

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:17:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.642	5.491	6374597	33858425	19.903	20.630
28)	SA Decachlor...	10.416	11.331	9972396	33449360	19.611	18.706
Target Compounds							
2)	A alpha-BHC	5.351	6.054	3807495	20585377	9.237	9.150
3)	MA gamma-BHC...	5.774	6.443	3930696	20130201	9.423	9.428
6)	B beta-BHC	6.152	6.679	2274660	11651427	11.048m	11.178
12)	B 4,4'-DDE	7.651	8.460	108778	544144	0.303	0.304m
14)	MA Endrin	8.069	8.846	17918605	72946059	46.181	47.386
16)	A 4,4'-DDD	8.235	8.988	917187	3921183	2.824	2.686
17)	MA 4,4'-DDT	8.497	9.307	33190676	148.3E6	87.764	90.701
18)	B Endrin al...	8.569	9.201	540758	957542	1.710	0.781m#
20)	A Methoxychlor	9.092	9.787	47972511	188.2E6	187.002	208.913
21)	B Endrin ke...	9.318	9.927	1283248	3278933	2.623	1.987

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

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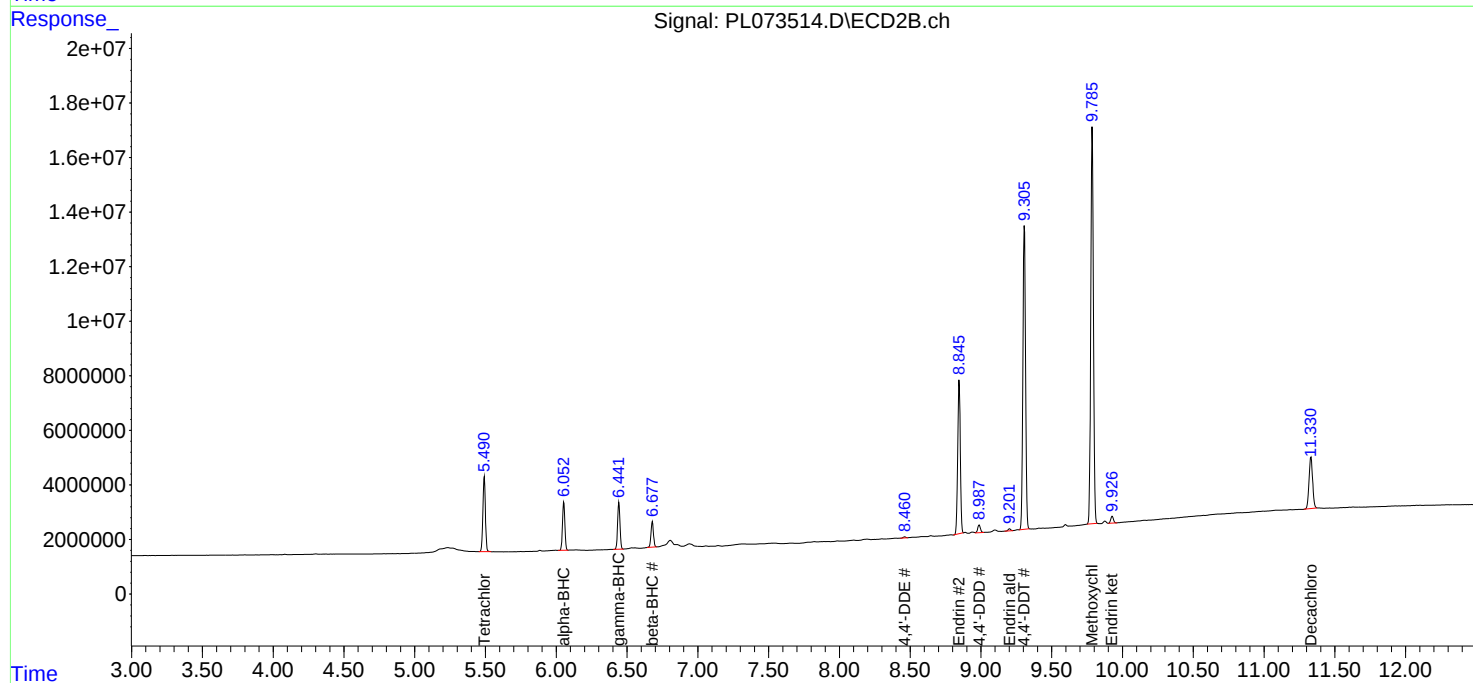
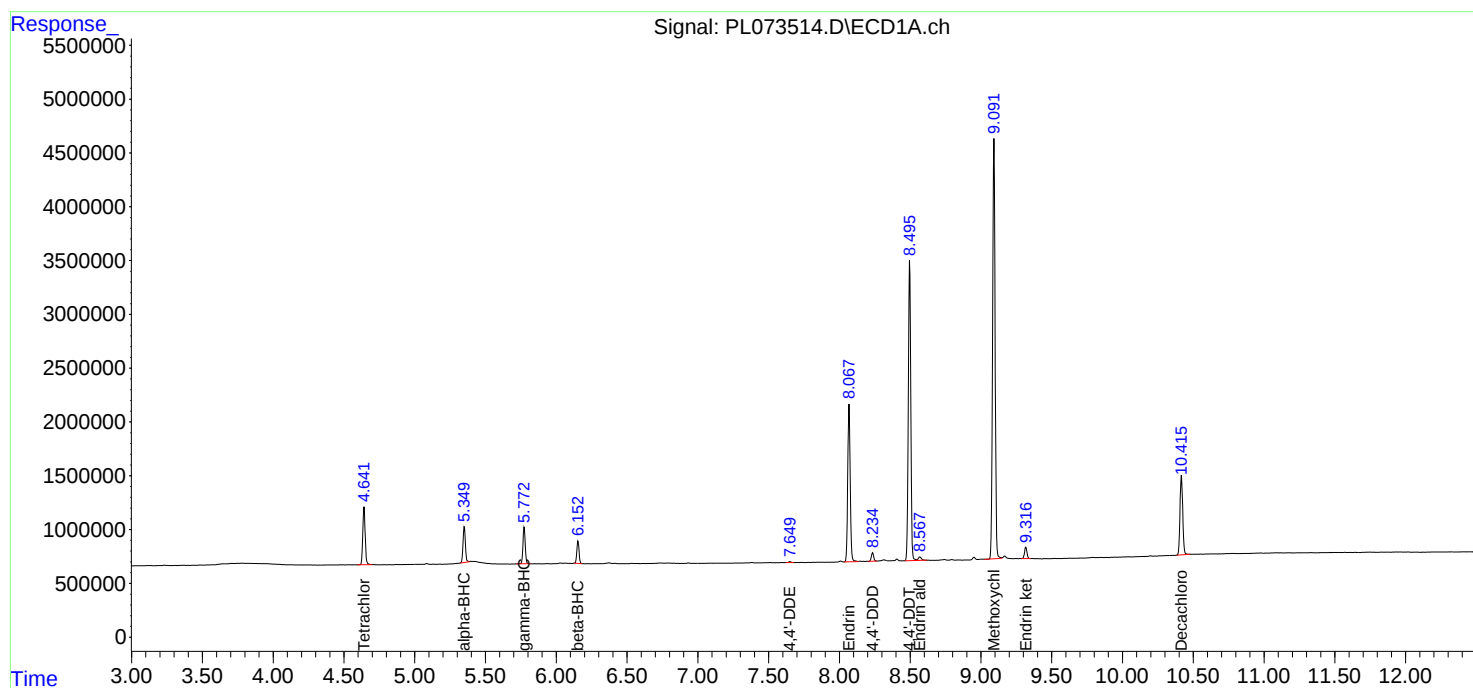
Instrument :
ECD_L
ClientSampleId :
PEM

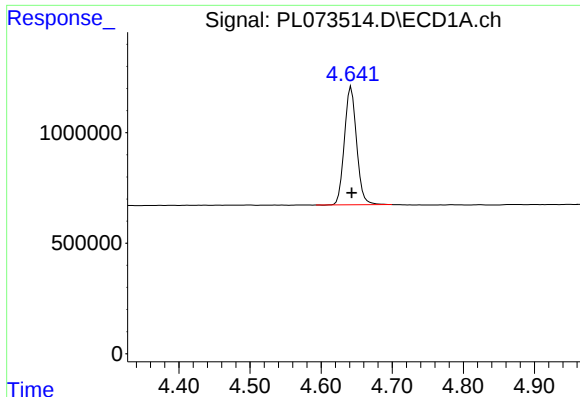
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Integration File signal 1: autoint1.e
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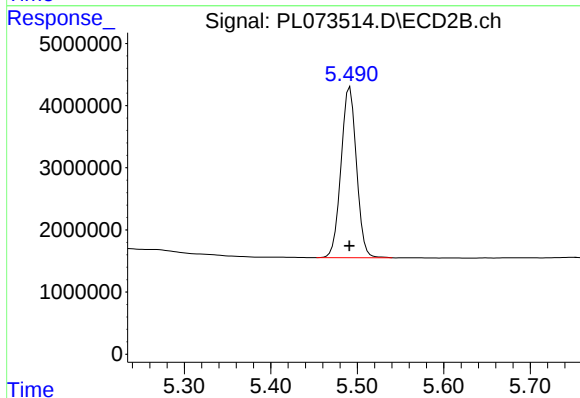
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 6374597
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

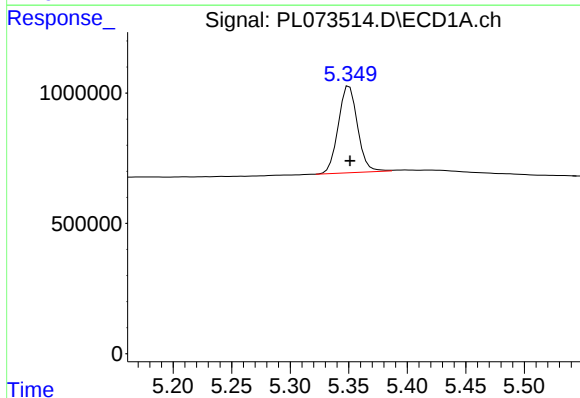
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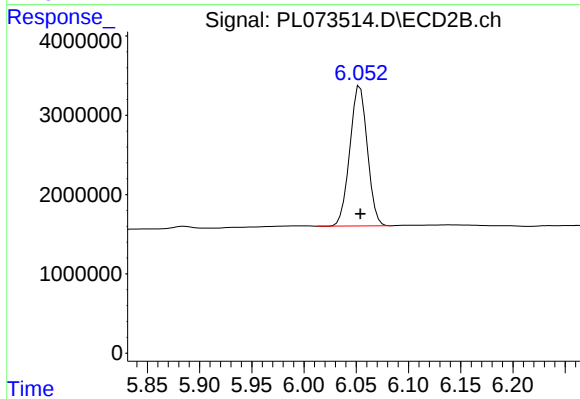
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33858425
Conc: 20.63 ng/ml



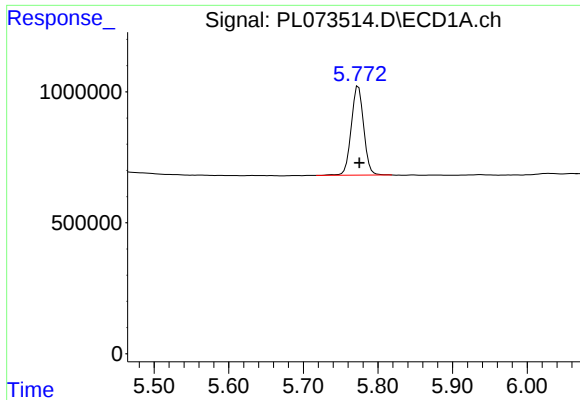
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 3807495
Conc: 9.24 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 20585377
Conc: 9.15 ng/ml



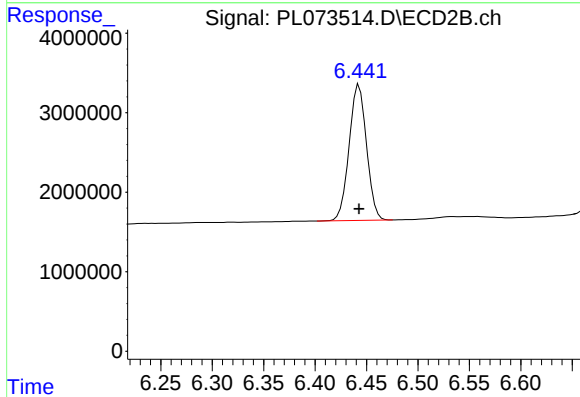
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 3930696
Conc: 9.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

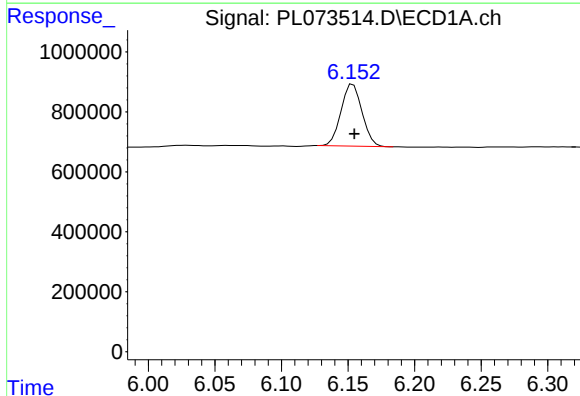
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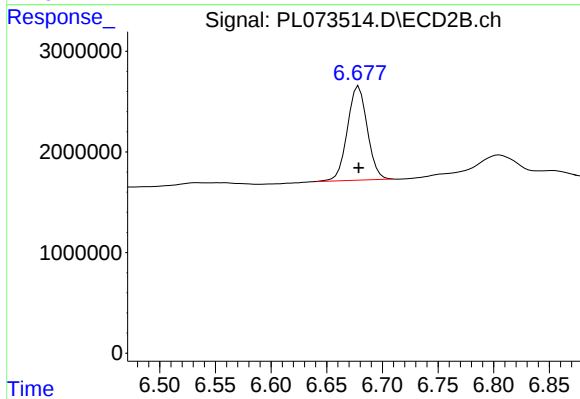
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 20130201
Conc: 9.43 ng/ml



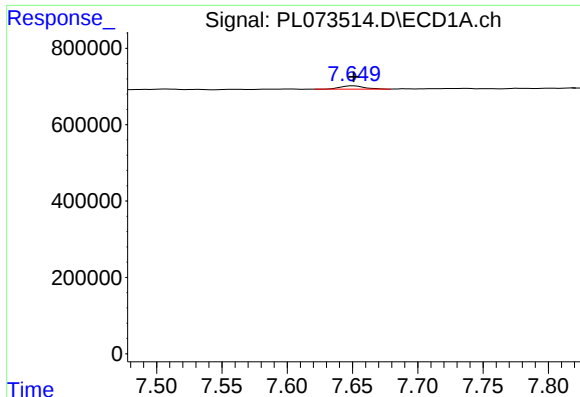
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 2274660
Conc: 11.05 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 11651427
Conc: 11.18 ng/ml



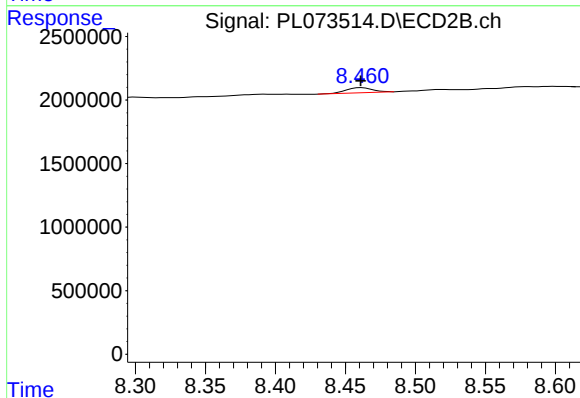
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 108778
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

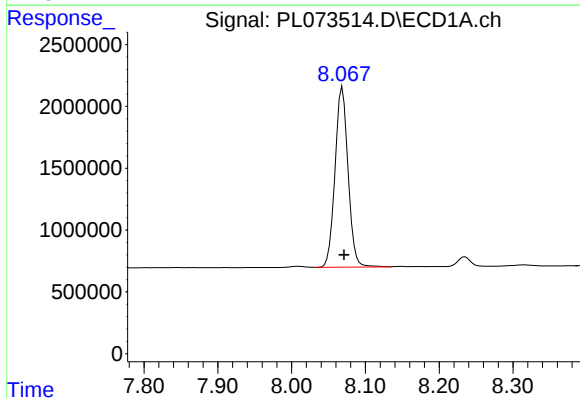
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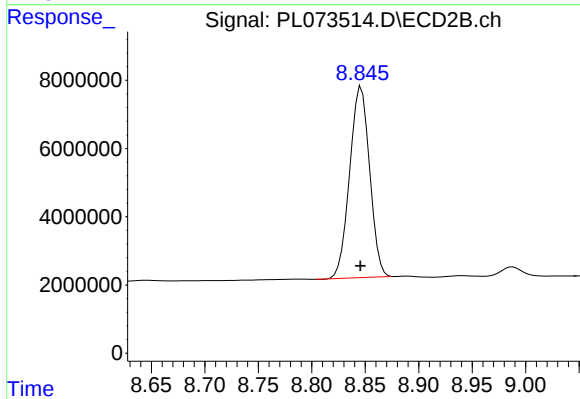
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.000 min
Response: 544144
Conc: 0.30 ng/ml m



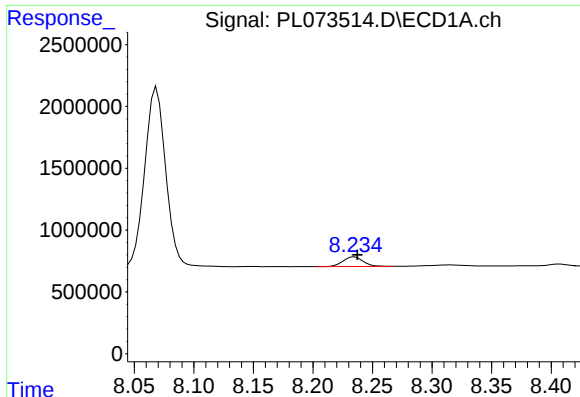
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 17918605
Conc: 46.18 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 72946059
Conc: 47.39 ng/ml



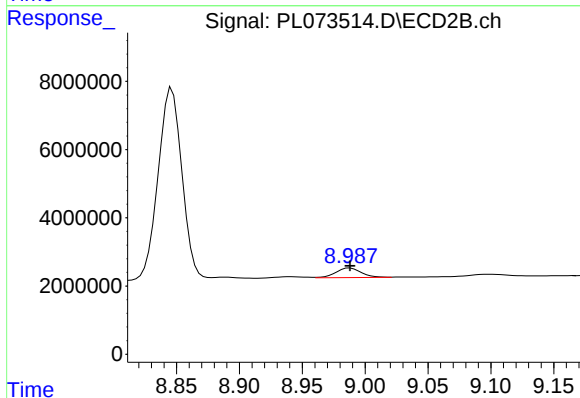
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 917187
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

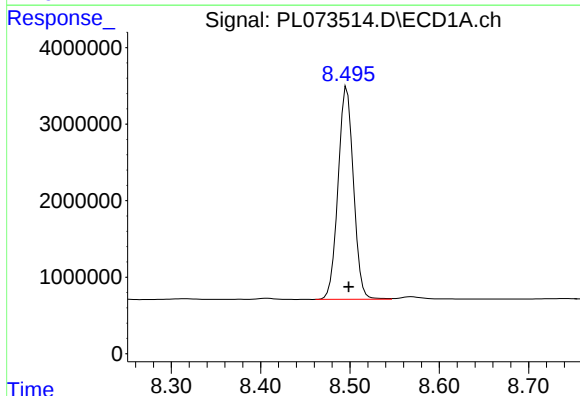
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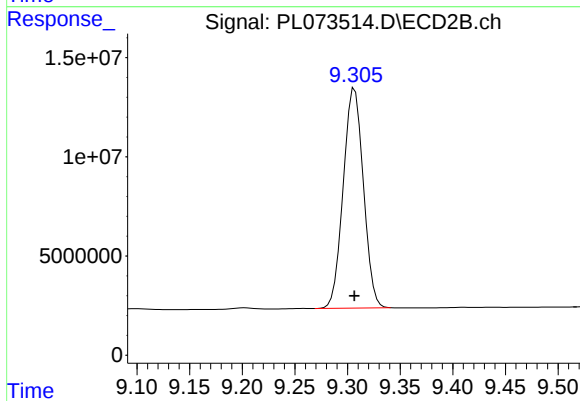
#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 3921183
Conc: 2.69 ng/ml



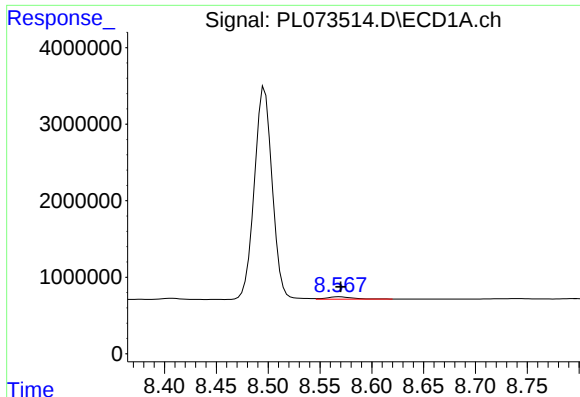
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 33190676
Conc: 87.76 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 148252866
Conc: 90.70 ng/ml



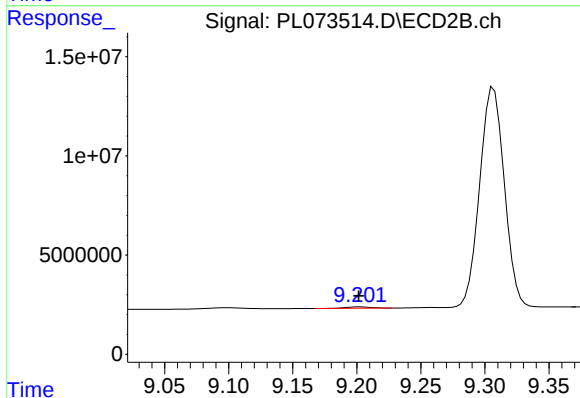
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: -0.001 min
Response: 540758
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

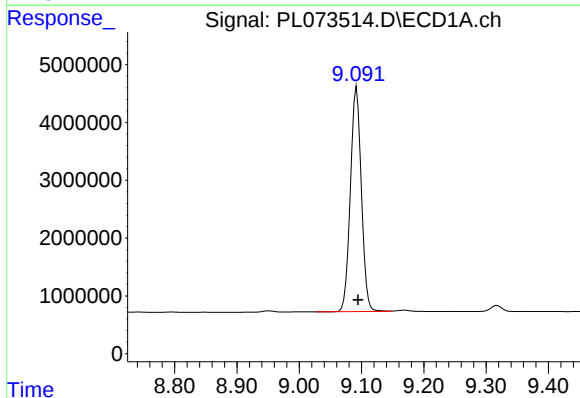
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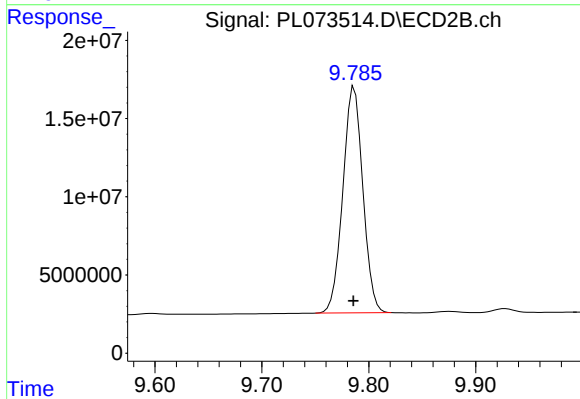
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.001 min
Response: 957542
Conc: 0.78 ng/ml m



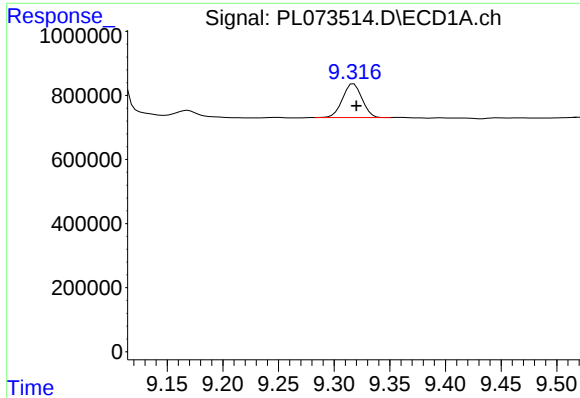
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 47972511
Conc: 187.00 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.000 min
Response: 188245711
Conc: 208.91 ng/ml



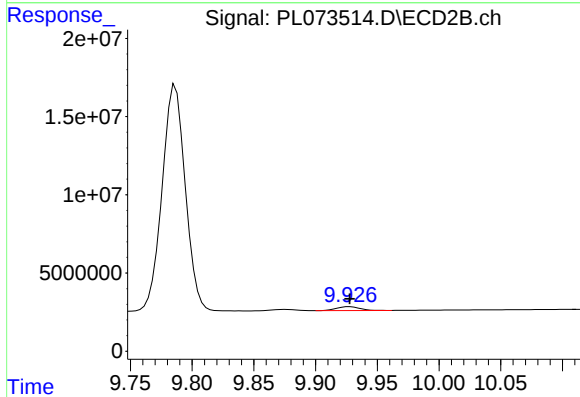
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.003 min
Response: 1283248
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

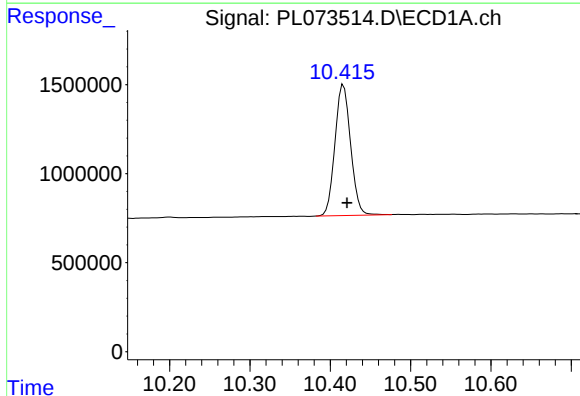
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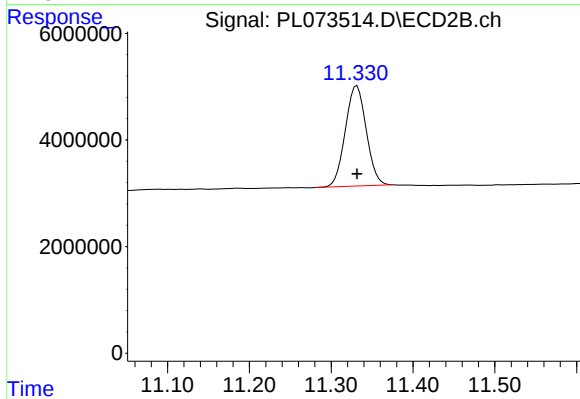
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 3278933
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 9972396
Conc: 19.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 33449360
Conc: 18.71 ng/ml