

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060823\
 Data File : PL083311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 2023 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2023
 Supervised By : Ankita Jodhani 06/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 21:30:33 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...	3.317	2.634	55755857	47558683	18.971	18.319
28)	SA Decachlor...	8.738	7.741	39403487	45600267	18.787	18.339
Target Compounds							
2)	A alpha-BHC	3.766	3.130	38713762	29931418	8.721	8.021
3)	MA gamma-BHC...	4.095	3.457	38143144	29241531	9.207	8.773
6)	B beta-BHC	4.299	3.758	18688322	15037927	9.926	10.515
12)	B 4,4'-DDE	5.947	5.067	579118	418276	0.210	0.172
14)	MA Endrin	6.319	5.471	108.3E6	100.2E6	40.317	39.505
16)	A 4,4'-DDD	6.464	5.622	13345641	10819883	6.141	5.626
17)	MA 4,4'-DDT	6.776	5.871	203.2E6	192.0E6	81.170	86.081
18)	B Endrin al...	6.673	5.948	4522631	4513631	2.249	2.283
20)	A Methoxychlor	7.257	6.450	273.7E6	257.9E6	206.992	202.815
21)	B Endrin ke...	7.385	6.675	10913614	11128027	4.279m	4.116

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

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Acq On : 08 Jun 2023 09:11
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

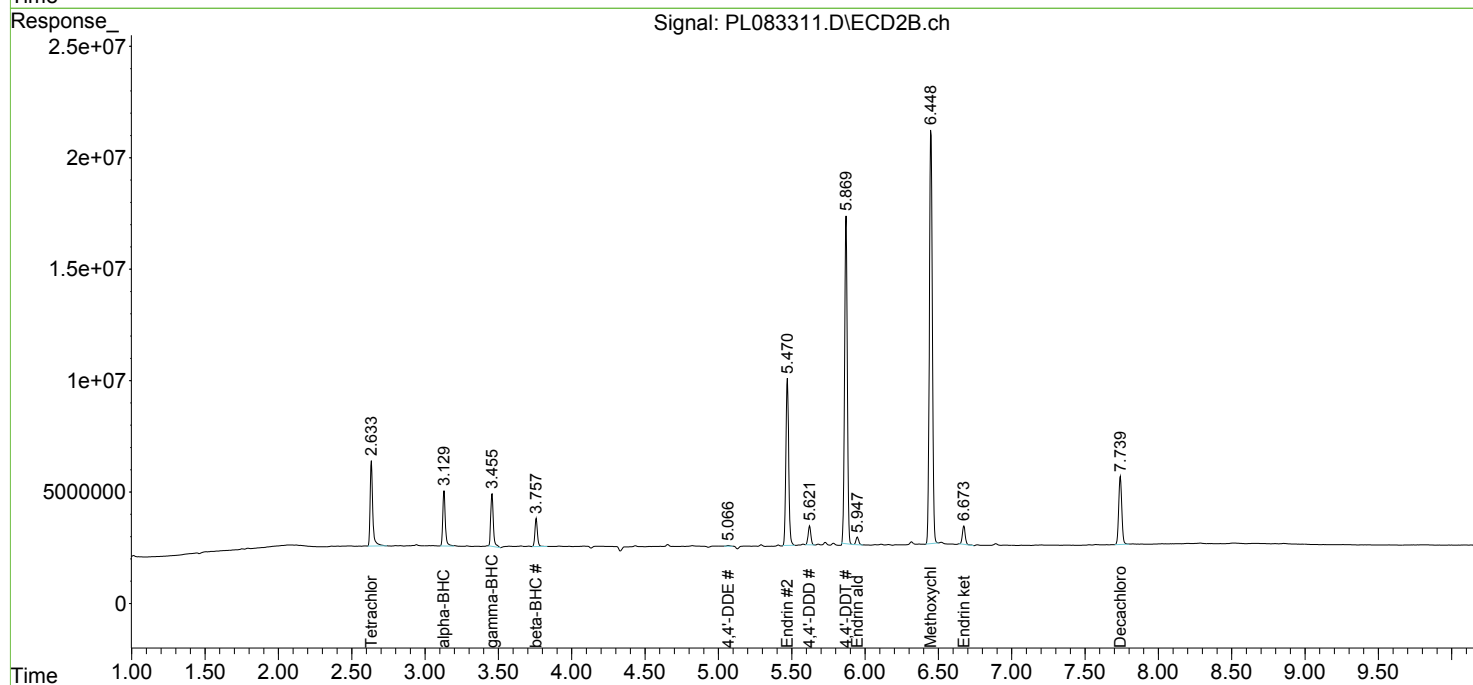
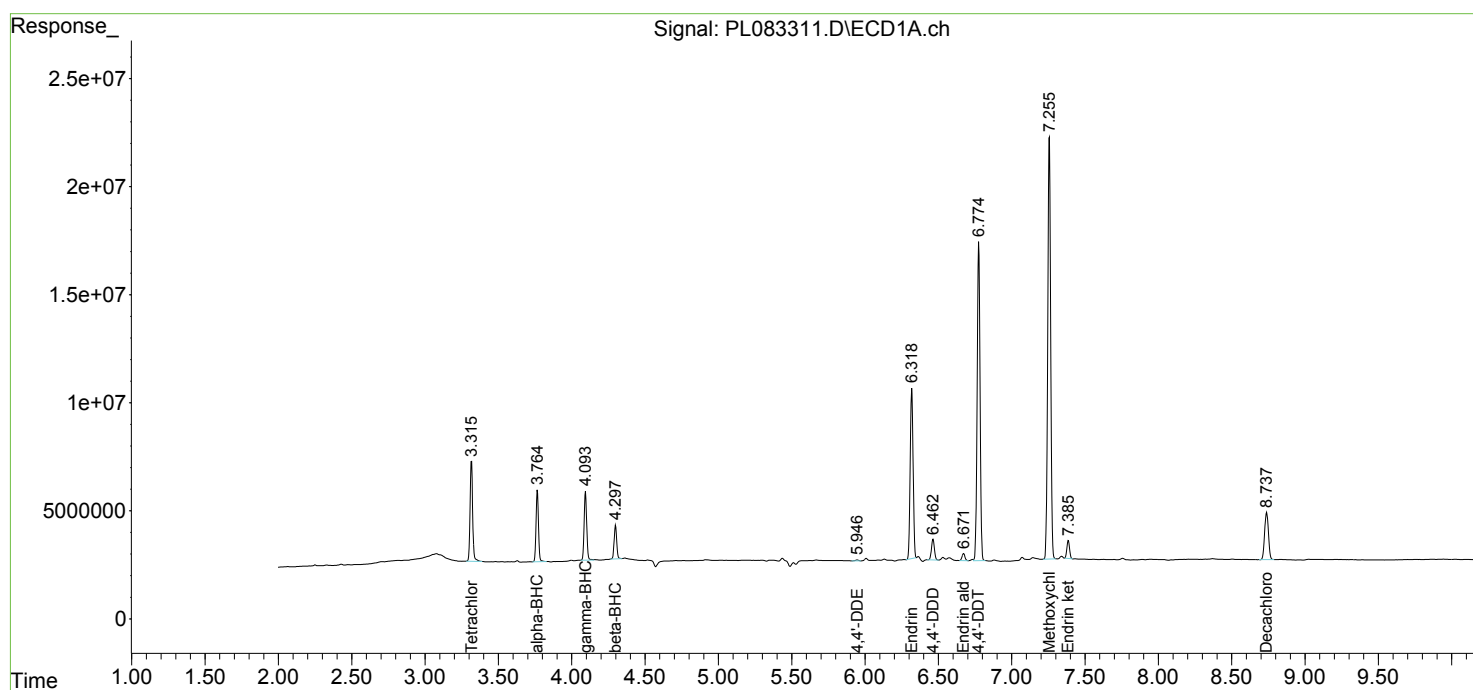
Instrument :
ECD_L
ClientSampleId :
PEM

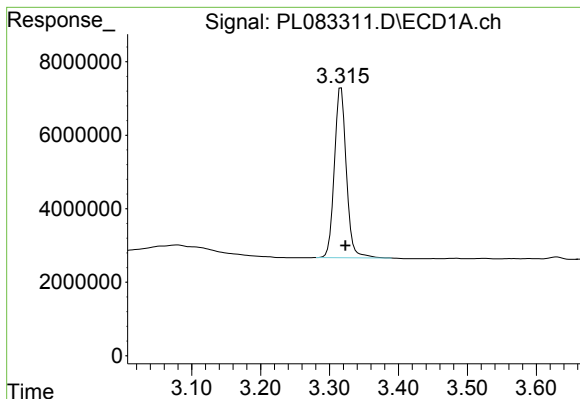
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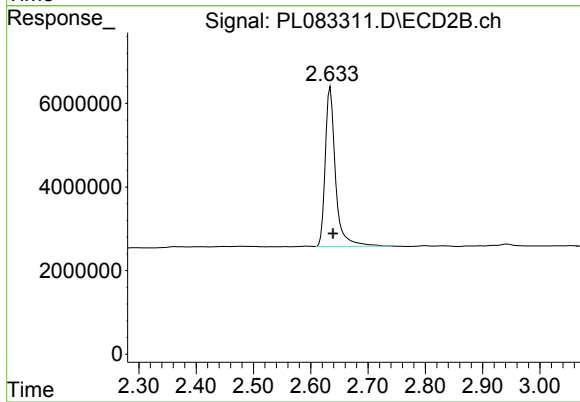
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 55755857
Conc: 18.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

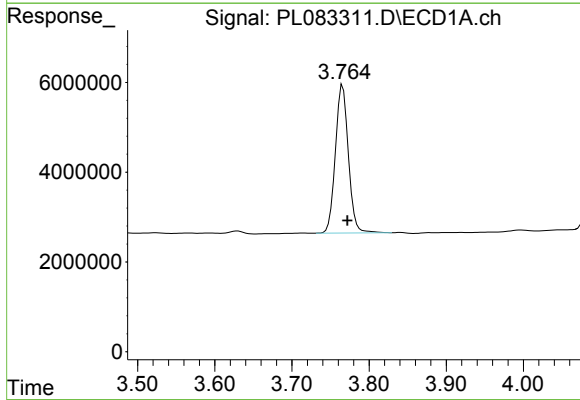
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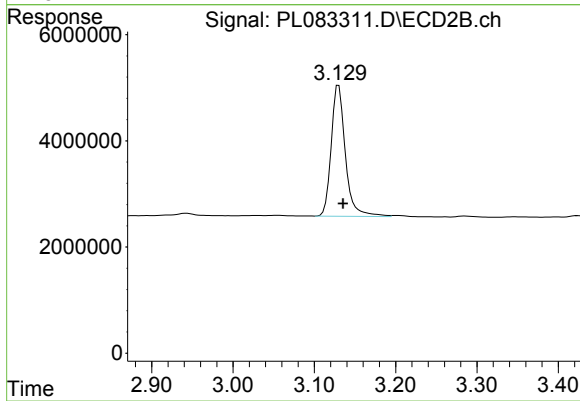
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 47558683
Conc: 18.32 ng/ml



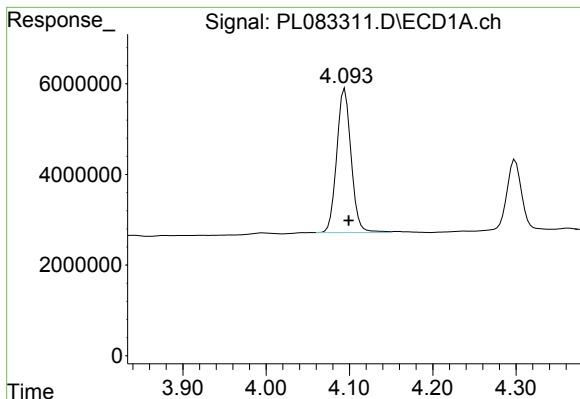
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 38713762
Conc: 8.72 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 29931418
Conc: 8.02 ng/ml



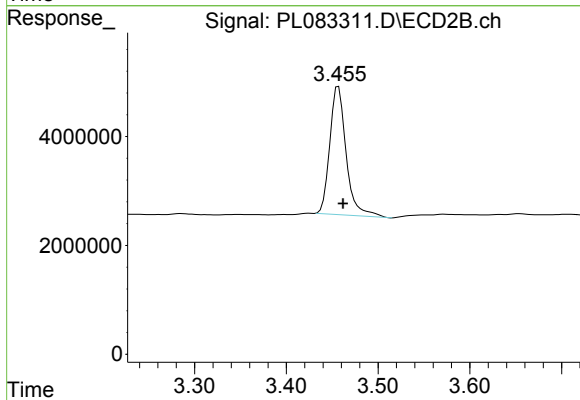
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 38143144
Conc: 9.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

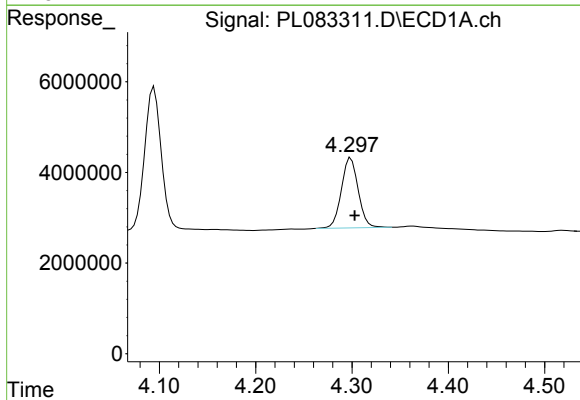
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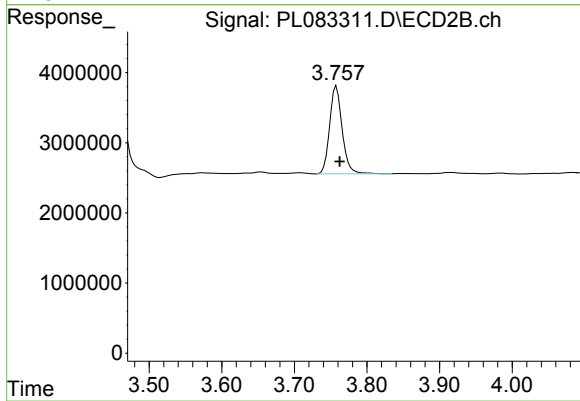
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 29241531
Conc: 8.77 ng/ml



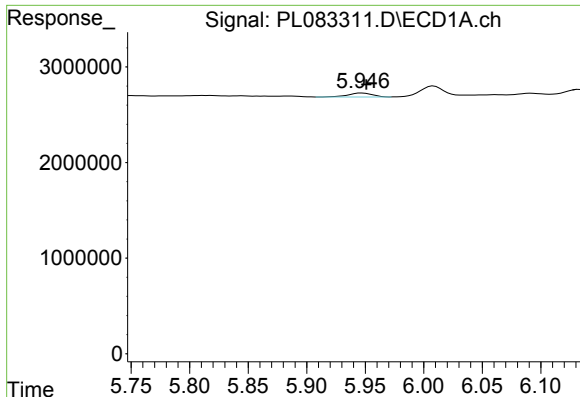
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 18688322
Conc: 9.93 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 15037927
Conc: 10.52 ng/ml



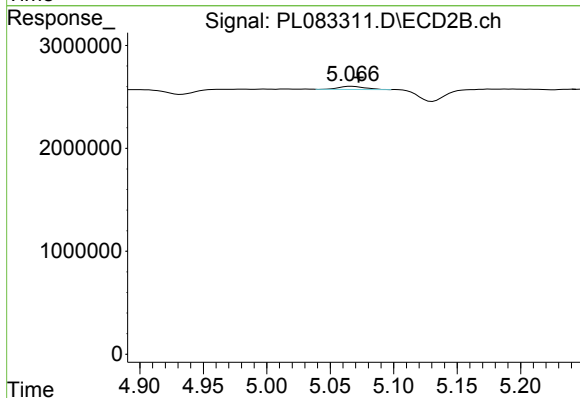
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 579118
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

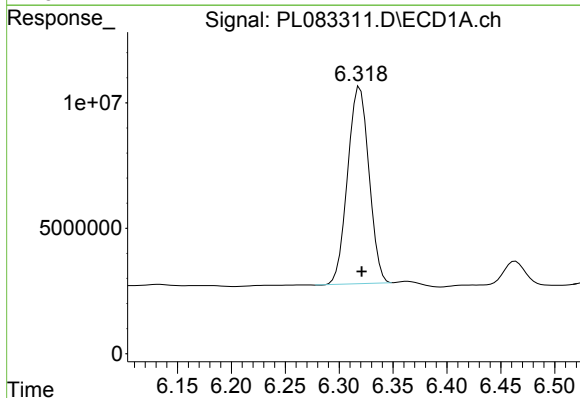
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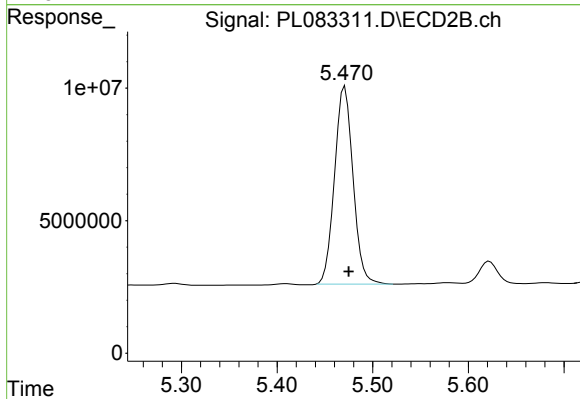
#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 418276
Conc: 0.17 ng/ml



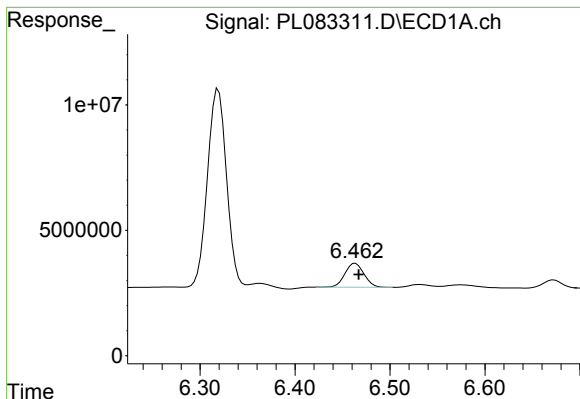
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 108340931
Conc: 40.32 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 100223564
Conc: 39.51 ng/ml



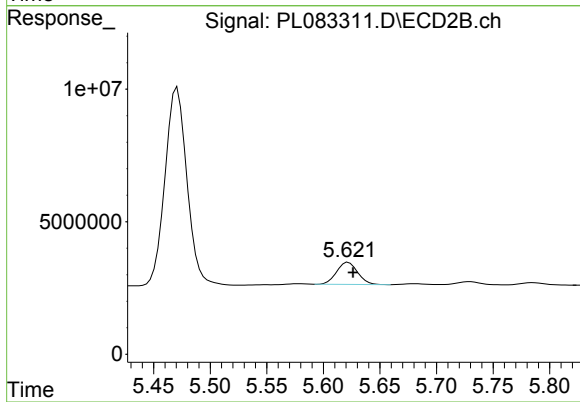
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 13345641
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

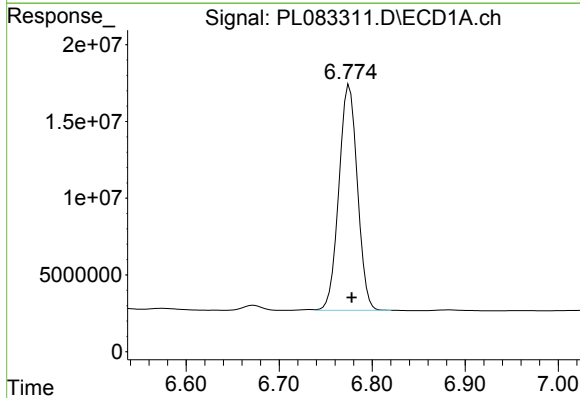
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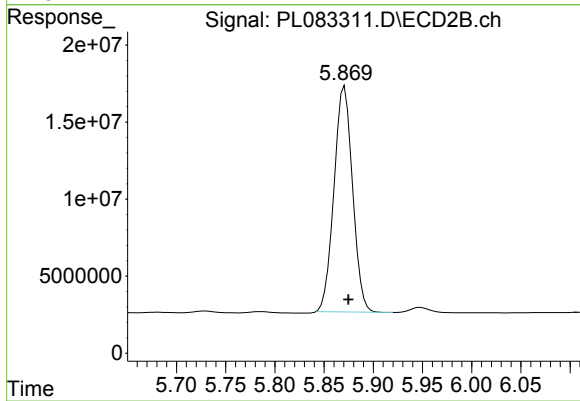
#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 10819883
Conc: 5.63 ng/ml



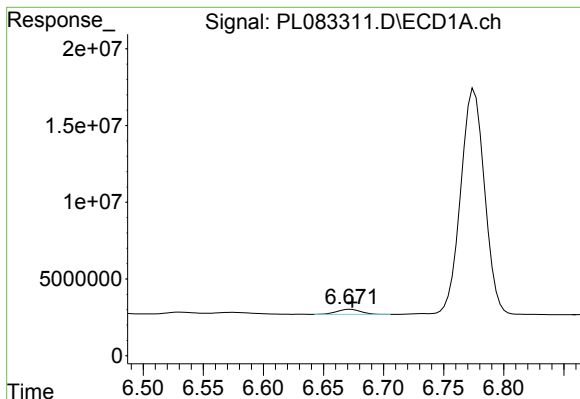
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 203183191
Conc: 81.17 ng/ml



#17 4,4'-DDT

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 192048363
Conc: 86.08 ng/ml



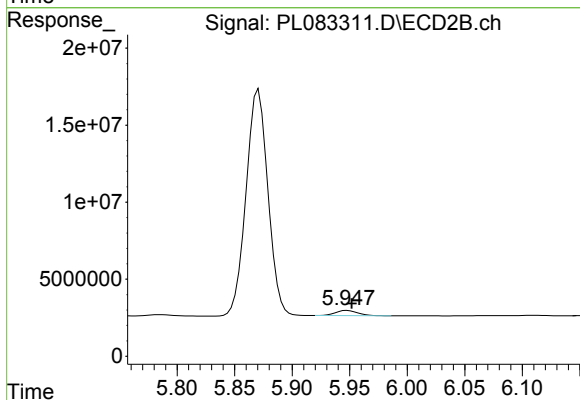
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 4522631
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

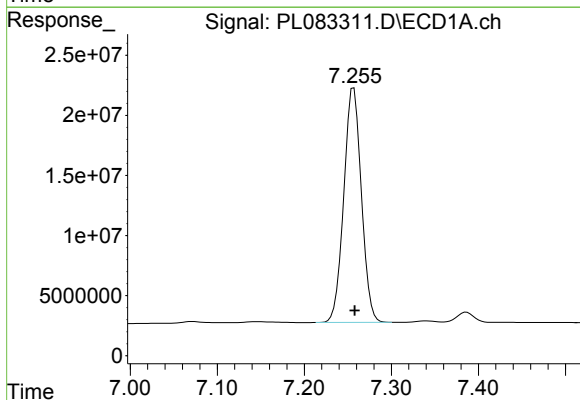
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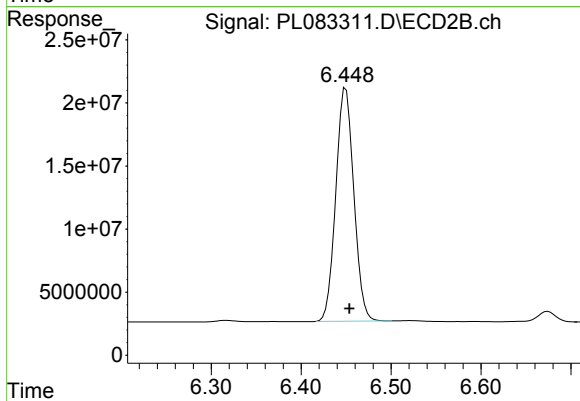
#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 4513631
Conc: 2.28 ng/ml



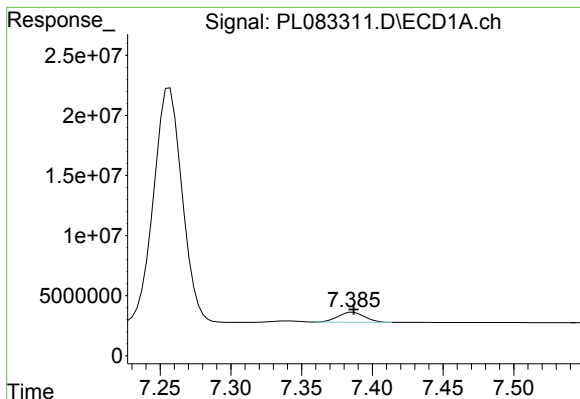
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 273721852
Conc: 206.99 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 257930113
Conc: 202.82 ng/ml



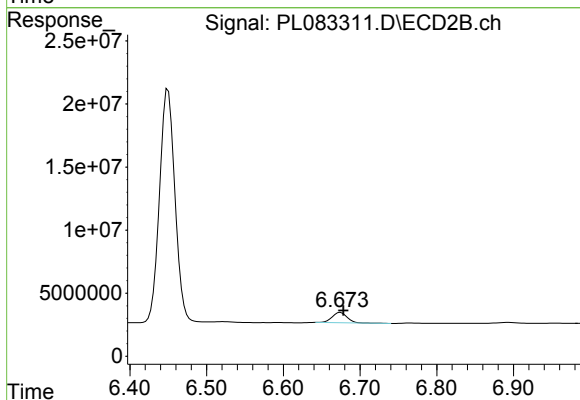
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 10913614
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

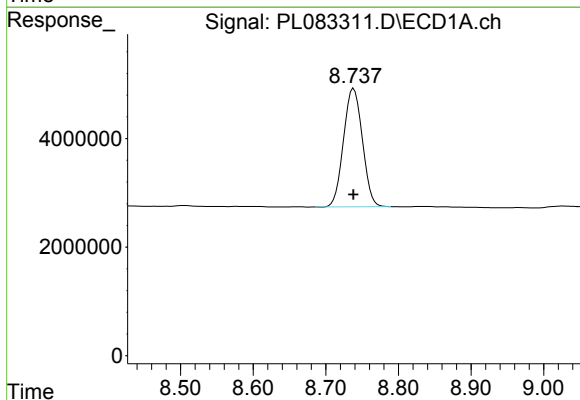
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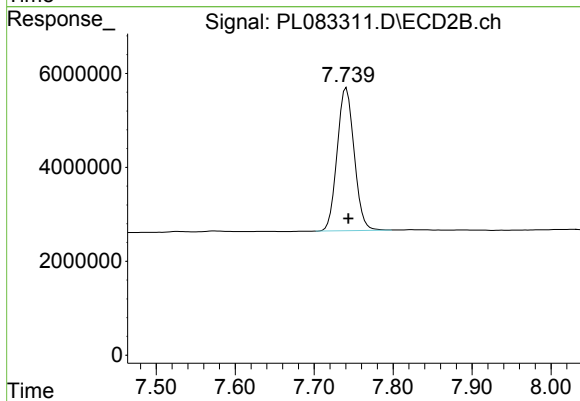
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 11128027
Conc: 4.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 39403487
Conc: 18.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 45600267
Conc: 18.34 ng/ml