

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 19:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:42:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	49176977	45224331	18.410	19.521
28)	SA Decachlor...	8.735	7.747	38906669	44350875	20.380	19.431m
Target Compounds							
2)	A alpha-BHC	3.768	3.137	33832533	29731260	8.500	8.736
3)	MA gamma-BHC...	4.096	3.465	32799110	28262699	8.772	8.790
6)	B beta-BHC	4.300	3.764	17723371	14482433	10.392	10.614m
12)	B 4,4'-DDE	5.947	5.074	605081	314004	0.238	0.137m#
14)	MA Endrin	6.319	5.478	98957700	100.4E6	40.815	41.054m
16)	A 4,4'-DDD	6.463	5.630	12531194	10638270	6.182	5.688
17)	MA 4,4'-DDT	6.774	5.879	192.3E6	192.1E6	84.063	90.927
18)	B Endrin al...	6.671	5.956	4300798	5792409	2.283	3.095 #
20)	A Methoxychlor	7.253	6.456	255.1E6	257.3E6	209.034m	212.290m
21)	B Endrin ke...	7.384	6.682	10388972	10376093	4.339	4.088

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

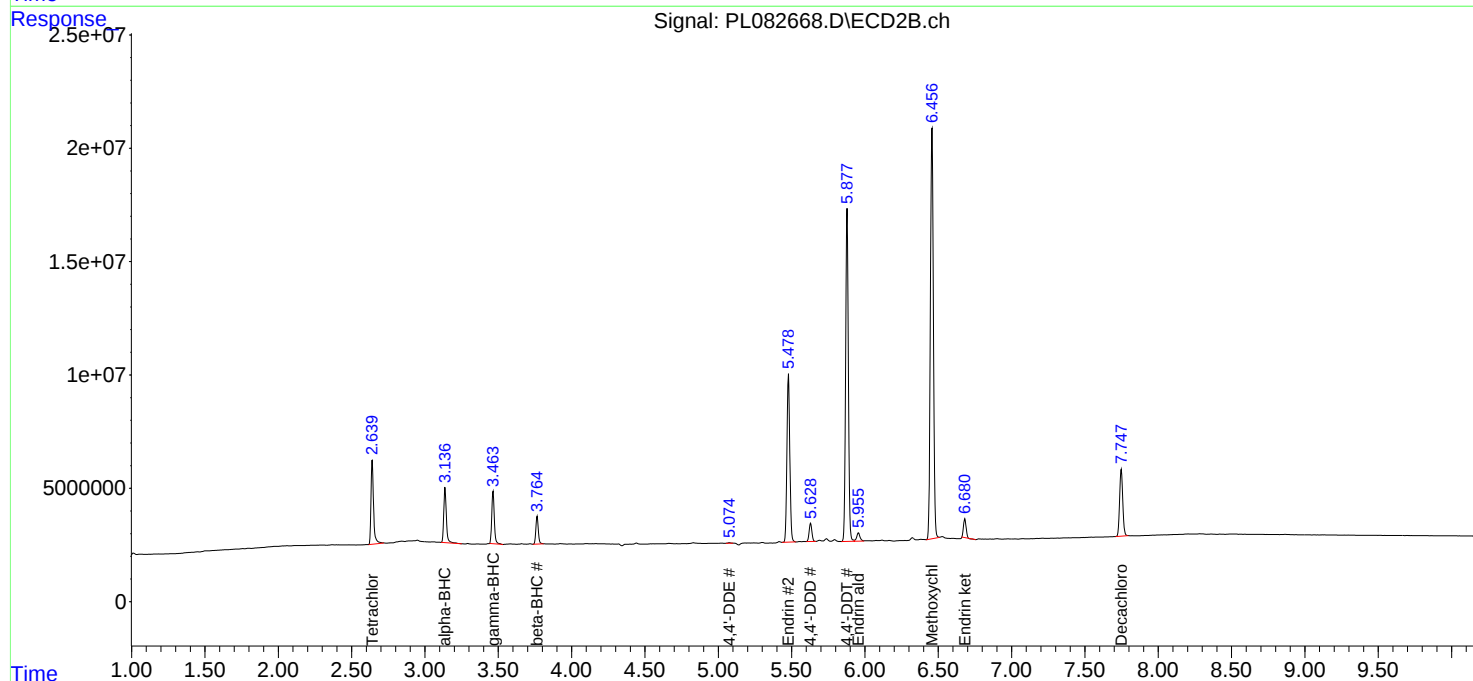
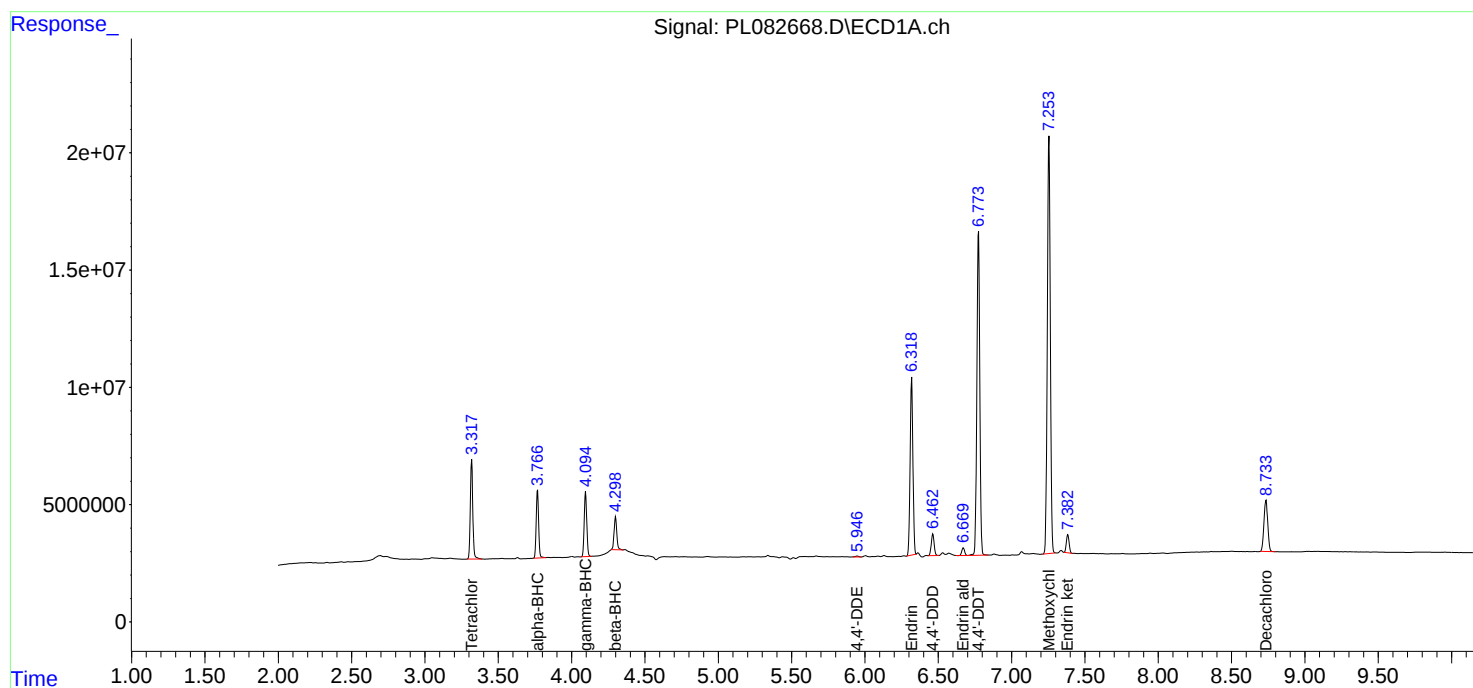
Instrument :
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ClientSampleId :
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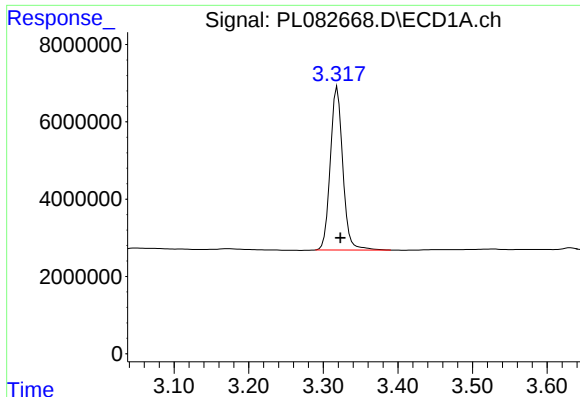
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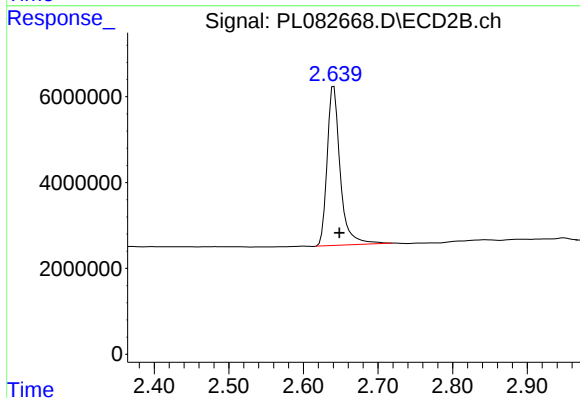
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 49176977
Conc: 18.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

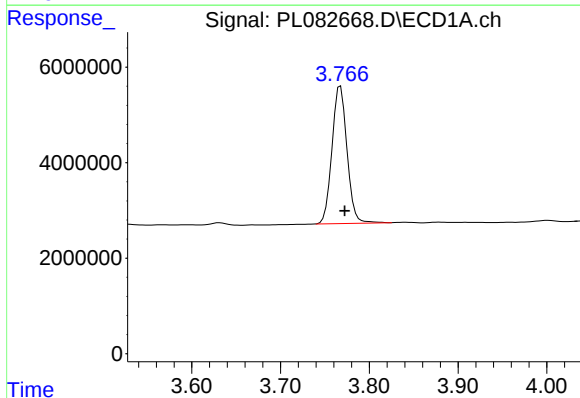
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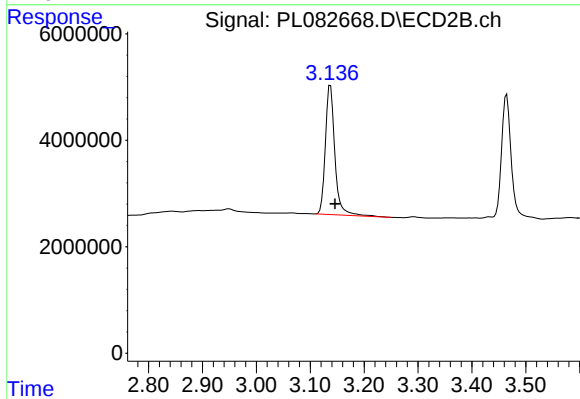
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 45224331
Conc: 19.52 ng/ml



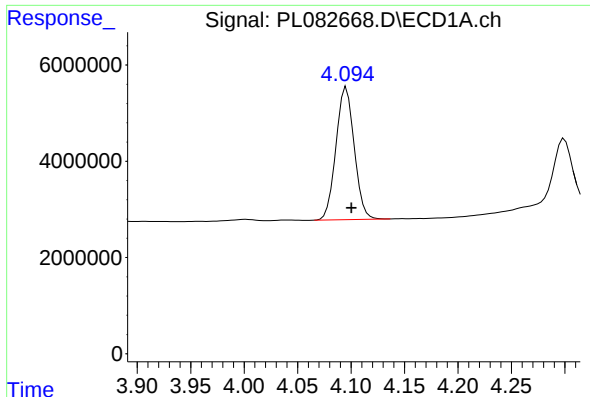
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 33832533
Conc: 8.50 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.009 min
Response: 29731260
Conc: 8.74 ng/ml



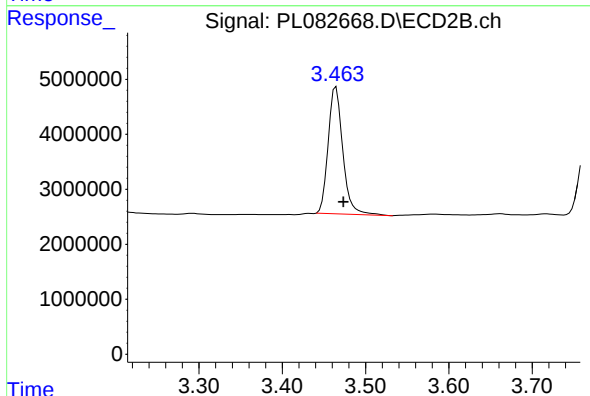
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 32799110
Conc: 8.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

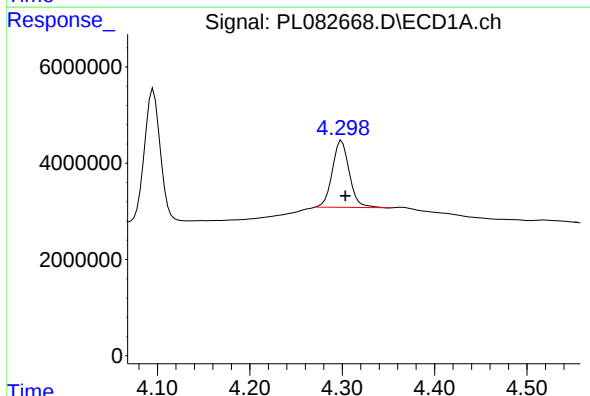
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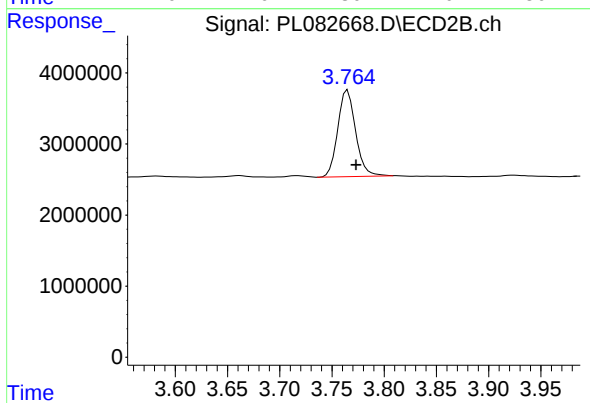
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 28262699
Conc: 8.79 ng/ml



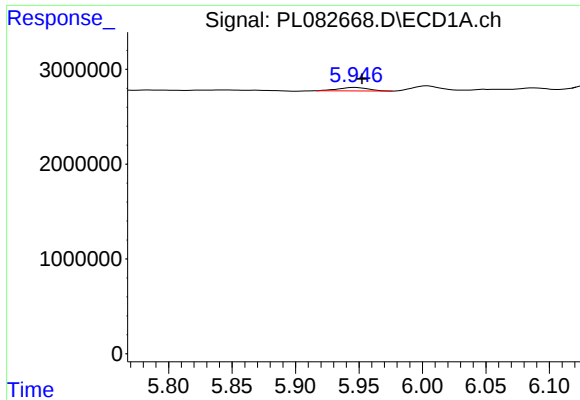
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 17723371
Conc: 10.39 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 14482433
Conc: 10.61 ng/ml m



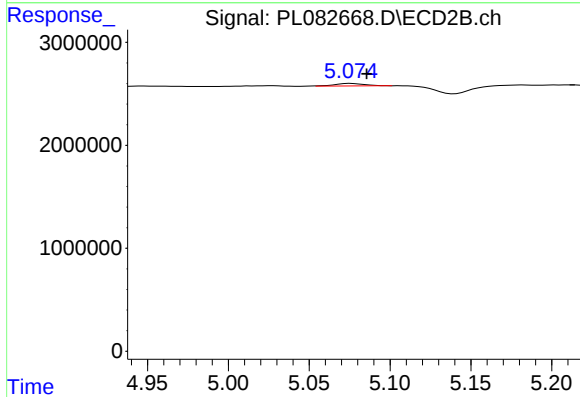
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 605081
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

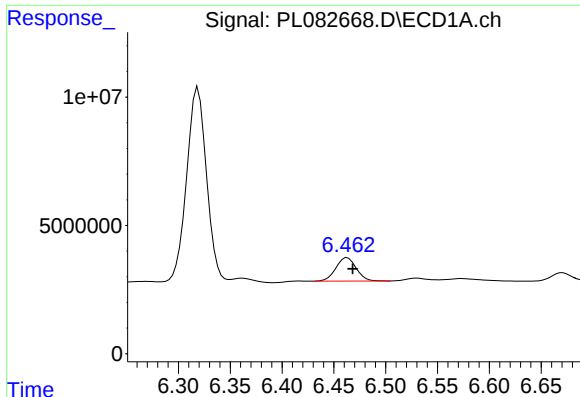
R.T.: 5.074 min
Delta R.T.: -0.011 min
Response: 314004
Conc: 0.14 ng/ml m

#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 98957700
Conc: 40.81 ng/ml

#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 100416201
Conc: 41.05 ng/ml m



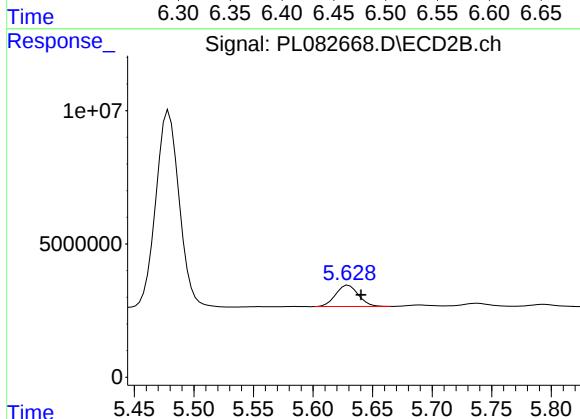
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 12531194
Conc: 6.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

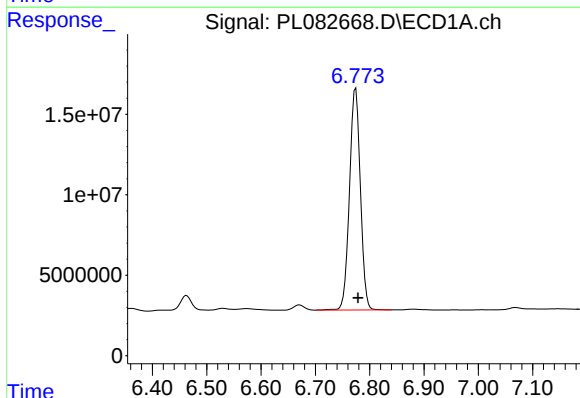
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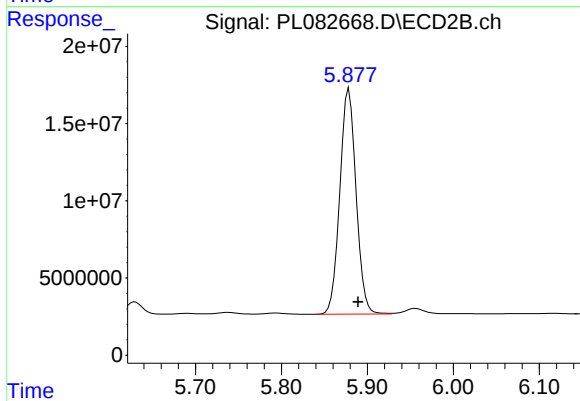
#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.011 min
Response: 10638270
Conc: 5.69 ng/ml



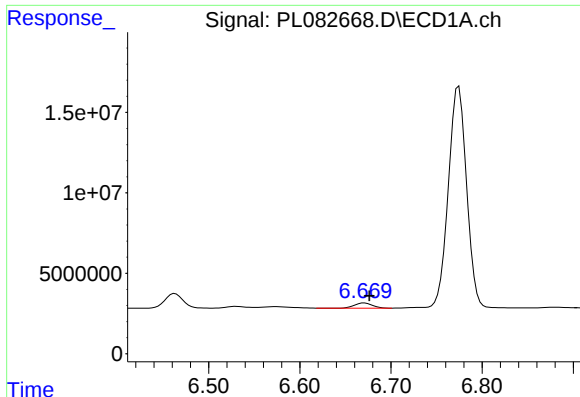
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 192311278
Conc: 84.06 ng/ml



#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.011 min
Response: 192092056
Conc: 90.93 ng/ml



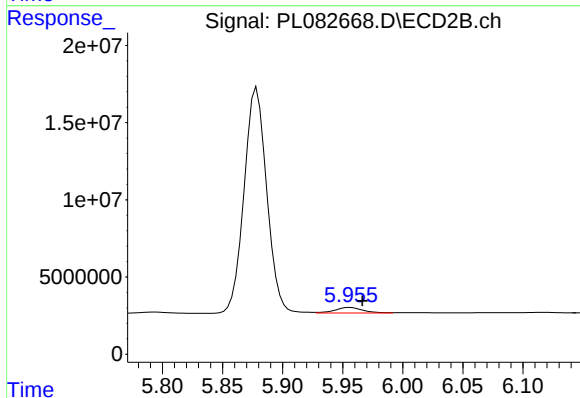
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 4300798
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

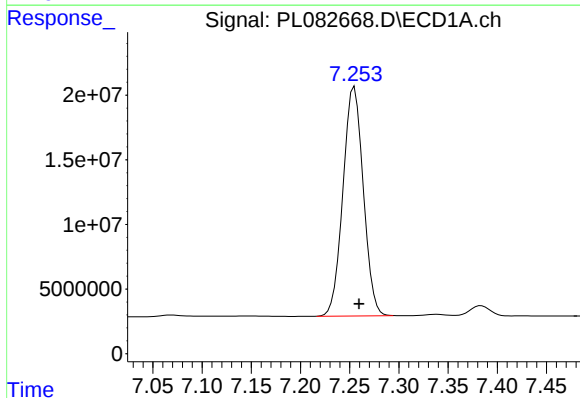
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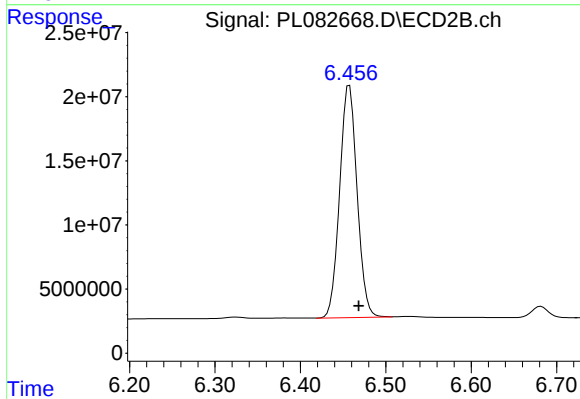
#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 5792409
Conc: 3.10 ng/ml



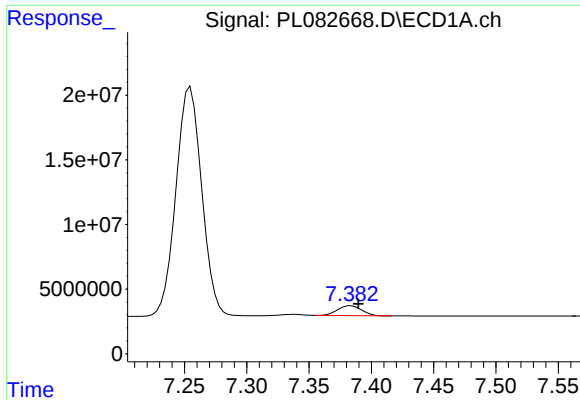
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.006 min
Response: 255090418
Conc: 209.03 ng/ml m



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 257260908
Conc: 212.29 ng/ml m



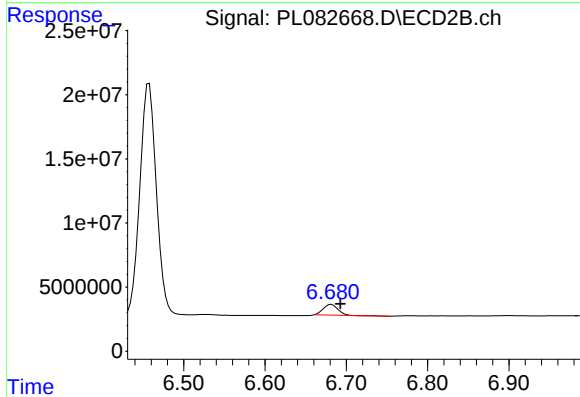
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.006 min
Response: 10388972
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

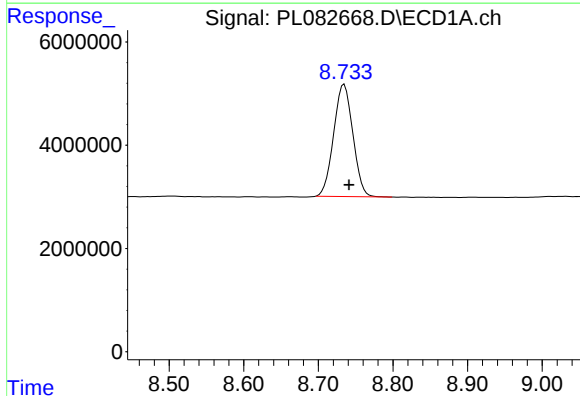
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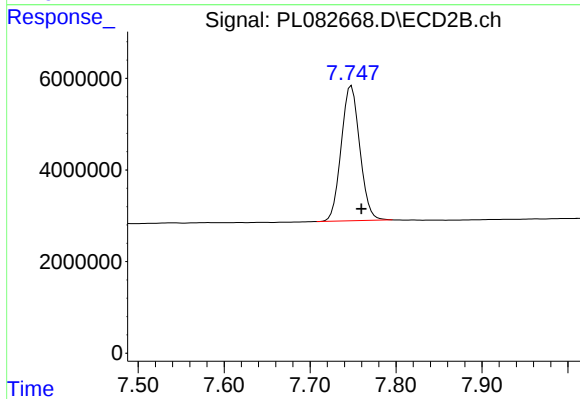
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 10376093
Conc: 4.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 38906669
Conc: 20.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 44350875
Conc: 19.43 ng/ml m