

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082724\
 Data File : PL091339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Aug 2024 14:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/28/2024
 Supervised By :Ankita Jodhani 08/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:32:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.546	2.786	39291033	39807015	18.299	20.393
28)	SA Decachlor...	9.059	7.926	31321372	38126587	20.545	20.129
Target Compounds							
2)	A alpha-BHC	4.001	3.289	30580626	26860201	10.201	9.685
3)	MA gamma-BHC...	4.333	3.619	29311495	24630299	10.218	9.351
6)	B beta-BHC	4.530	3.916	14701719	13337689	10.871	11.331m
12)	B 4,4'-DDE	6.195	5.243	547332	215498	0.262m	0.103m#
14)	MA Endrin	6.578	5.651	83871711	98163013	43.250m	48.187
16)	A 4,4'-DDD	6.714	5.798	6930204	5668301	4.585	3.434 #
17)	MA 4,4'-DDT	7.029	6.049	145.5E6	180.7E6	81.953	101.739
18)	B Endrin al...	6.928	6.124	2850920	3215235	1.786	2.064
20)	A Methoxychlor	7.504	6.624	196.2E6	229.9E6	208.680	231.553
21)	B Endrin ke...	7.646	6.852	7781434	6706910	3.706m	3.079

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

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Acq On : 27 Aug 2024 14:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

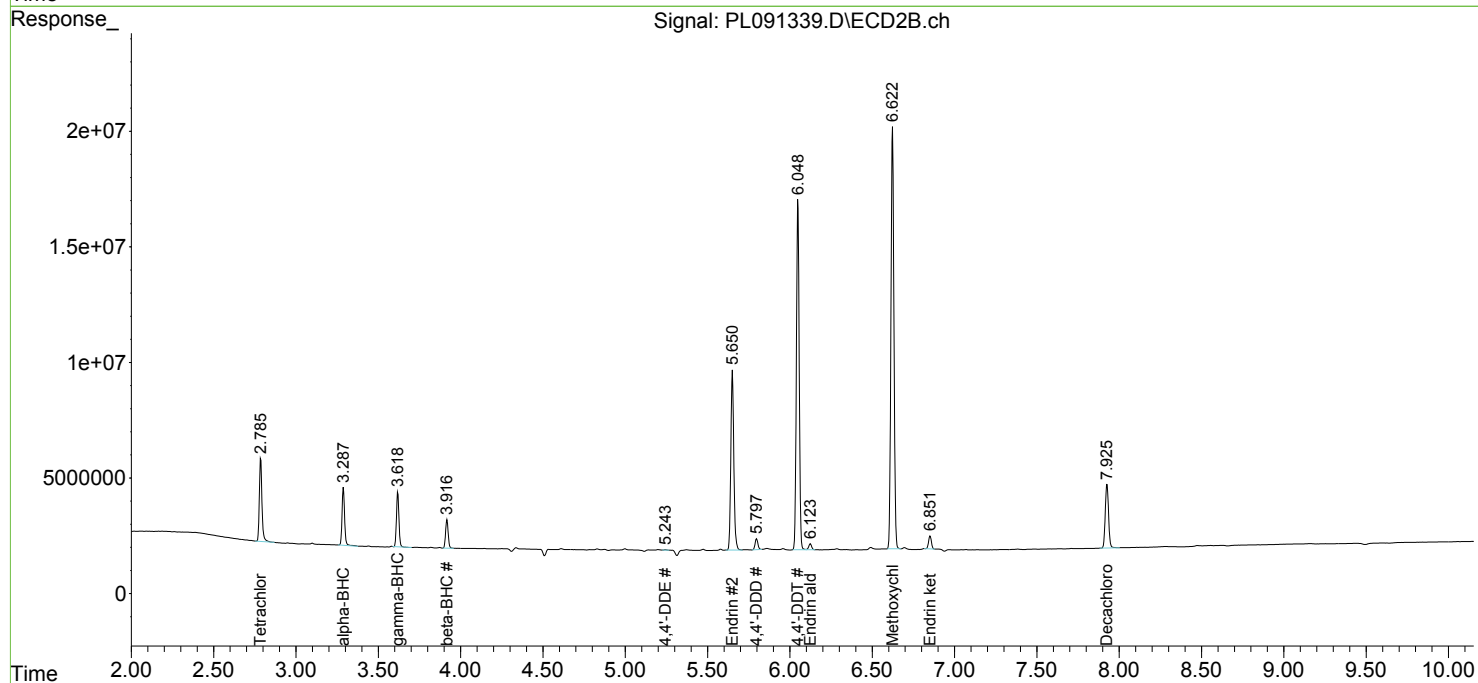
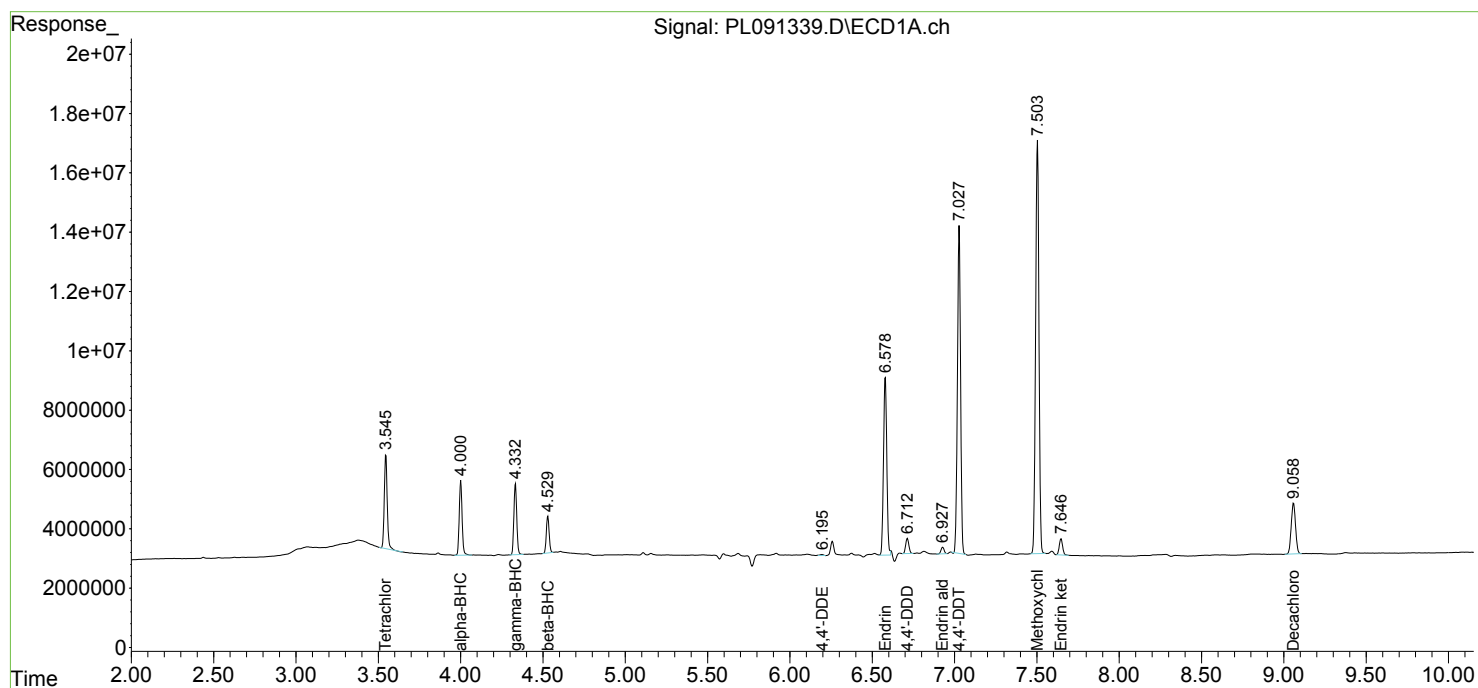
Instrument :
ECD_L
ClientSampleId :
PEM

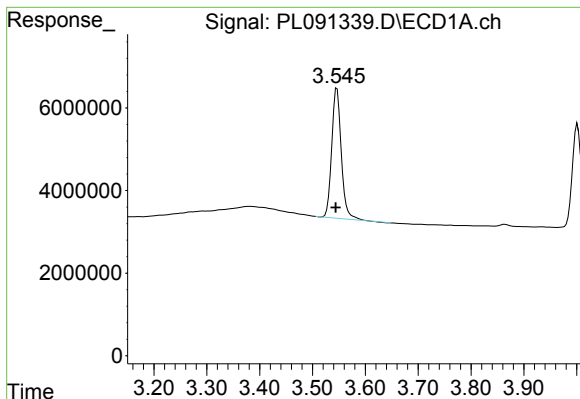
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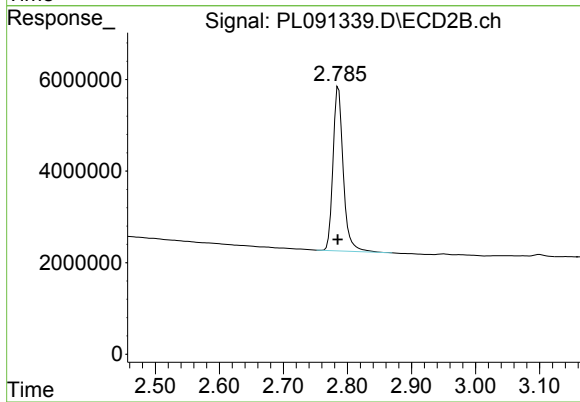
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.002 min
Response: 39291033
Conc: 18.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

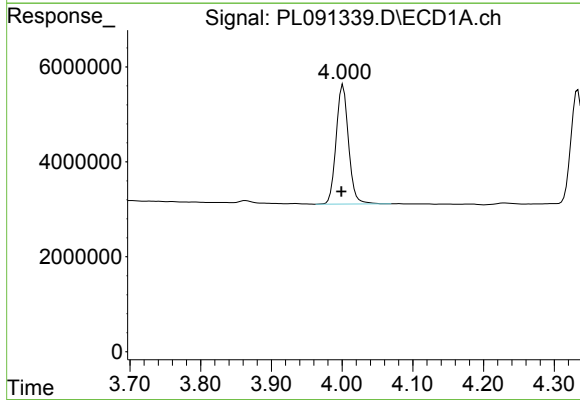
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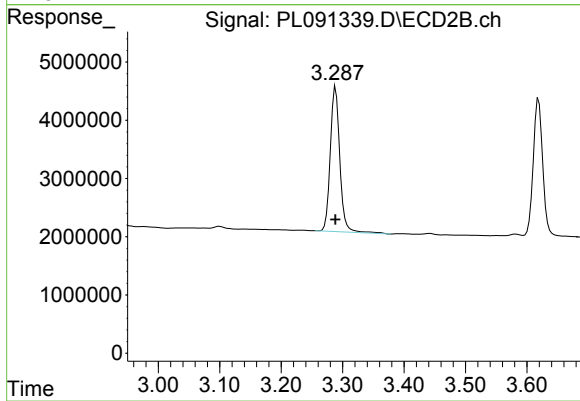
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.001 min
Response: 39807015
Conc: 20.39 ng/ml



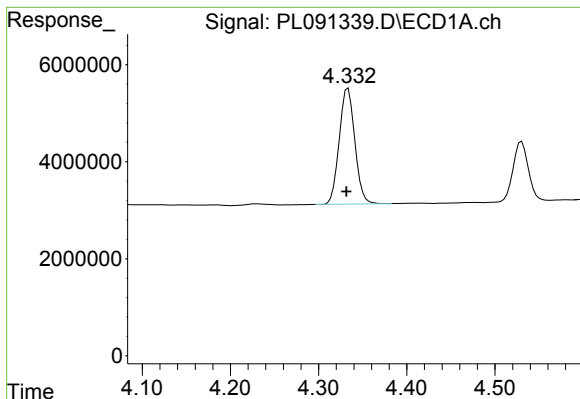
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 30580626
Conc: 10.20 ng/ml



#2 alpha-BHC

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 26860201
Conc: 9.68 ng/ml



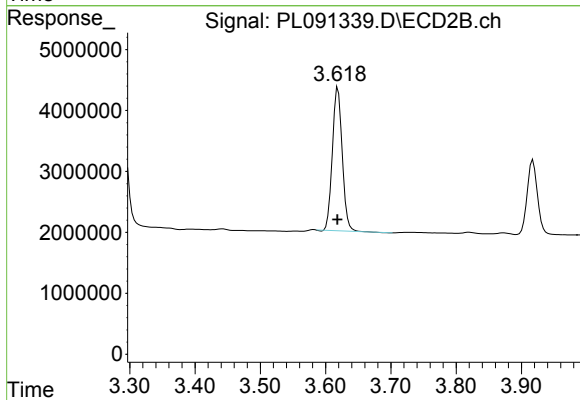
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.002 min
Response: 29311495
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

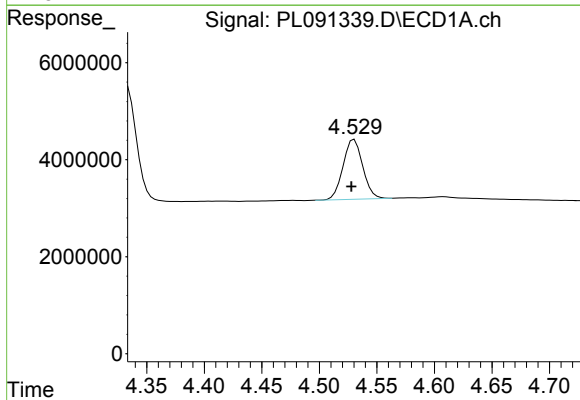
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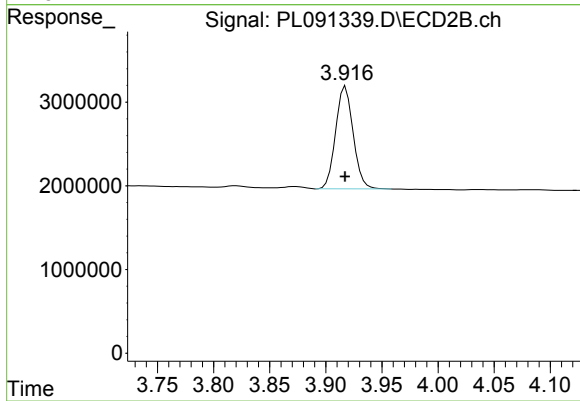
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 24630299
Conc: 9.35 ng/ml



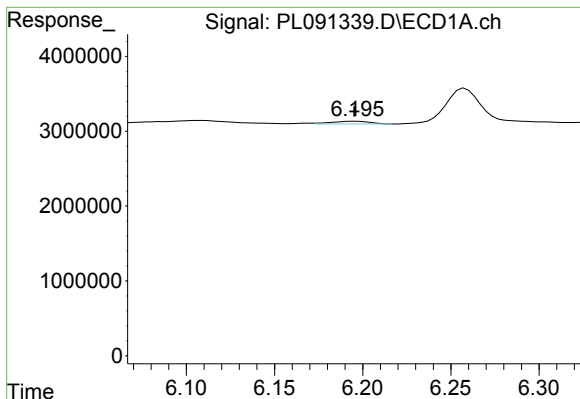
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.003 min
Response: 14701719
Conc: 10.87 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 13337689
Conc: 11.33 ng/ml m



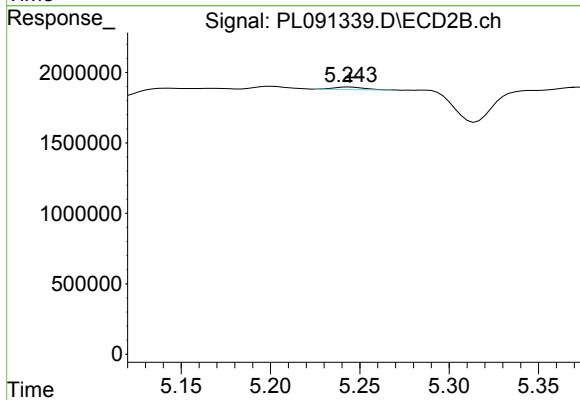
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 547332
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

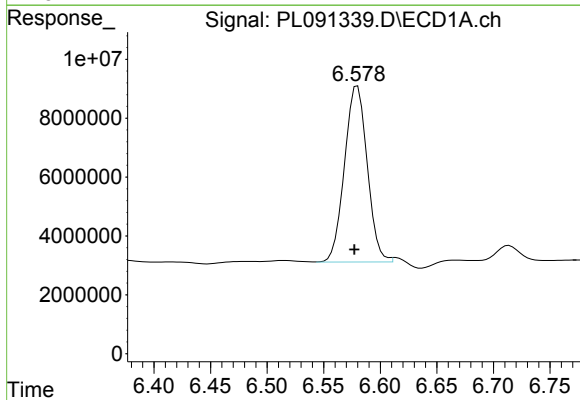
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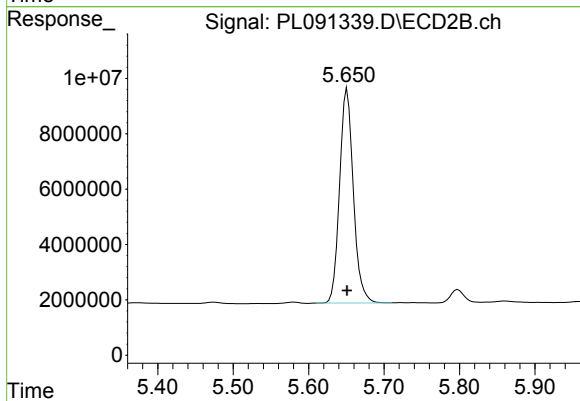
#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 215498
Conc: 0.10 ng/ml m



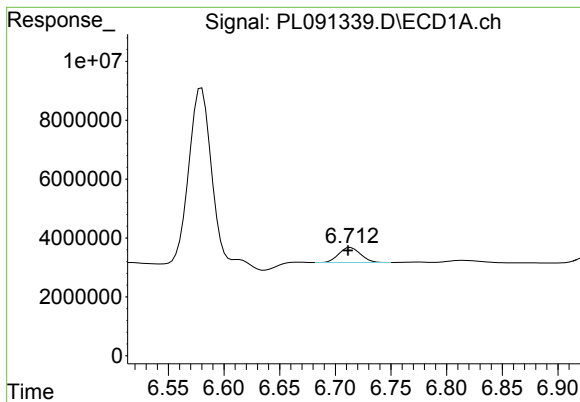
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.001 min
Response: 83871711
Conc: 43.25 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 98163013
Conc: 48.19 ng/ml



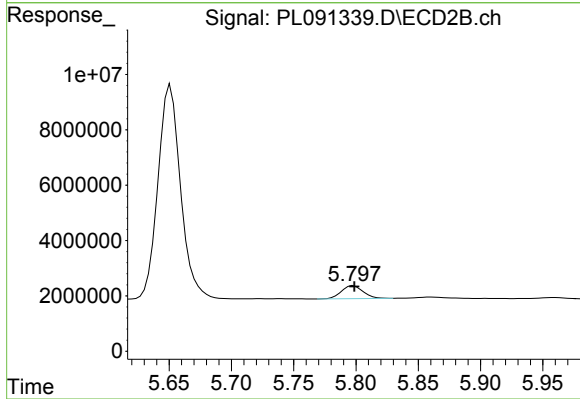
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.003 min
Response: 6930204
Conc: 4.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

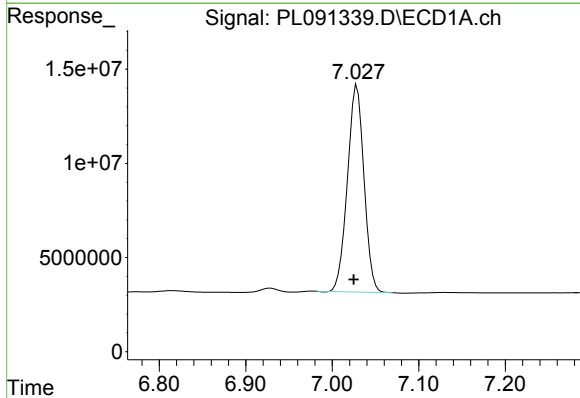
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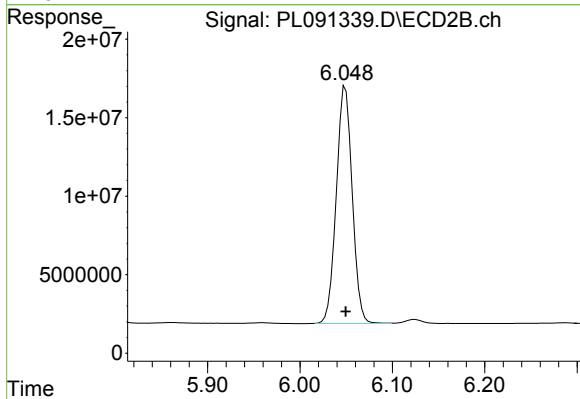
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 5668301
Conc: 3.43 ng/ml



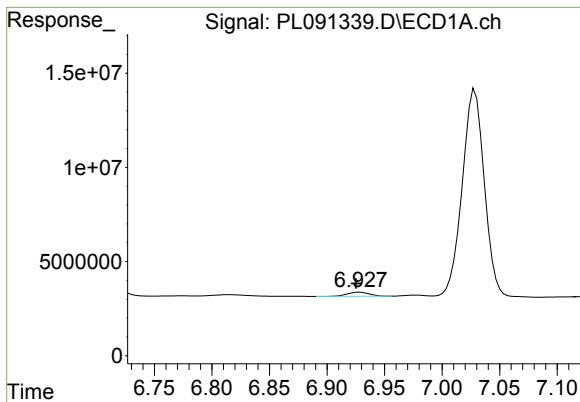
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.004 min
Response: 145473276
Conc: 81.95 ng/ml



#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 180729458
Conc: 101.74 ng/ml



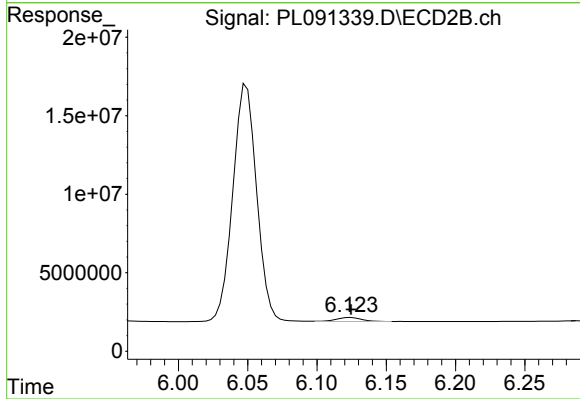
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.003 min
Response: 2850920
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

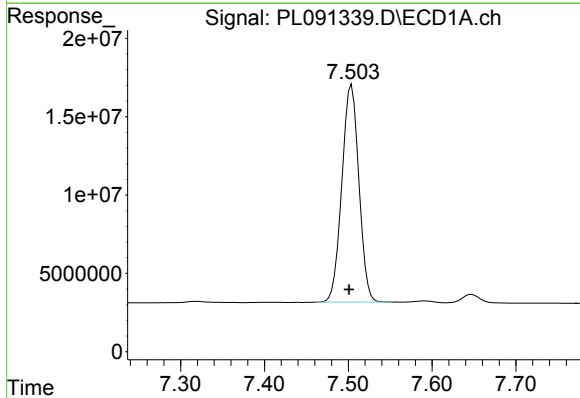
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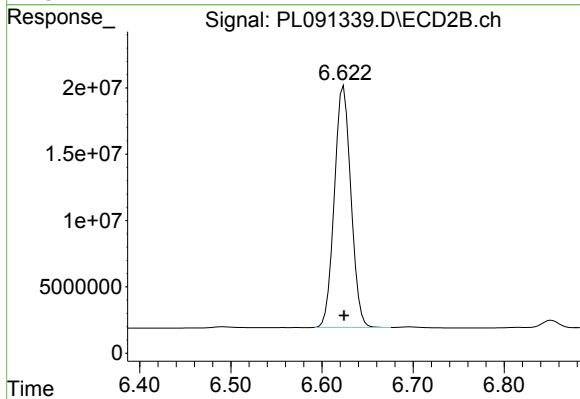
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 3215235
Conc: 2.06 ng/ml



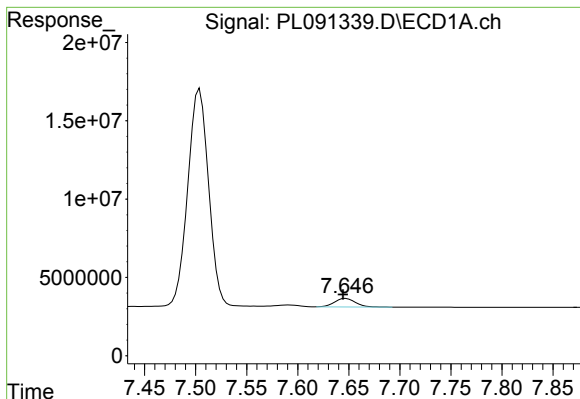
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 196214548
Conc: 208.68 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 229928001
Conc: 231.55 ng/ml



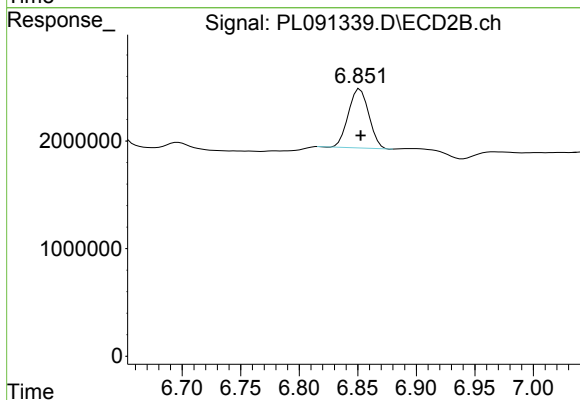
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 7781434
Conc: 3.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

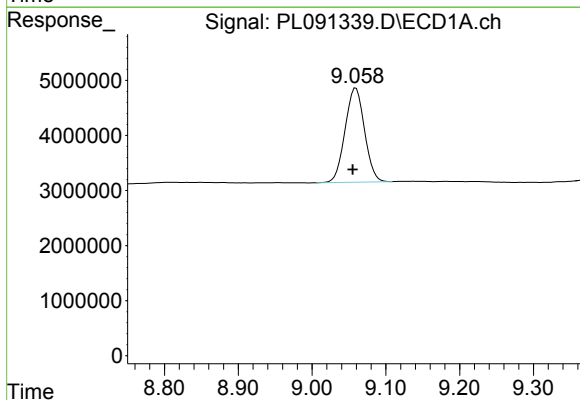
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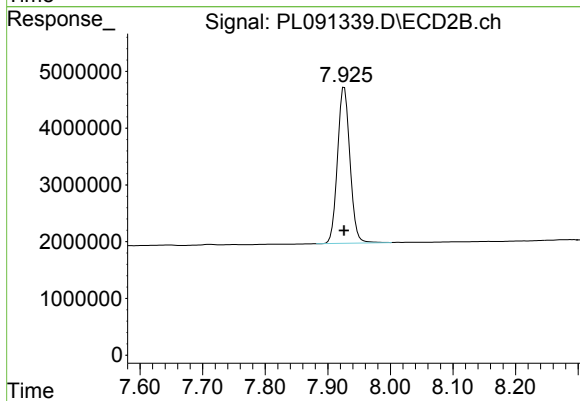
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 6706910
Conc: 3.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.004 min
Response: 31321372
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 38126587
Conc: 20.13 ng/ml