

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111822\
 Data File : PL079230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2022 10:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/21/2022
 Supervised By : Ankita Jodhani 11/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 08:20:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111622.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 16 15:31:11 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...	3.320	2.567	42926501	52243819	20.614	20.513
28)	SA Decachlor...	8.769	7.634	35548023	45243330	21.251	21.810
Target Compounds							
2)	A alpha-BHC	3.780	3.052	29908119	39828268	9.491	9.850m
3)	MA gamma-BHC...	4.113	3.375	29655469	32945002	9.880	9.286
6)	B beta-BHC	4.329	3.675	14597100	18733401	11.100	13.401
14)	MA Endrin	6.348	5.365	111.5E6	128.0E6	50.366	49.027
16)	A 4,4'-DDD	6.501	5.525	463111	586692	0.264m	0.251m
17)	MA 4,4'-DDT	6.805	5.771	214.0E6	257.0E6	102.670	105.295
18)	B Endrin al...	6.709	5.840	1685120	4596661	1.054	2.202m#
20)	A Methoxychlor	7.290	6.348	284.4E6	324.6E6	266.741	245.676
21)	B Endrin ke...	7.428	6.557	3486318	8186613	1.674	2.894 #

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

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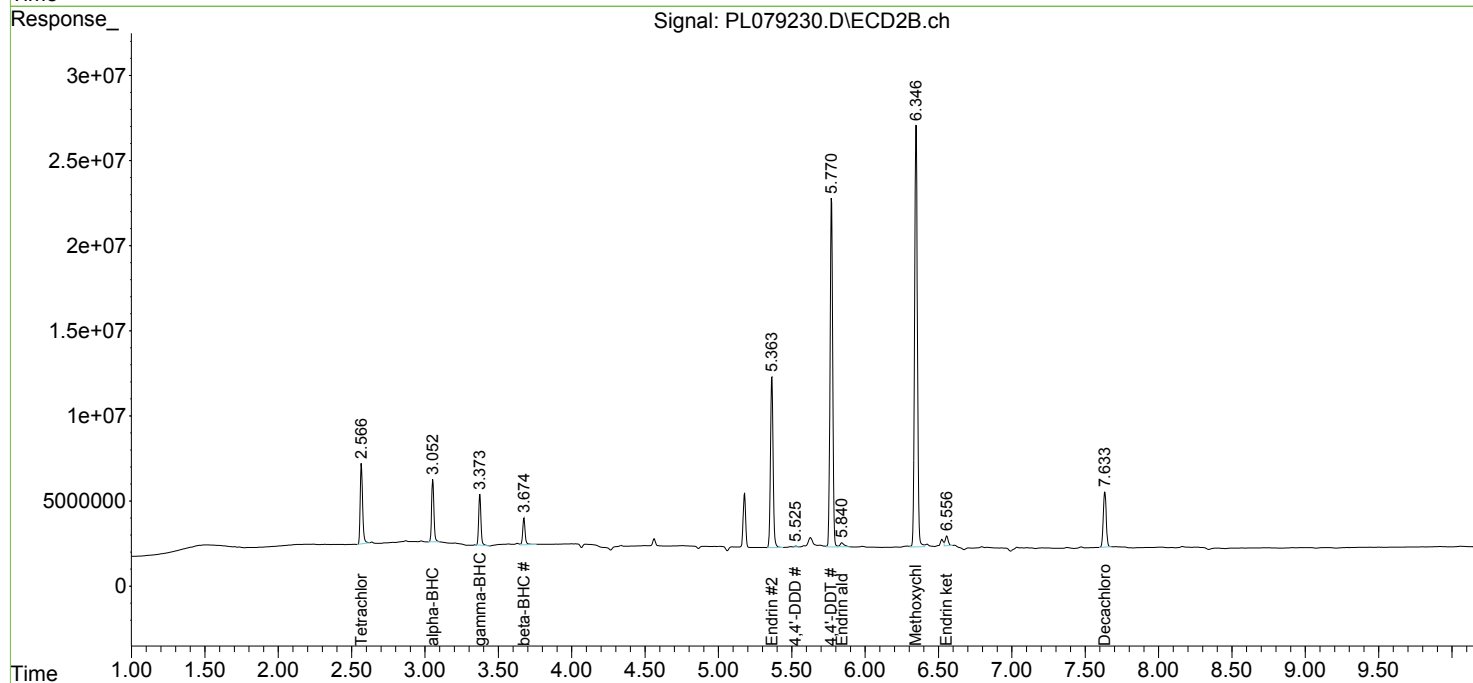
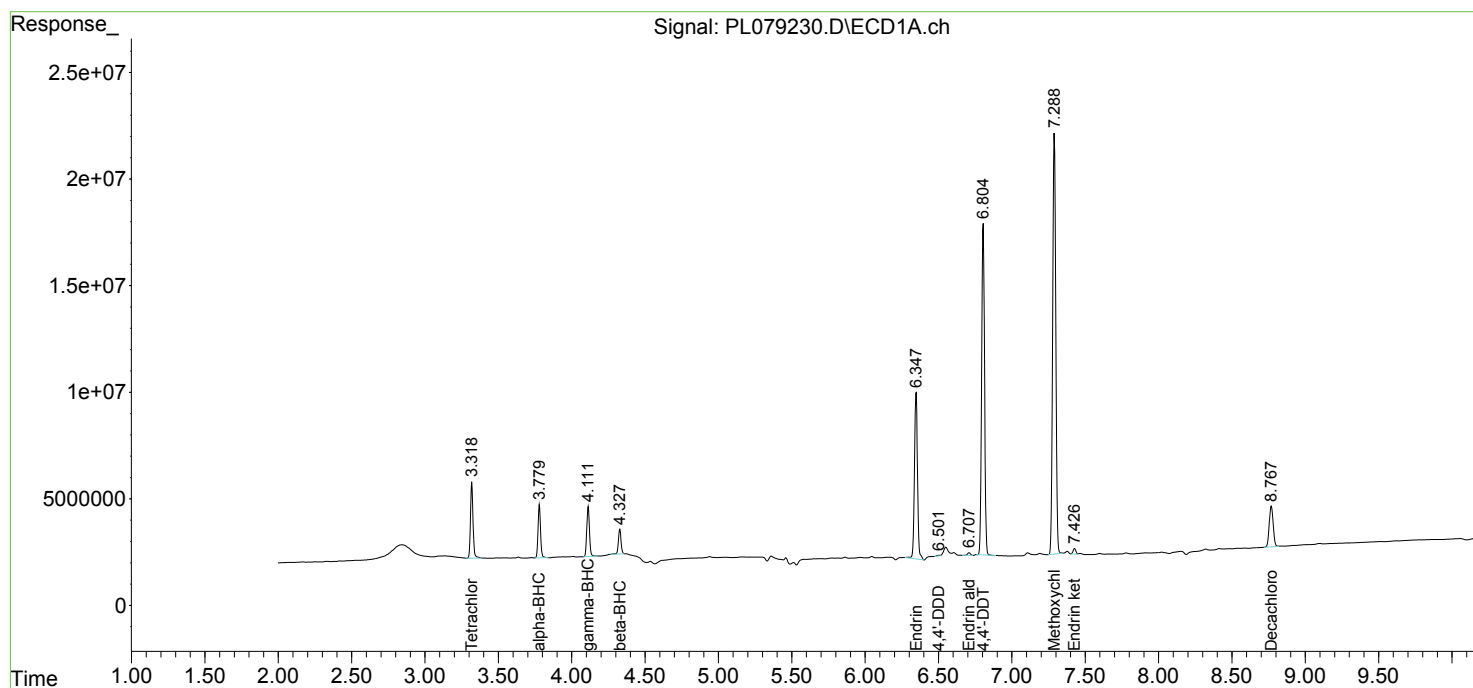
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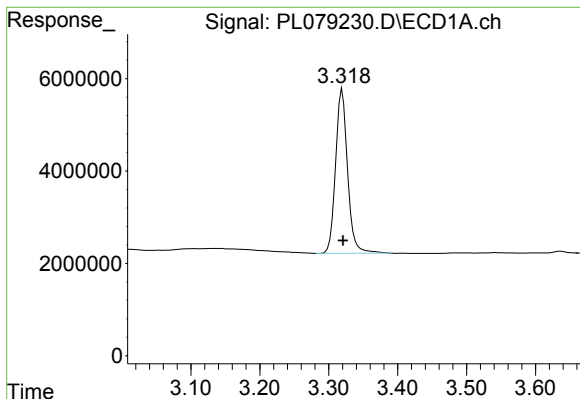
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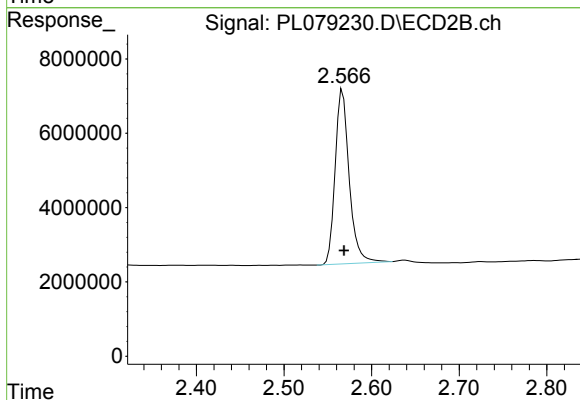
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.001 min
Response: 42926501
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

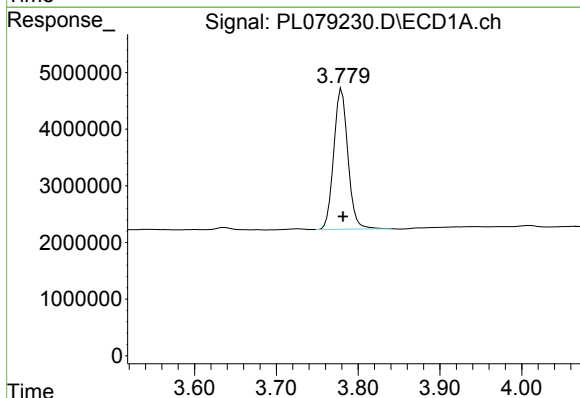
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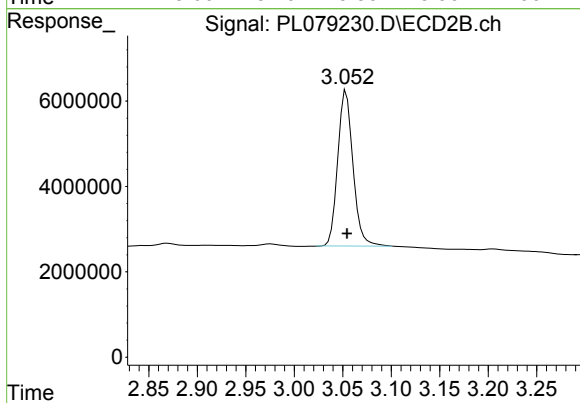
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.002 min
Response: 52243819
Conc: 20.51 ng/ml



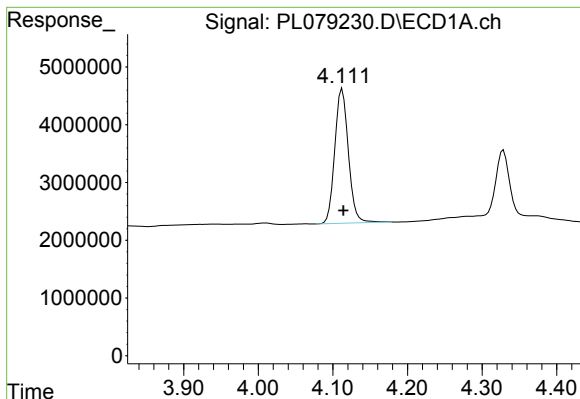
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 29908119
Conc: 9.49 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: -0.002 min
Response: 39828268
Conc: 9.85 ng/ml m



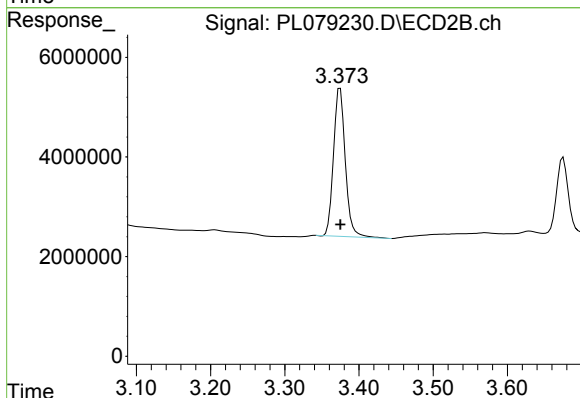
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 29655469
Conc: 9.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

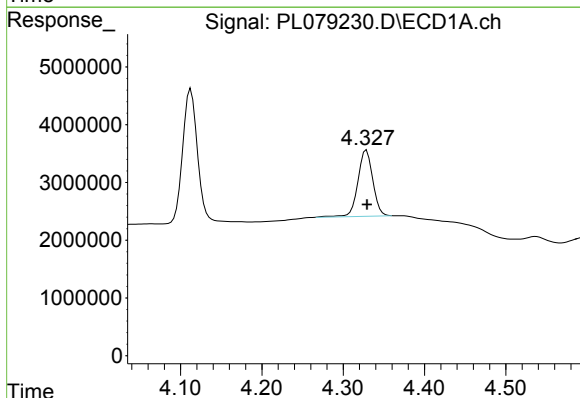
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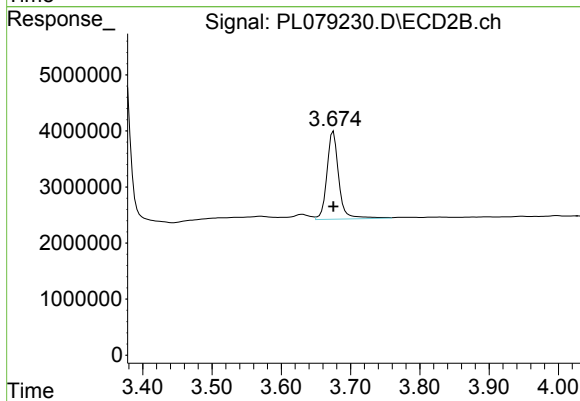
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: 0.000 min
Response: 32945002
Conc: 9.29 ng/ml



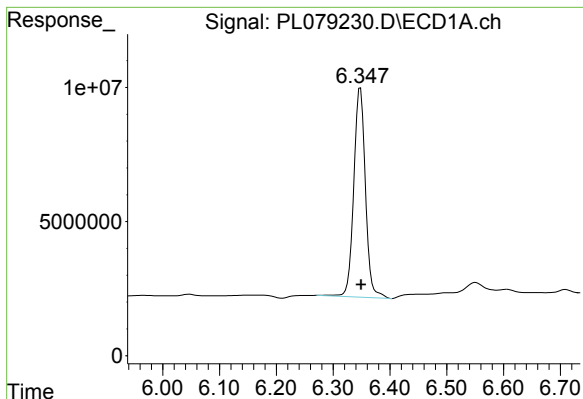
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 14597100
Conc: 11.10 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.000 min
Response: 18733401
Conc: 13.40 ng/ml



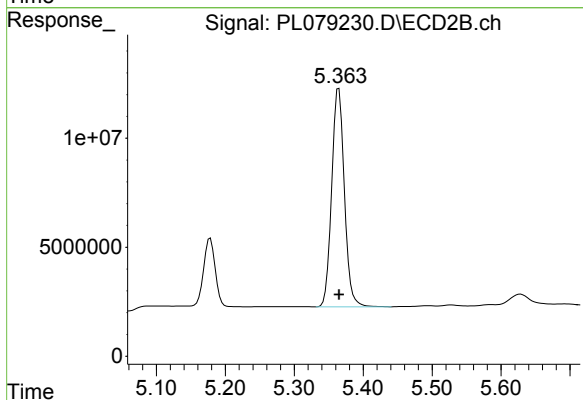
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 111452707
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

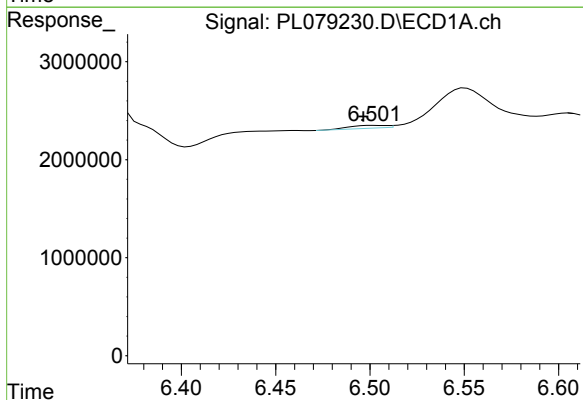
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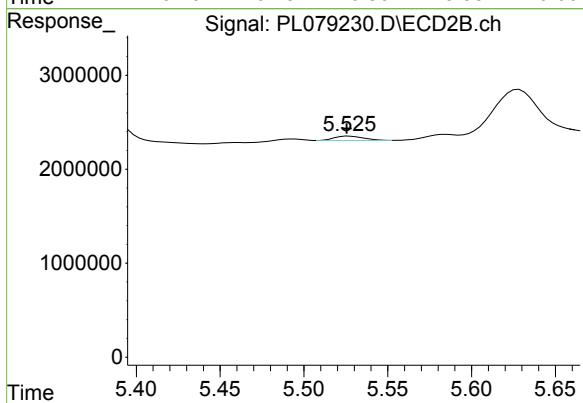
#14 Endrin

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 128049905
Conc: 49.03 ng/ml



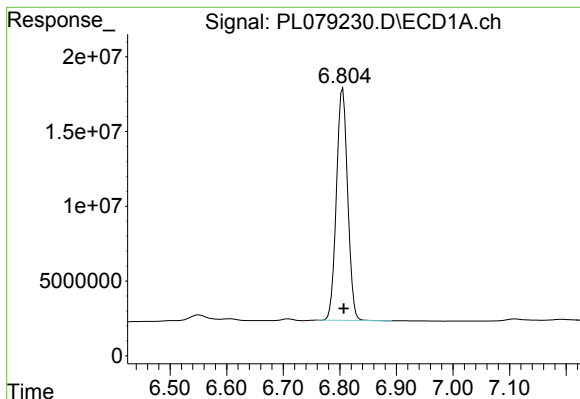
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.004 min
Response: 463111
Conc: 0.26 ng/ml m



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 586692
Conc: 0.25 ng/ml m



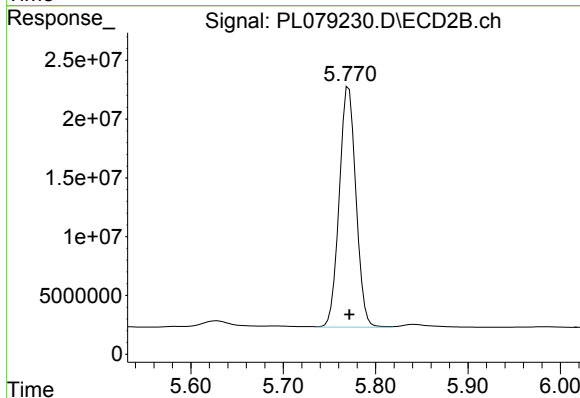
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 214013029
Conc: 102.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

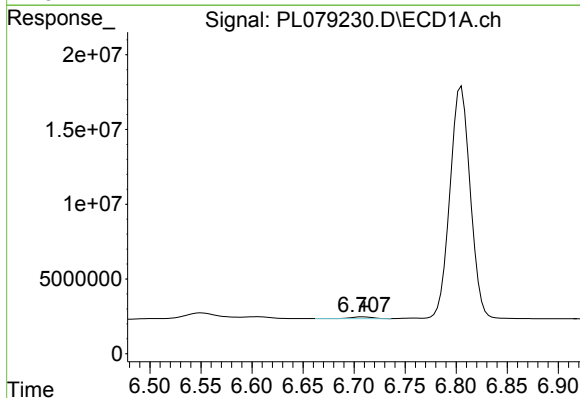
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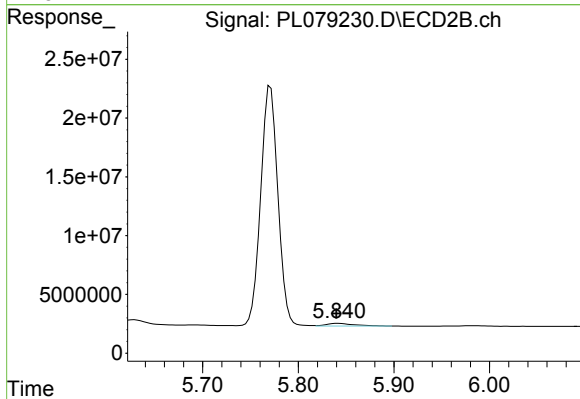
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 257006968
Conc: 105.30 ng/ml



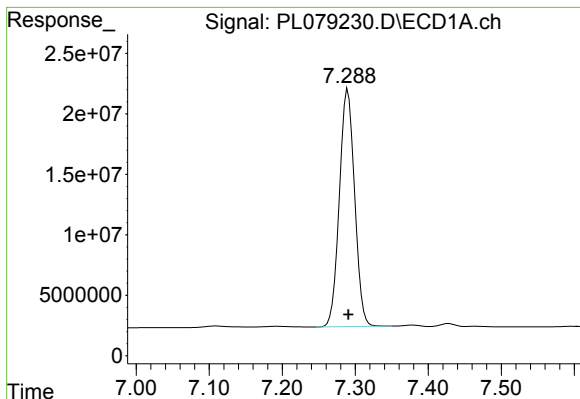
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 1685120
Conc: 1.05 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 4596661
Conc: 2.20 ng/ml m



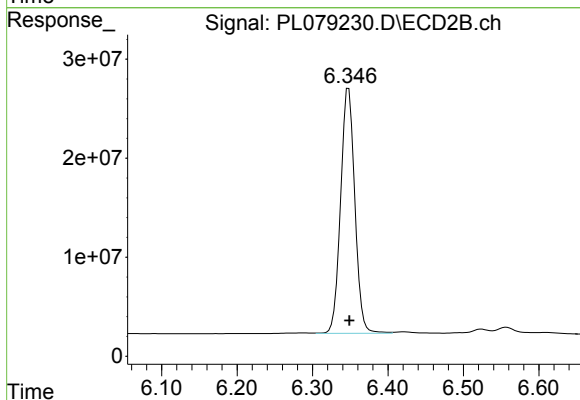
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 284362595
Conc: 266.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

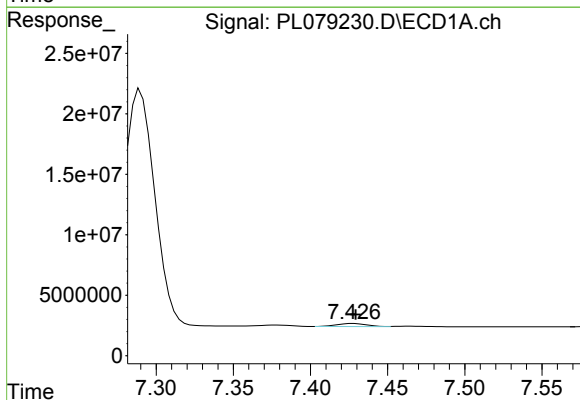
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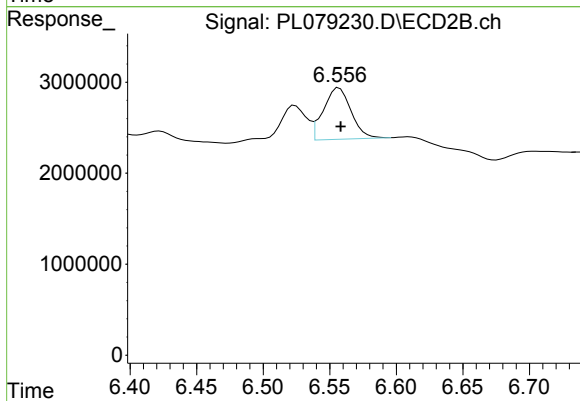
#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 324555645
Conc: 245.68 ng/ml



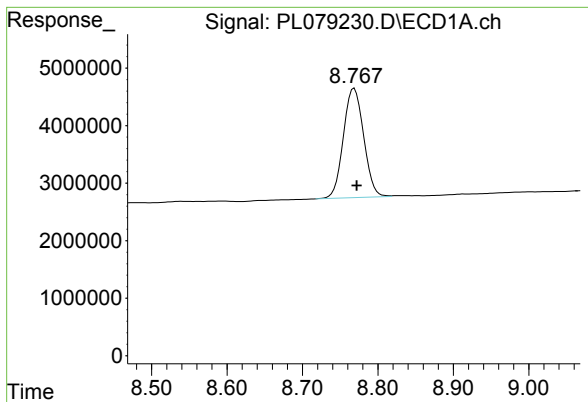
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.001 min
Response: 3486318
Conc: 1.67 ng/ml



#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 8186613
Conc: 2.89 ng/ml



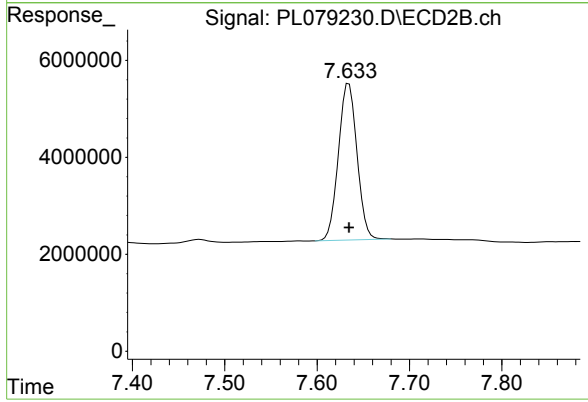
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.003 min
Response: 35548023
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: 0.000 min
Response: 45243330
Conc: 21.81 ng/ml