

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011223\
 Data File : PL080242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 20:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/12/2023
 Supervised By :Ankita Jodhani 01/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 01:53:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.352	2.690	38461756	43509405	19.253	19.454
28)	SA Decachlor...	8.787	7.841	28587306	44973271	19.376	20.007
Target Compounds							
2)	A alpha-BHC	3.799	3.192	25162752	28504537	8.712	8.898
3)	MA gamma-BHC...	4.128	3.520	24208545	27406055	9.056	9.078
6)	B beta-BHC	4.324	3.816	11696658	14255089	9.896	10.591
14)	MA Endrin	6.356	5.554	83343436	110.9E6	45.438m	46.591
16)	A 4,4'-DDD	6.506	5.706	717364	755471	0.453	0.408m
17)	MA 4,4'-DDT	6.813	5.958	170.3E6	223.8E6	96.583	106.222
18)	B Endrin al...	6.706	6.031	1840453	4688007	1.276	2.575 #
20)	A Methoxychlor	7.290	6.536	224.3E6	293.7E6	251.808	244.369
21)	B Endrin ke...	7.419	6.754	3358842	5836798	1.803	2.318 #

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

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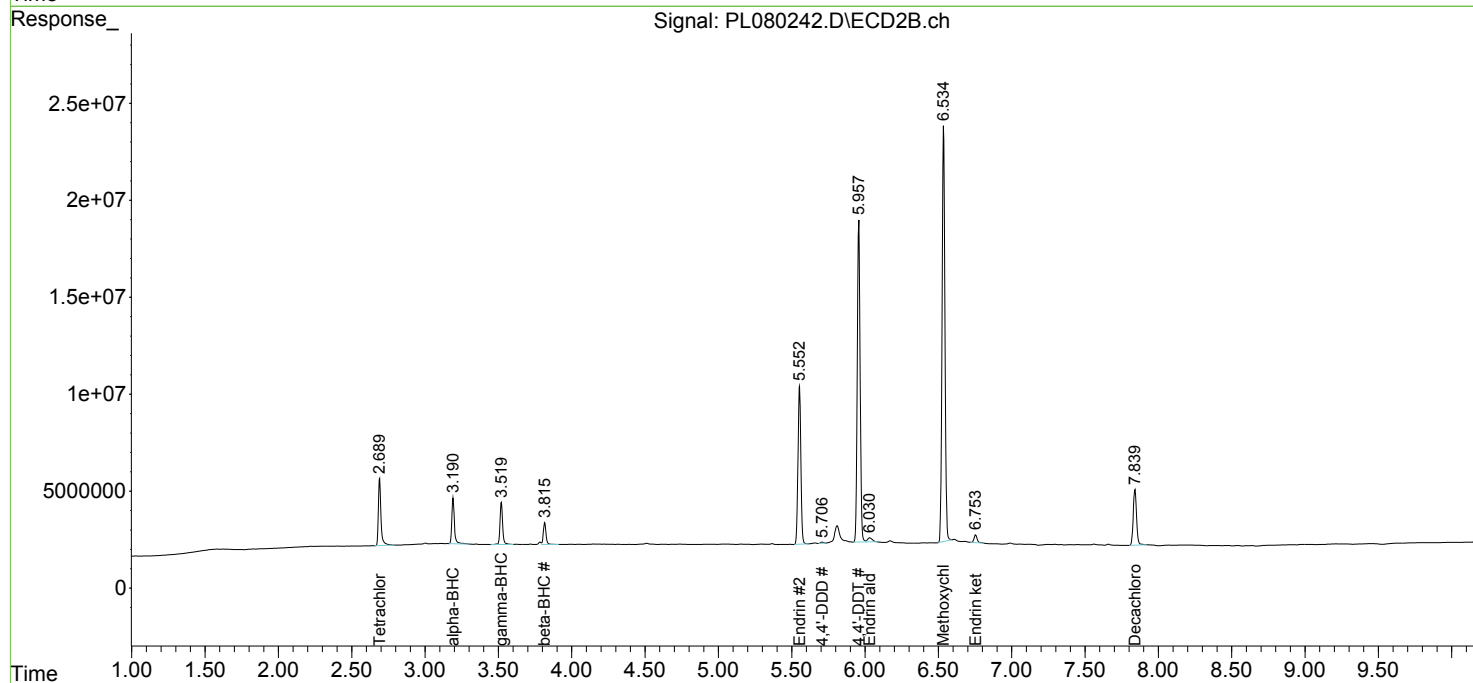
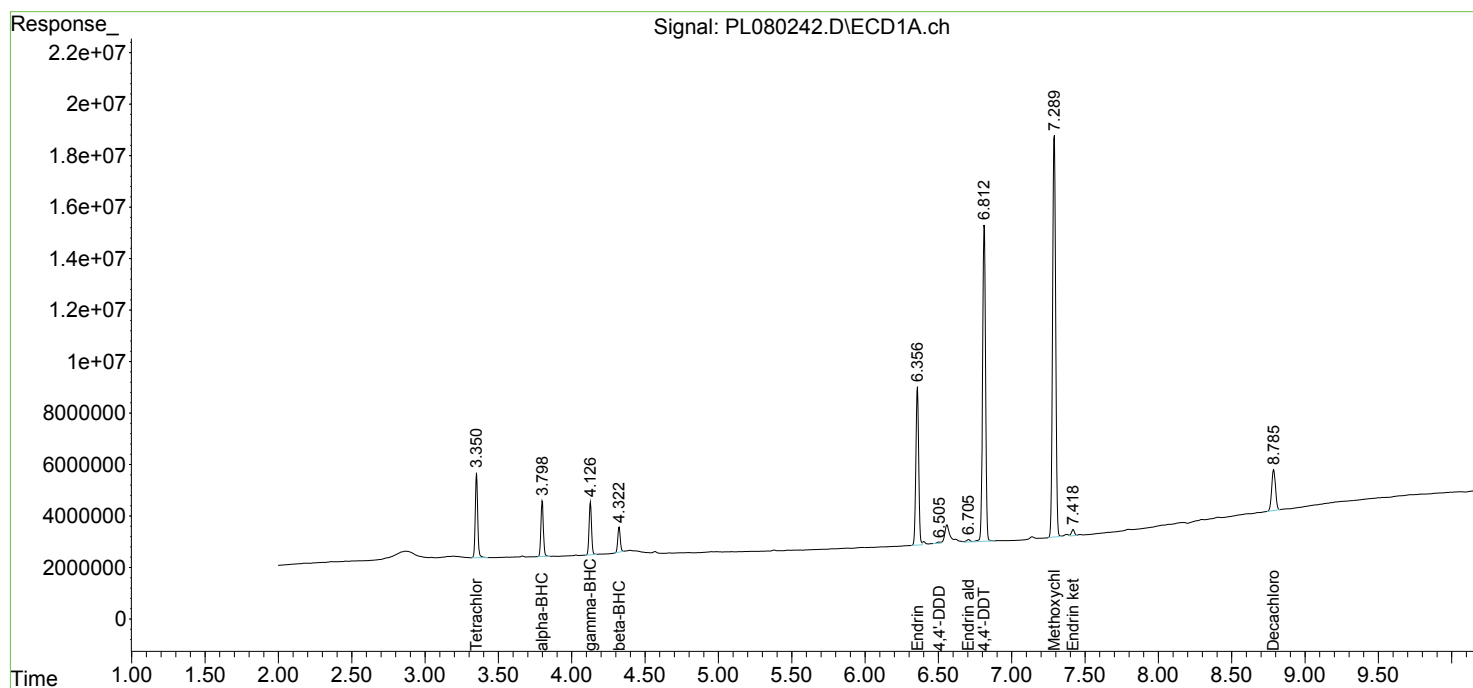
Instrument :
ECD_L
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PEM

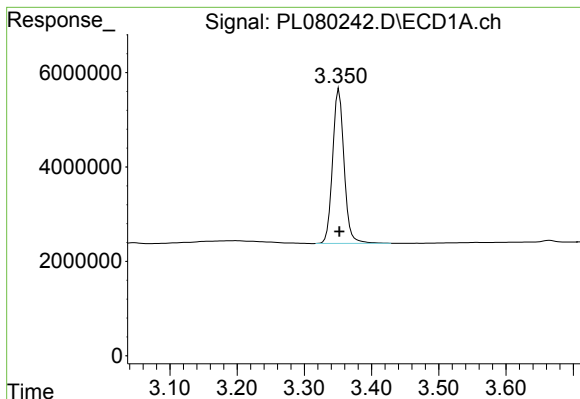
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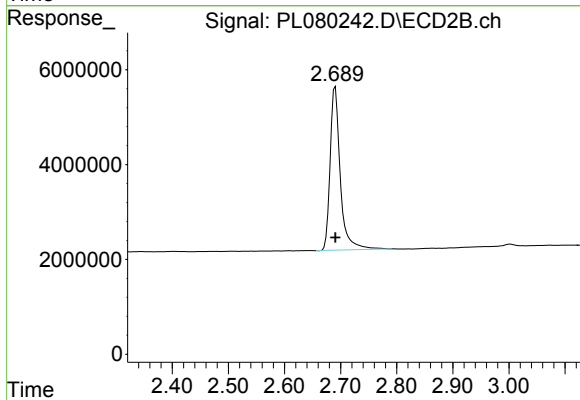
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 38461756
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

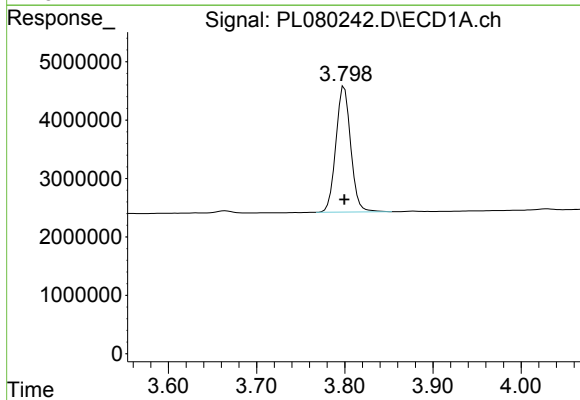
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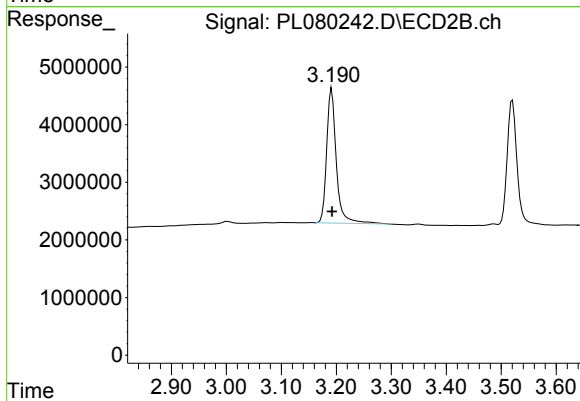
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 43509405
Conc: 19.45 ng/ml



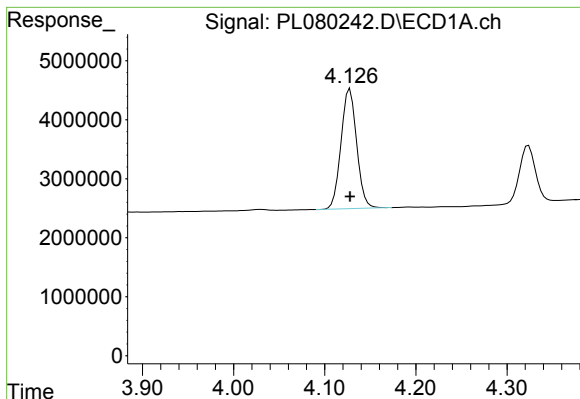
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 25162752
Conc: 8.71 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 28504537
Conc: 8.90 ng/ml



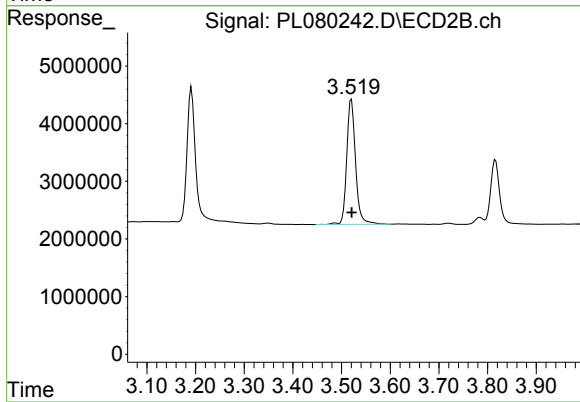
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 24208545
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

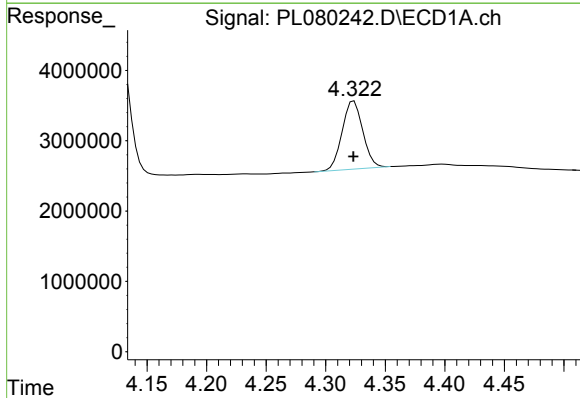
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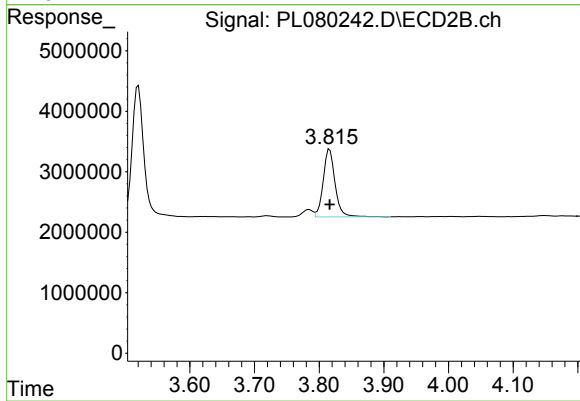
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 27406055
Conc: 9.08 ng/ml



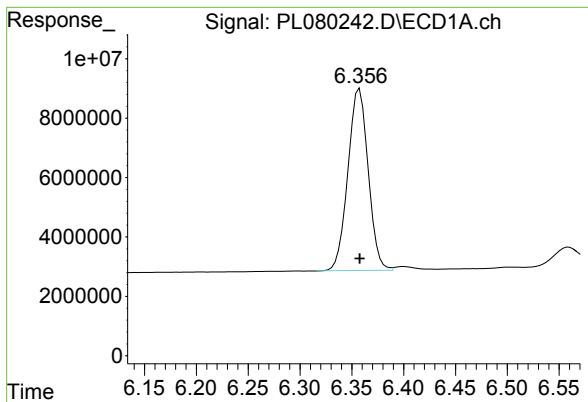
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 11696658
Conc: 9.90 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 14255089
Conc: 10.59 ng/ml



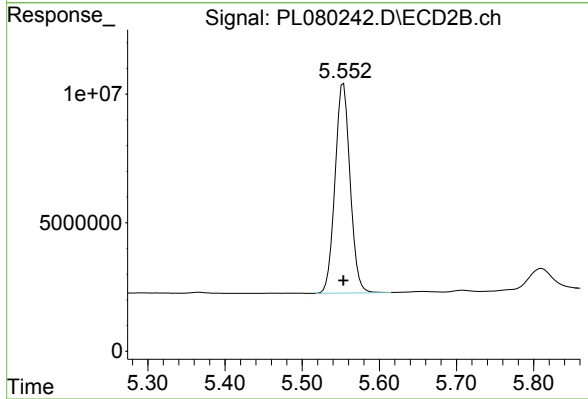
#14 Endrin

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 83343436
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

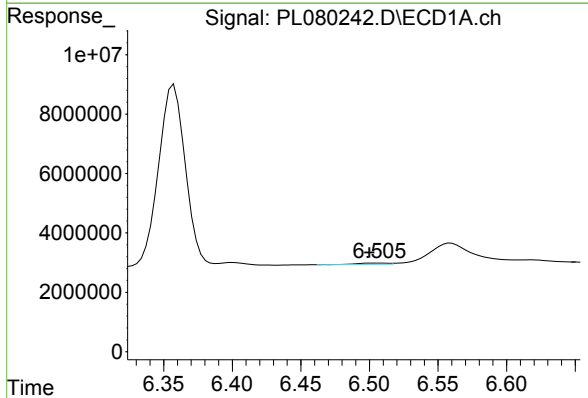
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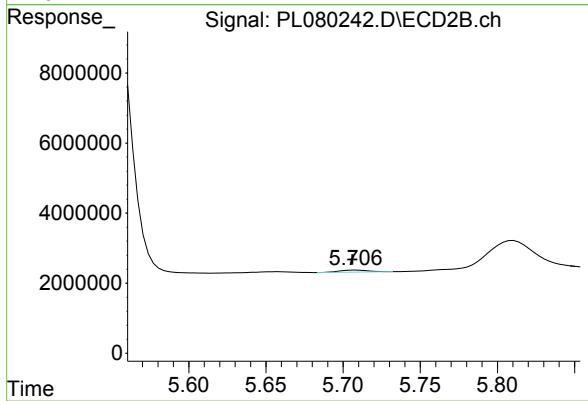
#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 110852061
Conc: 46.59 ng/ml



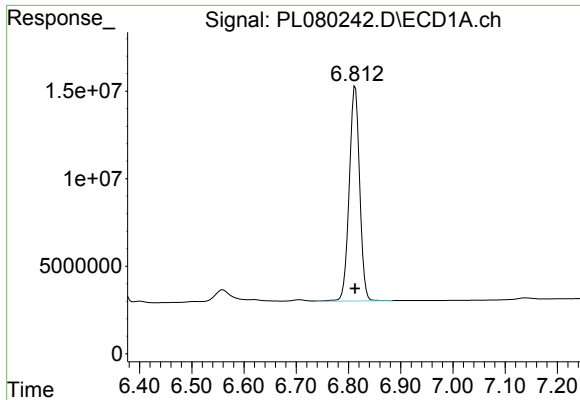
#16 4,4'-DDD

R.T.: 6.506 min
Delta R.T.: 0.006 min
Response: 717364
Conc: 0.45 ng/ml



#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 755471
Conc: 0.41 ng/ml m



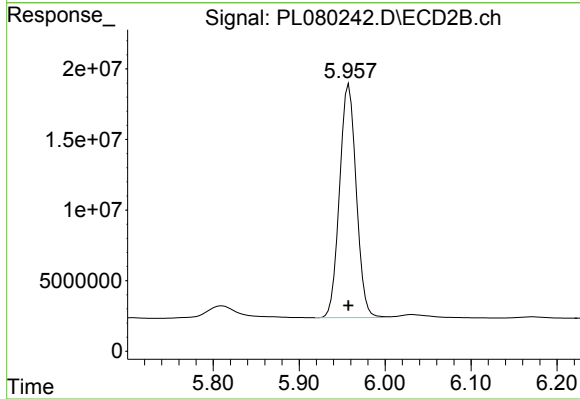
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 170331398
Conc: 96.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

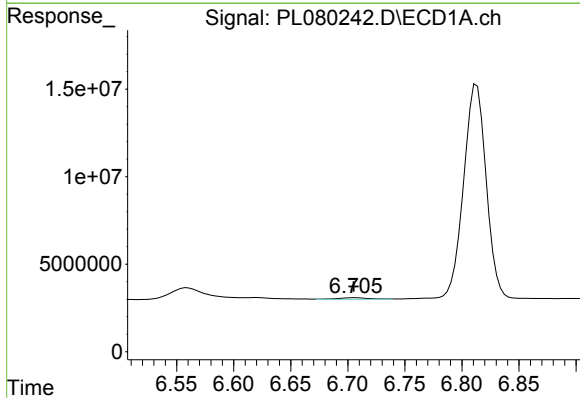
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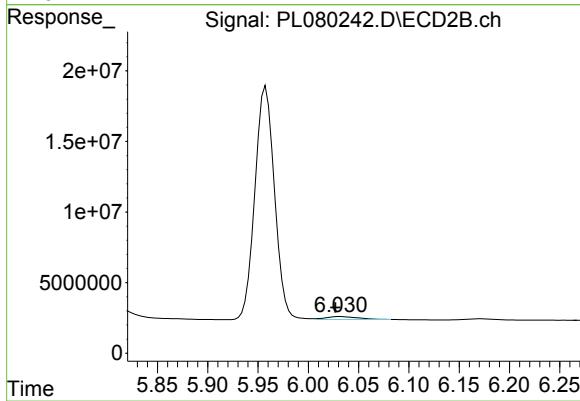
#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 223836138
Conc: 106.22 ng/ml



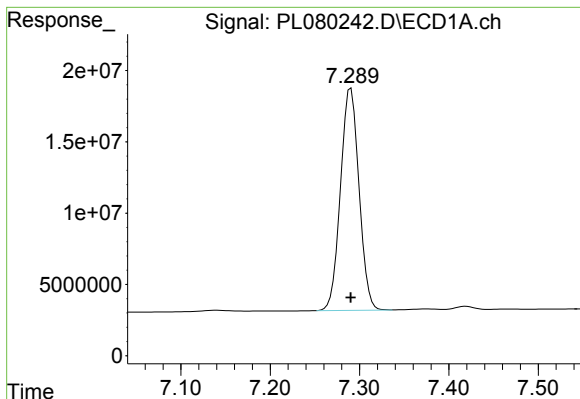
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1840453
Conc: 1.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 4688007
Conc: 2.57 ng/ml



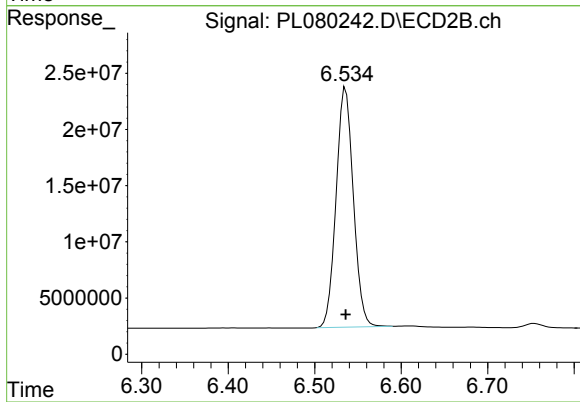
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 224349628
Conc: 251.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

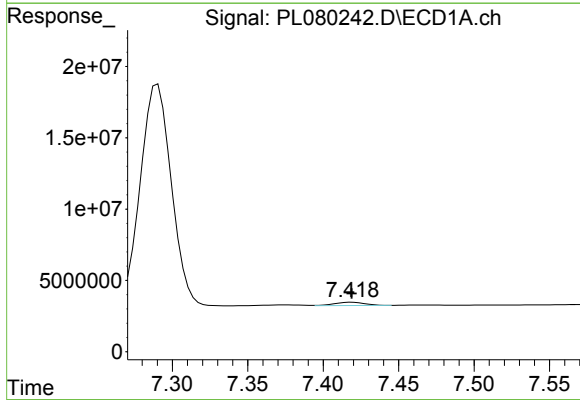
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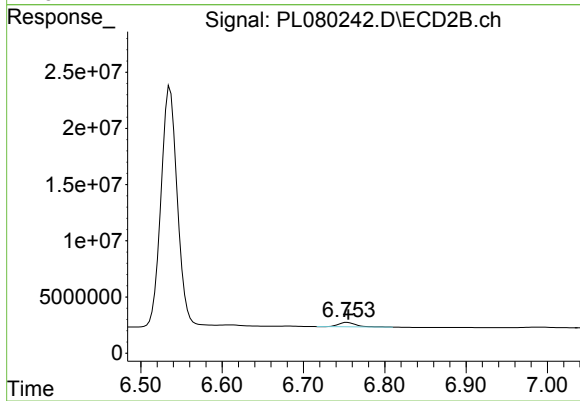
#20 Methoxychlor

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 293731719
Conc: 244.37 ng/ml



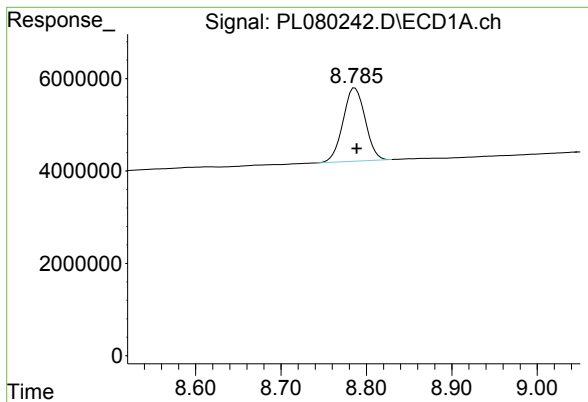
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 3358842
Conc: 1.80 ng/ml



#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 5836798
Conc: 2.32 ng/ml



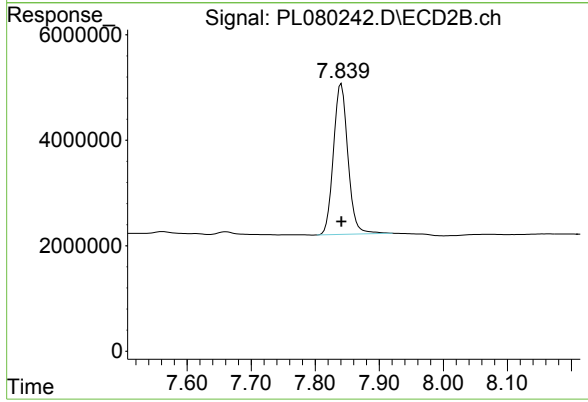
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.002 min
Response: 28587306
Conc: 19.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 44973271
Conc: 20.01 ng/ml