

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061724\
 Data File : PL090197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2024 10:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2024
 Supervised By : Ankita Jodhani 06/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:32:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 2024
 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...	3.550	2.794	43058782	28141660	20.565	19.627
28)	SA Decachlor...	9.063	7.940	32992890	30121081	22.438	20.270
Target Compounds							
2)	A alpha-BHC	4.005	3.297	31326382	18269787	10.507	8.547
3)	MA gamma-BHC...	4.337	3.628	29928347	17415983	10.298	8.327
6)	B beta-BHC	4.533	3.926	14487627	9319982	11.092	10.188
12)	B 4,4'-DDE	6.202	5.255	695024	299314	0.319	0.179m#
14)	MA Endrin	6.583	5.663	85598899	66860664	42.576m	40.819
16)	A 4,4'-DDD	6.718	5.810	4256082	2541854	2.430	1.803 #
17)	MA 4,4'-DDT	7.032	6.061	155.1E6	136.1E6	84.270	89.604
18)	B Endrin al...	6.932	6.136	2913765	2266449	1.880	1.868
20)	A Methoxychlor	7.507	6.636	196.8E6	169.9E6	200.378	191.040
21)	B Endrin ke...	7.651	6.864	5967454	4809355	2.834	2.639

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

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Acq On : 17 Jun 2024 10:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

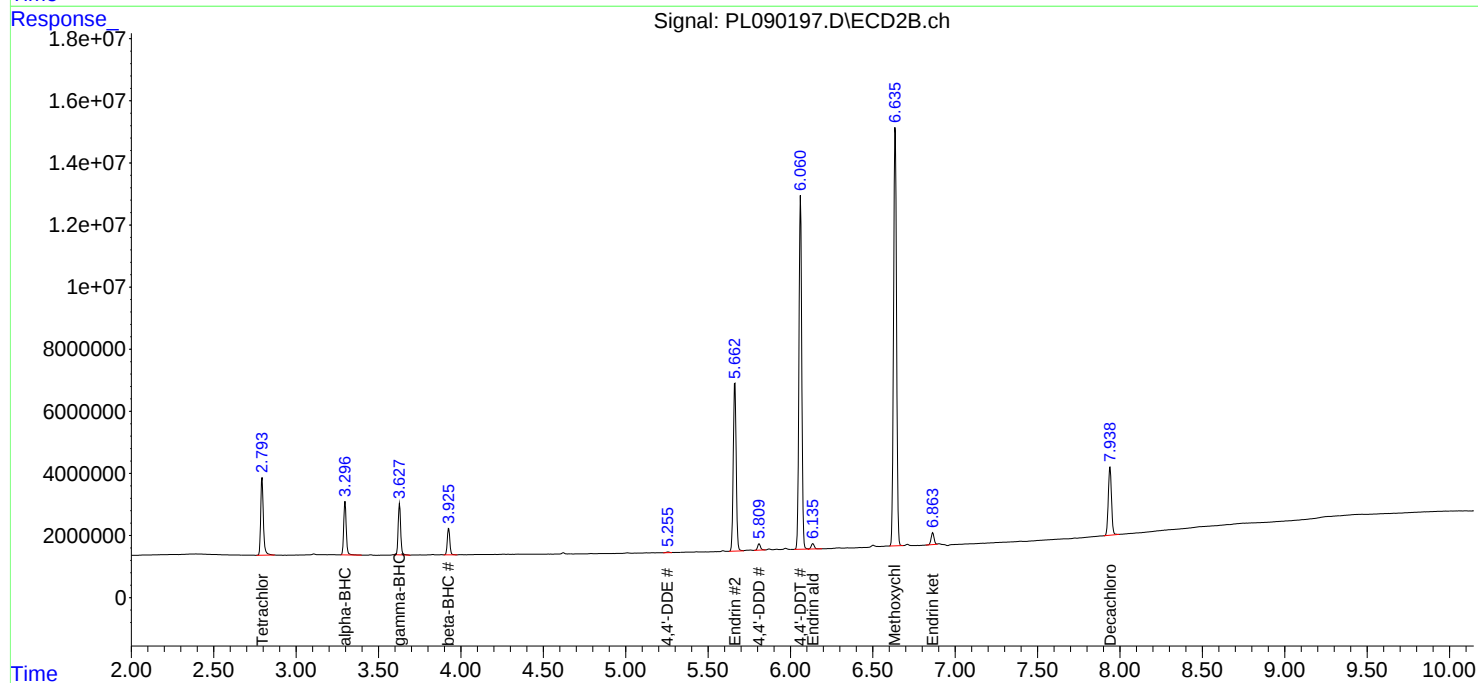
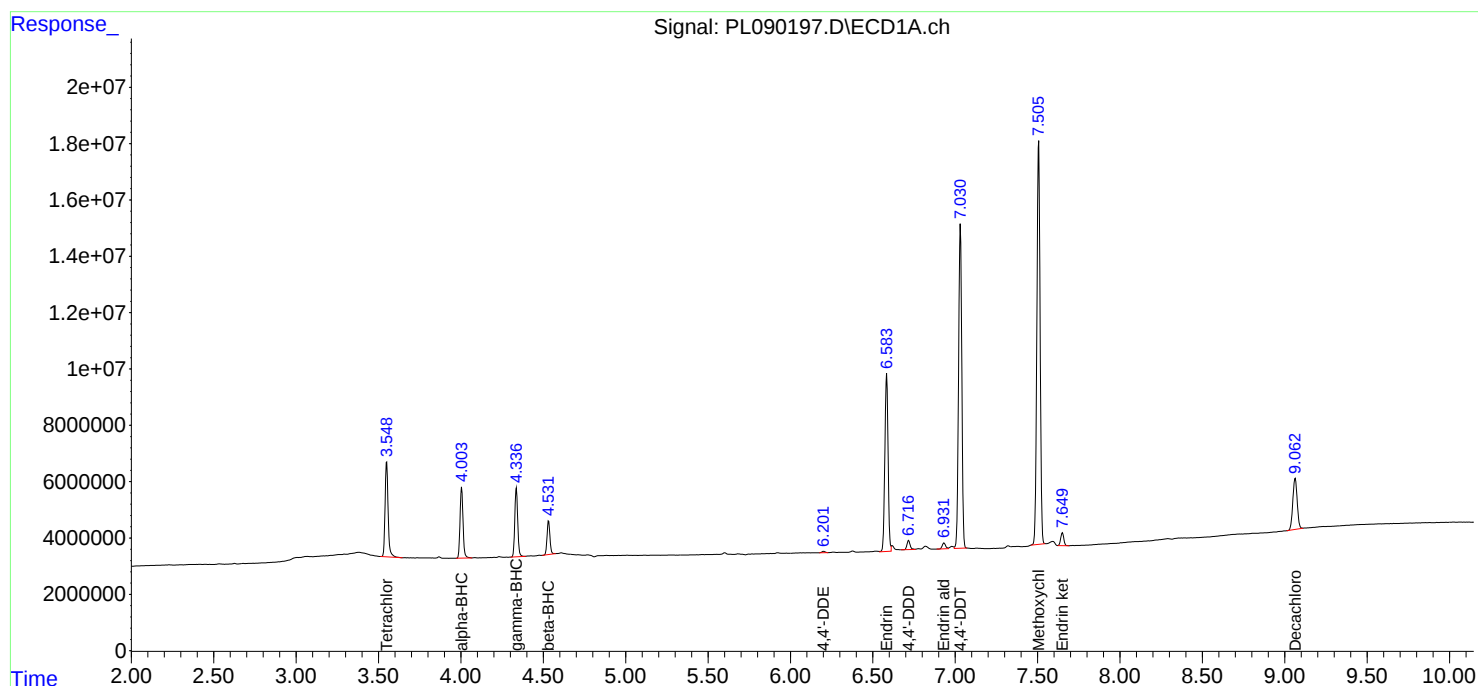
Instrument :
ECD_L
ClientSampleId :
PEM

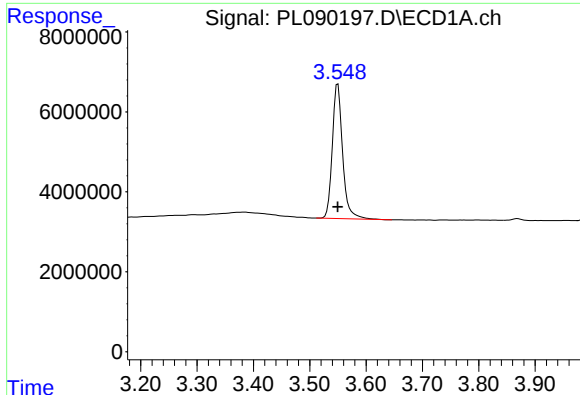
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Integration File signal 1: autoint1.e
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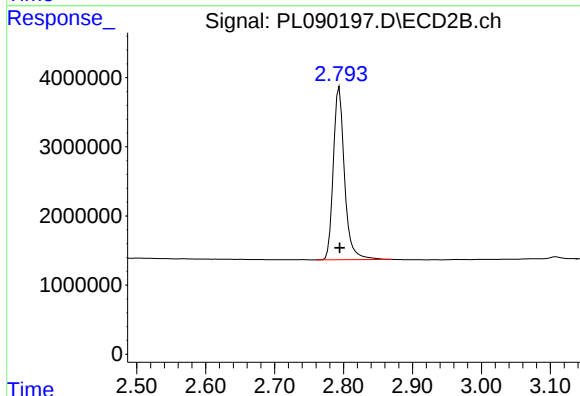
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 43058782
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

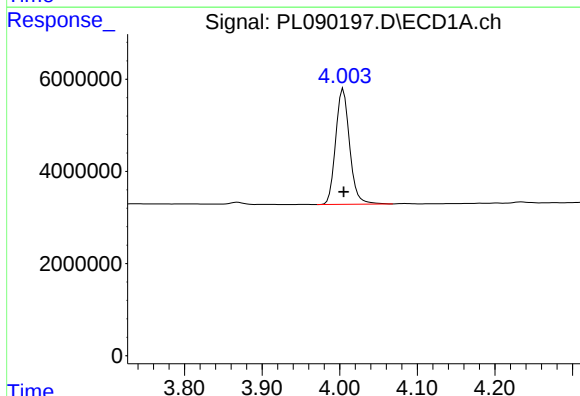
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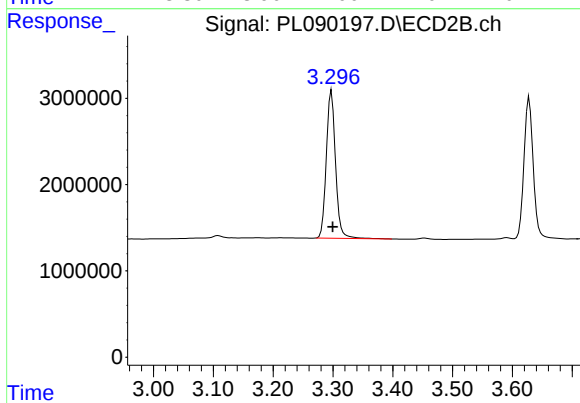
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 28141660
Conc: 19.63 ng/ml



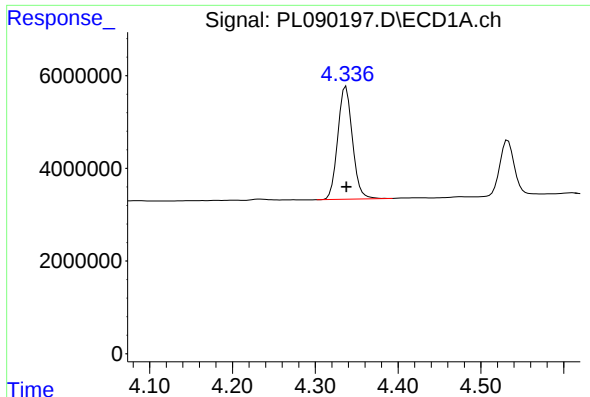
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 31326382
Conc: 10.51 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 18269787
Conc: 8.55 ng/ml



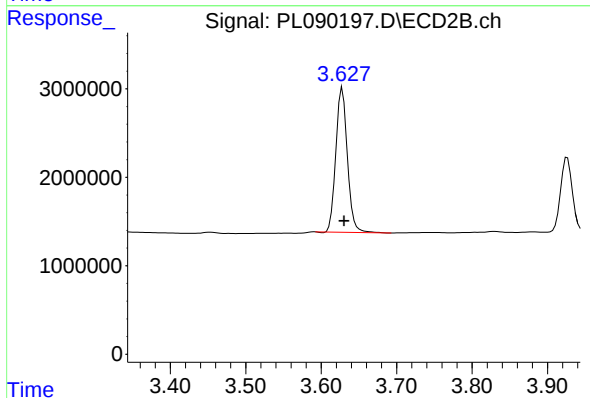
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 29928347
Conc: 10.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

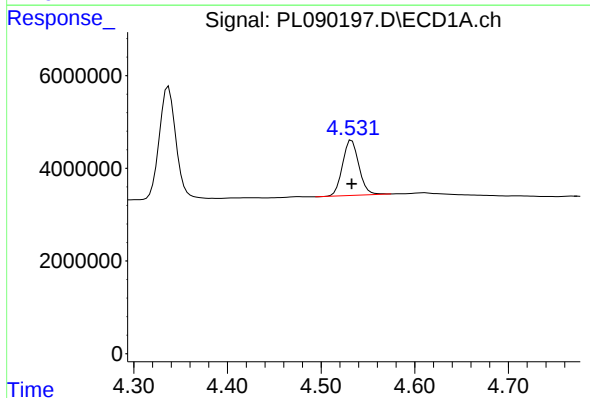
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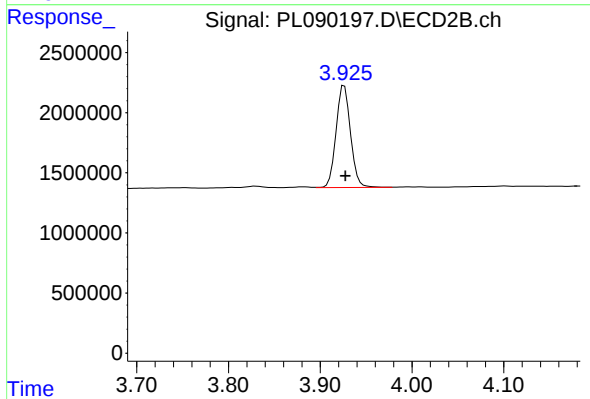
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: -0.002 min
Response: 17415983
Conc: 8.33 ng/ml



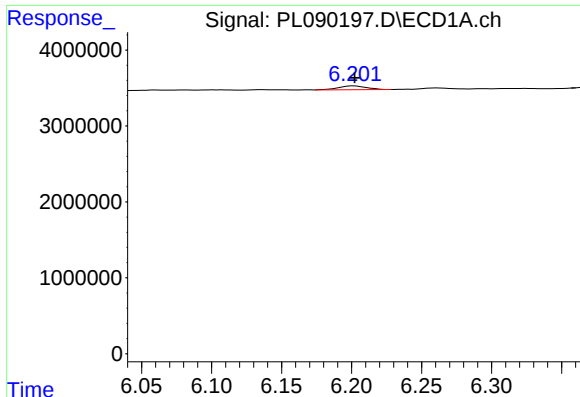
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14487627
Conc: 11.09 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.001 min
Response: 9319982
Conc: 10.19 ng/ml



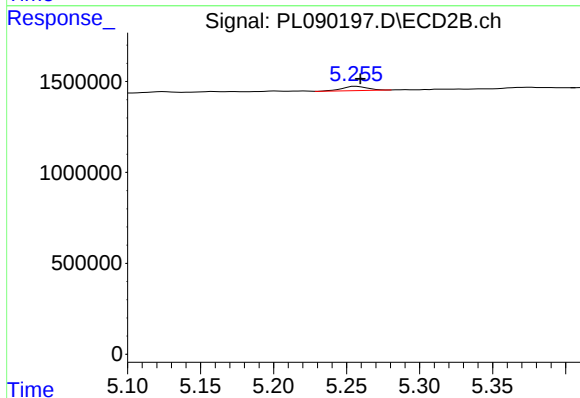
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 695024
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

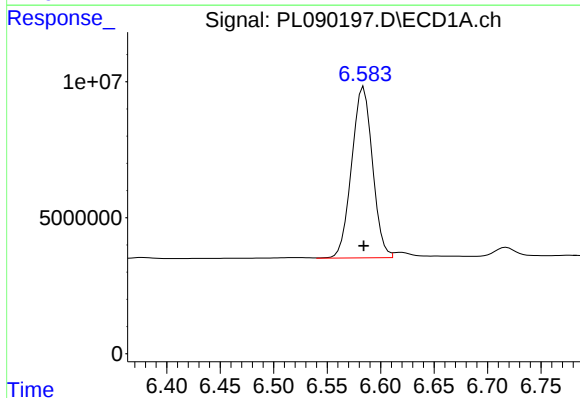
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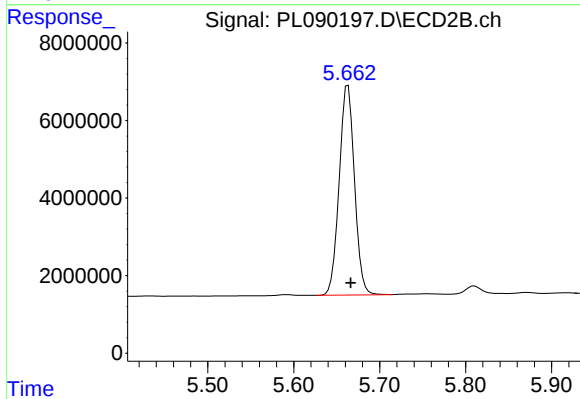
#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 299314
Conc: 0.18 ng/ml m



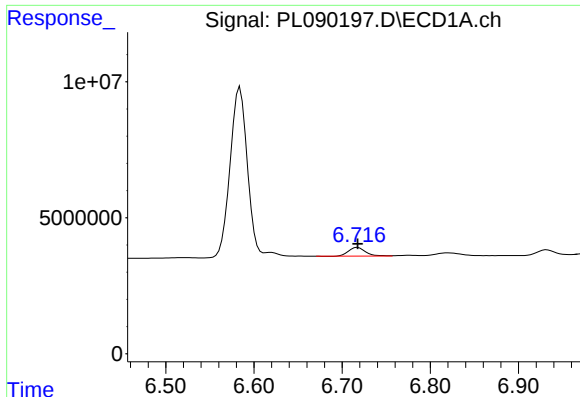
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 85598899
Conc: 42.58 ng/ml m



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 66860664
Conc: 40.82 ng/ml



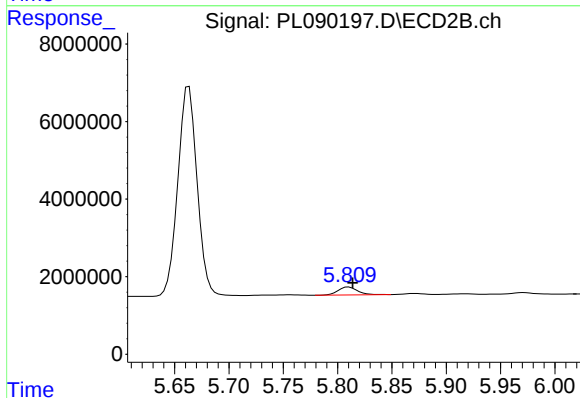
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 4256082
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

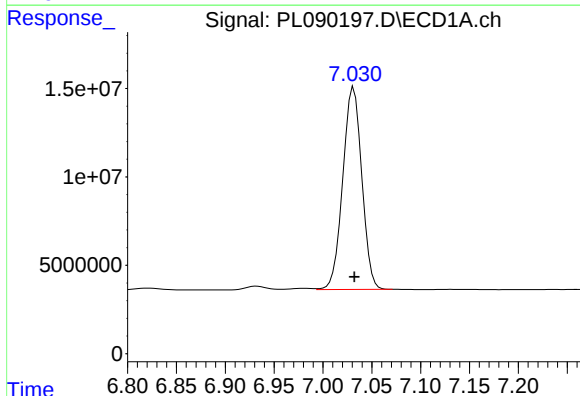
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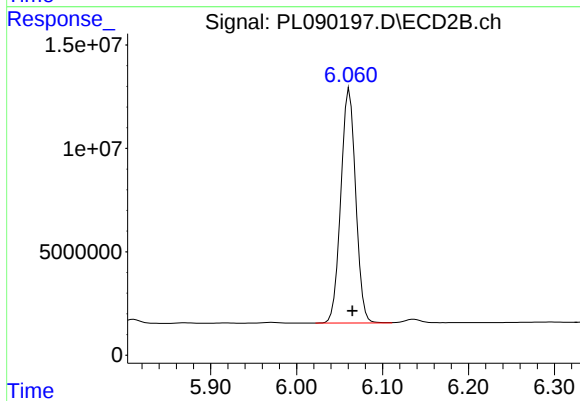
#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 2541854
Conc: 1.80 ng/ml



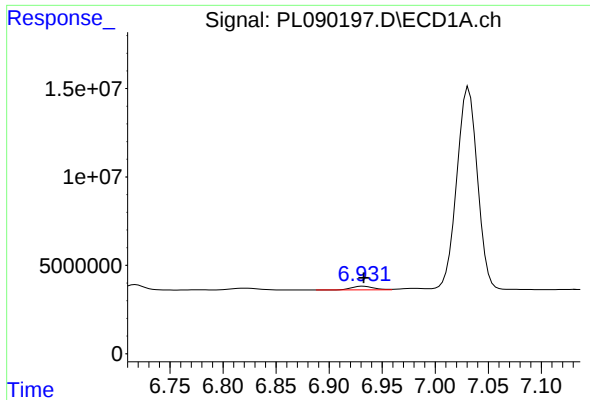
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 155148233
Conc: 84.27 ng/ml



#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.003 min
Response: 136072573
Conc: 89.60 ng/ml



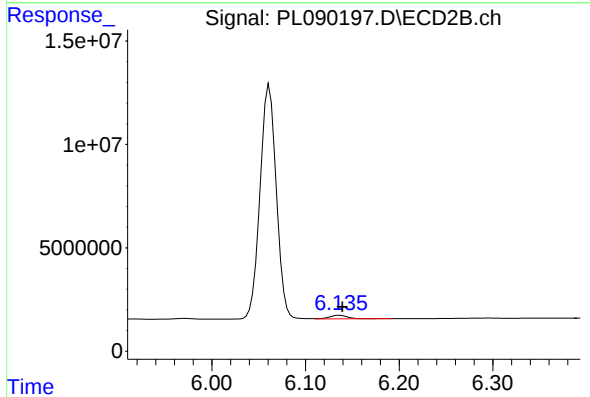
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2913765
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

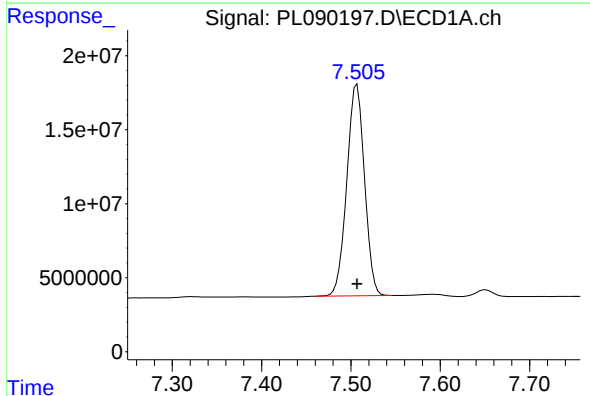
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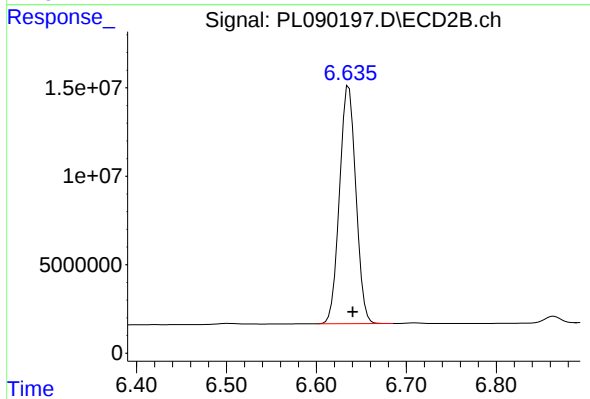
#18 Endrin aldehyde

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 2266449
Conc: 1.87 ng/ml



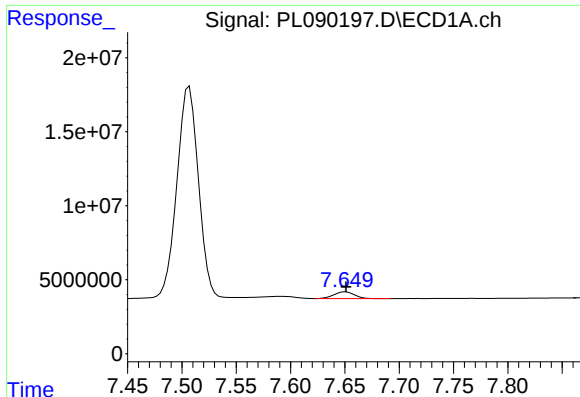
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 196806852
Conc: 200.38 ng/ml



#20 Methoxychlor

R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 169945285
Conc: 191.04 ng/ml



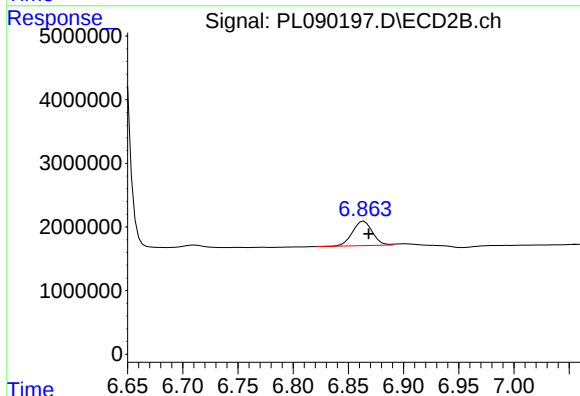
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 5967454
Conc: 2.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

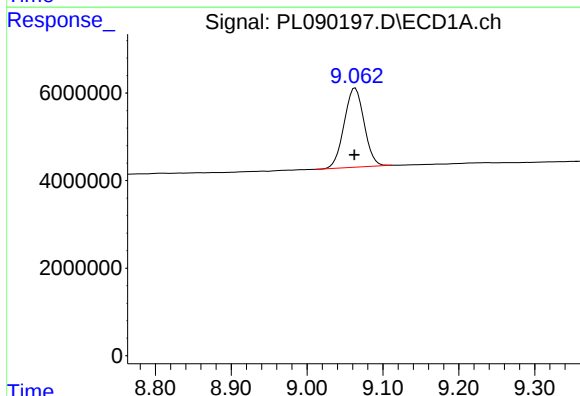
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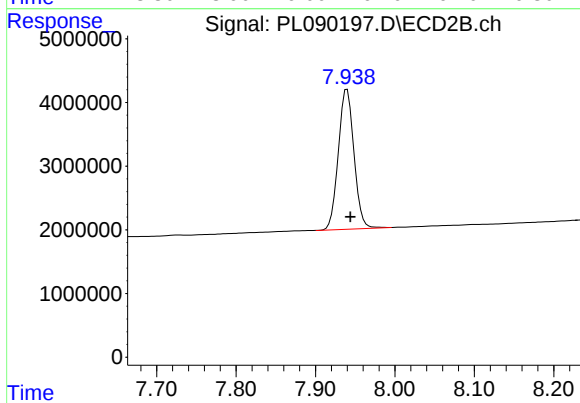
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 4809355
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 32992890
Conc: 22.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 30121081
Conc: 20.27 ng/ml