

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 11:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/14/2024
 Supervised By :Ankita Jodhani 03/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 16:02:24 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	53269722	26841520	20.102	20.140
28)	SA Decachlor...	9.300	8.081	53623432	28631228	21.693	21.116
Target Compounds							
2)	A alpha-BHC	4.099	3.366	36693594	18061111	9.192	8.988
3)	MA gamma-BHC...	4.437	3.703	36043016	17259839	9.294	8.994
6)	B beta-BHC	4.634	4.005	18587688	9114539	10.481	10.632
14)	MA Endrin	6.719	5.773	128.4E6	69082460	46.982	47.926
16)	A 4,4'-DDD	6.853	5.923	715286	701614	0.281m	0.563m#
17)	MA 4,4'-DDT	7.173	6.178	274.5E6	143.4E6	102.993	106.856
18)	B Endrin al...	7.071	6.253	2272613	1902160	1.089	1.815 #
20)	A Methoxychlor	7.654	6.761	370.5E6	190.8E6	245.928	237.824
21)	B Endrin ke...	7.799	6.990	5555680	3776639	1.879	2.288

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

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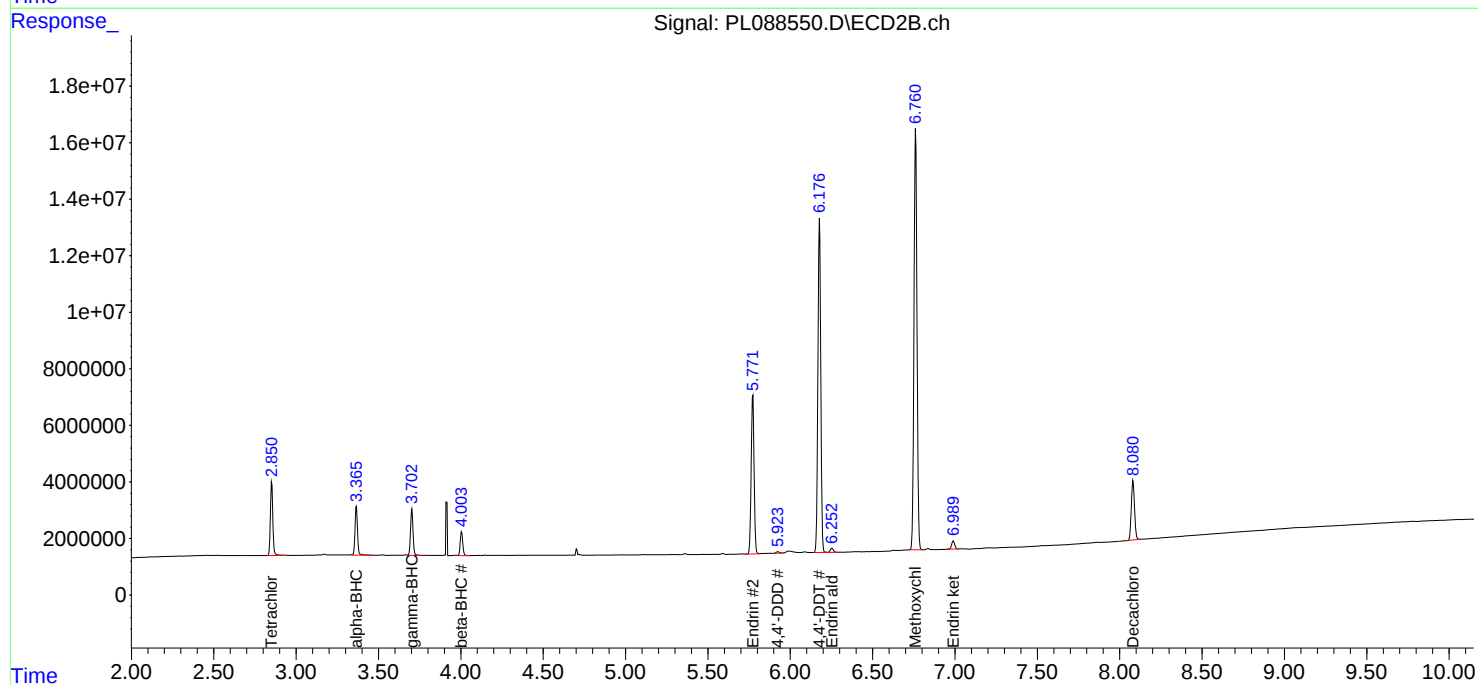
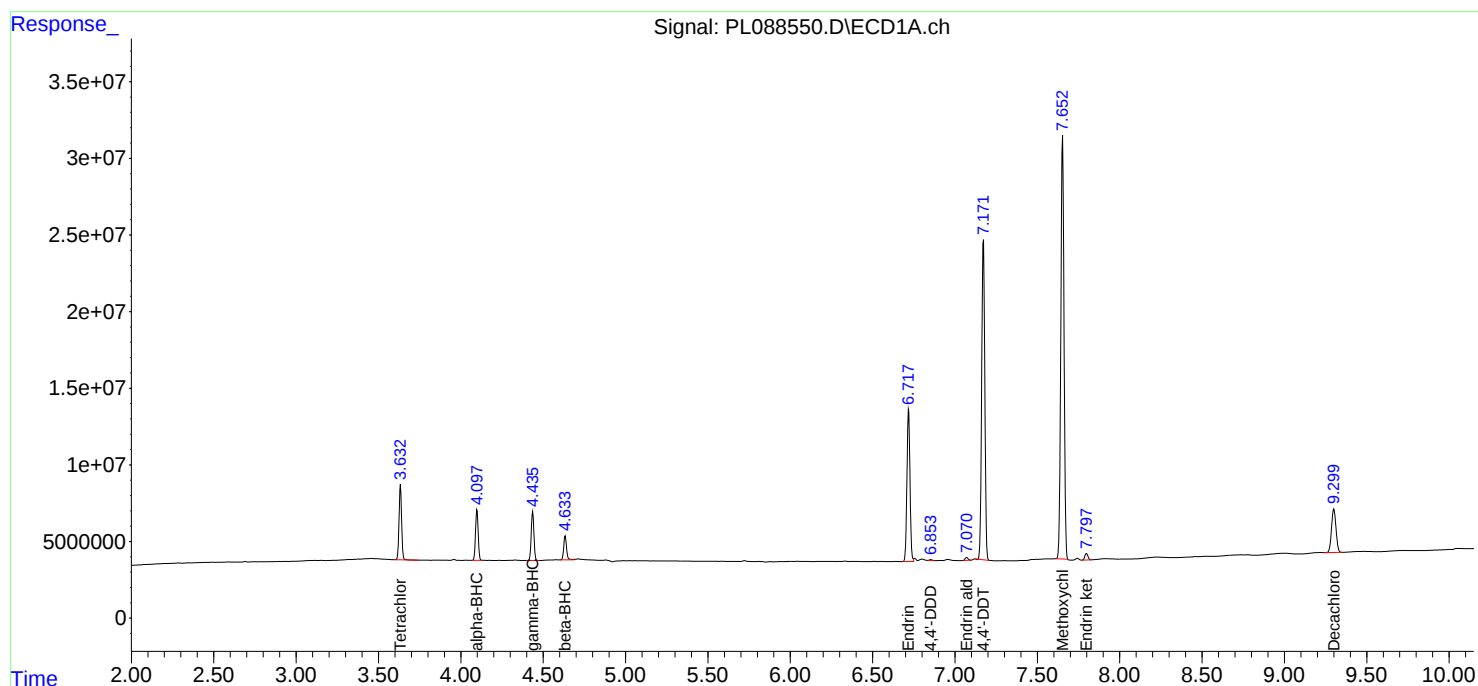
Instrument :
ECD_L
ClientSampleId :
PEM

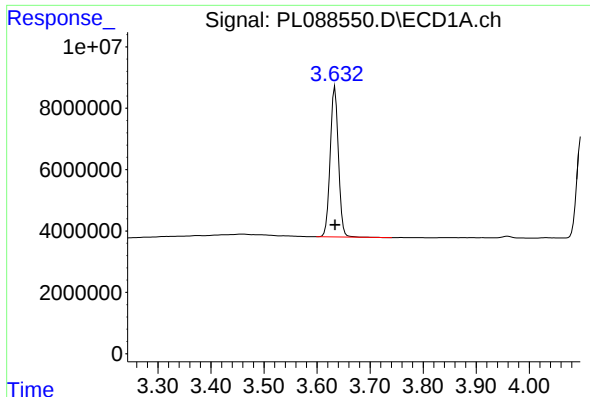
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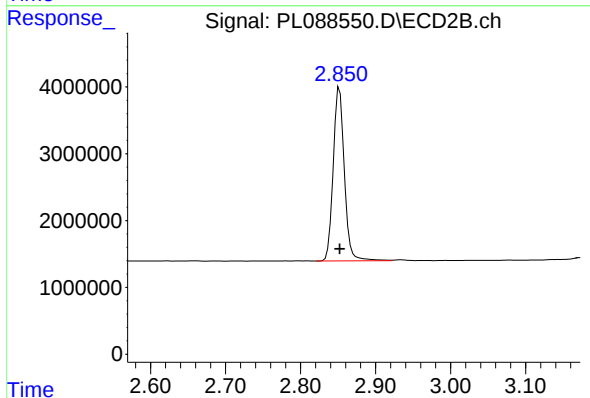
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 53269722
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

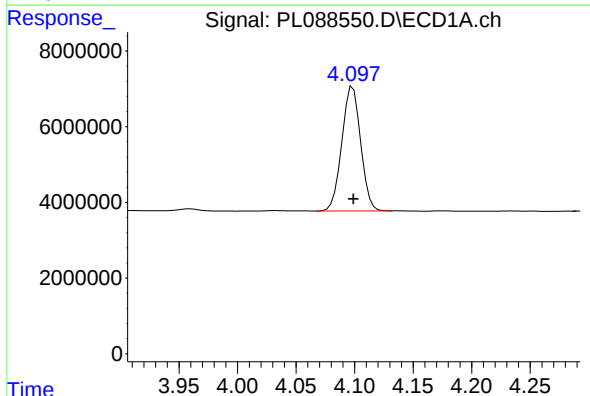
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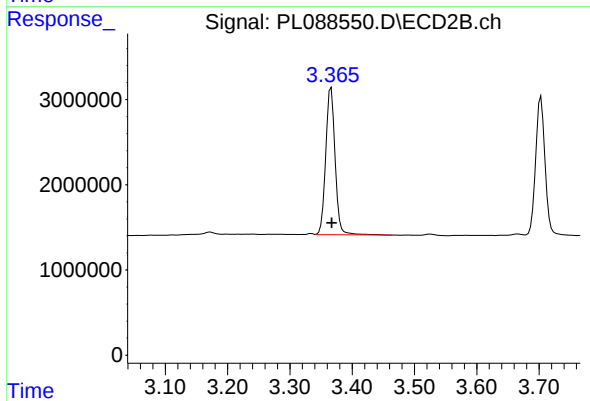
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26841520
Conc: 20.14 ng/ml



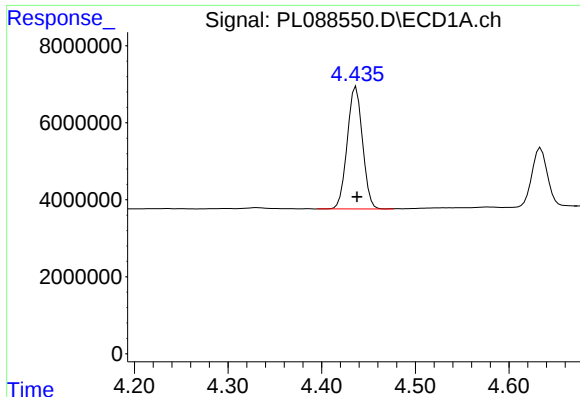
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 36693594
Conc: 9.19 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 18061111
Conc: 8.99 ng/ml



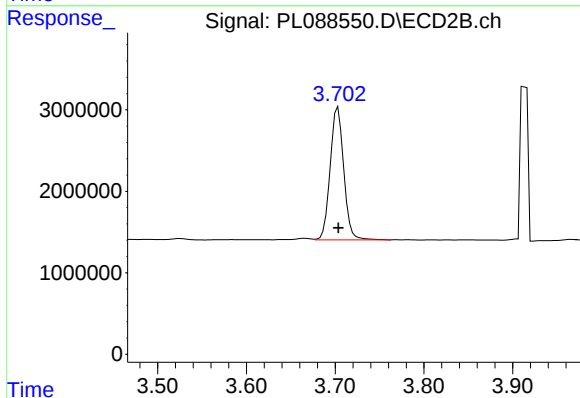
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 36043016
Conc: 9.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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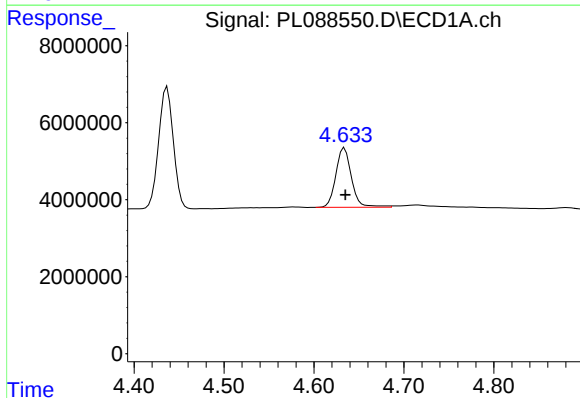


#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17259839
Conc: 8.99 ng/ml

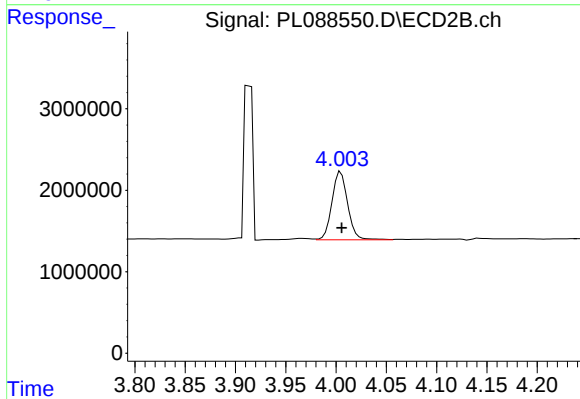
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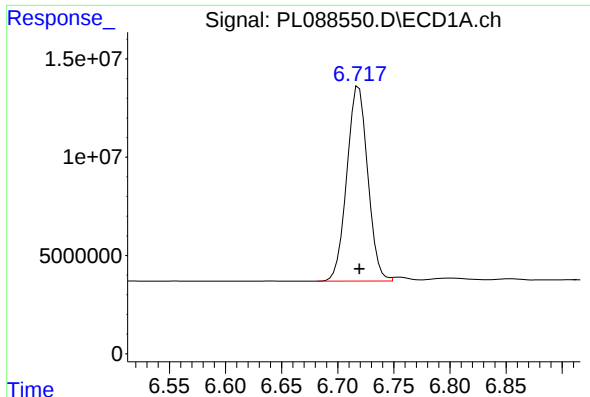
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 18587688
Conc: 10.48 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 9114539
Conc: 10.63 ng/ml



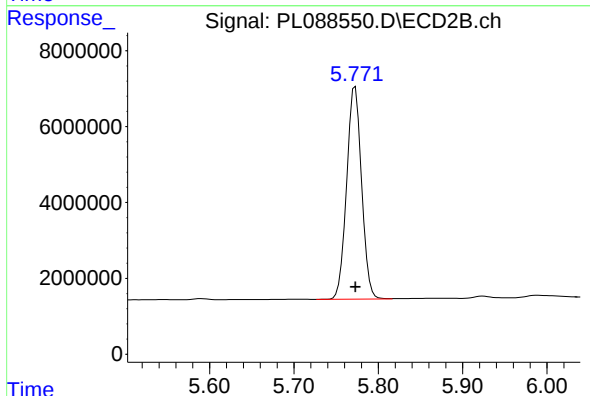
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 128434388
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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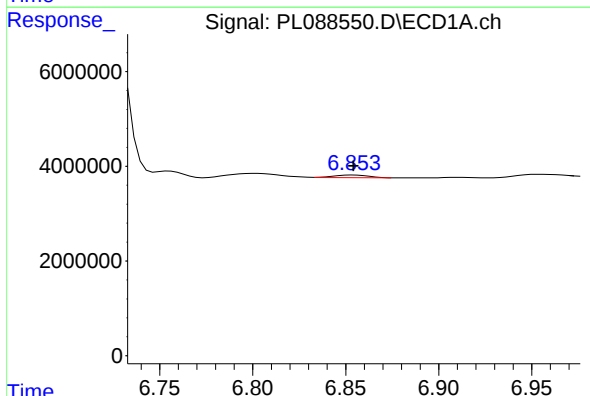


#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 69082460
Conc: 47.93 ng/ml

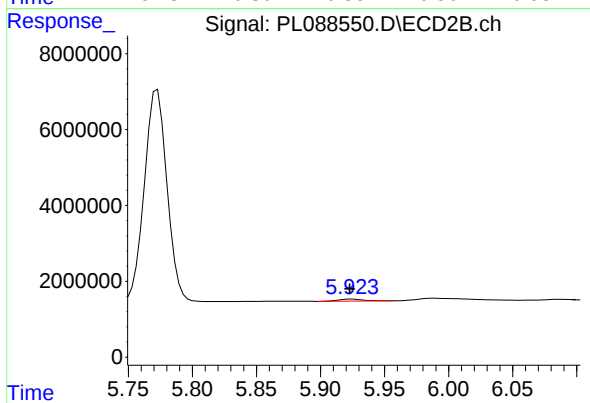
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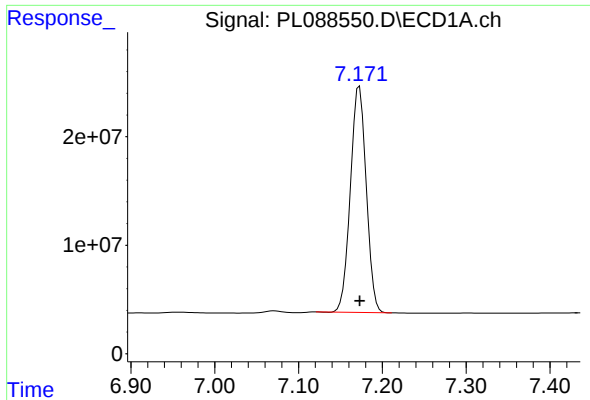
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 715286
Conc: 0.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 701614
Conc: 0.56 ng/ml m



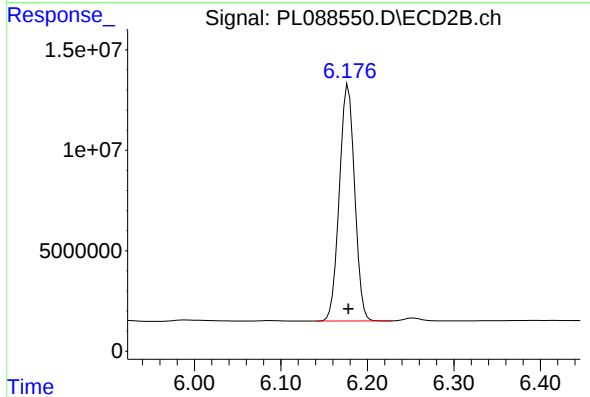
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 274526658
Conc: 102.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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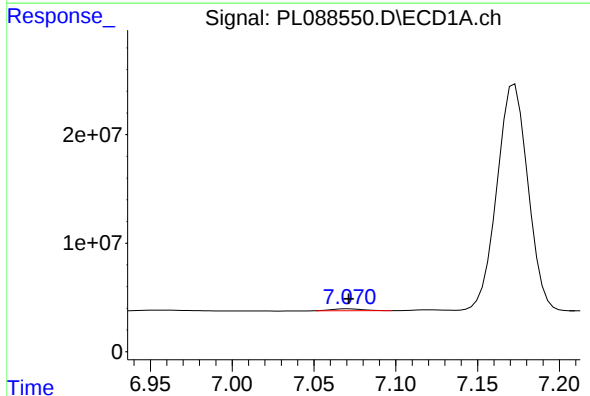


#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 143422280
Conc: 106.86 ng/ml

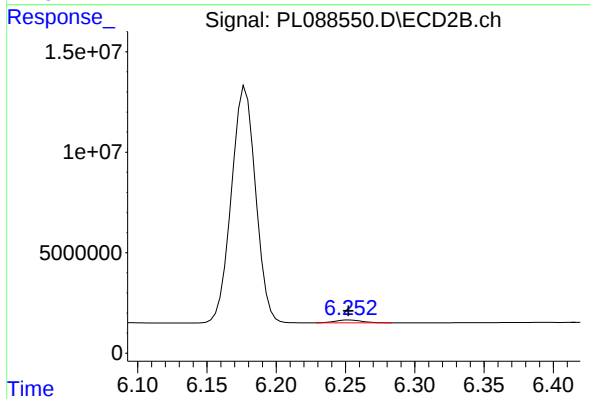
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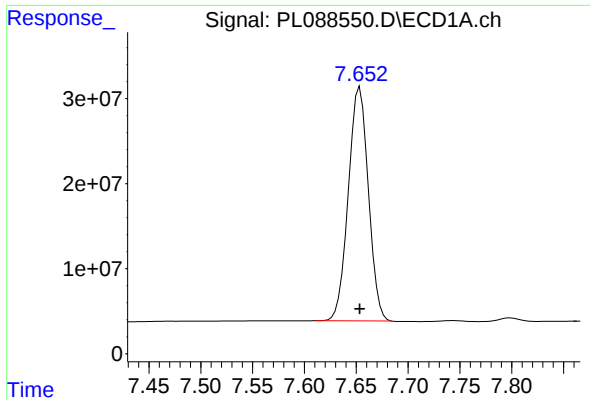
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2272613
Conc: 1.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.001 min
Response: 1902160
Conc: 1.82 ng/ml



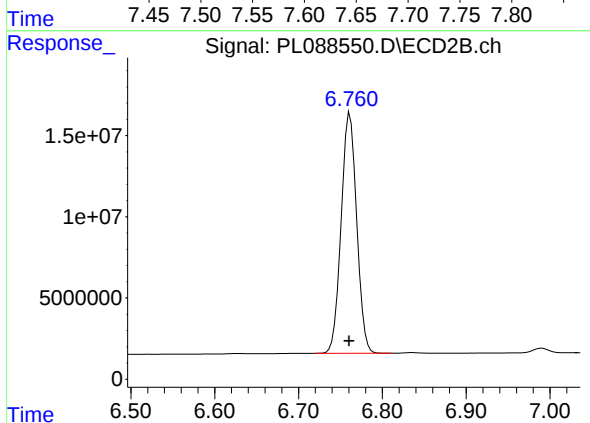
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 370493106
Conc: 245.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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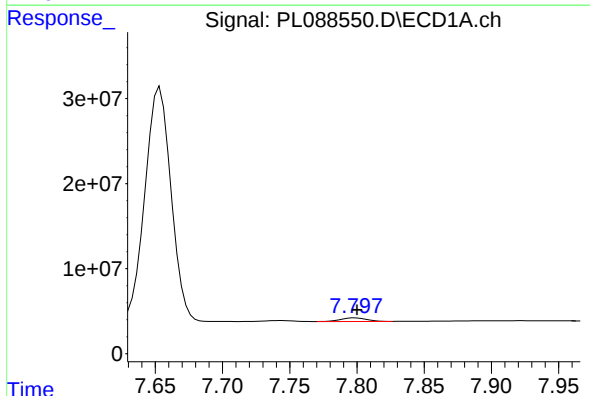


#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.001 min
Response: 190751383
Conc: 237.82 ng/ml

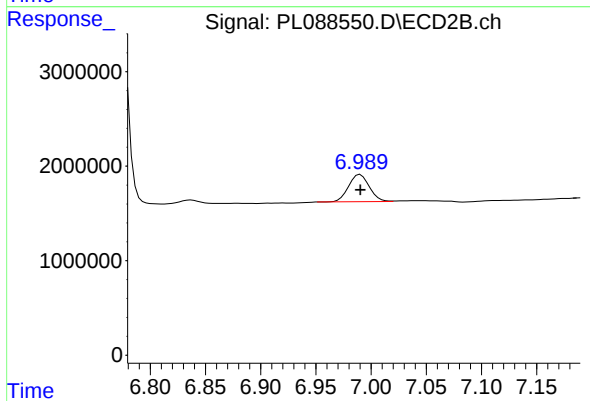
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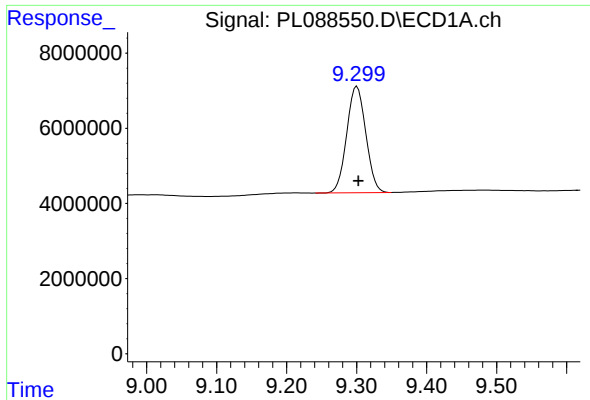
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 5555680
Conc: 1.88 ng/ml



#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3776639
Conc: 2.29 ng/ml



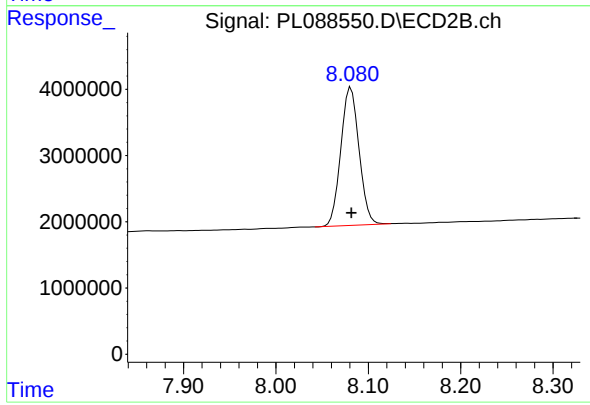
#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 53623432
Conc: 21.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 28631228
Conc: 21.12 ng/ml

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