

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 21:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:34:48 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...	4.641	5.492	6856623	36238041	21.408	22.080
28)	SA Decachlor...	10.415	11.330	11418813	39482416	22.456	22.080
Target Compounds							
2)	A alpha-BHC	5.349	6.054	4156092	22140877	10.083	9.842
3)	MA gamma-BHC...	5.772	6.443	4193409	21527937	10.053	10.083
6)	B beta-BHC	6.152	6.679	2572757	12636023	12.495	12.122
12)	B 4,4'-DDE	7.647	8.462	134486	549118	0.375	0.306
14)	MA Endrin	8.066	8.846	22524993	85442475	58.053	55.503
16)	A 4,4'-DDD	8.234	8.987	465098	1261313	1.432	0.864m#
17)	MA 4,4'-DDT	8.494	9.307	39060622	163.2E6	103.285	99.873
18)	B Endrin al...	8.569	9.200	200824	414397	0.635m	0.338m#
20)	A Methoxychlor	9.090	9.786	56859731	207.7E6	221.646	230.450
21)	B Endrin ke...	9.315	9.927	477181	799638	0.975	0.484 #

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

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Acq On : 23 Mar 2022 21:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

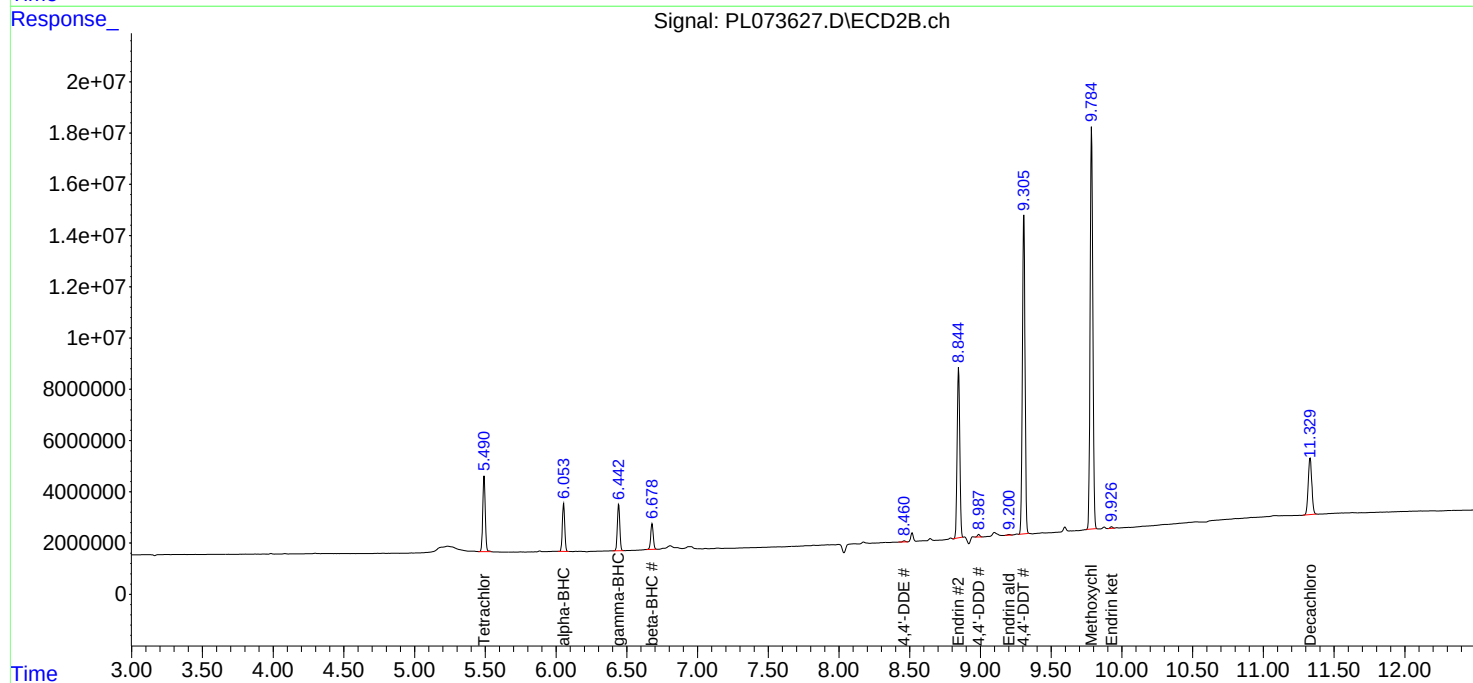
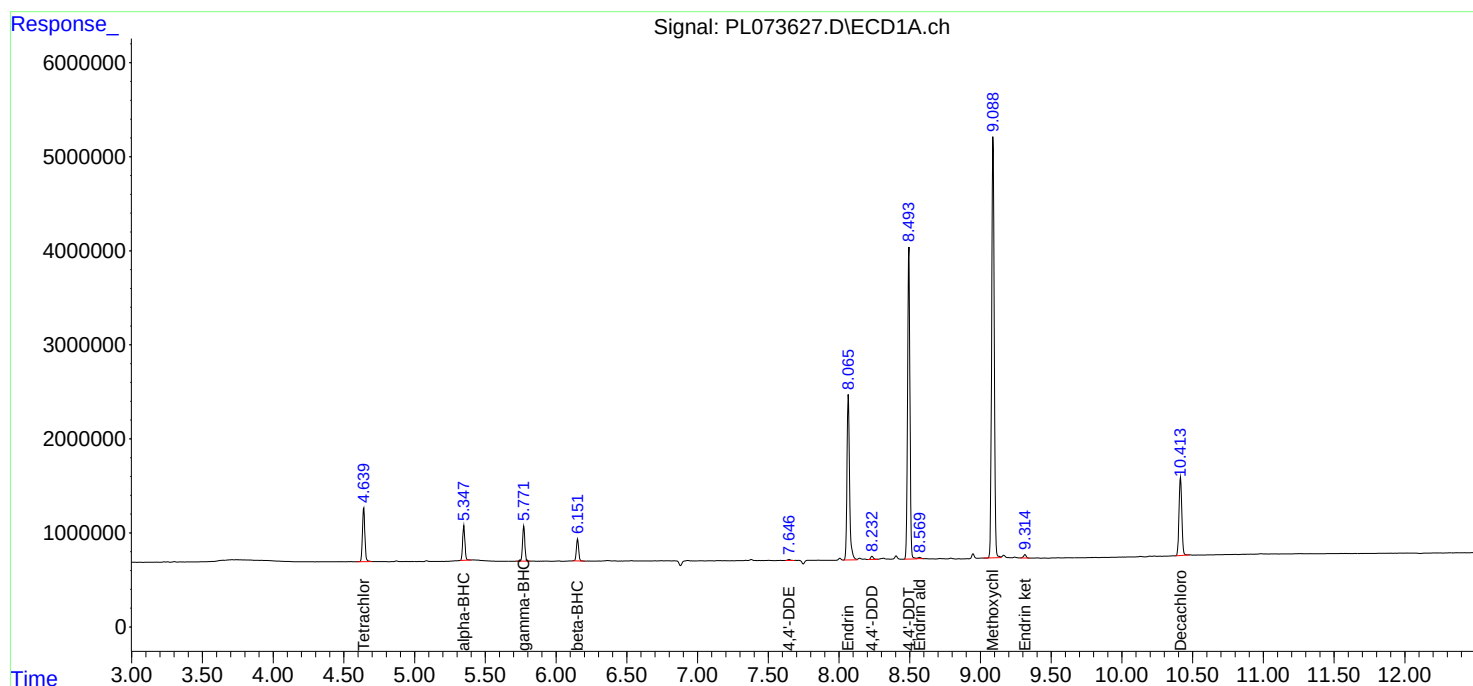
Instrument :
ECD_L
ClientSampleId :
PEM

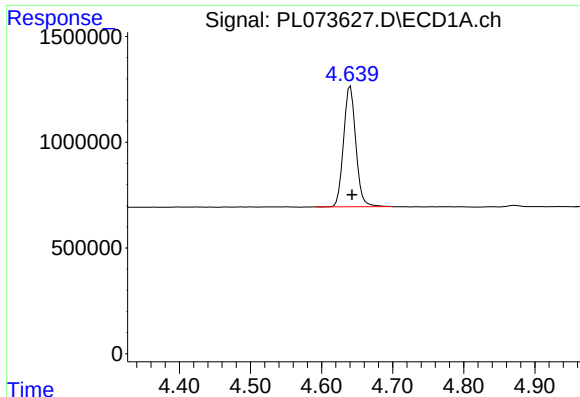
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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Volume Inj. : 1 µl
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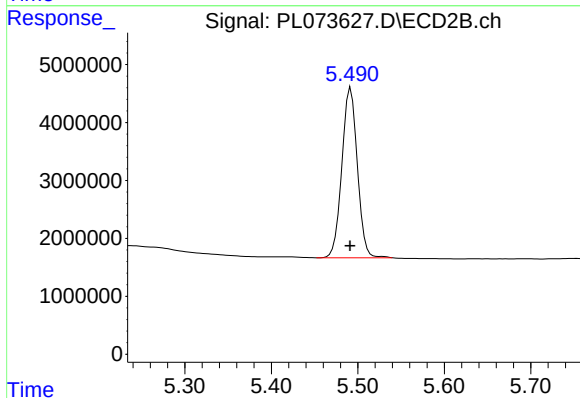
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6856623
Conc: 21.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

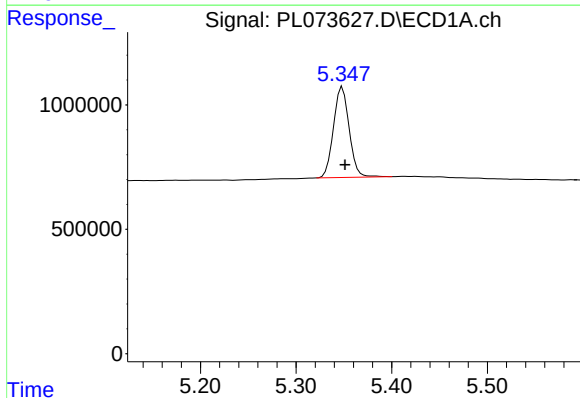
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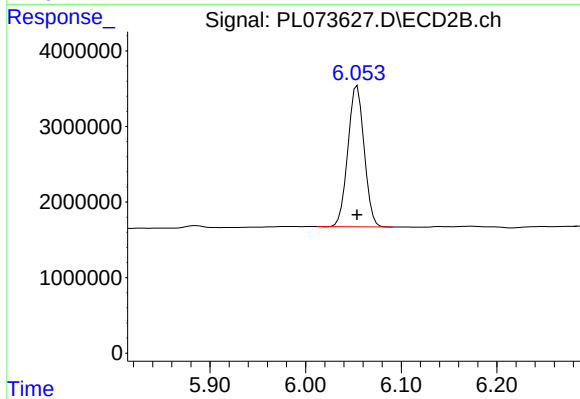
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 36238041
Conc: 22.08 ng/ml



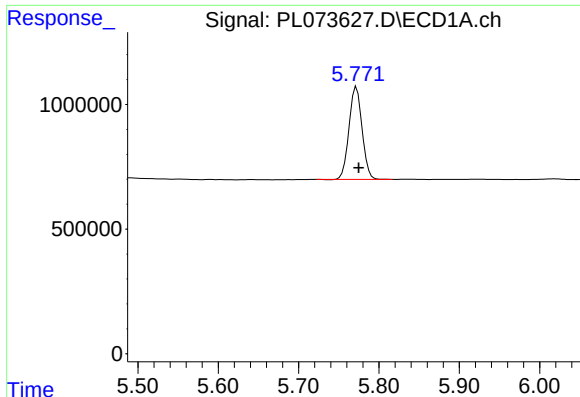
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 4156092
Conc: 10.08 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 22140877
Conc: 9.84 ng/ml



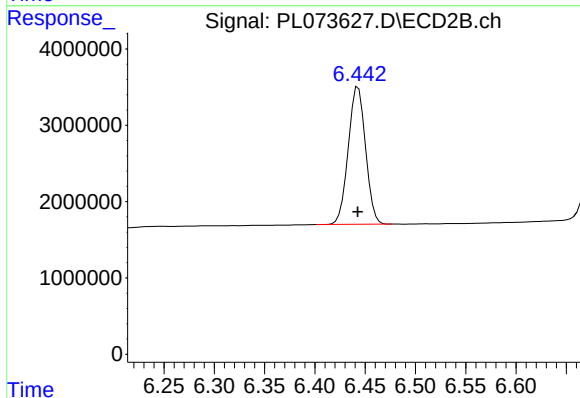
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 4193409
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

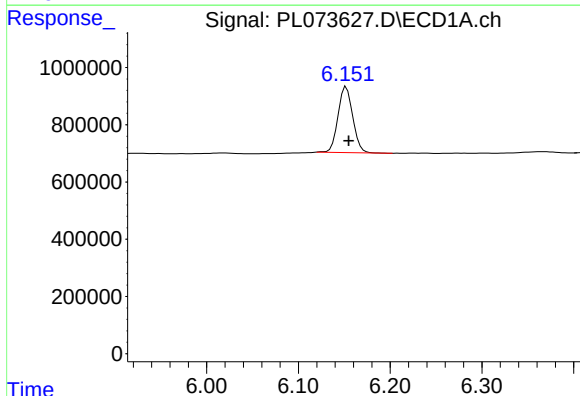
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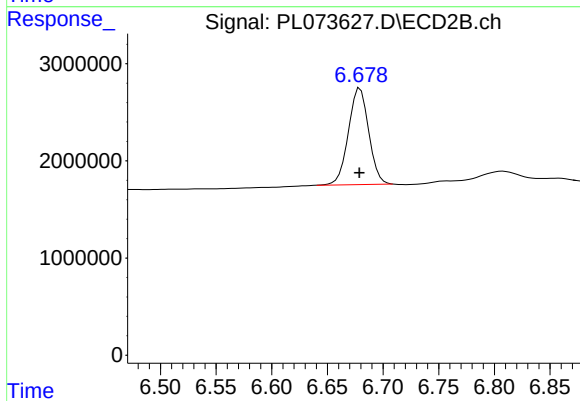
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 21527937
Conc: 10.08 ng/ml



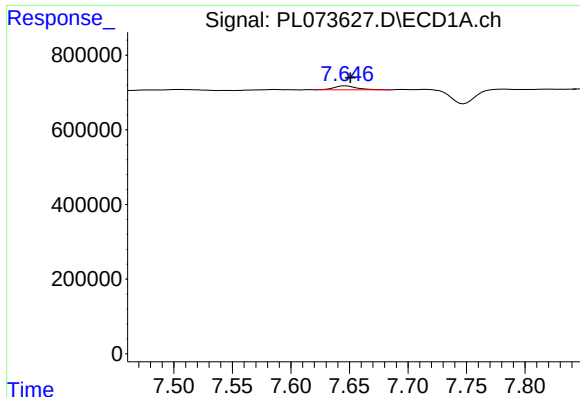
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 2572757
Conc: 12.50 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12636023
Conc: 12.12 ng/ml



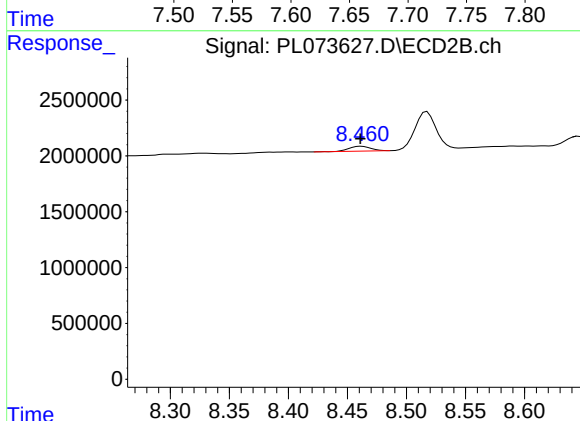
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 134486
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

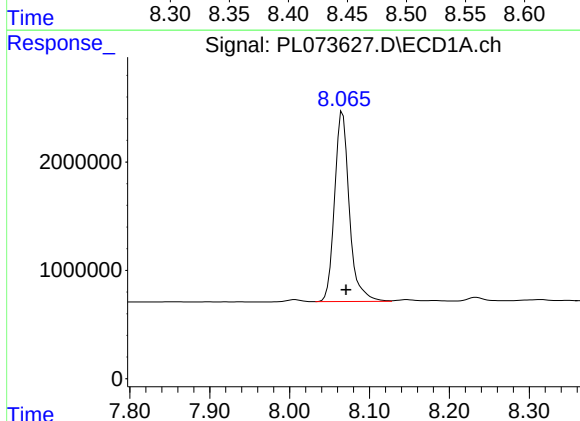
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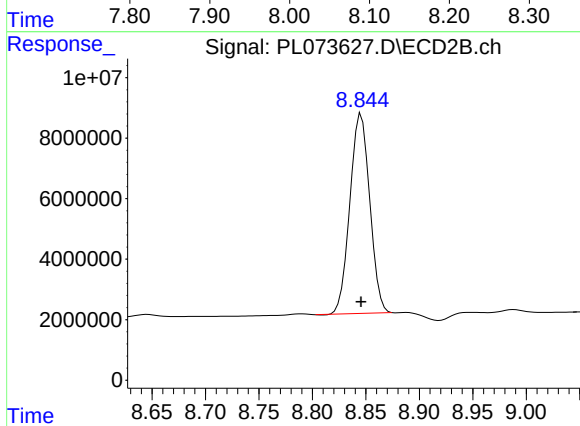
#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 549118
Conc: 0.31 ng/ml



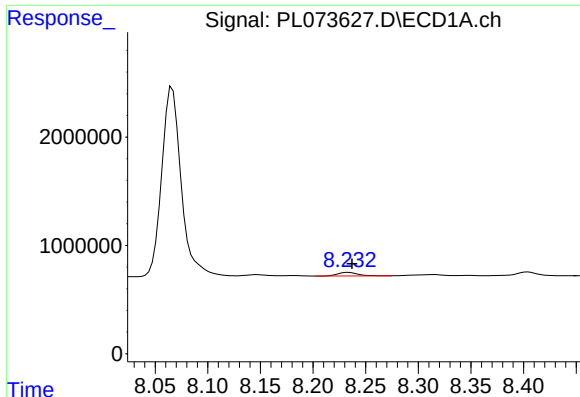
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 22524993
Conc: 58.05 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 85442475
Conc: 55.50 ng/ml



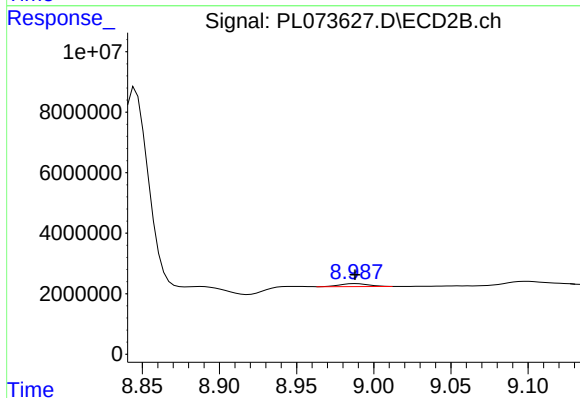
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 465098
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

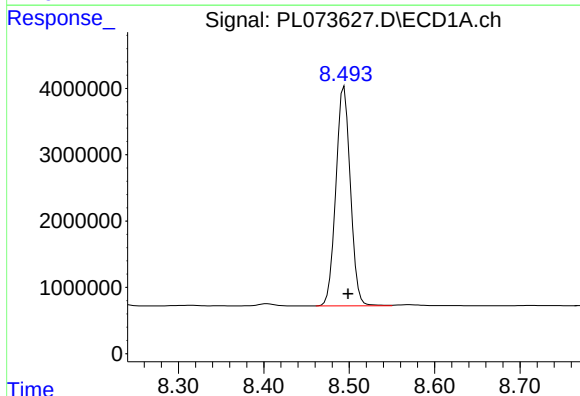
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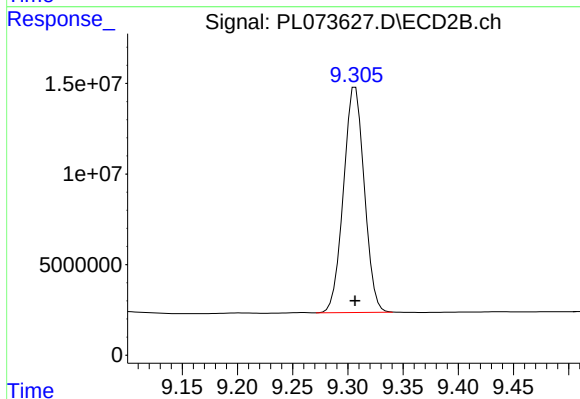
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 1261313
Conc: 0.86 ng/ml m



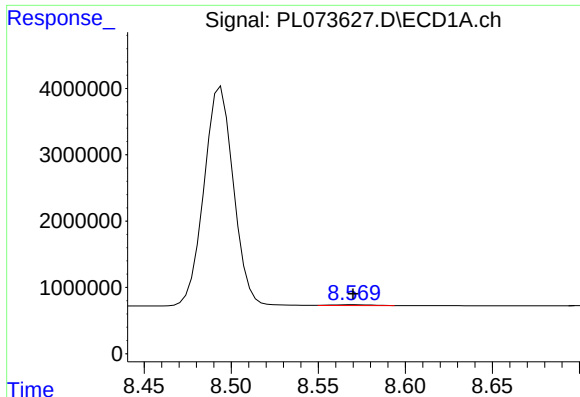
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 39060622
Conc: 103.29 ng/ml



#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 163246110
Conc: 99.87 ng/ml



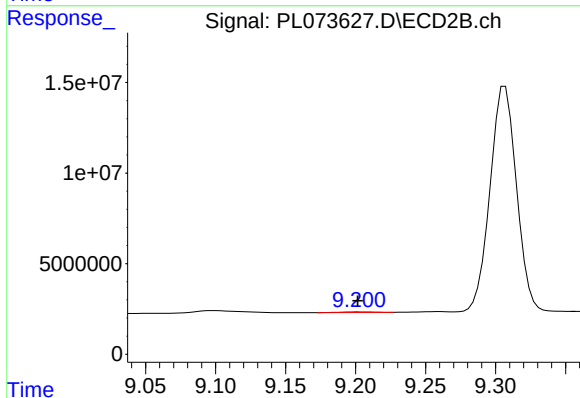
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 200824
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

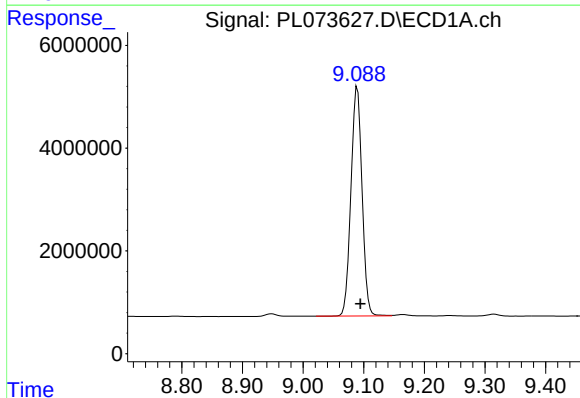
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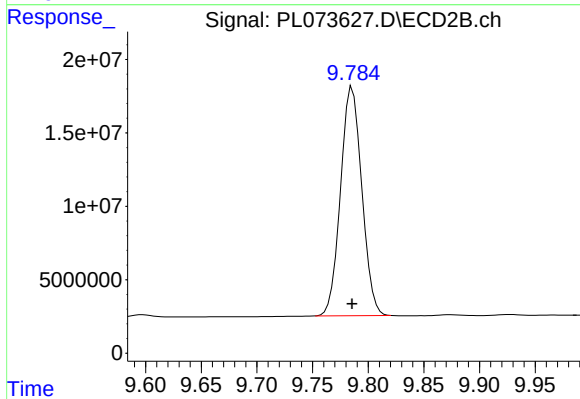
#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.001 min
Response: 414397
Conc: 0.34 ng/ml m



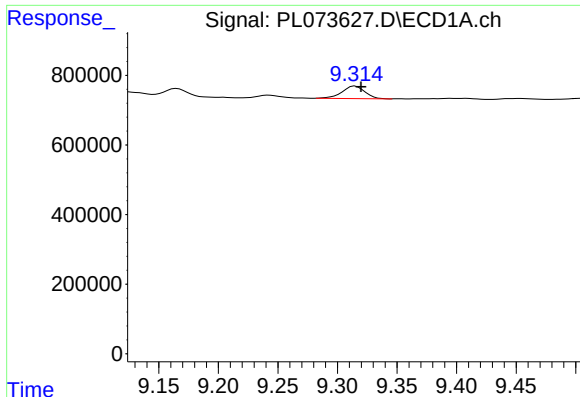
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 56859731
Conc: 221.65 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 207652324
Conc: 230.45 ng/ml



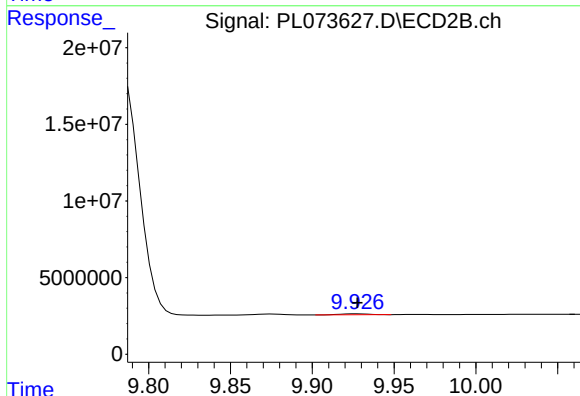
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 477181
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

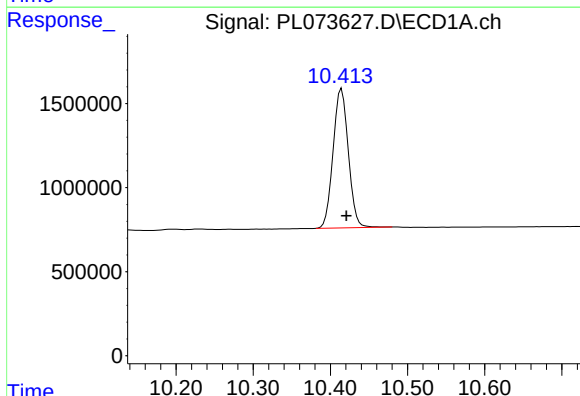
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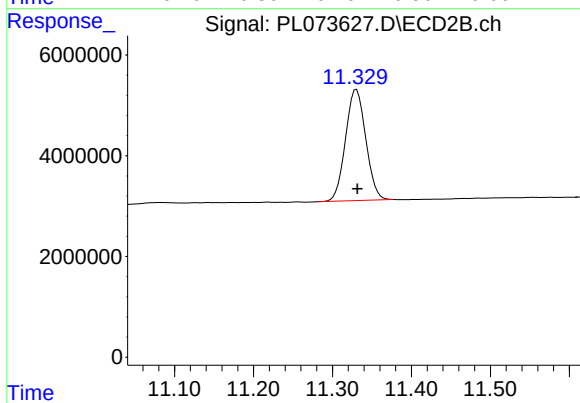
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.000 min
Response: 799638
Conc: 0.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 11418813
Conc: 22.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: 0.000 min
Response: 39482416
Conc: 22.08 ng/ml