

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061423\
 Data File : PL083441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2023 19:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/15/2023
 Supervised By :Ankita Jodhani 06/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 22:41:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.313	2.631	51346109	46979370	17.470	18.096
28)	SA Decachlor...	8.729	7.732	40045807	46606024	19.094	18.743
Target Compounds							
2)	A alpha-BHC	3.762	3.126	35828219	30986966	8.071	8.304
3)	MA gamma-BHC...	4.090	3.451	34613045	28963838	8.355	8.689m
6)	B beta-BHC	4.294	3.753	16919880	14256131	8.987	9.969
12)	B 4,4'-DDE	5.940	5.059	866661	347589	0.314	0.143m#
14)	MA Endrin	6.313	5.462	104.9E6	101.9E6	39.037	40.161m
16)	A 4,4'-DDD	6.458	5.615	8714010	7386869	4.010	3.841
17)	MA 4,4'-DDT	6.769	5.862	198.3E6	188.5E6	79.210	84.512m
18)	B Endrin al...	6.666	5.941	3650723	3824540	1.816	1.934
20)	A Methoxychlor	7.250	6.442	260.6E6	248.6E6	197.105	195.442
21)	B Endrin ke...	7.379	6.666	6965943	8619375	2.731	3.188

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

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Acq On : 14 Jun 2023 19:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

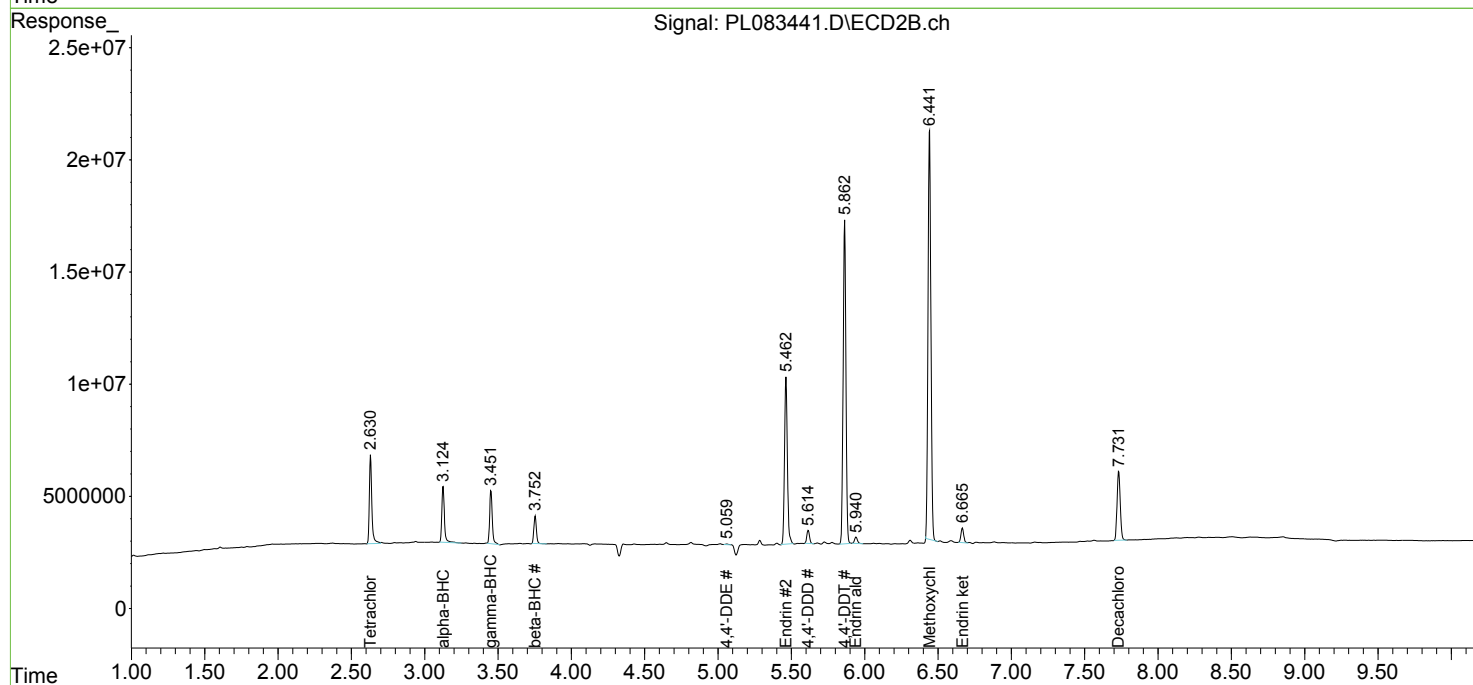
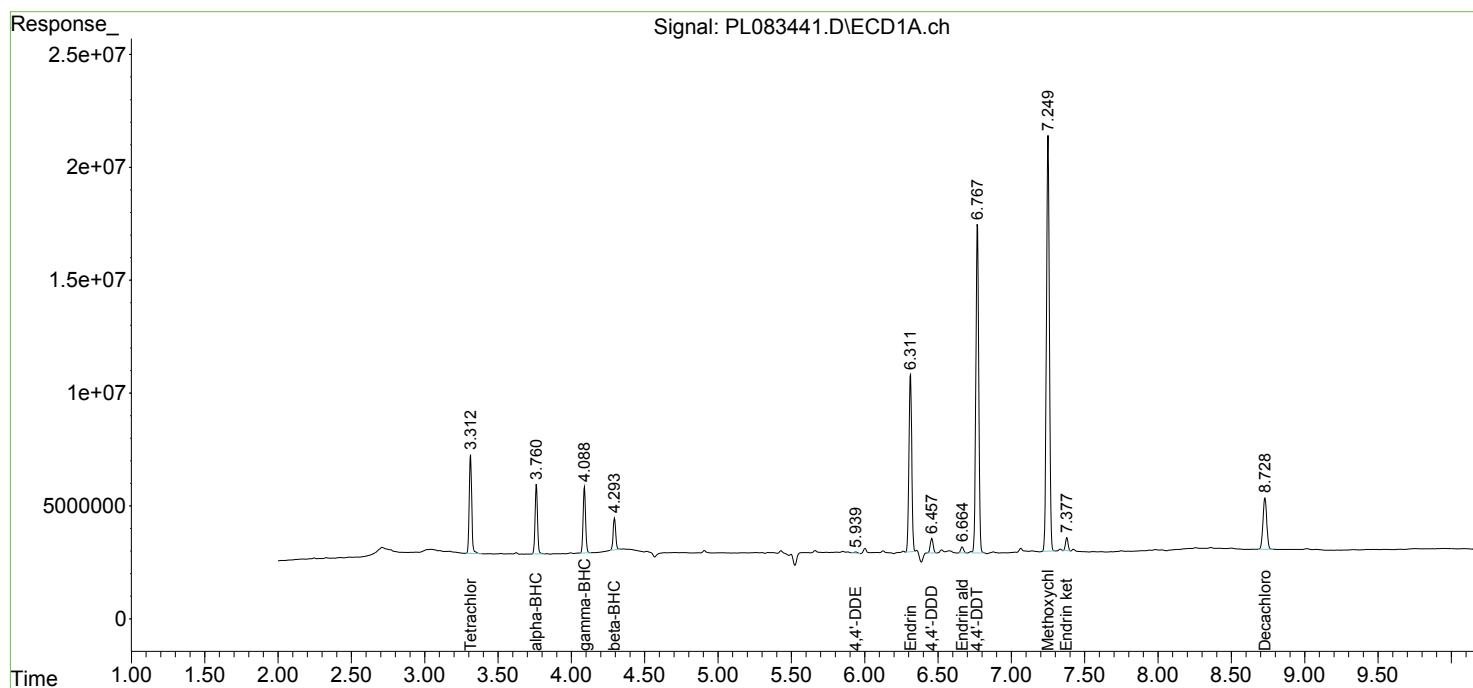
Instrument :
ECD_L
ClientSampleId :
PEM

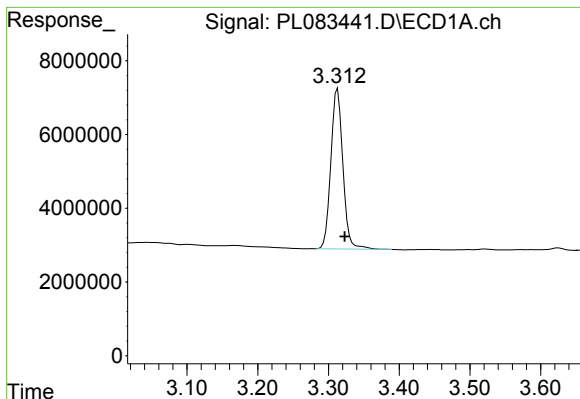
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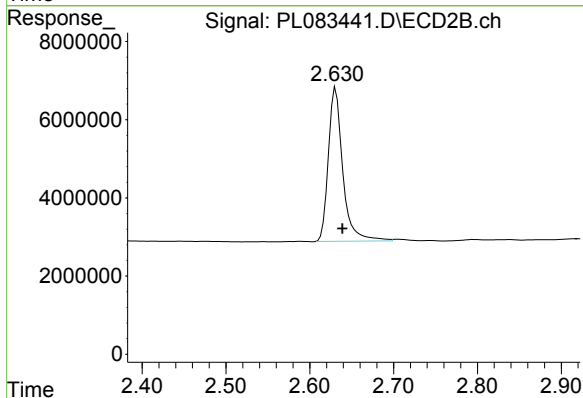
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 51346109
Conc: 17.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

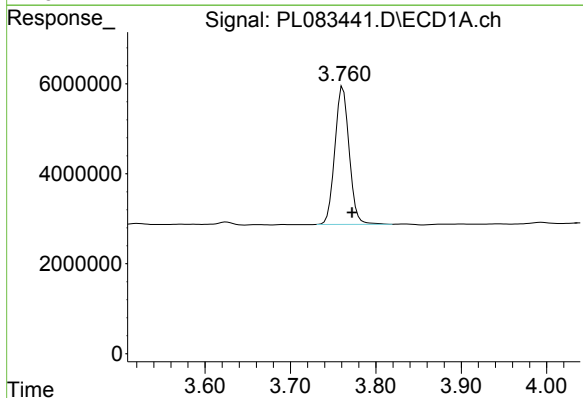
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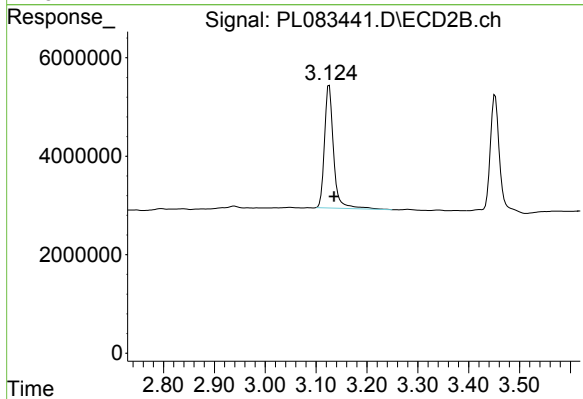
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: -0.008 min
Response: 46979370
Conc: 18.10 ng/ml



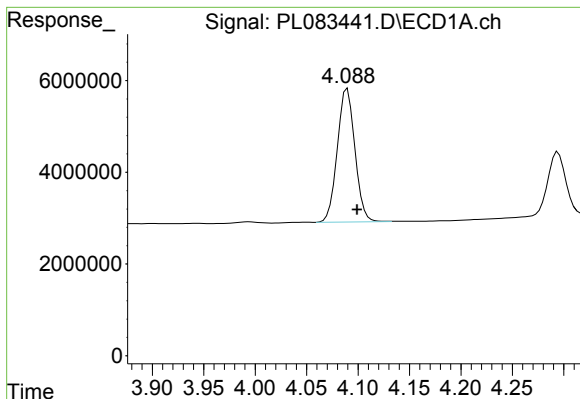
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 35828219
Conc: 8.07 ng/ml



#2 alpha-BHC

R.T.: 3.126 min
Delta R.T.: -0.009 min
Response: 30986966
Conc: 8.30 ng/ml



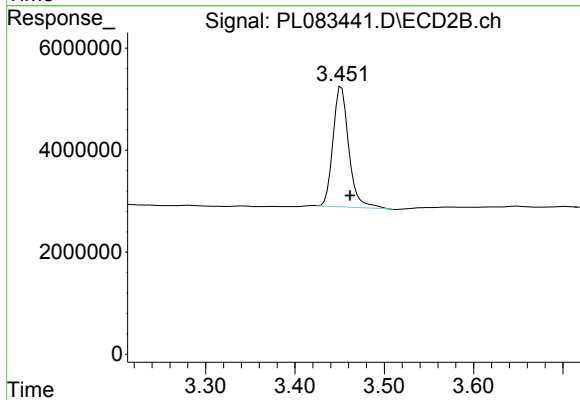
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 34613045
Conc: 8.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

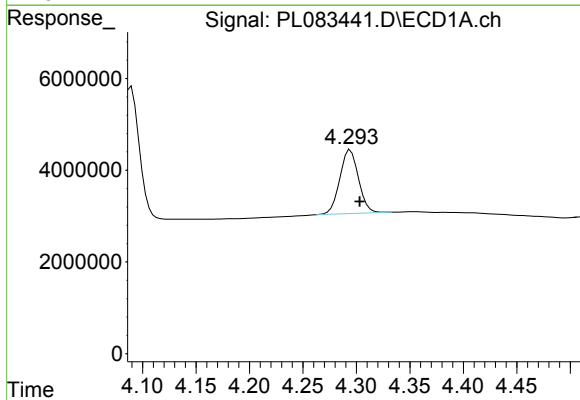
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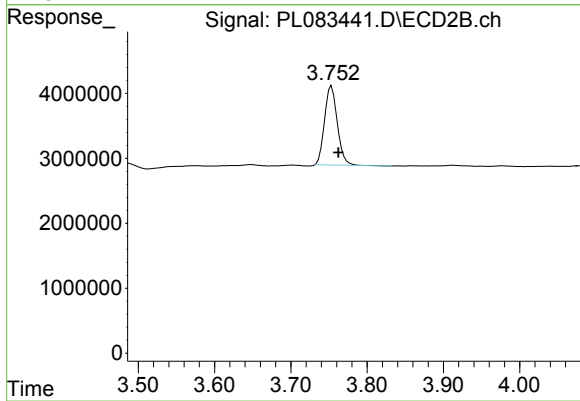
#3 gamma-BHC (Lindane)

R.T.: 3.451 min
Delta R.T.: -0.011 min
Response: 28963838
Conc: 8.69 ng/ml m



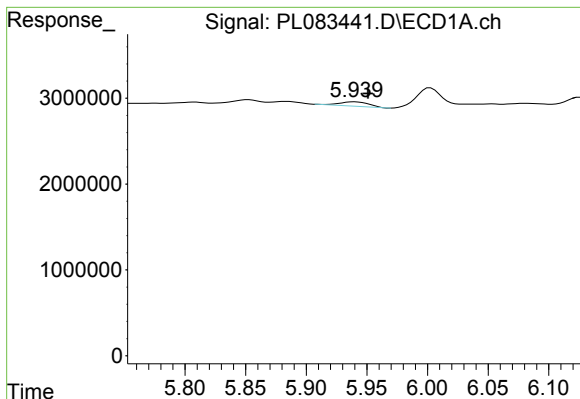
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 16919880
Conc: 8.99 ng/ml



#6 beta-BHC

R.T.: 3.753 min
Delta R.T.: -0.009 min
Response: 14256131
Conc: 9.97 ng/ml



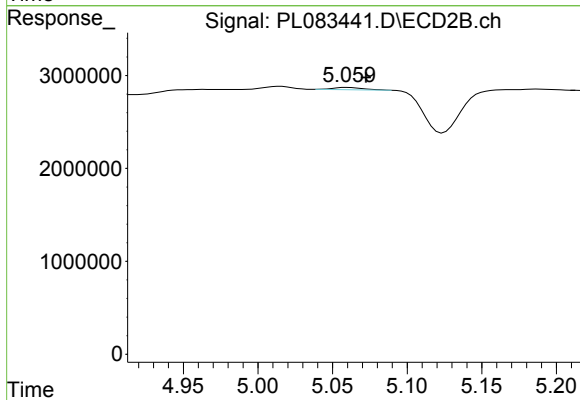
#12 4,4'-DDE

R.T.: 5.940 min
Delta R.T.: -0.011 min
Response: 866661
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

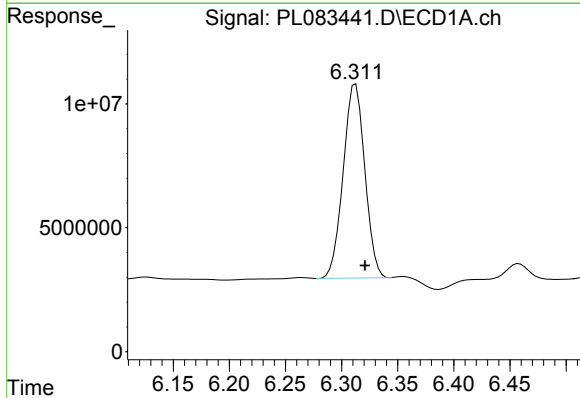
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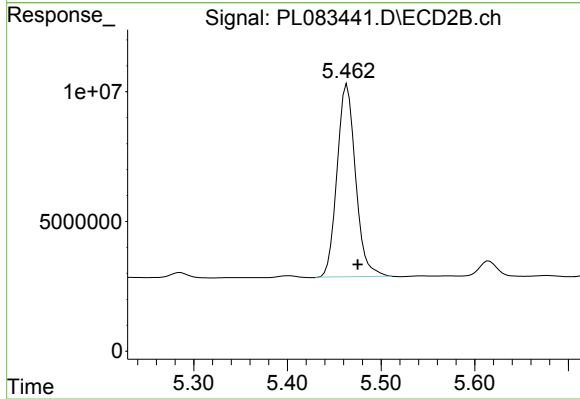
#12 4,4'-DDE

R.T.: 5.059 min
Delta R.T.: -0.013 min
Response: 347589
Conc: 0.14 ng/ml m



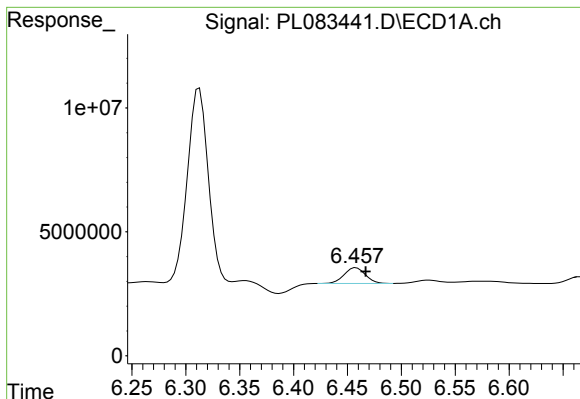
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 104902960
Conc: 39.04 ng/ml



#14 Endrin

R.T.: 5.462 min
Delta R.T.: -0.013 min
Response: 101887783
Conc: 40.16 ng/ml m



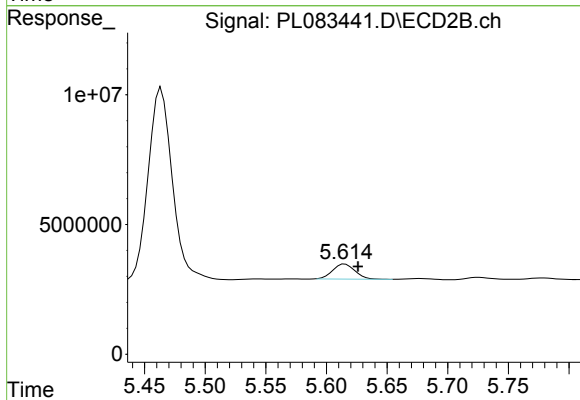
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 8714010
Conc: 4.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

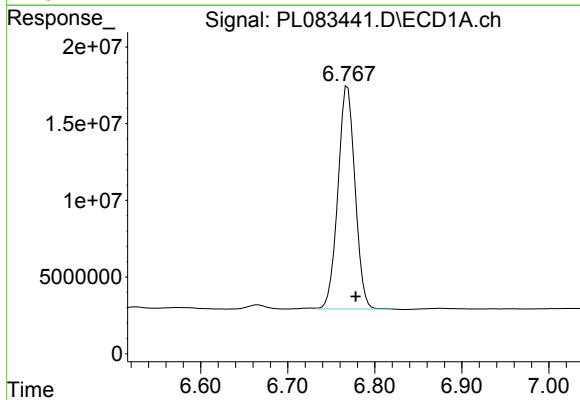
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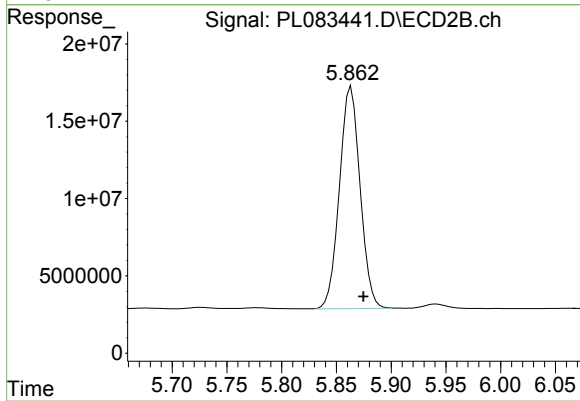
#16 4,4'-DDD

R.T.: 5.615 min
Delta R.T.: -0.011 min
Response: 7386869
Conc: 3.84 ng/ml



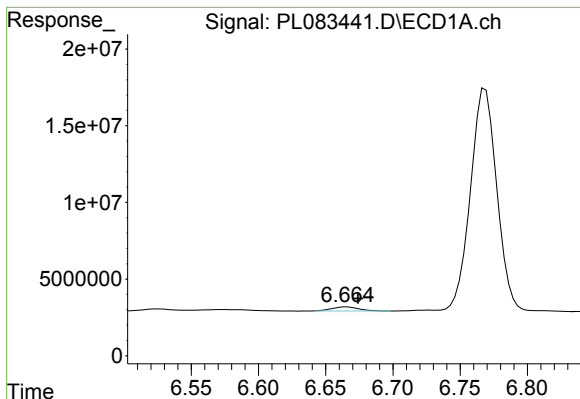
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 198275820
Conc: 79.21 ng/ml



#17 4,4'-DDT

R.T.: 5.862 min
Delta R.T.: -0.013 min
Response: 188548465
Conc: 84.51 ng/ml m



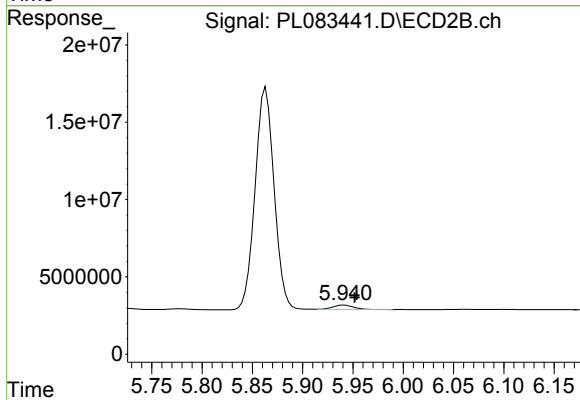
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 3650723
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

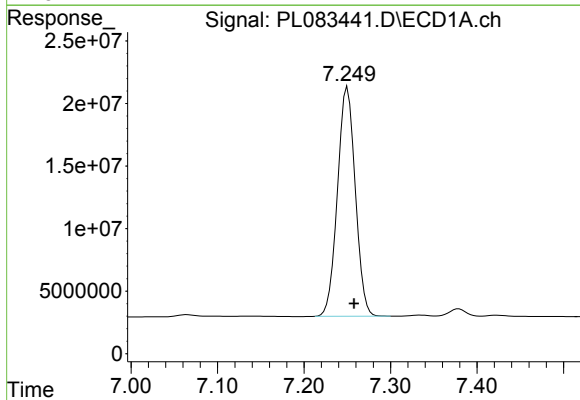
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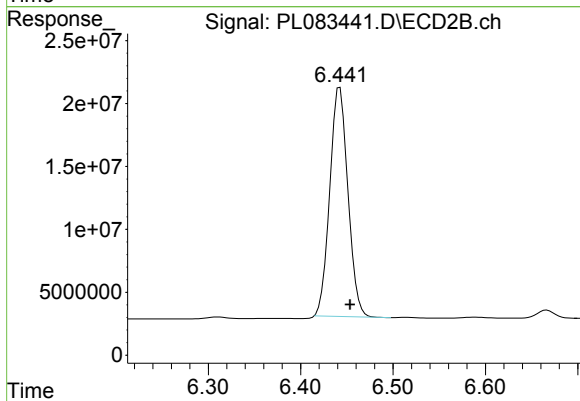
#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 3824540
Conc: 1.93 ng/ml



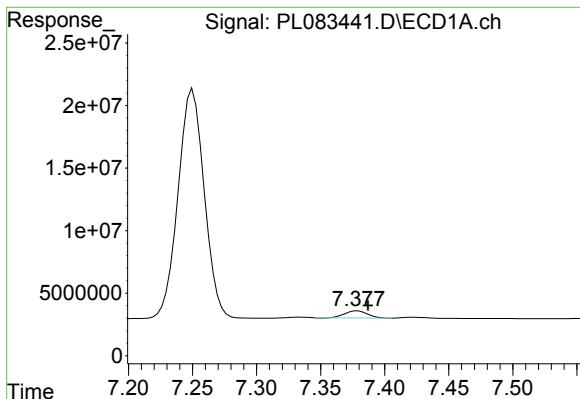
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 260647722
Conc: 197.11 ng/ml



#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: -0.011 min
Response: 248552530
Conc: 195.44 ng/ml



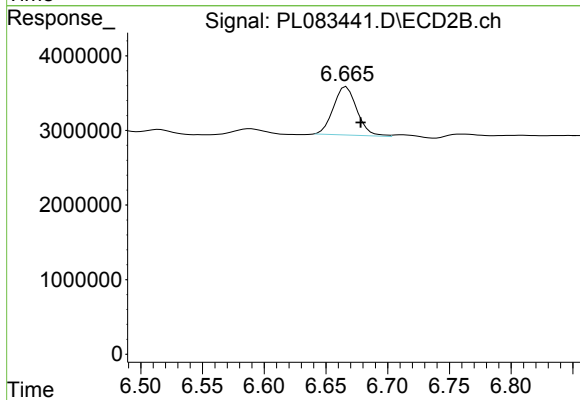
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 6965943
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

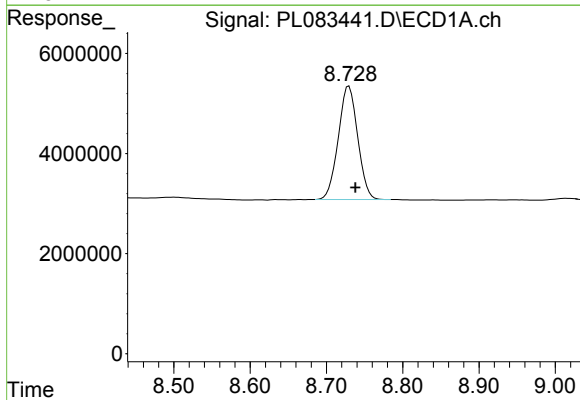
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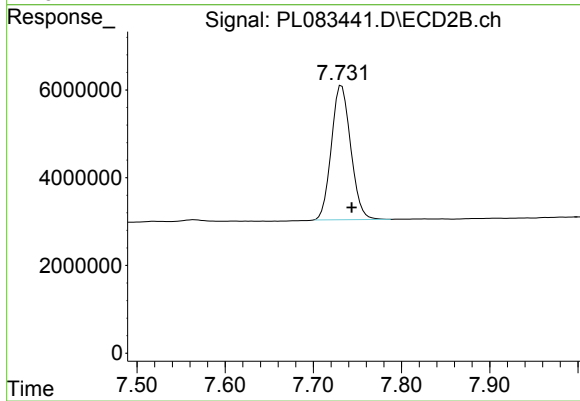
#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: -0.012 min
Response: 8619375
Conc: 3.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 40045807
Conc: 19.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.732 min
Delta R.T.: -0.011 min
Response: 46606024
Conc: 18.74 ng/ml