

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032224\
 Data File : PL088732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2024 09:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2024
 Supervised By : Ankita Jodhani 03/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 22:46:04 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	53835138	27955673	20.315	20.976
28)	SA Decachlor...	9.296	8.077	46794222	29328888	18.930	21.630
Target Compounds							
2)	A alpha-BHC	4.098	3.366	36993166	18613986	9.268	9.263
3)	MA gamma-BHC...	4.436	3.702	36686024	18070154	9.460	9.416
6)	B beta-BHC	4.633	4.004	18444532	9116925	10.400	10.635
14)	MA Endrin	6.715	5.769	126.3E6	77965977	46.218	54.089
16)	A 4,4'-DDD	6.849	5.920	374270	591501	0.147m	0.475m#
17)	MA 4,4'-DDT	7.169	6.174	268.6E6	163.6E6	100.777	121.917
18)	B Endrin al...	7.066	6.250	2190507	1776667	1.049m	1.695 #
20)	A Methoxychlor	7.649	6.757	362.3E6	214.1E6	240.513	266.904
21)	B Endrin ke...	7.794	6.985	5642062	3380873	1.908m	2.048m

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

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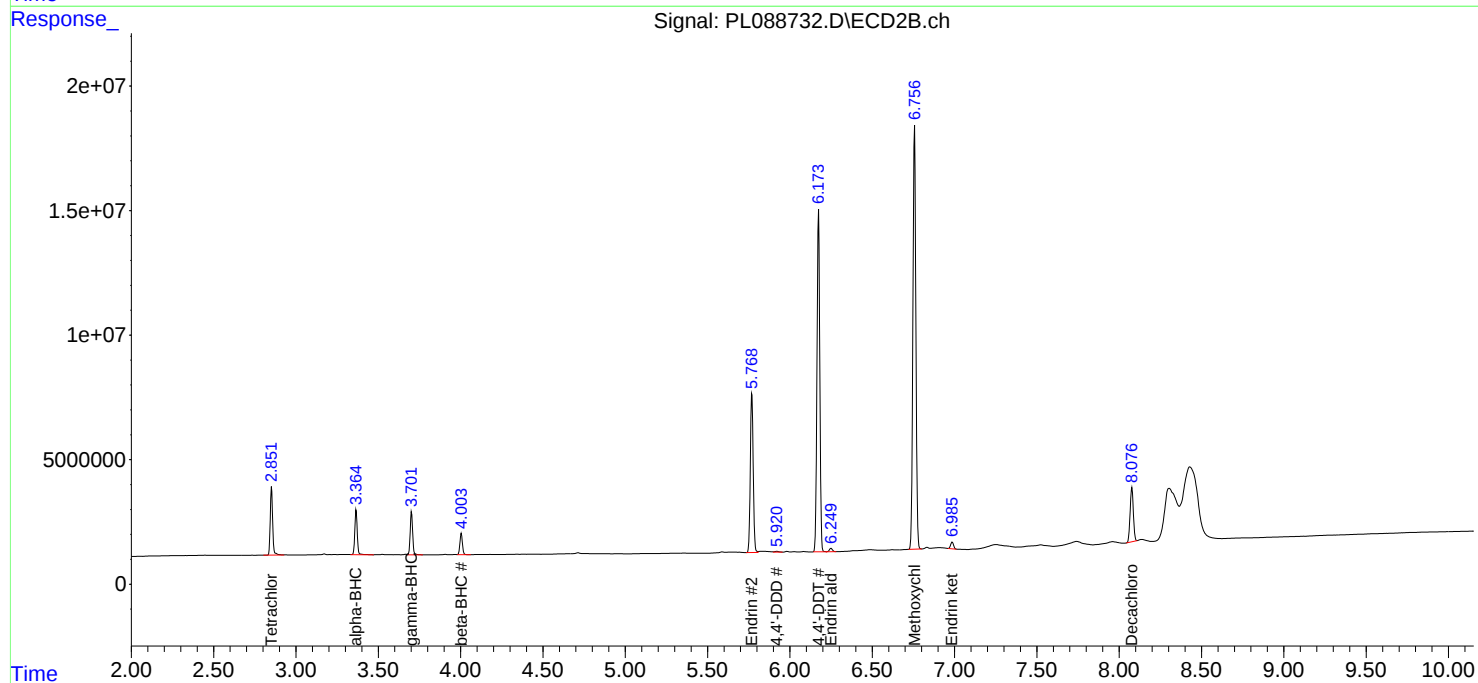
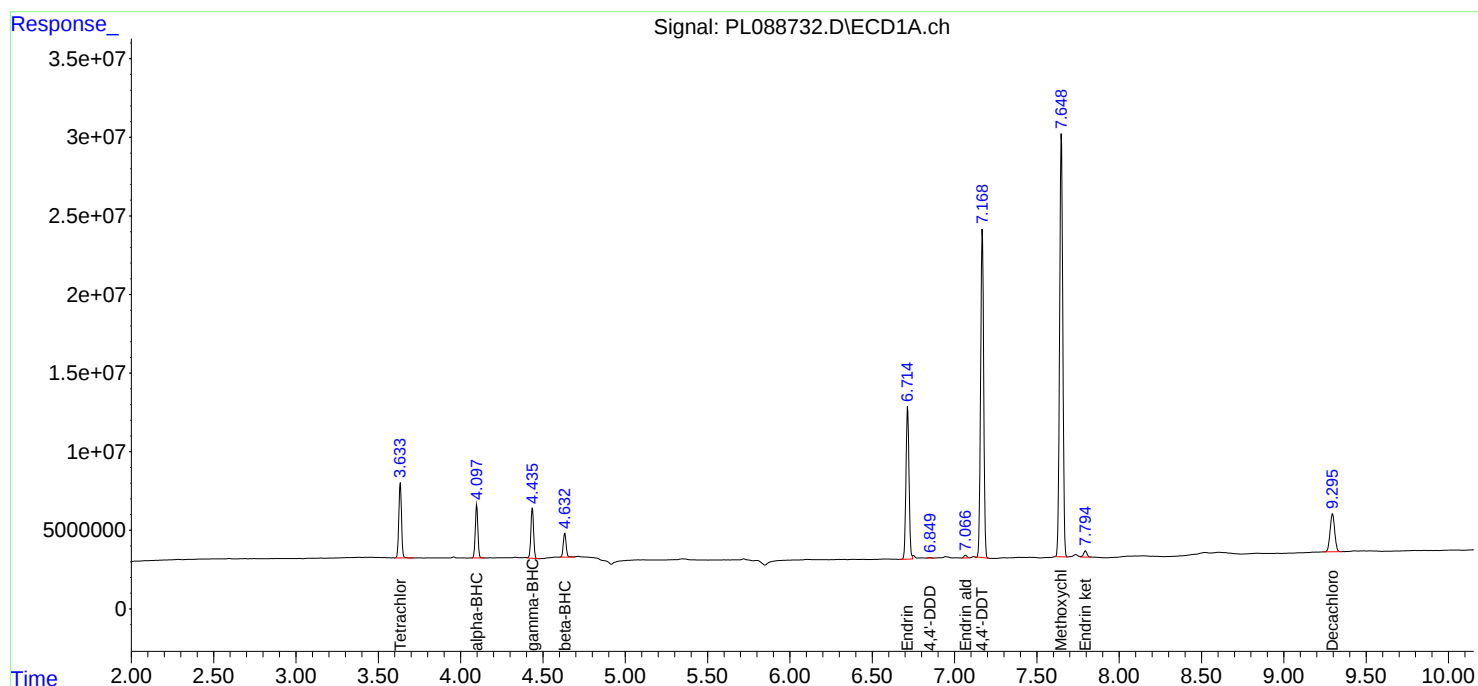
Instrument :
ECD_L
ClientSampleId :
PEM

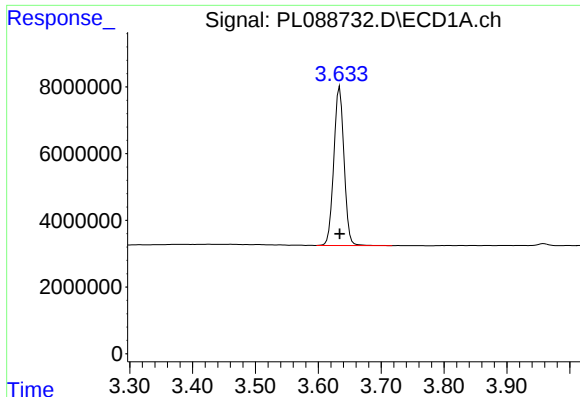
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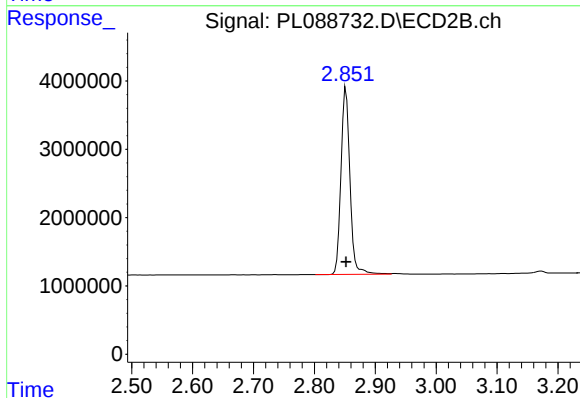
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 53835138
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

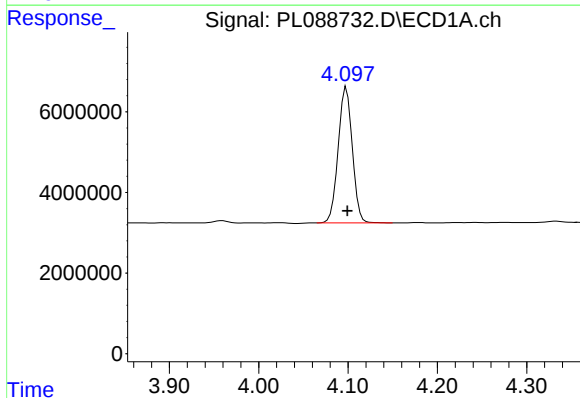
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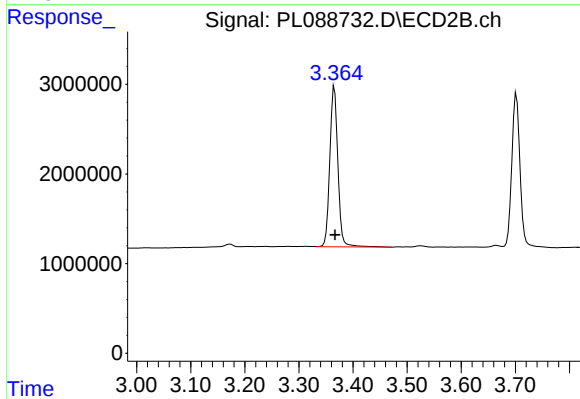
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 27955673
Conc: 20.98 ng/ml



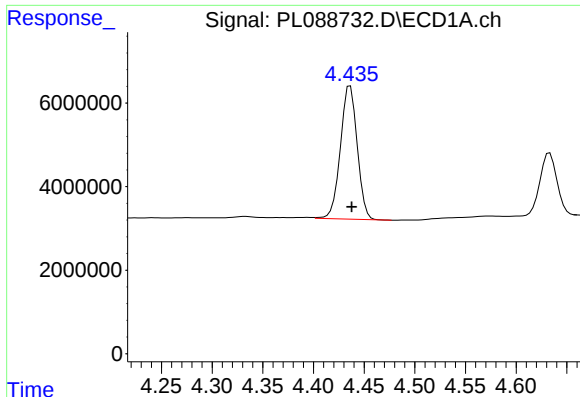
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 36993166
Conc: 9.27 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 18613986
Conc: 9.26 ng/ml



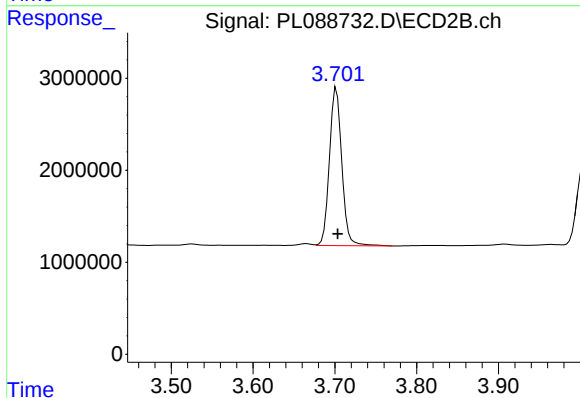
#3 gamma-BHC (Lindane)

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 36686024
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

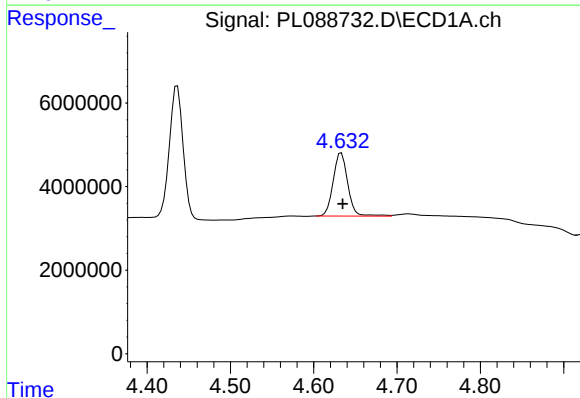
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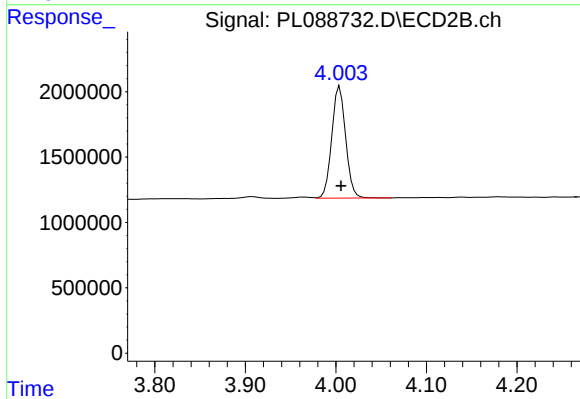
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 18070154
Conc: 9.42 ng/ml



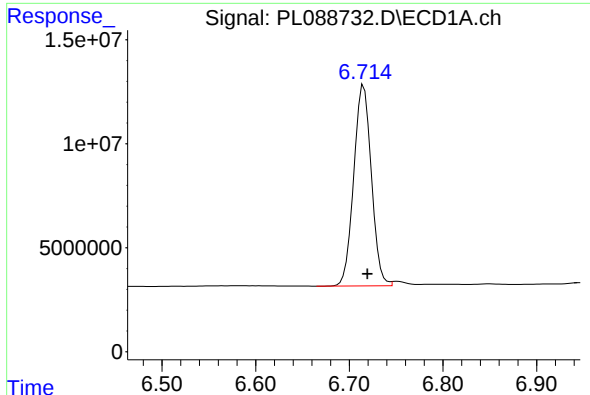
#6 beta-BHC

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 18444532
Conc: 10.40 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 9116925
Conc: 10.64 ng/ml



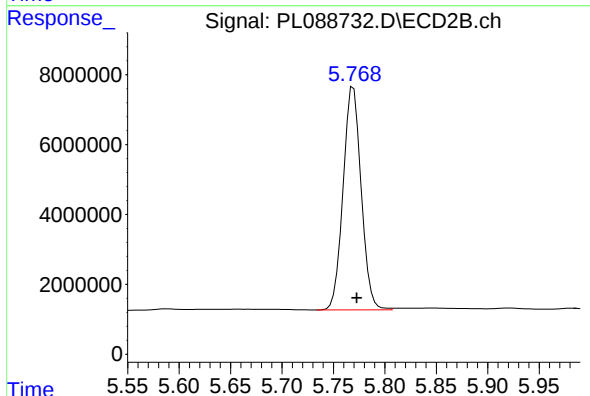
#14 Endrin

R.T.: 6.715 min
Delta R.T.: -0.004 min
Response: 126346438
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

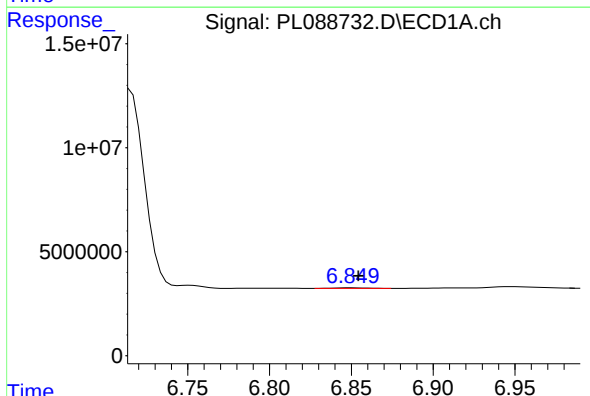
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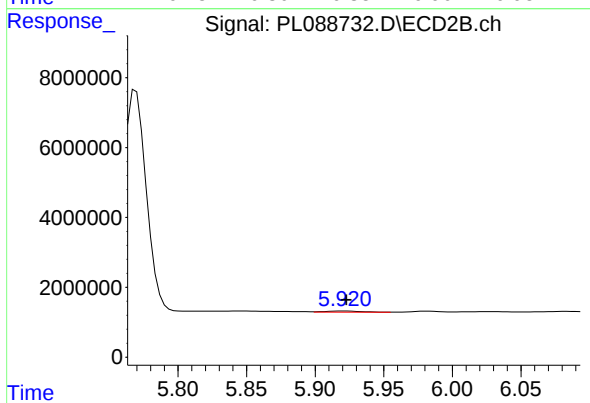
#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 77965977
Conc: 54.09 ng/ml



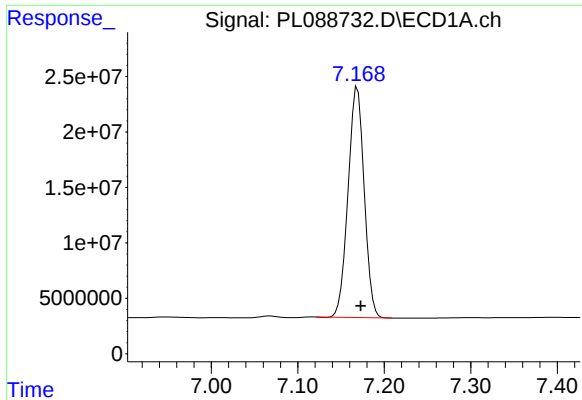
#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: -0.005 min
Response: 374270
Conc: 0.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 591501
Conc: 0.47 ng/ml m



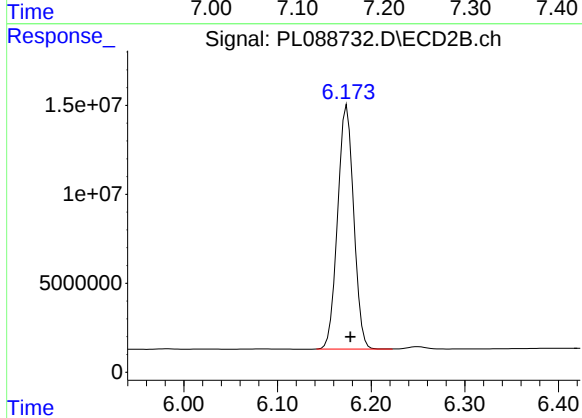
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 268618049
Conc: 100.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

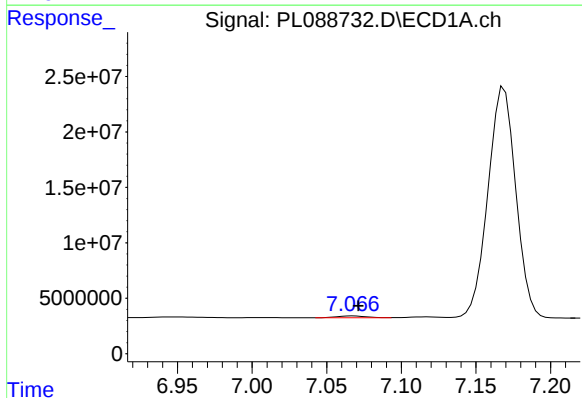
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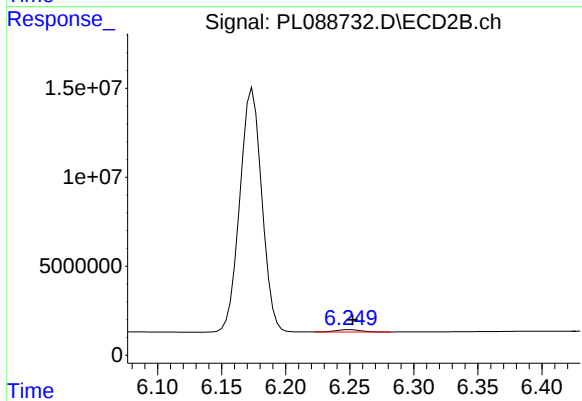
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.004 min
Response: 163636905
Conc: 121.92 ng/ml



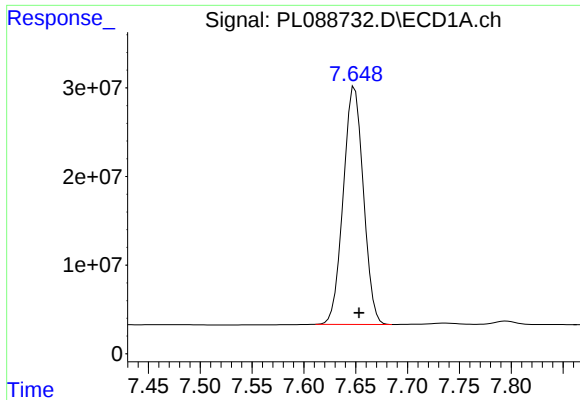
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 2190507
Conc: 1.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 1776667
Conc: 1.70 ng/ml



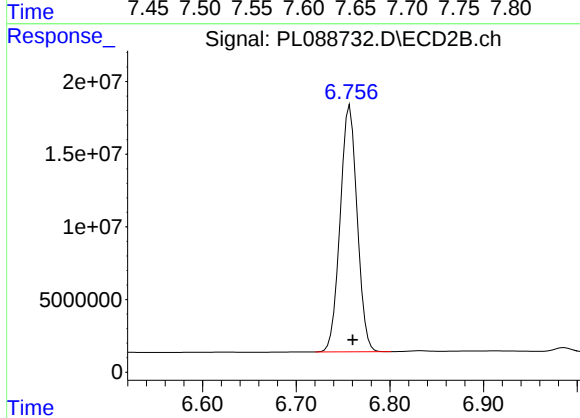
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 362335376
Conc: 240.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

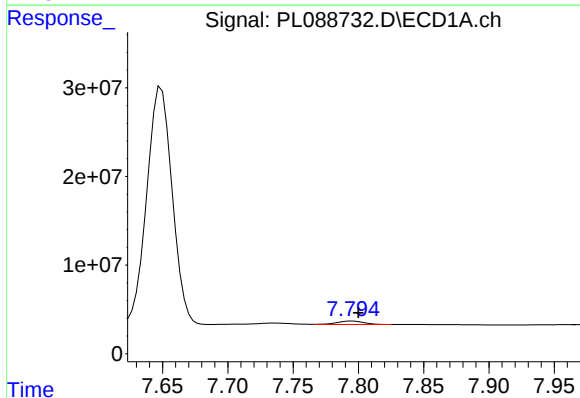
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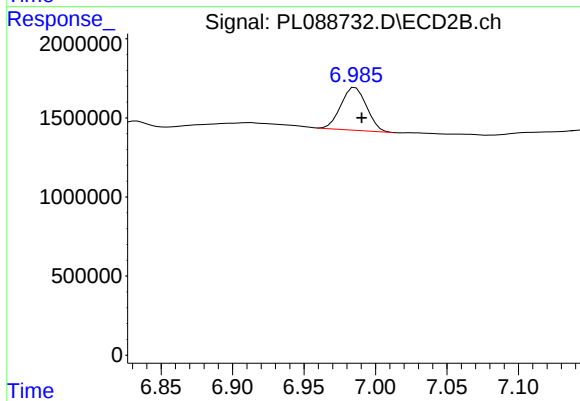
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 214076159
Conc: 266.90 ng/ml



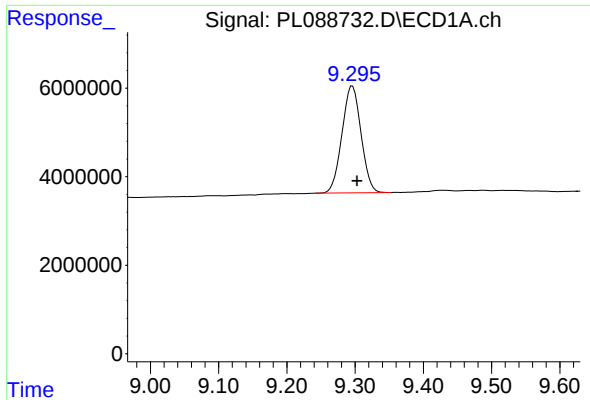
#21 Endrin ketone

R.T.: 7.794 min
Delta R.T.: -0.006 min
Response: 5642062
Conc: 1.91 ng/ml m



#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.006 min
Response: 3380873
Conc: 2.05 ng/ml m



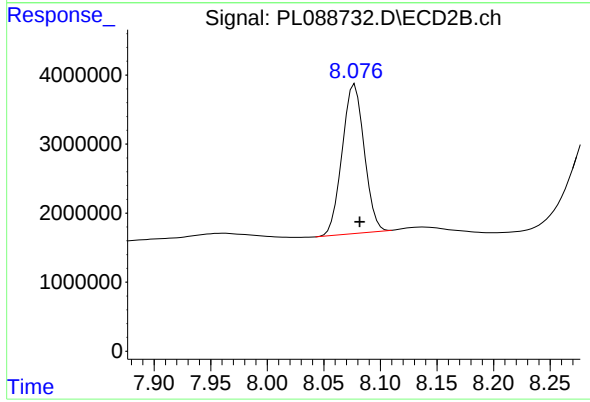
#28 Decachlorobiphenyl

R.T.: 9.296 min
Delta R.T.: -0.006 min
Response: 46794222
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.004 min
Response: 29328888
Conc: 21.63 ng/ml