

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 08:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:07:24 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...	3.322	2.645	54165496	43563610	20.278	18.804
28)	SA Decachlor...	8.740	7.754	42177639	46824465	22.093	20.515
Target Compounds							
2)	A alpha-BHC	3.771	3.142	36747262	28361161	9.232	8.333
3)	MA gamma-BHC...	4.100	3.469	35483914	27928651	9.490	8.686
6)	B beta-BHC	4.303	3.769	17034852	14598341	9.988	10.699
14)	MA Endrin	6.323	5.484	111.7E6	110.1E6	46.074	45.018
16)	A 4,4'-DDD	6.467	5.635	2975242	2442232	1.468	1.306
17)	MA 4,4'-DDT	6.779	5.883	219.2E6	215.1E6	95.817	101.794
18)	B Endrin al...	6.676	5.961	3161434	4988925	1.678	2.666 #
20)	A Methoxychlor	7.259	6.461	289.9E6	287.1E6	237.565	236.906m
21)	B Endrin ke...	7.389	6.687	5235415	6954661	2.187	2.740 #

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

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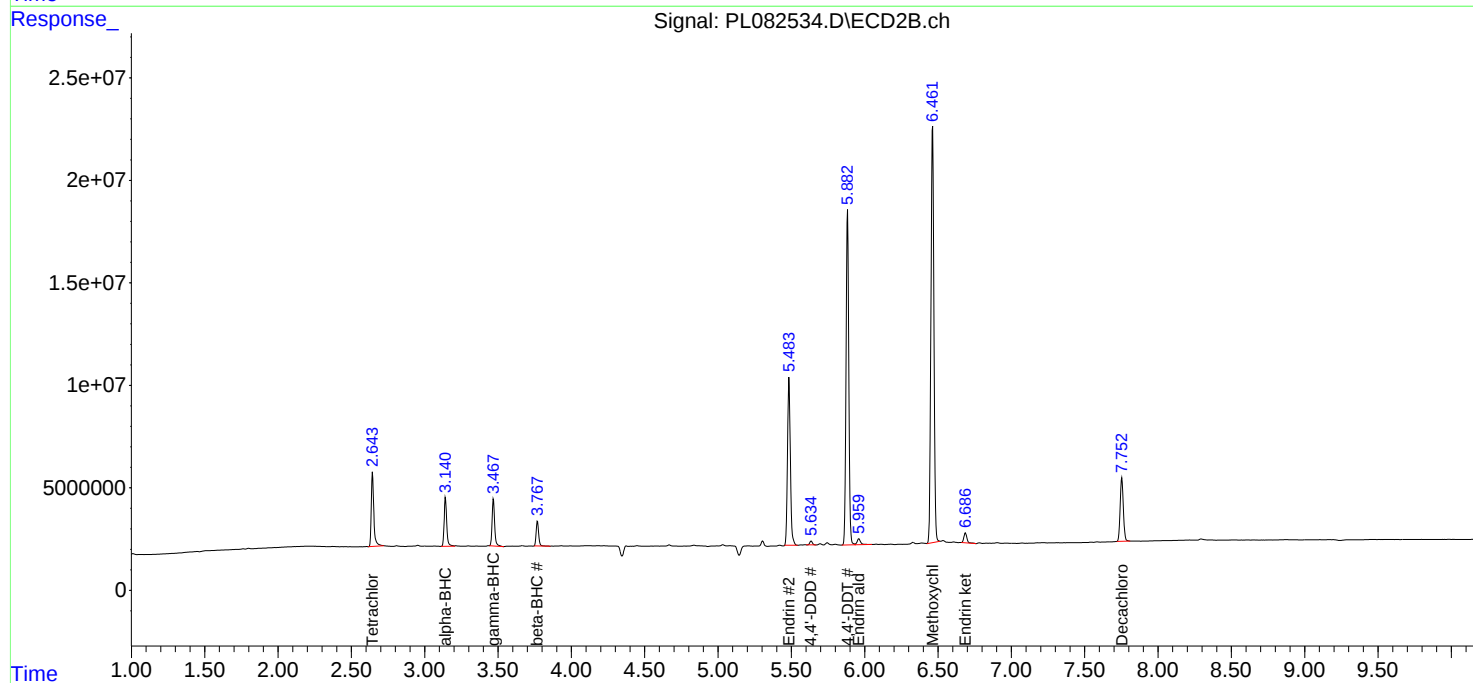
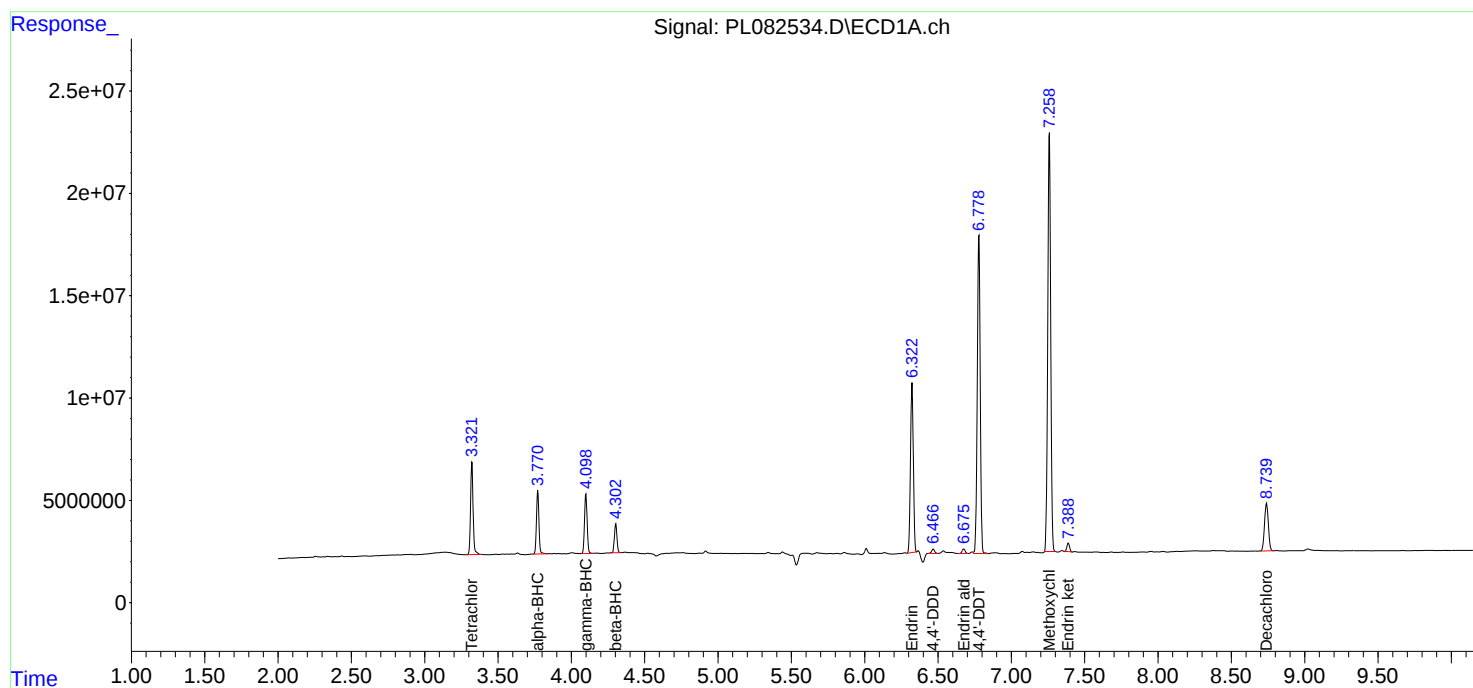
Instrument :
ECD_L
ClientSampleId :
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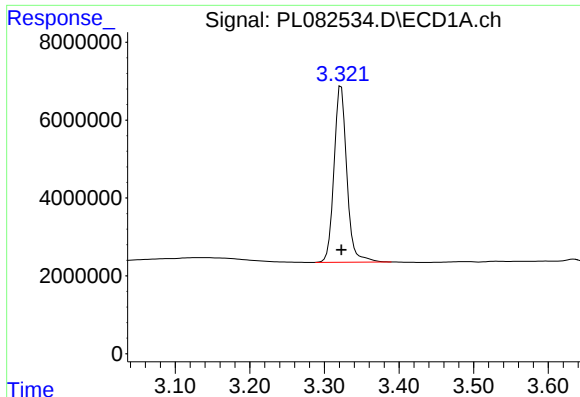
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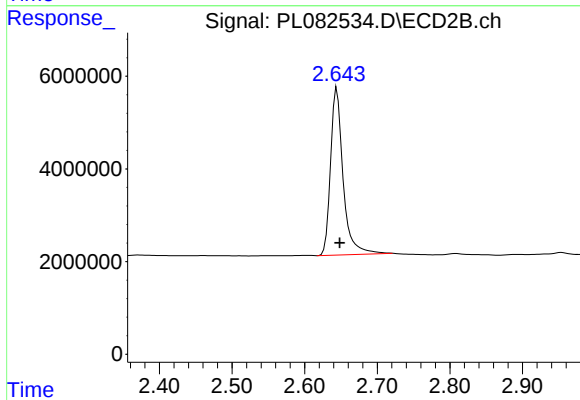
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 54165496
Conc: 20.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

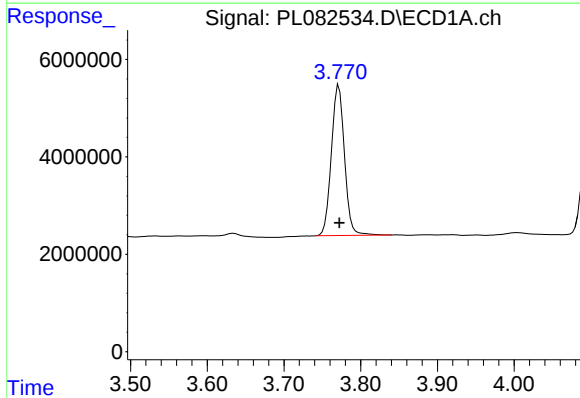
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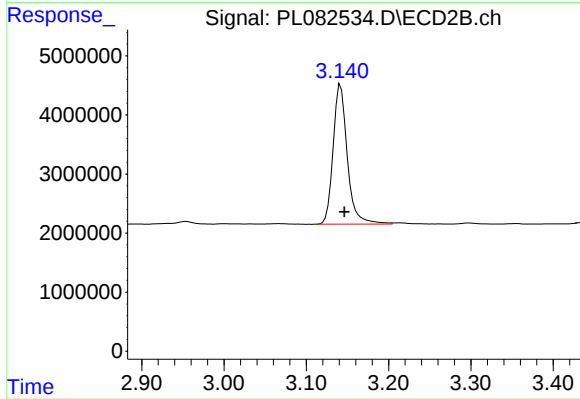
#1 Tetrachloro-m-xylene

R.T.: 2.645 min
Delta R.T.: -0.004 min
Response: 43563610
Conc: 18.80 ng/ml



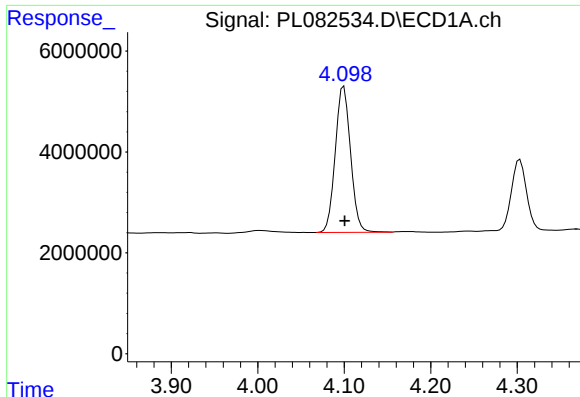
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 36747262
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.142 min
Delta R.T.: -0.005 min
Response: 28361161
Conc: 8.33 ng/ml



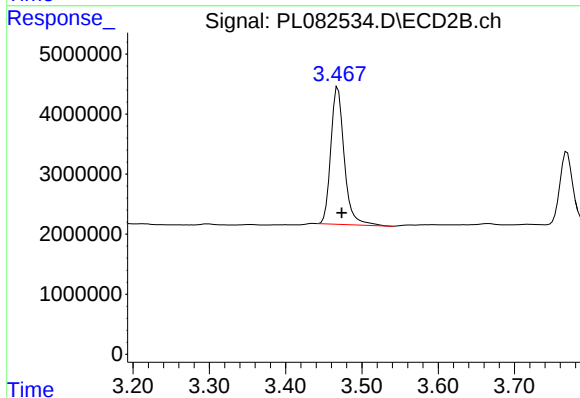
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 35483914
Conc: 9.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

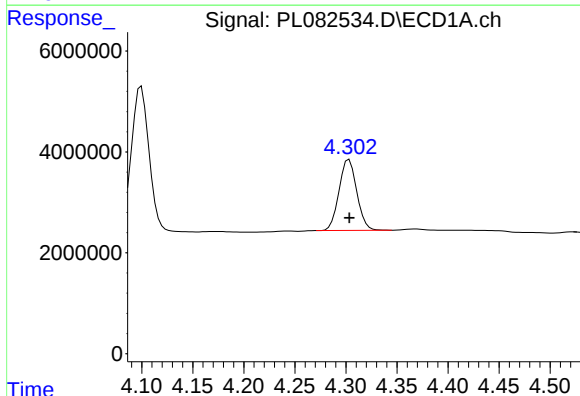
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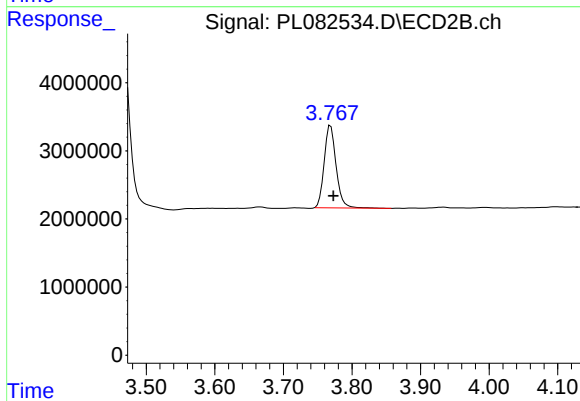
#3 gamma-BHC (Lindane)

R.T.: 3.469 min
Delta R.T.: -0.005 min
Response: 27928651
Conc: 8.69 ng/ml



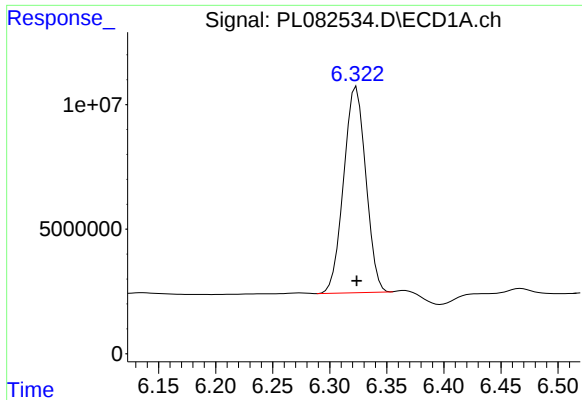
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 17034852
Conc: 9.99 ng/ml



#6 beta-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 14598341
Conc: 10.70 ng/ml



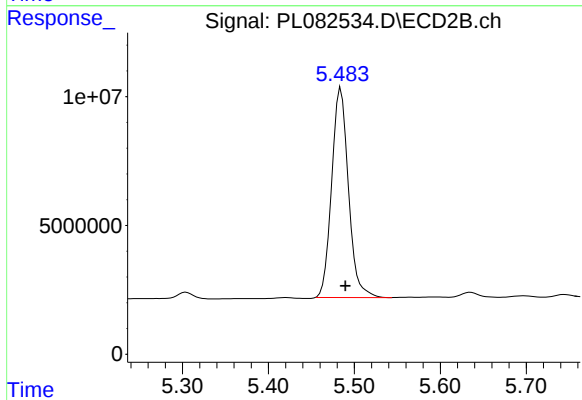
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 111708884
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

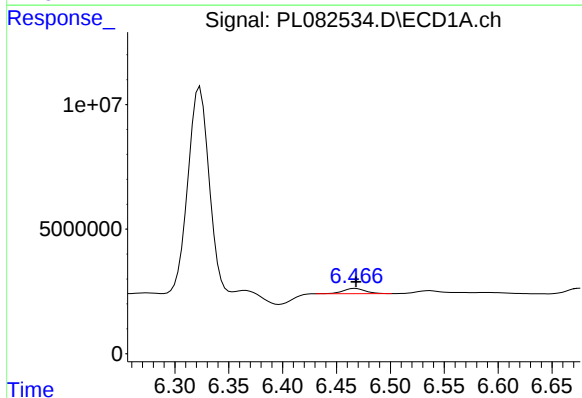
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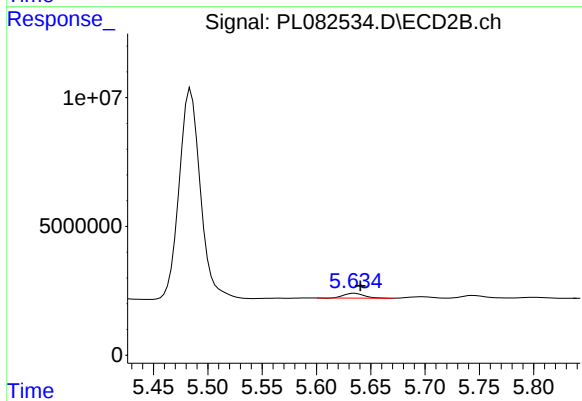
#14 Endrin

R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 110112625
Conc: 45.02 ng/ml



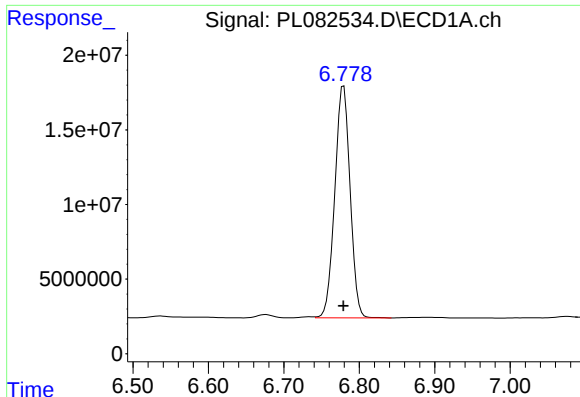
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2975242
Conc: 1.47 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.005 min
Response: 2442232
Conc: 1.31 ng/ml



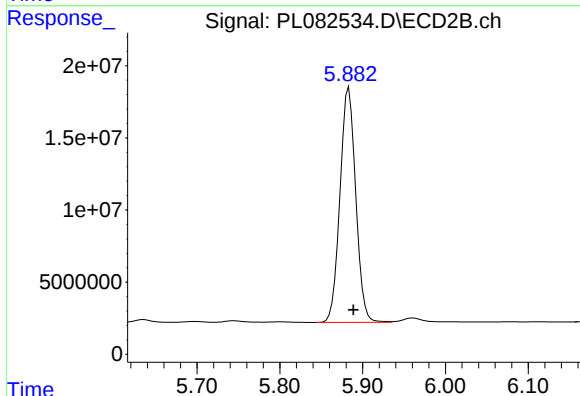
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 219202740
Conc: 95.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

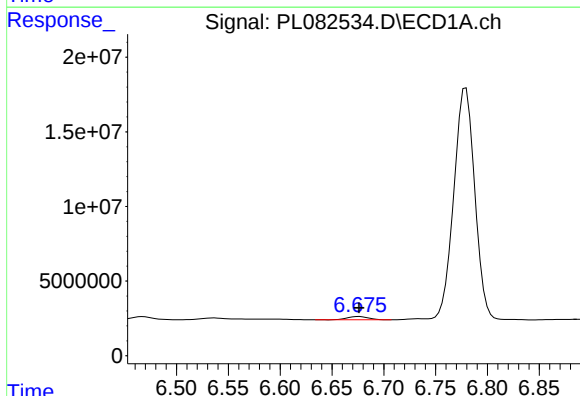
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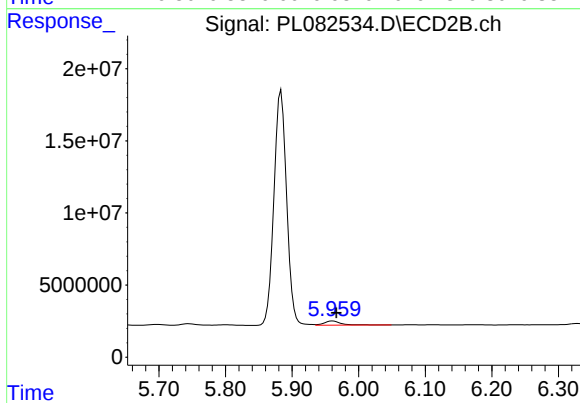
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 215050204
Conc: 101.79 ng/ml



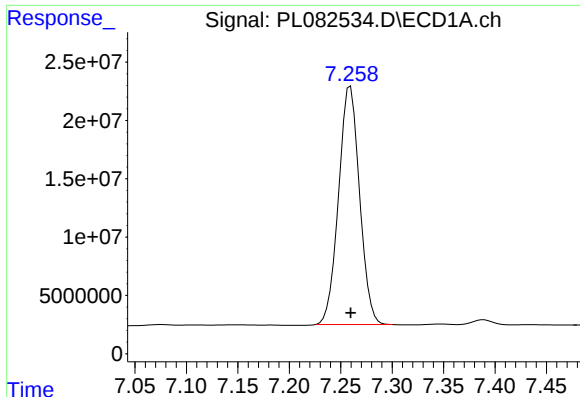
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 3161434
Conc: 1.68 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.005 min
Response: 4988925
Conc: 2.67 ng/ml



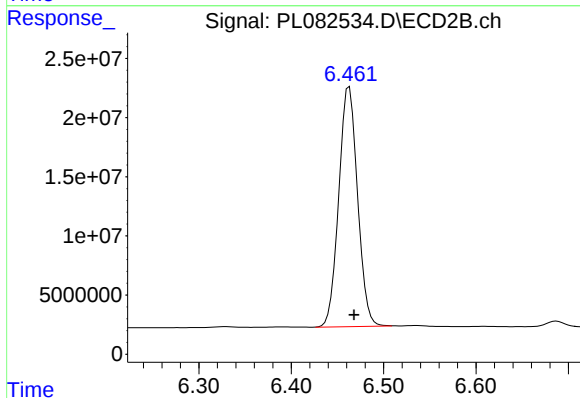
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 289908244
Conc: 237.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

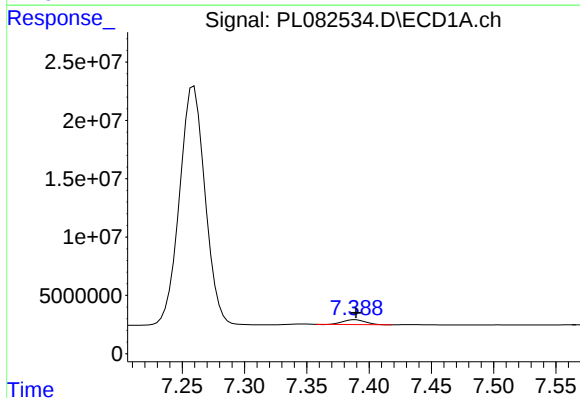
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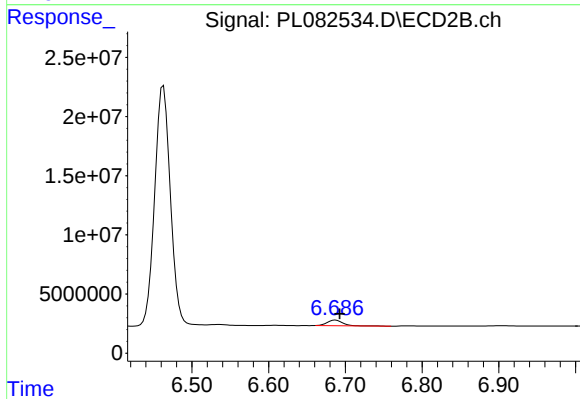
#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 287091043
Conc: 236.91 ng/ml m



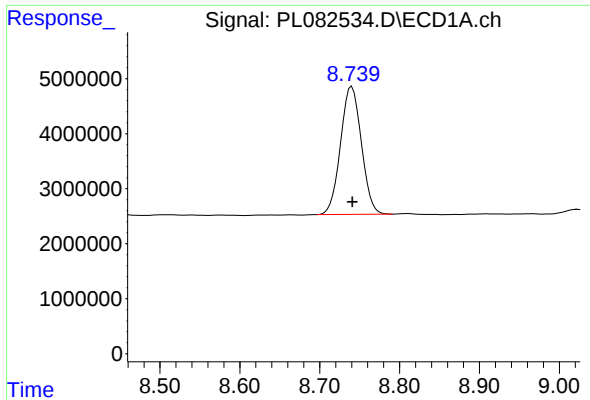
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 5235415
Conc: 2.19 ng/ml



#21 Endrin ketone

R.T.: 6.687 min
Delta R.T.: -0.006 min
Response: 6954661
Conc: 2.74 ng/ml



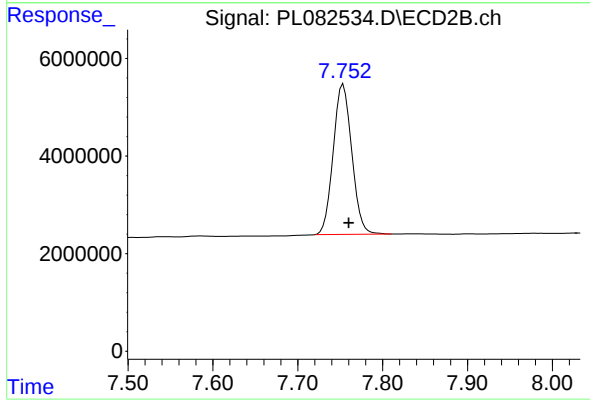
#28 Decachlorobiphenyl

R.T.: 8.740 min
Delta R.T.: 0.000 min
Response: 42177639
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 46824465
Conc: 20.51 ng/ml