

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl042722\
 Data File : PL074411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Apr 2022 18:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/28/2022
 Supervised By : mohammad ahmed 04/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 27 23:28:32 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...	4.634	5.490	7290739	38107841	22.564	21.373
28)	SA Decachlor...	10.405	11.333	12279764	41461326	23.614m	23.474
Target Compounds							
2)	A alpha-BHC	5.341	6.052	4310808	23896007	10.272	9.490
3)	MA gamma-BHC...	5.765	6.442	4302897	23282342	10.260	9.836
6)	B beta-BHC	6.146	6.679	2505465	12910657	12.262	11.456
12)	B 4,4'-DDE	7.640	8.463	186196	705474	0.510	0.354 #
14)	MA Endrin	8.058	8.846	20930617	93726245	51.524	55.339
16)	A 4,4'-DDD	8.224	8.989	2745614	16771506	8.502	10.900 #
17)	MA 4,4'-DDT	8.486	9.307	35525182	163.5E6	96.108	92.209
18)	B Endrin al...	8.559	9.204	502361	1043817	1.553	0.808 #
20)	A Methoxychlor	9.081	9.787	53157449	210.0E6	214.113	218.334
21)	B Endrin ke...	9.307	9.929	1773259	5580600	3.630	3.224

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

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Acq On : 27 Apr 2022 18:41
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

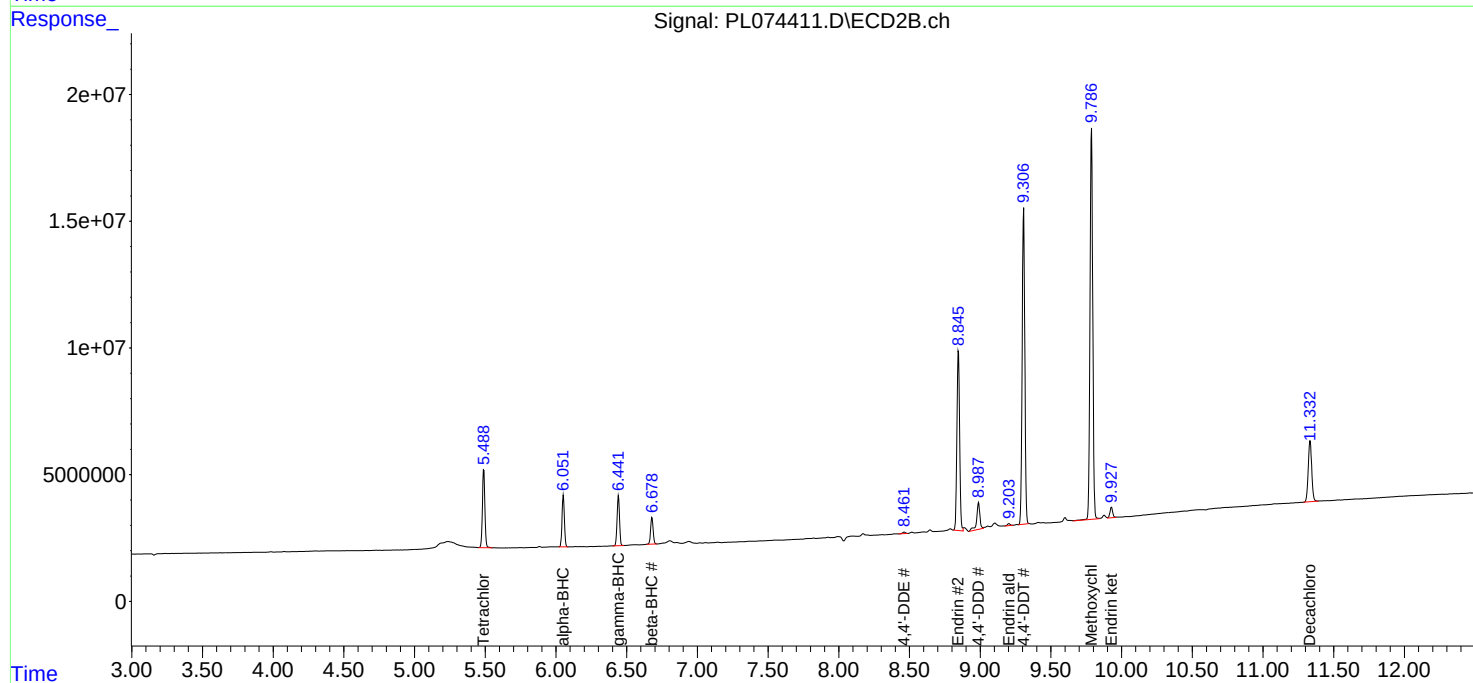
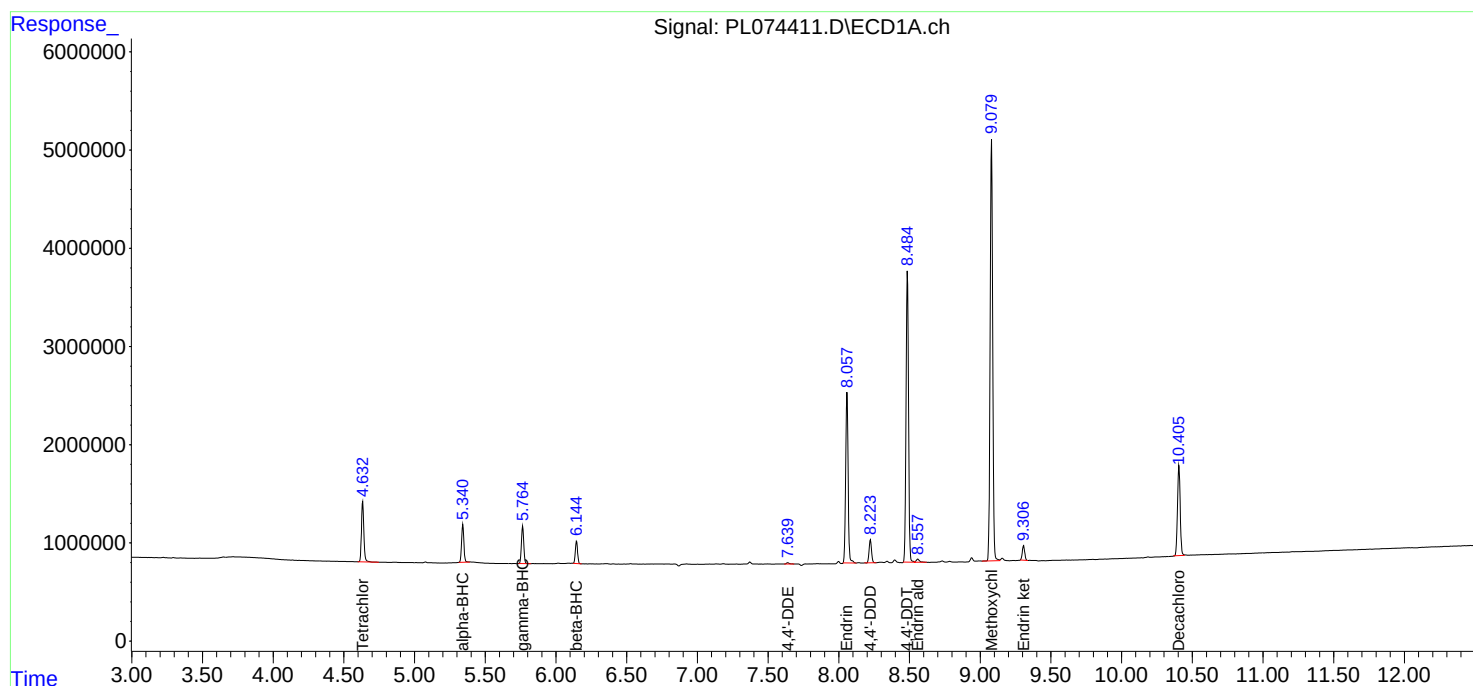
Instrument :
ECD_L
ClientSampleId :
PEM

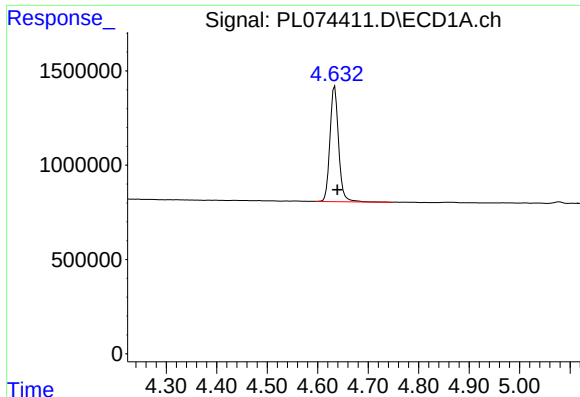
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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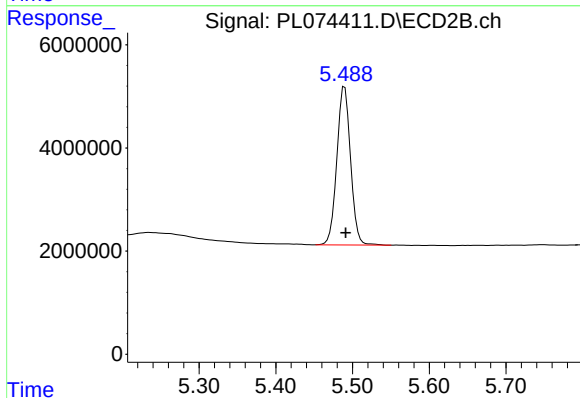
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 7290739
Conc: 22.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

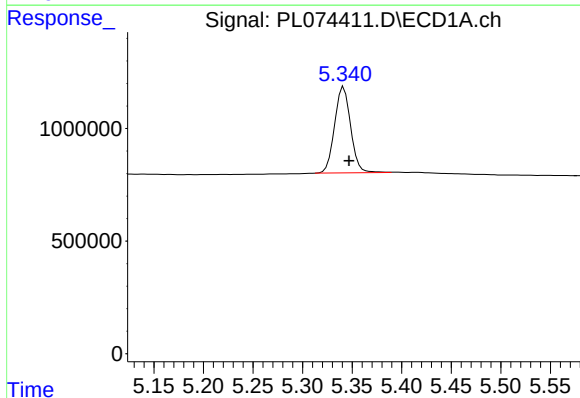
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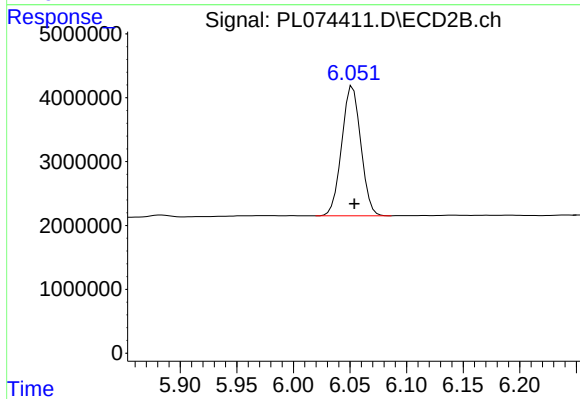
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 38107841
Conc: 21.37 ng/ml



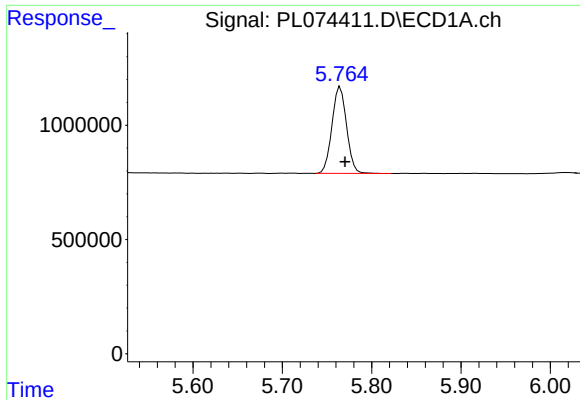
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 4310808
Conc: 10.27 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 23896007
Conc: 9.49 ng/ml



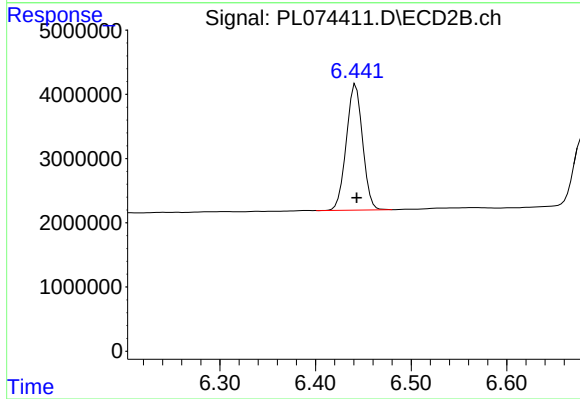
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 4302897
Conc: 10.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

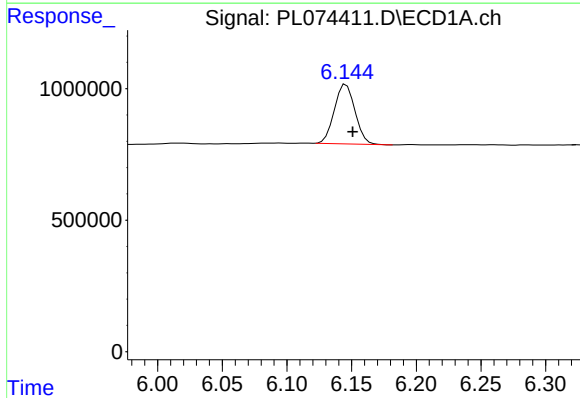
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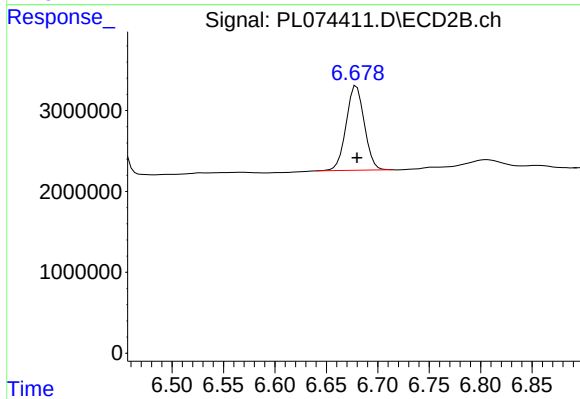
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 23282342
Conc: 9.84 ng/ml



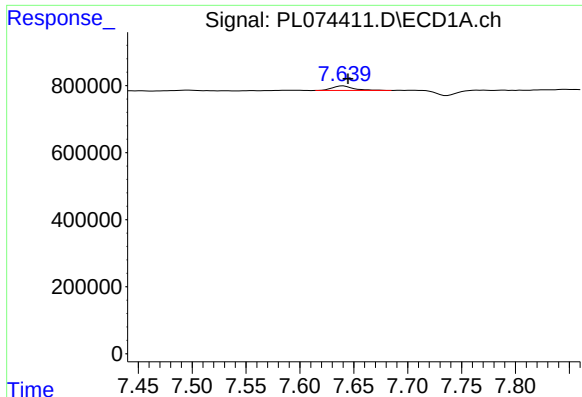
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 2505465
Conc: 12.26 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12910657
Conc: 11.46 ng/ml



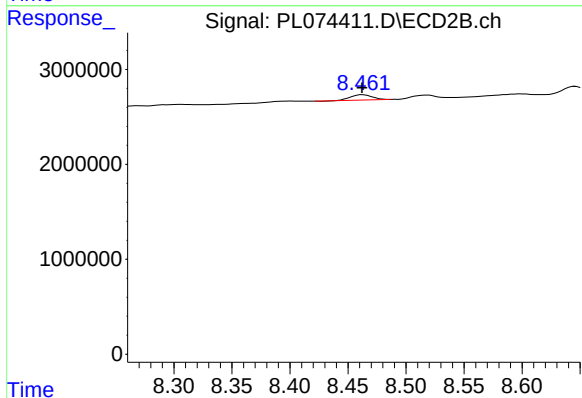
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 186196
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

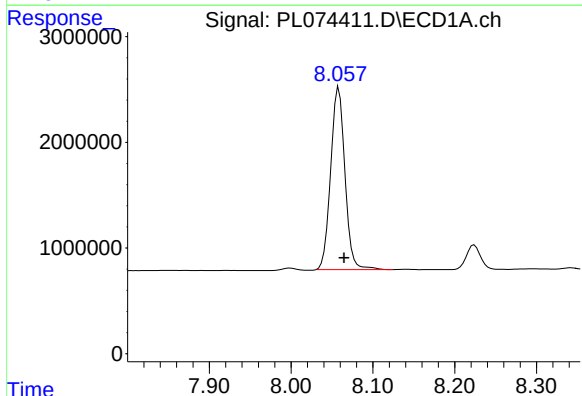
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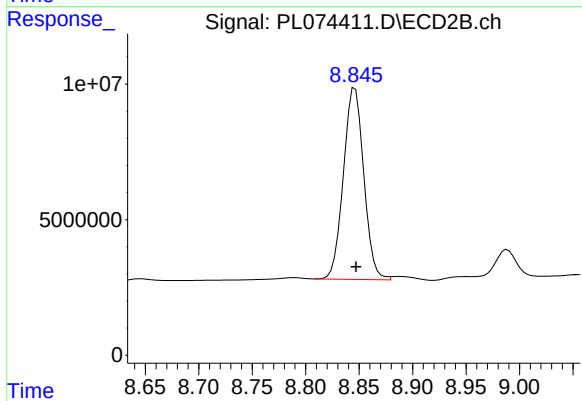
#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 705474
Conc: 0.35 ng/ml



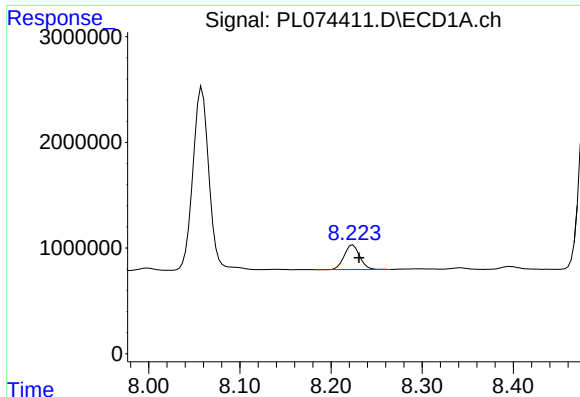
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 20930617
Conc: 51.52 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 93726245
Conc: 55.34 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 2745614
Conc: 8.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#16 4,4'-DDD

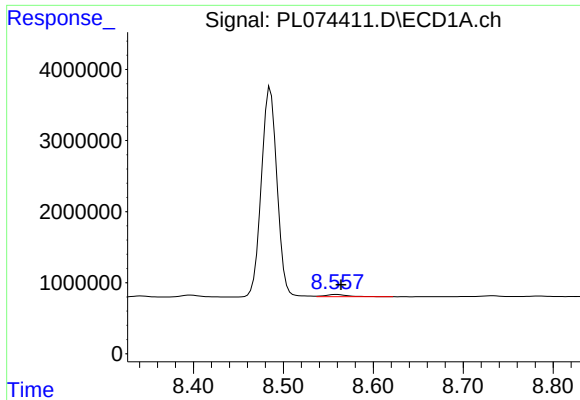
R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 16771506
Conc: 10.90 ng/ml

#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.007 min
Response: 35525182
Conc: 96.11 ng/ml

#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.001 min
Response: 163455221
Conc: 92.21 ng/ml



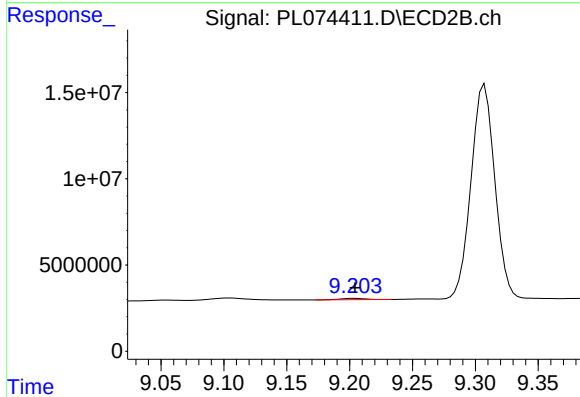
#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.006 min
Response: 502361
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

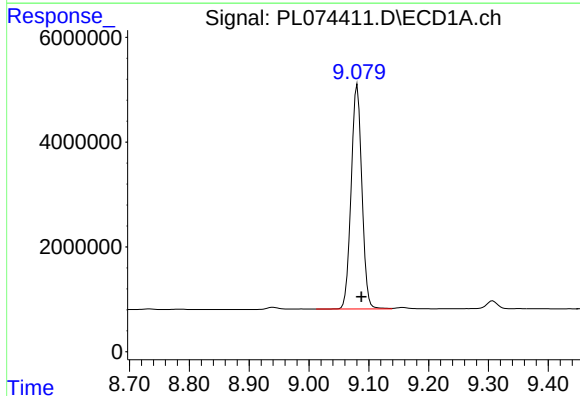
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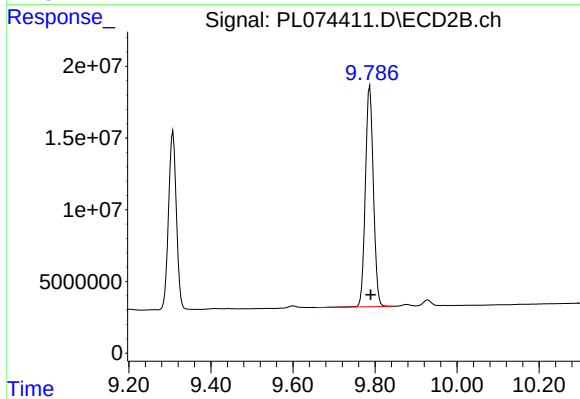
#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 1043817
Conc: 0.81 ng/ml



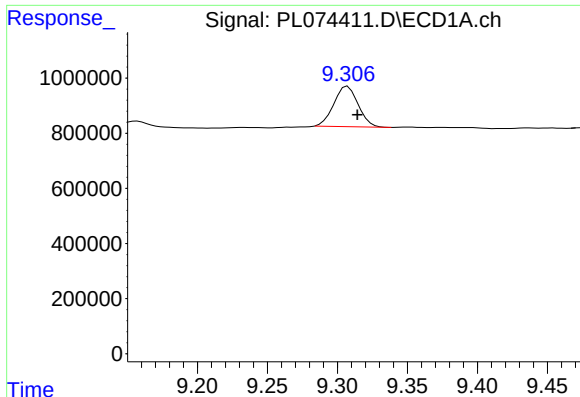
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 53157449
Conc: 214.11 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 210003318
Conc: 218.33 ng/ml



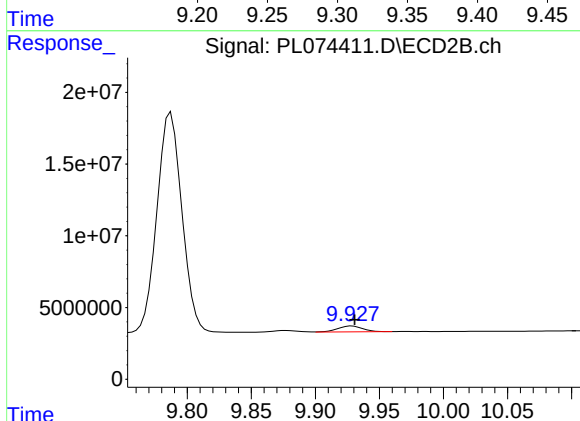
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 1773259
Conc: 3.63 ng/ml

Instrument :
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ClientSampleId :
PEM

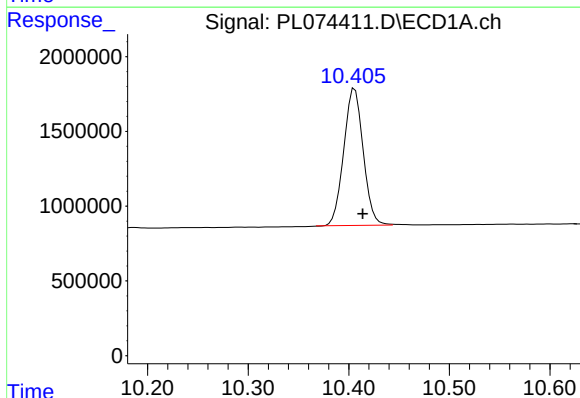
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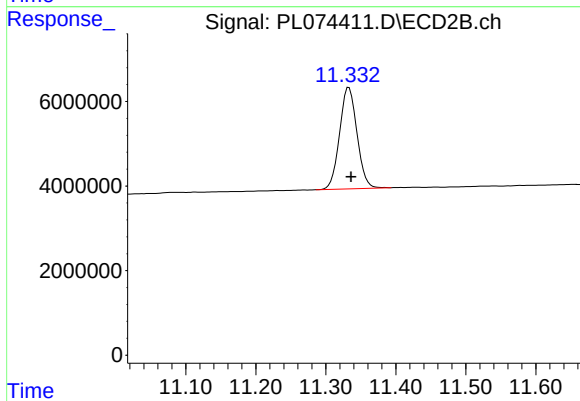
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 5580600
Conc: 3.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.009 min
Response: 12279764
Conc: 23.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 41461326
Conc: 23.47 ng/ml