

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051223\
 Data File : PL082683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2023 10:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 23:12:31 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...	3.320	2.642	47290382	39629515	17.704	17.106
28)	SA Decachlor...	8.739	7.752	36622138	39245758	19.183	17.194
Target Compounds							
2)	A alpha-BHC	3.769	3.139	31727246	25757137	7.971	7.568
3)	MA gamma-BHC...	4.097	3.466	31957256	24518808	8.547	7.626
6)	B beta-BHC	4.301	3.766	16026098	11782357	9.397	8.636
14)	MA Endrin	6.322	5.482	101.3E6	89524305	41.775	36.601
16)	A 4,4'-DDD	6.467	5.634	398156	323496	0.196m	0.173m
17)	MA 4,4'-DDT	6.778	5.882	202.2E6	179.5E6	88.404	84.943
18)	B Endrin al...	6.674	5.958	2317606	3333830	1.230	1.781m#
20)	A Methoxychlor	7.258	6.460	269.8E6	245.1E6	221.051	202.240m
21)	B Endrin ke...	7.388	6.685	3411943	4157559	1.425	1.638

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

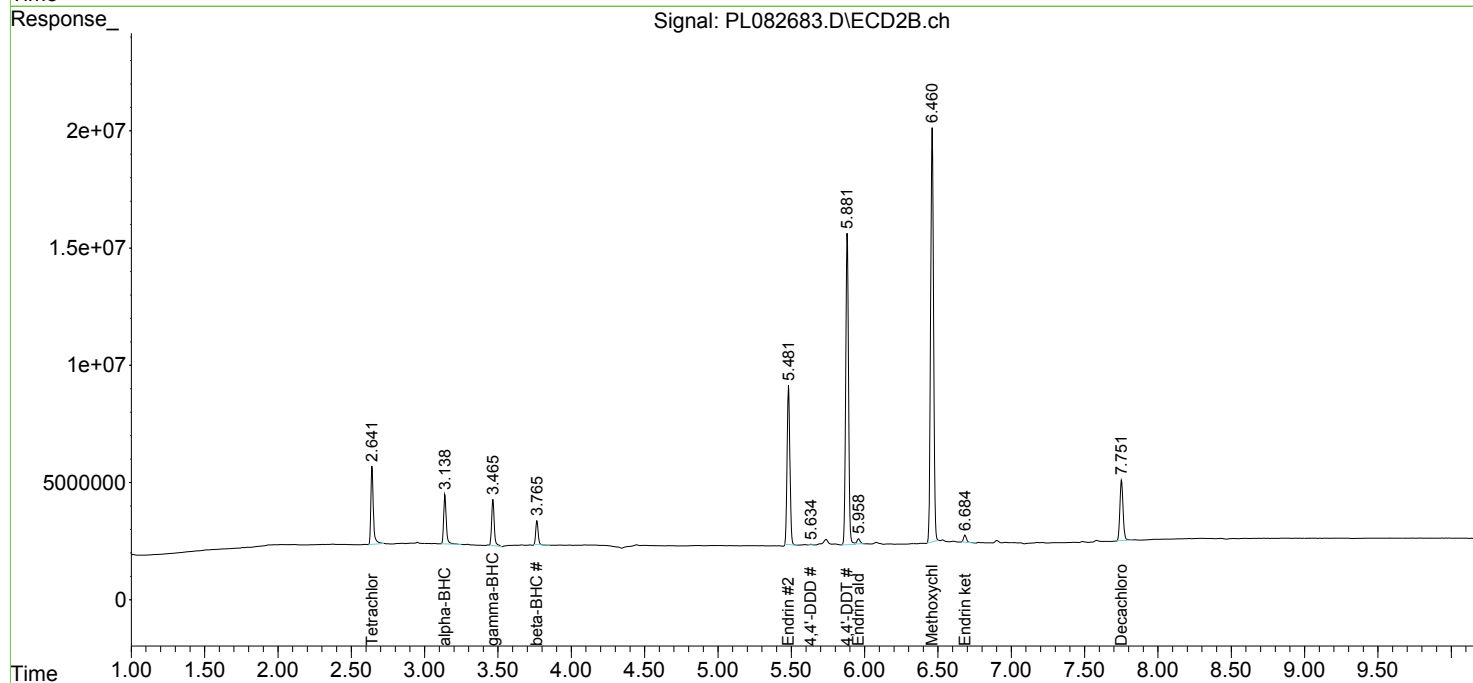
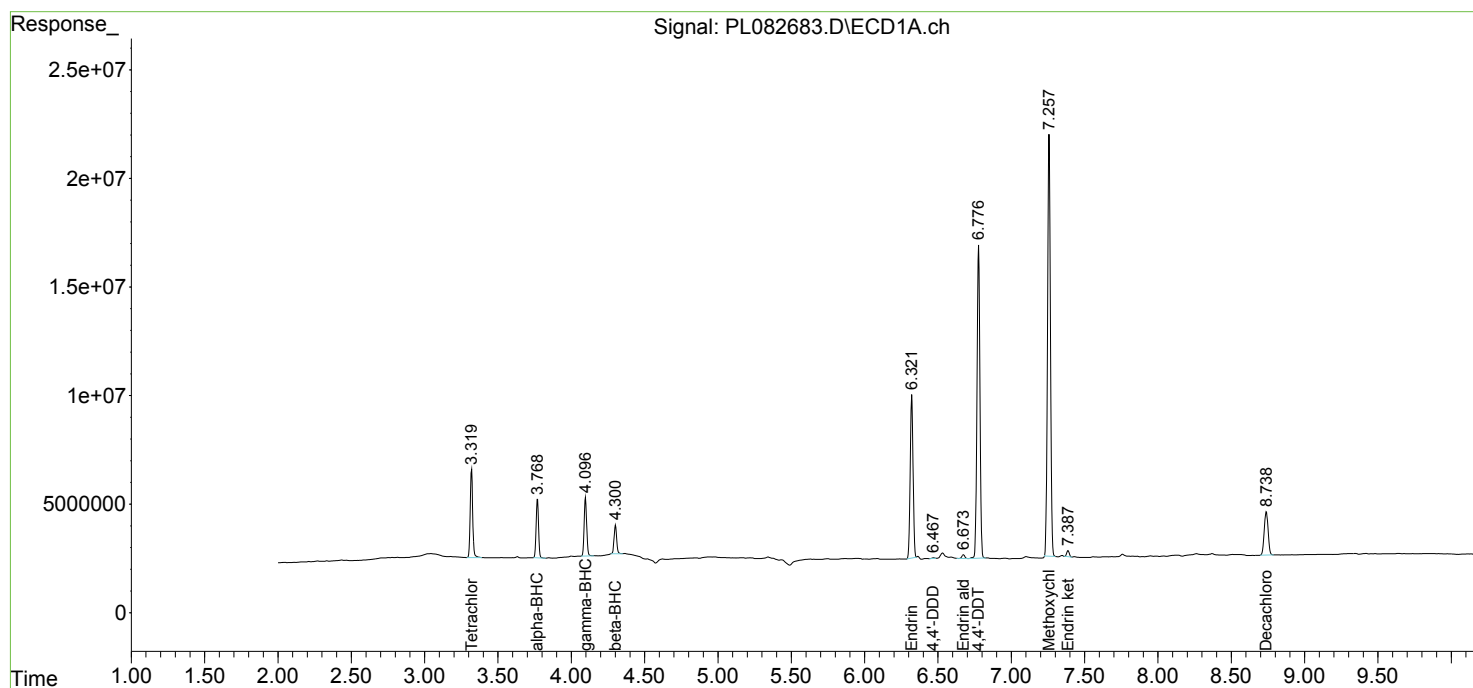
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PEM

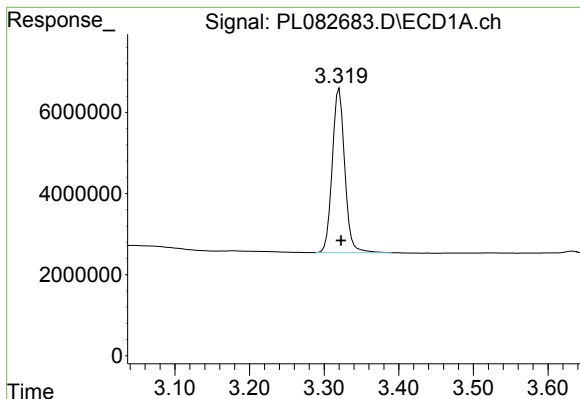
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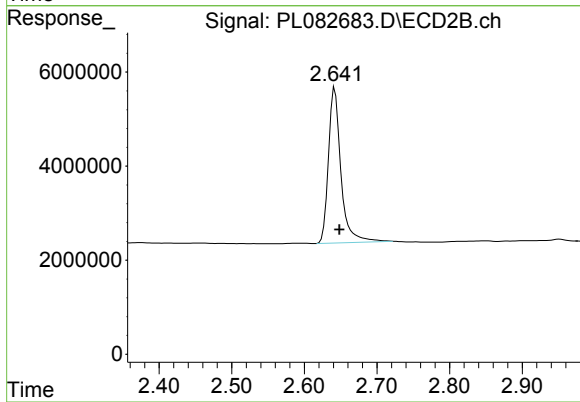
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 47290382
Conc: 17.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

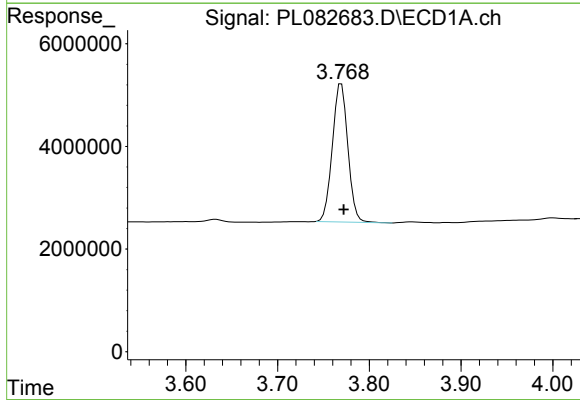
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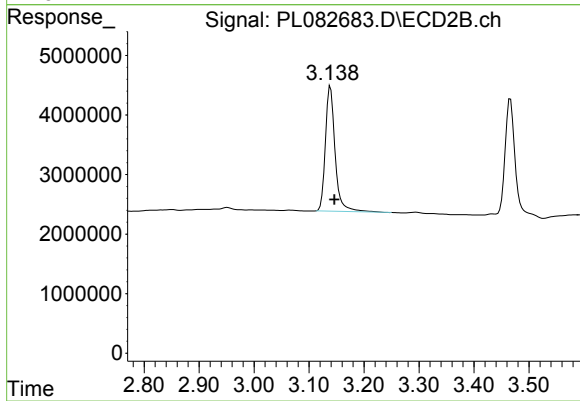
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 39629515
Conc: 17.11 ng/ml



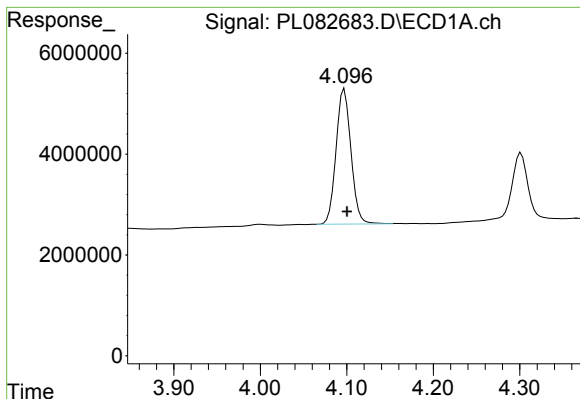
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 31727246
Conc: 7.97 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 25757137
Conc: 7.57 ng/ml



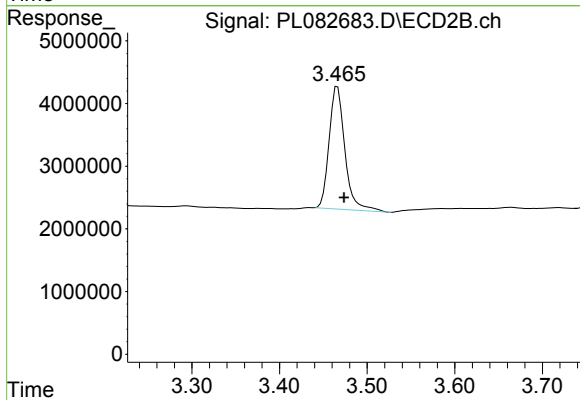
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 31957256
Conc: 8.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

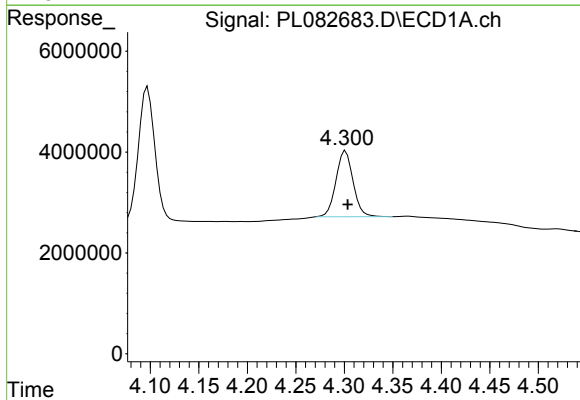
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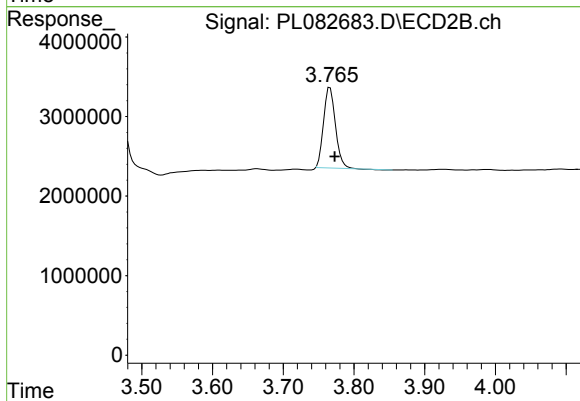
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 24518808
Conc: 7.63 ng/ml



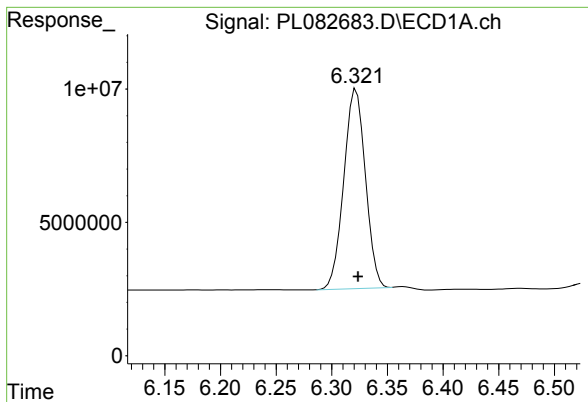
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 16026098
Conc: 9.40 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 11782357
Conc: 8.64 ng/ml



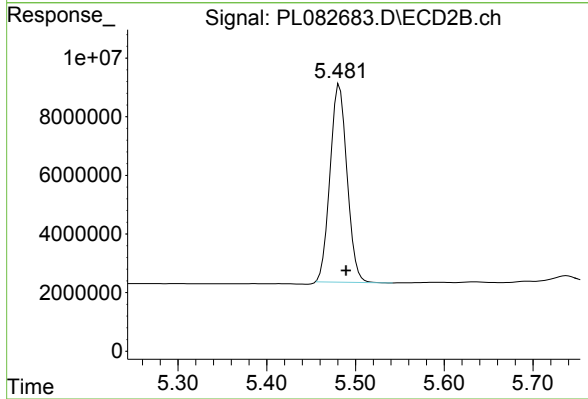
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 101285914
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

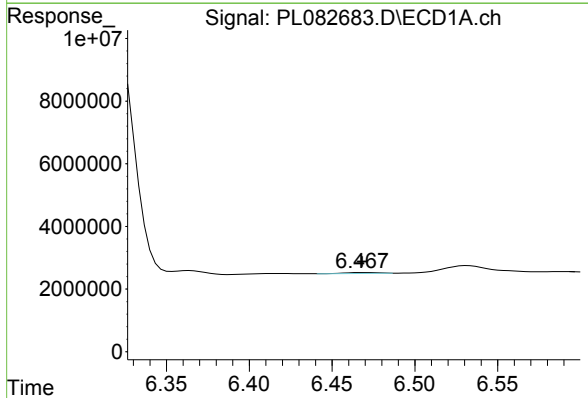
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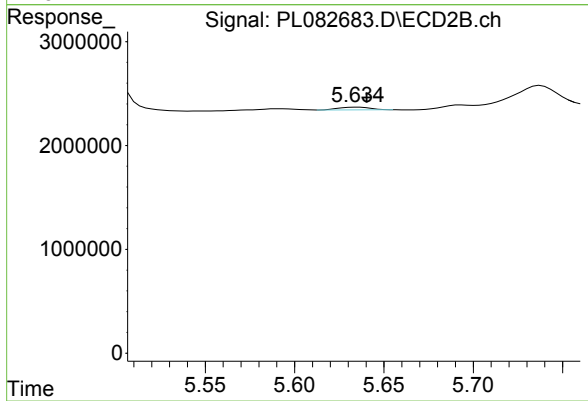
#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.008 min
Response: 89524305
Conc: 36.60 ng/ml



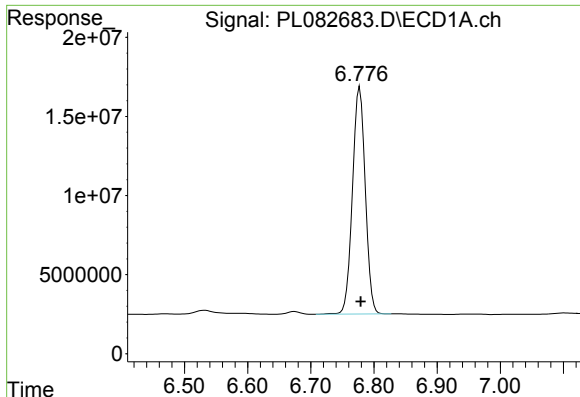
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 398156
Conc: 0.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 323496
Conc: 0.17 ng/ml m



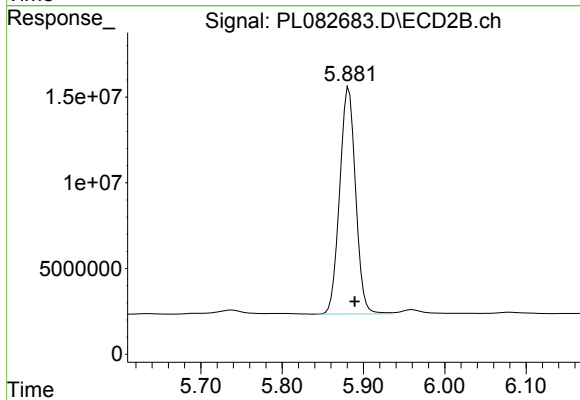
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 202242425
Conc: 88.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

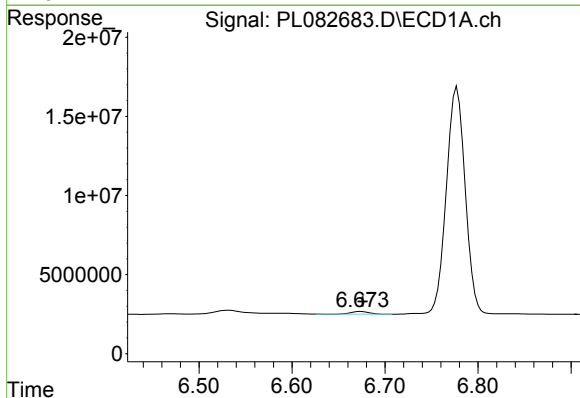
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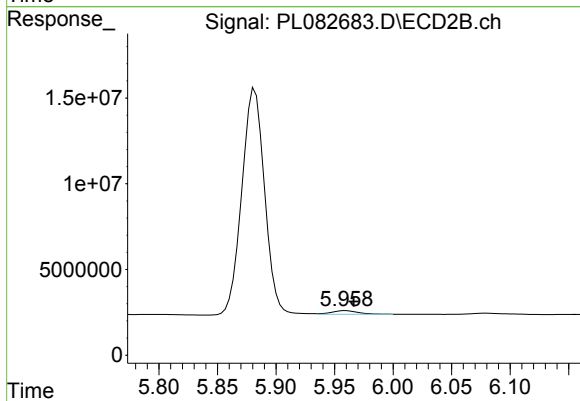
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 179450822
Conc: 84.94 ng/ml



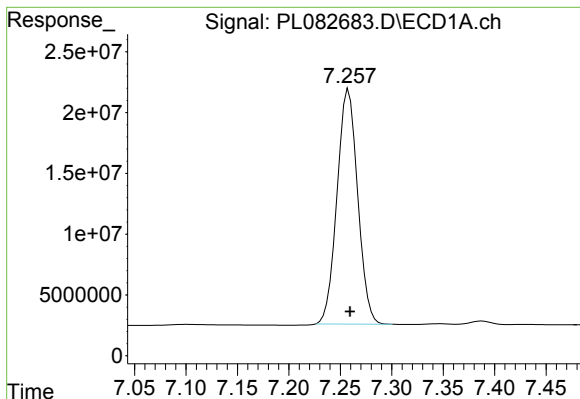
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 2317606
Conc: 1.23 ng/ml



#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 3333830
Conc: 1.78 ng/ml m



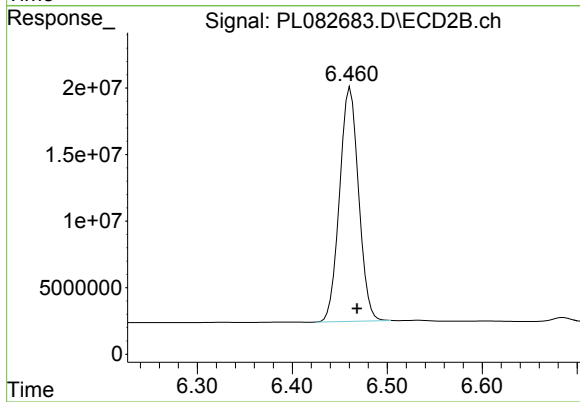
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 269755305
Conc: 221.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

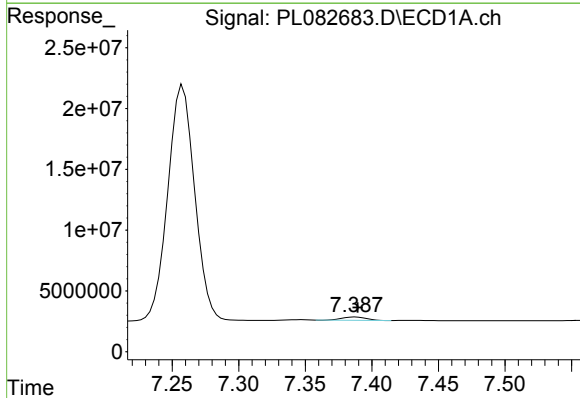
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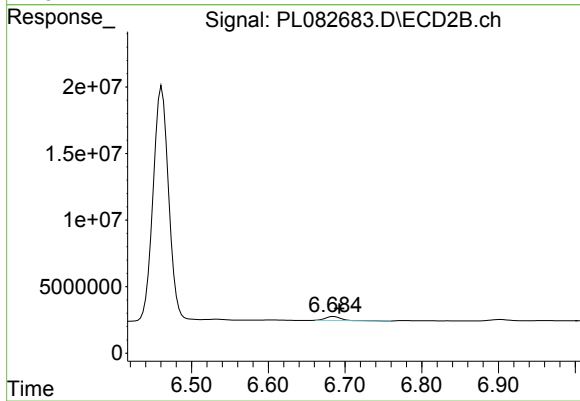
#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 245081053
Conc: 202.24 ng/ml m



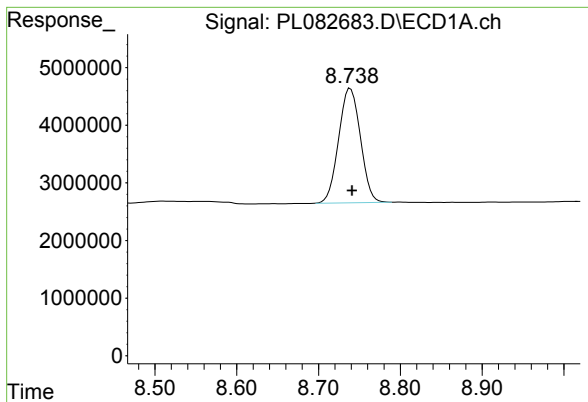
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 3411943
Conc: 1.42 ng/ml



#21 Endrin ketone

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 4157559
Conc: 1.64 ng/ml



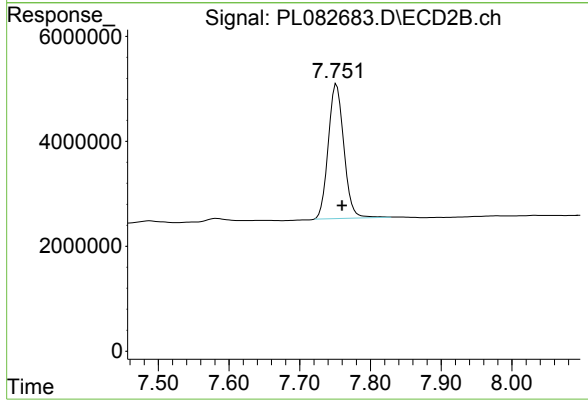
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 36622138
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 39245758
Conc: 17.19 ng/ml