

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
 Data File : PL081884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 08:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 21:59:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.330	2.656	47494586	39097914	20.420	19.587
28)	SA Decachlor...	8.751	7.772	34519674	39785433	19.289	20.061
Target Compounds							
2)	A alpha-BHC	3.779	3.154	32124938	25457308	9.370	8.733
3)	MA gamma-BHC...	4.107	3.482	31013091	24400557	9.762	8.764
6)	B beta-BHC	4.310	3.782	15742657	12890809	10.460	10.824
12)	B 4,4'-DDE	5.959	5.096	585219	531269	0.260	0.270m
14)	MA Endrin	6.332	5.501	90867148	91077179	42.959	45.005
16)	A 4,4'-DDD	6.475	5.651	7405709	7484035	4.106	4.932
17)	MA 4,4'-DDT	6.787	5.900	169.3E6	169.7E6	83.407	98.458
18)	B Endrin al...	6.683	5.978	3260085	4447167	1.993	2.864 #
20)	A Methoxychlor	7.267	6.480	226.2E6	229.8E6	210.065	230.679
21)	B Endrin ke...	7.395	6.705	6616440	7775067	3.159m	3.638

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

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ALS Vial : 3 Sample Multiplier: 1

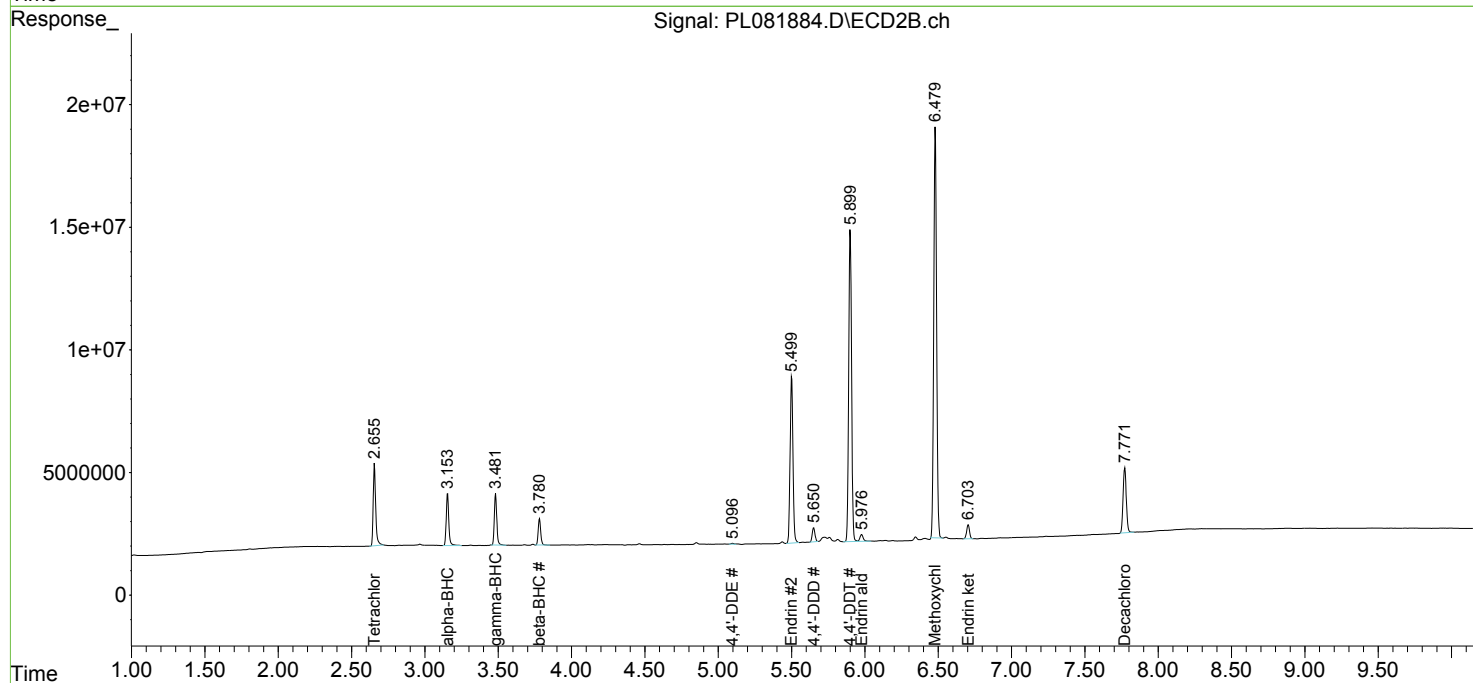
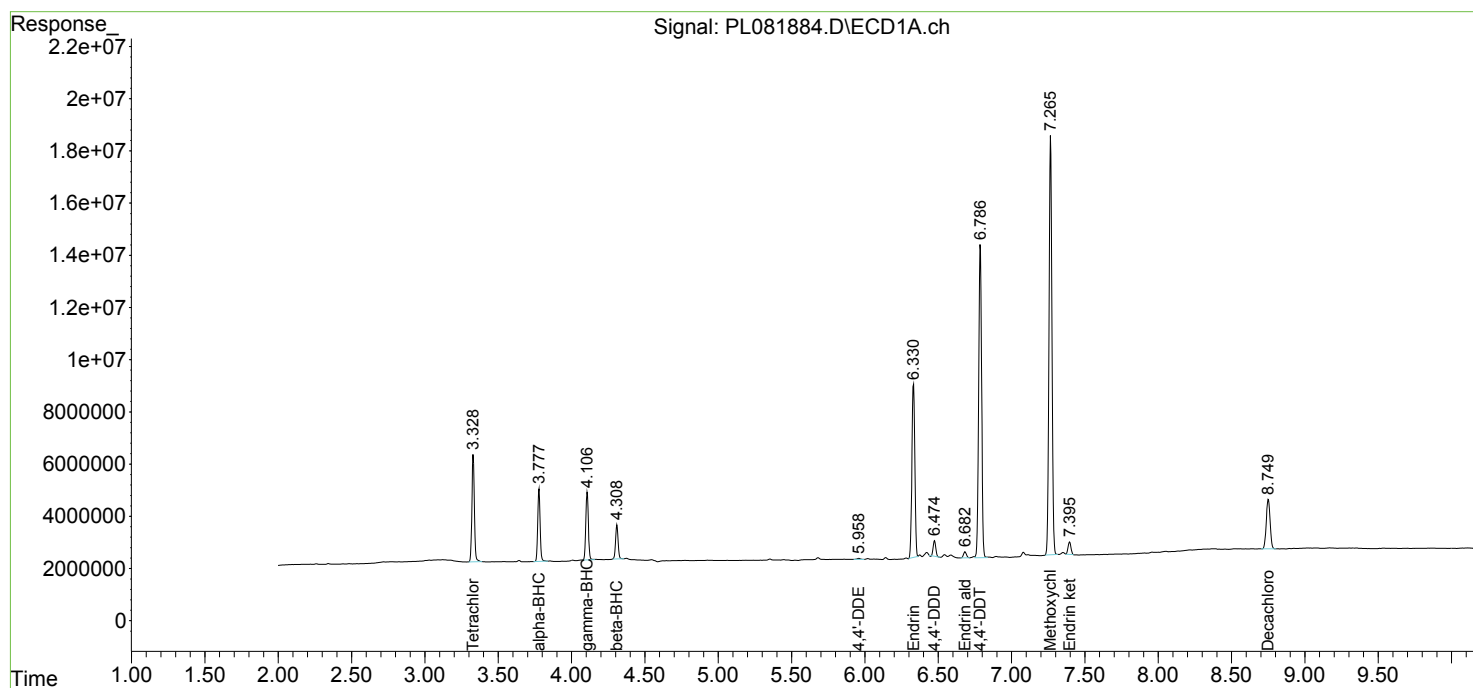
Instrument :
ECD_L
ClientSampleId :
PEM

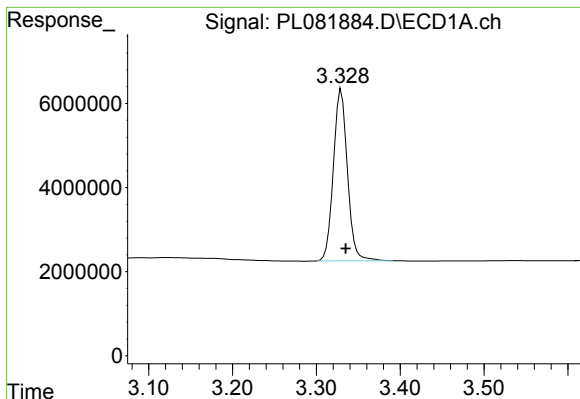
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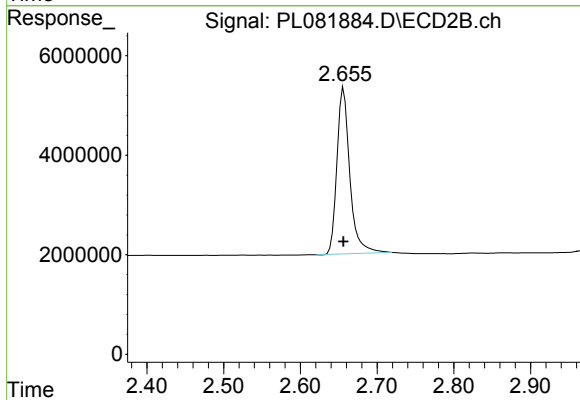
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 47494586
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

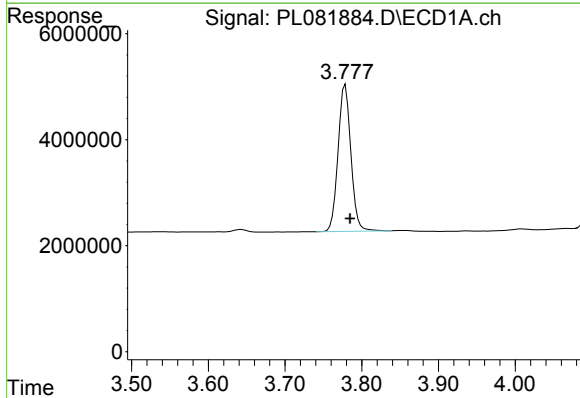
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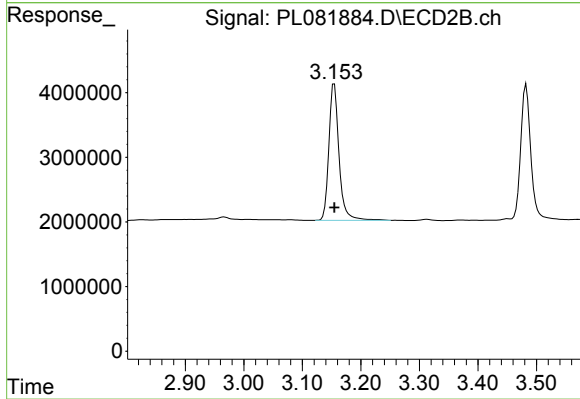
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.000 min
Response: 39097914
Conc: 19.59 ng/ml



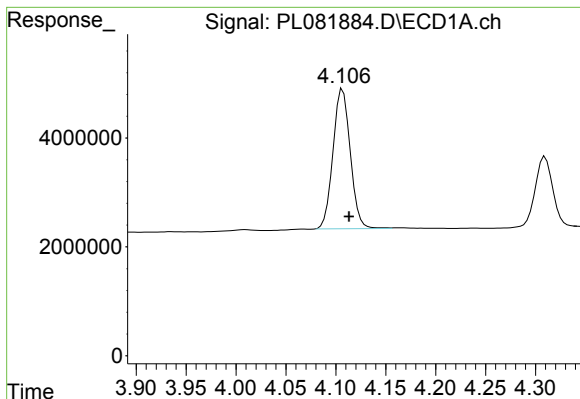
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 32124938
Conc: 9.37 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 25457308
Conc: 8.73 ng/ml



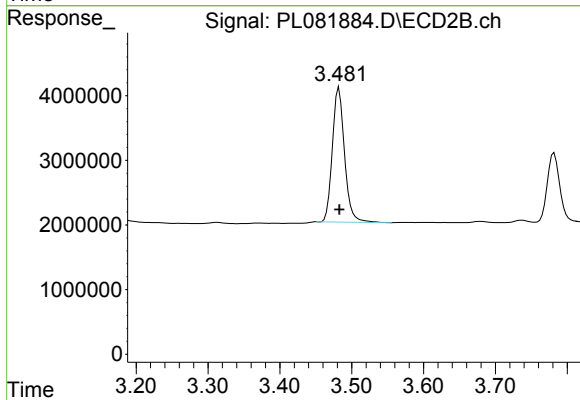
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.006 min
Response: 31013091
Conc: 9.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

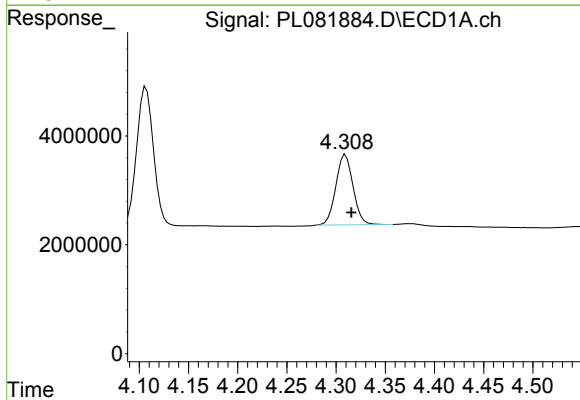
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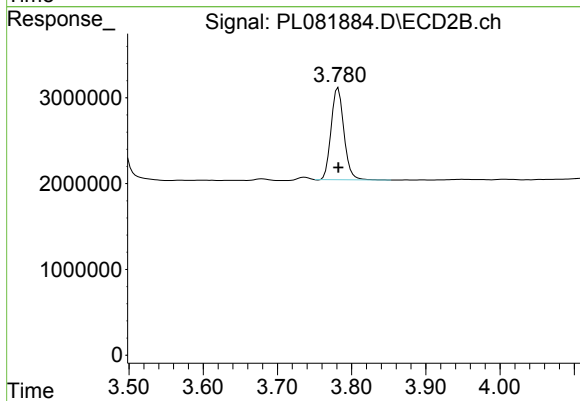
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 24400557
Conc: 8.76 ng/ml



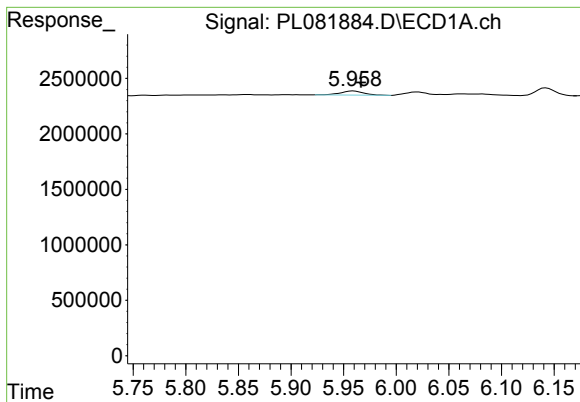
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 15742657
Conc: 10.46 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 12890809
Conc: 10.82 ng/ml



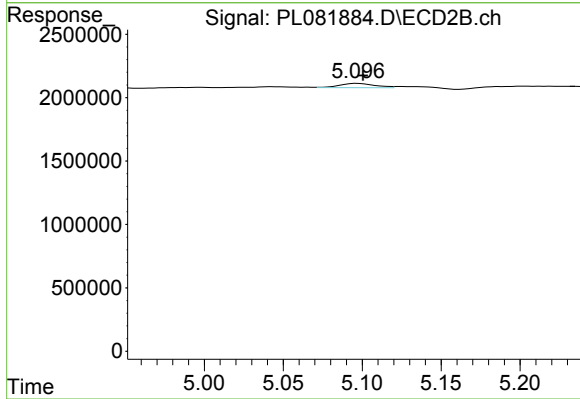
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 585219
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

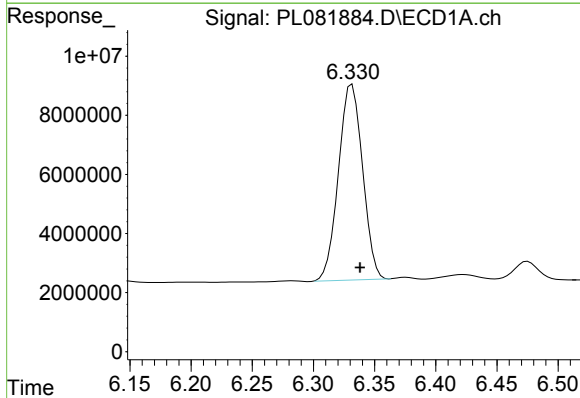
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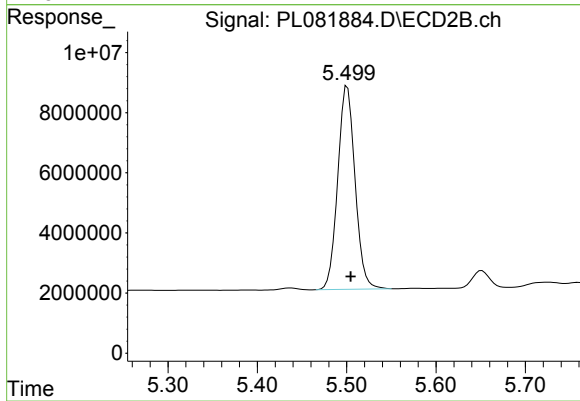
#12 4,4'-DDE

R.T.: 5.096 min
Delta R.T.: -0.005 min
Response: 531269
Conc: 0.27 ng/ml m



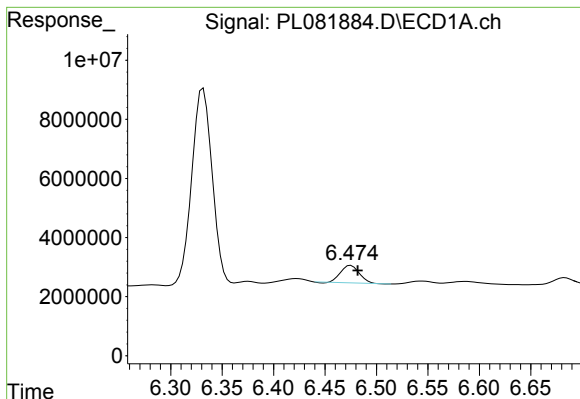
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 90867148
Conc: 42.96 ng/ml



#14 Endrin

R.T.: 5.501 min
Delta R.T.: -0.004 min
Response: 91077179
Conc: 45.00 ng/ml



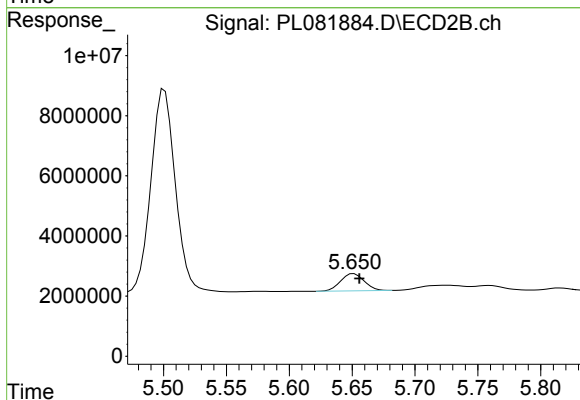
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 7405709
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

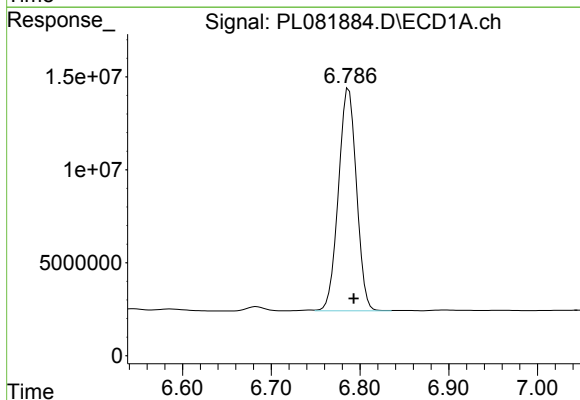
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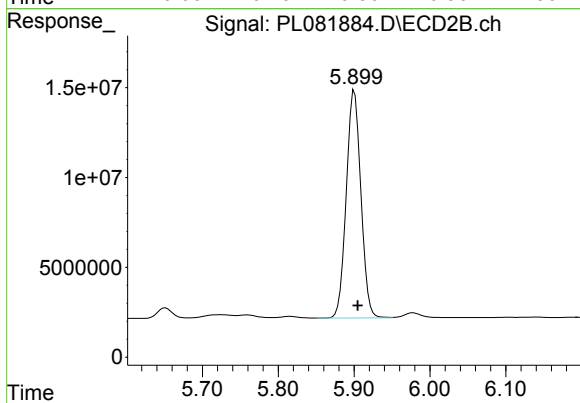
#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 7484035
Conc: 4.93 ng/ml



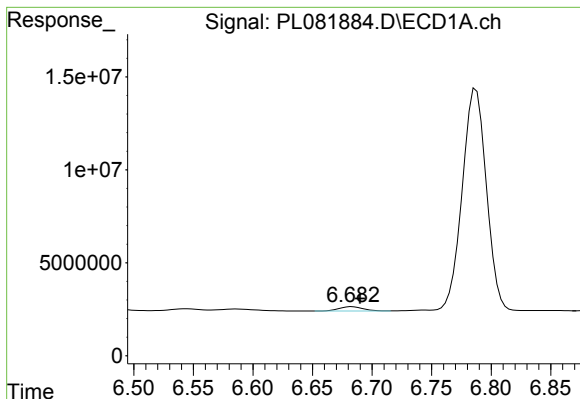
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 169286244
Conc: 83.41 ng/ml



#17 4,4'-DDT

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 169670491
Conc: 98.46 ng/ml



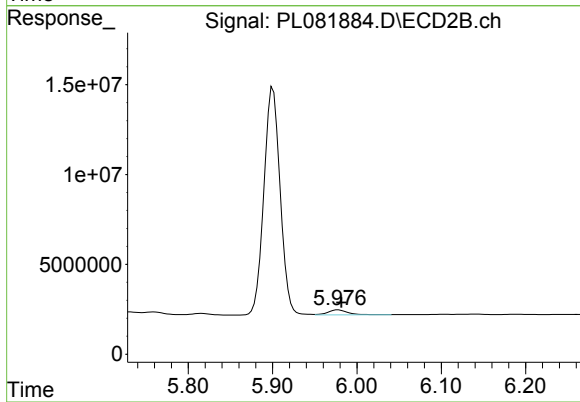
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 3260085
Conc: 1.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

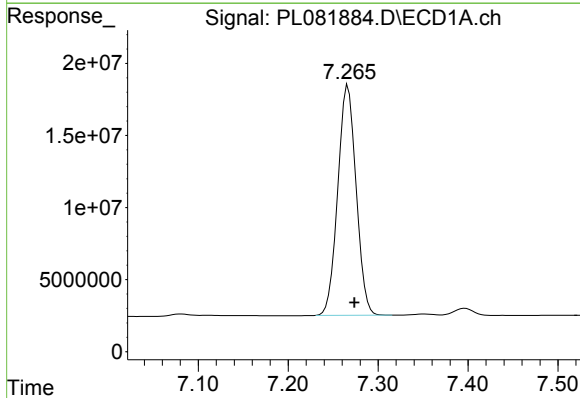
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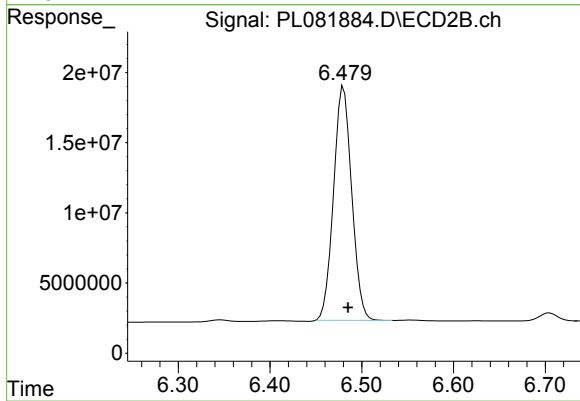
#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 4447167
Conc: 2.86 ng/ml



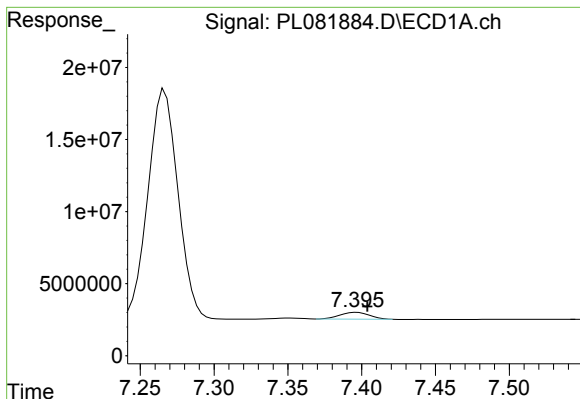
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 226217450
Conc: 210.06 ng/ml



#20 Methoxychlor

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 229765103
Conc: 230.68 ng/ml



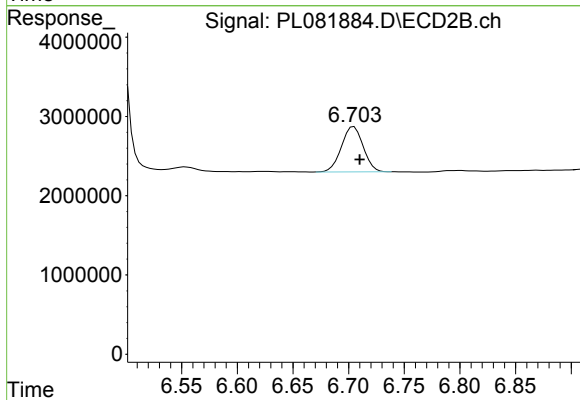
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 6616440
Conc: 3.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

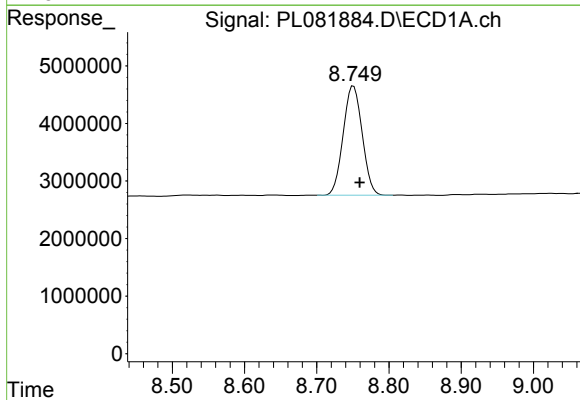
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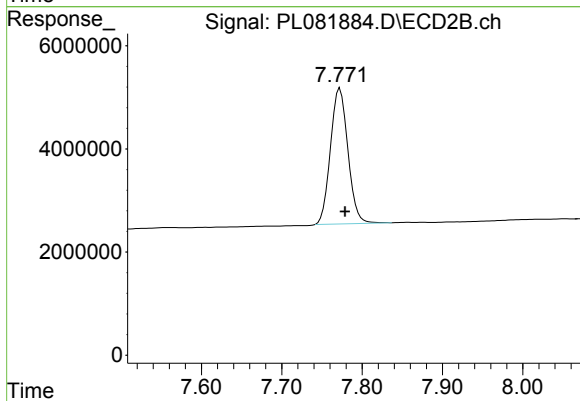
#21 Endrin ketone

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 7775067
Conc: 3.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 34519674
Conc: 19.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: -0.006 min
Response: 39785433
Conc: 20.06 ng/ml