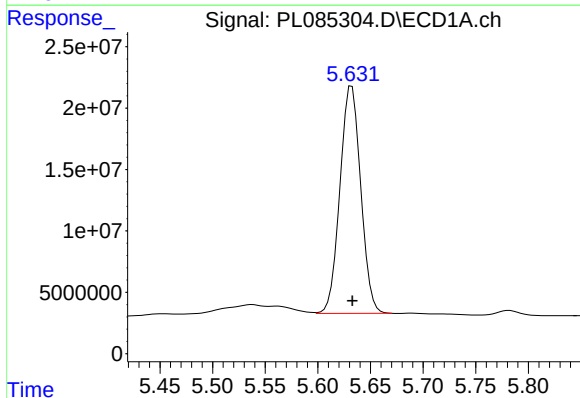
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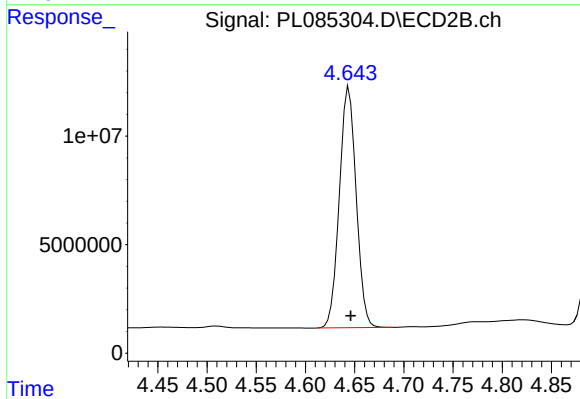
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 245621821
Conc: 157.08 ng/ml



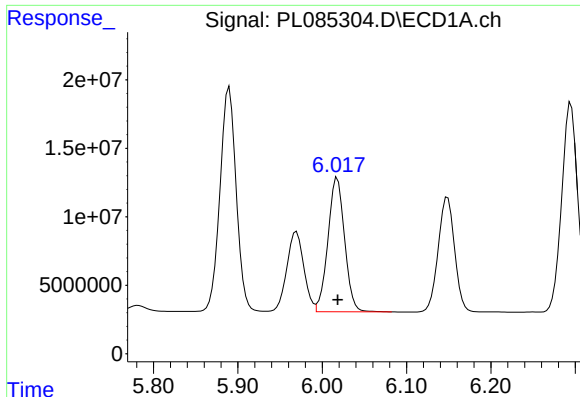
#8 Heptachlor epoxide

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 255237926
Conc: 97.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 131932994
Conc: 96.14 ng/ml



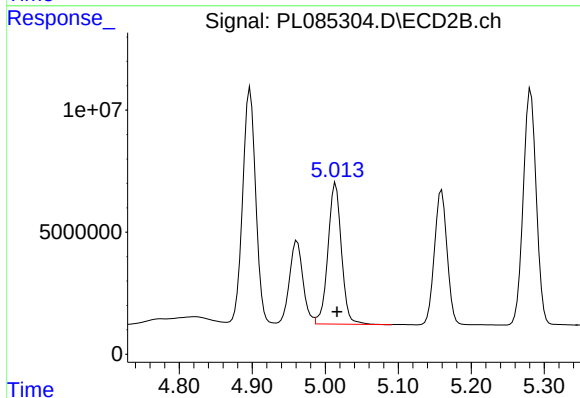
#9 Endosulfan I

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 134379250
Conc: 55.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

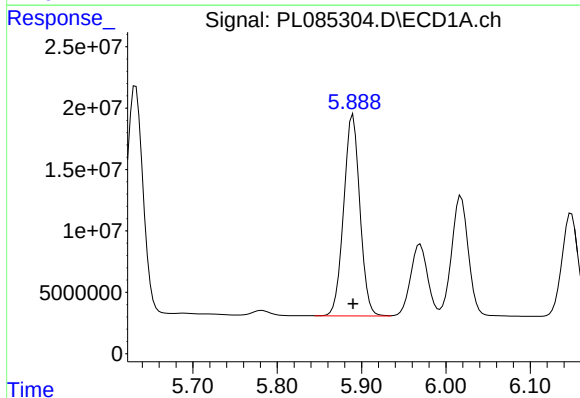
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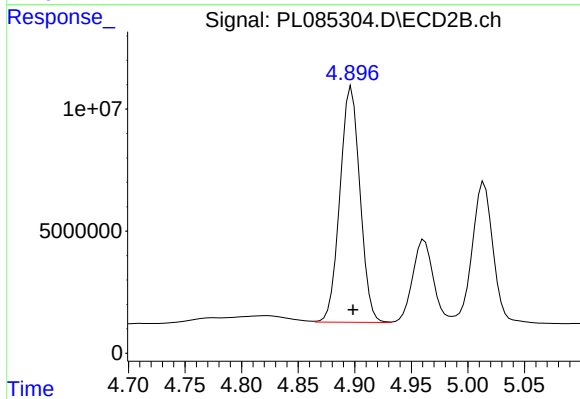
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 74091151
Conc: 54.13 ng/ml



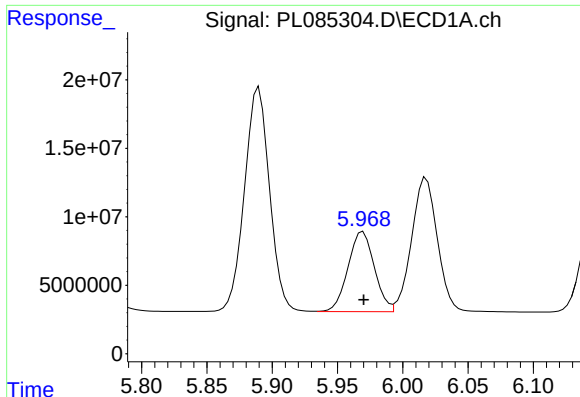
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 218655826
Conc: 84.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.001 min
Response: 118899944
Conc: 86.20 ng/ml



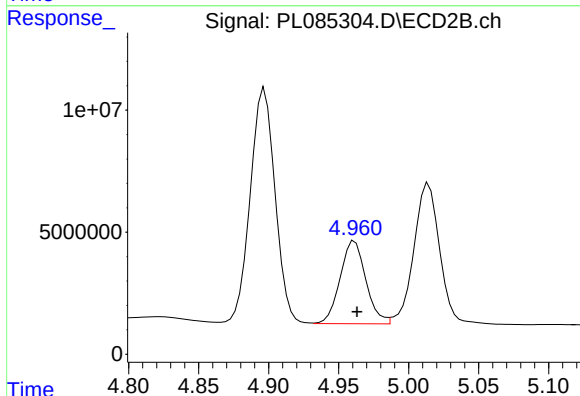
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 82149342
Conc: 31.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

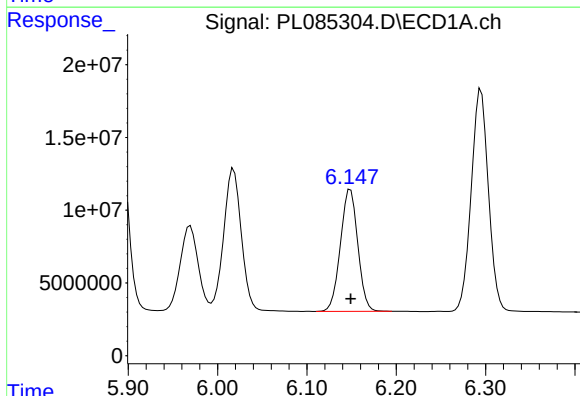
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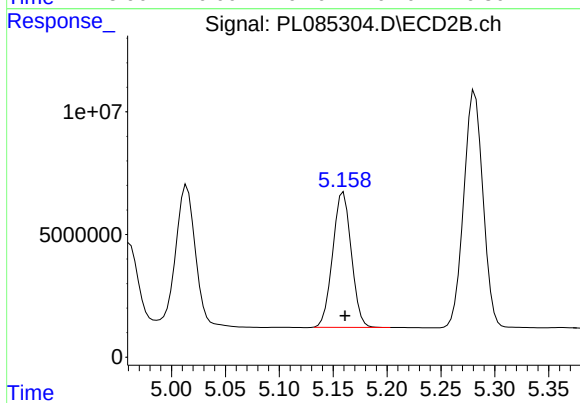
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 43406796
Conc: 29.05 ng/ml



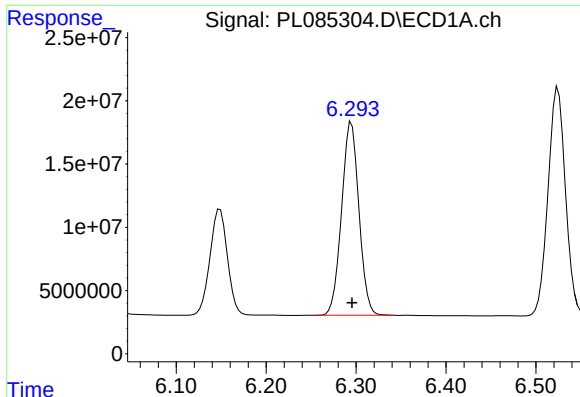
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 112990939
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.001 min
Response: 66100648
Conc: 53.13 ng/ml



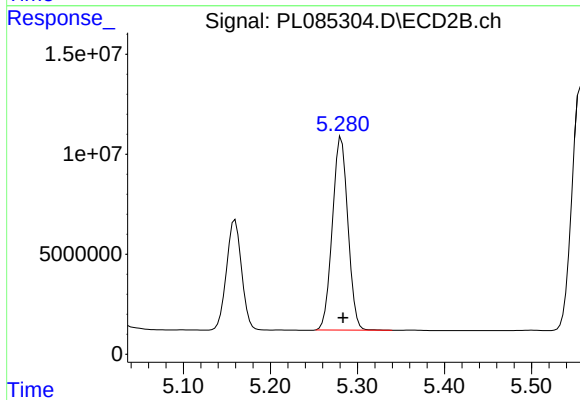
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 204444783
Conc: 83.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

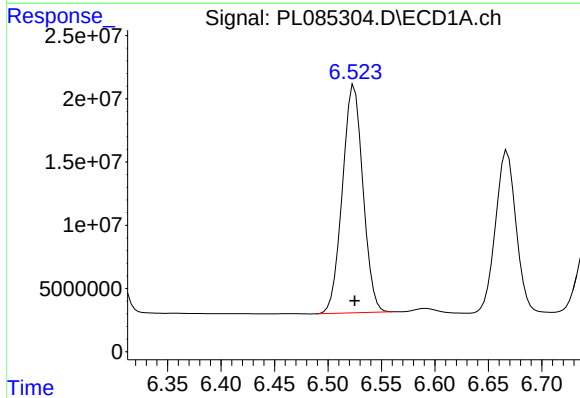
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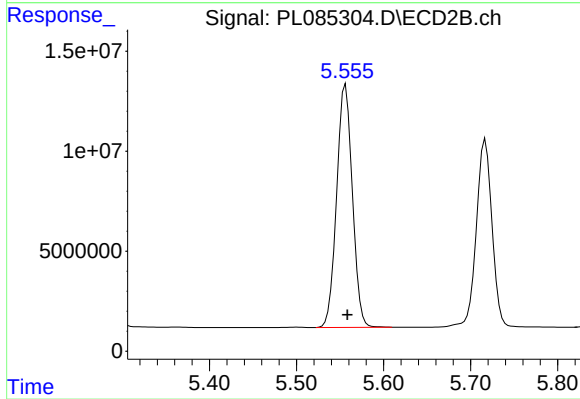
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 119805370
Conc: 85.22 ng/ml



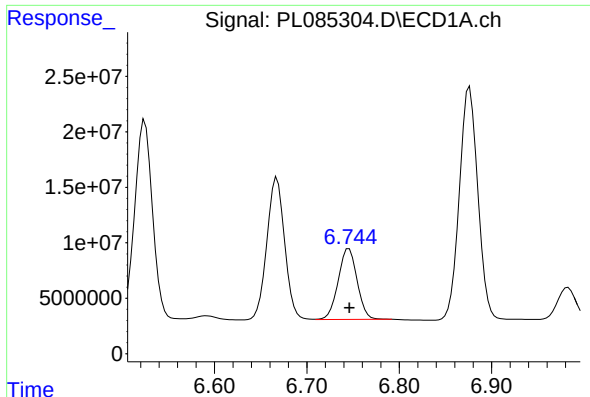
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 241229701
Conc: 116.78 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 152716362
Conc: 119.48 ng/ml



#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 90929424
Conc: 44.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

Manual Integrations
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#15 Endosulfan II

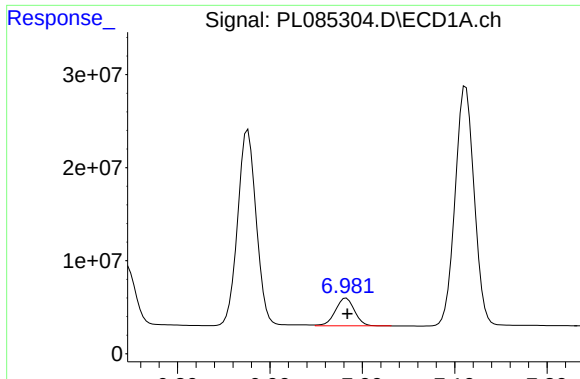
R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 53215305
Conc: 42.98 ng/ml

#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 171544556
Conc: 111.42 ng/ml

#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 113126609
Conc: 107.68 ng/ml



#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 42800993
Conc: 25.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#17 4,4'-DDT

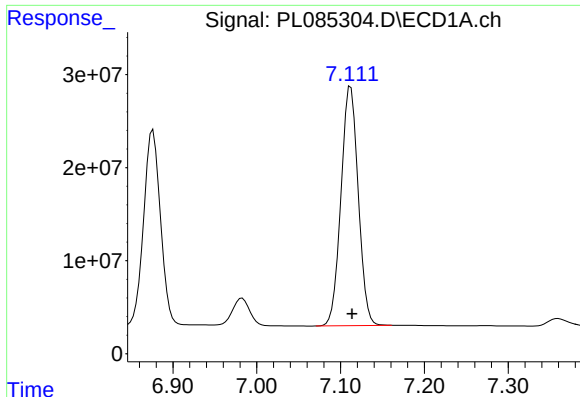
R.T.: 5.968 min
Delta R.T.: -0.003 min
Response: 26456455
Conc: 22.69 ng/ml

#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.001 min
Response: 295032535
Conc: 191.94 ng/ml

#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 189651958
Conc: 185.67 ng/ml



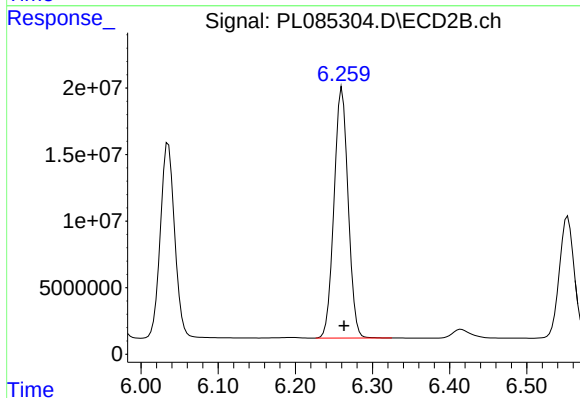
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: -0.001 min
Response: 368600958
Conc: 196.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

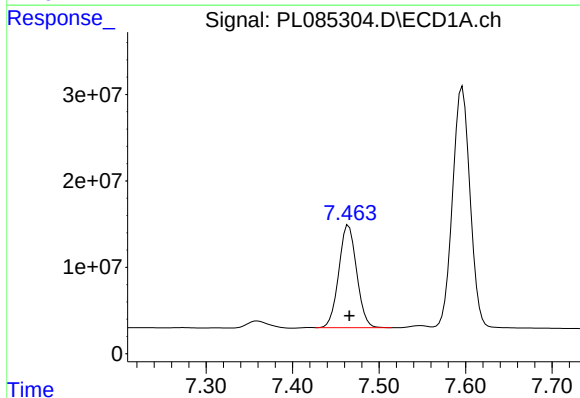
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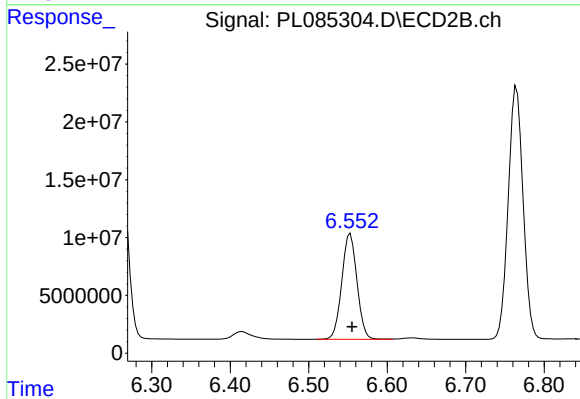
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 239703767
Conc: 199.75 ng/ml



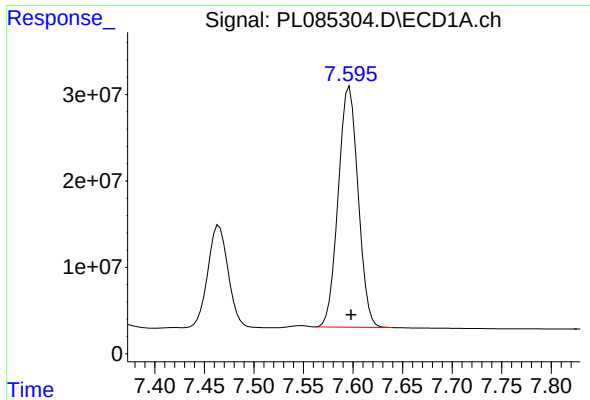
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 169025619
Conc: 186.03 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 123043886
Conc: 182.91 ng/ml



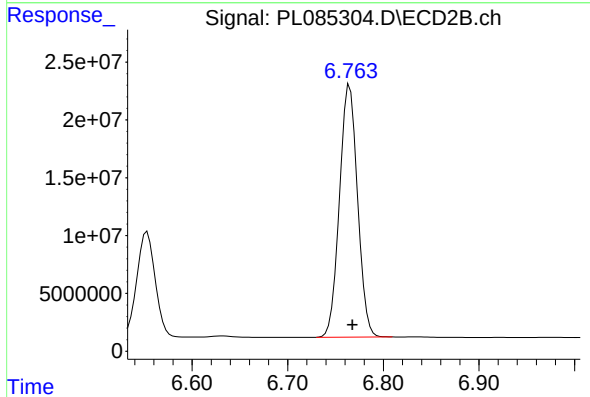
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.002 min
Response: 388830042
Conc: 198.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

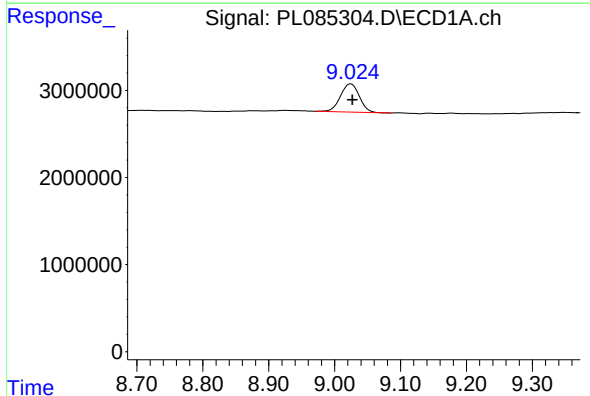
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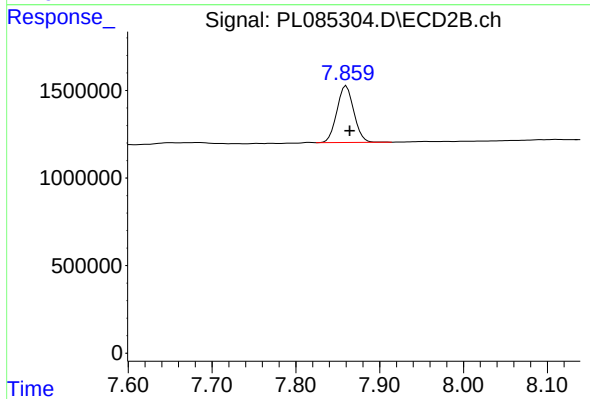
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 287273049
Conc: 194.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 6424099
Conc: 3.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.004 min
Response: 4529655
Conc: 3.40 ng/ml