

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032524\
 Data File : PL088761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2024 10:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/26/2024
 Supervised By : Ankita Jodhani 03/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 10:42:03 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	56544616	28079215	21.338	21.069
28)	SA Decachlor...	9.296	8.077	50259134	29746537	20.332	21.938
Target Compounds							
2)	A alpha-BHC	4.098	3.366	38840069	18708538	9.730	9.310
3)	MA gamma-BHC...	4.436	3.703	38276620	18203339	9.870	9.485
6)	B beta-BHC	4.634	4.004	19867057	9299003	11.203	10.848
14)	MA Endrin	6.715	5.770	129.6E6	76355861	47.390	52.972
16)	A 4,4'-DDD	6.850	5.920	2699200	1570008	1.060	1.261
17)	MA 4,4'-DDT	7.168	6.175	268.0E6	157.0E6	100.547	116.983
18)	B Endrin al...	7.066	6.250	2865610	1974036	1.373m	1.884 #
20)	A Methoxychlor	7.649	6.757	358.9E6	199.8E6	238.231	249.058
21)	B Endrin ke...	7.795	6.986	6319677	4069608	2.138	2.465

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

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Acq On : 25 Mar 2024 10:00
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

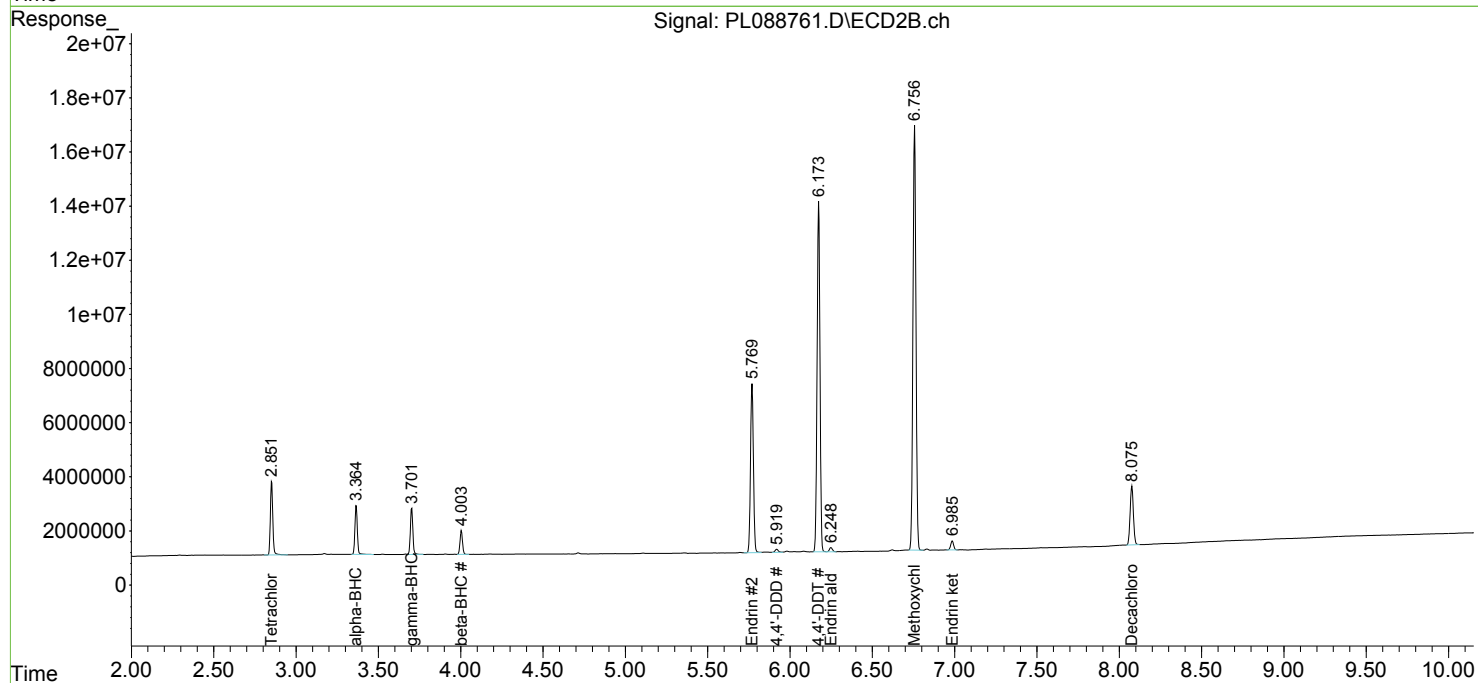
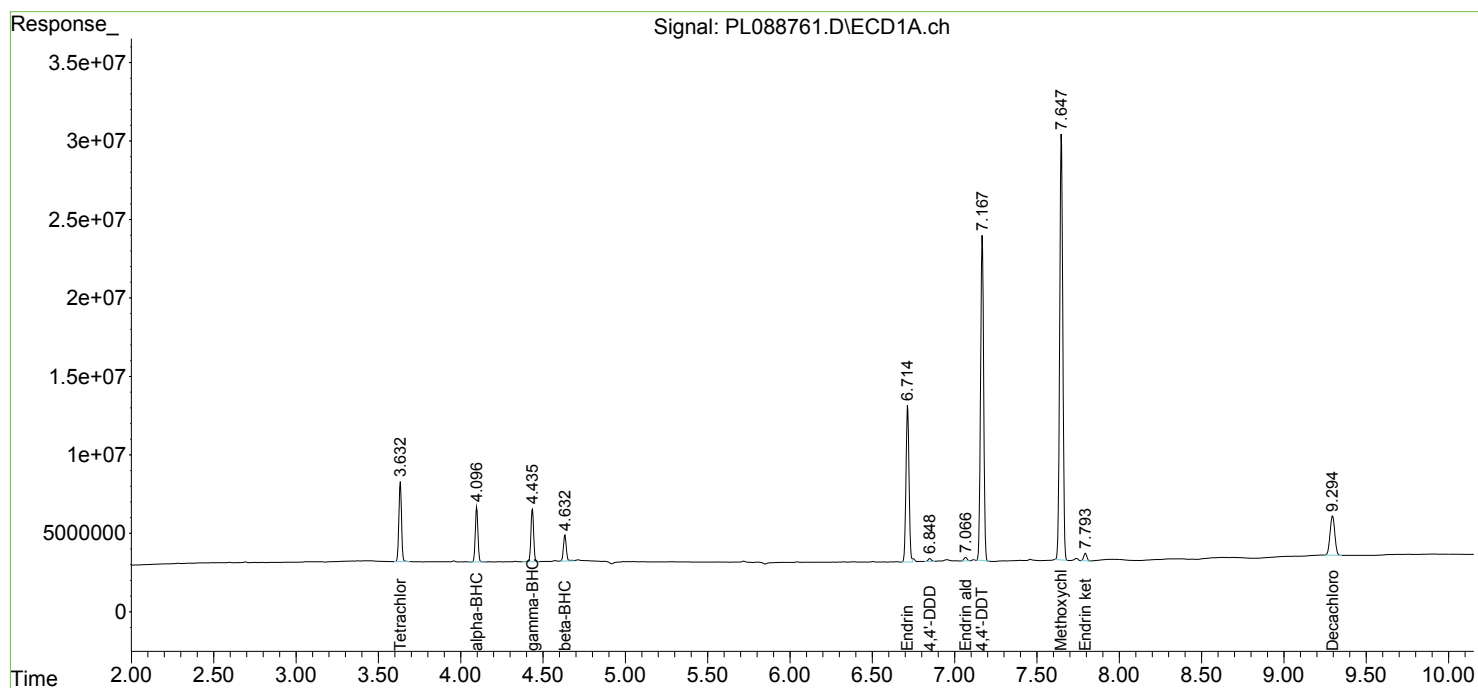
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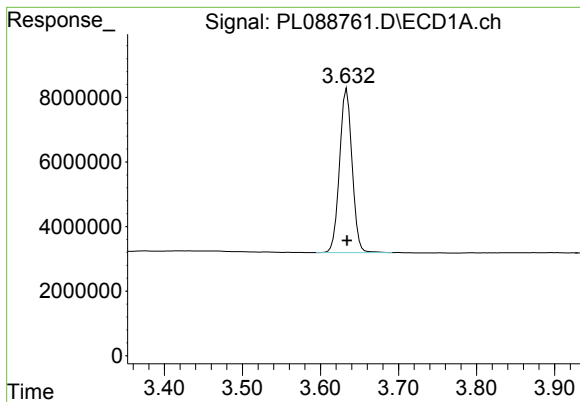
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Integration File signal 1: autoint1.e
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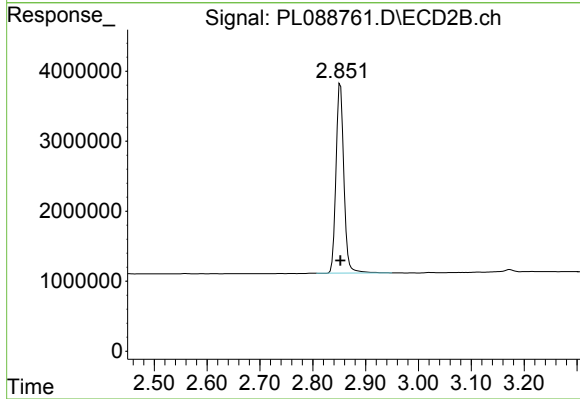
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 56544616
Conc: 21.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

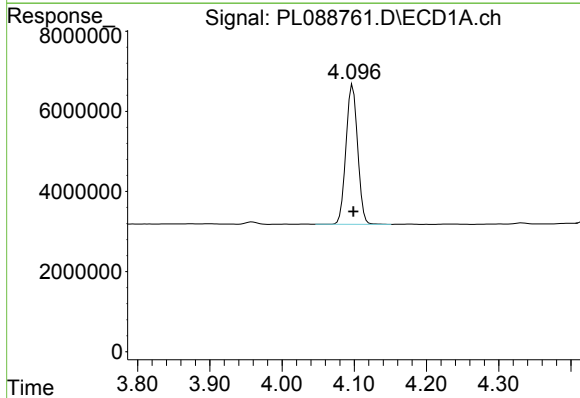
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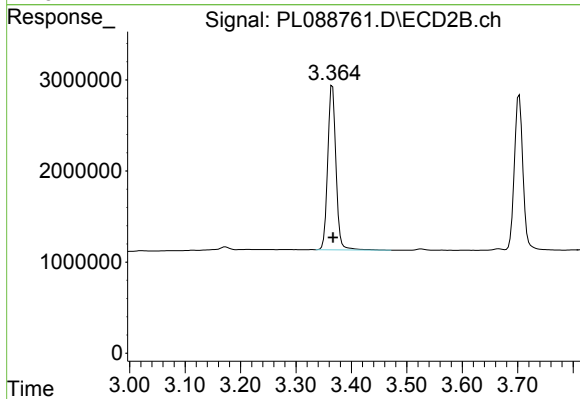
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 28079215
Conc: 21.07 ng/ml



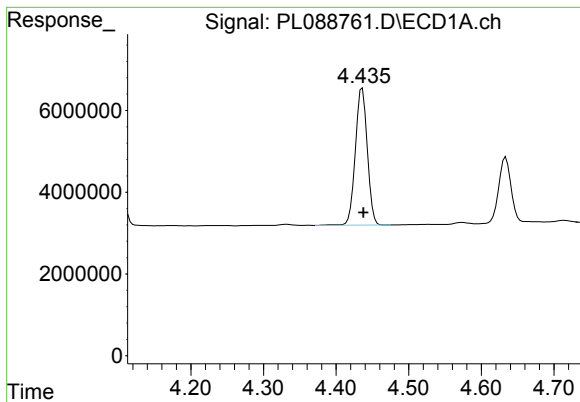
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.001 min
Response: 38840069
Conc: 9.73 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 18708538
Conc: 9.31 ng/ml



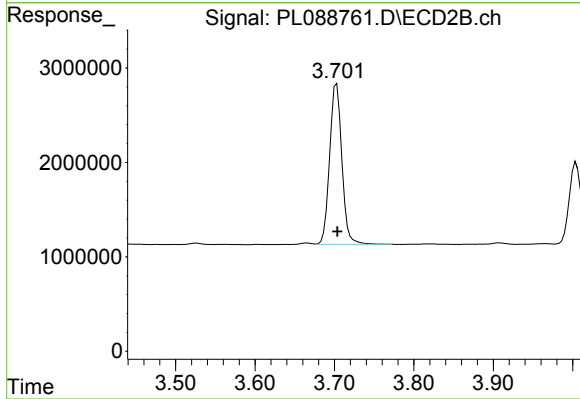
#3 gamma-BHC (Lindane)

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 38276620
Conc: 9.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

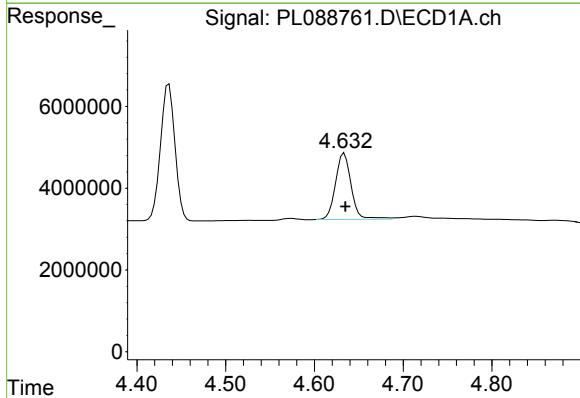
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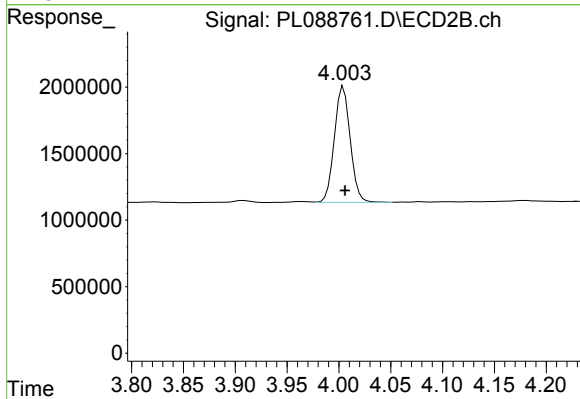
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 18203339
Conc: 9.49 ng/ml



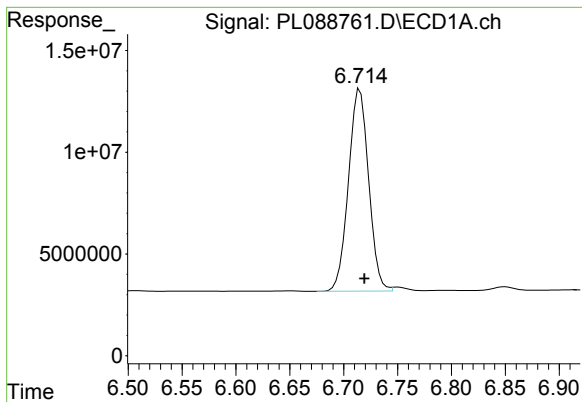
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 19867057
Conc: 11.20 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 9299003
Conc: 10.85 ng/ml



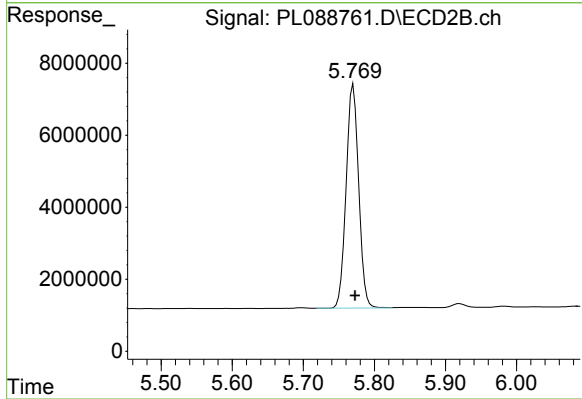
#14 Endrin

R.T.: 6.715 min
Delta R.T.: -0.004 min
Response: 129550576
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

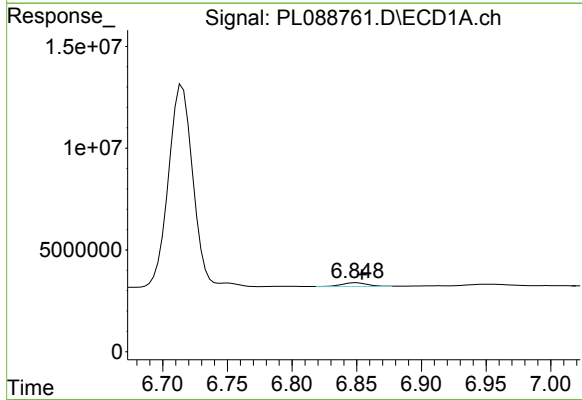
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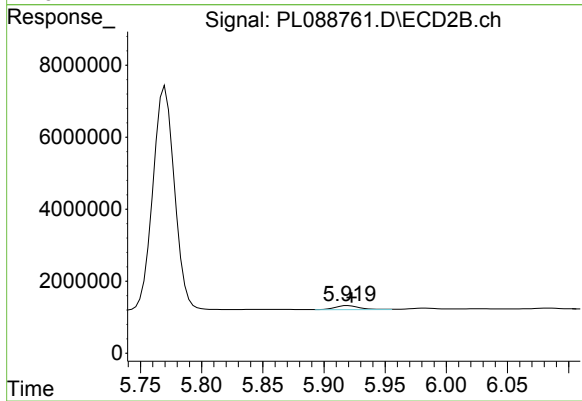
#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 76355861
Conc: 52.97 ng/ml



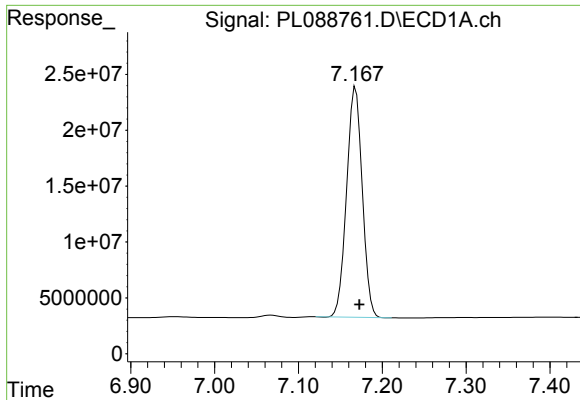
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 2699200
Conc: 1.06 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 1570008
Conc: 1.26 ng/ml



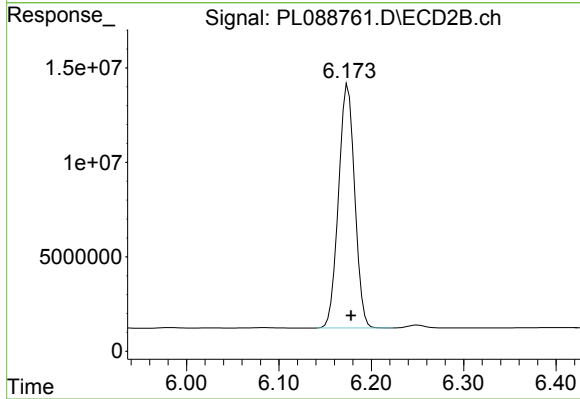
#17 4,4'-DDT

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 268006484
Conc: 100.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

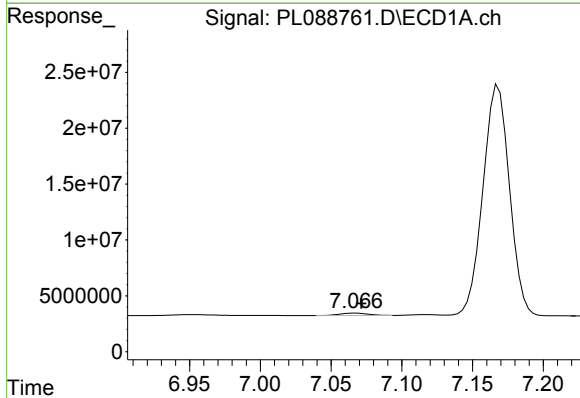
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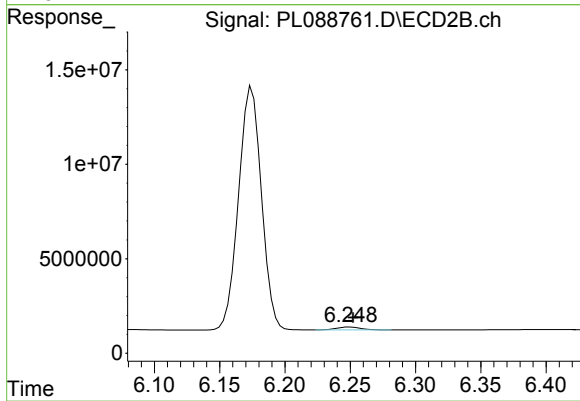
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 157014399
Conc: 116.98 ng/ml



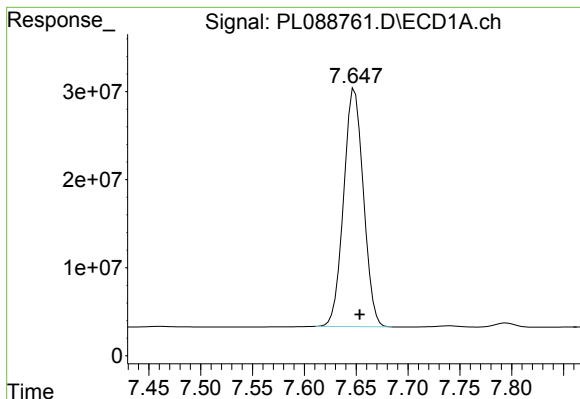
#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: -0.005 min
Response: 2865610
Conc: 1.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 1974036
Conc: 1.88 ng/ml



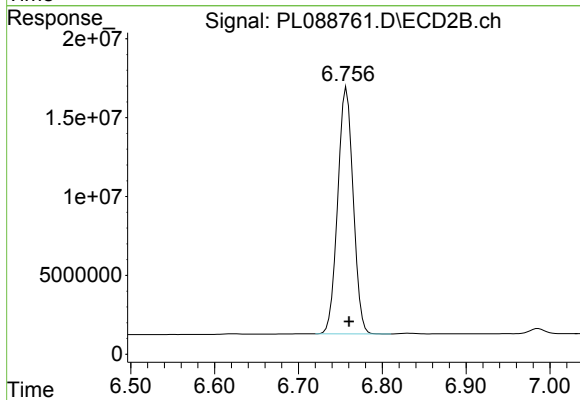
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.005 min
Response: 358898125
Conc: 238.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

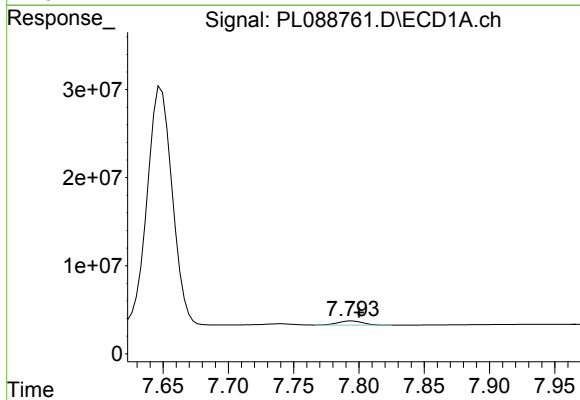
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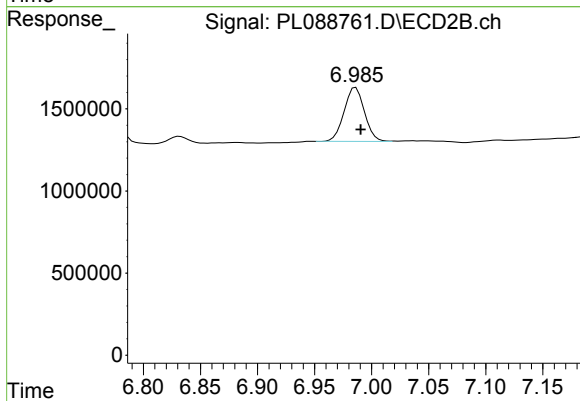
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 199761701
Conc: 249.06 ng/ml



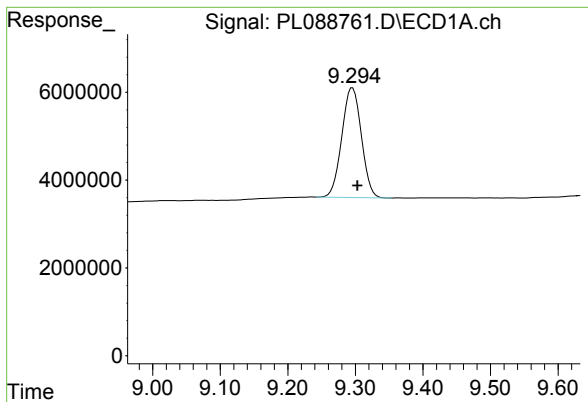
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: -0.005 min
Response: 6319677
Conc: 2.14 ng/ml



#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 4069608
Conc: 2.47 ng/ml



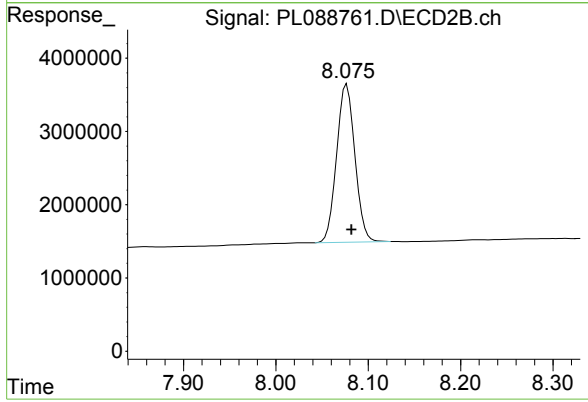
#28 Decachlorobiphenyl

R.T.: 9.296 min
Delta R.T.: -0.007 min
Response: 50259134
Conc: 20.33 ng/ml

Instrument :
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ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.005 min
Response: 29746537
Conc: 21.94 ng/ml