

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122921\
 Data File : PL071715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2021 09:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 12:46:39 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...	4.561	5.499	12870279	32376816	19.837	18.973
28)	SA Decachlor...	10.325	11.394	16798099	26084640	22.564	20.813
Target Compounds							
2)	A alpha-BHC	5.268	6.080	7949634	21842672	8.745	8.947
3)	MA gamma-BHC...	5.691	6.477	7623983	19878488	8.698	8.769
6)	B beta-BHC	6.074	6.735	4275400	10759296	11.250	10.451
12)	B 4,4'-DDE	7.562	8.501	744186	1652399	0.999	0.934
14)	MA Endrin	7.979	8.894	32463112	61970047	43.634	41.120
16)	A 4,4'-DDD	8.148	9.041	1022708	2177798	1.724	1.677
17)	MA 4,4'-DDT	8.408	9.357	61965184	115.9E6	96.116	84.858
18)	B Endrin al...	8.480	9.265	1510477	2918266	2.604	2.524
20)	A Methoxychlor	9.004	9.846	77127158	132.6E6	206.980	204.051
21)	B Endrin ke...	9.228	9.998	2260237	3278170	2.874	2.414m

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

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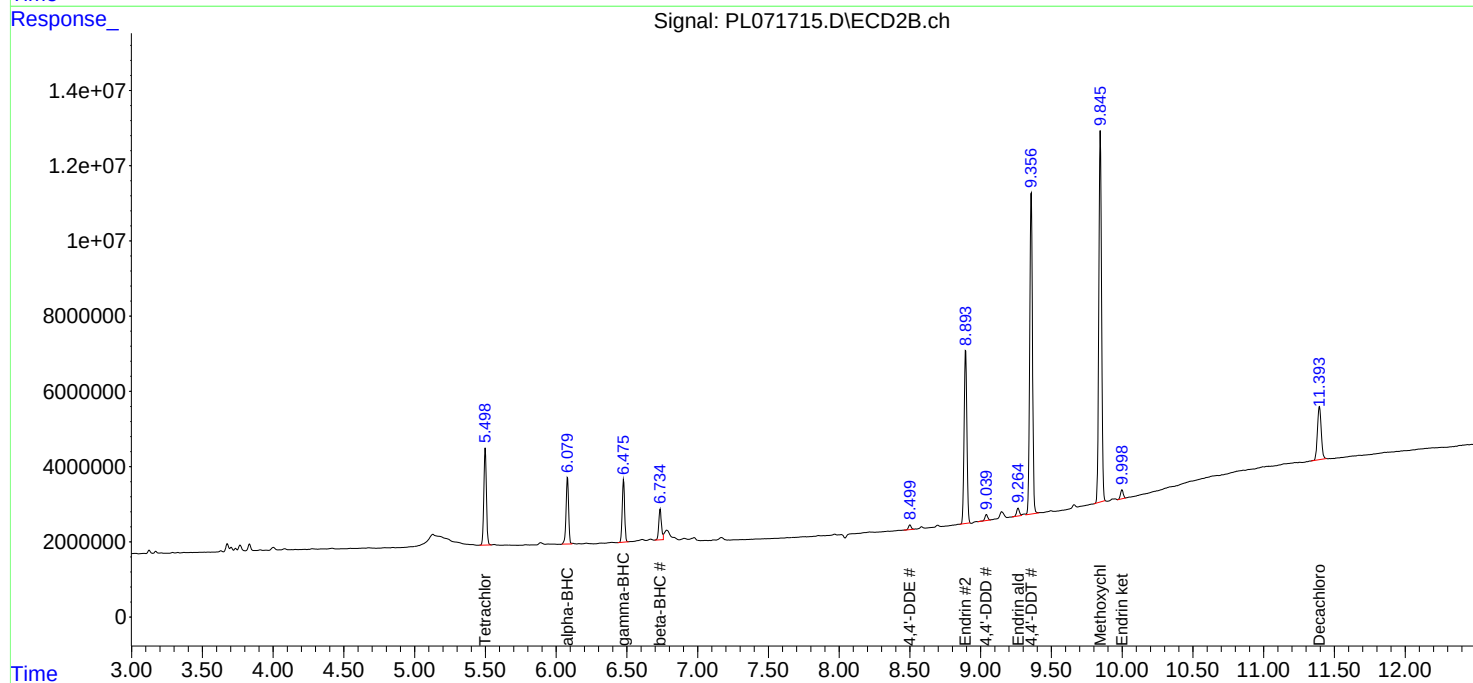
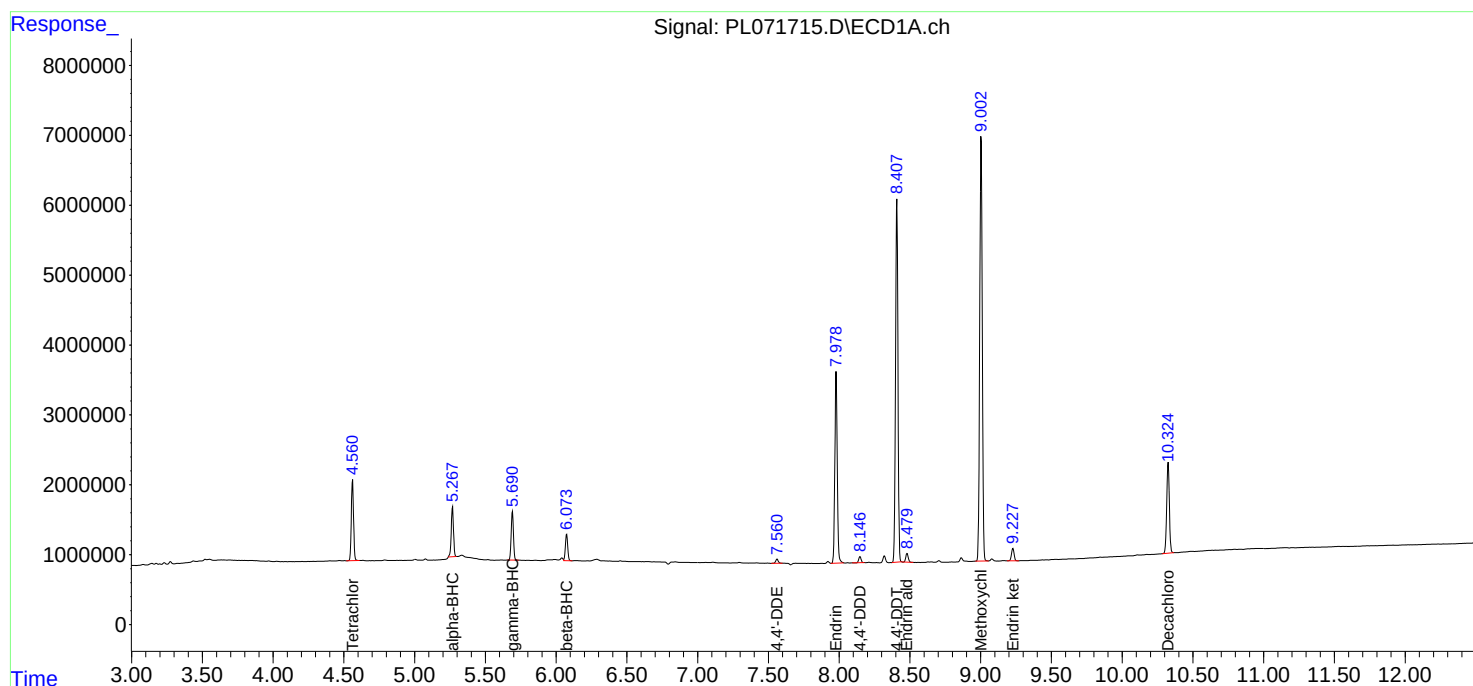
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ECD_L
ClientSampleId :
PEM

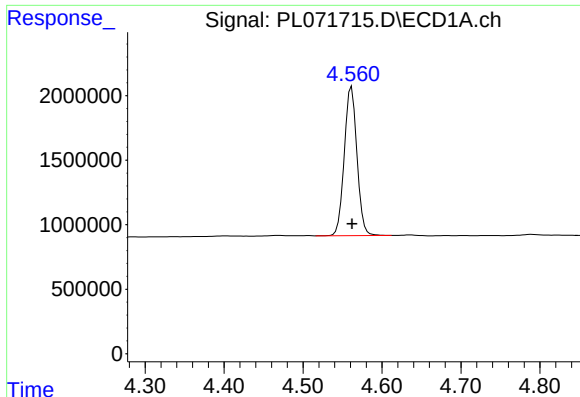
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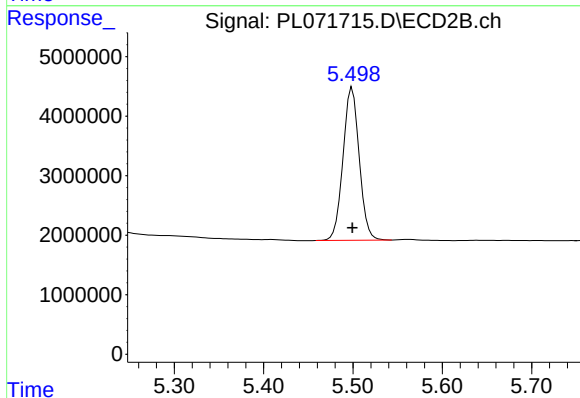
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 12870279
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

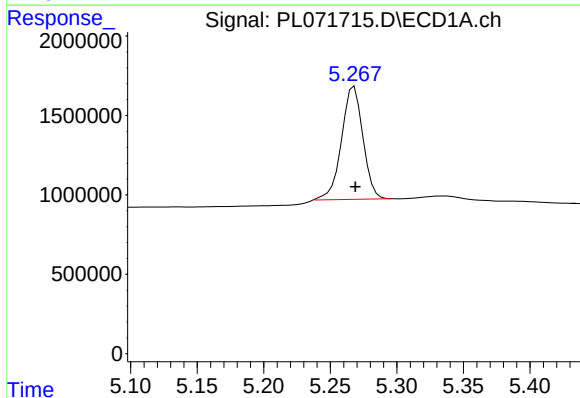
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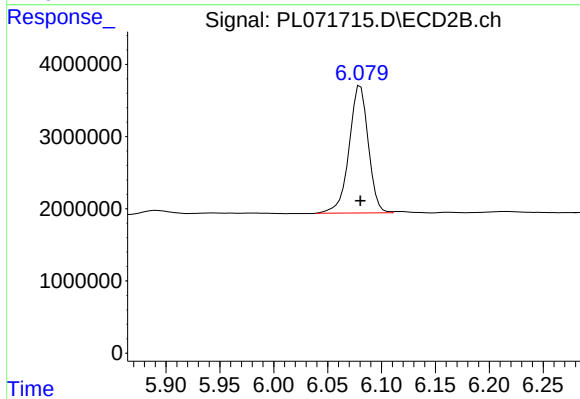
#1 Tetrachloro-m-xylene

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 32376816
Conc: 18.97 ng/ml



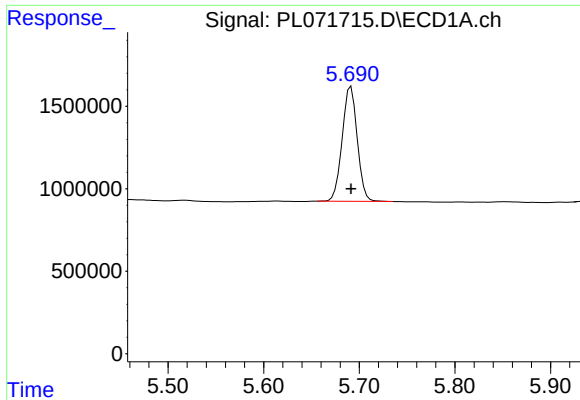
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 7949634
Conc: 8.74 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 21842672
Conc: 8.95 ng/ml



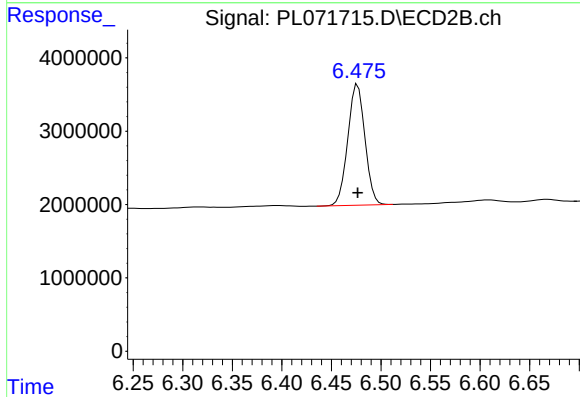
#3 gamma-BHC (Lindane)

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 7623983
Conc: 8.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

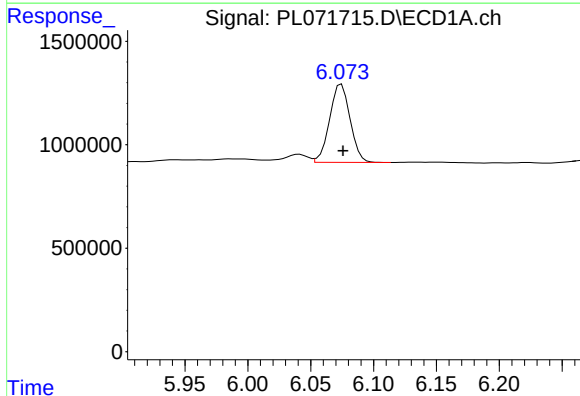
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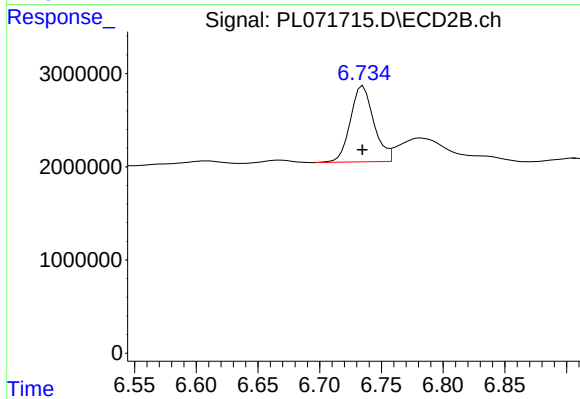
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 19878488
Conc: 8.77 ng/ml



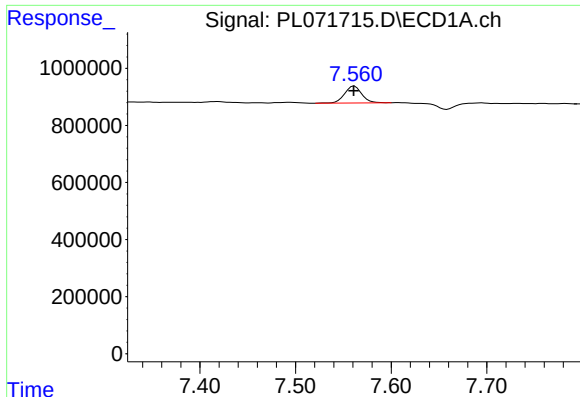
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 4275400
Conc: 11.25 ng/ml



#6 beta-BHC

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 10759296
Conc: 10.45 ng/ml



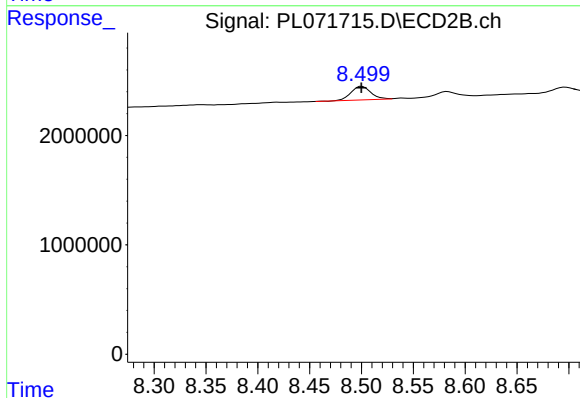
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: 0.000 min
Response: 744186
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

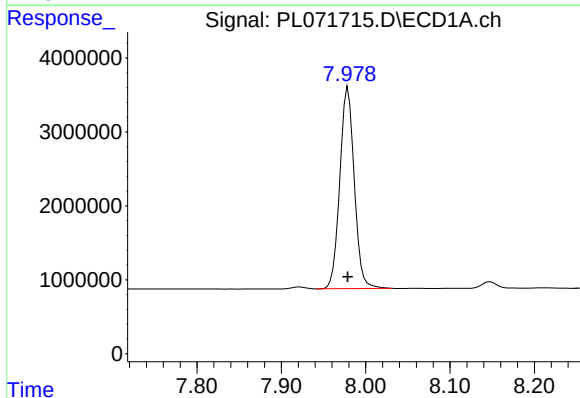
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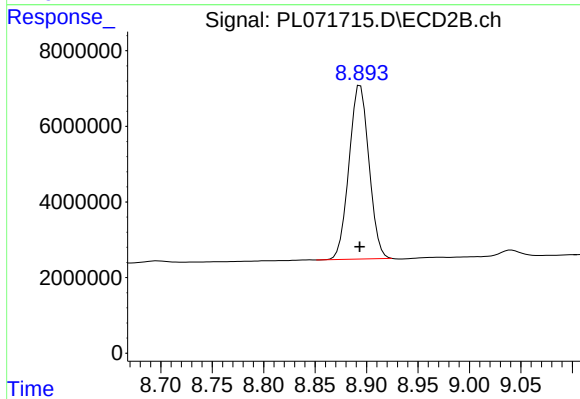
#12 4,4'-DDE

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 1652399
Conc: 0.93 ng/ml



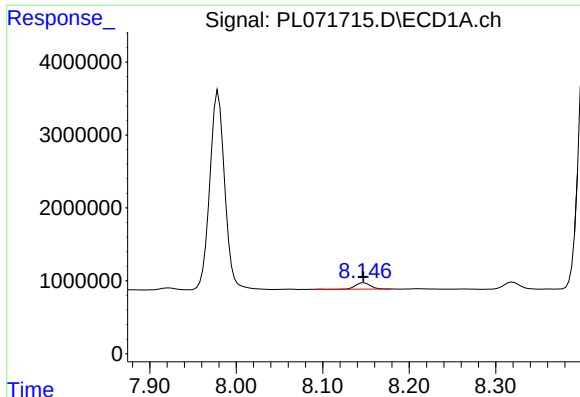
#14 Endrin

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 32463112
Conc: 43.63 ng/ml



#14 Endrin

R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 61970047
Conc: 41.12 ng/ml



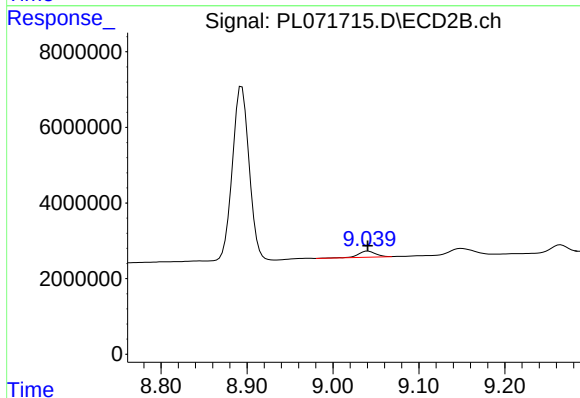
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: 0.000 min
Response: 1022708
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

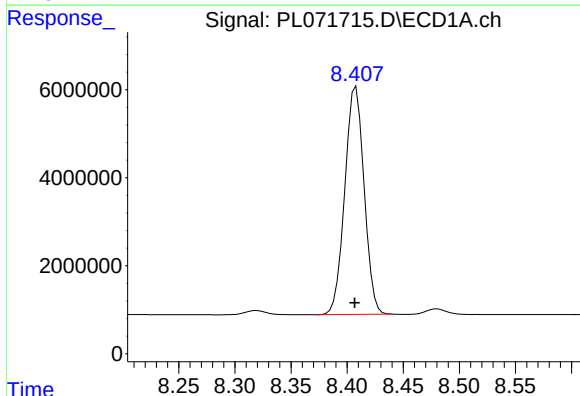
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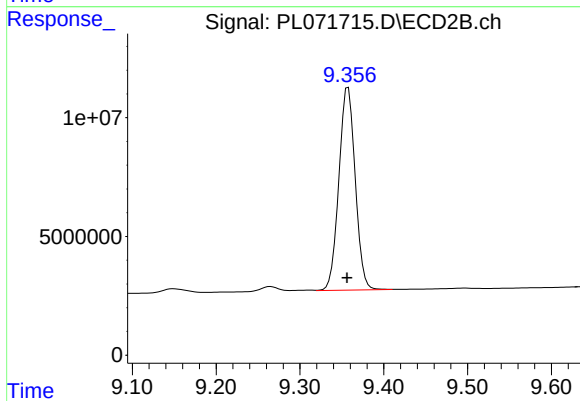
#16 4,4'-DDD

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 2177798
Conc: 1.68 ng/ml



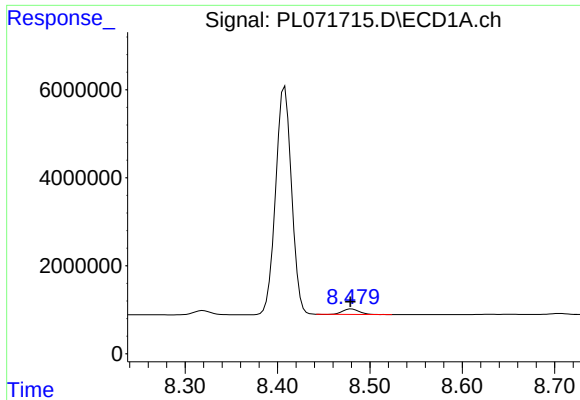
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: 0.001 min
Response: 61965184
Conc: 96.12 ng/ml



#17 4,4'-DDT

R.T.: 9.357 min
Delta R.T.: 0.001 min
Response: 115856230
Conc: 84.86 ng/ml



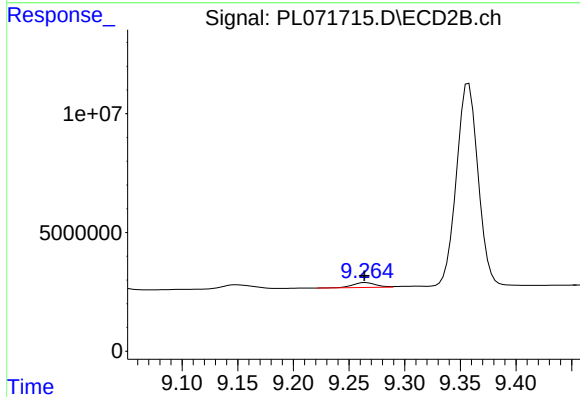
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: 0.001 min
Response: 1510477
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

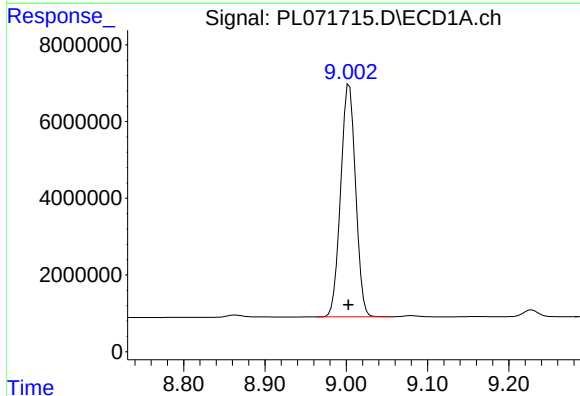
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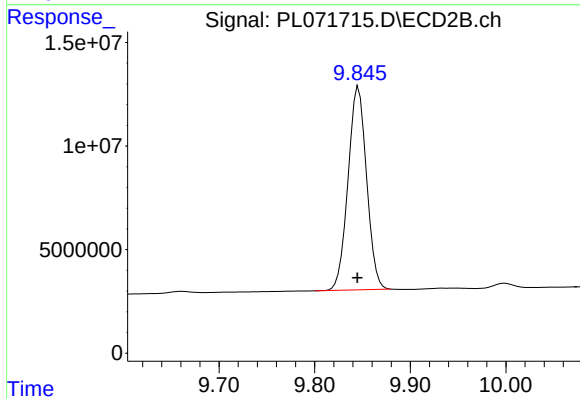
#18 Endrin aldehyde

R.T.: 9.265 min
Delta R.T.: 0.001 min
Response: 2918266
Conc: 2.52 ng/ml



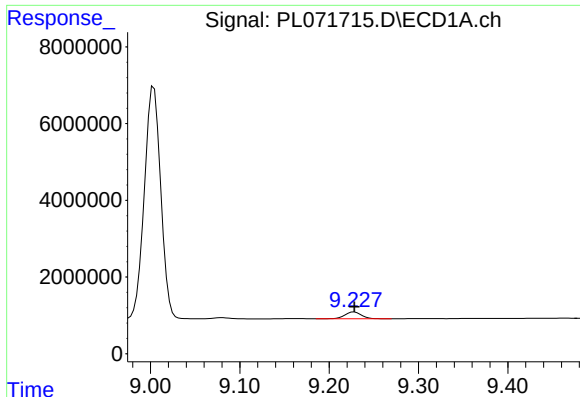
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: 0.001 min
Response: 77127158
Conc: 206.98 ng/ml



#20 Methoxychlor

R.T.: 9.846 min
Delta R.T.: 0.001 min
Response: 132636879
Conc: 204.05 ng/ml



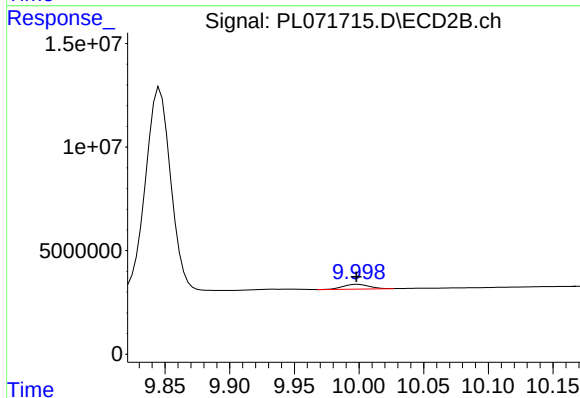
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: 0.000 min
Response: 2260237
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

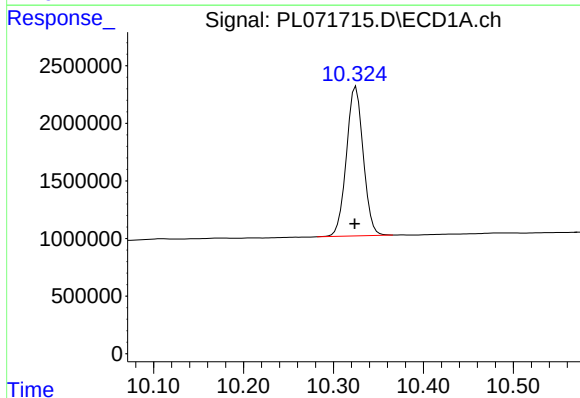
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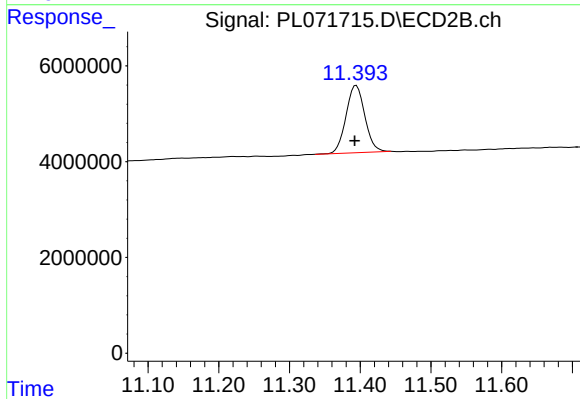
#21 Endrin ketone

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 3278170
Conc: 2.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: 0.001 min
Response: 16798099
Conc: 22.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.394 min
Delta R.T.: 0.002 min
Response: 26084640
Conc: 20.81 ng/ml