

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
 Data File : PD066602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 14:24
 Operator : AJ\MA
 Sample : M4386-21DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/29/2021
 Supervised By :mohammad ahmed 10/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:03:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.440	3.969	2175745	13096665	1.166	1.618 #
28)	SA Decachlor...	8.165	9.023	1291342	6416332	1.118m	1.191
Target Compounds							
2)	A alpha-BHC	3.877	4.362	142.7E6	510.3E6	46.690	46.256
3)	MA gamma-BHC...	4.159	4.647	117.4E6	405.0E6	38.866	40.644
4)	MA Heptachlor	4.452	5.146	87711125	299.9E6	29.566	30.592
5)	MB Aldrin	4.698	5.450	148.6E6	467.0E6	51.561	51.448
6)	B beta-BHC	4.406	4.824	58689472	226.1E6	46.984	48.566
7)	B delta-BHC	4.609	5.038	95796871	344.8E6	35.635	37.721
8)	B Heptachlo...	5.138	5.839	115.3E6	346.6E6	44.585	47.826
9)	A Endosulfan I	5.475	6.196	73043181	250.3E6	30.758	31.749
10)	B gamma-Chl...	5.362	6.072	128.3E6	404.9E6	49.256	48.531
11)	B alpha-Chl...	5.421	6.144	109.7E6	353.9E6	42.736	42.661
12)	B 4,4'-DDE	5.585	6.304	114.8E6	382.6E6	49.290	48.549
13)	MA Dieldrin	5.717	6.454	128.9E6	412.4E6	51.511	49.706
14)	MA Endrin	5.974	6.672	31569296	112.6E6	15.084	16.354
15)	B Endosulfa...	6.246	6.887	40320529	150.8E6	20.276	21.358
16)	A 4,4'-DDD	6.099	6.798	54799965	206.8E6	29.229	30.429
17)	MA 4,4'-DDT	6.338	7.095	29655022	118.2E6	15.417	16.299
18)	B Endrin al...	6.415	7.011	23529501	90971446	15.222	15.993
19)	B Endosulfa...	6.626	7.233	10187292	45941972	5.474	6.333
20)	A Methoxychlor	6.885	7.557	7394213	37276129	7.160	9.150 #
21)	B Endrin ke...	7.119	7.707	60468968	242.6E6	27.712	28.845

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102921\
 Data File : PD066602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 14:24
 Operator : AJ\MA
 Sample : M4386-21DL2 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

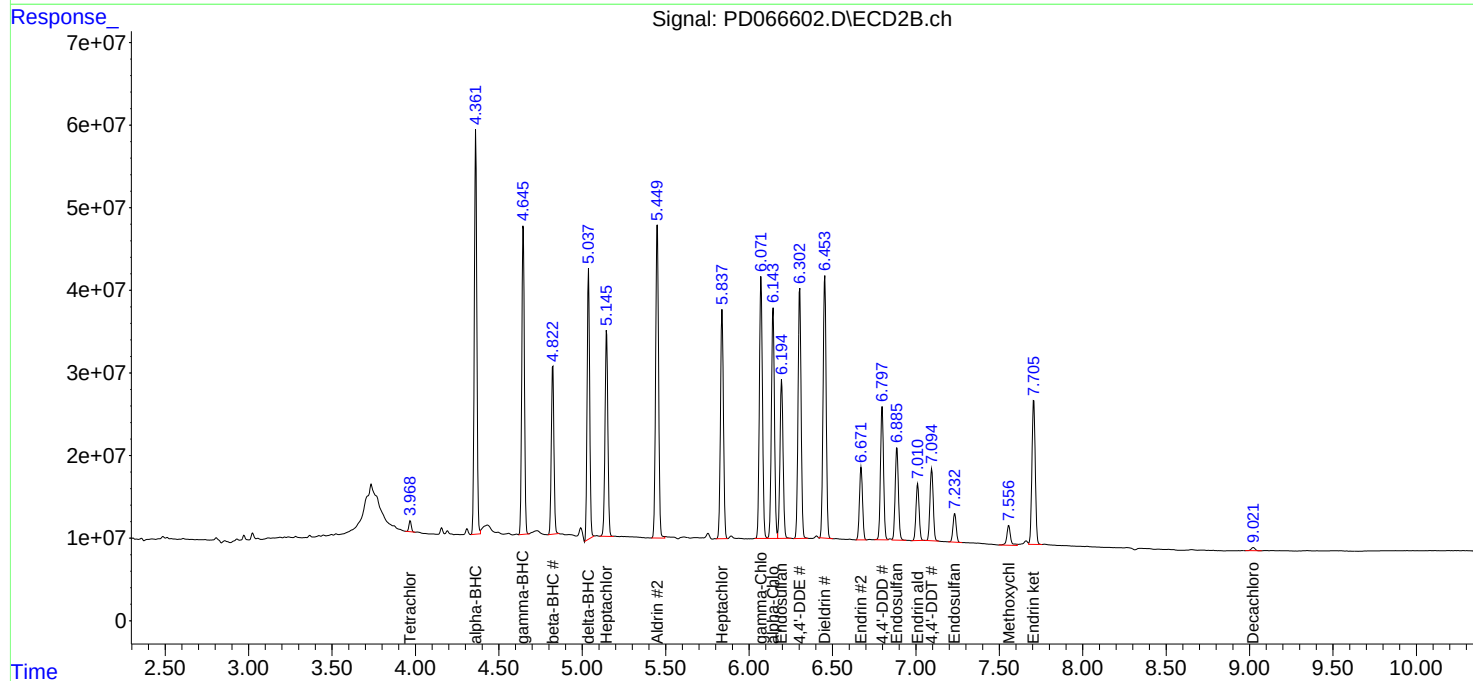
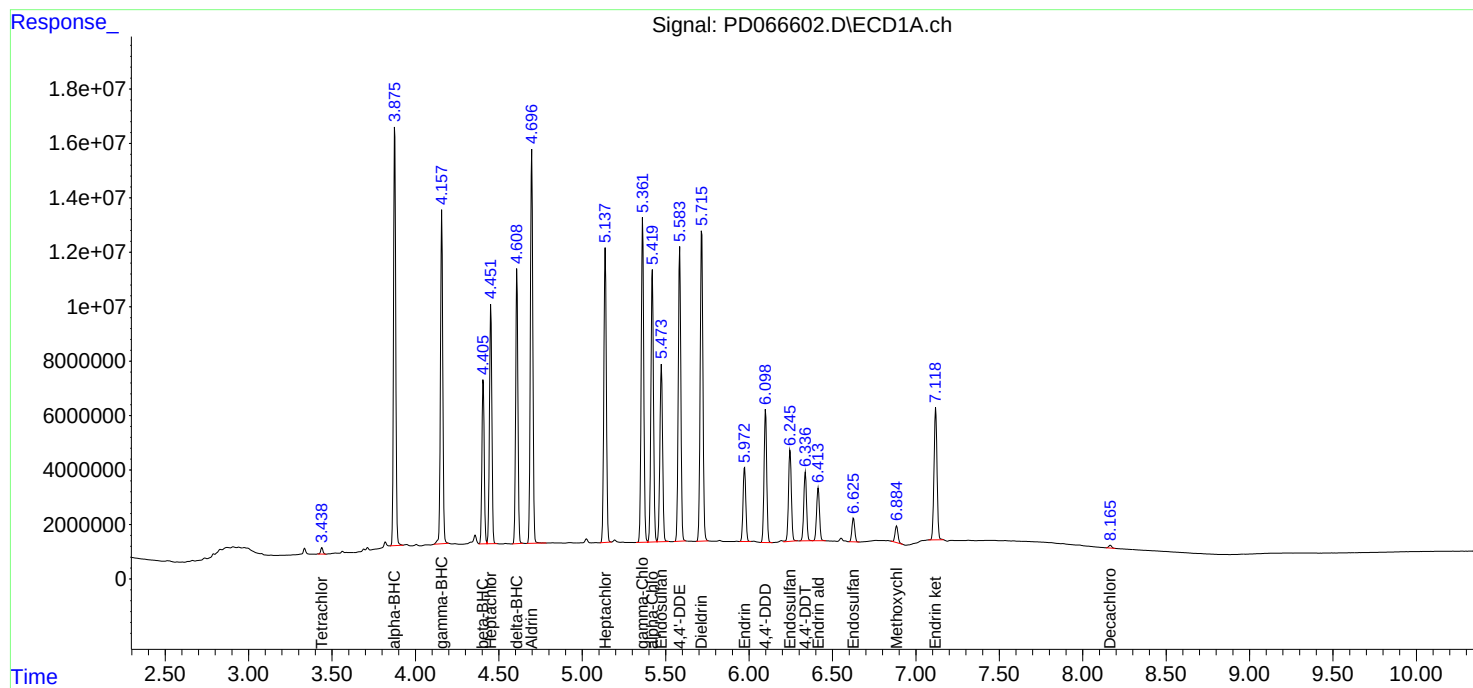
Instrument :
 ECD_D
 ClientSampleId :
 PT-PEST-SOILDL2

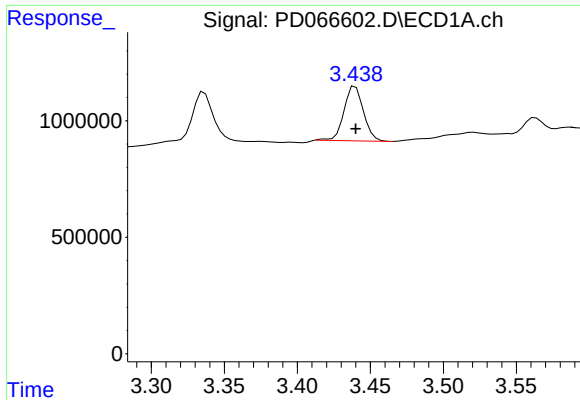
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 02:03:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
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Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





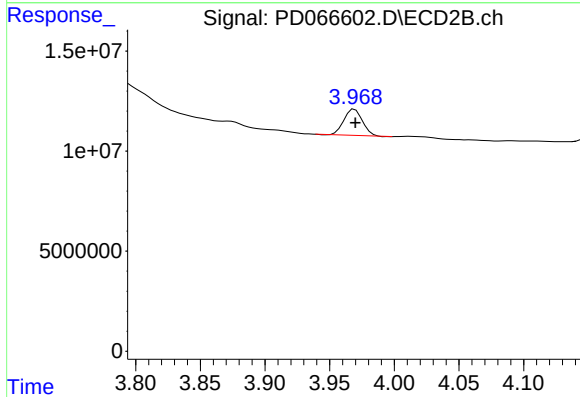
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 2175745
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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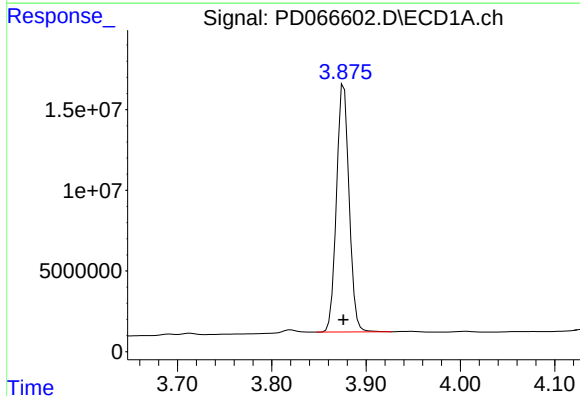
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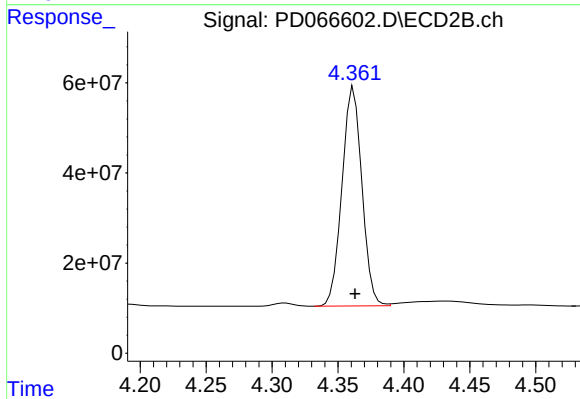
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 13096665
Conc: 1.62 ng/ml



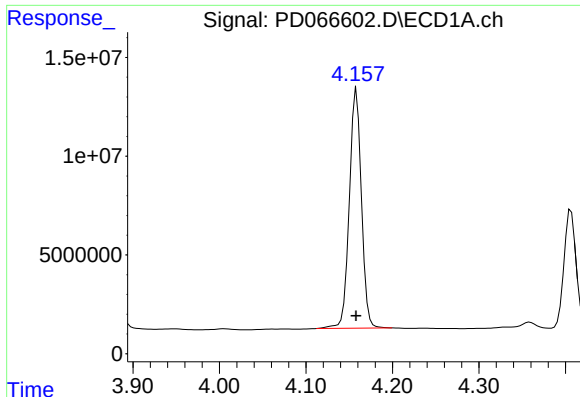
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 142746321
Conc: 46.69 ng/ml



#2 alpha-BHC

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 510324771
Conc: 46.26 ng/ml



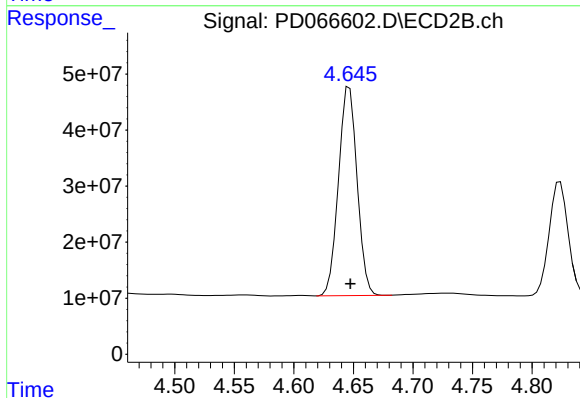
#3 gamma-BHC (Lindane)

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 117372955
Conc: 38.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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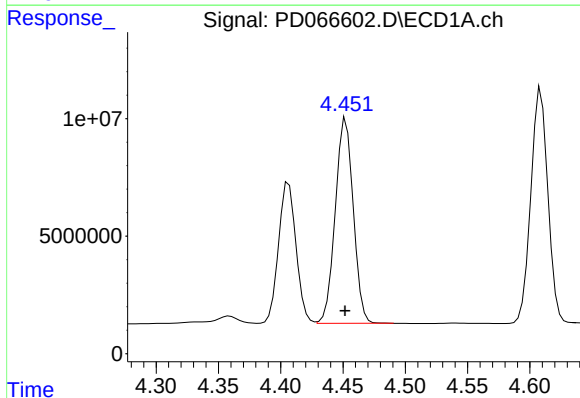
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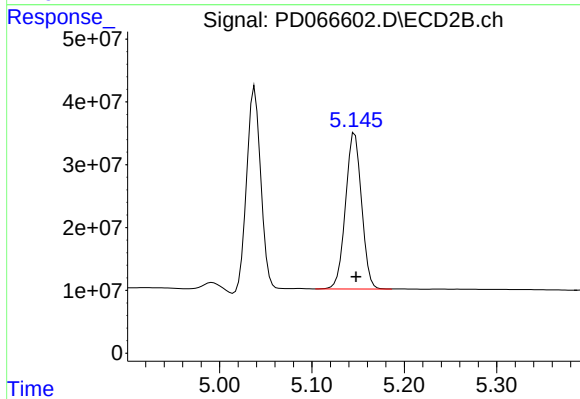
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 405029644
Conc: 40.64 ng/ml



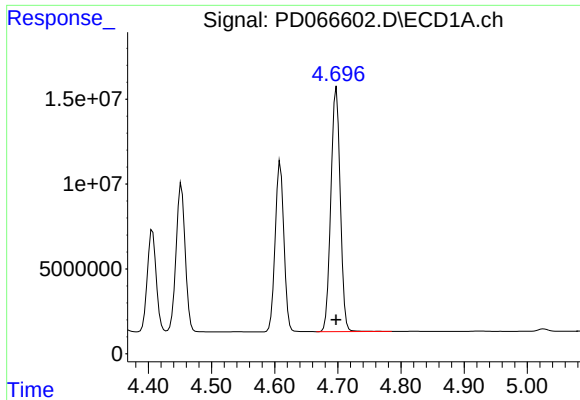
#4 Heptachlor

R.T.: 4.452 min
Delta R.T.: 0.000 min
Response: 87711125
Conc: 29.57 ng/ml



#4 Heptachlor

R.T.: 5.146 min
Delta R.T.: -0.001 min
Response: 299860052
Conc: 30.59 ng/ml



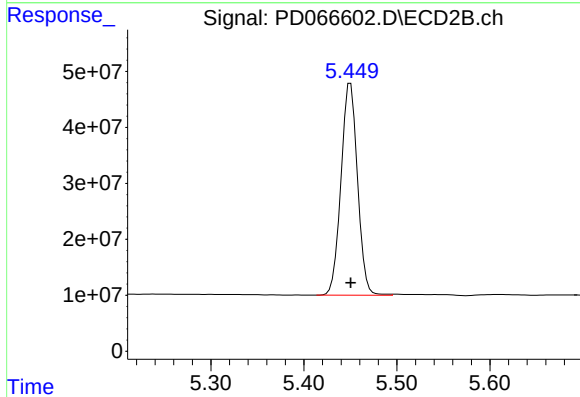
#5 Aldrin

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 148590414
Conc: 51.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

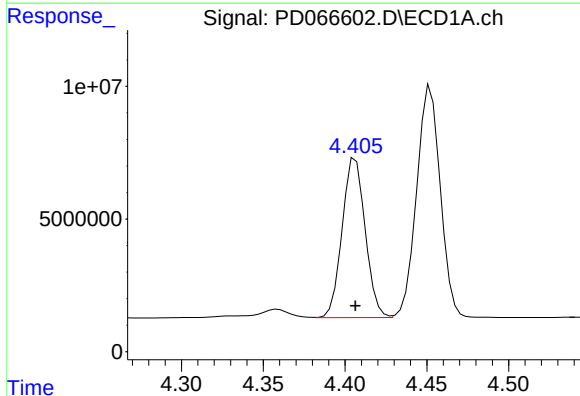
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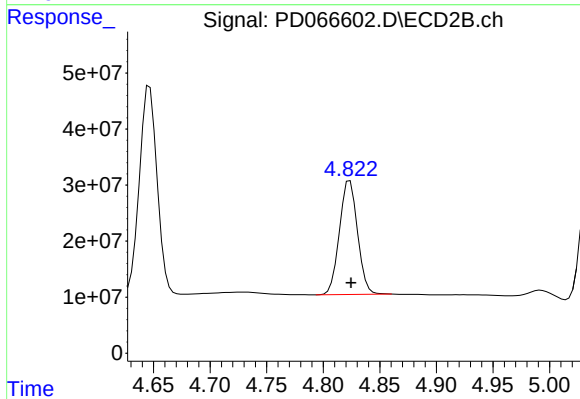
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 467023987
Conc: 51.45 ng/ml



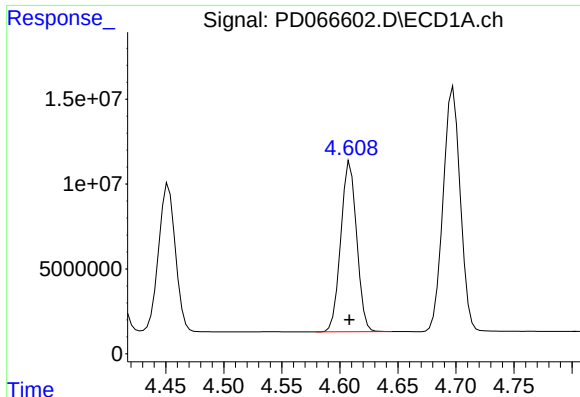
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 58689472
Conc: 46.98 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.001 min
Response: 226139027
Conc: 48.57 ng/ml



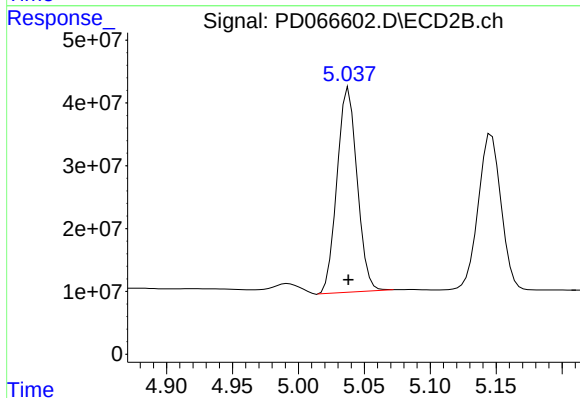
#7 delta-BHC

R.T.: 4.609 min
Delta R.T.: 0.000 min
Response: 95796871
Conc: 35.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

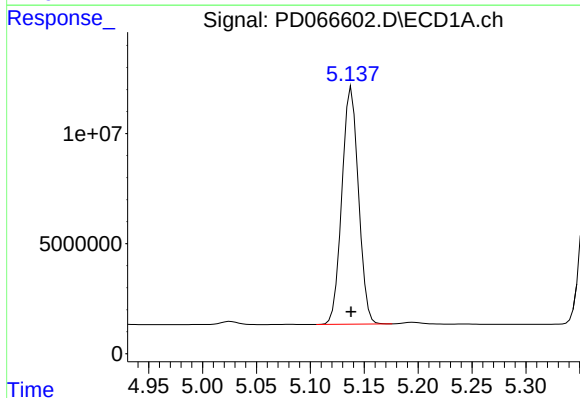
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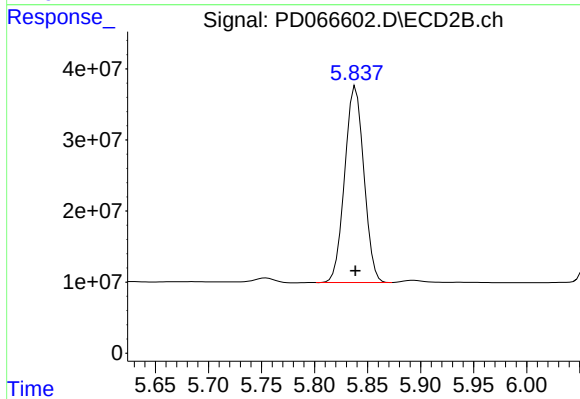
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 344784310
Conc: 37.72 ng/ml



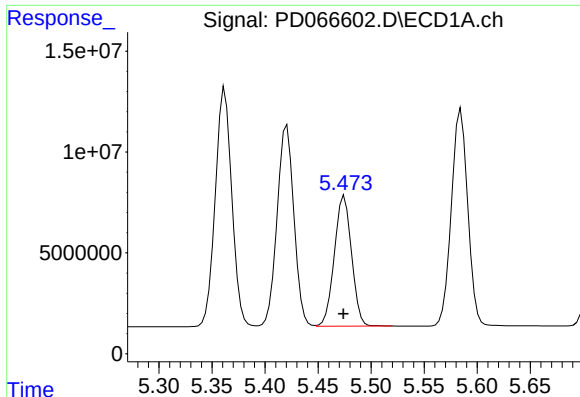
#8 Heptachlor epoxide

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 115326807
Conc: 44.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 346637235
Conc: 47.83 ng/ml



#9 Endosulfan I

R.T.: 5.475 min
Delta R.T.: 0.001 min
Response: 73043181
Conc: 30.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

Manual Integrations APPROVED

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#9 Endosulfan I

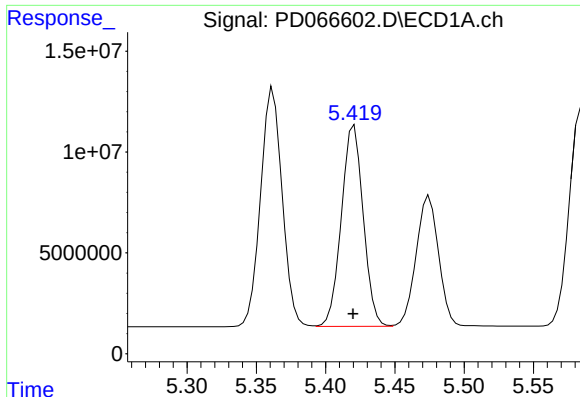
R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 250337962
Conc: 31.75 ng/ml

#10 gamma-Chlordane

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 128331592
Conc: 49.26 ng/ml

#10 gamma-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 404904709
Conc: 48.53 ng/ml



#11 alpha-Chlordane

R.T.: 5.421 min
Delta R.T.: 0.001 min
Response: 109675543
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

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#11 alpha-Chlordane

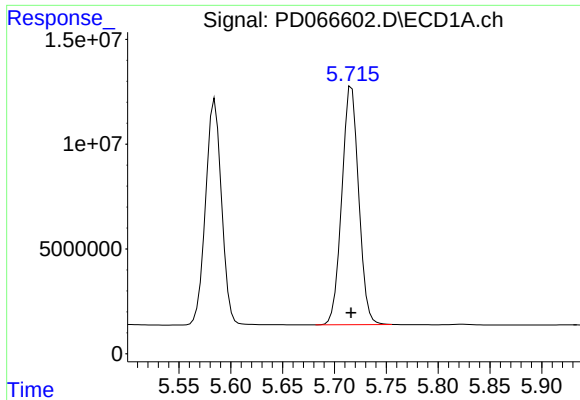
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 353857081
Conc: 42.66 ng/ml

#12 4,4'-DDE

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 114837824
Conc: 49.29 ng/ml

#12 4,4'-DDE

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 382603784
Conc: 48.55 ng/ml



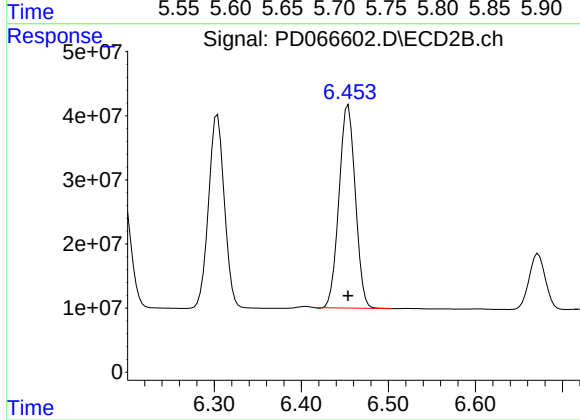
#13 Dieldrin

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 128895384
Conc: 51.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

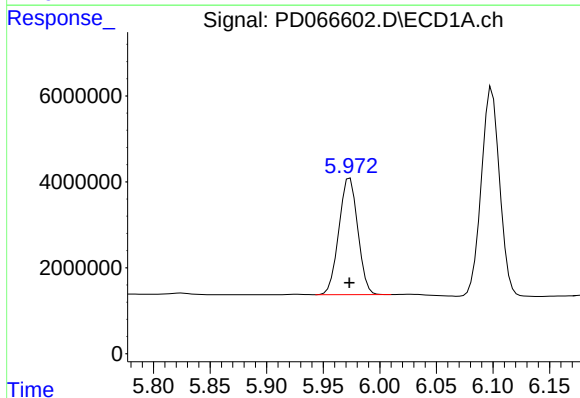
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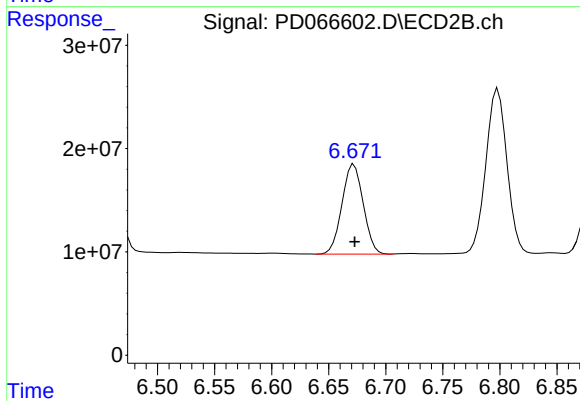
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 412441138
Conc: 49.71 ng/ml



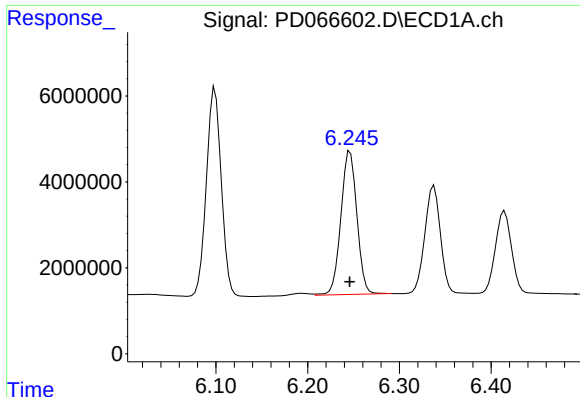
#14 Endrin

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 31569296
Conc: 15.08 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 112553786
Conc: 16.35 ng/ml



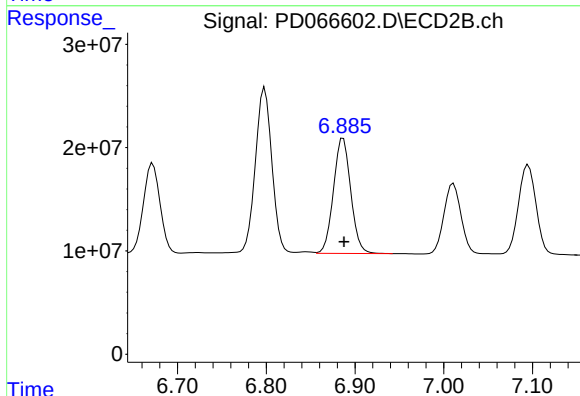
#15 Endosulfan II

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 40320529
Conc: 20.28 ng/ml

Instrument :
ECD_D
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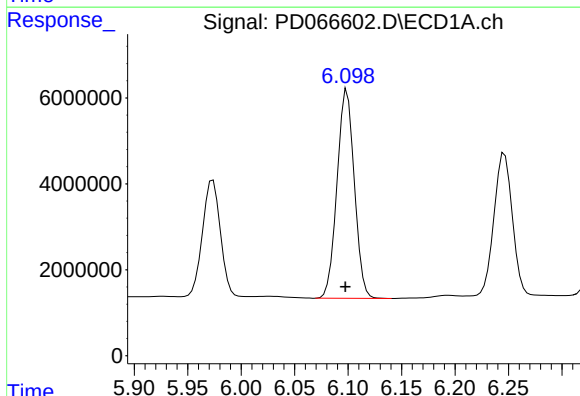
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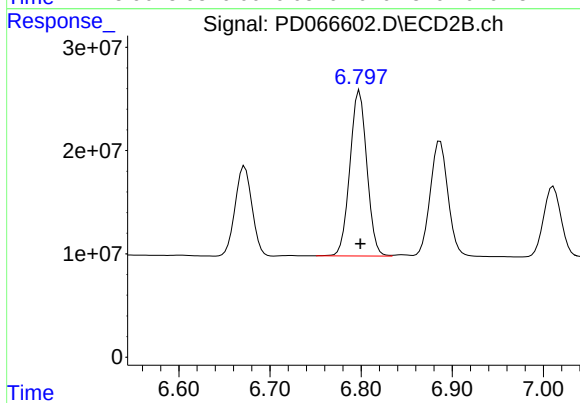
#15 Endosulfan II

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 150797604
Conc: 21.36 ng/ml



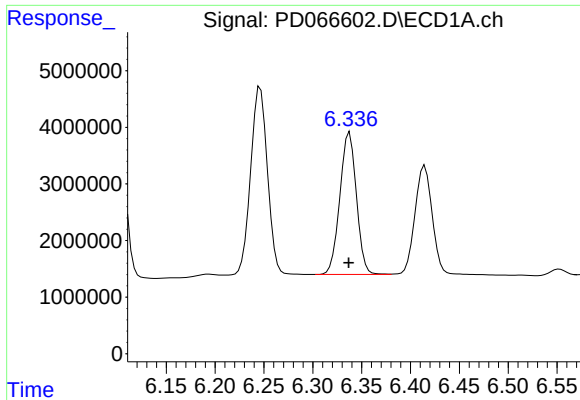
#16 4,4'-DDD

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 54799965
Conc: 29.23 ng/ml



#16 4,4'-DDD

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 206772744
Conc: 30.43 ng/ml



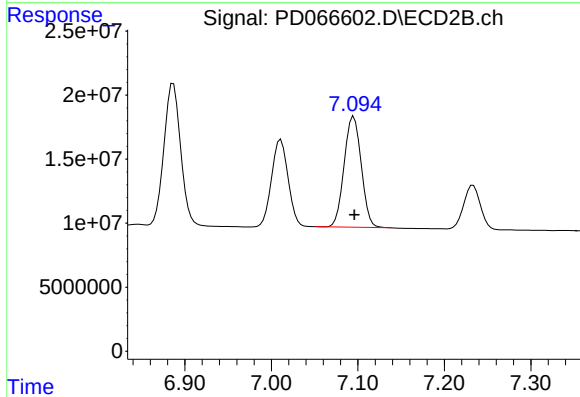
#17 4,4'-DDT

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 29655022
Conc: 15.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PT-PEST-SOILDL2

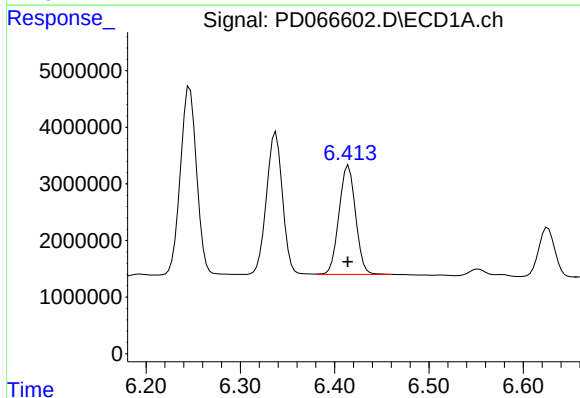
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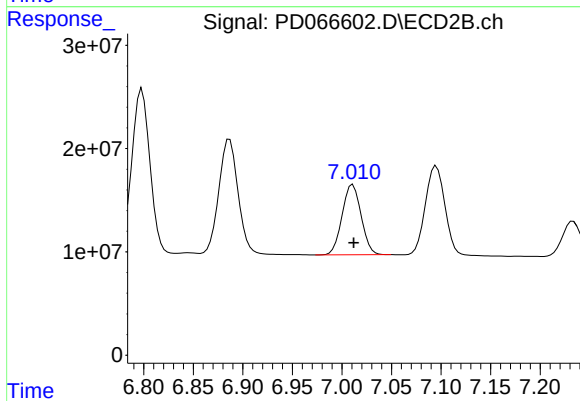
#17 4,4'-DDT

R.T.: 7.095 min
Delta R.T.: 0.000 min
Response: 118215509
Conc: 16.30 ng/ml



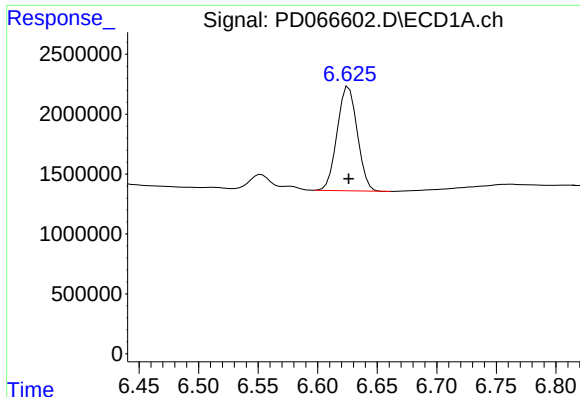
#18 Endrin aldehyde

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 23529501
Conc: 15.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 90971446
Conc: 15.99 ng/ml



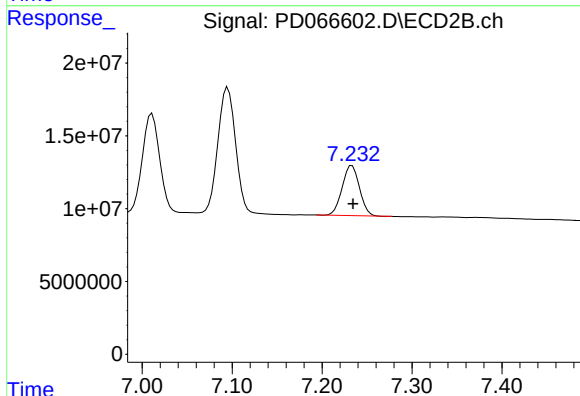
#19 Endosulfan Sulfate

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 10187292
Conc: 5.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
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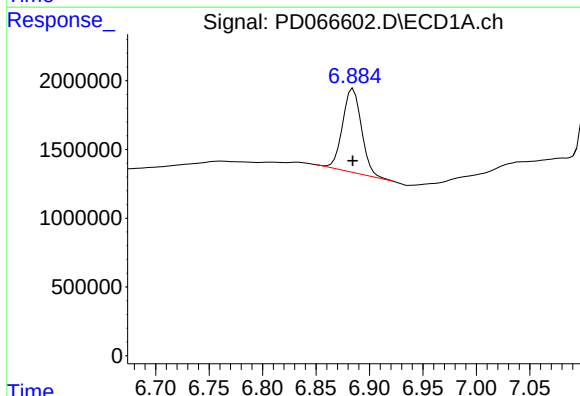
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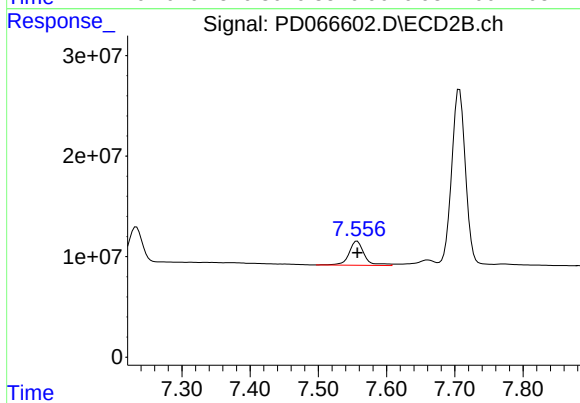
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.001 min
Response: 45941972
Conc: 6.33 ng/ml



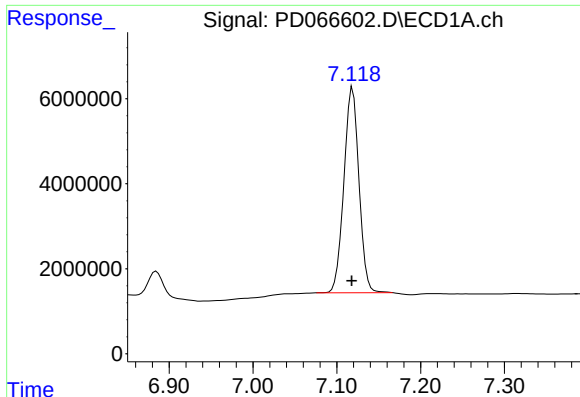
#20 Methoxychlor

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 7394213
Conc: 7.16 ng/ml



#20 Methoxychlor

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 37276129
Conc: 9.15 ng/ml



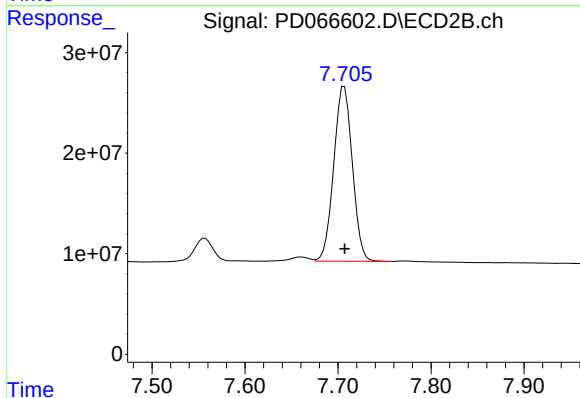
#21 Endrin ketone

R.T.: 7.119 min
Delta R.T.: 0.001 min
Response: 60468968
Conc: 27.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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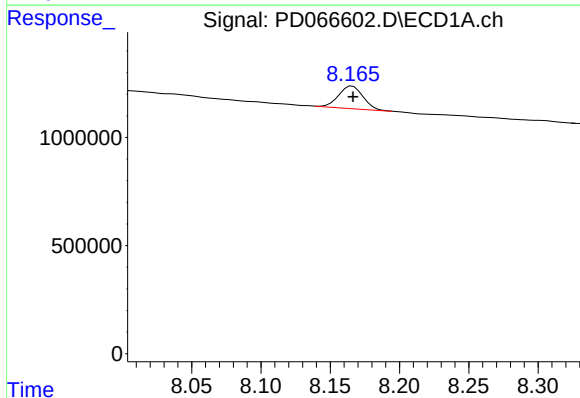
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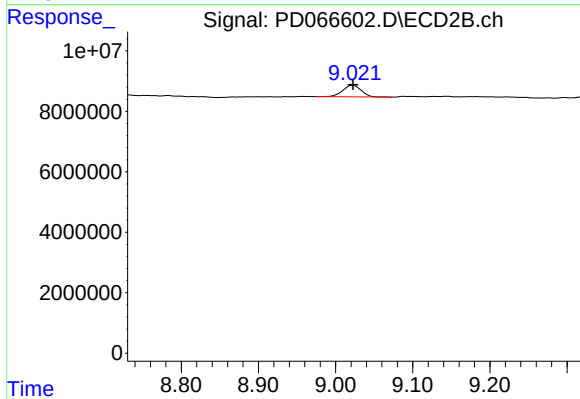
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 242579703
Conc: 28.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 1291342
Conc: 1.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: 0.000 min
Response: 6416332
Conc: 1.19 ng/ml