

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2023 18:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/25/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 21:22:17 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...	3.324	2.633	49800818	42258298	16.945	16.278
28)	SA Decachlor...	8.743	7.745	36871835	41563877	17.580	16.716
Target Compounds							
2)	A alpha-BHC	3.773	3.130	32027824	27379891	7.215	7.338
3)	MA gamma-BHC...	4.101	3.457	32402565	25402225	7.821	7.621
6)	B beta-BHC	4.305	3.758	15410740	12803589	8.185	8.953
14)	MA Endrin	6.324	5.473	100.9E6	93042193	37.536	36.675
16)	A 4,4'-DDD	6.466	5.622	399961	465391	0.184m	0.242m#
17)	MA 4,4'-DDT	6.780	5.873	208.8E6	185.1E6	83.433	82.962
18)	B Endrin al...	6.675	5.950	3385991	2957072	1.684	1.495m
20)	A Methoxychlor	7.261	6.452	284.5E6	249.7E6	215.117	196.366
21)	B Endrin ke...	7.390	6.674	5008446	5021024	1.963	1.857m

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

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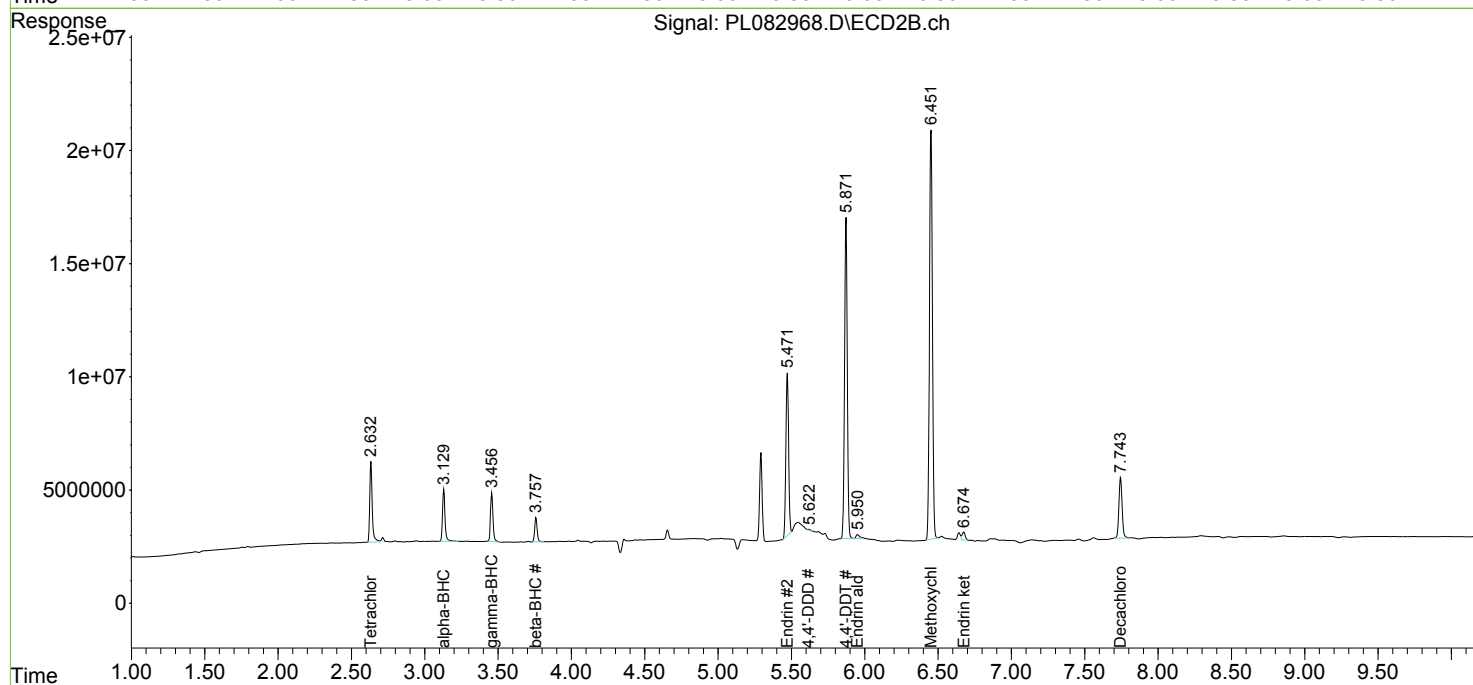
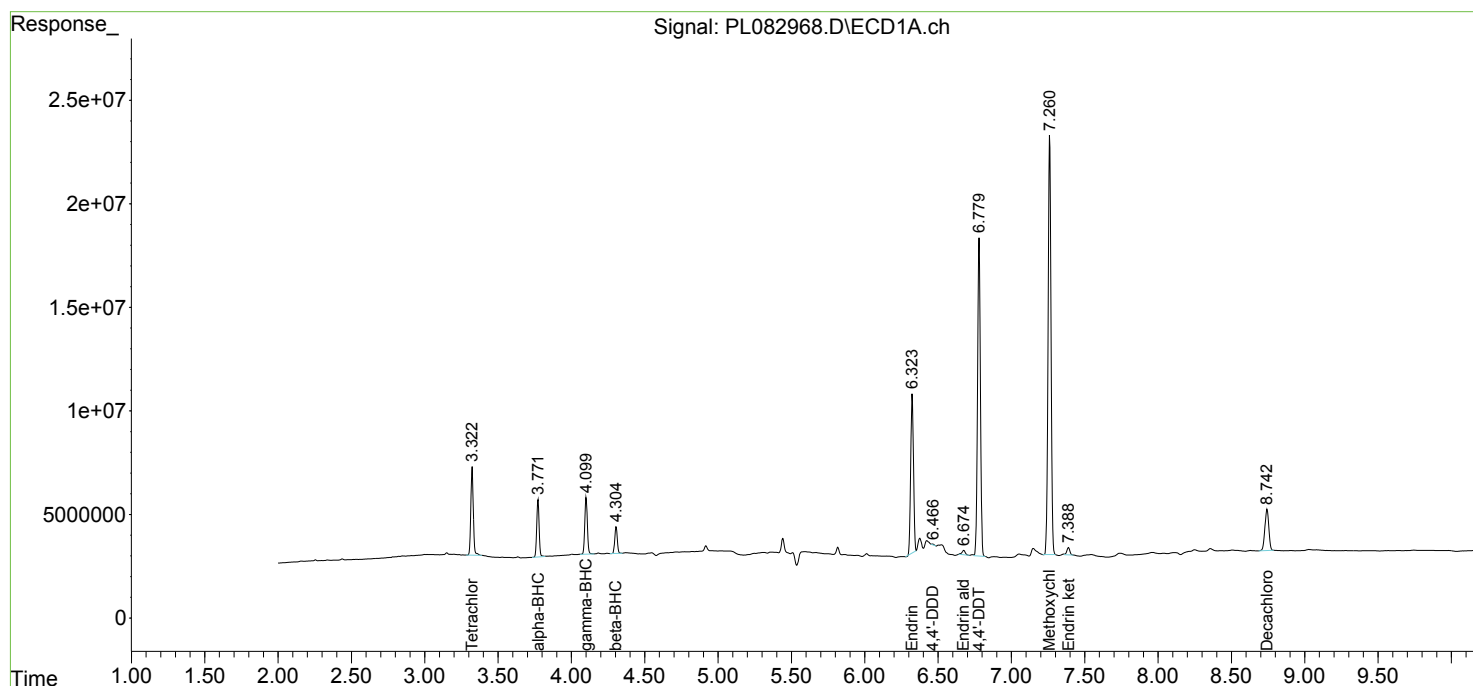
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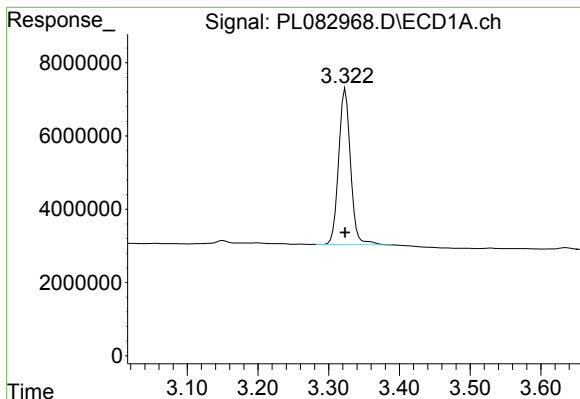
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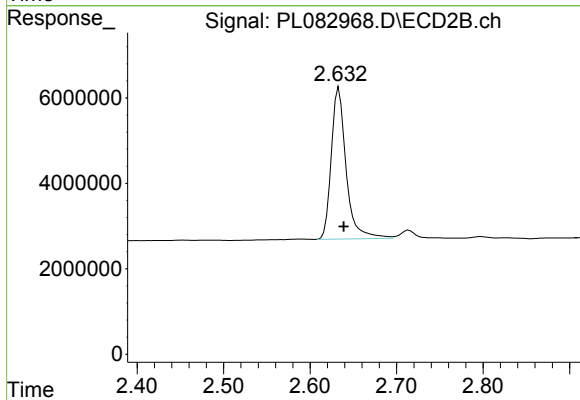
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 49800818
Conc: 16.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

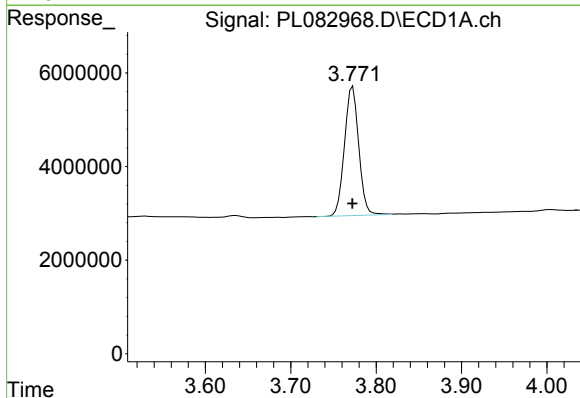
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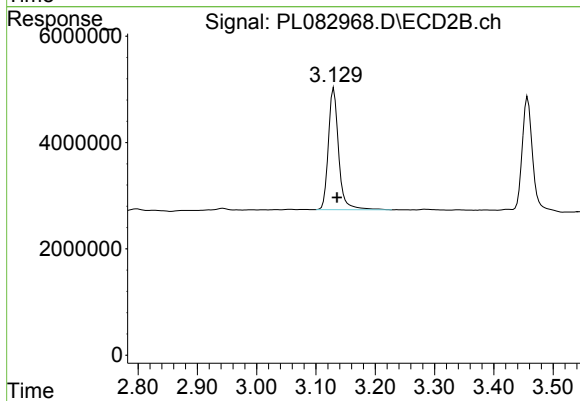
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 42258298
Conc: 16.28 ng/ml



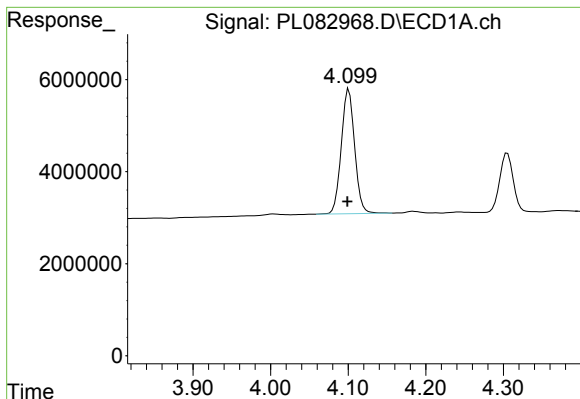
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 32027824
Conc: 7.21 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 27379891
Conc: 7.34 ng/ml



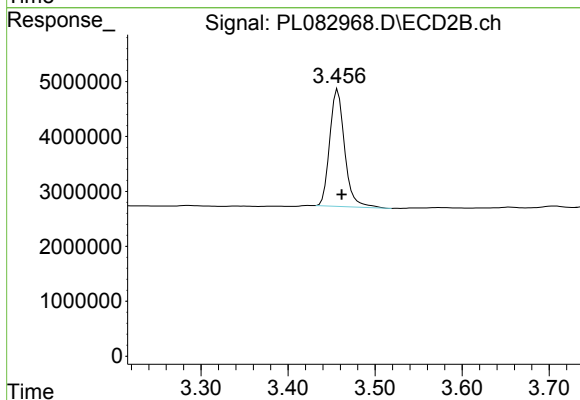
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.002 min
Response: 32402565
Conc: 7.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

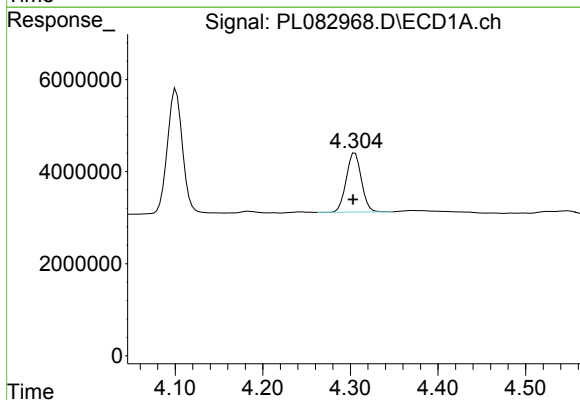
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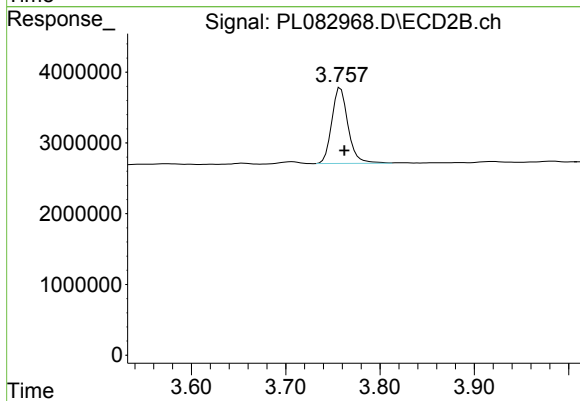
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 25402225
Conc: 7.62 ng/ml



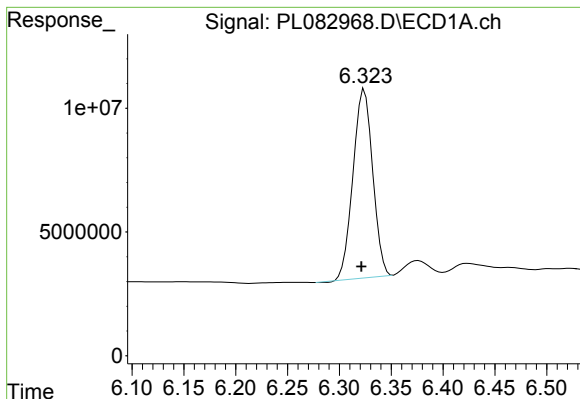
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 15410740
Conc: 8.19 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 12803589
Conc: 8.95 ng/ml



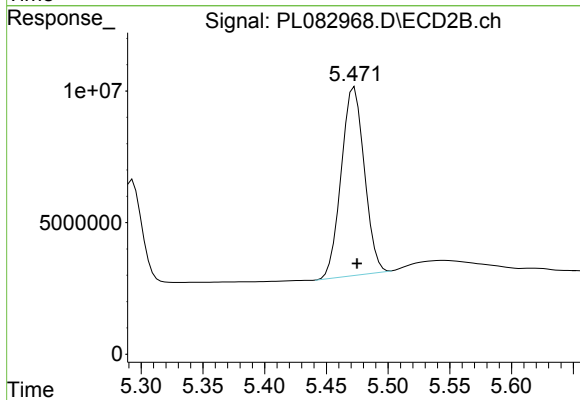
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 100869912
Conc: 37.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

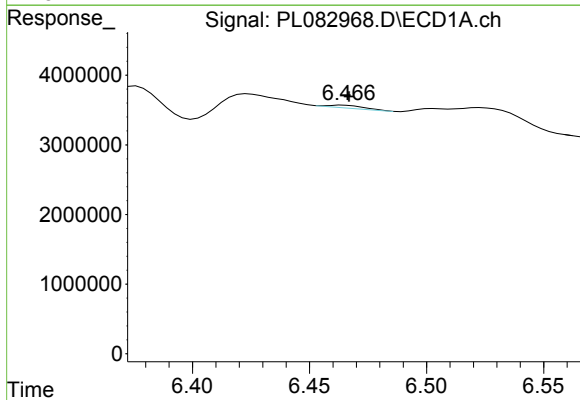
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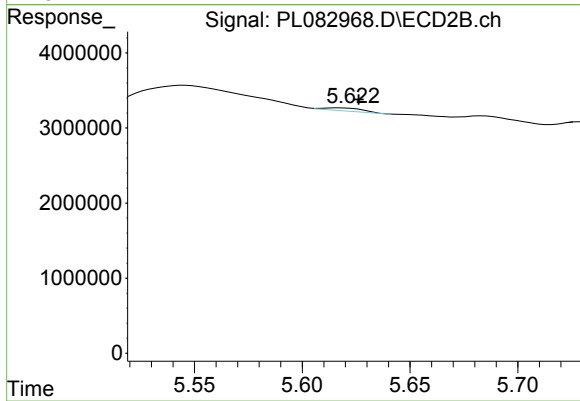
#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 93042193
Conc: 36.67 ng/ml



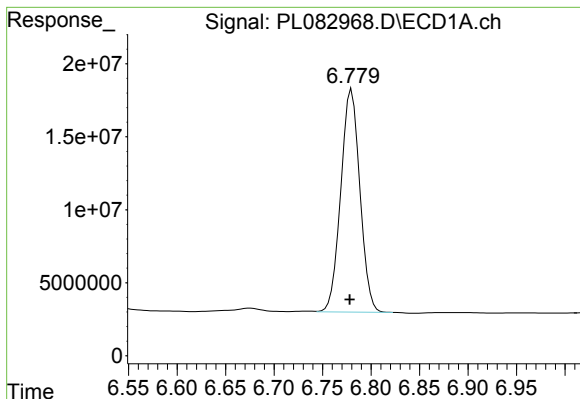
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 399961
Conc: 0.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 465391
Conc: 0.24 ng/ml m



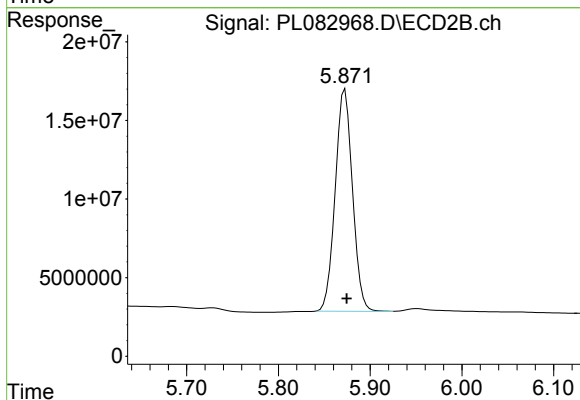
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 208847784
Conc: 83.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

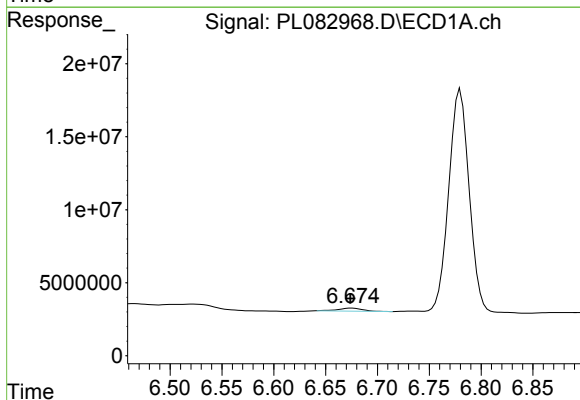
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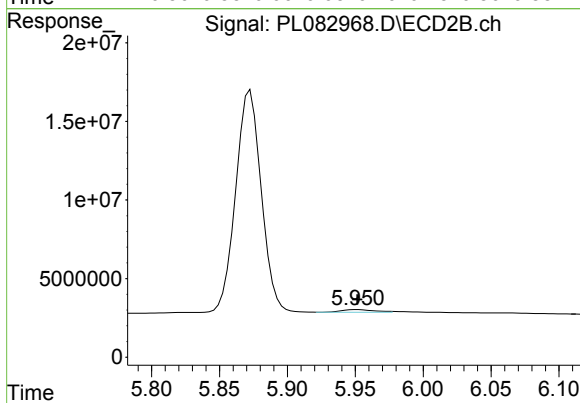
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 185091067
Conc: 82.96 ng/ml



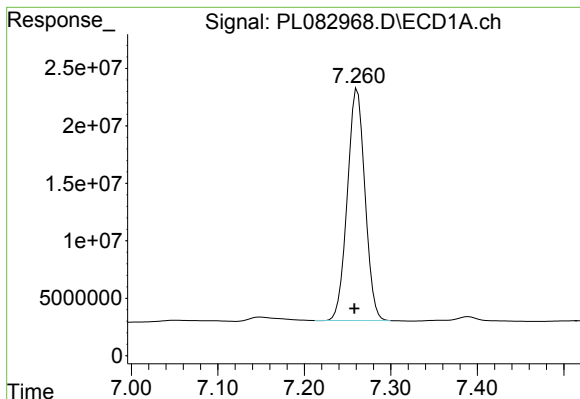
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: 0.001 min
Response: 3385991
Conc: 1.68 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 2957072
Conc: 1.50 ng/ml m



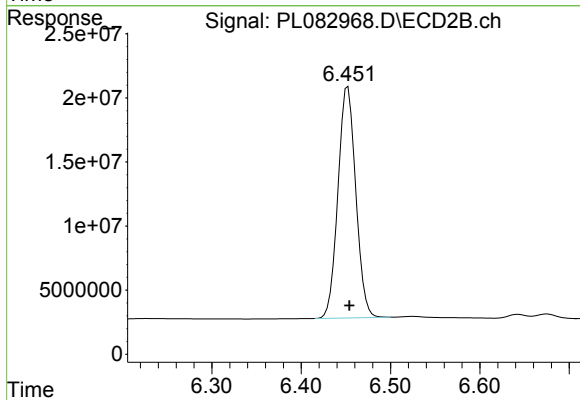
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.003 min
Response: 284465847
Conc: 215.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

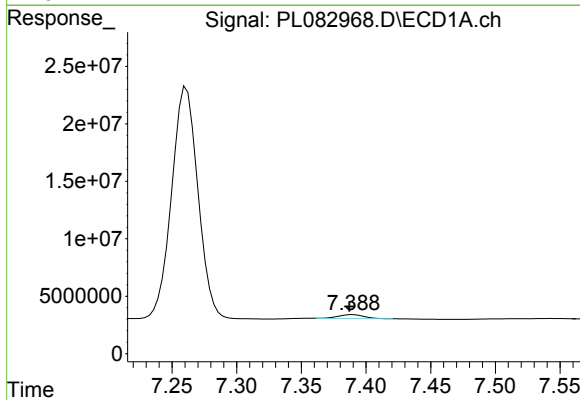
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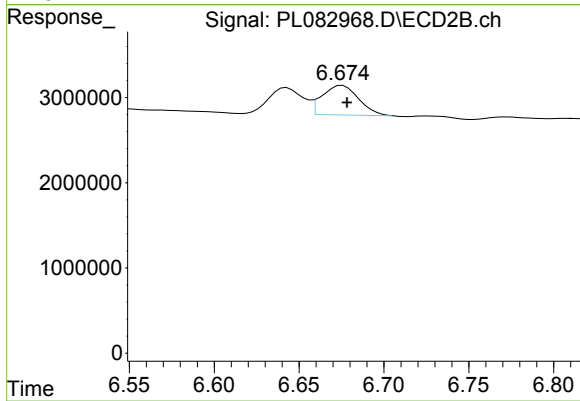
#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.001 min
Response: 249727457
Conc: 196.37 ng/ml



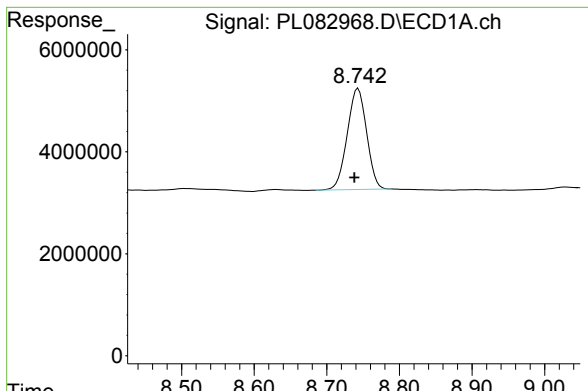
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.003 min
Response: 5008446
Conc: 1.96 ng/ml



#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 5021024
Conc: 1.86 ng/ml m



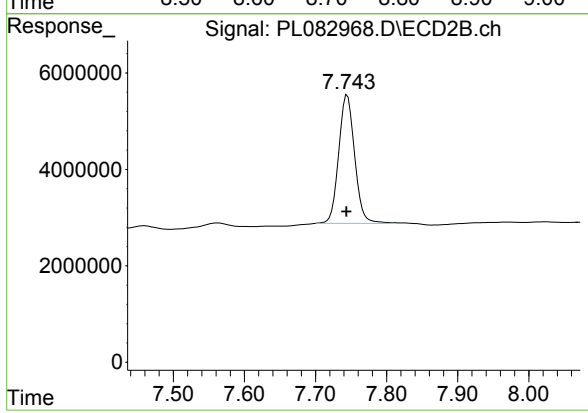
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.005 min
Response: 36871835
Conc: 17.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.745 min
Delta R.T.: 0.001 min
Response: 41563877
Conc: 16.72 ng/ml