

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041224\
 Data File : PL089002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2024 14:35
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2024
 Supervised By : Ankita Jodhani 04/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 15:14:08 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...	3.635	2.851	58235851	30701652	21.976	23.036
28)	SA Decachlor...	9.301	8.078	57004583	35917581	23.061	26.489
Target Compounds							
2)	A alpha-BHC	4.099	3.364	40544644	20611828	10.157	10.257m
3)	MA gamma-BHC...	4.438	3.702	39829255	20166077	10.270	10.508
6)	B beta-BHC	4.635	4.003	19335030	10143909	10.903	11.833m
14)	MA Endrin	6.717	5.770	137.0E6	85696362	50.132m	59.452
16)	A 4,4'-DDD	6.852	5.921	1280164	810806	0.503m	0.651 #
17)	MA 4,4'-DDT	7.171	6.175	296.4E6	178.8E6	111.204	133.246
18)	B Endrin al...	7.071	6.250	2510914	2141255	1.203	2.043 #
20)	A Methoxychlor	7.652	6.758	396.4E6	231.4E6	263.124	288.516
21)	B Endrin ke...	7.798	6.986	6575295	5429820	2.224	3.289m#

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

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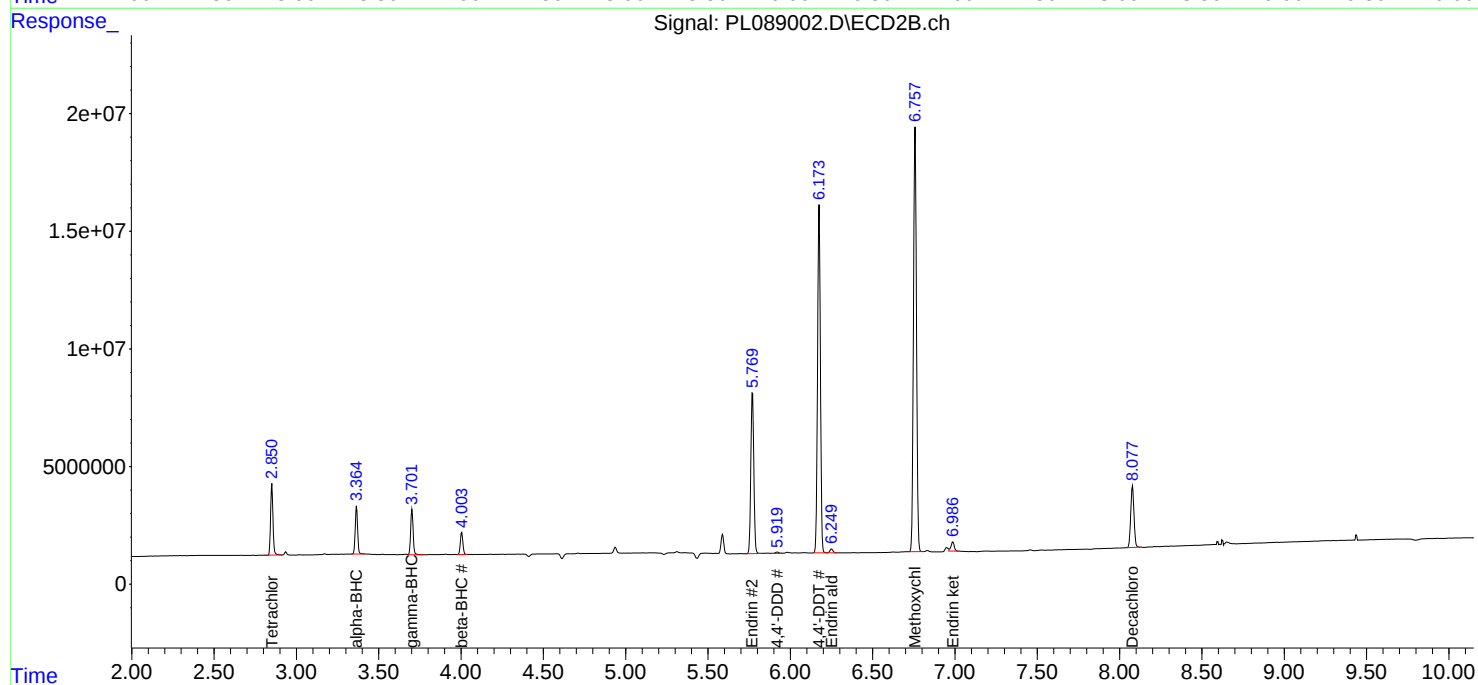
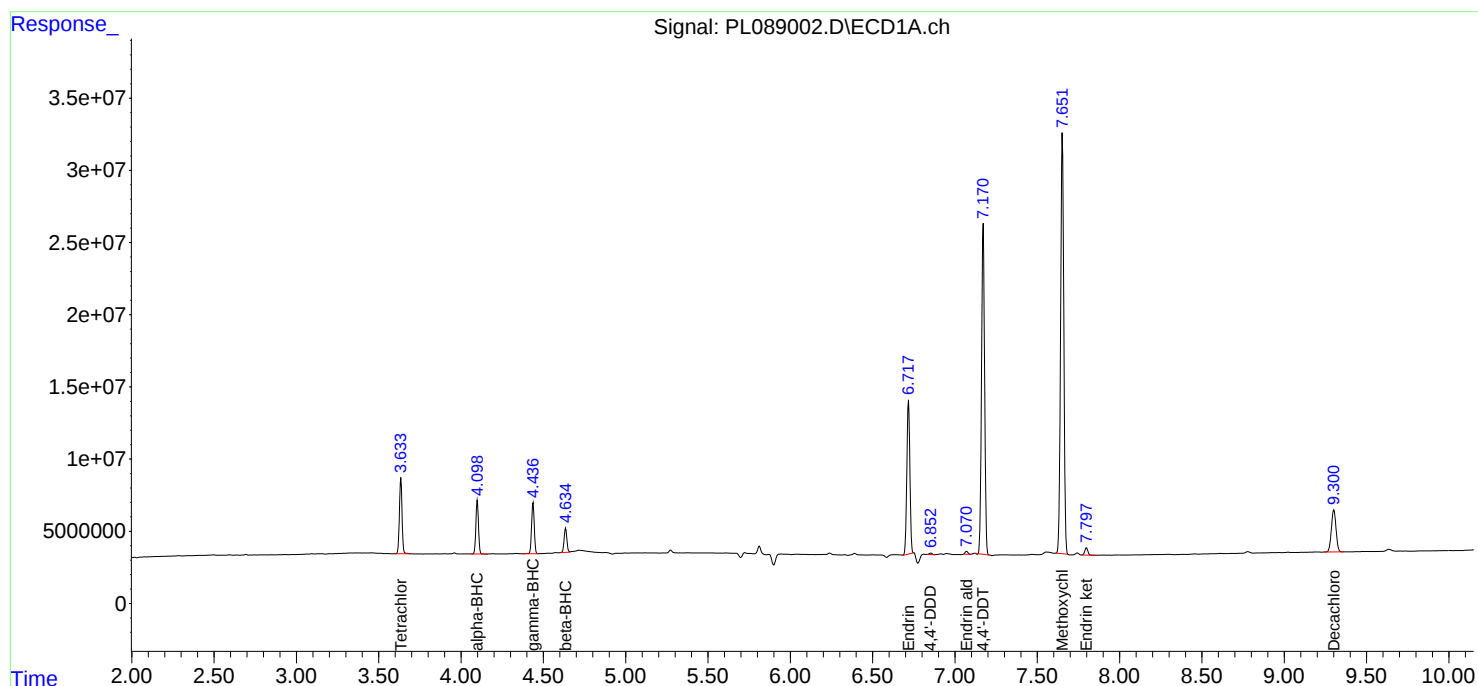
Instrument :
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ClientSampleId :
PEM

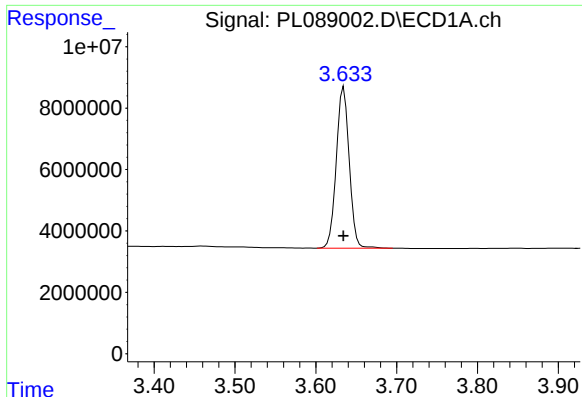
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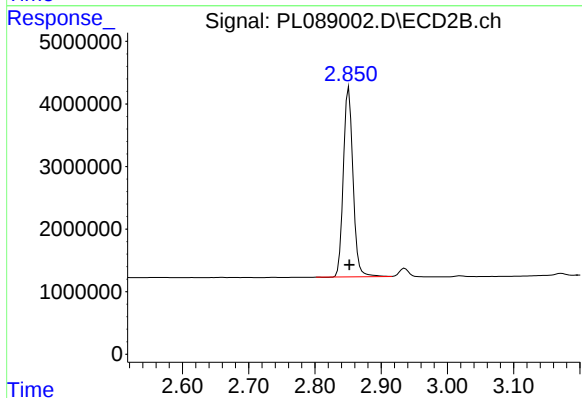
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 58235851
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

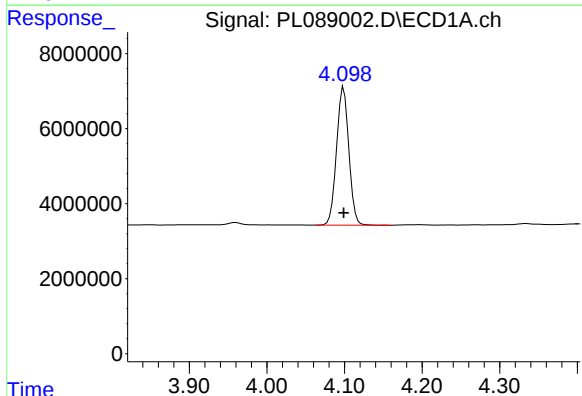
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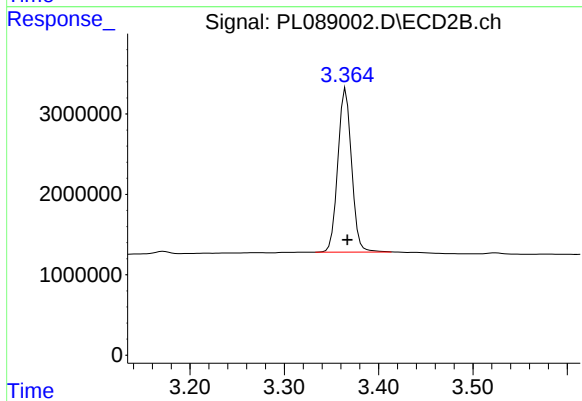
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.001 min
Response: 30701652
Conc: 23.04 ng/ml



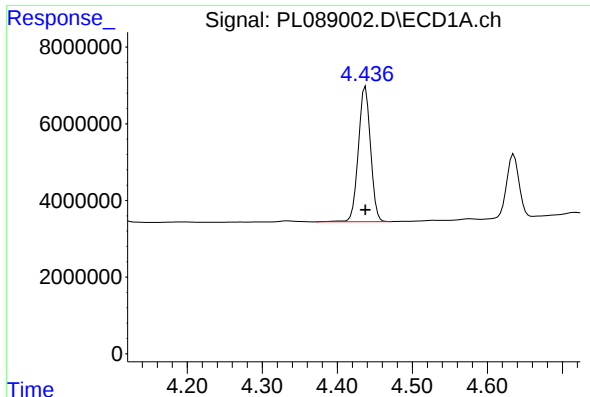
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 40544644
Conc: 10.16 ng/ml



#2 alpha-BHC

R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 20611828
Conc: 10.26 ng/ml m



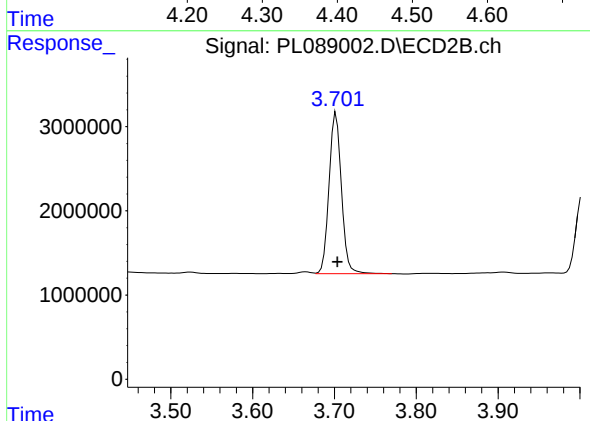
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 39829255
Conc: 10.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

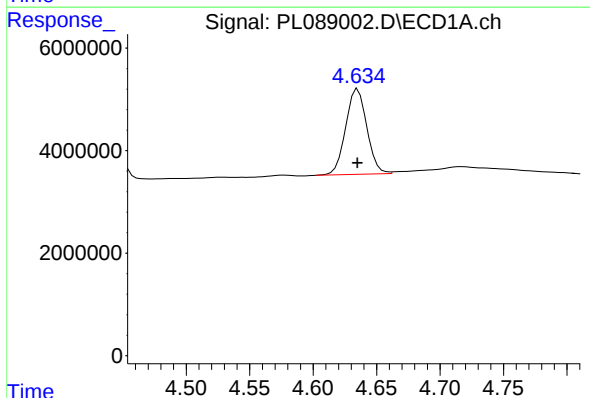
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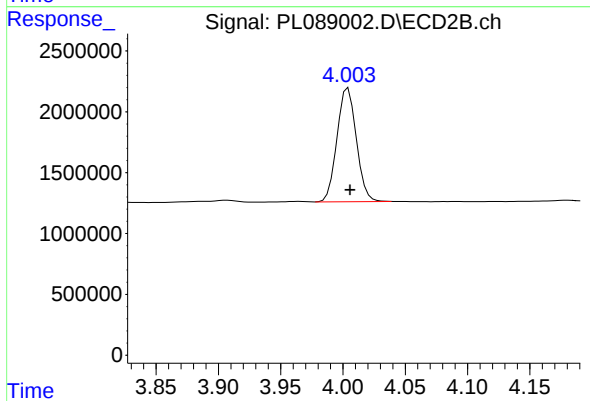
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 20166077
Conc: 10.51 ng/ml



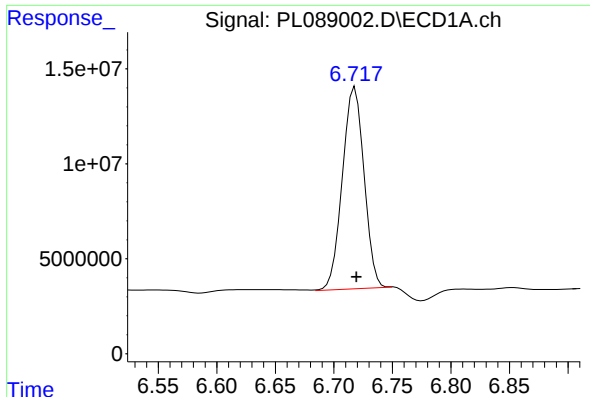
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19335030
Conc: 10.90 ng/ml



#6 beta-BHC

R.T.: 4.003 min
Delta R.T.: -0.003 min
Response: 10143909
Conc: 11.83 ng/ml m



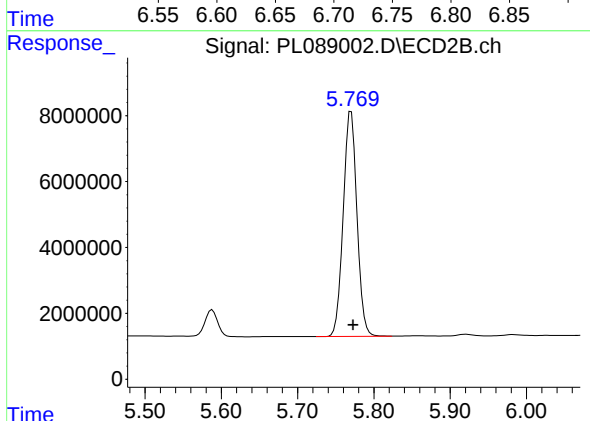
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.003 min
Response: 137045468
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

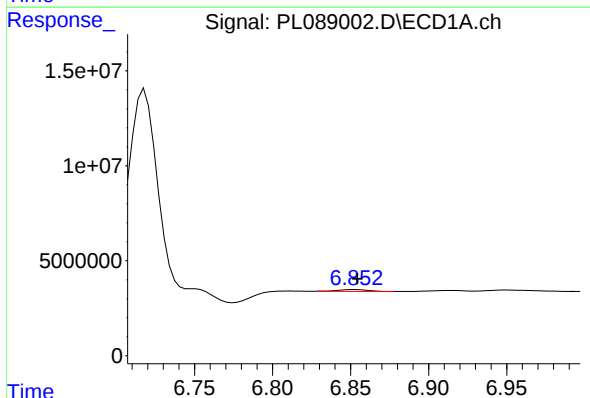
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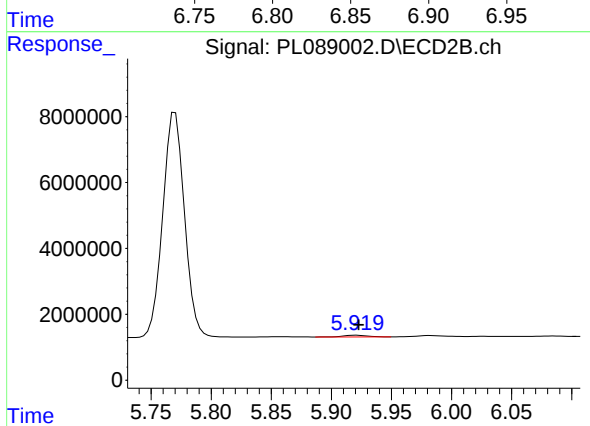
#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 85696362
Conc: 59.45 ng/ml



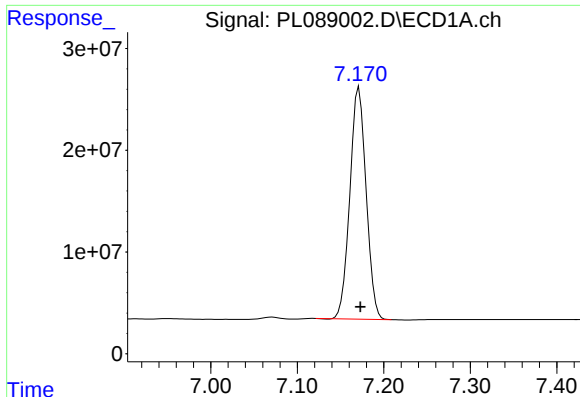
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 1280164
Conc: 0.50 ng/ml m



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 810806
Conc: 0.65 ng/ml



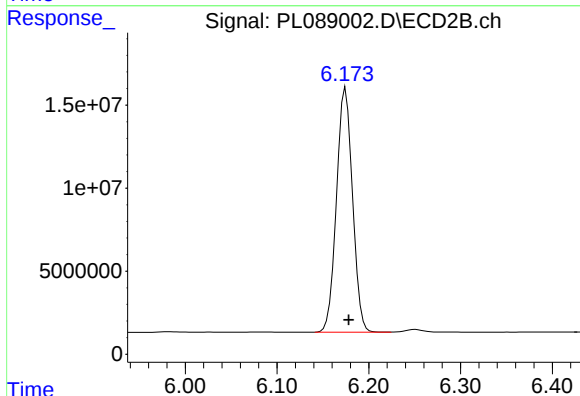
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 296411965
Conc: 111.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

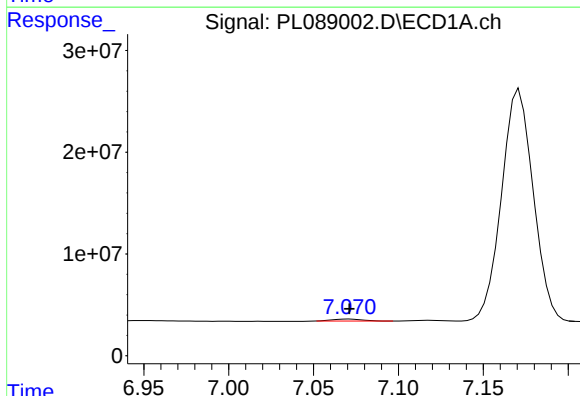
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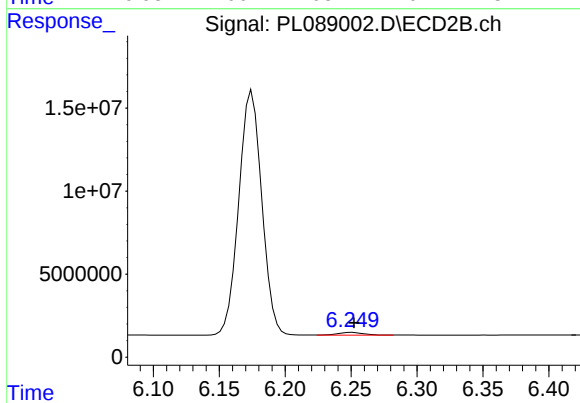
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 178842096
Conc: 133.25 ng/ml



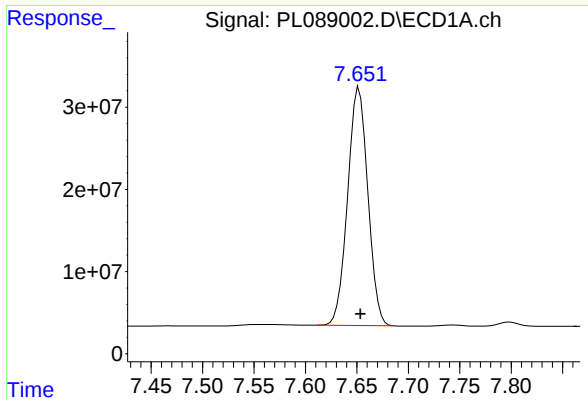
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2510914
Conc: 1.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 2141255
Conc: 2.04 ng/ml



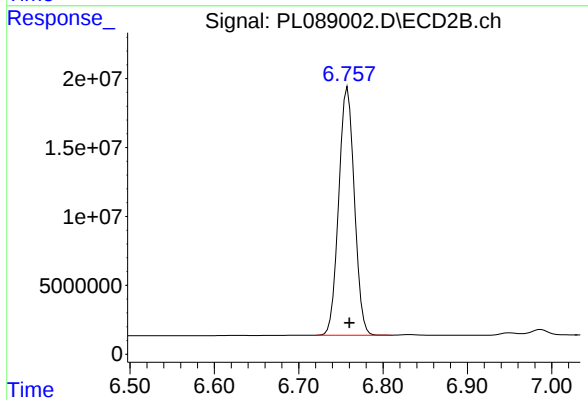
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: -0.001 min
Response: 396399258
Conc: 263.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

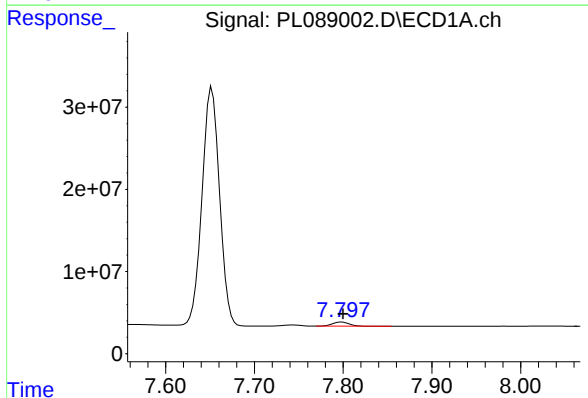
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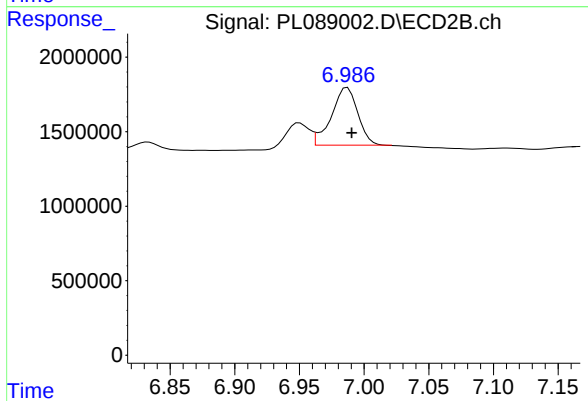
#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 231410526
Conc: 288.52 ng/ml



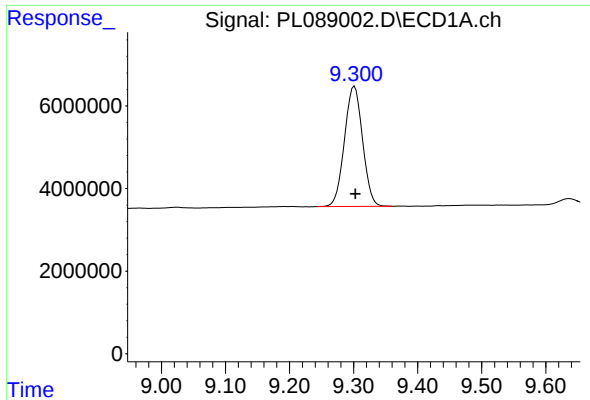
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 6575295
Conc: 2.22 ng/ml



#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 5429820
Conc: 3.29 ng/ml m



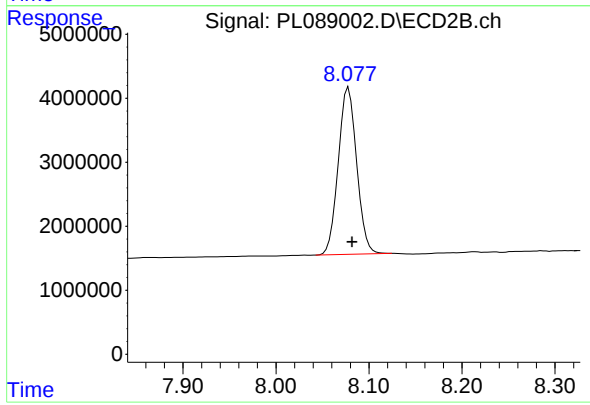
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.001 min
Response: 57004583
Conc: 23.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 35917581
Conc: 26.49 ng/ml