

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061223\
 Data File : PL083367.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2023 09:26
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/13/2023
 Supervised By : Ankita Jodhani 06/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 14:44:34 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...	3.323	2.633	50401382	42441351	17.149	16.348
28)	SA Decachlor...	8.742	7.738	40895984	44040867	19.499	17.712m
Target Compounds							
2)	A alpha-BHC	3.772	3.128	33260302	26382772	7.492	7.070
3)	MA gamma-BHC...	4.101	3.455	33610129	25316478	8.113	7.595
6)	B beta-BHC	4.305	3.756	15533201	12941380	8.250	9.049
14)	MA Endrin	6.324	5.469	102.2E6	90525669	38.049	35.683
16)	A 4,4'-DDD	6.468	5.620	2239558	1706600	1.031m	0.887m
17)	MA 4,4'-DDT	6.780	5.869	208.2E6	174.9E6	83.190	78.398
18)	B Endrin al...	6.677	5.945	2840757	2580345	1.413	1.305m
20)	A Methoxychlor	7.261	6.448	276.8E6	239.2E6	209.330	188.077
21)	B Endrin ke...	7.391	6.672	5798993	5254262	2.273	1.943m

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

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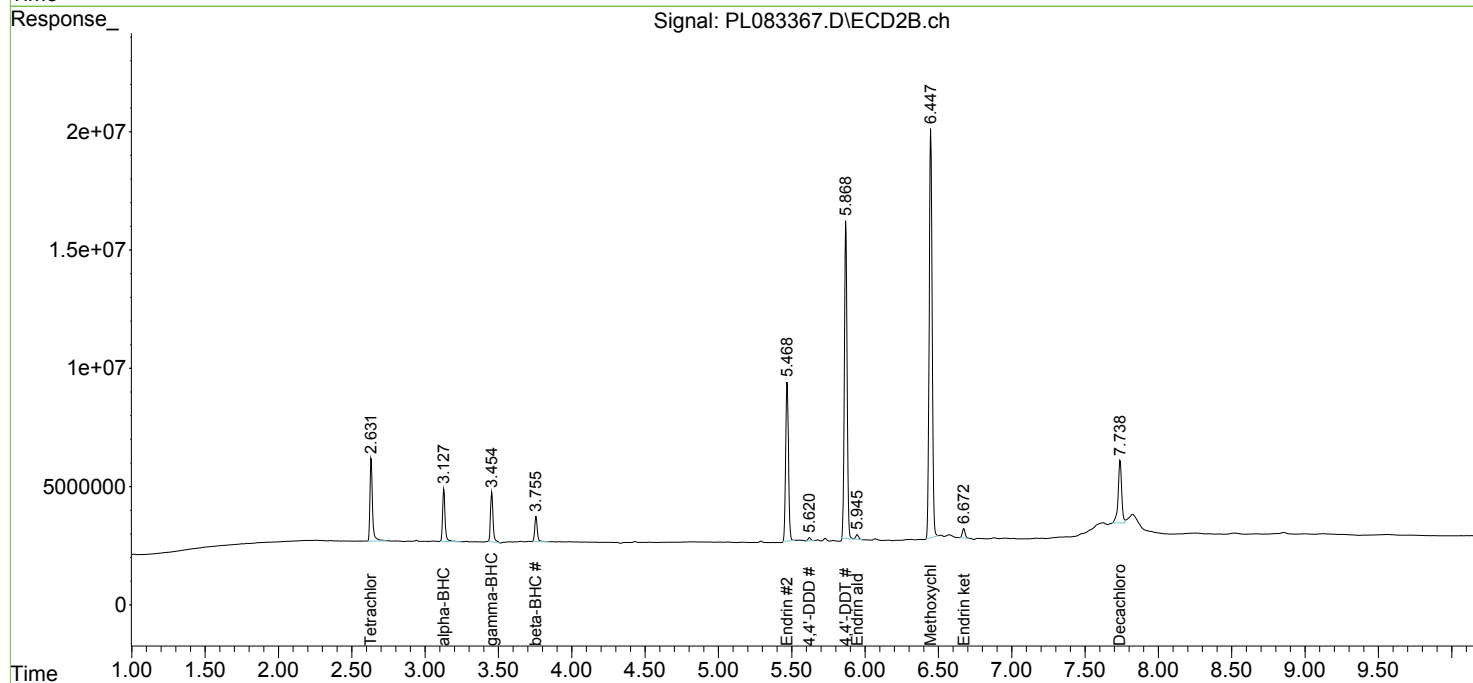
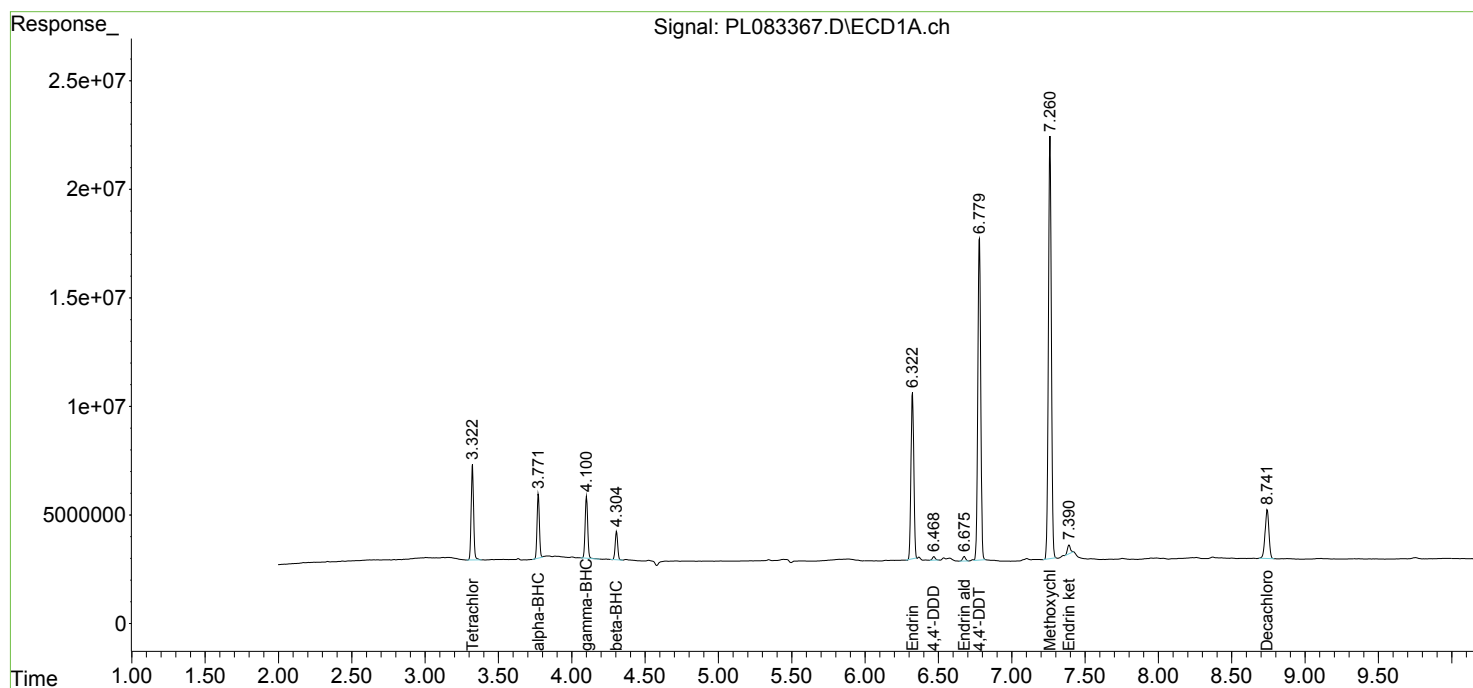
Instrument :
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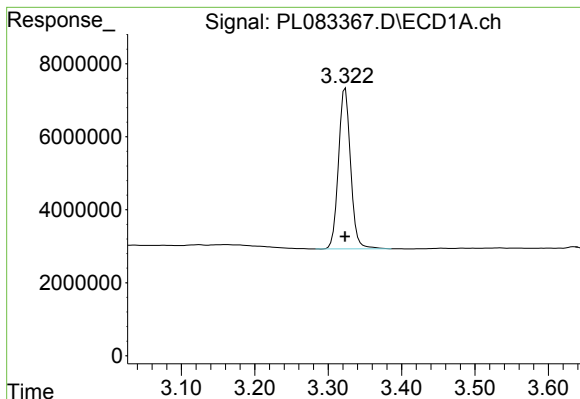
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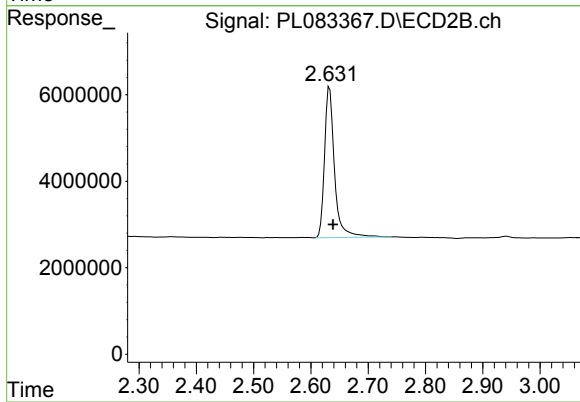
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 50401382
Conc: 17.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

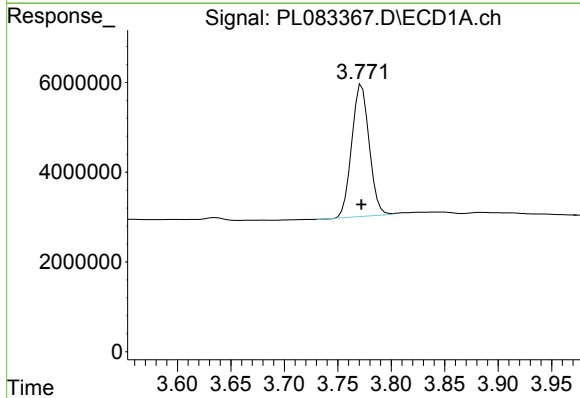
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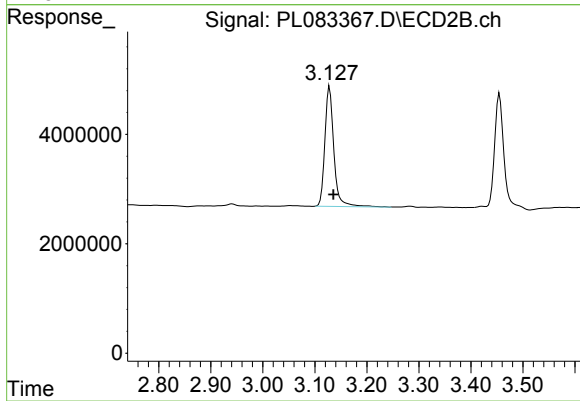
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 42441351
Conc: 16.35 ng/ml



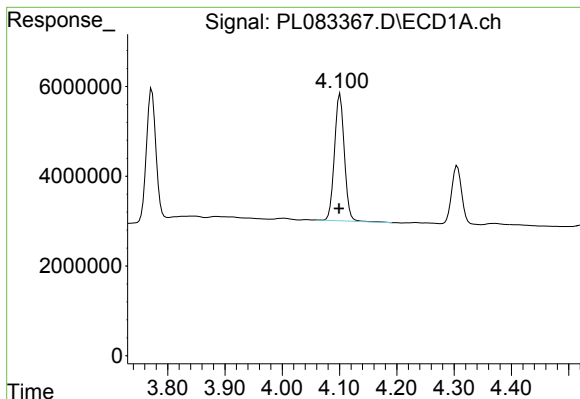
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 33260302
Conc: 7.49 ng/ml



#2 alpha-BHC

R.T.: 3.128 min
Delta R.T.: -0.007 min
Response: 26382772
Conc: 7.07 ng/ml



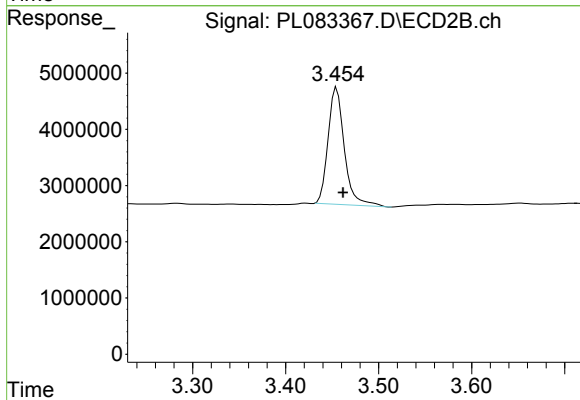
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.002 min
Response: 33610129
Conc: 8.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

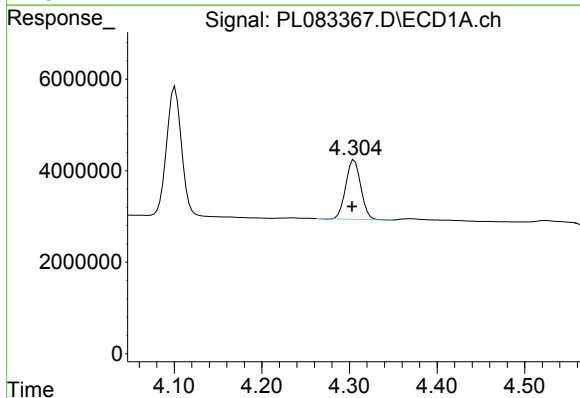
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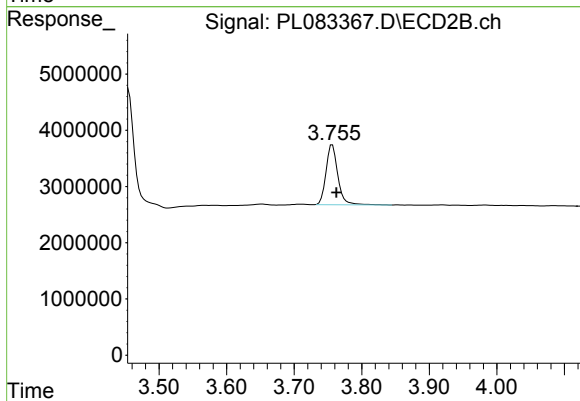
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 25316478
Conc: 7.60 ng/ml



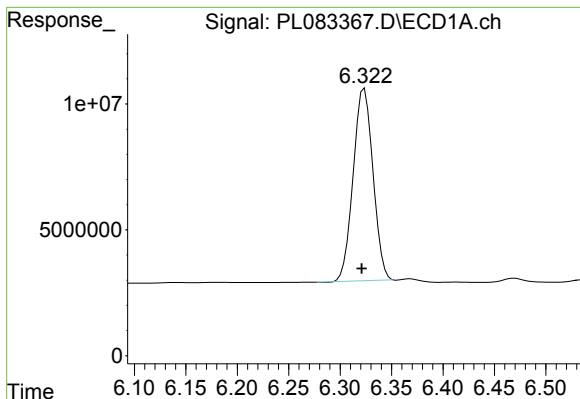
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.002 min
Response: 15533201
Conc: 8.25 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 12941380
Conc: 9.05 ng/ml



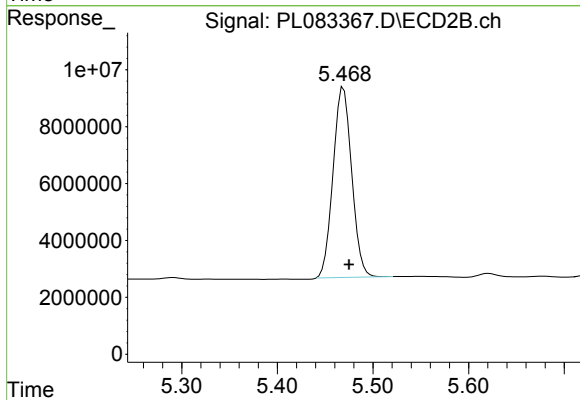
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.003 min
Response: 102246625
Conc: 38.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

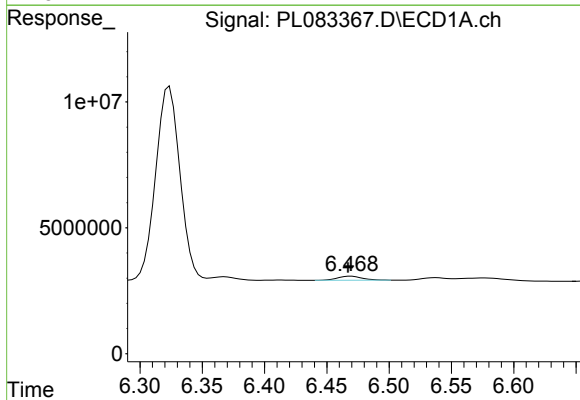
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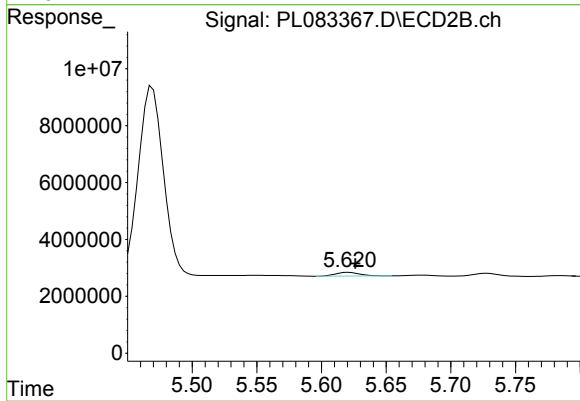
#14 Endrin

R.T.: 5.469 min
Delta R.T.: -0.006 min
Response: 90525669
Conc: 35.68 ng/ml



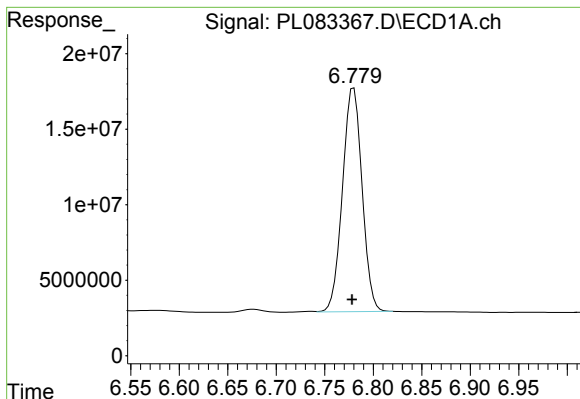
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 2239558
Conc: 1.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 1706600
Conc: 0.89 ng/ml m



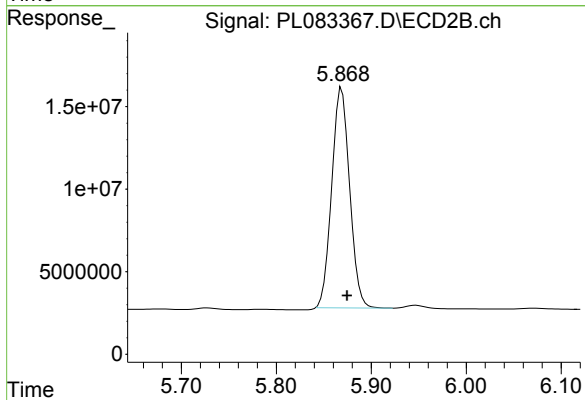
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.002 min
Response: 208240440
Conc: 83.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

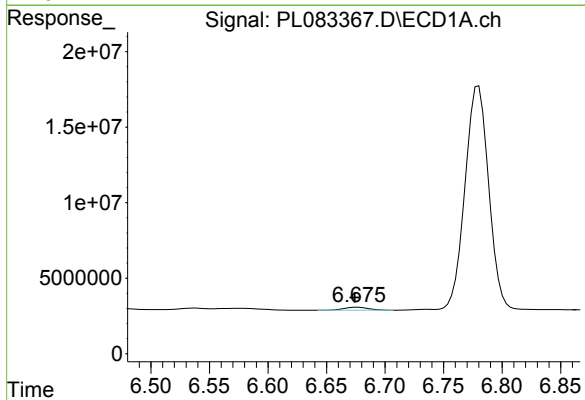
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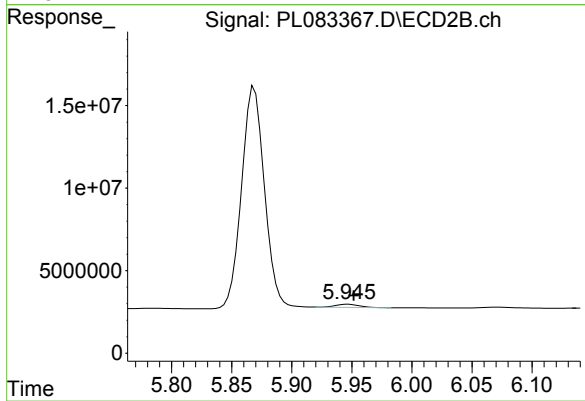
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 174907864
Conc: 78.40 ng/ml



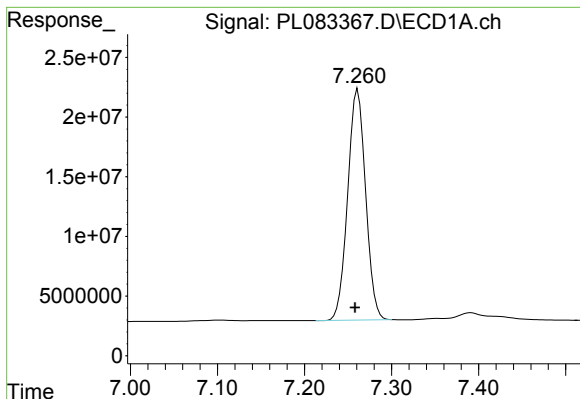
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.003 min
Response: 2840757
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 2580345
Conc: 1.30 ng/ml m



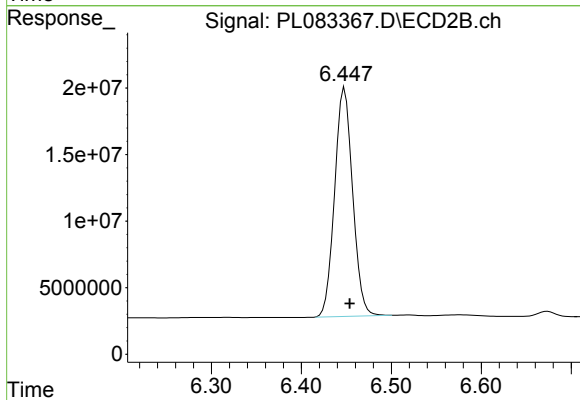
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.003 min
Response: 276813774
Conc: 209.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

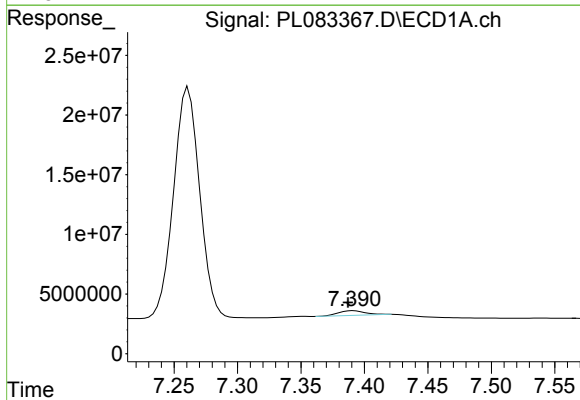
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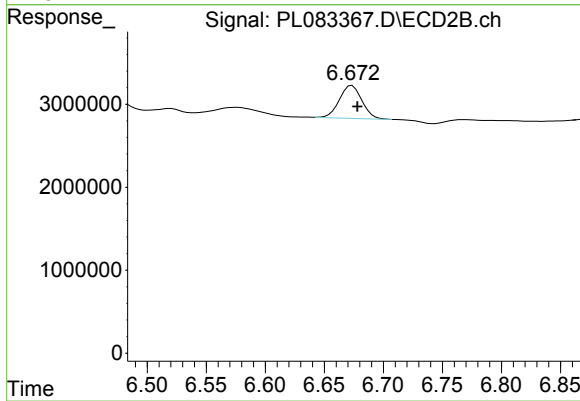
#20 Methoxychlor

R.T.: 6.448 min
Delta R.T.: -0.006 min
Response: 239186776
Conc: 188.08 ng/ml



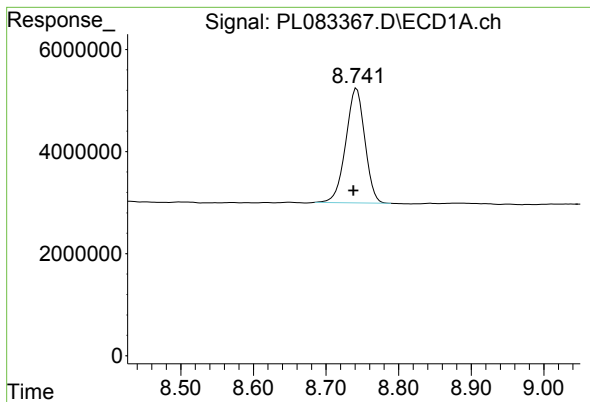
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.004 min
Response: 5798993
Conc: 2.27 ng/ml



#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 5254262
Conc: 1.94 ng/ml m



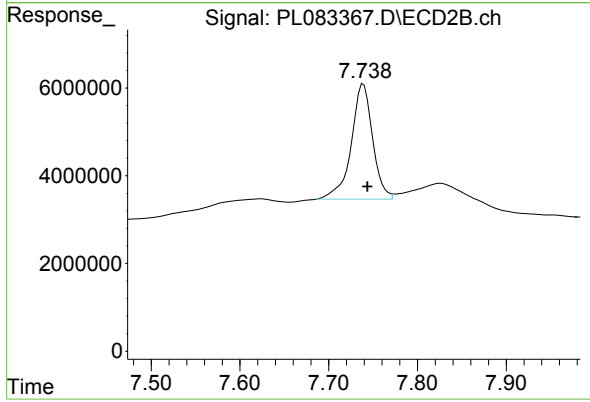
#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.004 min
Response: 40895984
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.738 min
Delta R.T.: -0.006 min
Response: 44040867
Conc: 17.71 ng/ml m