

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060723\
 Data File : PL083273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2023 08:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/08/2023
 Supervised By : Ankita Jodhani 06/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 22:05:00 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...	3.315	2.633	57439725	49298367	19.544	18.989
28)	SA Decachlor...	8.736	7.739	44892080	49595175	21.404	19.945
Target Compounds							
2)	A alpha-BHC	3.764	3.129	39882210	31306493	8.984	8.390
3)	MA gamma-BHC...	4.092	3.455	38768906	29884689	9.358	8.965
6)	B beta-BHC	4.297	3.756	20794819	15770918	11.045	11.028
12)	B 4,4'-DDE	5.944	5.065	487576	454490	0.177	0.187
14)	MA Endrin	6.317	5.468	115.1E6	106.7E6	42.836	42.060
16)	A 4,4'-DDD	6.461	5.620	9966307	7618724	4.586	3.961
17)	MA 4,4'-DDT	6.773	5.866	223.6E6	209.7E6	89.343	93.998m
18)	B Endrin al...	6.670	5.946	4517822	4363411	2.247	2.207
20)	A Methoxychlor	7.255	6.447	293.8E6	274.2E6	222.174	215.606
21)	B Endrin ke...	7.382	6.671	9312153	10356214	3.651m	3.830

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

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Acq On : 07 Jun 2023 08:55
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

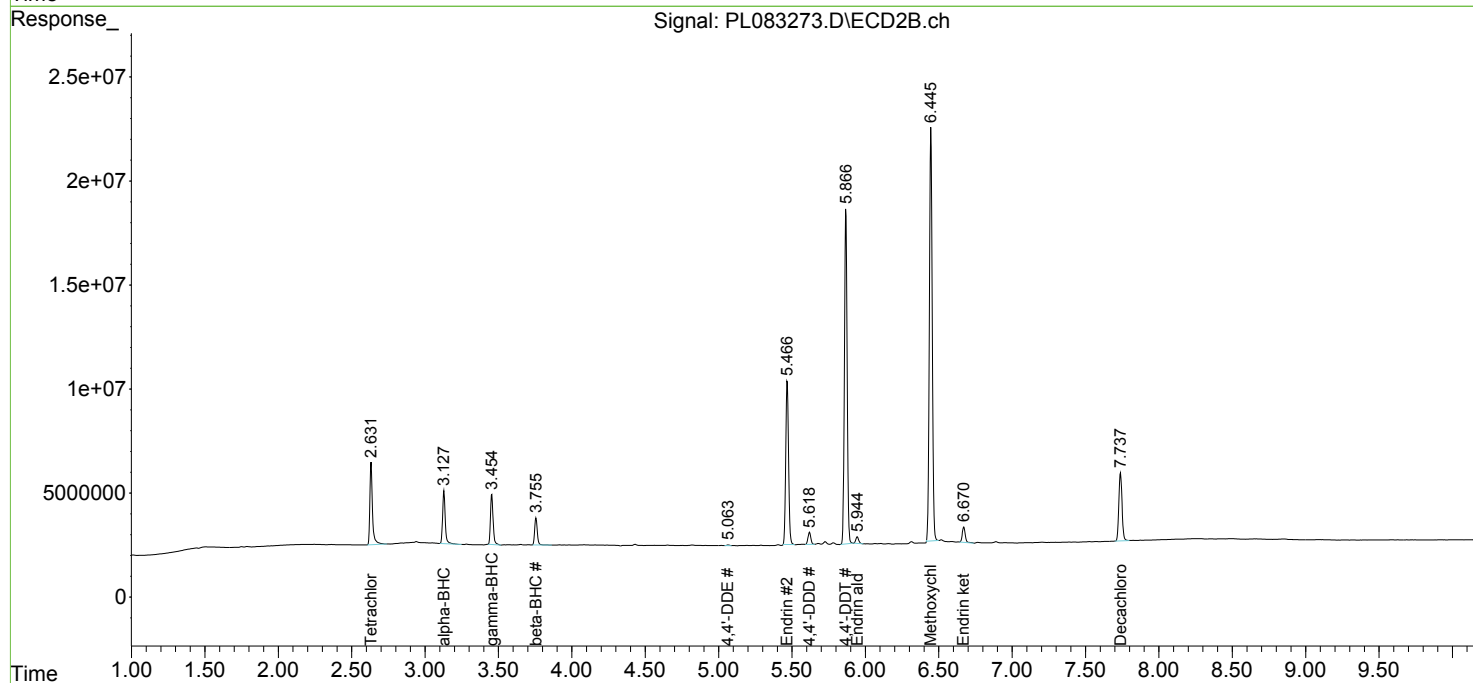
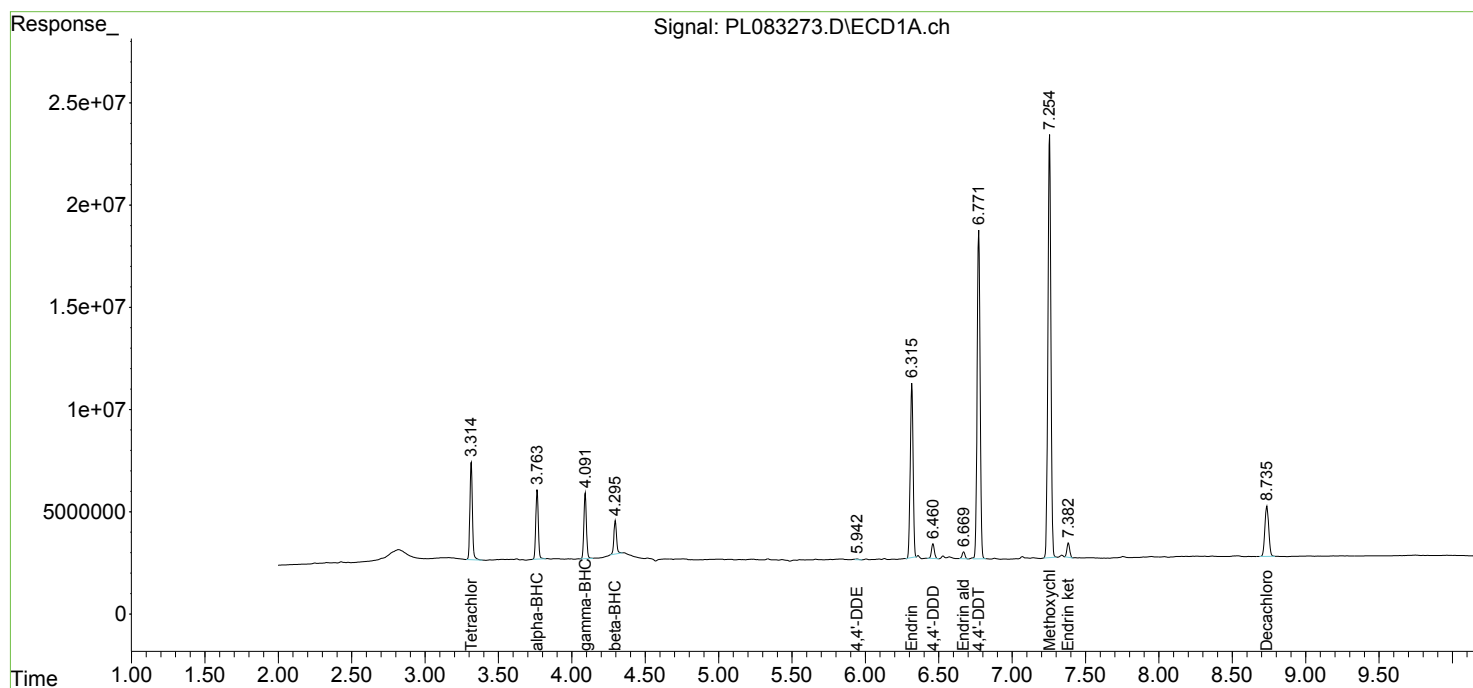
Instrument :
ECD_L
ClientSampleId :
PEM

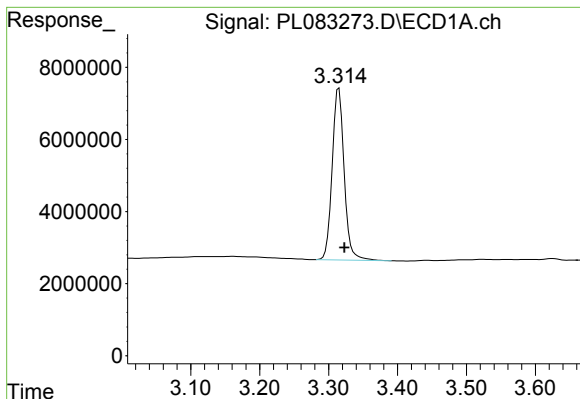
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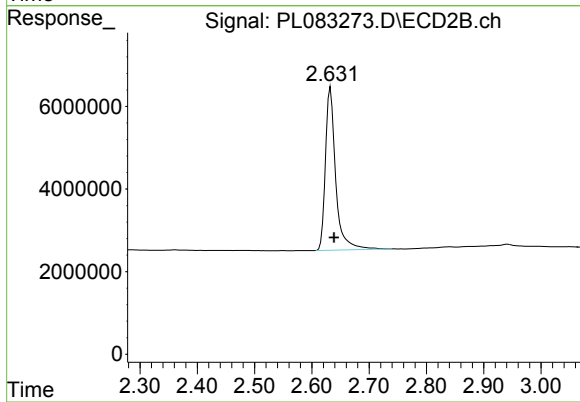
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 57439725
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

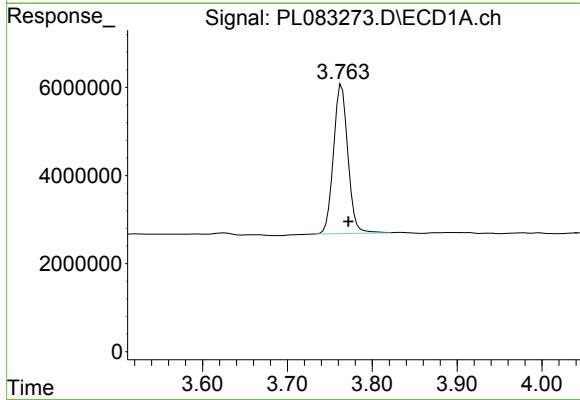
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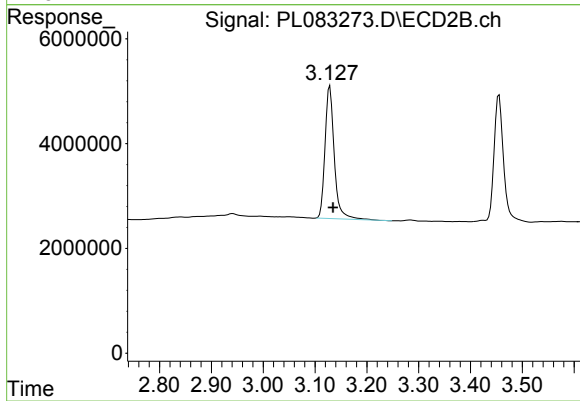
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 49298367
Conc: 18.99 ng/ml



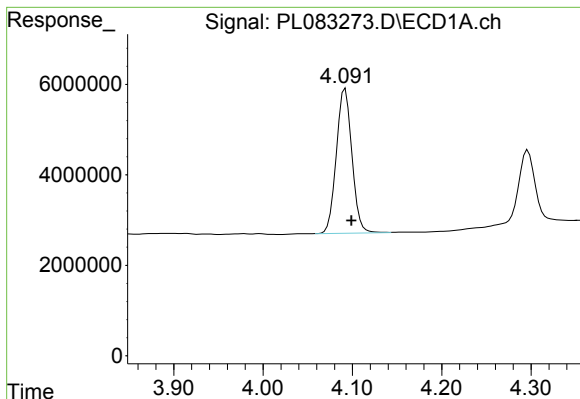
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 39882210
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 31306493
Conc: 8.39 ng/ml



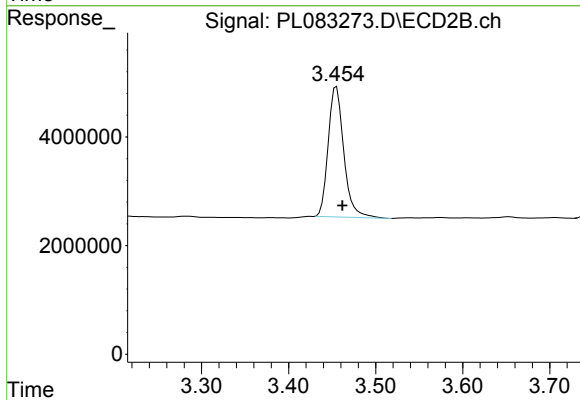
#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 38768906
Conc: 9.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

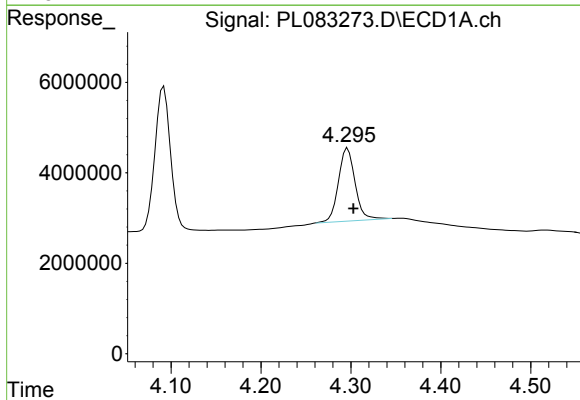
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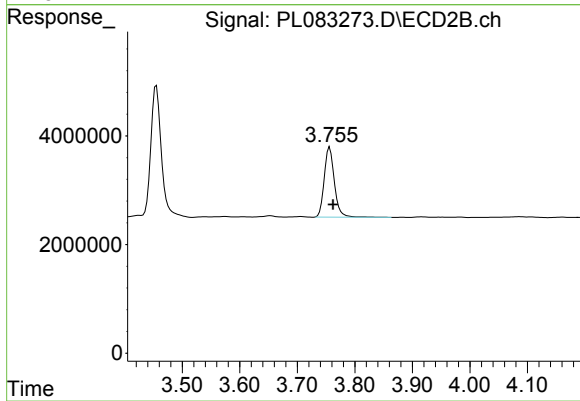
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 29884689
Conc: 8.97 ng/ml



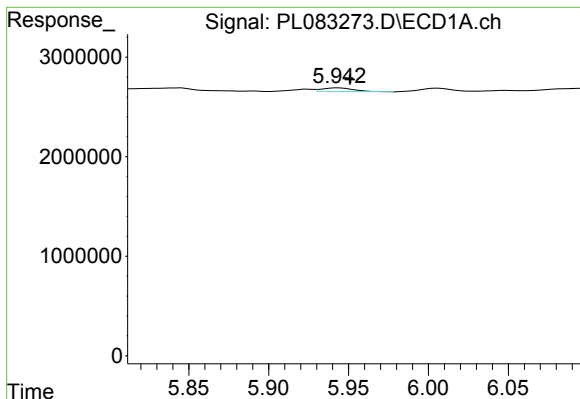
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 20794819
Conc: 11.05 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 15770918
Conc: 11.03 ng/ml



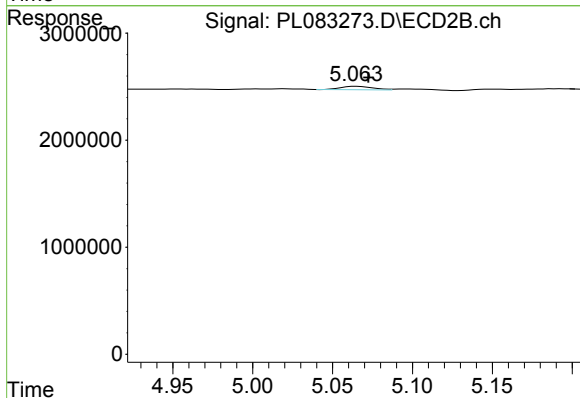
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 487576
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

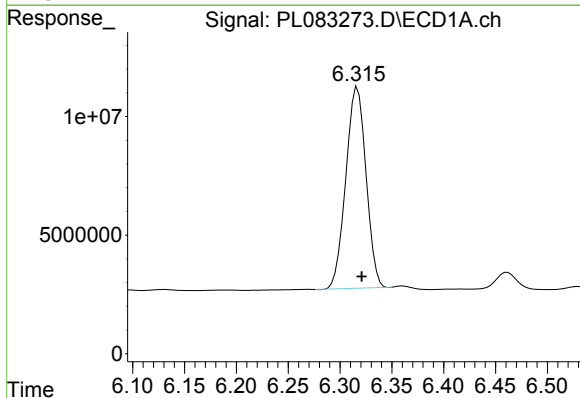
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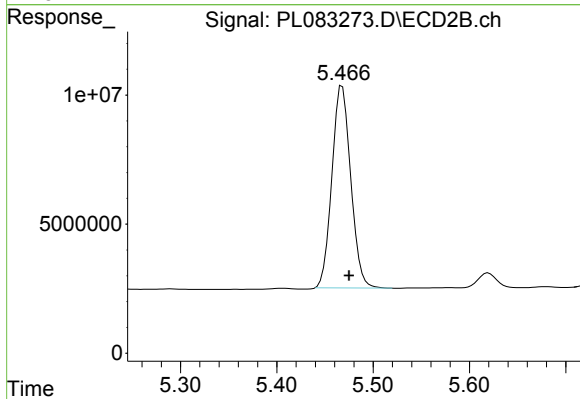
#12 4,4'-DDE

R.T.: 5.065 min
Delta R.T.: -0.008 min
Response: 454490
Conc: 0.19 ng/ml



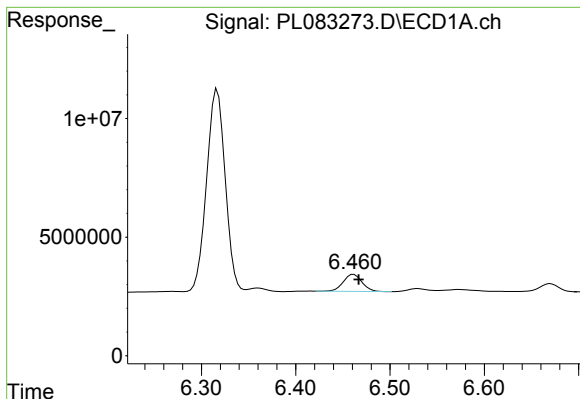
#14 Endrin

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 115112253
Conc: 42.84 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 106703805
Conc: 42.06 ng/ml



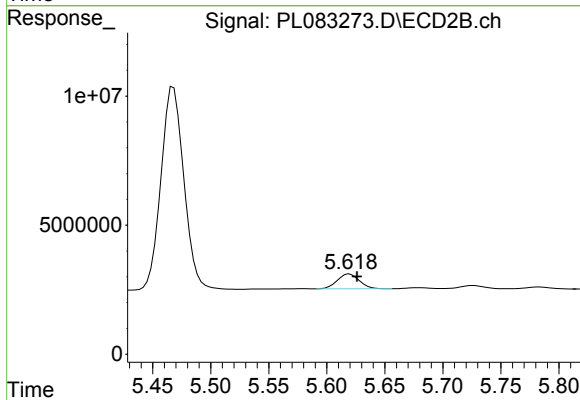
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 9966307
Conc: 4.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

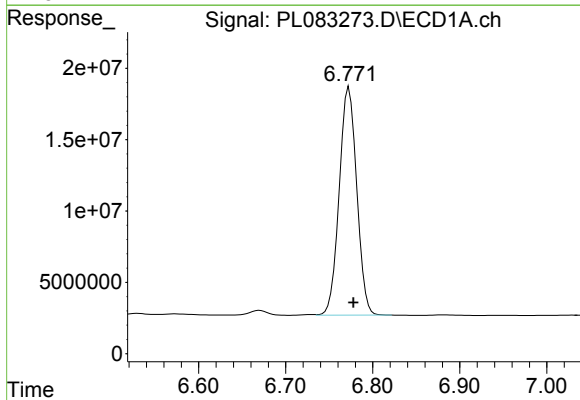
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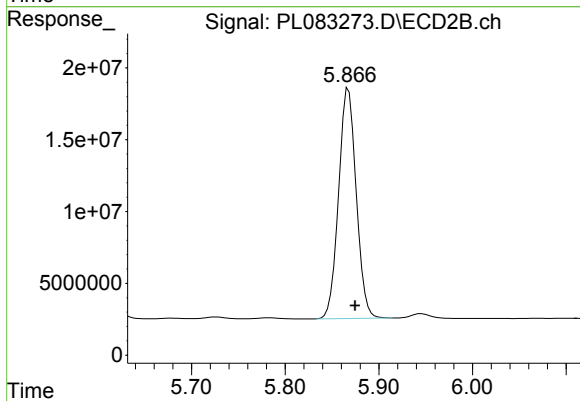
#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.007 min
Response: 7618724
Conc: 3.96 ng/ml



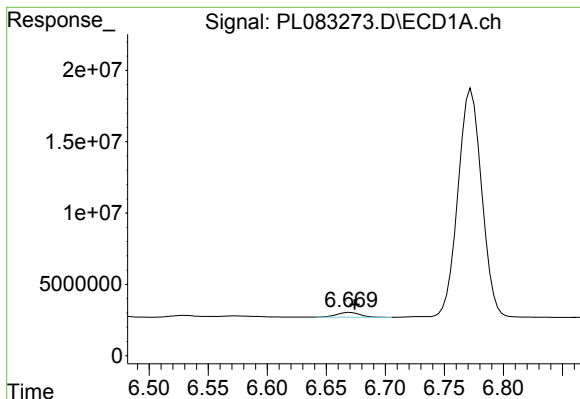
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 223641694
Conc: 89.34 ng/ml



#17 4,4'-DDT

R.T.: 5.866 min
Delta R.T.: -0.008 min
Response: 209712468
Conc: 94.00 ng/ml m



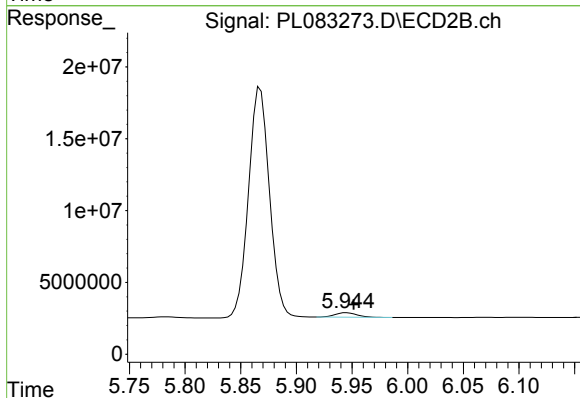
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 4517822
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

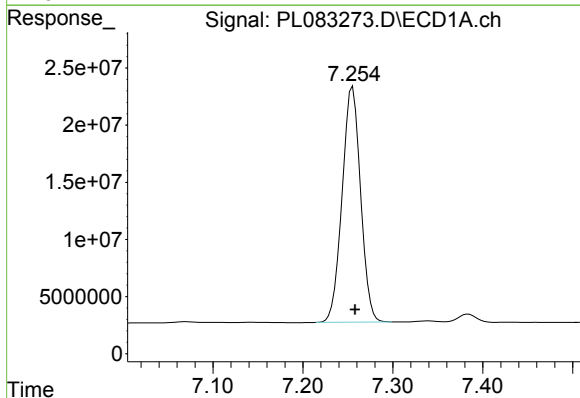
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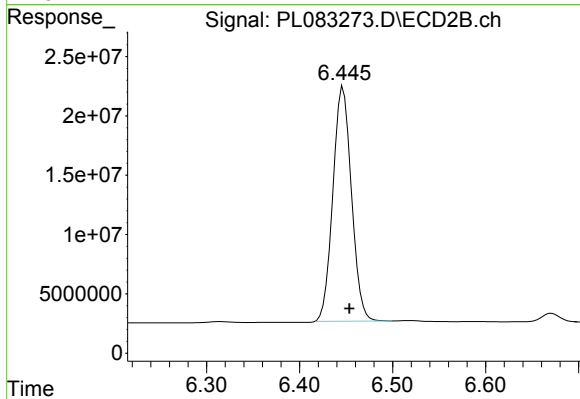
#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 4363411
Conc: 2.21 ng/ml



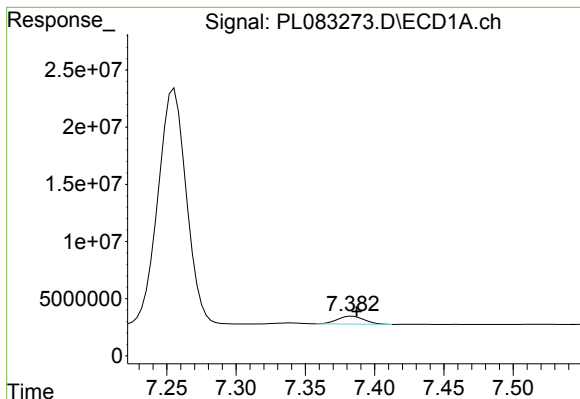
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 293798542
Conc: 222.17 ng/ml



#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: -0.007 min
Response: 274195907
Conc: 215.61 ng/ml



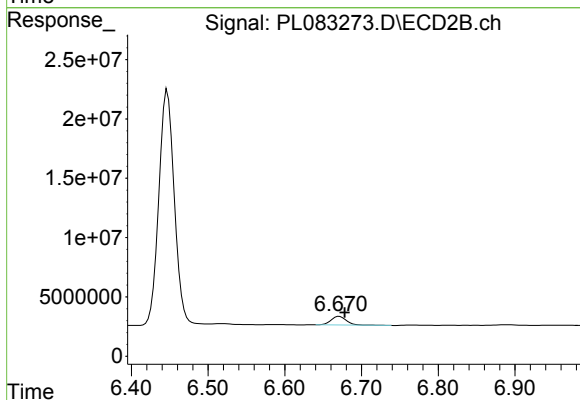
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 9312153
Conc: 3.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

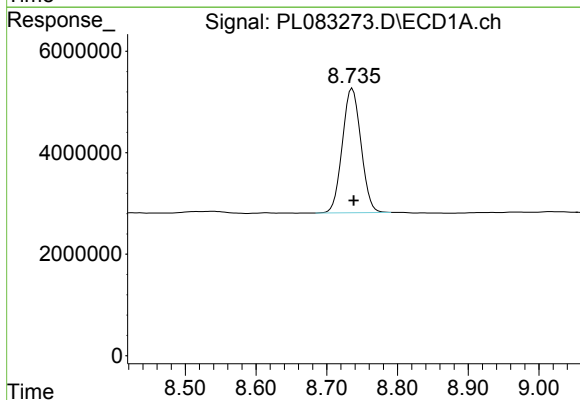
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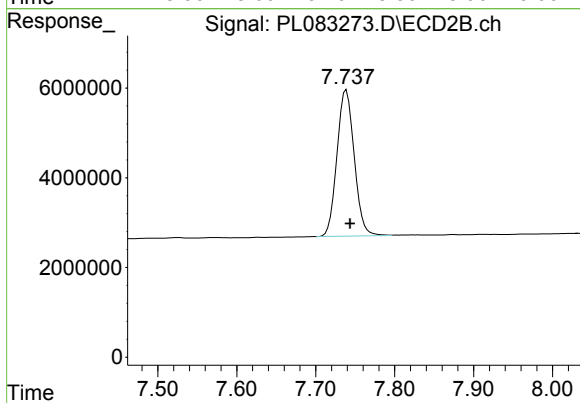
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 10356214
Conc: 3.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 44892080
Conc: 21.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.005 min
Response: 49595175
Conc: 19.95 ng/ml