

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2023
 Supervised By : Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:29:35 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...	3.326	2.650	50817467	40801651	19.024	17.612
28)	SA Decachlor...	8.750	7.764	37044994	41834658	19.405	18.328
Target Compounds							
2)	A alpha-BHC	3.776	3.148	34644828	27168590	8.704	7.983
3)	MA gamma-BHC...	4.104	3.475	33875150	26165738	9.060	8.138
6)	B beta-BHC	4.308	3.776	16486255	13787912	9.667	10.105
14)	MA Endrin	6.329	5.493	103.1E6	99807424	42.538	40.805
16)	A 4,4'-DDD	6.473	5.643	1613884	1307606	0.796m	0.699m
17)	MA 4,4'-DDT	6.785	5.893	202.4E6	193.4E6	88.467	91.527
18)	B Endrin al...	6.681	5.971	2887702	4627073	1.533m	2.473 #
20)	A Methoxychlor	7.265	6.473	269.8E6	259.8E6	221.054	214.388
21)	B Endrin ke...	7.394	6.697	4864291	5478523	2.032m	2.158

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

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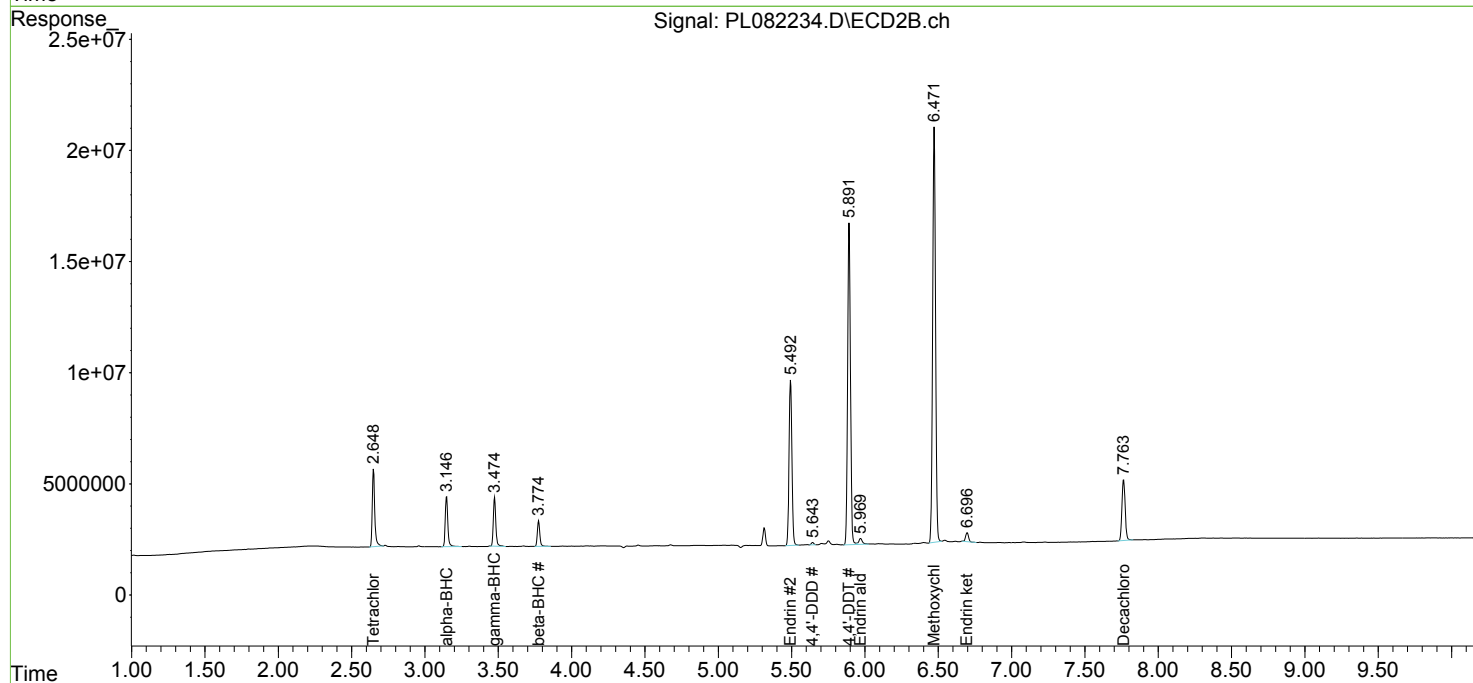
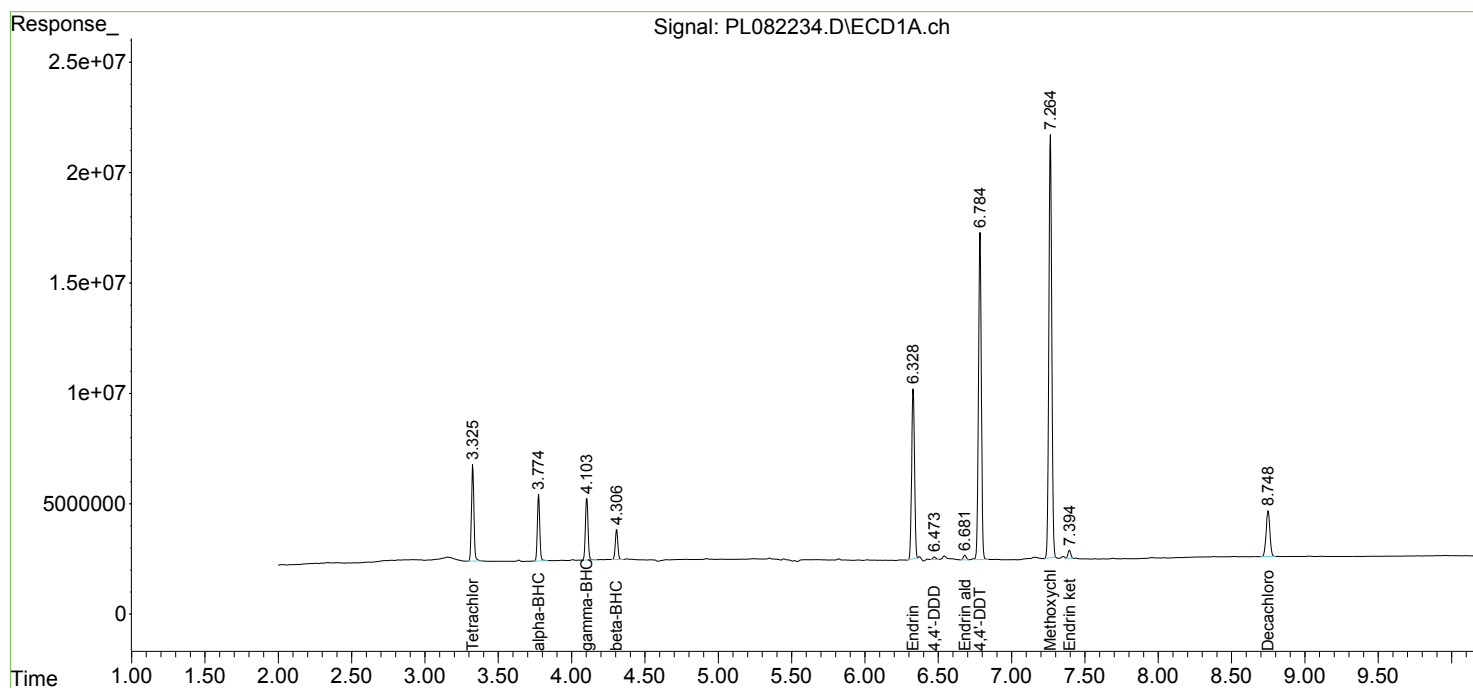
Instrument :
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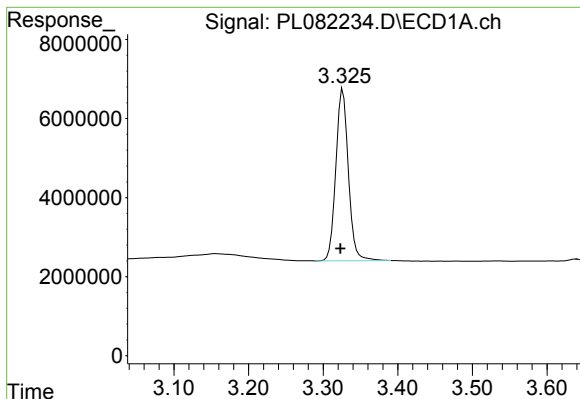
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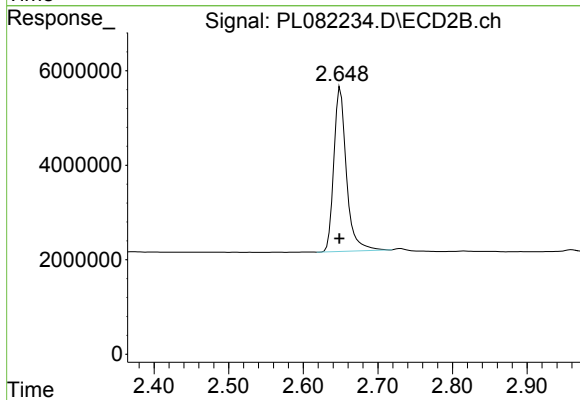
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 50817467
Conc: 19.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

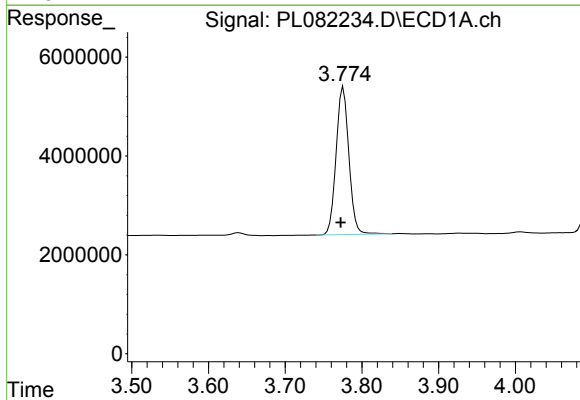
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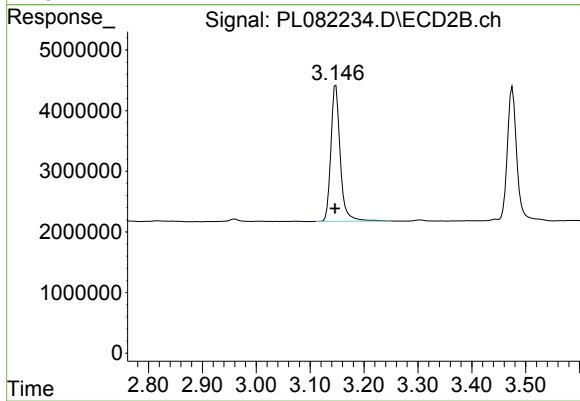
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: 0.001 min
Response: 40801651
Conc: 17.61 ng/ml



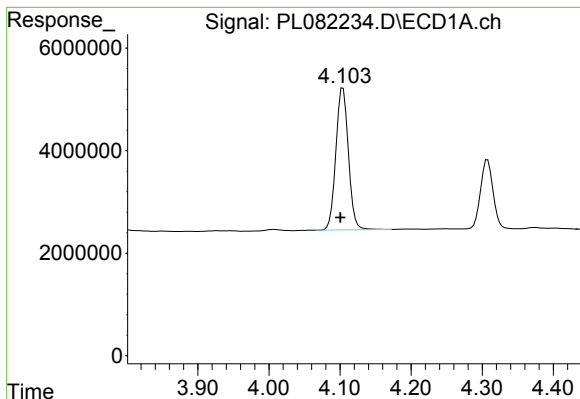
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: 0.004 min
Response: 34644828
Conc: 8.70 ng/ml



#2 alpha-BHC

R.T.: 3.148 min
Delta R.T.: 0.001 min
Response: 27168590
Conc: 7.98 ng/ml



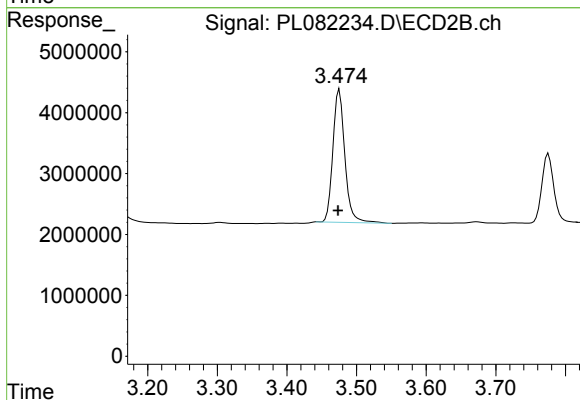
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 33875150
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

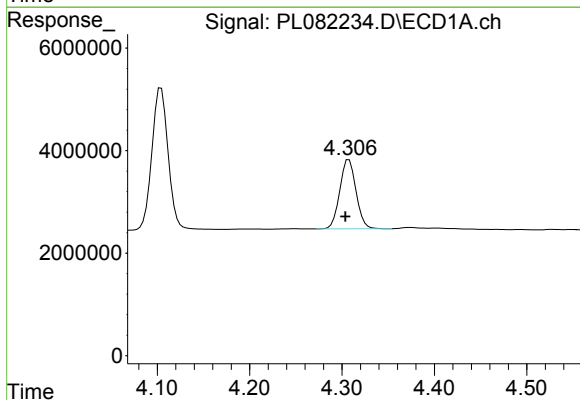
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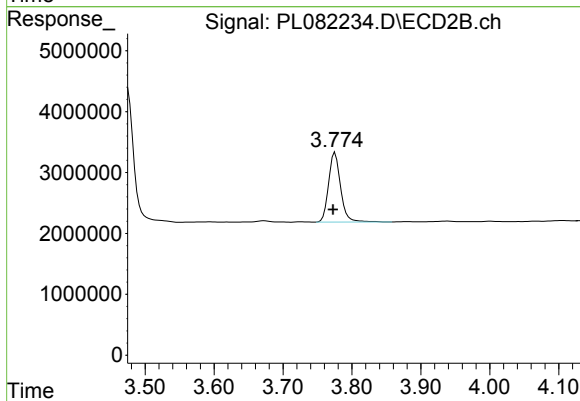
#3 gamma-BHC (Lindane)

R.T.: 3.475 min
Delta R.T.: 0.002 min
Response: 26165738
Conc: 8.14 ng/ml



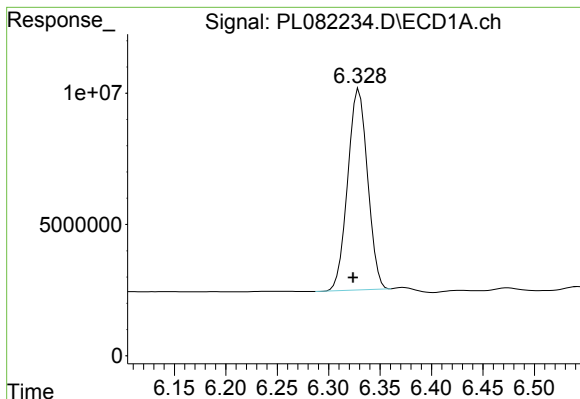
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: 0.004 min
Response: 16486255
Conc: 9.67 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: 0.003 min
Response: 13787912
Conc: 10.11 ng/ml



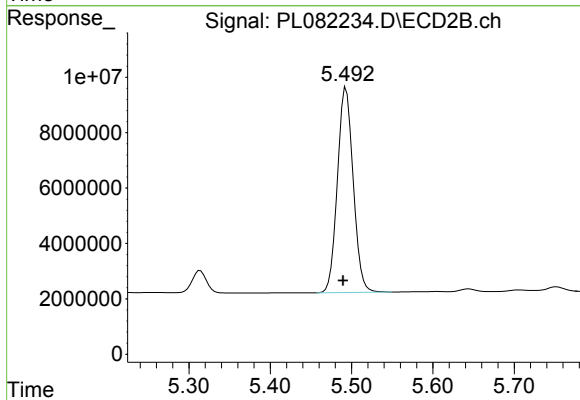
#14 Endrin

R.T.: 6.329 min
Delta R.T.: 0.006 min
Response: 103135879
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

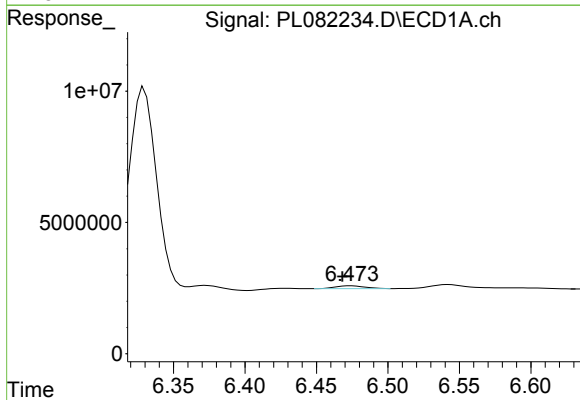
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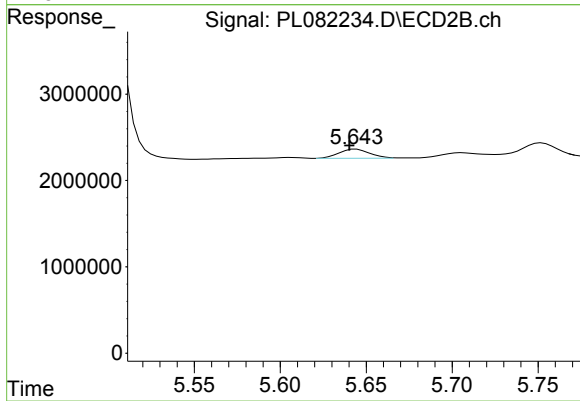
#14 Endrin

R.T.: 5.493 min
Delta R.T.: 0.004 min
Response: 99807424
Conc: 40.81 ng/ml



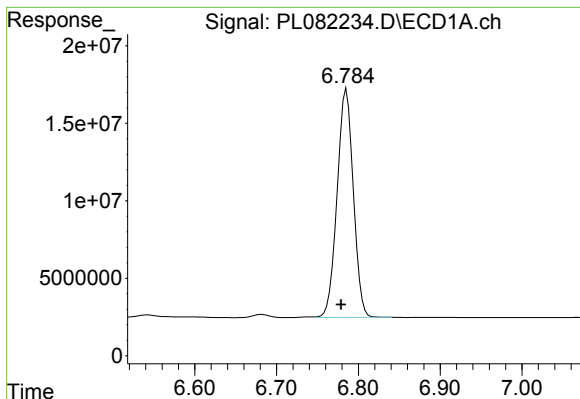
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 1613884
Conc: 0.80 ng/ml m



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 1307606
Conc: 0.70 ng/ml m



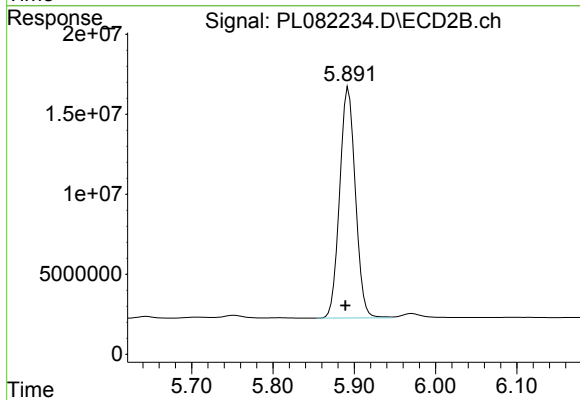
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.007 min
Response: 202387080
Conc: 88.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

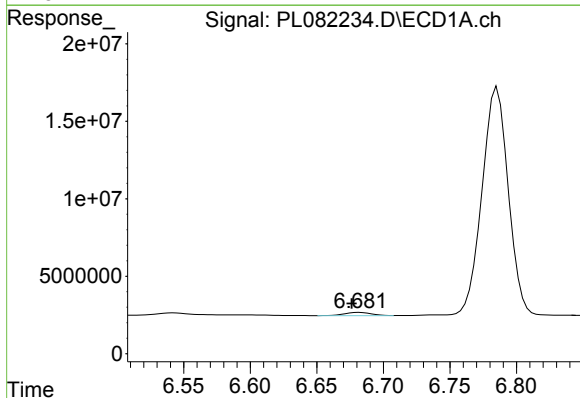
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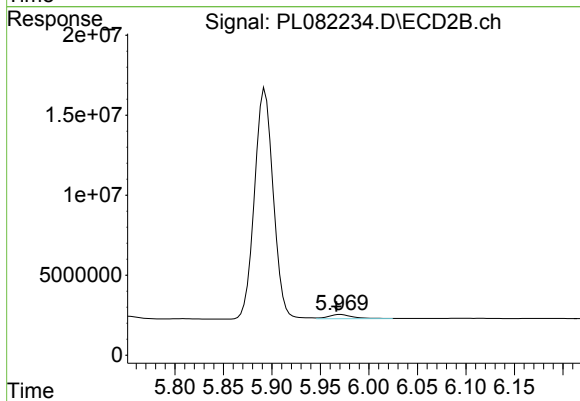
#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 193359929
Conc: 91.53 ng/ml



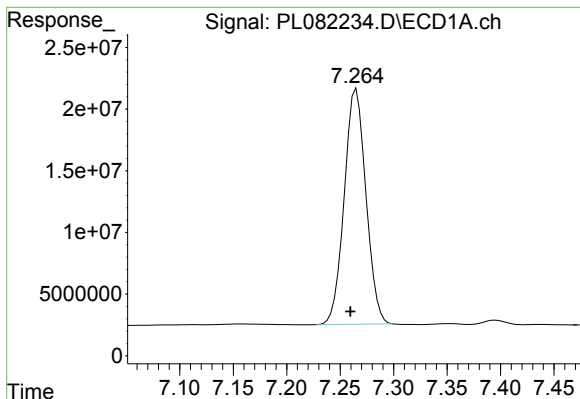
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: 0.005 min
Response: 2887702
Conc: 1.53 ng/ml m



#18 Endrin aldehyde

R.T.: 5.971 min
Delta R.T.: 0.004 min
Response: 4627073
Conc: 2.47 ng/ml



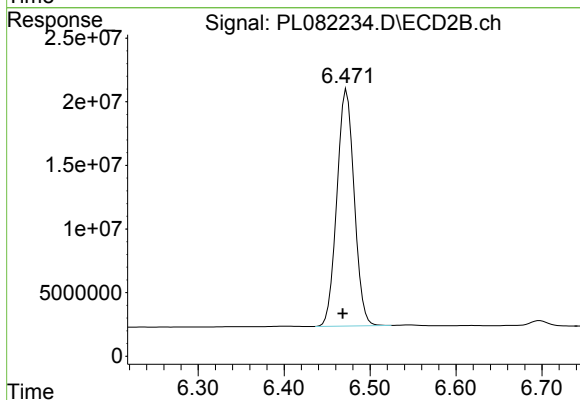
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: 0.005 min
Response: 269759016
Conc: 221.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

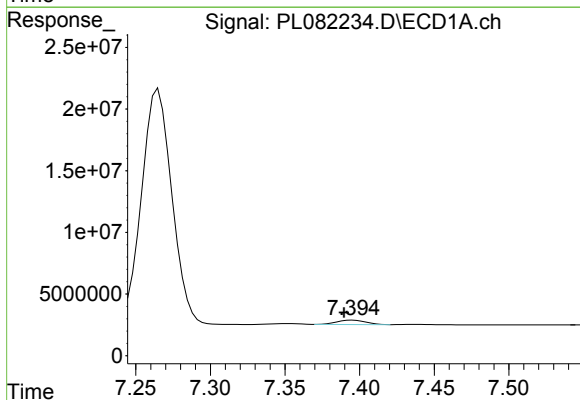
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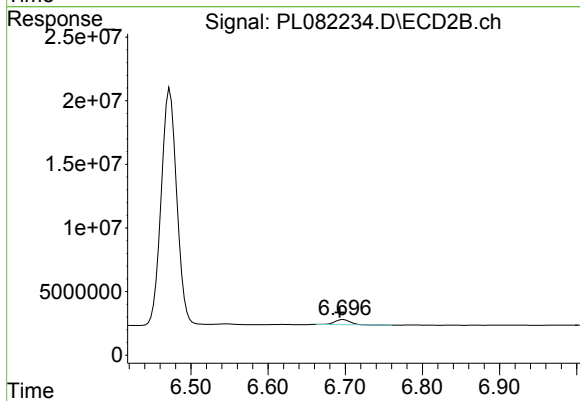
#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.005 min
Response: 259803468
Conc: 214.39 ng/ml



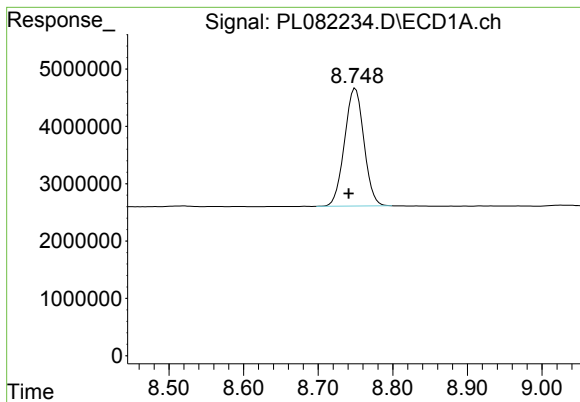
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 4864291
Conc: 2.03 ng/ml m



#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: 0.005 min
Response: 5478523
Conc: 2.16 ng/ml



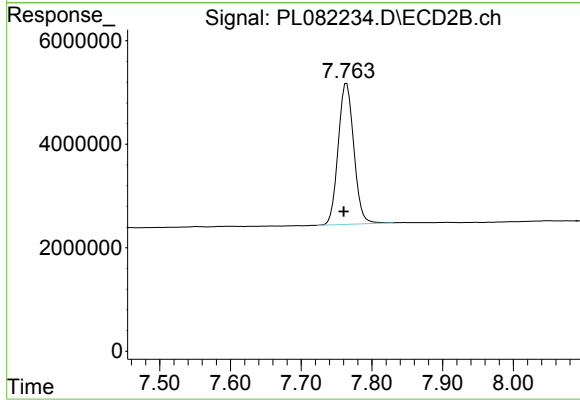
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: 0.009 min
Response: 37044994
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: 0.004 min
Response: 41834658
Conc: 18.33 ng/ml