

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 08:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/18/2023
 Supervised By : Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.427	2.682	62563229	26449940	16.624m	15.713m
28)	SA Decachlor...	8.987	7.875	52670874	25228137	15.446	14.937
Target Compounds							
2)	A alpha-BHC	3.884	3.188	42570975	17494598	7.863	7.119
3)	MA gamma-BHC...	4.218	3.518	41010590	17002452	7.803	7.019m
6)	B beta-BHC	4.418	3.820	19478589	8602223	8.481	8.263
14)	MA Endrin	6.479	5.564	133.9E6	69730040	34.814	34.941
16)	A 4,4'-DDD	6.622	5.724	2564409	536799	0.776m	0.324m#
17)	MA 4,4'-DDT	6.941	5.978	278.3E6	137.8E6	74.004	74.694
18)	B Endrin al...	6.830	6.043	2962118	2430223	1.022m	1.656m#
20)	A Methoxychlor	7.426	6.564	355.2E6	176.5E6	182.179m	172.780
21)	B Endrin ke...	7.553	6.772	4909879	6031031	1.207m	2.833m#

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

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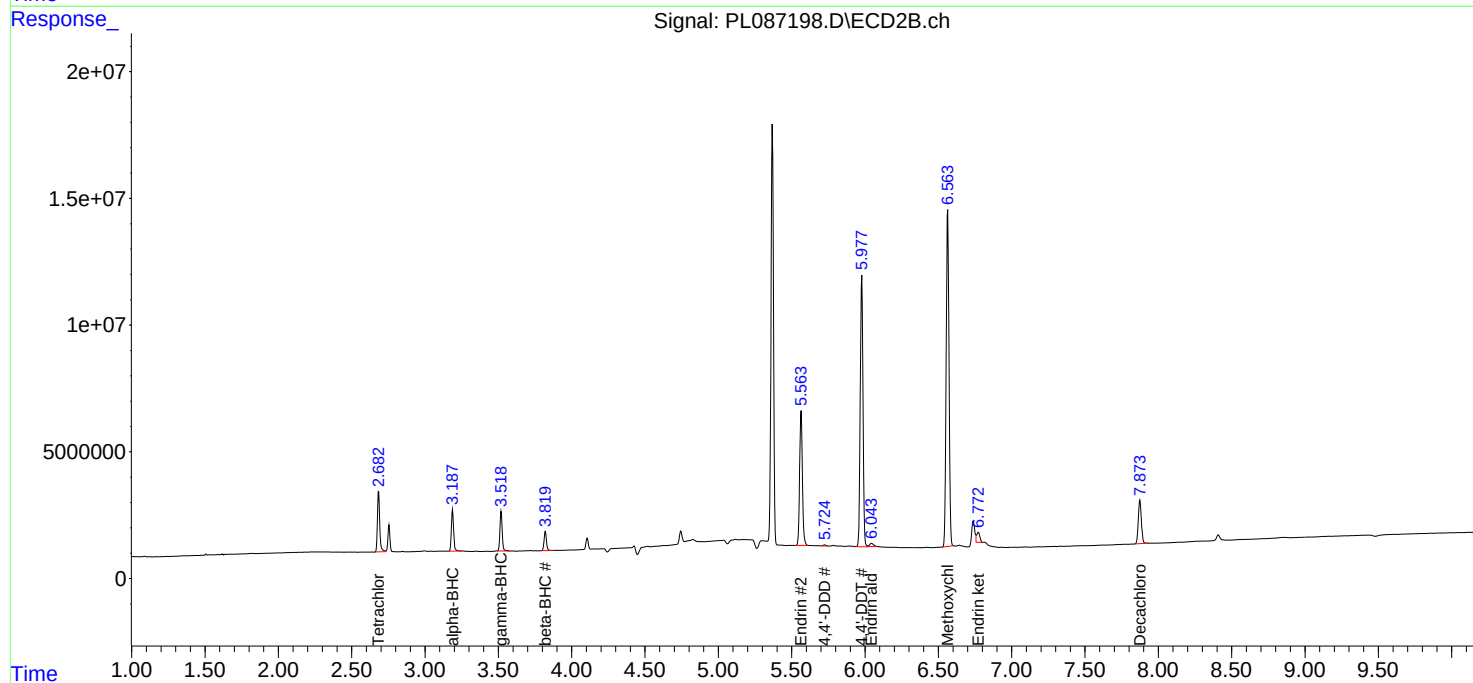
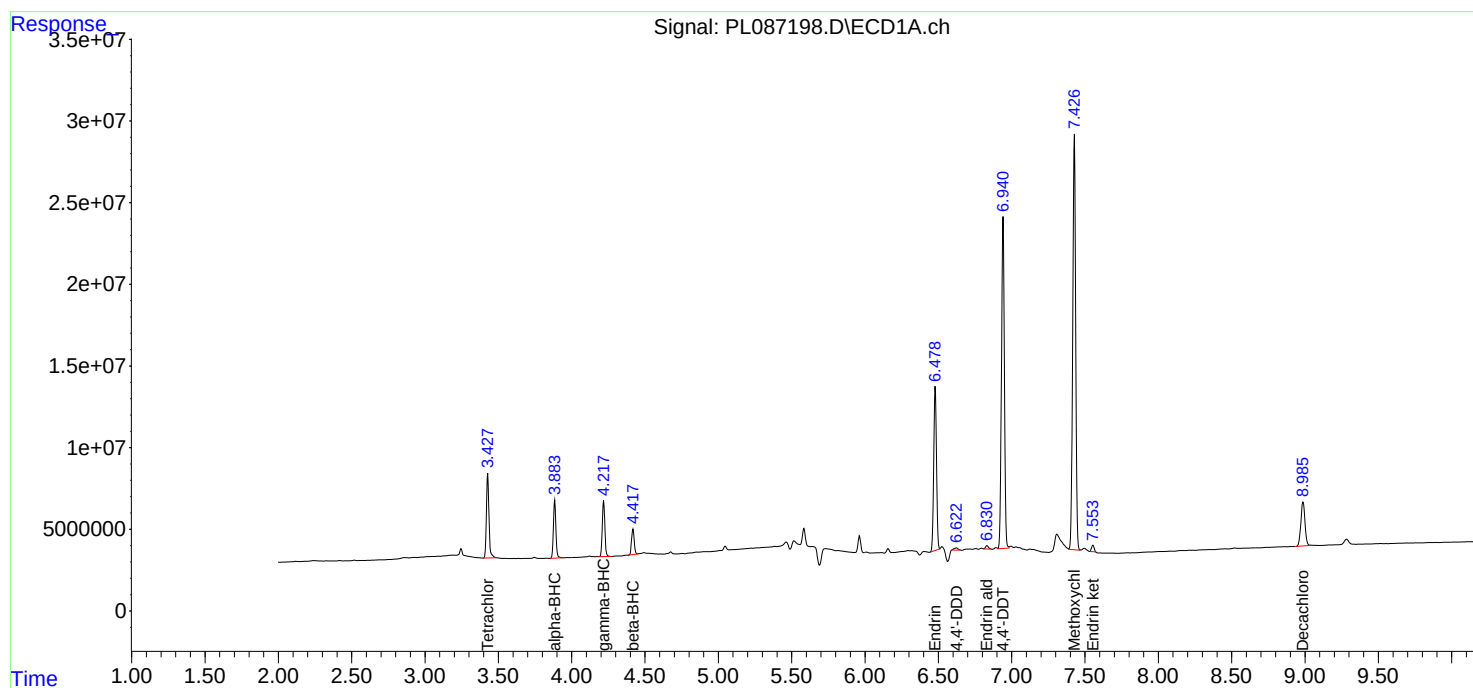
Instrument :
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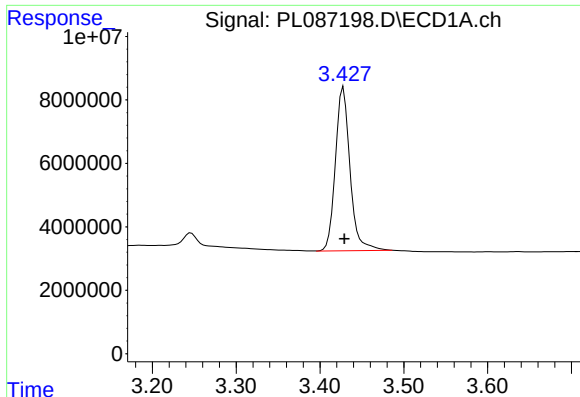
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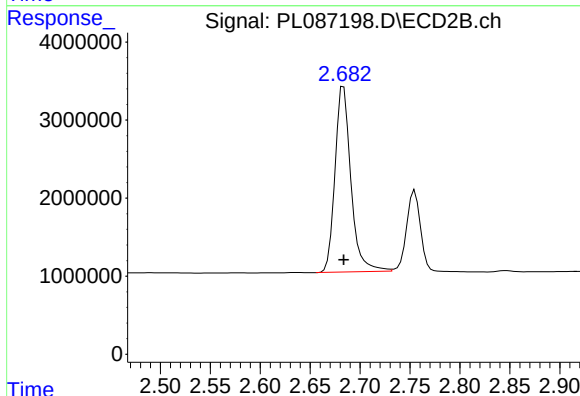
#1 Tetrachloro-m-xylene

R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 62563229
Conc: 16.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

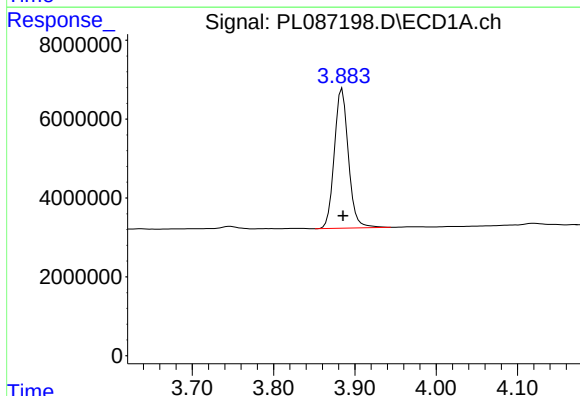
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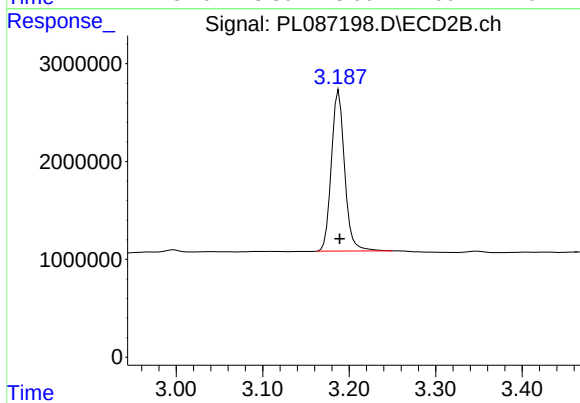
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.001 min
Response: 26449940
Conc: 15.71 ng/ml m



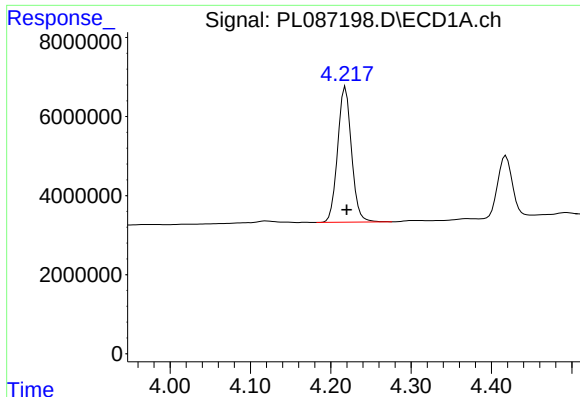
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 42570975
Conc: 7.86 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 17494598
Conc: 7.12 ng/ml



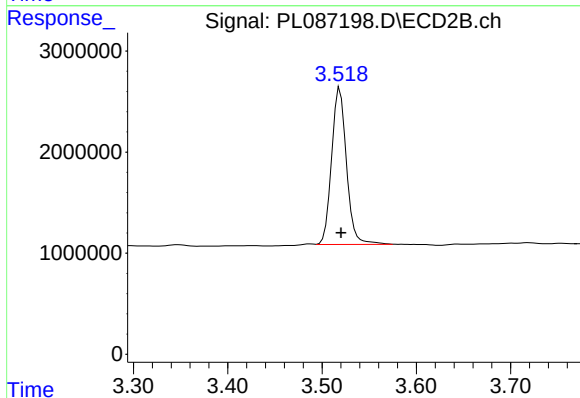
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: -0.001 min
Response: 41010590
Conc: 7.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

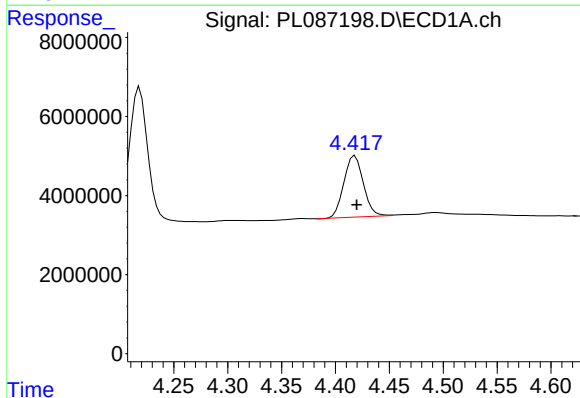
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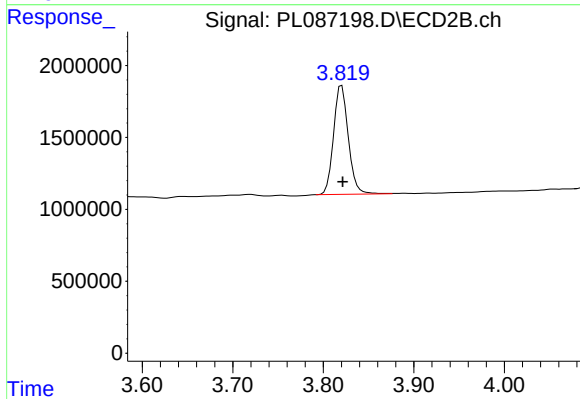
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 17002452
Conc: 7.02 ng/ml m



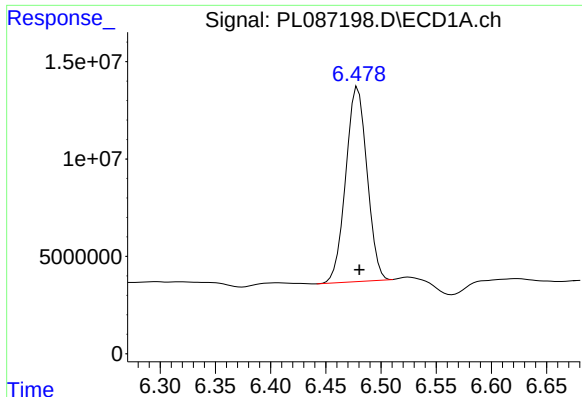
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 19478589
Conc: 8.48 ng/ml



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 8602223
Conc: 8.26 ng/ml



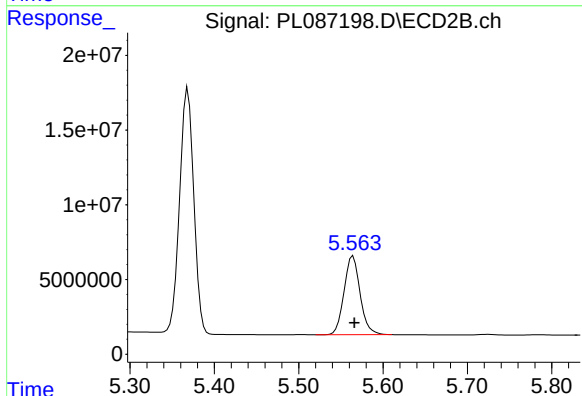
#14 Endrin

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 133942366
Conc: 34.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

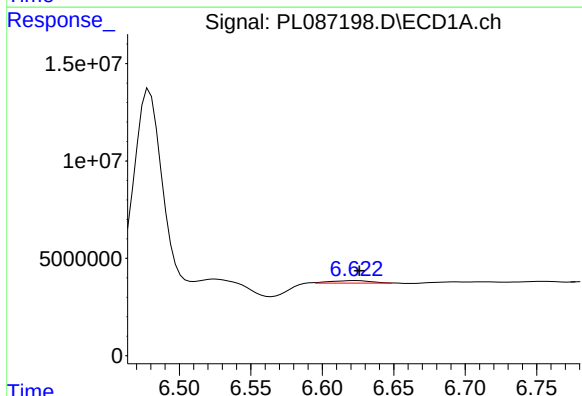
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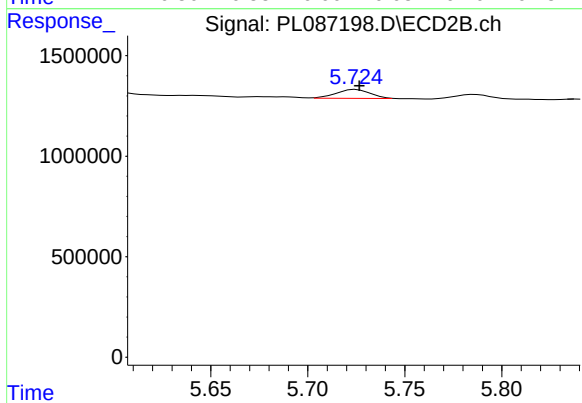
#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 69730040
Conc: 34.94 ng/ml



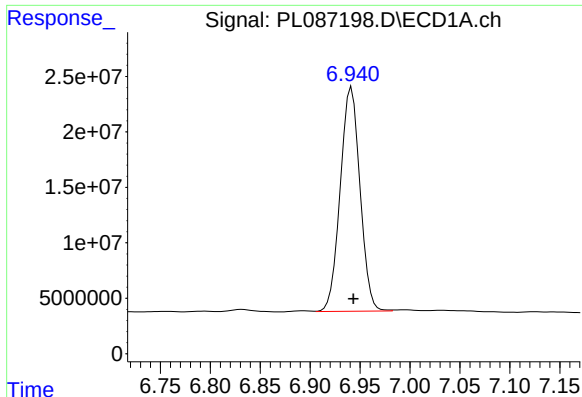
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 2564409
Conc: 0.78 ng/ml m



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 536799
Conc: 0.32 ng/ml m



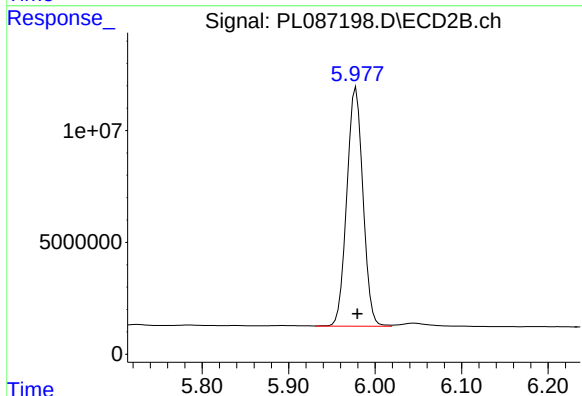
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 278269670
Conc: 74.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

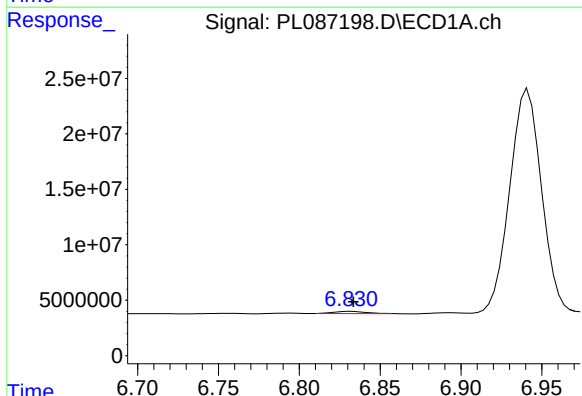
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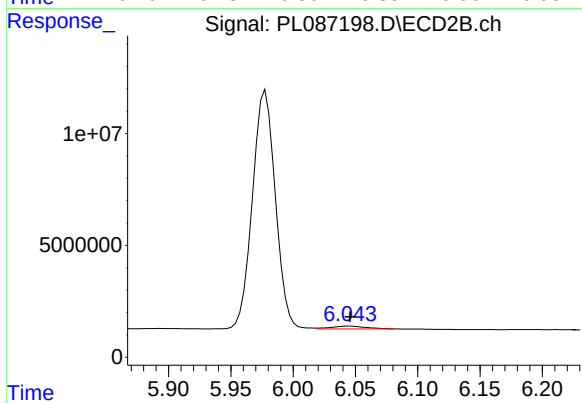
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 137760820
Conc: 74.69 ng/ml



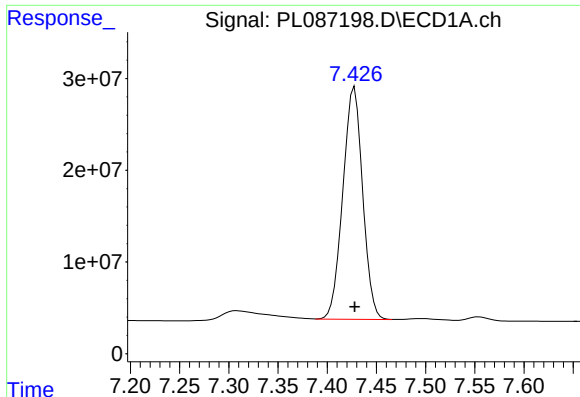
#18 Endrin aldehyde

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 2962118
Conc: 1.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 2430223
Conc: 1.66 ng/ml m



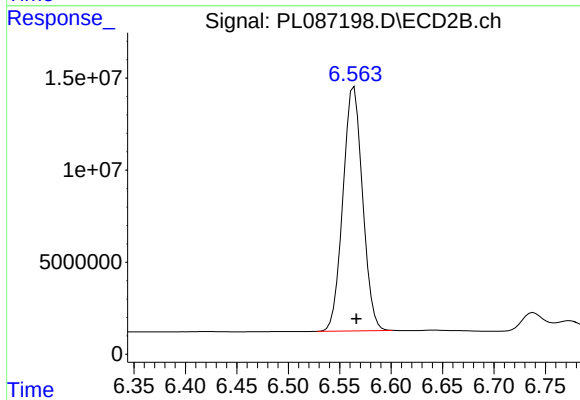
#20 Methoxychlor

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 355235751
Conc: 182.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

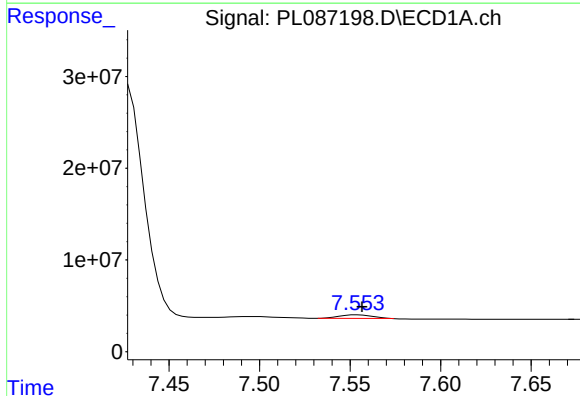
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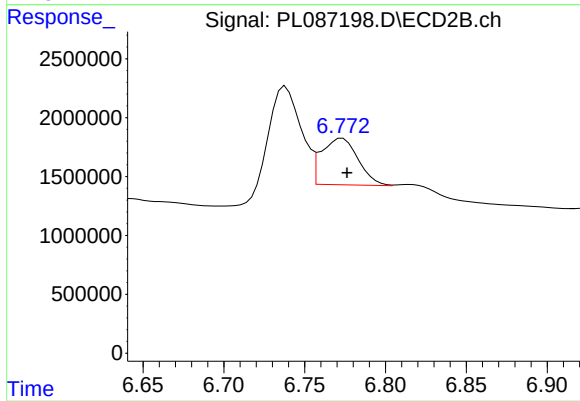
#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 176476422
Conc: 172.78 ng/ml



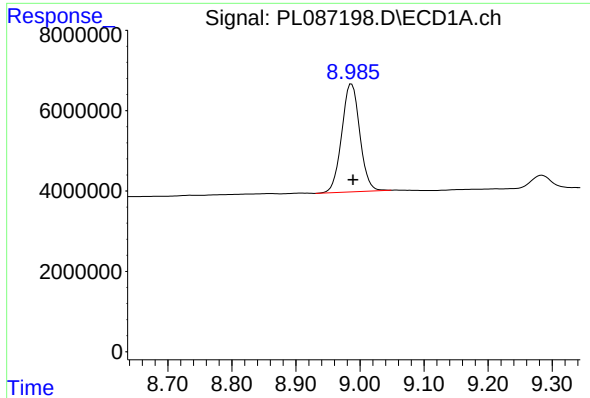
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 4909879
Conc: 1.21 ng/ml m



#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.004 min
Response: 6031031
Conc: 2.83 ng/ml m



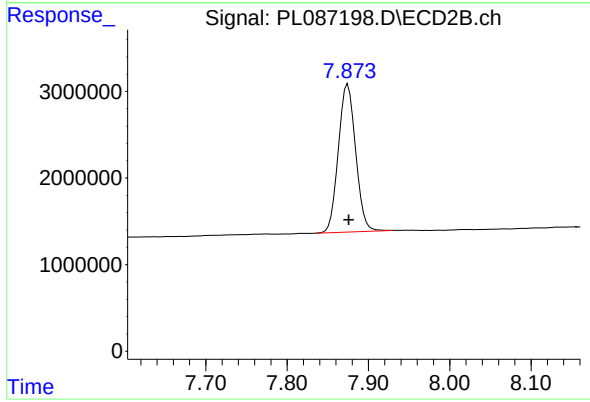
#28 Decachlorobiphenyl

R.T.: 8.987 min
Delta R.T.: -0.002 min
Response: 52670874
Conc: 15.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 25228137
Conc: 14.94 ng/ml