

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 09:19
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:12:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.634	2.852	58593112	30024091	22.111	22.528
28)	SA Decachlor...	9.300	8.078	52718249	32074396	21.327	23.655
Target Compounds							
2)	A alpha-BHC	4.098	3.364	40815318	19815411	10.225	9.861m
3)	MA gamma-BHC...	4.437	3.702	39821986	19465362	10.268	10.143
6)	B beta-BHC	4.633	4.004	19030222	9900682	10.731m	11.549
12)	B 4,4'-DDE	6.328	5.357	461936	282310	0.155m	0.194m#
14)	MA Endrin	6.717	5.770	132.6E6	77792801	48.502	53.969
16)	A 4,4'-DDD	6.852	5.920	4467921	2208905	1.754	1.774
17)	MA 4,4'-DDT	7.171	6.175	282.5E6	164.8E6	105.975	122.781
18)	B Endrin al...	7.068	6.248	5032451	2838342	2.410m	2.708m
20)	A Methoxychlor	7.650	6.758	362.1E6	206.6E6	240.383	257.617
21)	B Endrin ke...	7.797	6.987	8271553	5529644	2.798	3.350

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

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Acq On : 01 Apr 2024 09:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

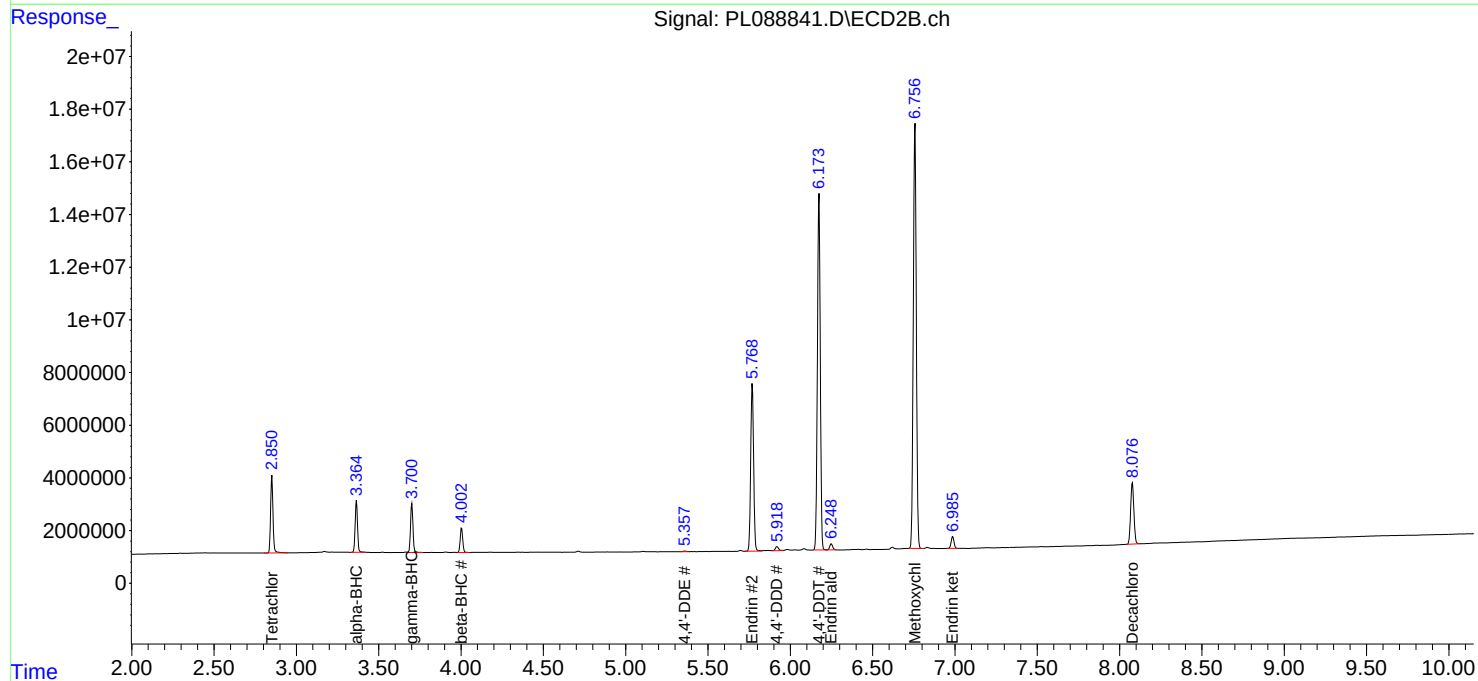
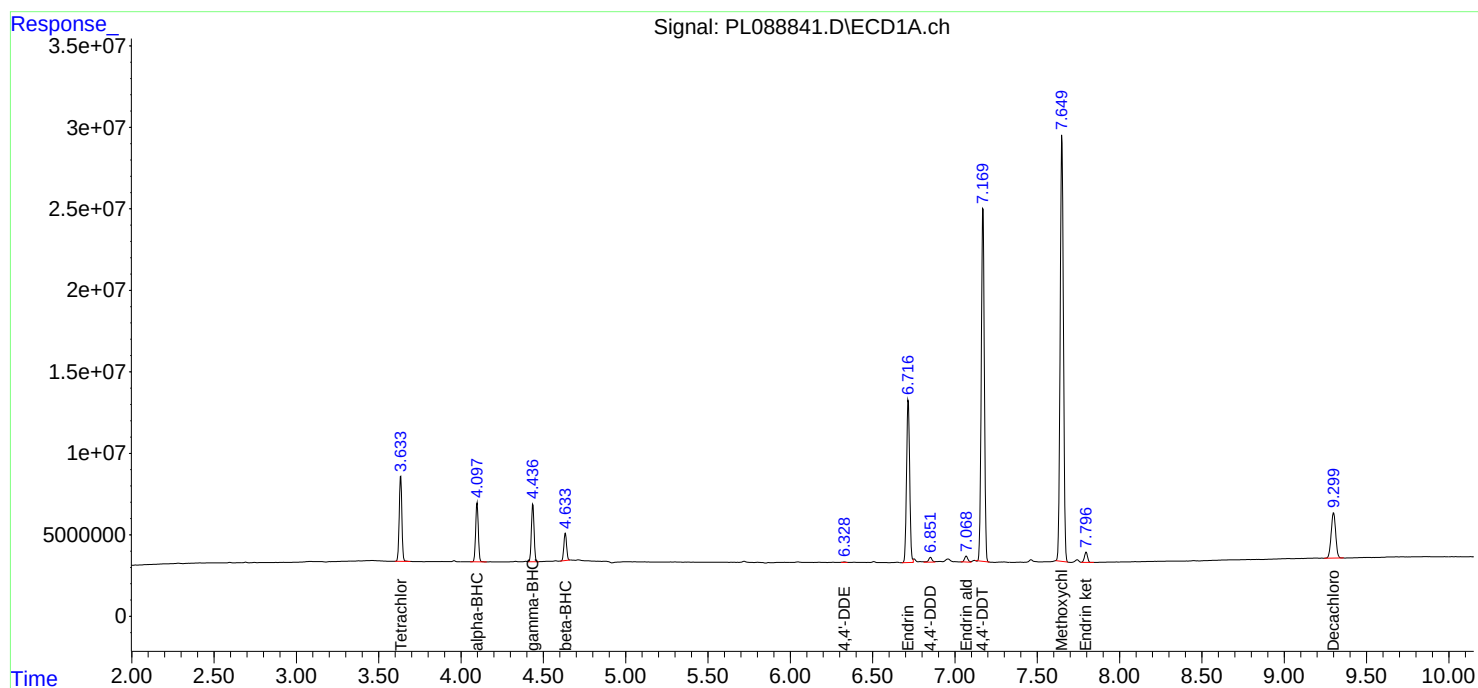
Instrument :
ECD_L
ClientSampleId :
PEM

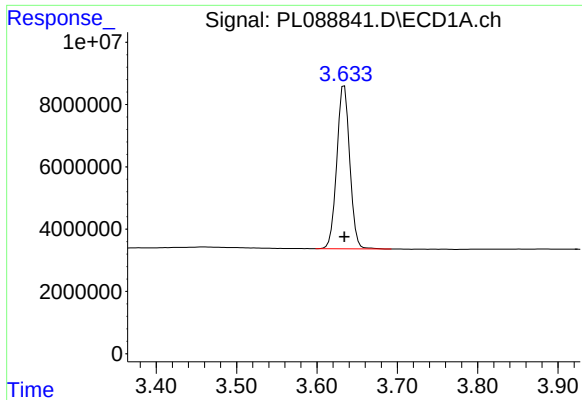
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
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QLast Update : Wed Mar 13 15:45:55 2024
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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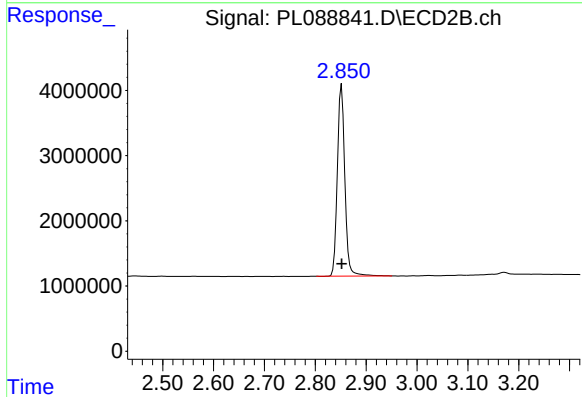
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 58593112
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

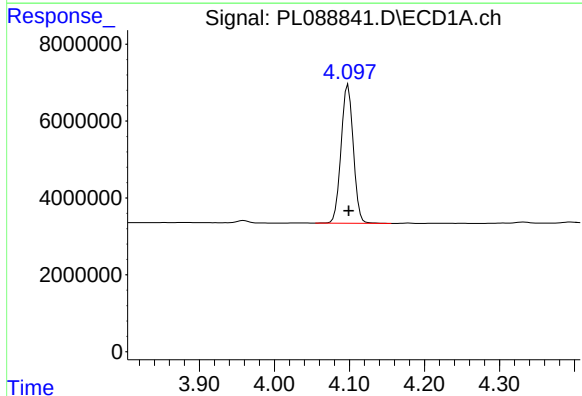
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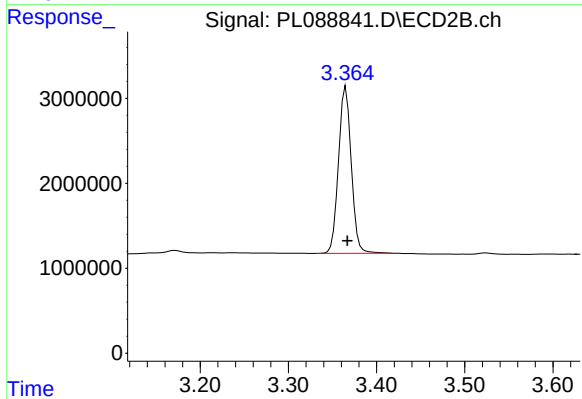
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 30024091
Conc: 22.53 ng/ml



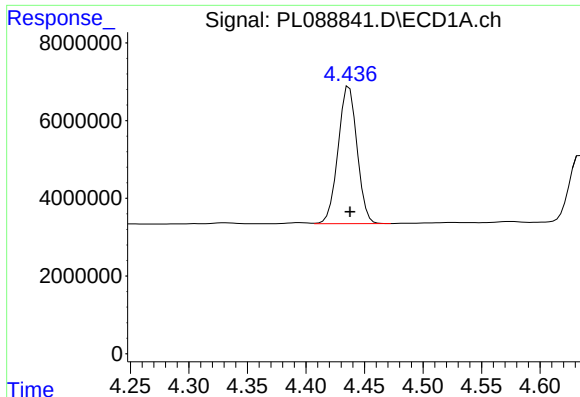
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40815318
Conc: 10.23 ng/ml



#2 alpha-BHC

R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 19815411
Conc: 9.86 ng/ml m



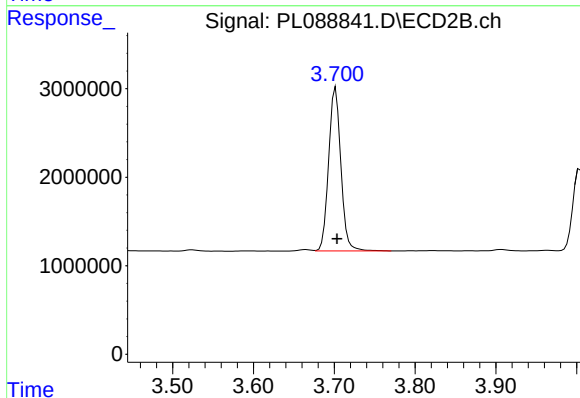
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39821986
Conc: 10.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

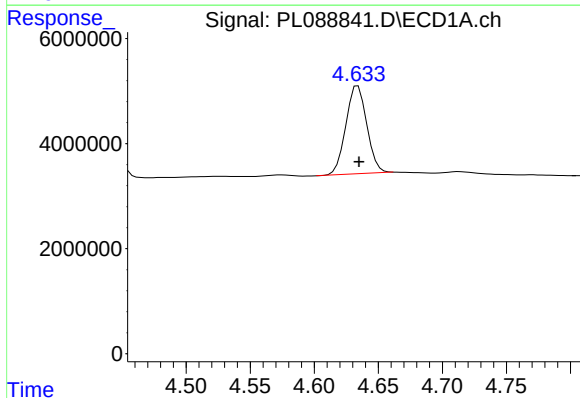
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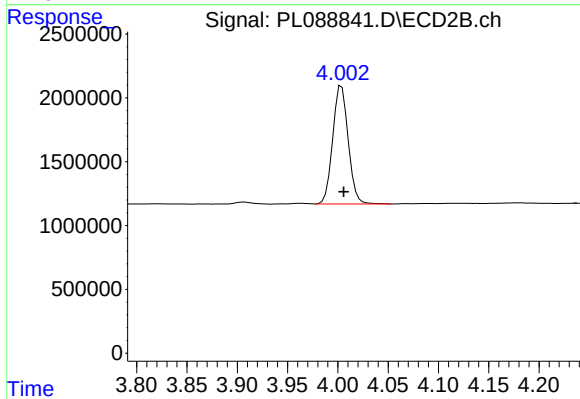
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 19465362
Conc: 10.14 ng/ml



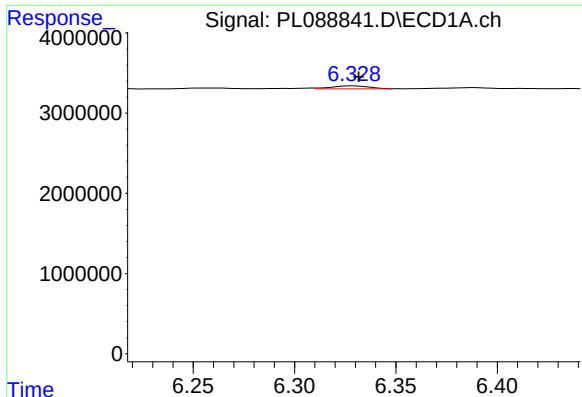
#6 beta-BHC

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 19030222
Conc: 10.73 ng/ml m



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 9900682
Conc: 11.55 ng/ml



#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 461936
Conc: 0.15 ng/ml

Instrument :
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ClientSampleId :
PEM

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#12 4,4'-DDE

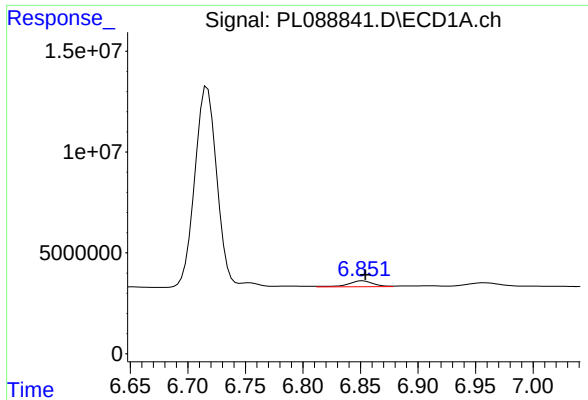
R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 282310
Conc: 0.19 ng/ml m

#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 132590406
Conc: 48.50 ng/ml

#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 77792801
Conc: 53.97 ng/ml



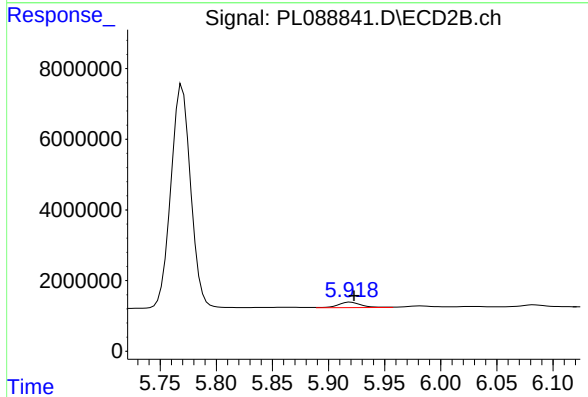
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 4467921
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

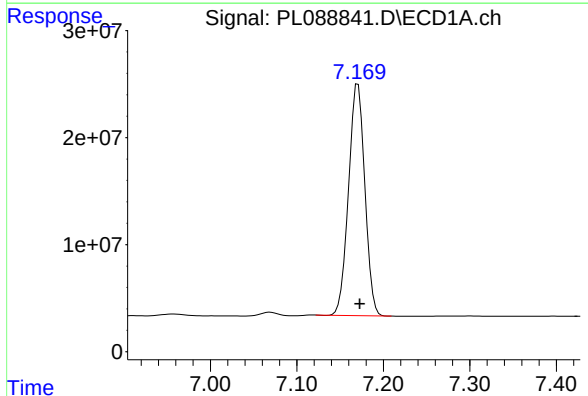
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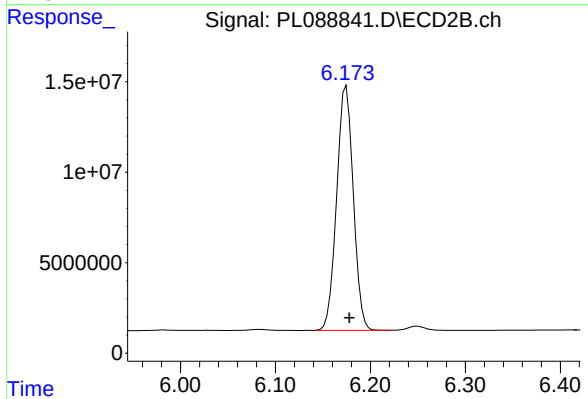
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 2208905
Conc: 1.77 ng/ml



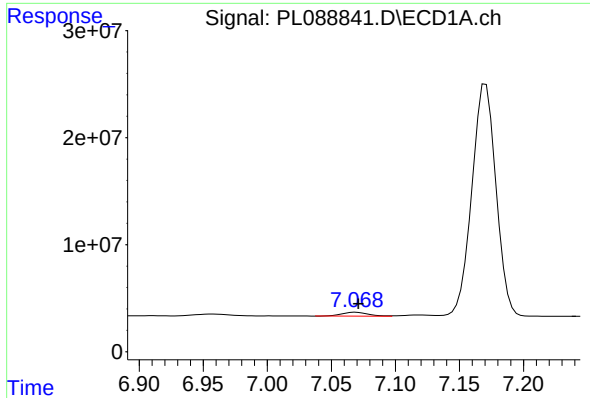
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 282472784
Conc: 105.97 ng/ml



#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 164796309
Conc: 122.78 ng/ml



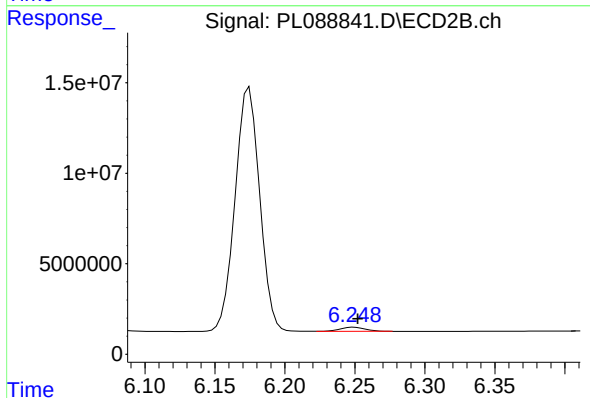
#18 Endrin aldehyde

R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 5032451
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

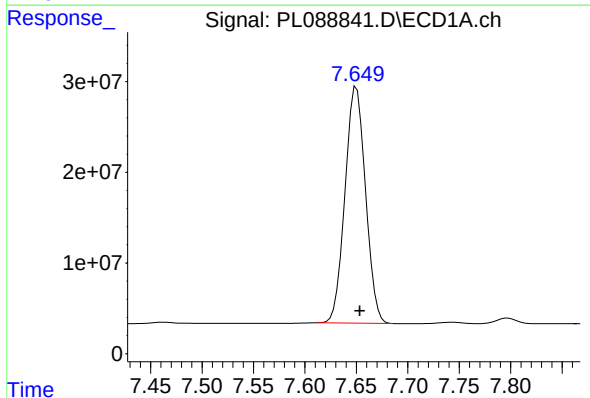
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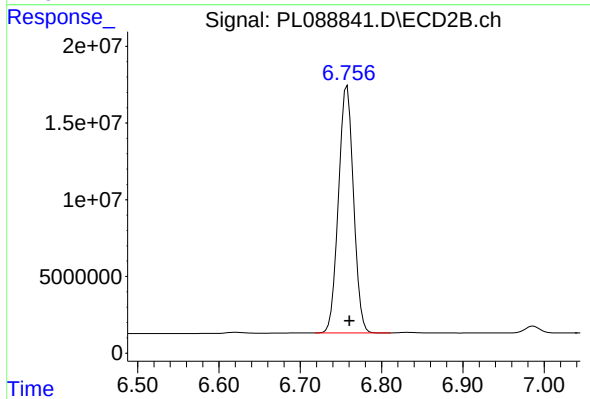
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.004 min
Response: 2838342
Conc: 2.71 ng/ml m



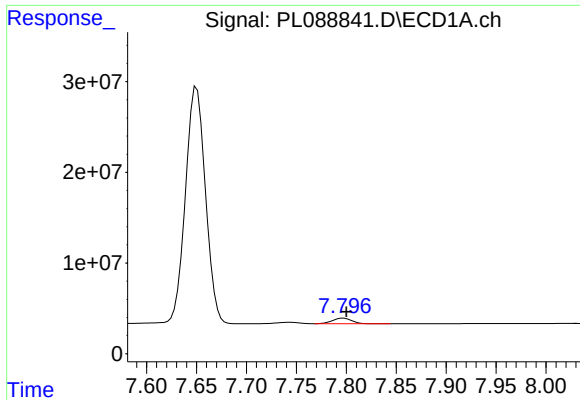
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 362140636
Conc: 240.38 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 206626762
Conc: 257.62 ng/ml



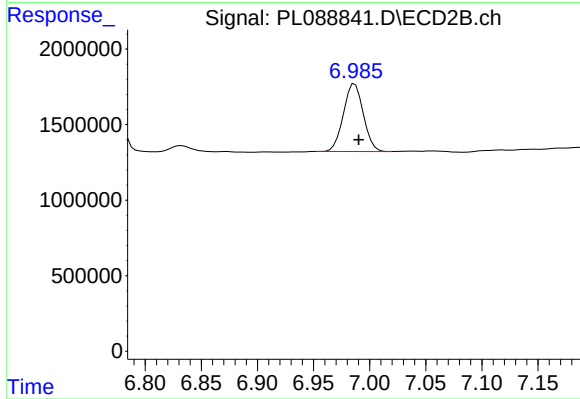
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 8271553
Conc: 2.80 ng/ml

Instrument :
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ClientSampleId :
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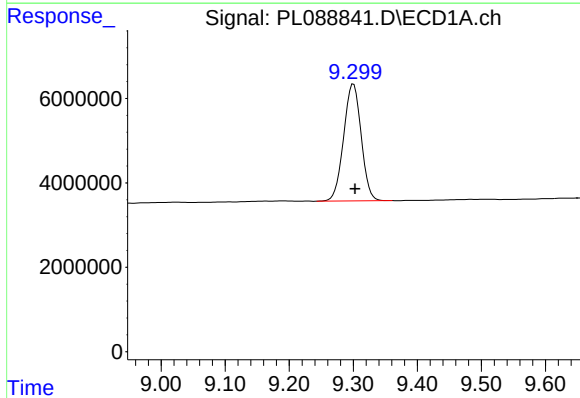
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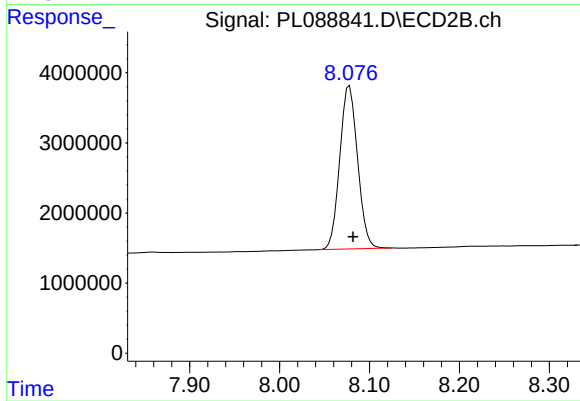
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 5529644
Conc: 3.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 52718249
Conc: 21.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 32074396
Conc: 23.66 ng/ml