

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041922\
 Data File : PL074172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2022 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 16:50:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.638	5.491	7593568	39392869	23.501	22.094
28)	SA Decachlor...	10.413	11.337	11052121	37237574	21.253	21.082
Target Compounds							
2)	A alpha-BHC	5.346	6.054	4459645	25009973	10.627	9.932
3)	MA gamma-BHC...	5.770	6.444	4441055	24265084	10.589	10.251
6)	B beta-BHC	6.150	6.681	2536517	13850548	12.414m	12.290
12)	B 4,4'-DDE	7.645	8.463	190183	929259	0.521	0.467
14)	MA Endrin	8.065	8.848	19636615	86893828	48.338	51.305
16)	A 4,4'-DDD	8.231	8.991	3259706	15864235	10.094	10.311
17)	MA 4,4'-DDT	8.492	9.311	32464167	152.4E6	87.827	85.946
18)	B Endrin al...	8.565	9.205	845425	2568218	2.613	1.988m
20)	A Methoxychlor	9.087	9.790	48922179	201.1E6	197.054	209.035
21)	B Endrin ke...	9.314	9.932	2007140	6378285	4.108	3.685

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

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Acq On : 19 Apr 2022 09:28
Operator : AR\AJ
Sample : PEM
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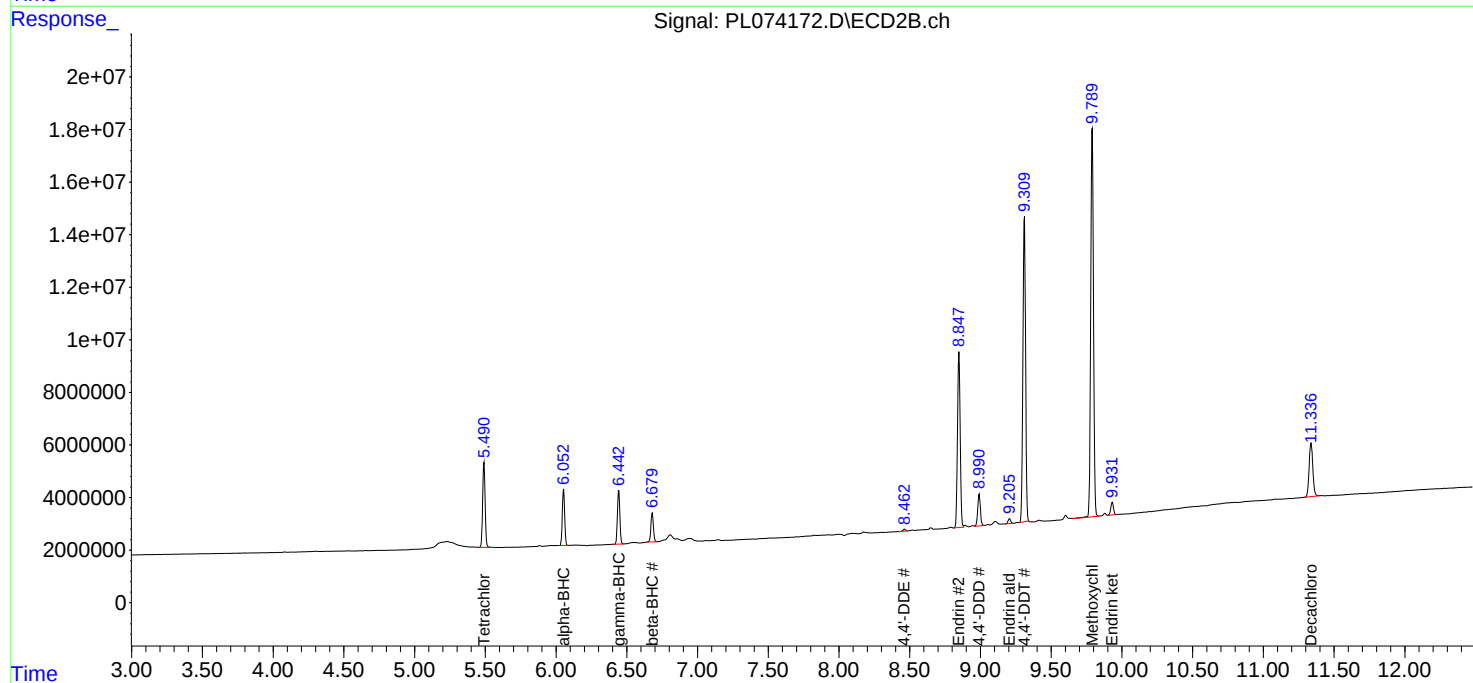
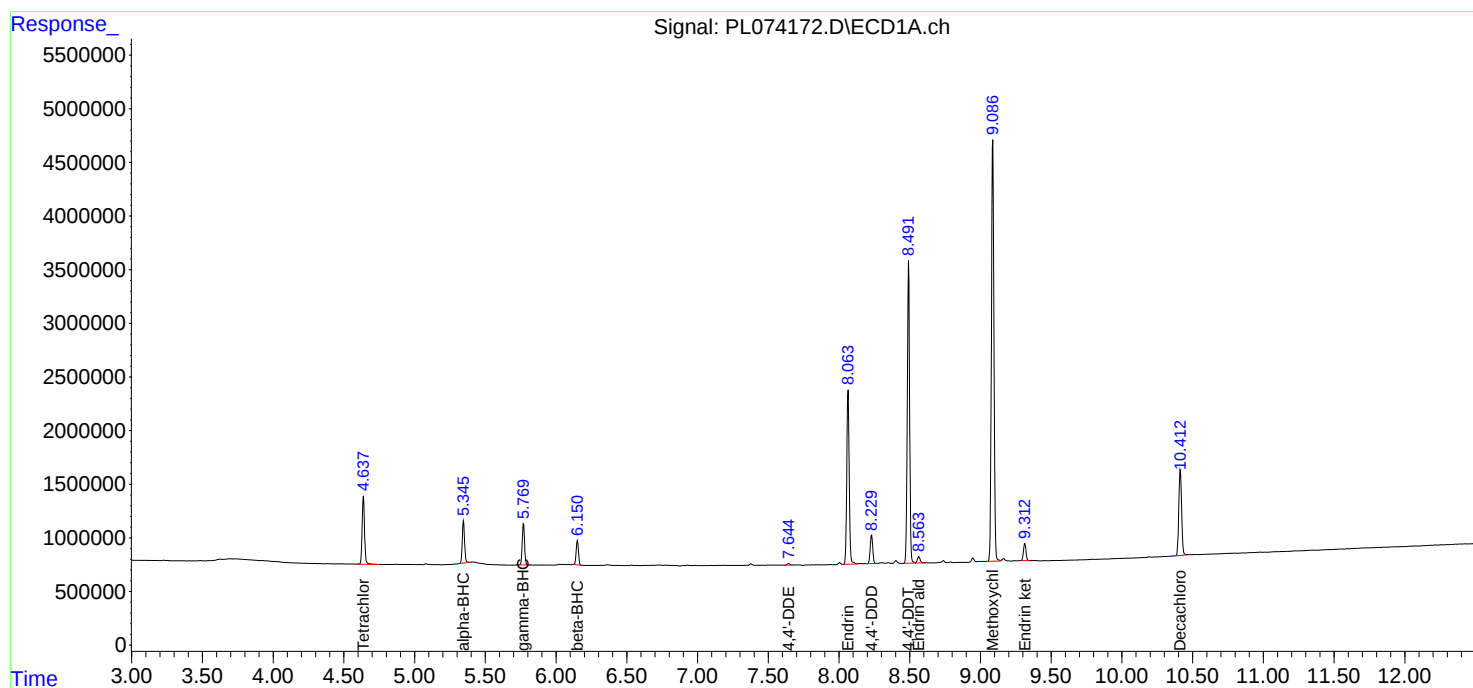
Instrument :
ECD_L
ClientSampleId :
PEM

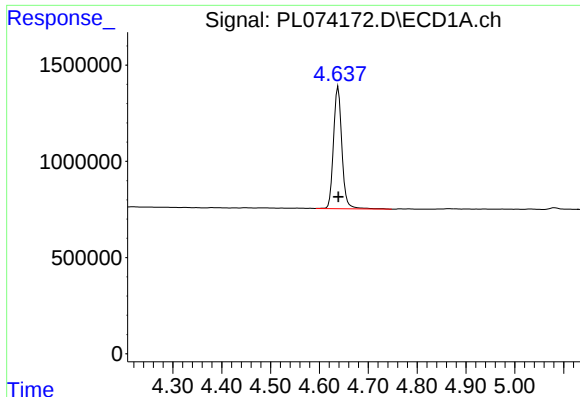
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Integration File signal 1: autoint1.e
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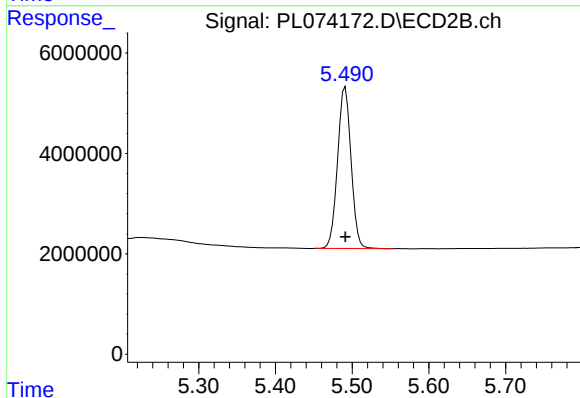
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: 0.000 min
Response: 7593568
Conc: 23.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

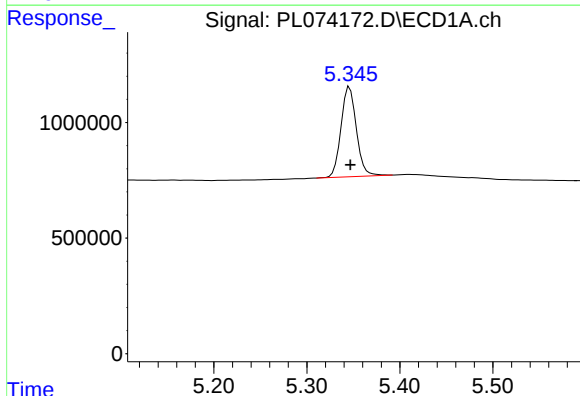
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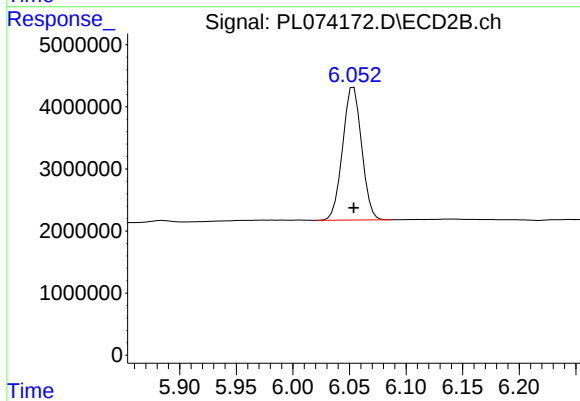
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 39392869
Conc: 22.09 ng/ml



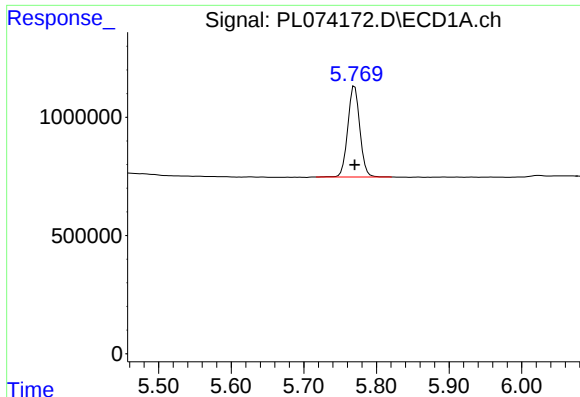
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 4459645
Conc: 10.63 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 25009973
Conc: 9.93 ng/ml



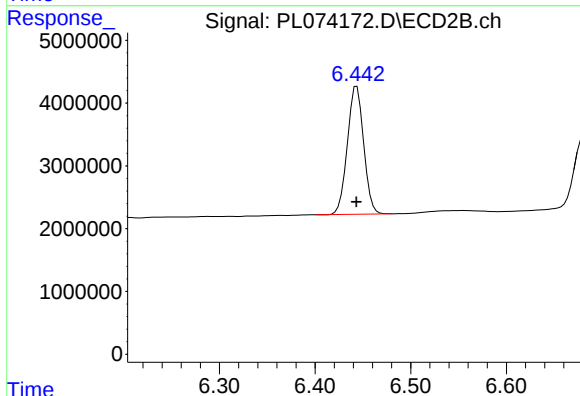
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 4441055
Conc: 10.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

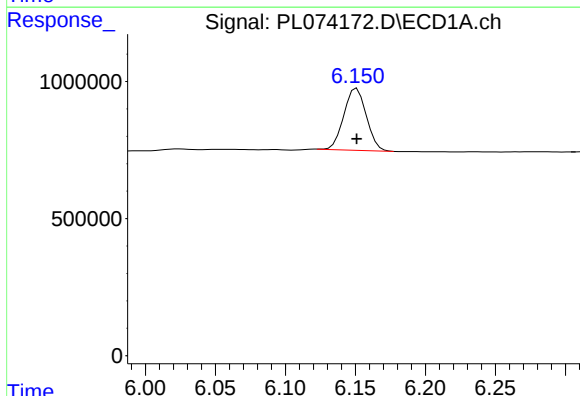
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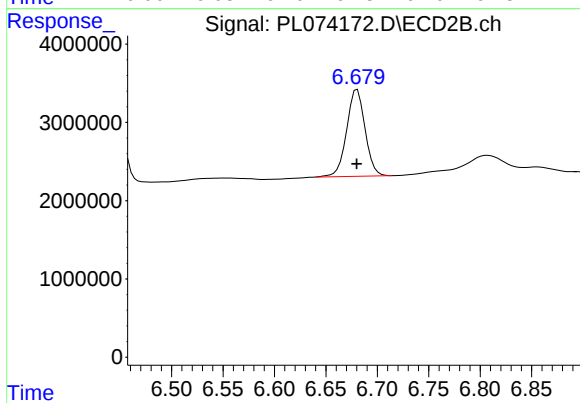
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 24265084
Conc: 10.25 ng/ml



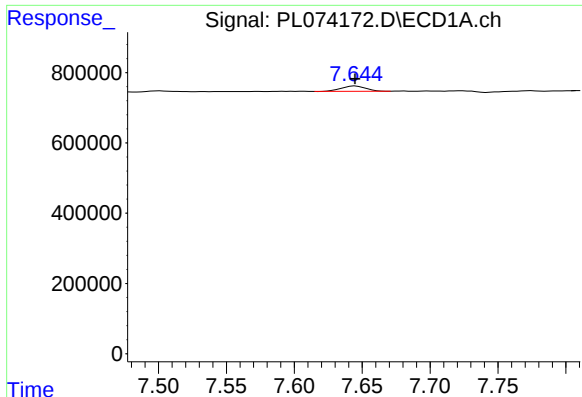
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 2536517
Conc: 12.41 ng/ml m



#6 beta-BHC

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 13850548
Conc: 12.29 ng/ml



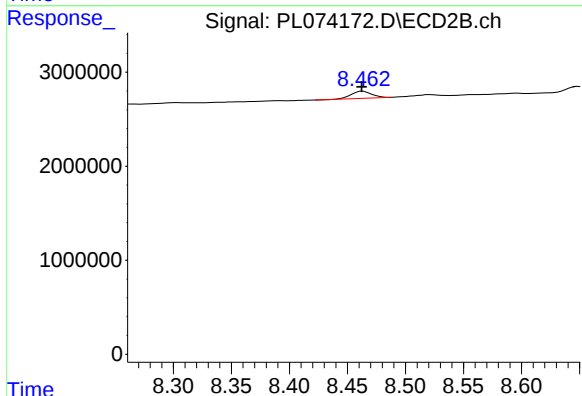
#12 4,4'-DDE

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 190183
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

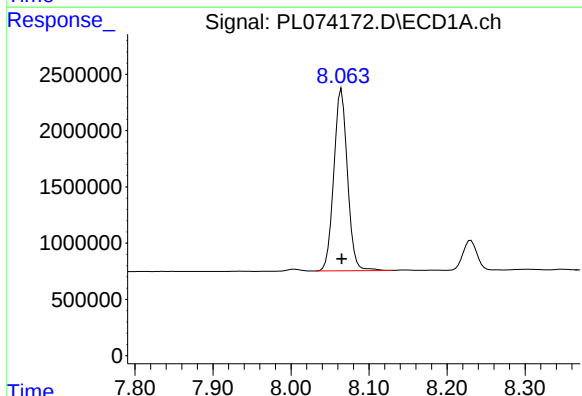
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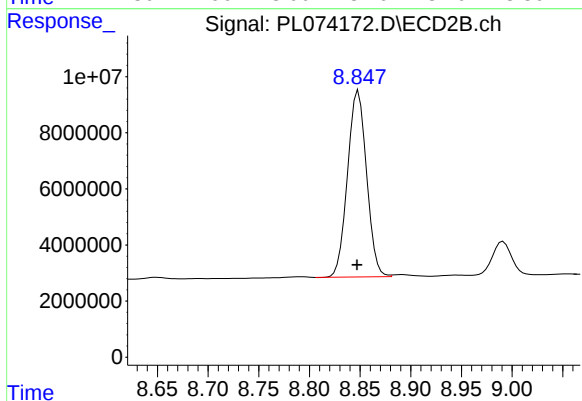
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.001 min
Response: 929259
Conc: 0.47 ng/ml



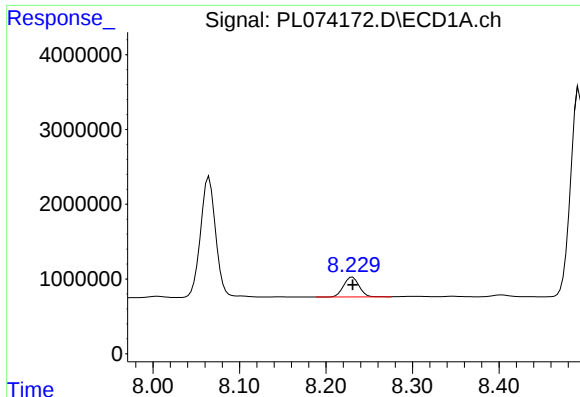
#14 Endrin

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 19636615
Conc: 48.34 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.001 min
Response: 86893828
Conc: 51.31 ng/ml



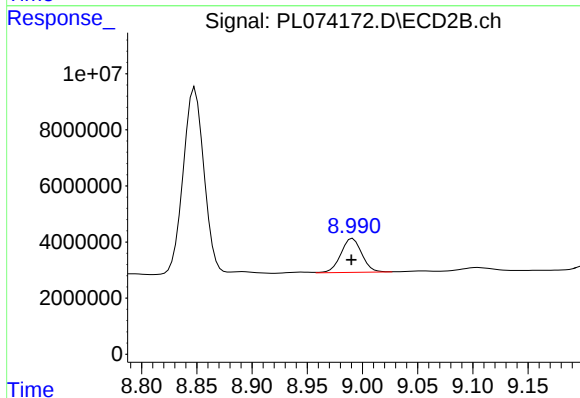
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 3259706
Conc: 10.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

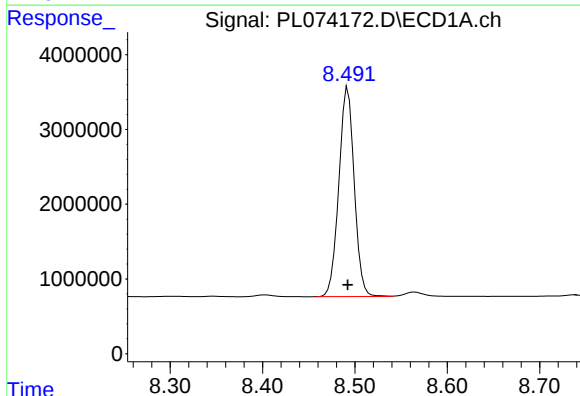
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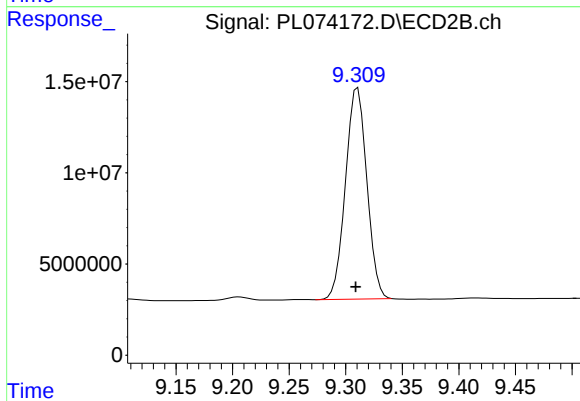
#16 4,4'-DDD

R.T.: 8.991 min
Delta R.T.: 0.001 min
Response: 15864235
Conc: 10.31 ng/ml



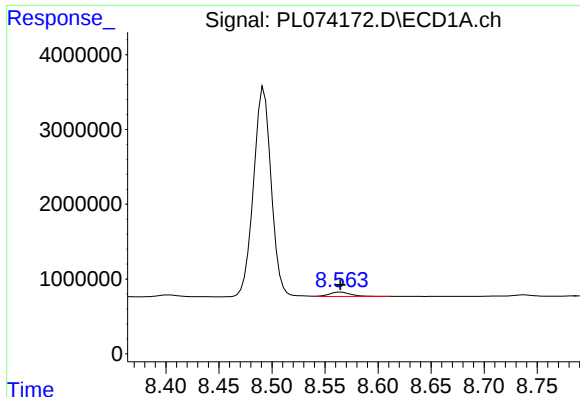
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 32464167
Conc: 87.83 ng/ml



#17 4,4'-DDT

R.T.: 9.311 min
Delta R.T.: 0.002 min
Response: 152353215
Conc: 85.95 ng/ml



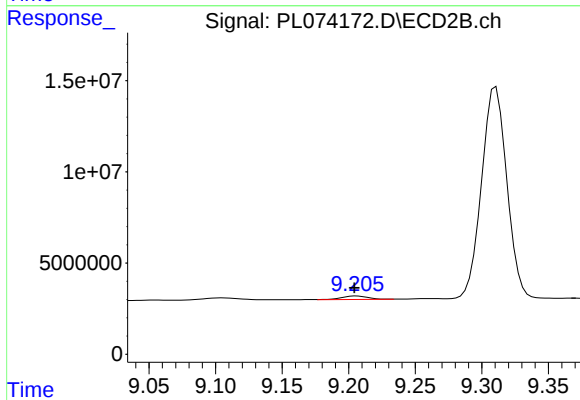
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 845425
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

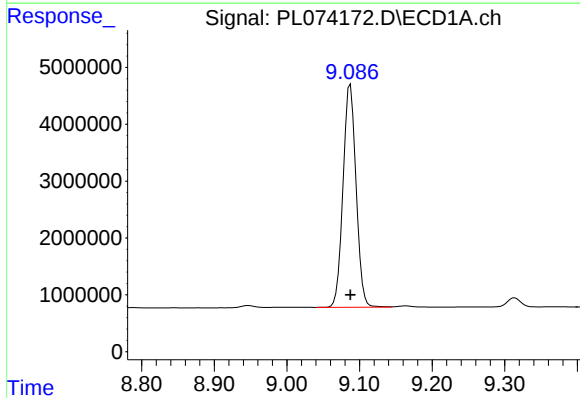
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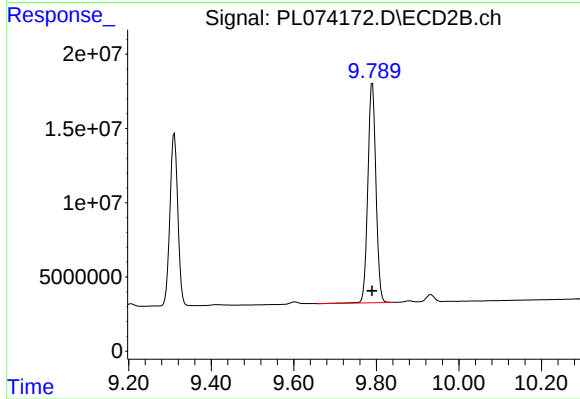
#18 Endrin aldehyde

R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 2568218
Conc: 1.99 ng/ml m



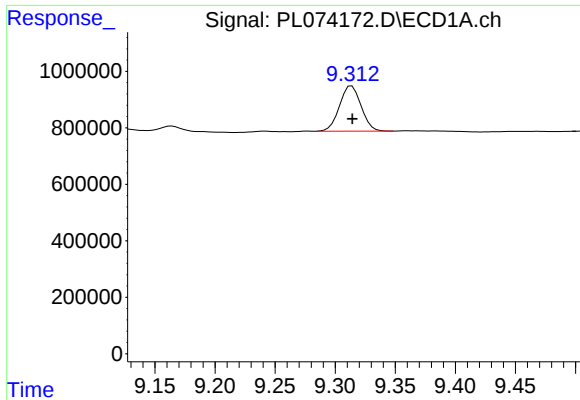
#20 Methoxychlor

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 48922179
Conc: 197.05 ng/ml



#20 Methoxychlor

R.T.: 9.790 min
Delta R.T.: 0.001 min
Response: 201059112
Conc: 209.03 ng/ml



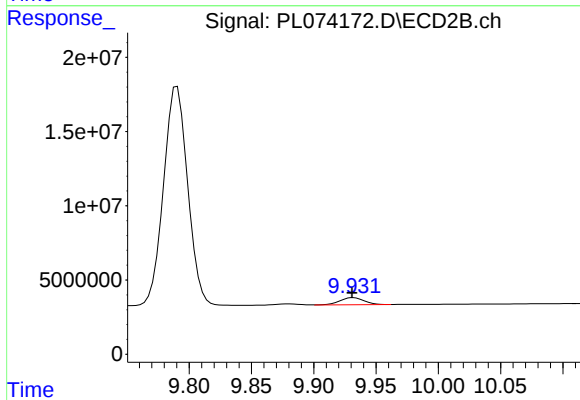
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: 0.000 min
Response: 2007140
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

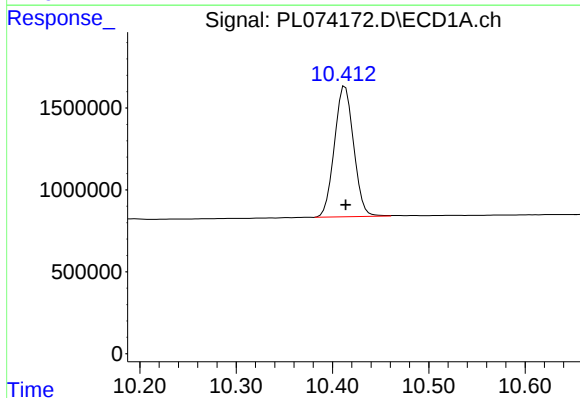
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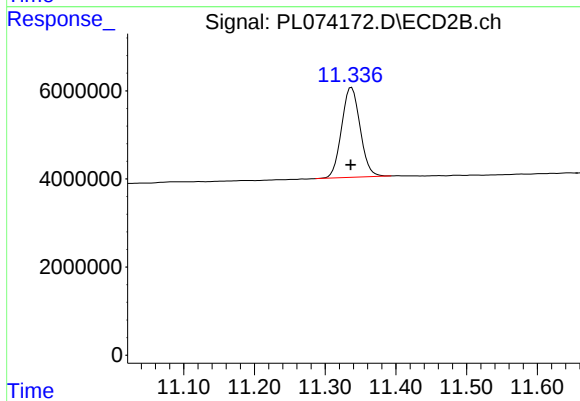
#21 Endrin ketone

R.T.: 9.932 min
Delta R.T.: 0.001 min
Response: 6378285
Conc: 3.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: 0.000 min
Response: 11052121
Conc: 21.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.337 min
Delta R.T.: 0.001 min
Response: 37237574
Conc: 21.08 ng/ml