

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 18:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2023
 Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:36:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.313	2.632	48453448	45025711	16.486	17.344
28)	SA Decachlor...	8.728	7.733	38279843	44015640	18.252	17.702
Target Compounds							
2)	A alpha-BHC	3.762	3.127	34371956	28461749	7.743	7.628
3)	MA gamma-BHC...	4.090	3.451	33095977	28119340	7.989	8.436m
6)	B beta-BHC	4.294	3.754	18647092	13693521	9.904	9.575
14)	MA Endrin	6.313	5.465	100.5E6	90415434	37.413	35.639
16)	A 4,4'-DDD	6.457	5.616	3963784	3560239	1.824	1.851
17)	MA 4,4'-DDT	6.768	5.863	198.7E6	189.5E6	79.394	84.941m
18)	B Endrin al...	6.665	5.942	2974695	3315262	1.479	1.677
20)	A Methoxychlor	7.249	6.442	263.8E6	255.6E6	199.464	201.022m
21)	B Endrin ke...	7.379	6.667	5296667	6581342	2.076	2.434

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

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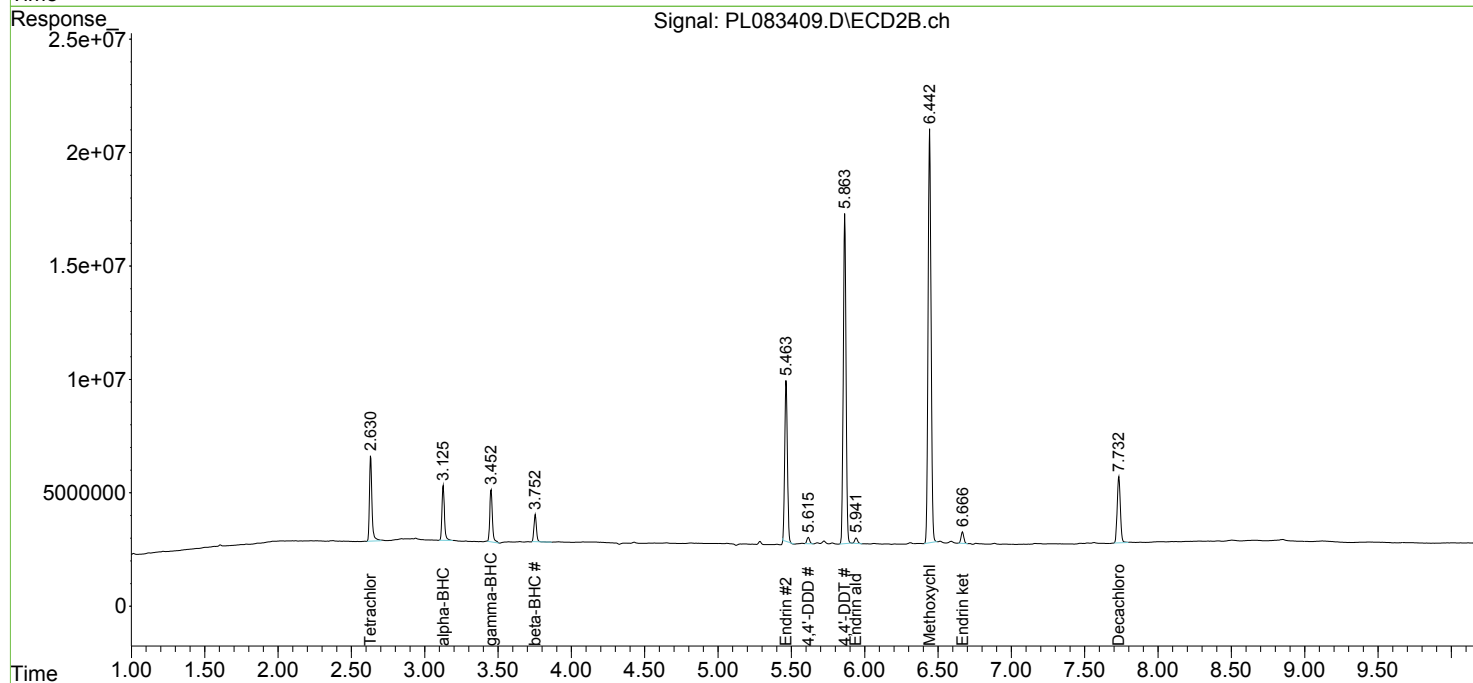
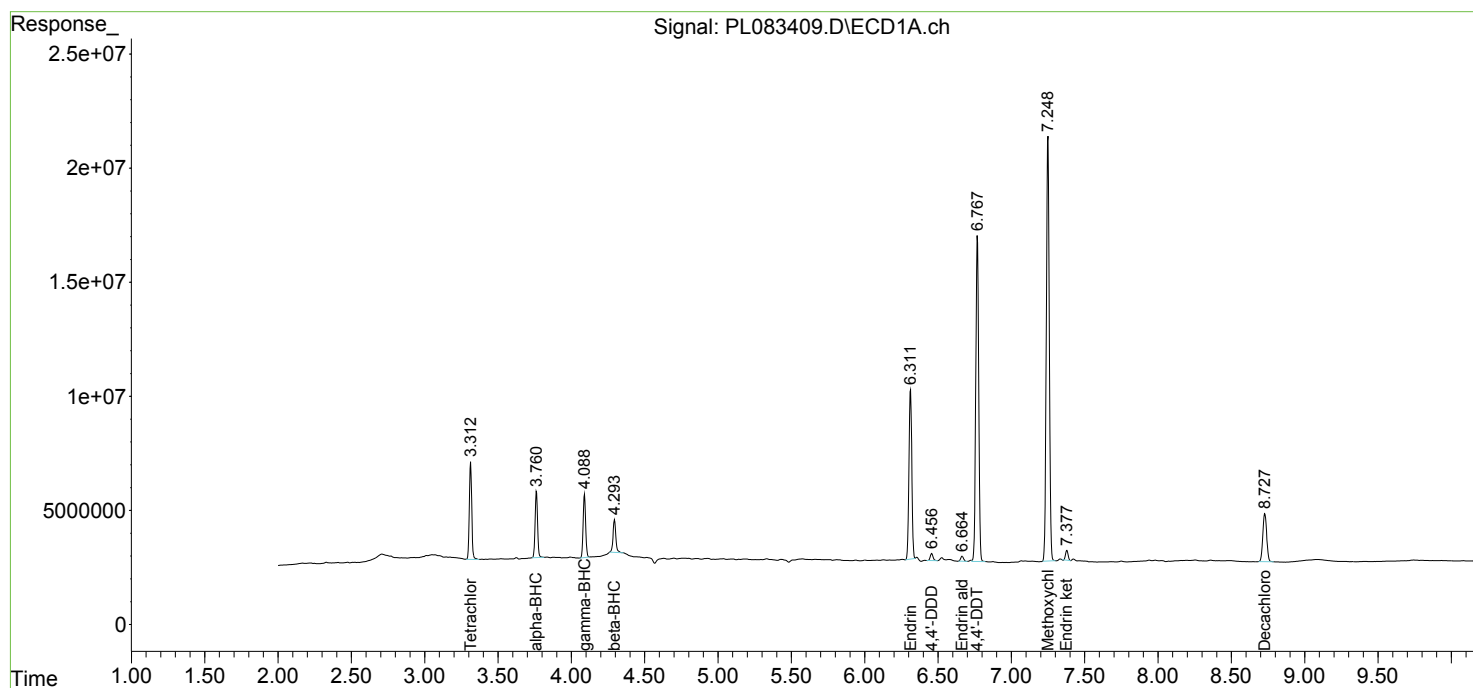
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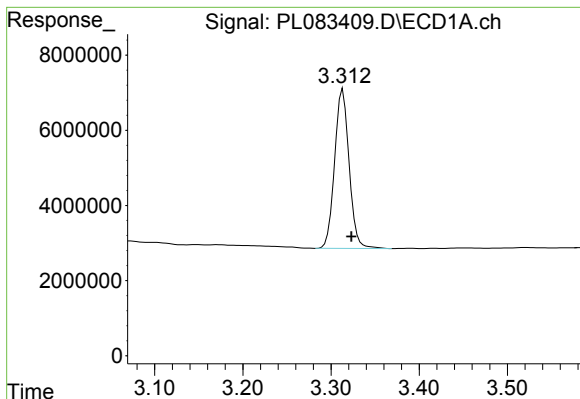
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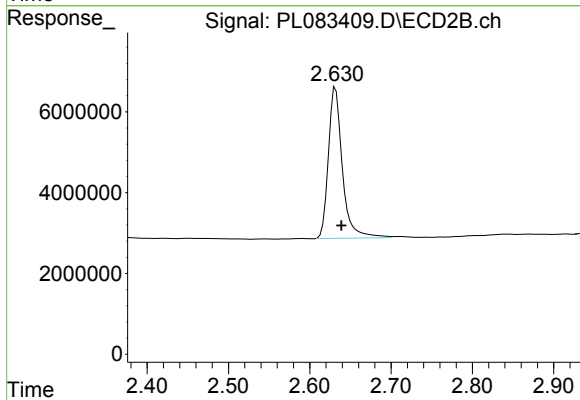
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 48453448
Conc: 16.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

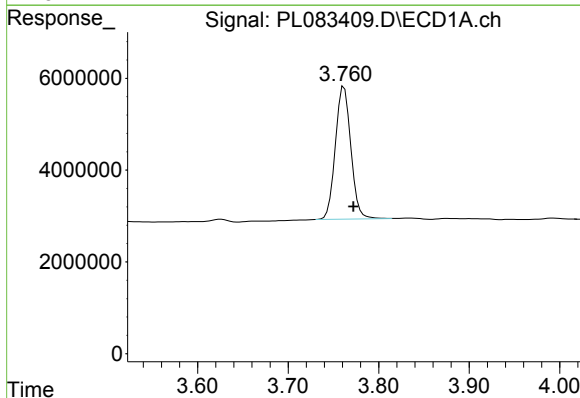
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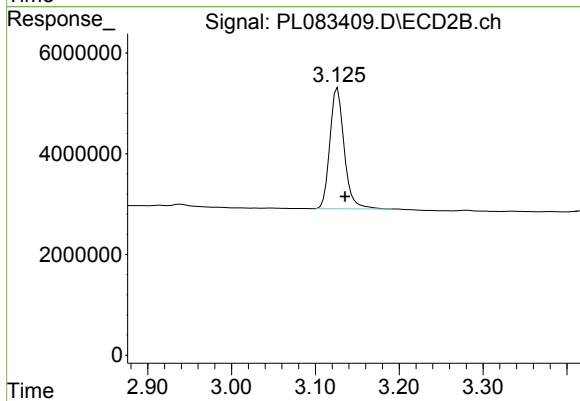
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 45025711
Conc: 17.34 ng/ml



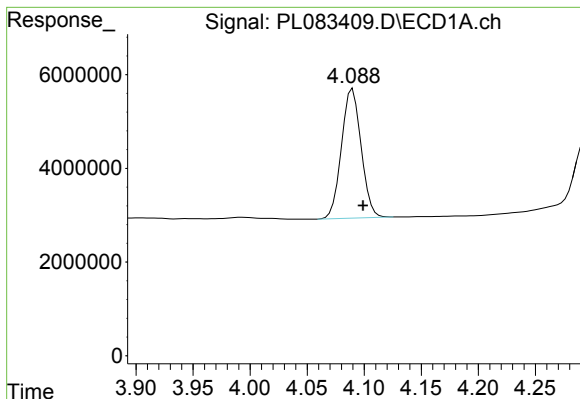
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 34371956
Conc: 7.74 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.009 min
Response: 28461749
Conc: 7.63 ng/ml



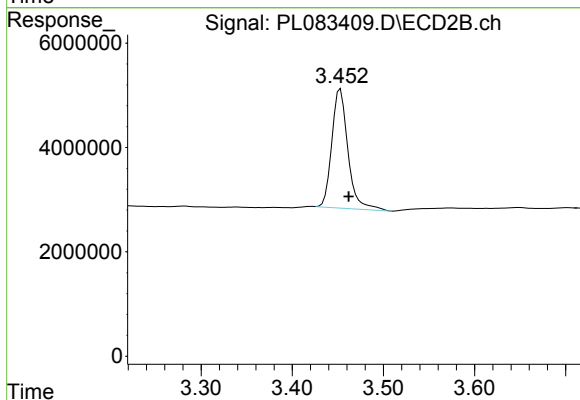
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 33095977
Conc: 7.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

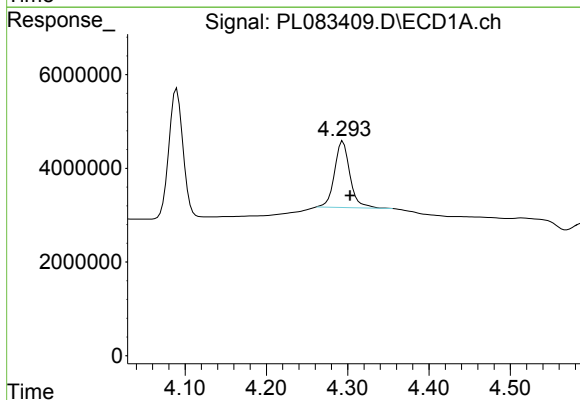
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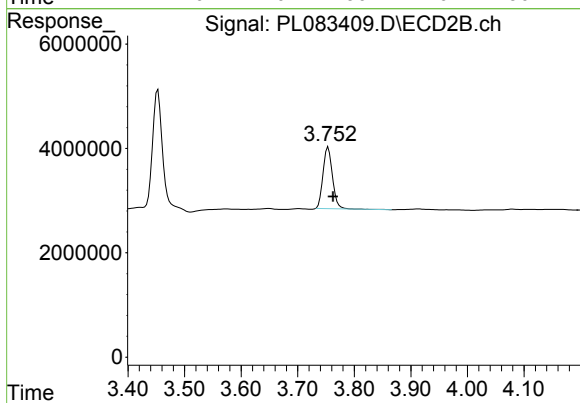
#3 gamma-BHC (Lindane)

R.T.: 3.451 min
Delta R.T.: -0.010 min
Response: 28119340
Conc: 8.44 ng/ml m



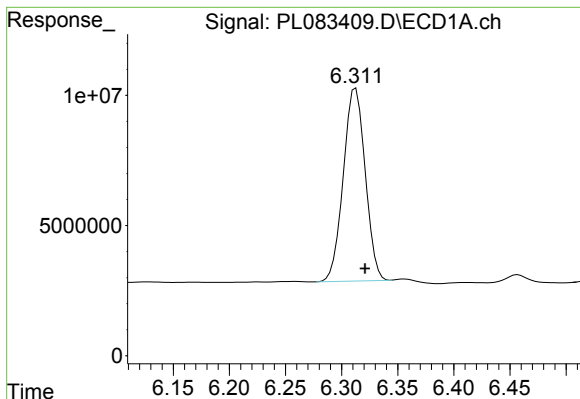
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 18647092
Conc: 9.90 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 13693521
Conc: 9.58 ng/ml



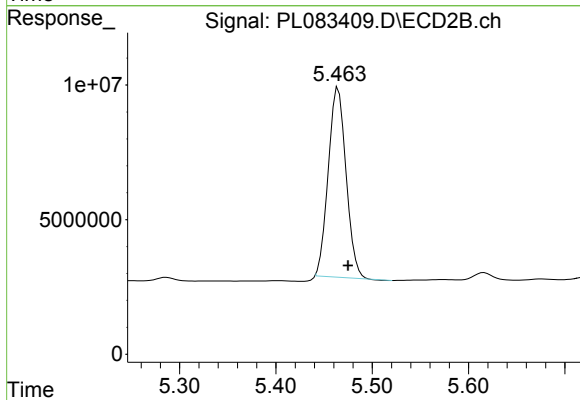
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 100537485
Conc: 37.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

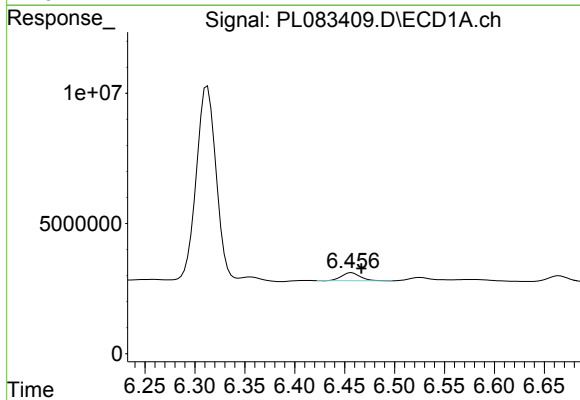
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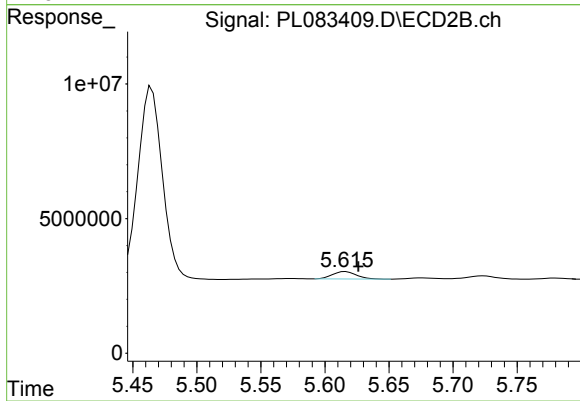
#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 90415434
Conc: 35.64 ng/ml



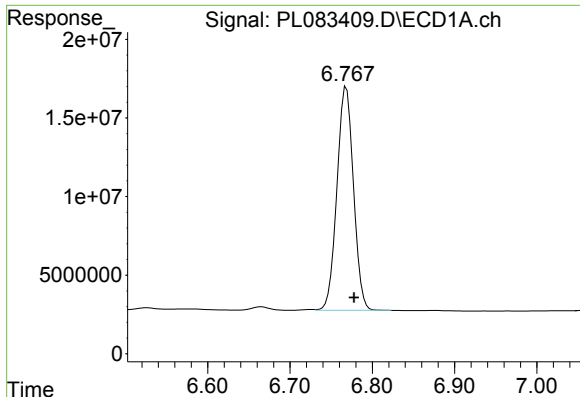
#16 4,4'-DDD

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 3963784
Conc: 1.82 ng/ml



#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 3560239
Conc: 1.85 ng/ml



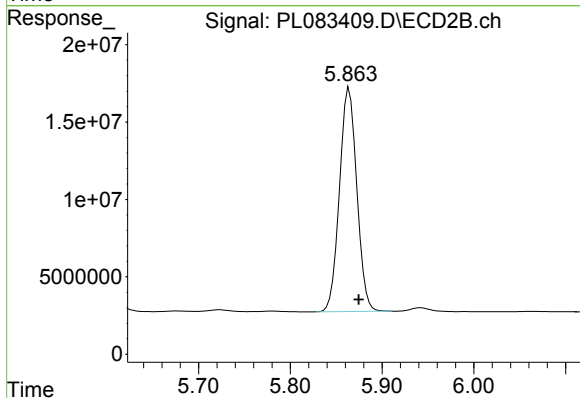
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 198738003
Conc: 79.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

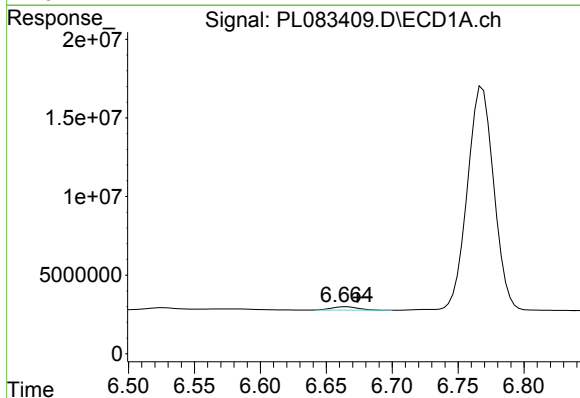
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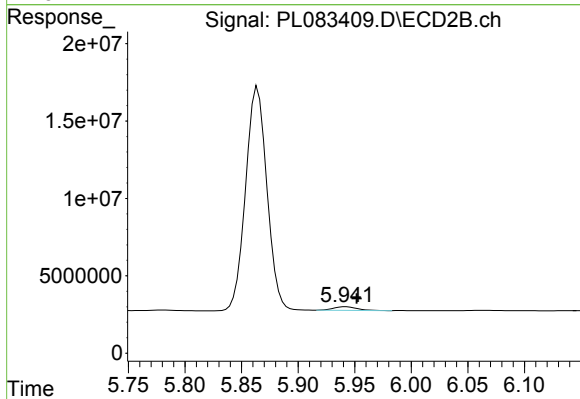
#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: -0.012 min
Response: 189505458
Conc: 84.94 ng/ml m



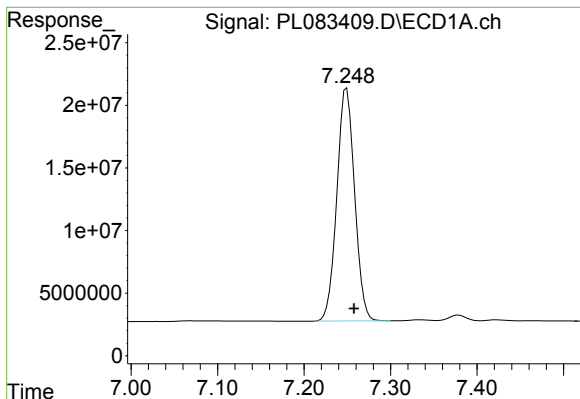
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 2974695
Conc: 1.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 3315262
Conc: 1.68 ng/ml



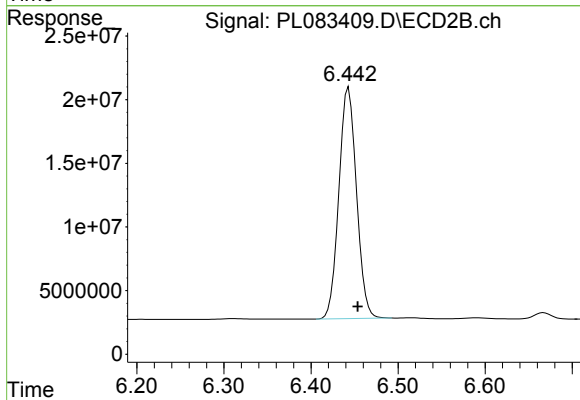
#20 Methoxychlor

R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 263767221
Conc: 199.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

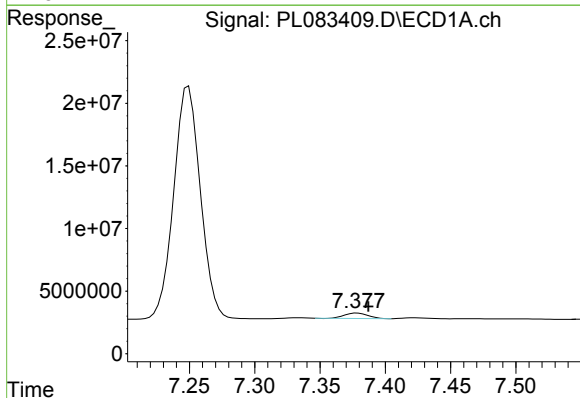
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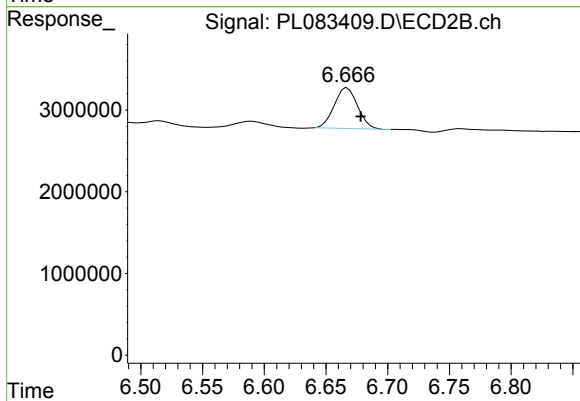
#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: -0.012 min
Response: 255649309
Conc: 201.02 ng/ml m



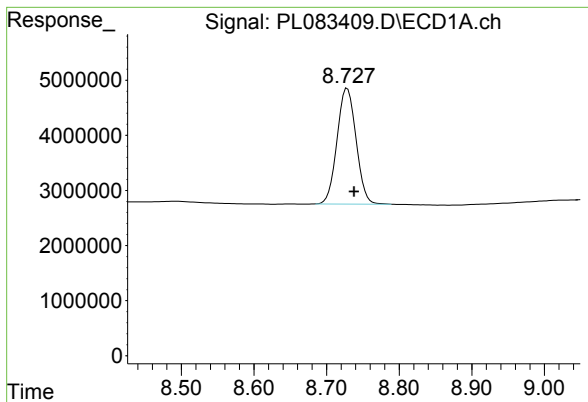
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 5296667
Conc: 2.08 ng/ml



#21 Endrin ketone

R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 6581342
Conc: 2.43 ng/ml



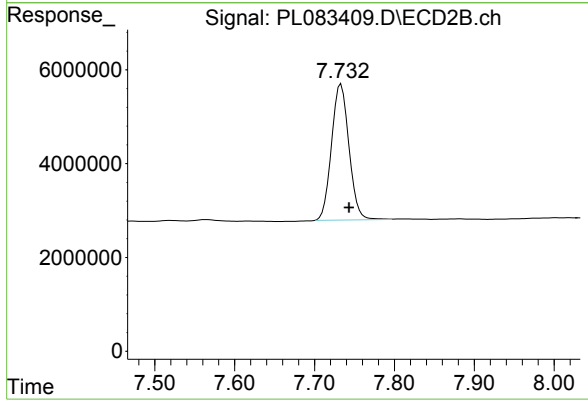
#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 38279843
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.010 min
Response: 44015640
Conc: 17.70 ng/ml