

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021122\
 Data File : PL072606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2022 09:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/14/2022
 Supervised By : Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:39:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.557	5.492	10531212	37066100	21.871	21.458
28)	SA Decachlor...	10.317	11.385	17411879	35562496	23.000	22.426
Target Compounds							
2)	A alpha-BHC	5.263	6.074	6532156	24374800	9.907	10.178
3)	MA gamma-BHC...	5.686	6.470	6360636	23804189	10.121	10.339
6)	B beta-BHC	6.069	6.730	3735994	13162809	15.077m	12.912
12)	B 4,4'-DDE	7.553	8.494	312522	501163	0.514	0.268 #
14)	MA Endrin	7.973	8.887	34809793	89552907	59.422	56.836
16)	A 4,4'-DDD	8.141	9.034	341935	984181	0.711m	0.711m
17)	MA 4,4'-DDT	8.402	9.352	68992477	177.8E6	128.219	116.169
18)	B Endrin al...	8.483	9.256	394436	338848	0.905	0.301m#
20)	A Methoxychlor	8.998	9.839	94514585	219.3E6	268.795	270.810
21)	B Endrin ke...	9.221	9.992	670074	1044188	0.975m	0.655m#

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

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Acq On : 11 Feb 2022 09:13
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

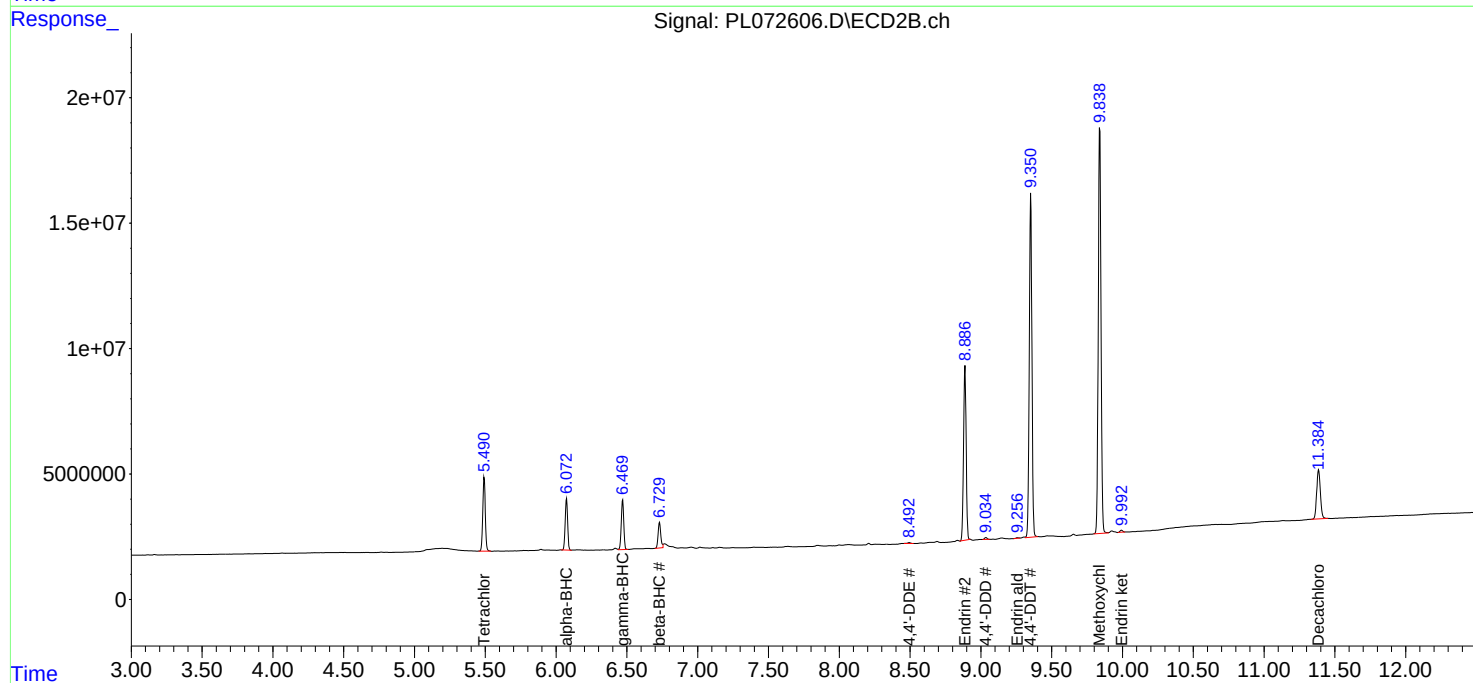
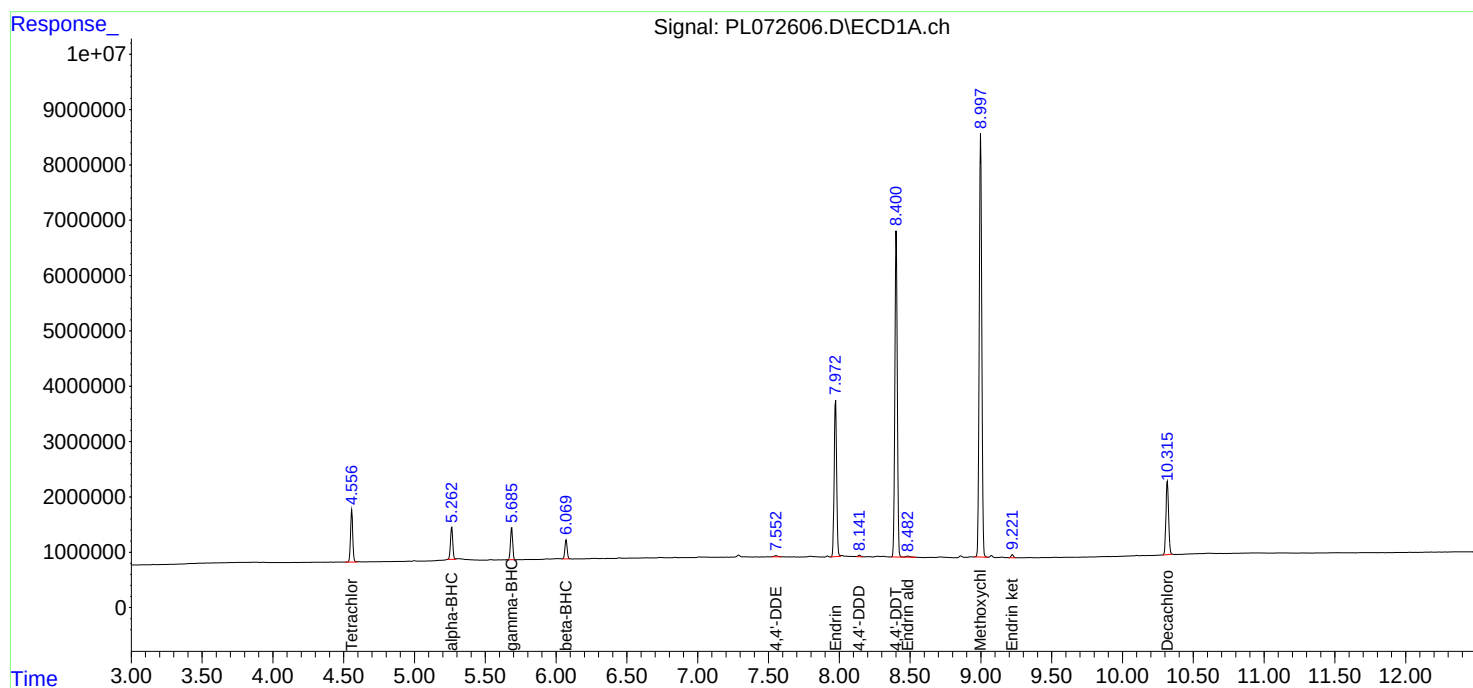
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PEM

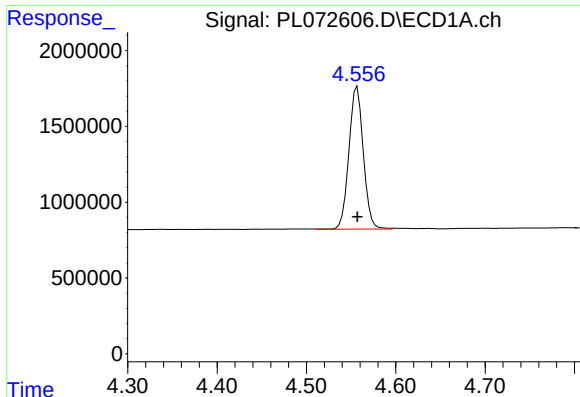
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Integration File signal 1: autoint1.e
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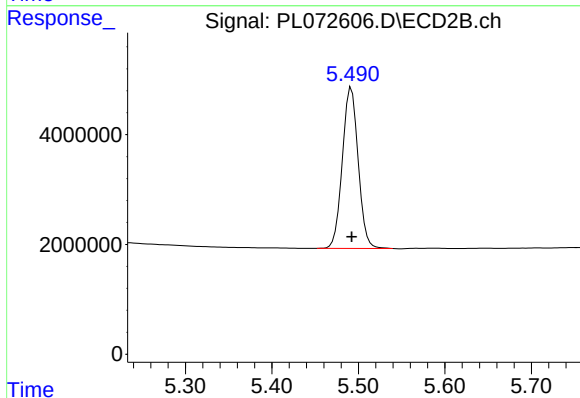
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 10531212
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

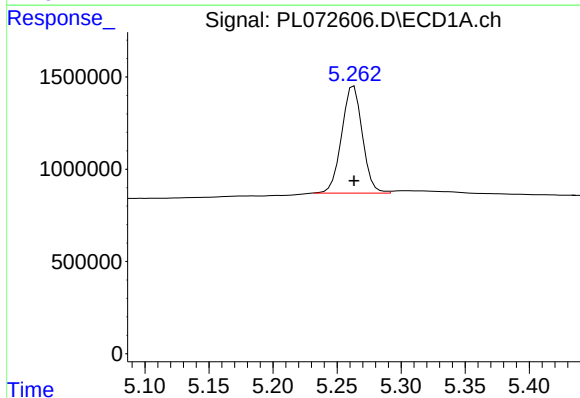
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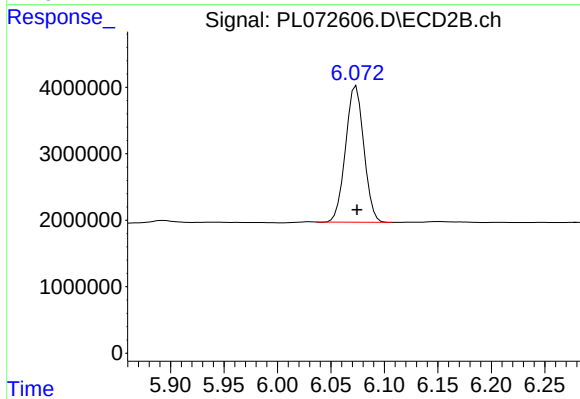
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 37066100
Conc: 21.46 ng/ml



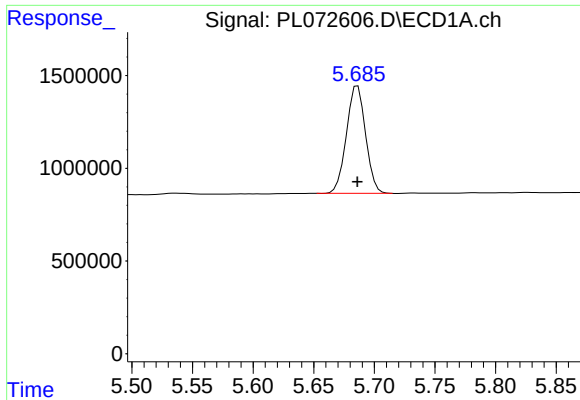
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 6532156
Conc: 9.91 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 24374800
Conc: 10.18 ng/ml



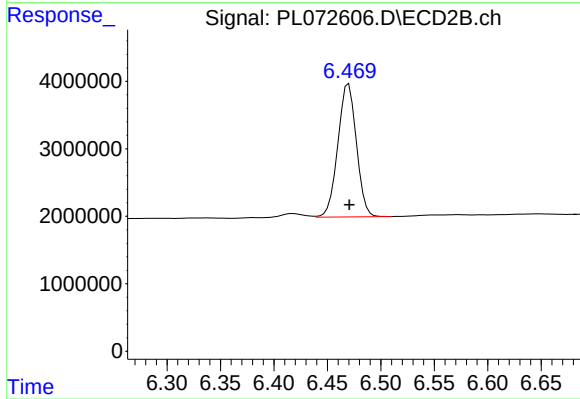
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 6360636
Conc: 10.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

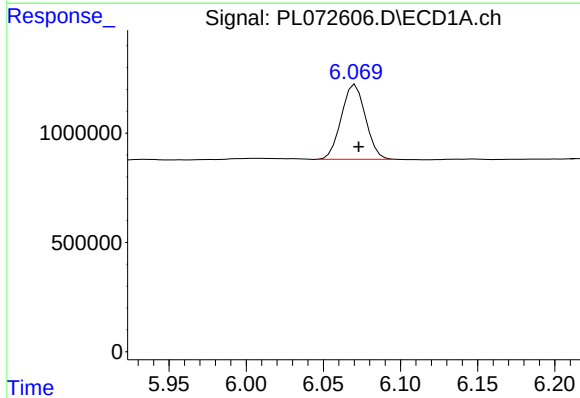
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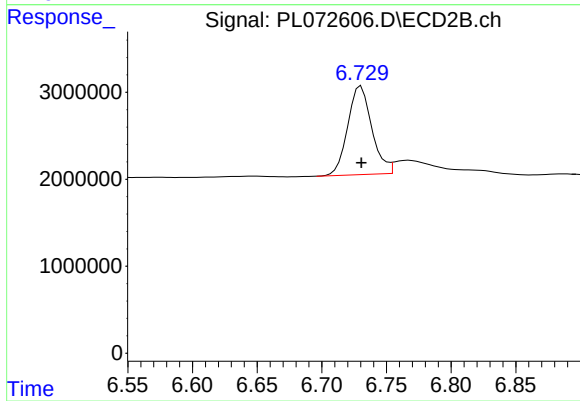
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 23804189
Conc: 10.34 ng/ml



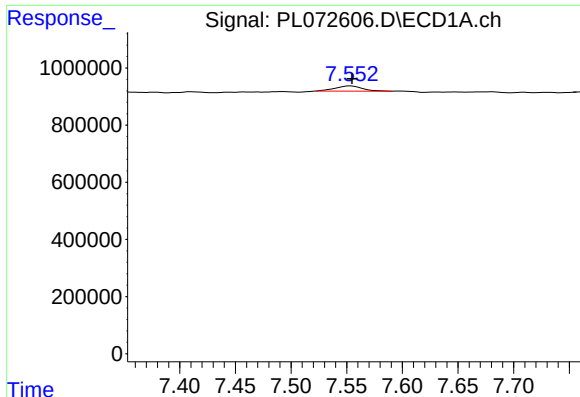
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3735994
Conc: 15.08 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 13162809
Conc: 12.91 ng/ml



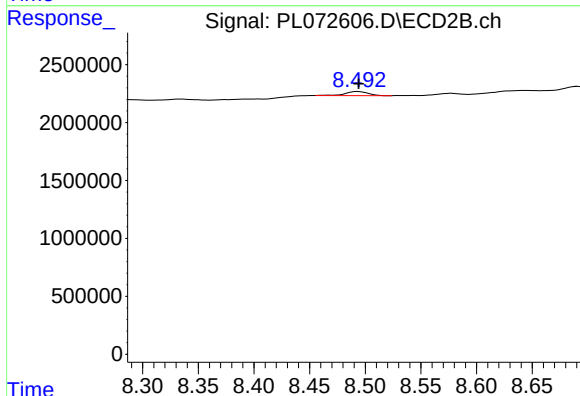
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 312522
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

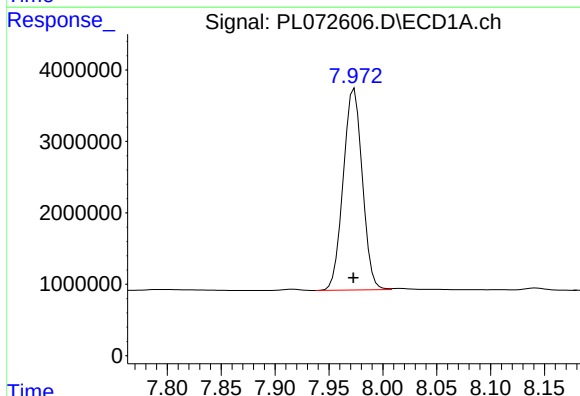
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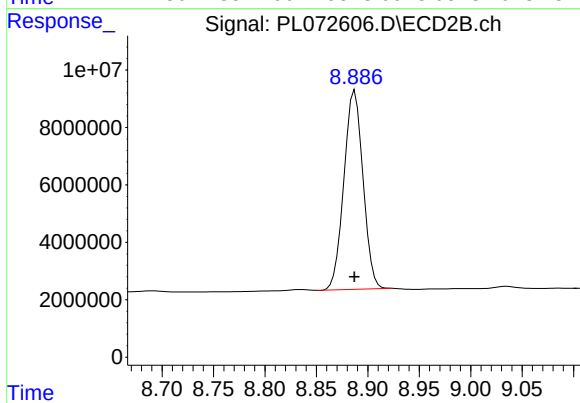
#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 501163
Conc: 0.27 ng/ml



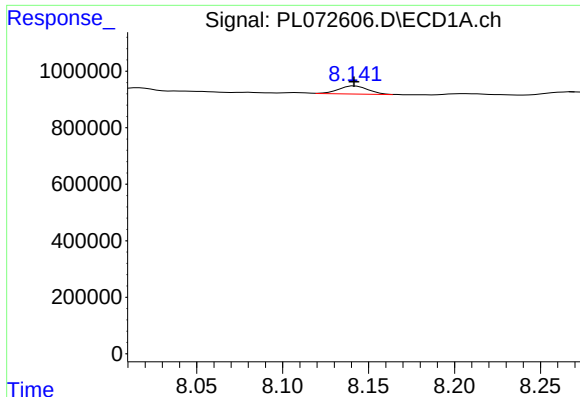
#14 Endrin

R.T.: 7.973 min
Delta R.T.: 0.000 min
Response: 34809793
Conc: 59.42 ng/ml



#14 Endrin

R.T.: 8.887 min
Delta R.T.: 0.000 min
Response: 89552907
Conc: 56.84 ng/ml



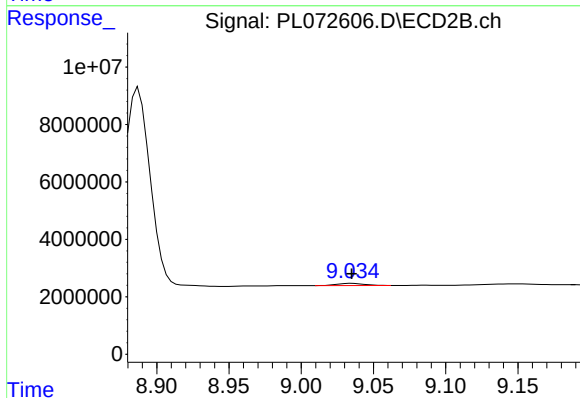
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 341935
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

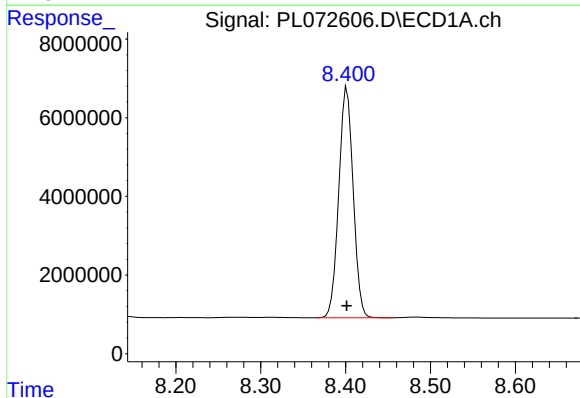
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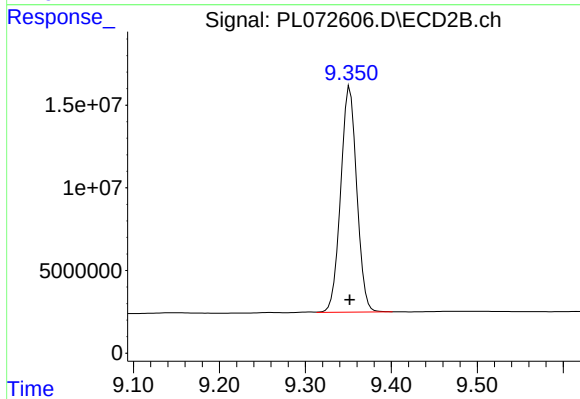
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.001 min
Response: 984181
Conc: 0.71 ng/ml m



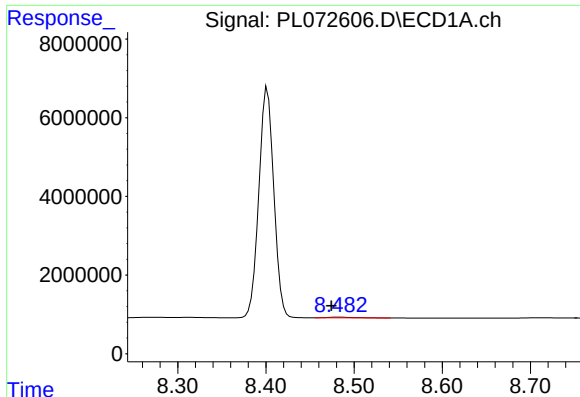
#17 4,4'-DDT

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 68992477
Conc: 128.22 ng/ml



#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 177837081
Conc: 116.17 ng/ml



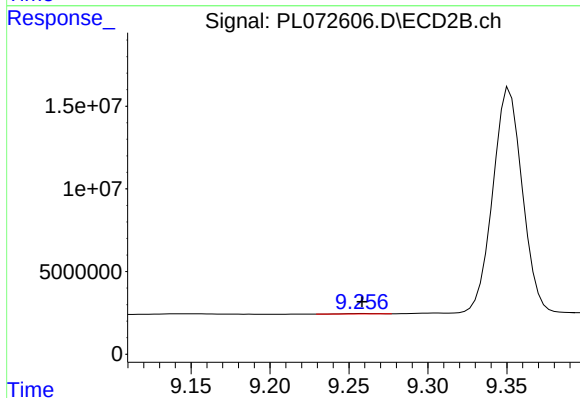
#18 Endrin aldehyde

R.T.: 8.483 min
Delta R.T.: 0.009 min
Response: 394436
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

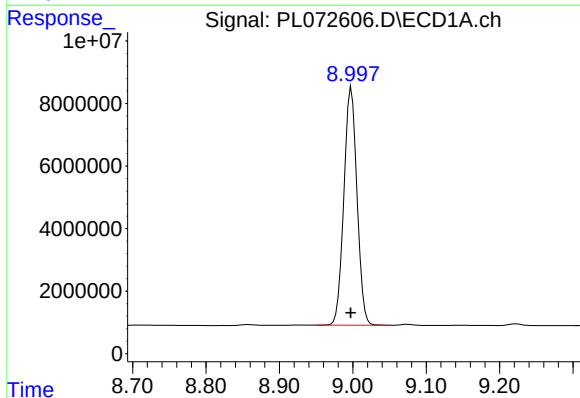
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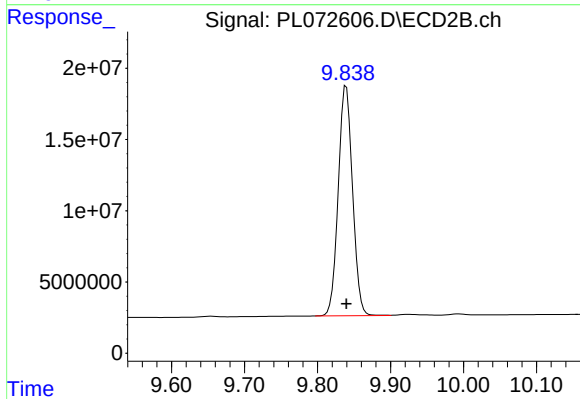
#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 338848
Conc: 0.30 ng/ml m



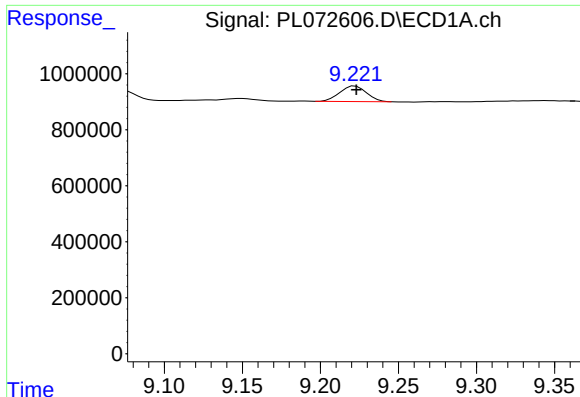
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 94514585
Conc: 268.79 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 219262521
Conc: 270.81 ng/ml



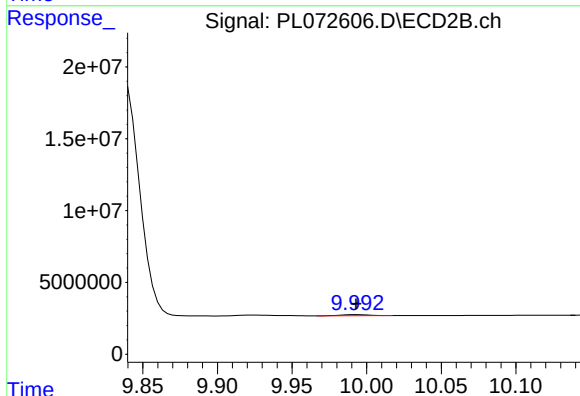
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 670074
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

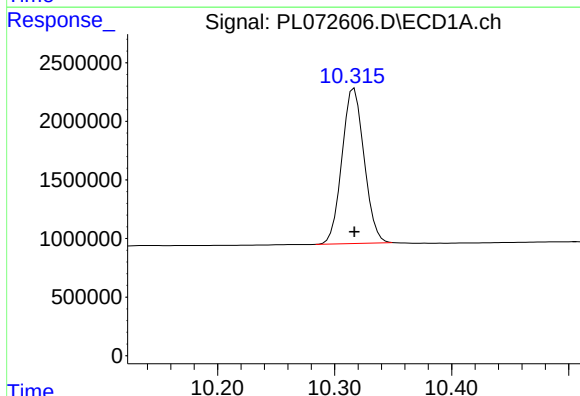
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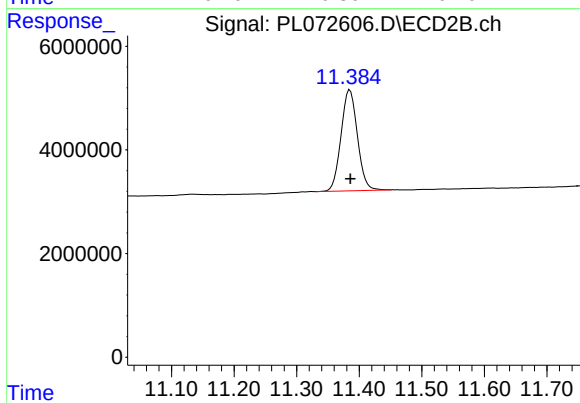
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 1044188
Conc: 0.66 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 17411879
Conc: 23.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 35562496
Conc: 22.43 ng/ml