

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120919\
 Data File : PL054861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2019 10:54
 Operator : SG\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
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 12/10/2019 11:11:58 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:29:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 01:19:55 2019
 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...	3.537	4.050	239.3E6	55217666	20.567	21.639
28)	SA Decachlor...	8.317	9.149	186.3E6	47761922	19.452	19.922
Target Compounds							
2)	A alpha-BHC	3.980	4.441	200.2E6	37582464	10.543	10.608
3)	MA gamma-BHC...	4.266	4.727	163.7E6	34718415	9.606	10.648
6)	B beta-BHC	4.517	4.898	81680033	13750163	11.013	9.764
12)	B 4,4'-DDE	5.717	6.389	5806817	616448	0.436	0.249m#
14)	MA Endrin	6.113	6.763	663.0E6	114.1E6	52.067	51.507
16)	A 4,4'-DDD	6.235	6.884	4008221	701337	0.410m	0.365m
17)	MA 4,4'-DDT	6.478	7.184	1129.2E6	209.1E6	107.782	105.516
18)	B Endrin al...	6.548	7.093	2483477	195636	0.251m	0.100m#
20)	A Methoxychlor	7.023	7.644	1360.2E6	275.4E6	271.400	241.469
21)	B Endrin ke...	7.261	7.791	4283210	990755	0.394m	0.440m

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2019 10:54
Operator : SG\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

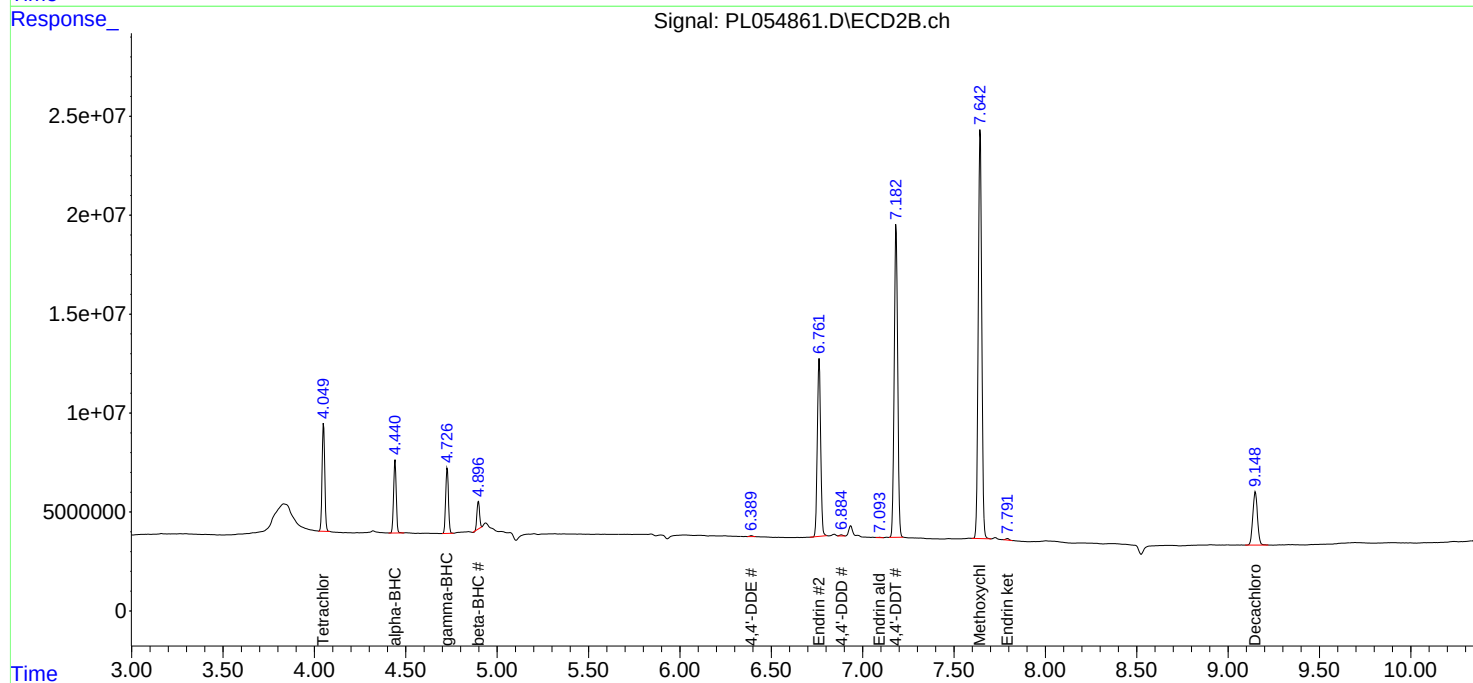
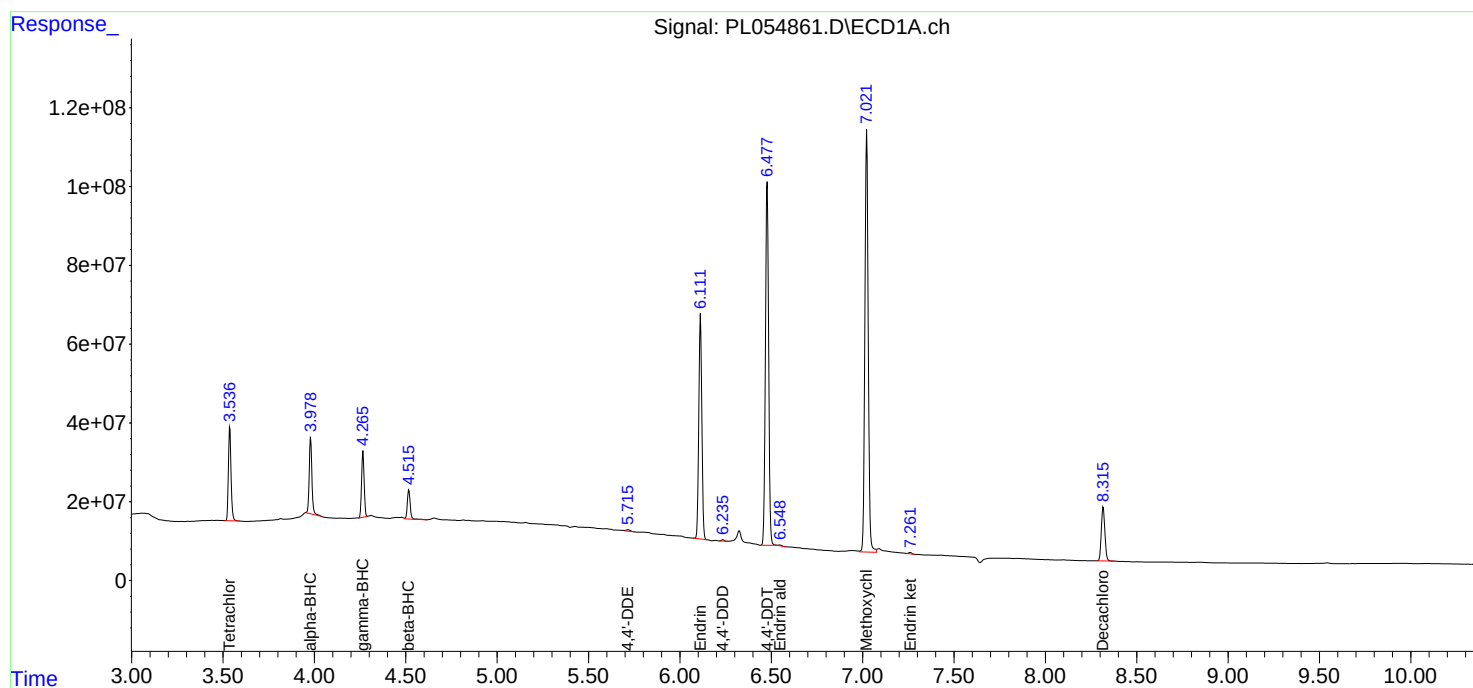
Instrument :
ECD_L
ClientSampled :
PEM

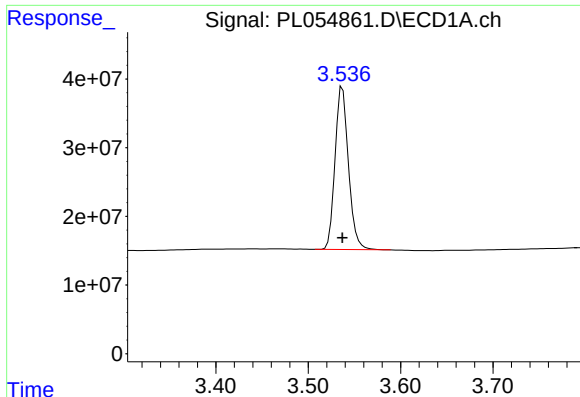
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:29:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112619.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 01:19:55 2019
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Volume 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





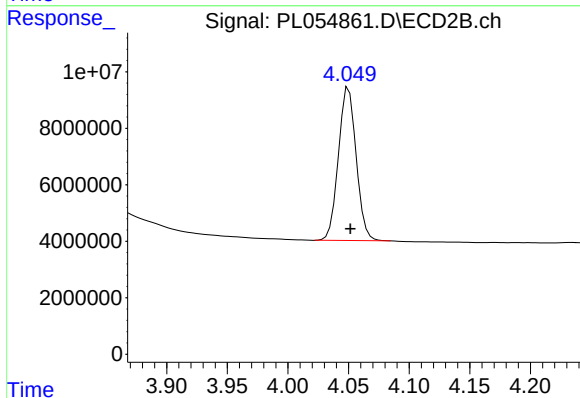
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 239278894
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

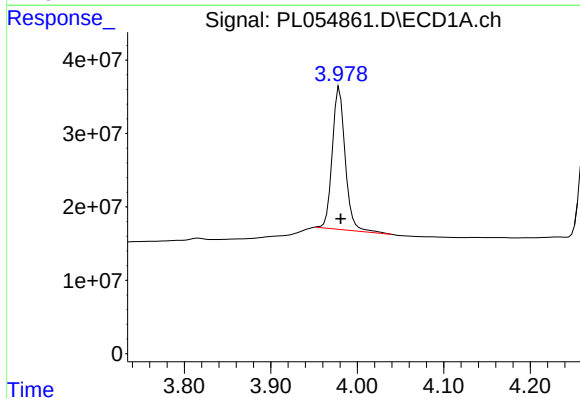
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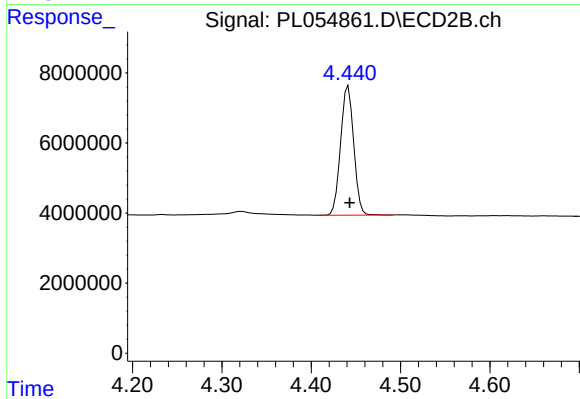
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.001 min
Response: 55217666
Conc: 21.64 ng/ml



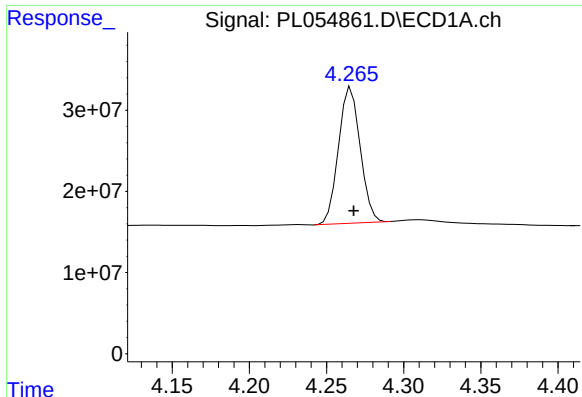
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.001 min
Response: 200157638
Conc: 10.54 ng/ml



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: -0.002 min
Response: 37582464
Conc: 10.61 ng/ml



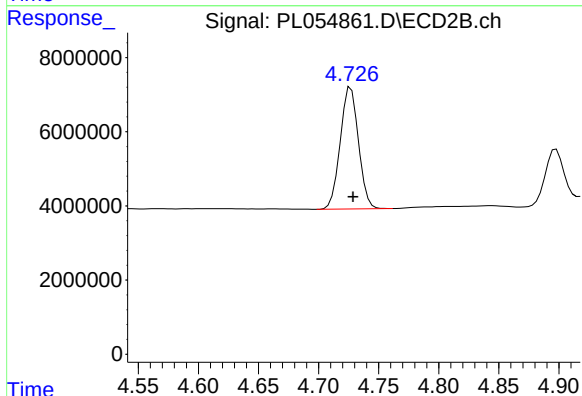
#3 gamma-BHC (Lindane)

R.T.: 4.266 min
Delta R.T.: -0.002 min
Response: 163737117
Conc: 9.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

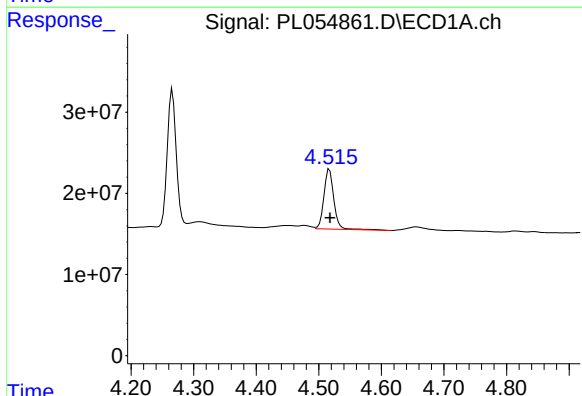
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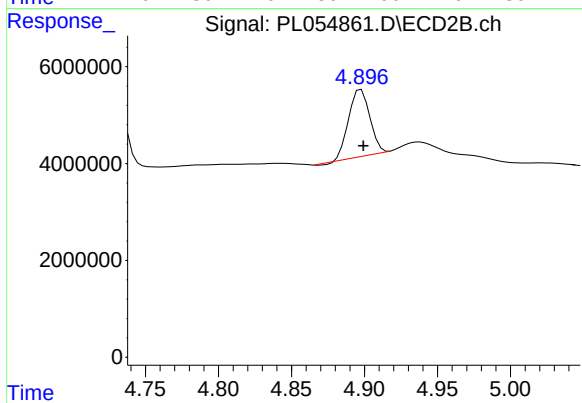
#3 gamma-BHC (Lindane)

R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 34718415
Conc: 10.65 ng/ml



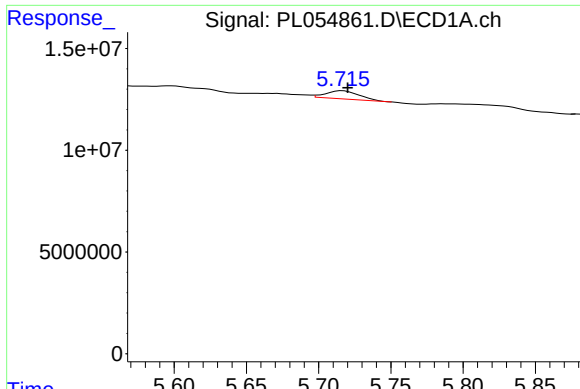
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 81680033
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 13750163
Conc: 9.76 ng/ml



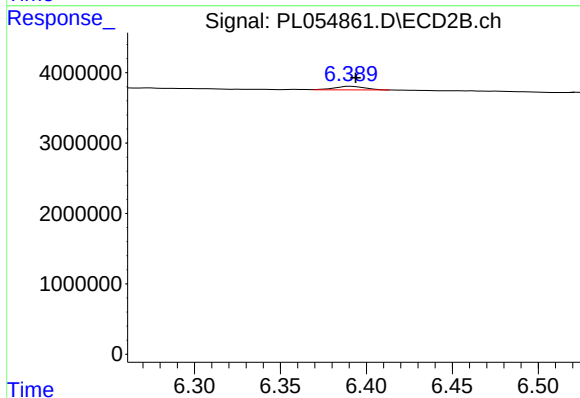
#12 4,4'-DDE

R.T.: 5.717 min
Delta R.T.: -0.004 min
Response: 5806817
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

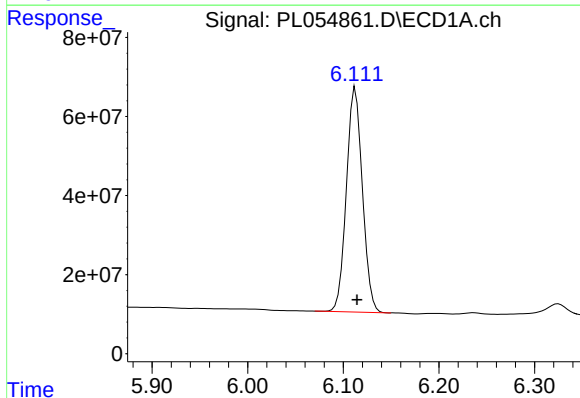
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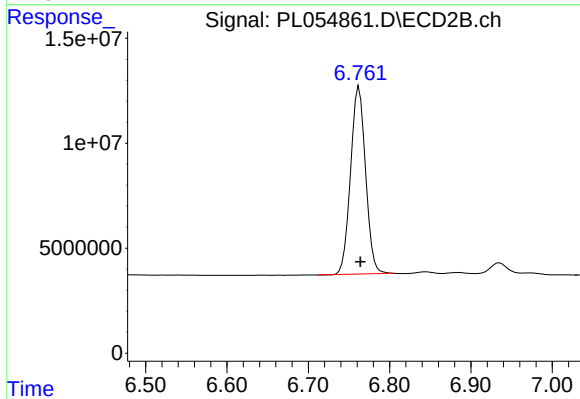
#12 4,4'-DDE

R.T.: 6.389 min
Delta R.T.: -0.004 min
Response: 616448
Conc: 0.25 ng/ml m



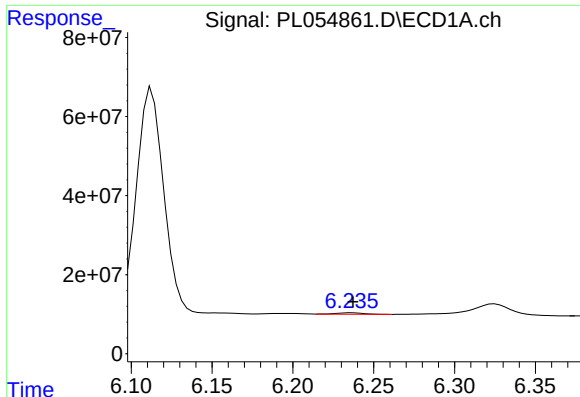
#14 Endrin

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 663003313
Conc: 52.07 ng/ml



#14 Endrin

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 114107797
Conc: 51.51 ng/ml



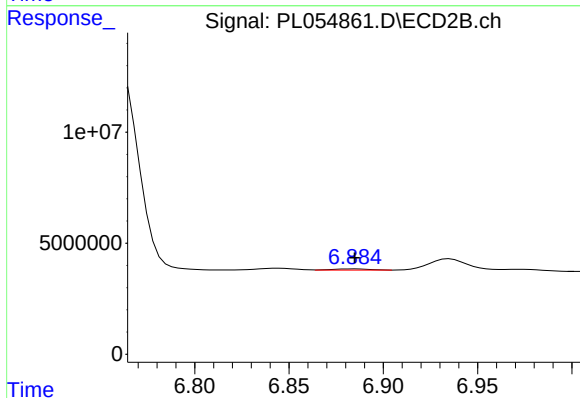
#16 4,4'-DDD

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 4008221
Conc: 0.41 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

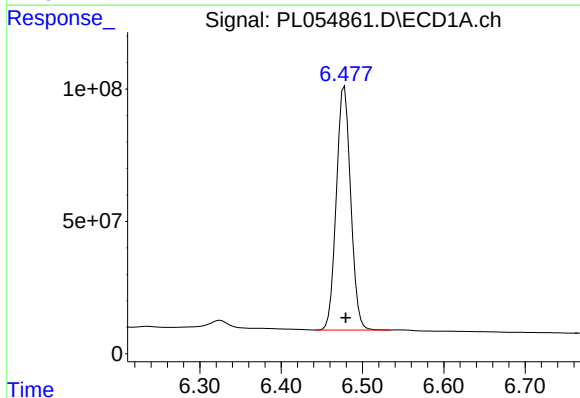
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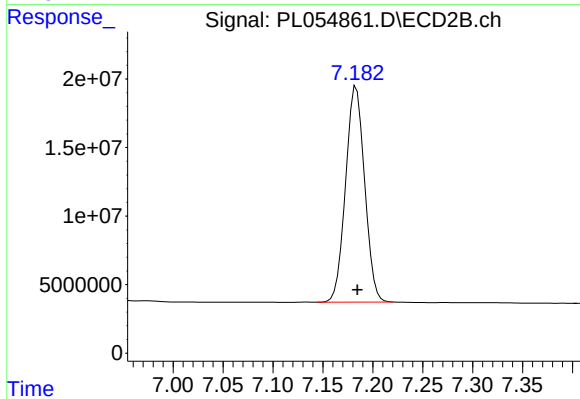
#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 701337
Conc: 0.37 ng/ml m



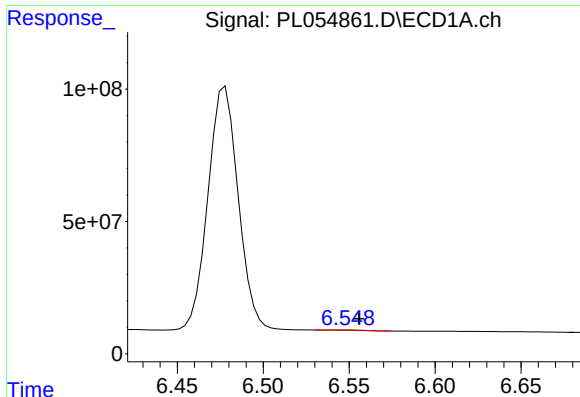
#17 4,4'-DDT

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 1129153278
Conc: 107.78 ng/ml



#17 4,4'-DDT

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 209063252
Conc: 105.52 ng/ml



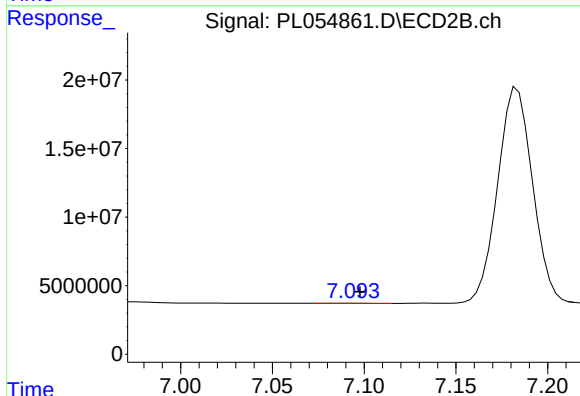
#18 Endrin aldehyde

R.T.: 6.548 min
Delta R.T.: -0.008 min
Response: 2483477
Conc: 0.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

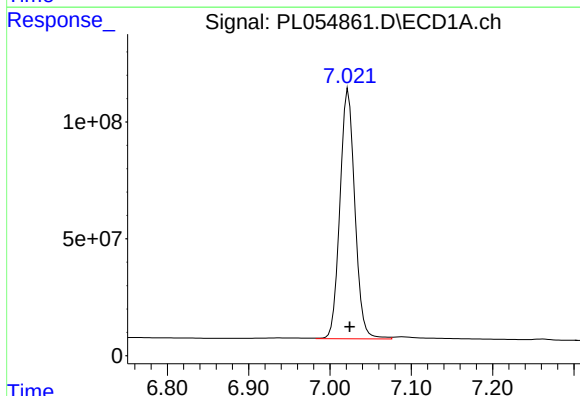
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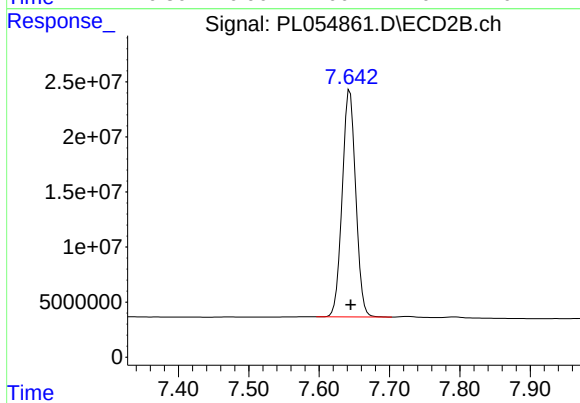
#18 Endrin aldehyde

R.T.: 7.093 min
Delta R.T.: -0.005 min
Response: 195636
Conc: 0.10 ng/ml m



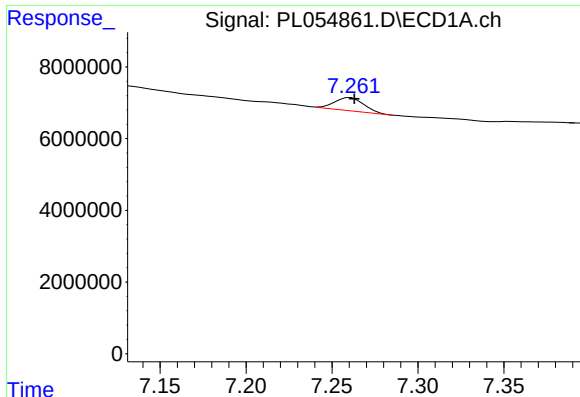
#20 Methoxychlor

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 1360193057
Conc: 271.40 ng/ml



#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 275441030
Conc: 241.47 ng/ml



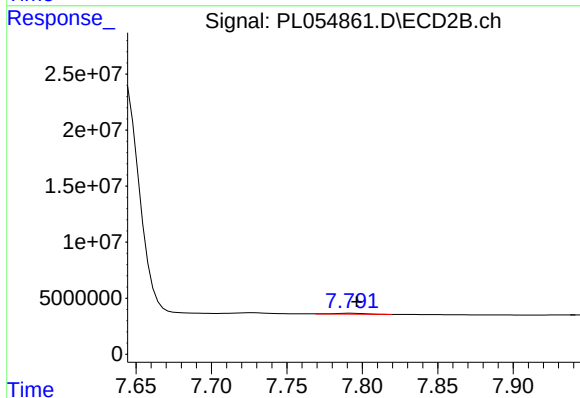
#21 Endrin ketone

R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 4283210
Conc: 0.39 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PEM

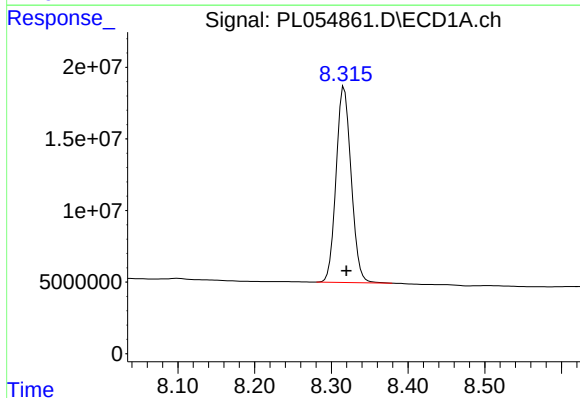
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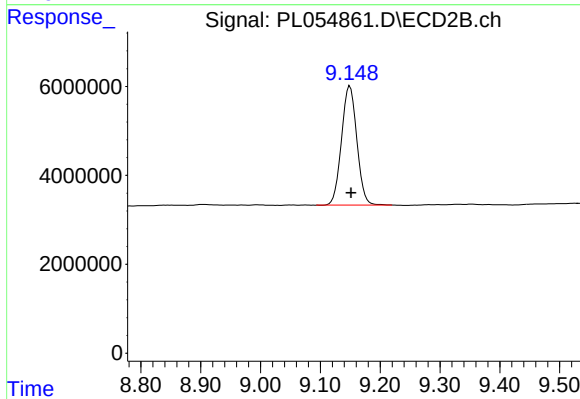
#21 Endrin ketone

R.T.: 7.791 min
Delta R.T.: -0.005 min
Response: 990755
Conc: 0.44 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.317 min
Delta R.T.: -0.003 min
Response: 186278916
Conc: 19.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.149 min
Delta R.T.: -0.002 min
Response: 47761922
Conc: 19.92 ng/ml