

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122721\
 Data File : PL071649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2021 16:39
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/28/2021
 Supervised By :mohammad ahmed 12/29/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 02:37:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 27 14:06:28 2021
 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...	4.560	5.496	12405516	32814902	19.121	19.230
28)	SA Decachlor...	10.321	11.388	16245052	27216300	21.821	21.716
Target Compounds							
2)	A alpha-BHC	5.264	6.077	7359083	21648424	8.095m	8.868
3)	MA gamma-BHC...	5.689	6.473	7509645	20388955	8.567	8.994
6)	B beta-BHC	6.072	6.732	4317851	10674164	11.362	10.369
12)	B 4,4'-DDE	7.558	8.497	339810	718079	0.456	0.406
14)	MA Endrin	7.976	8.890	33647259	70086122	45.226	46.505
16)	A 4,4'-DDD	8.143	9.037	1133769	2564069	1.911m	1.974
17)	MA 4,4'-DDT	8.404	9.353	62746885	131.5E6	97.328	96.299
18)	B Endrin al...	8.477	9.261	587969	1018901	1.014	0.881
20)	A Methoxychlor	9.000	9.841	83255585	157.7E6	223.426	242.554
21)	B Endrin ke...	9.224	9.993	1165137	1746731	1.481	1.286m

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

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Acq On : 27 Dec 2021 16:39
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

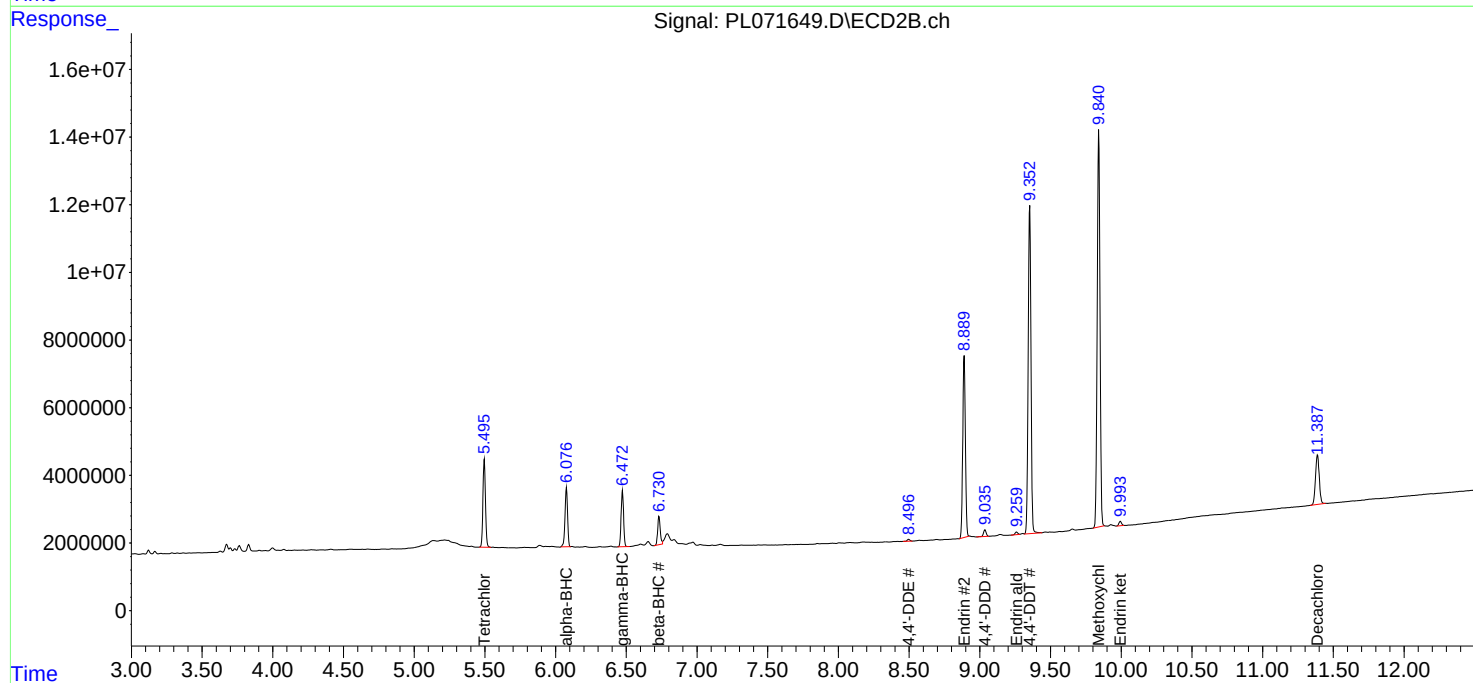
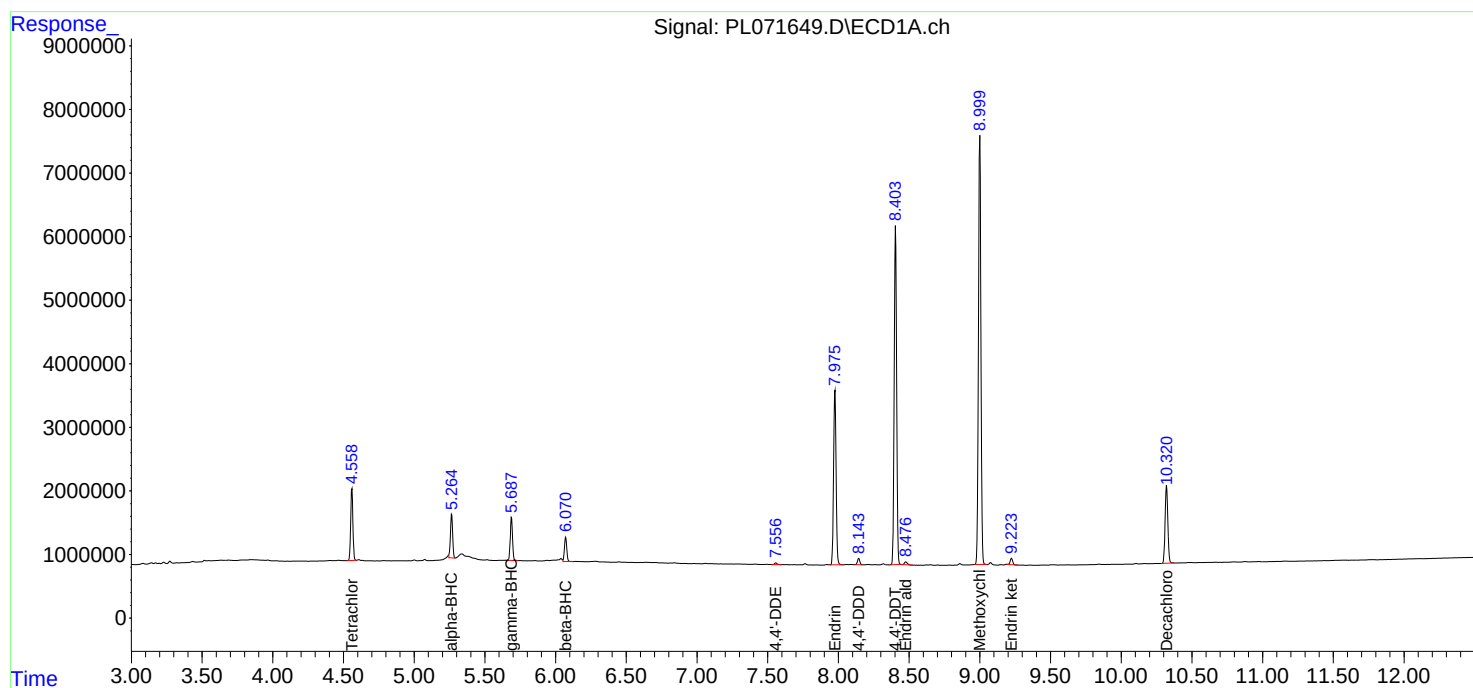
Instrument :
ECD_L
ClientSampleId :
PEM

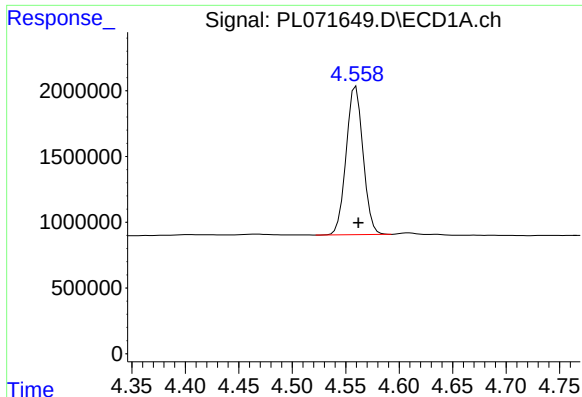
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122721.M
Quant Title : GC Extractables
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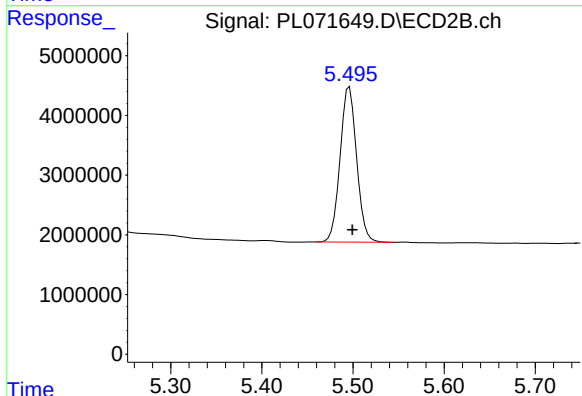
#1 Tetrachloro-m-xylene

R.T.: 4.560 min
Delta R.T.: -0.002 min
Response: 12405516
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

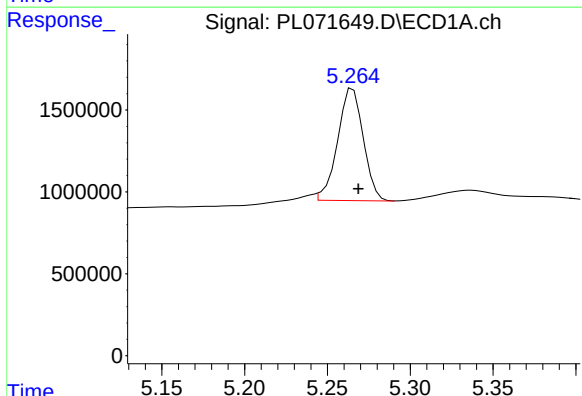
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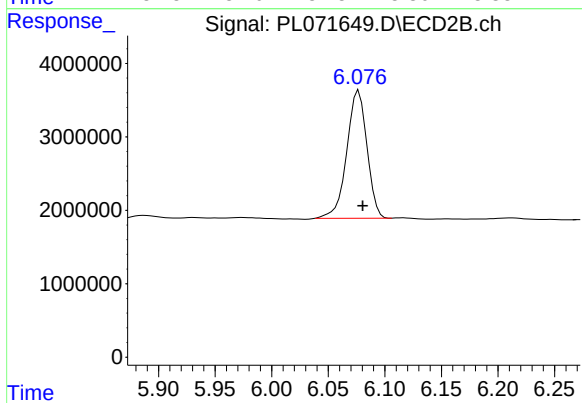
#1 Tetrachloro-m-xylene

R.T.: 5.496 min
Delta R.T.: -0.003 min
Response: 32814902
Conc: 19.23 ng/ml



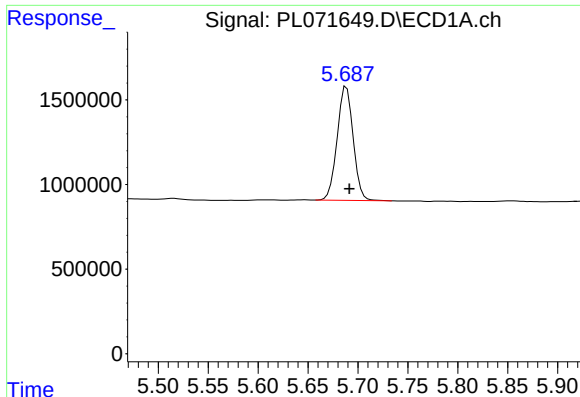
#2 alpha-BHC

R.T.: 5.264 min
Delta R.T.: -0.005 min
Response: 7359083
Conc: 8.09 ng/ml m



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 21648424
Conc: 8.87 ng/ml



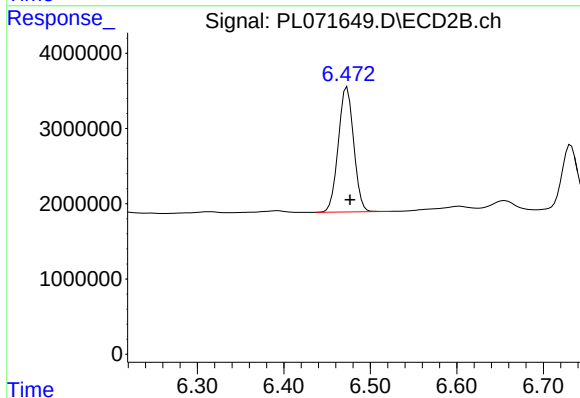
#3 gamma-BHC (Lindane)

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 7509645
Conc: 8.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

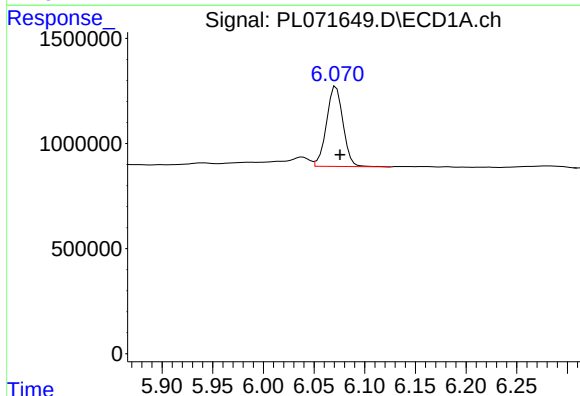
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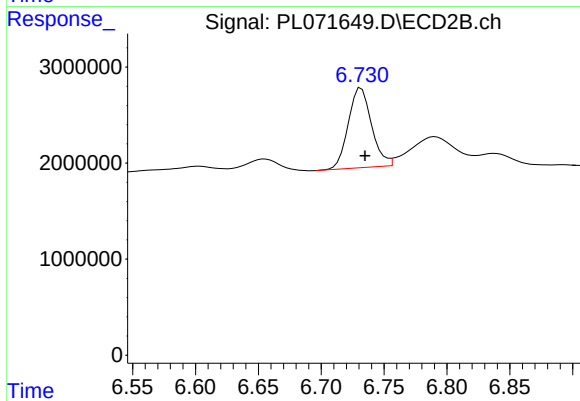
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: -0.003 min
Response: 20388955
Conc: 8.99 ng/ml



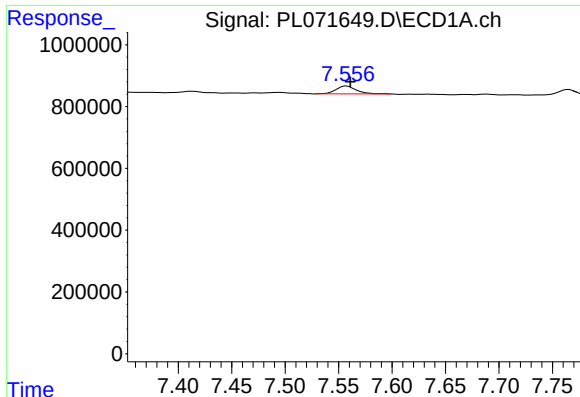
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 4317851
Conc: 11.36 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.003 min
Response: 10674164
Conc: 10.37 ng/ml



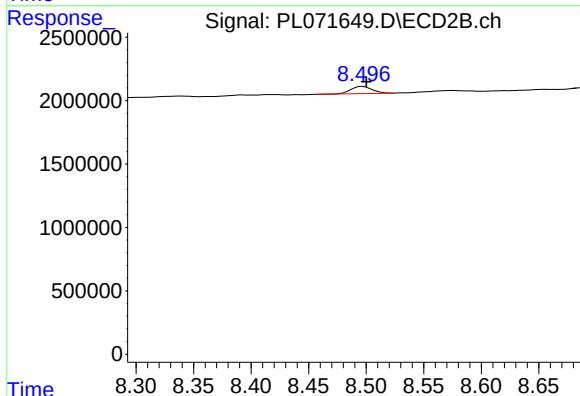
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 339810
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

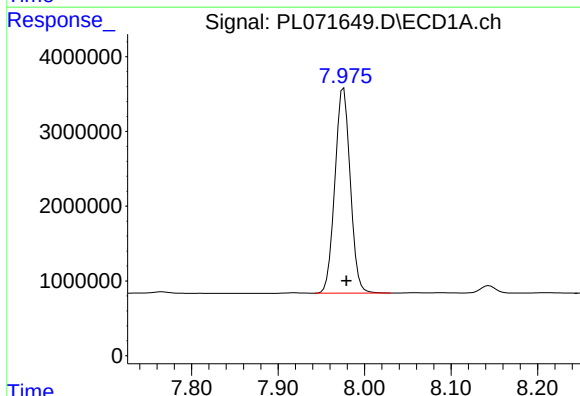
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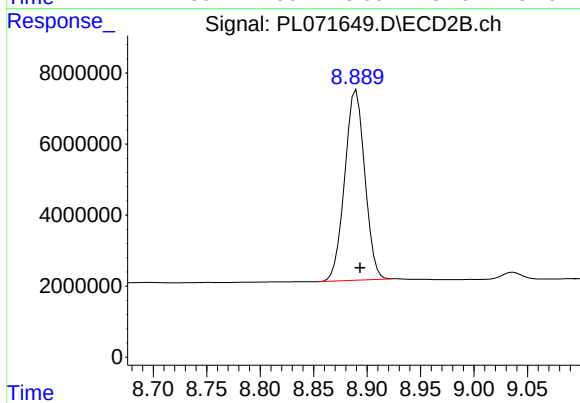
#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 718079
Conc: 0.41 ng/ml



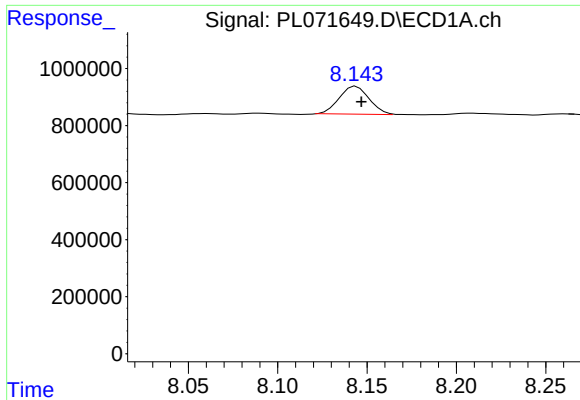
#14 Endrin

R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 33647259
Conc: 45.23 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.004 min
Response: 70086122
Conc: 46.51 ng/ml



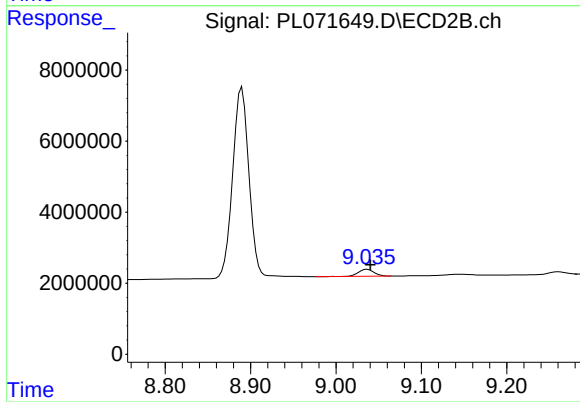
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: -0.004 min
Response: 1133769
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

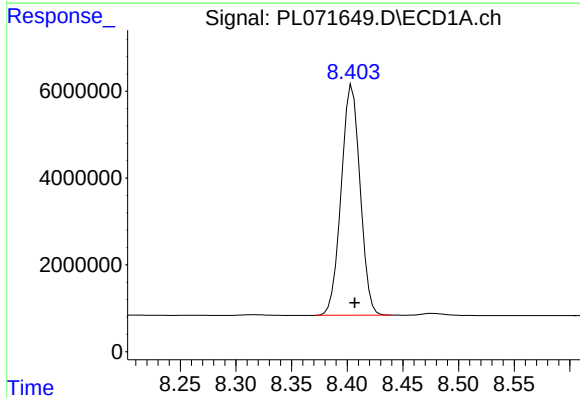
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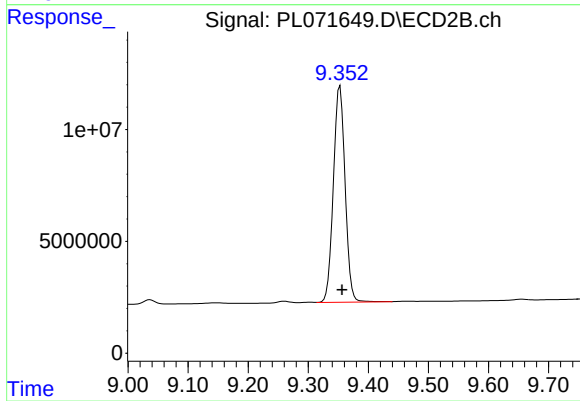
#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.004 min
Response: 2564069
Conc: 1.97 ng/ml



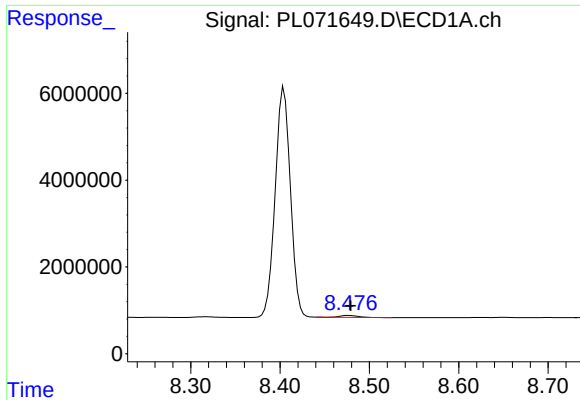
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: -0.002 min
Response: 62746885
Conc: 97.33 ng/ml



#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 131476095
Conc: 96.30 ng/ml



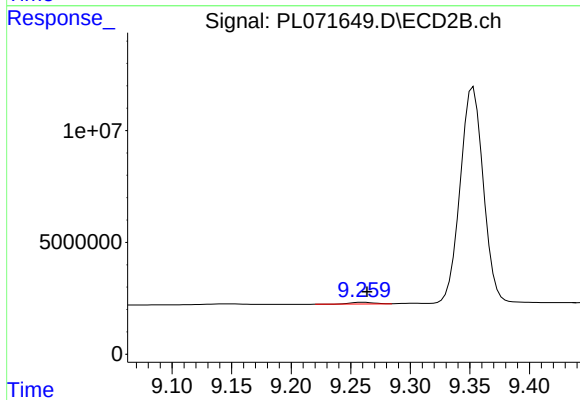
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 587969
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

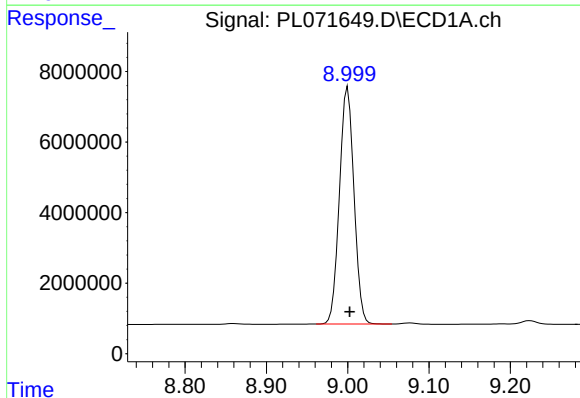
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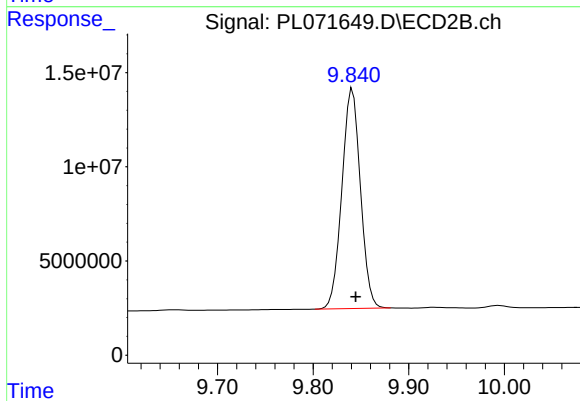
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 1018901
Conc: 0.88 ng/ml



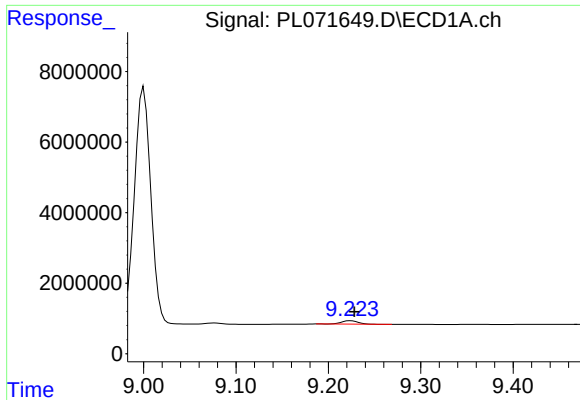
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: -0.002 min
Response: 83255585
Conc: 223.43 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.003 min
Response: 157664624
Conc: 242.55 ng/ml



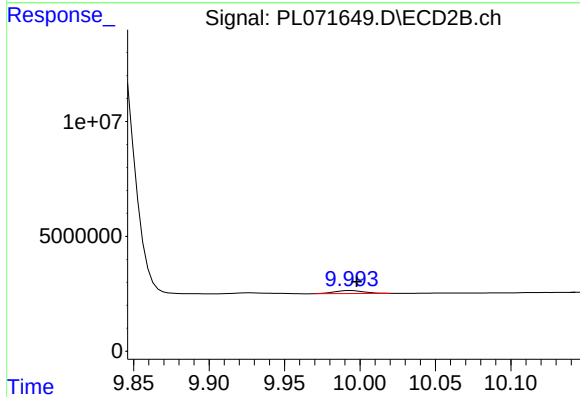
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: -0.004 min
Response: 1165137
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

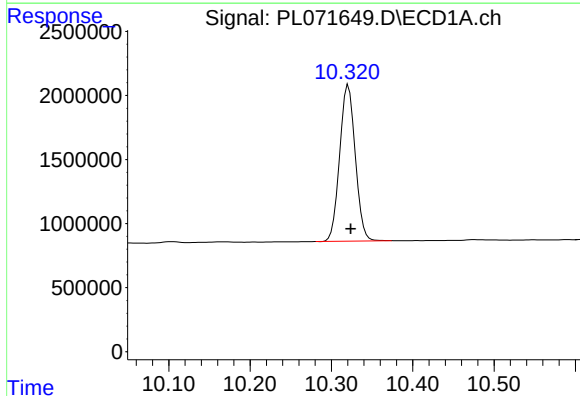
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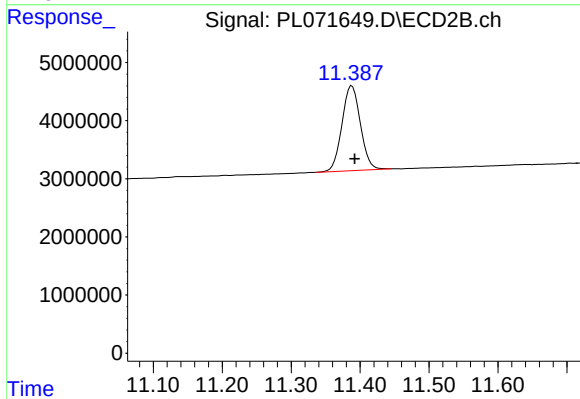
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 1746731
Conc: 1.29 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: -0.003 min
Response: 16245052
Conc: 21.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.388 min
Delta R.T.: -0.004 min
Response: 27216300
Conc: 21.72 ng/ml