

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2023 08:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/25/2023
 Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 21:18:39 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...	3.318	2.638	53613091	44685826	18.242	17.213
28)	SA Decachlor...	8.737	7.744	37149415	42729012	17.713	17.184
Target Compounds							
2)	A alpha-BHC	3.767	3.134	36289403	28552549	8.175	7.652
3)	MA gamma-BHC...	4.095	3.461	35141411	27142851	8.482	8.143
6)	B beta-BHC	4.299	3.762	17054039	14362155	9.058	10.043
12)	B 4,4'-DDE	5.948	5.070	738071	351782	0.268	0.145m#
14)	MA Endrin	6.319	5.475	97868214	93636546	36.419	36.909
16)	A 4,4'-DDD	6.463	5.626	10173471	8408768	4.682	4.372
17)	MA 4,4'-DDT	6.775	5.874	184.2E6	178.5E6	73.597	79.989
18)	B Endrin al...	6.672	5.952	4426436	5209395	2.201	2.634
20)	A Methoxychlor	7.256	6.453	245.9E6	240.0E6	185.949	188.716
21)	B Endrin ke...	7.385	6.678	7898681	9993865	3.097	3.696

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

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Data File : PL082956.D
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Acq On : 24 May 2023 08:43
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

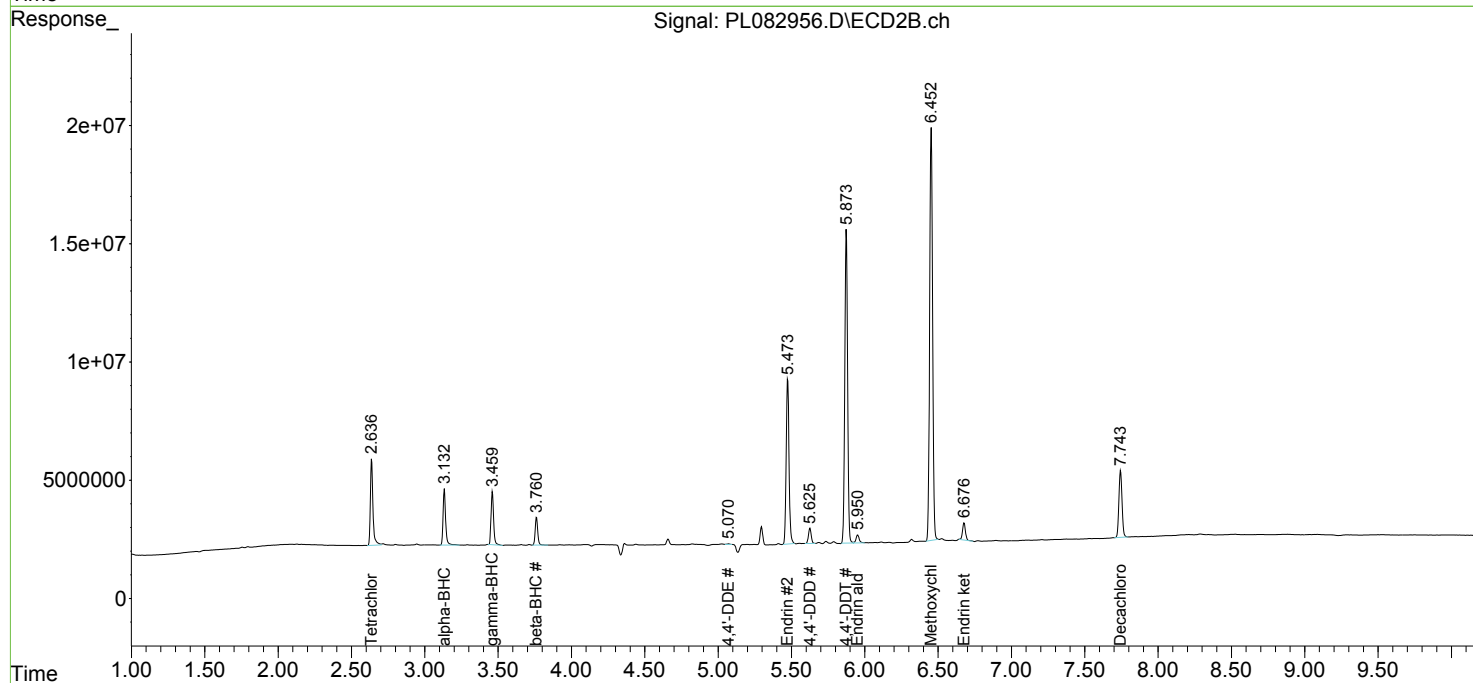
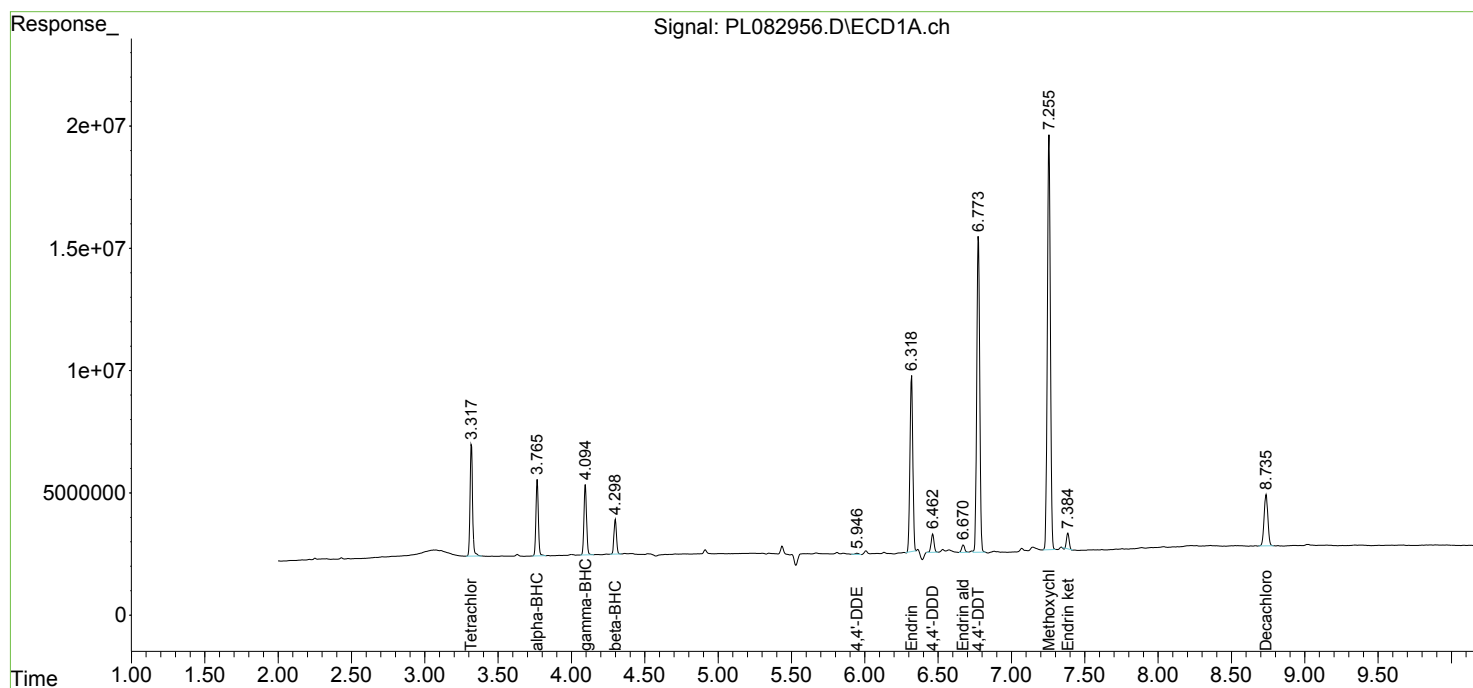
Instrument :
ECD_L
ClientSampleId :
PEM

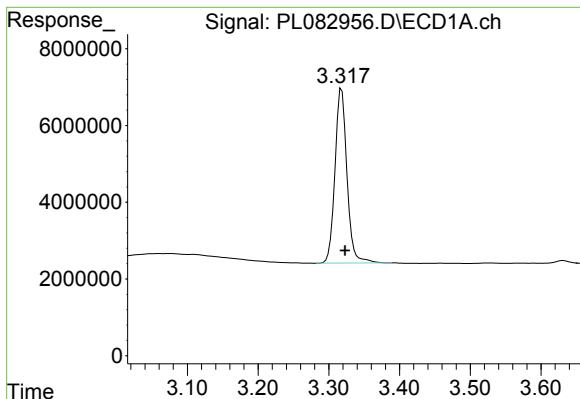
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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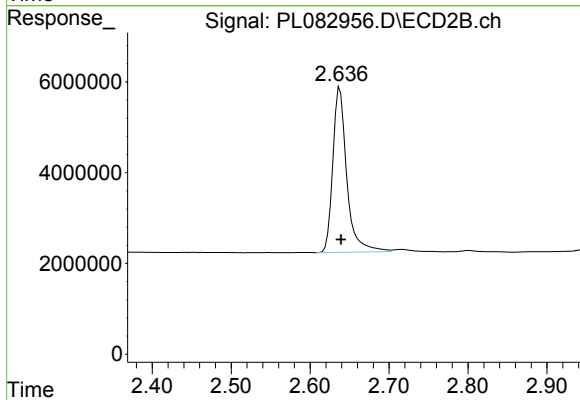
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 53613091
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

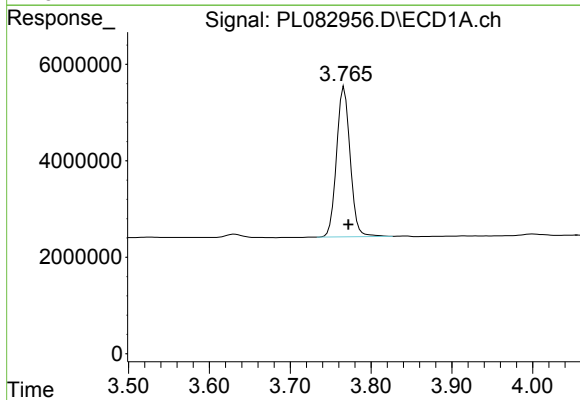
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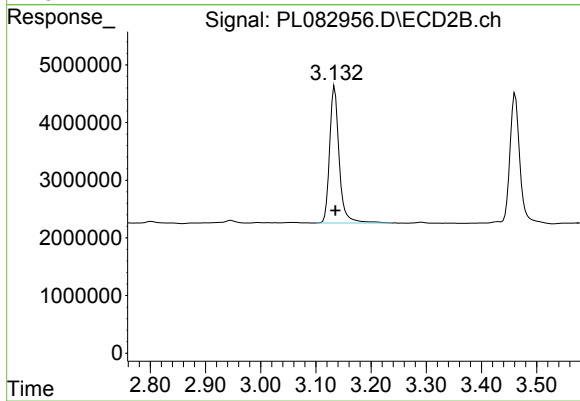
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 44685826
Conc: 17.21 ng/ml



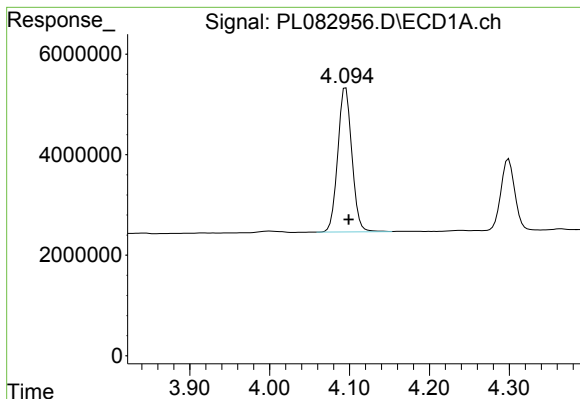
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: -0.005 min
Response: 36289403
Conc: 8.17 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 28552549
Conc: 7.65 ng/ml



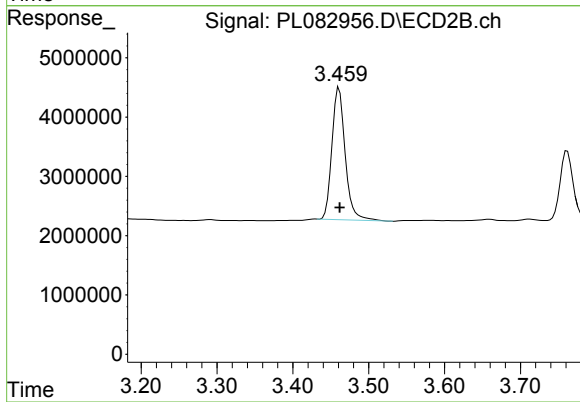
#3 gamma-BHC (Lindane)

R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 35141411
Conc: 8.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

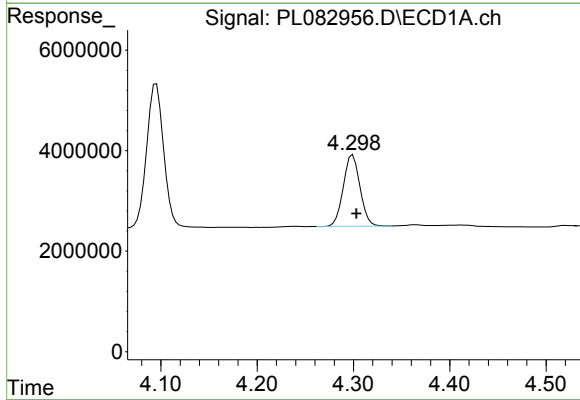
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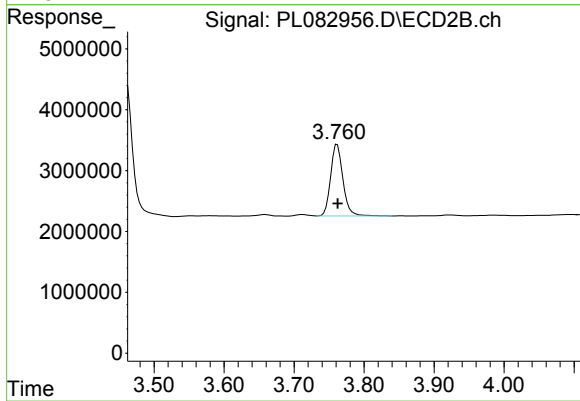
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: -0.001 min
Response: 27142851
Conc: 8.14 ng/ml



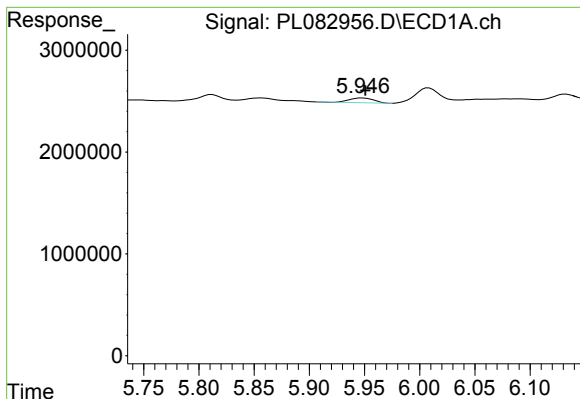
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 17054039
Conc: 9.06 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 14362155
Conc: 10.04 ng/ml



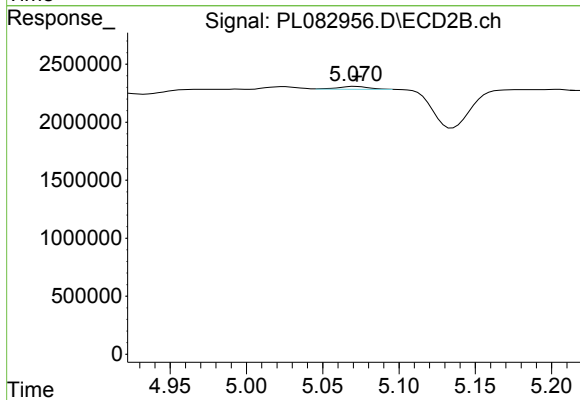
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 738071
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

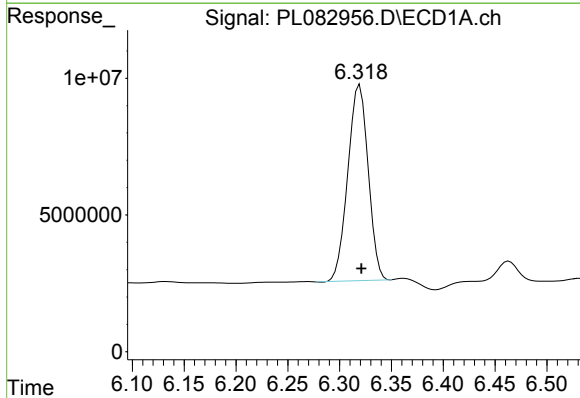
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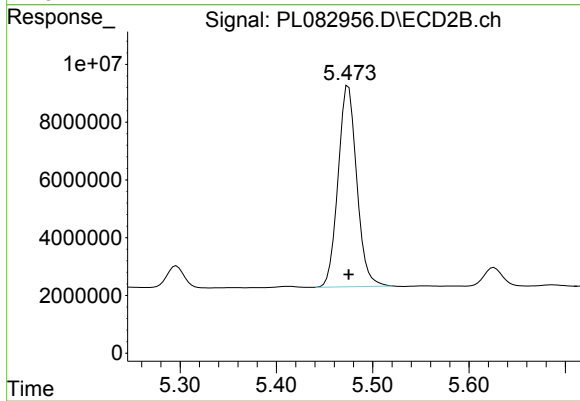
#12 4,4'-DDE

R.T.: 5.070 min
Delta R.T.: -0.003 min
Response: 351782
Conc: 0.14 ng/ml m



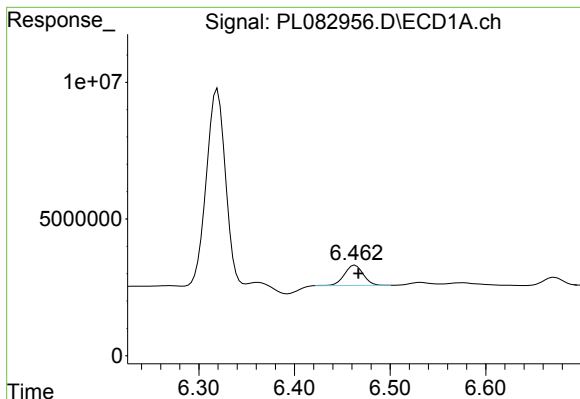
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 97868214
Conc: 36.42 ng/ml



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 93636546
Conc: 36.91 ng/ml



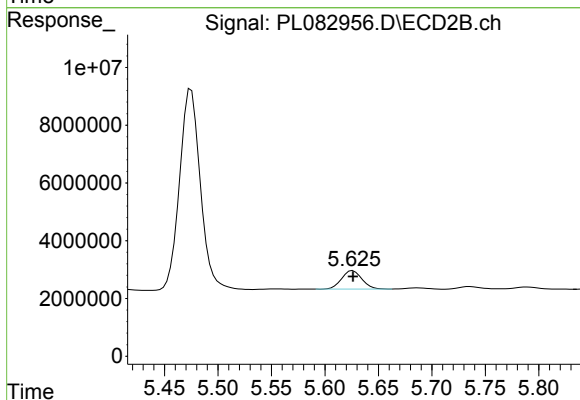
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 10173471
Conc: 4.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

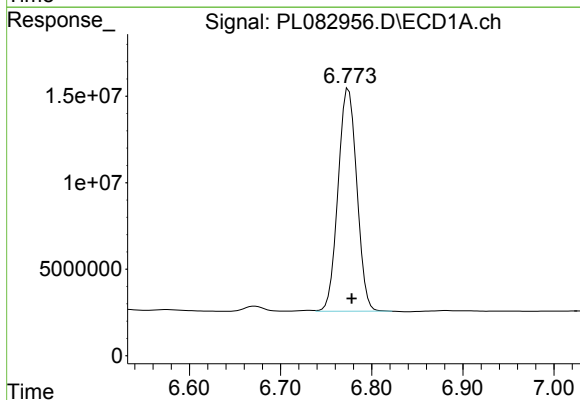
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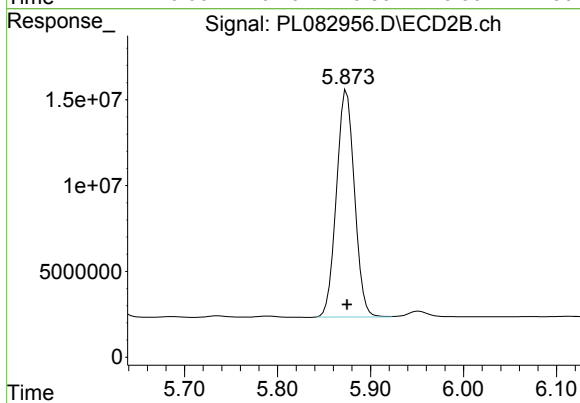
#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 8408768
Conc: 4.37 ng/ml



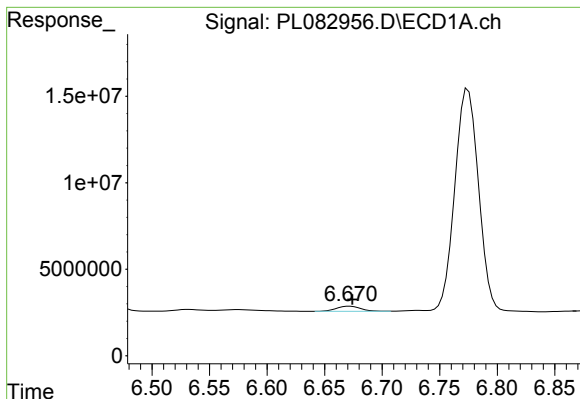
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 184225624
Conc: 73.60 ng/ml



#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 178457280
Conc: 79.99 ng/ml



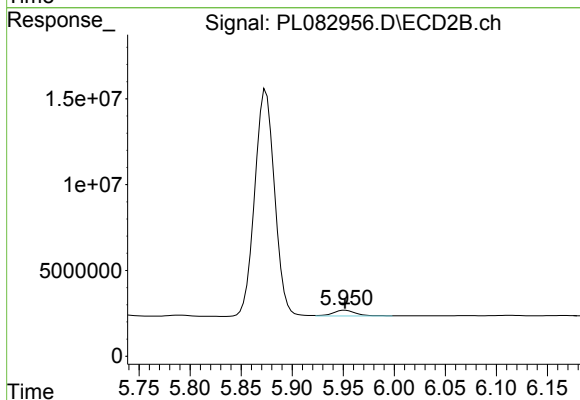
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 4426436
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

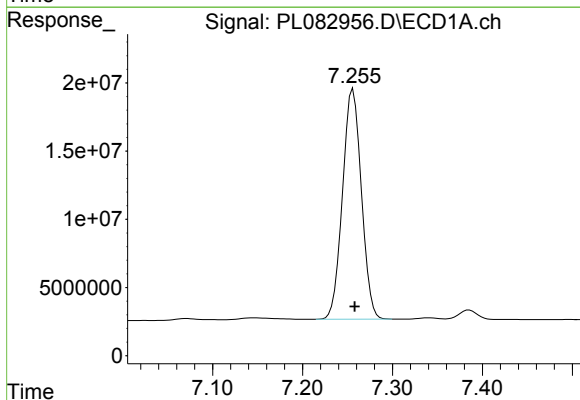
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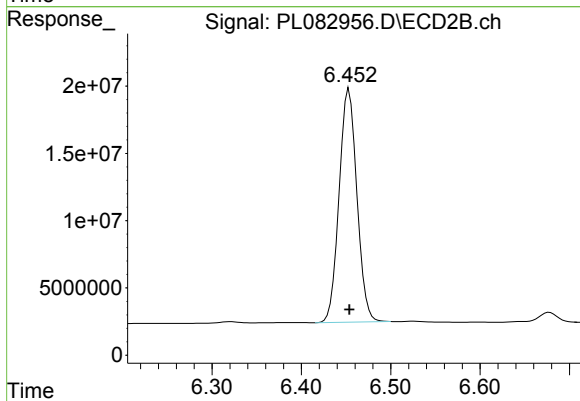
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 5209395
Conc: 2.63 ng/ml



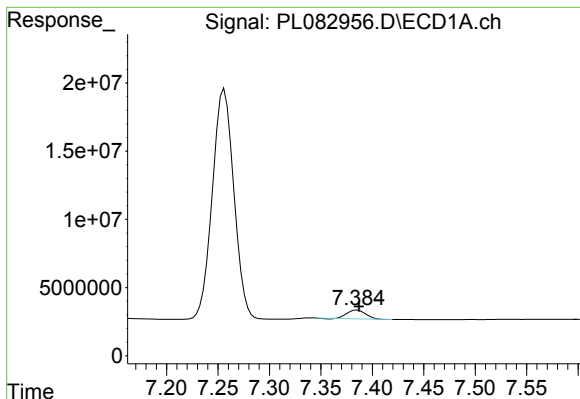
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 245895834
Conc: 185.95 ng/ml



#20 Methoxychlor

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 239999468
Conc: 188.72 ng/ml



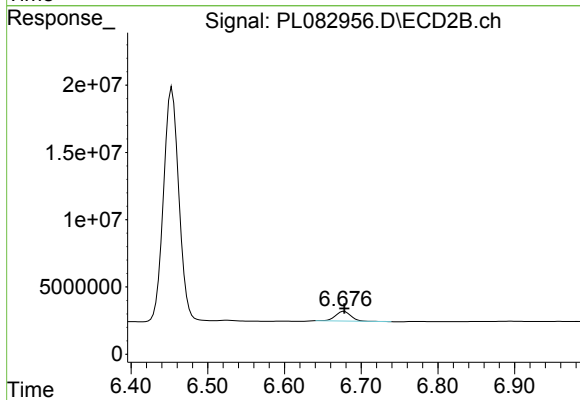
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 7898681
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

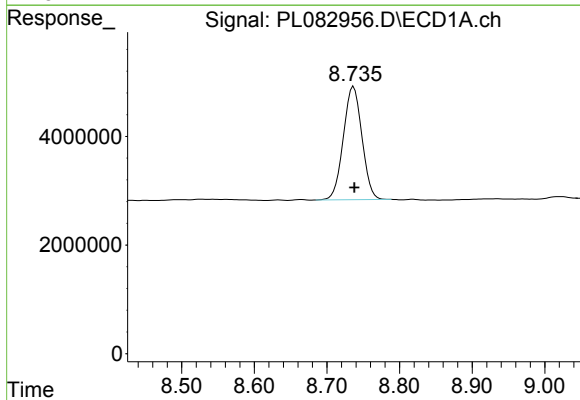
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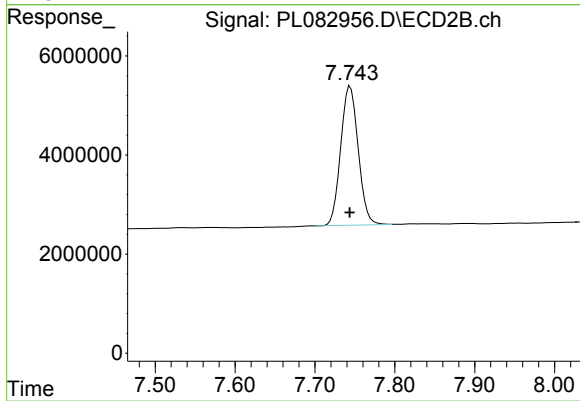
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 9993865
Conc: 3.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.001 min
Response: 37149415
Conc: 17.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 42729012
Conc: 17.18 ng/ml