

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060524\
 Data File : PL089969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2024 09:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/06/2024
 Supervised By :Ankita Jodhani 06/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 12:18:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.549	2.794	42614075	30304659	20.353	21.135
28)	SA Decachlor...	9.065	7.942	31551524	25828460	21.458	17.381
Target Compounds							
2)	A alpha-BHC	4.004	3.298	31967640	20155743	10.722	9.429
3)	MA gamma-BHC...	4.337	3.629	30129892	19562969	10.367	9.353
6)	B beta-BHC	4.532	3.926	14293085	10343492	10.943	11.307
14)	MA Endrin	6.583	5.664	79120512	73306678	39.354m	44.754
16)	A 4,4'-DDD	6.717	5.809	2243324	2316169	1.281m	1.643m#
17)	MA 4,4'-DDT	7.032	6.062	144.0E6	152.4E6	78.222	100.348 #
18)	B Endrin al...	6.932	6.138	2597671	1959693	1.676m	1.615
20)	A Methoxychlor	7.507	6.638	188.1E6	200.3E6	191.516	225.187
21)	B Endrin ke...	7.651	6.865	7059702	3879088	3.353m	2.129 #

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

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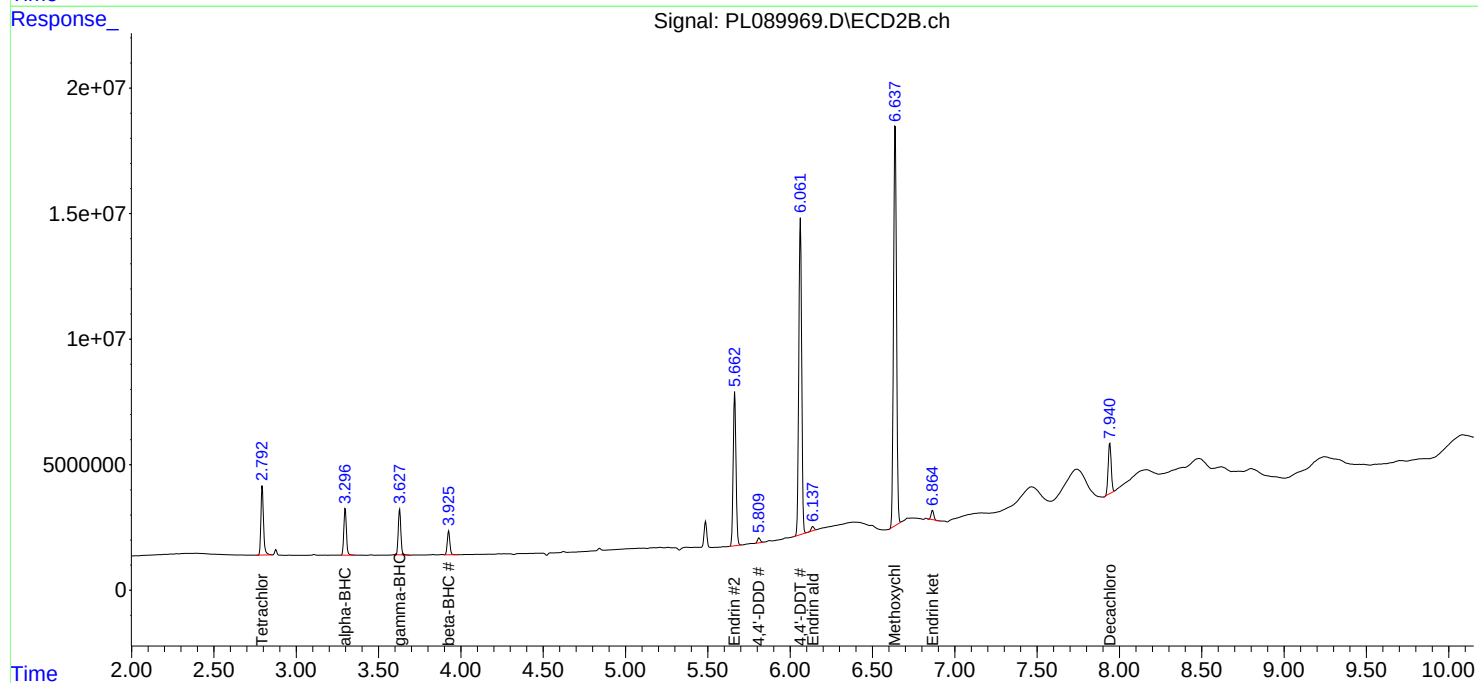
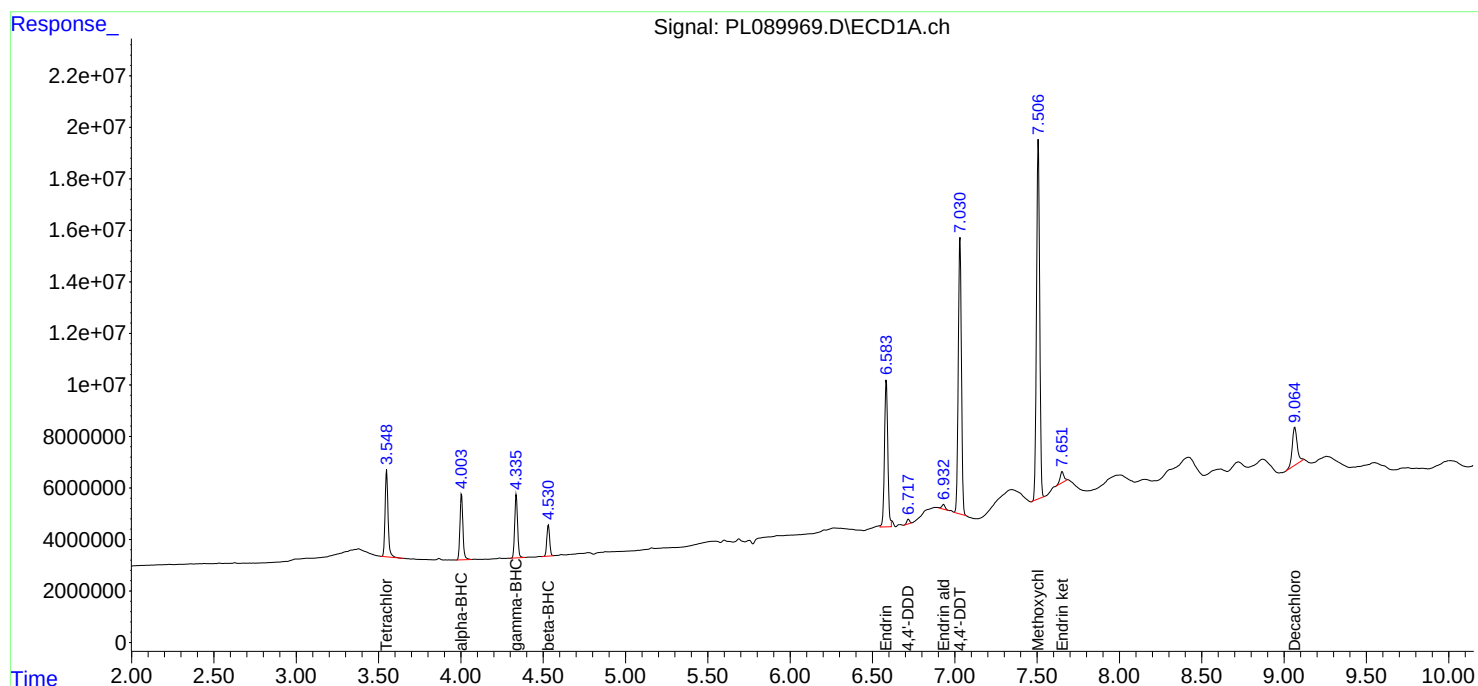
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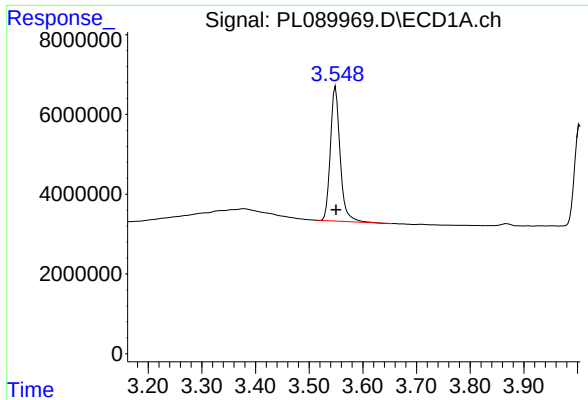
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Integration File signal 1: autoint1.e
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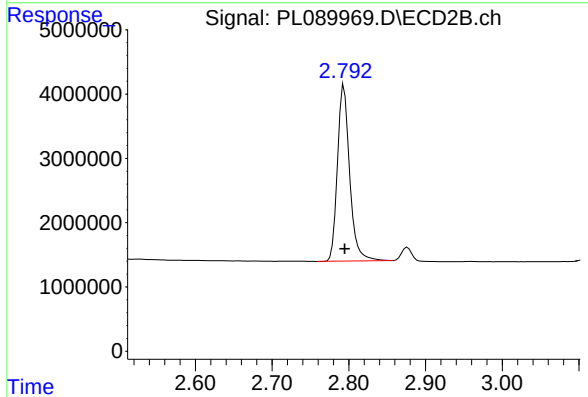
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 42614075
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

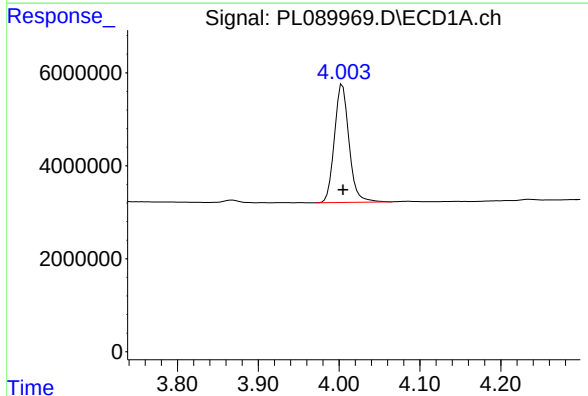
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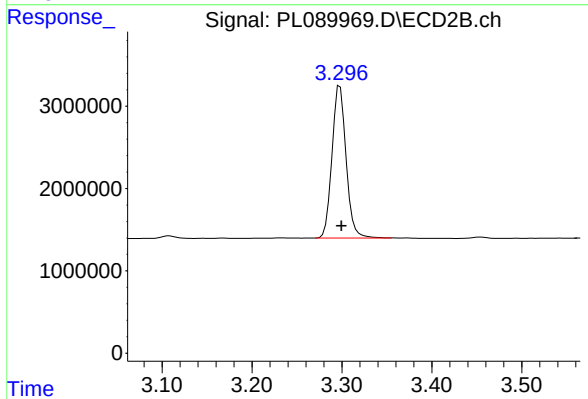
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: 0.000 min
Response: 30304659
Conc: 21.14 ng/ml



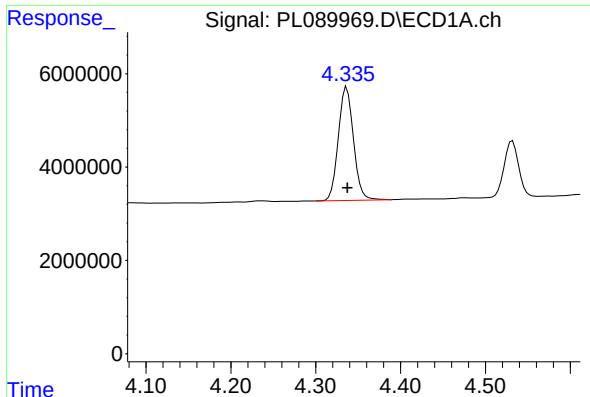
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 31967640
Conc: 10.72 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 20155743
Conc: 9.43 ng/ml



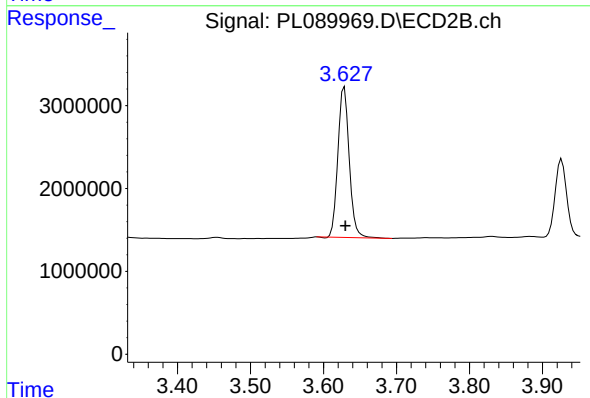
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 30129892
Conc: 10.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

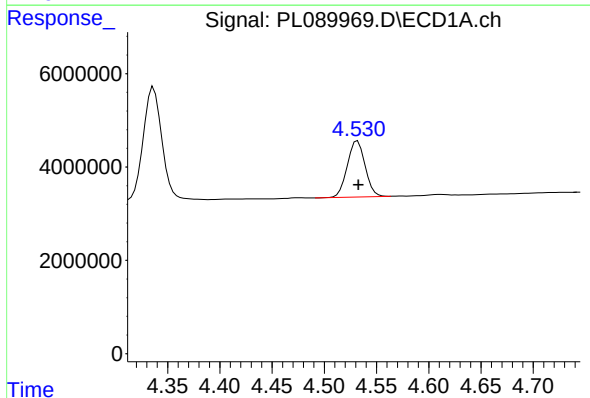
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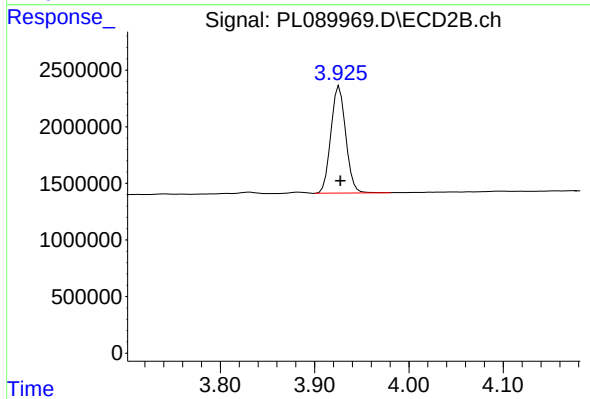
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.002 min
Response: 19562969
Conc: 9.35 ng/ml



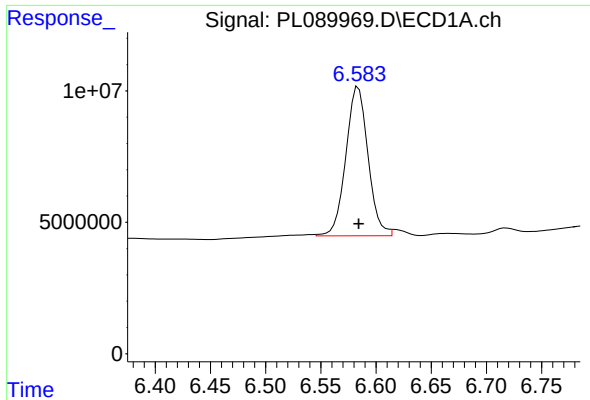
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14293085
Conc: 10.94 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.001 min
Response: 10343492
Conc: 11.31 ng/ml



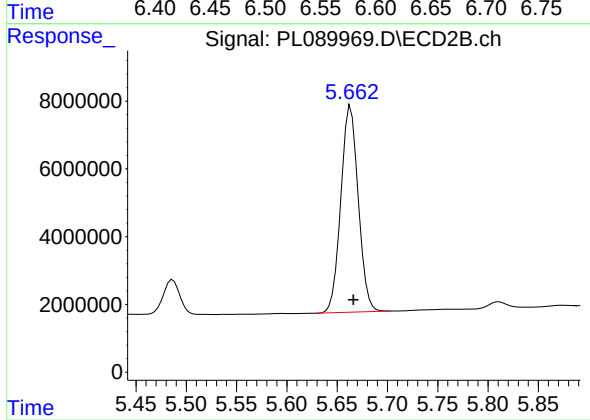
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 79120512
Conc: 39.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

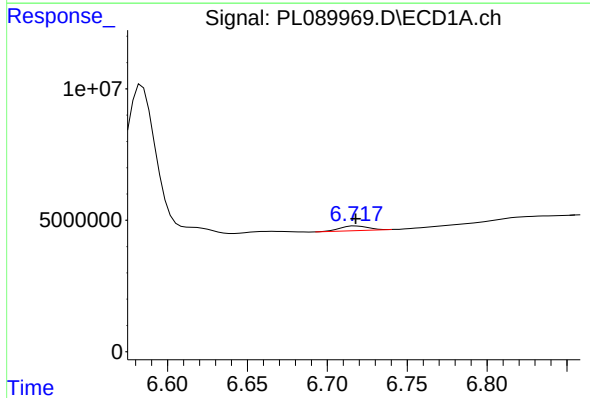
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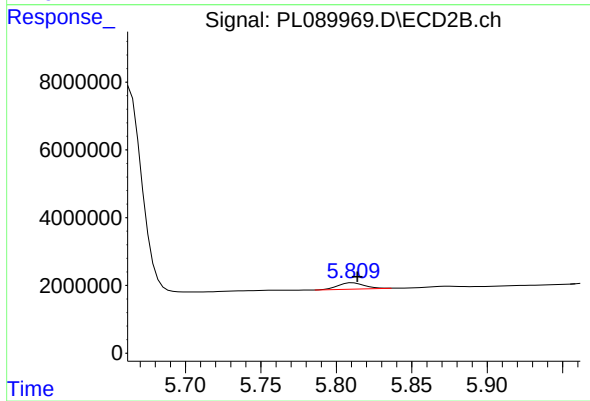
#14 Endrin

R.T.: 5.664 min
Delta R.T.: -0.003 min
Response: 73306678
Conc: 44.75 ng/ml



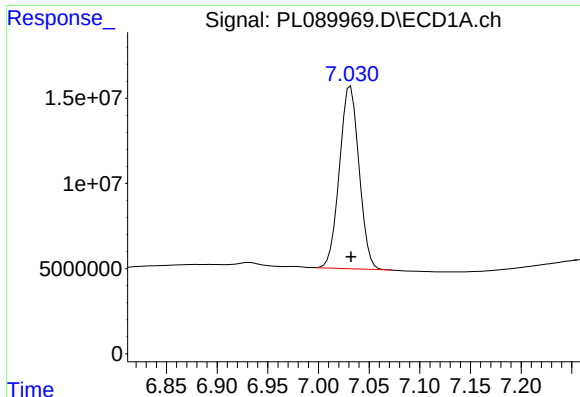
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 2243324
Conc: 1.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 2316169
Conc: 1.64 ng/ml m



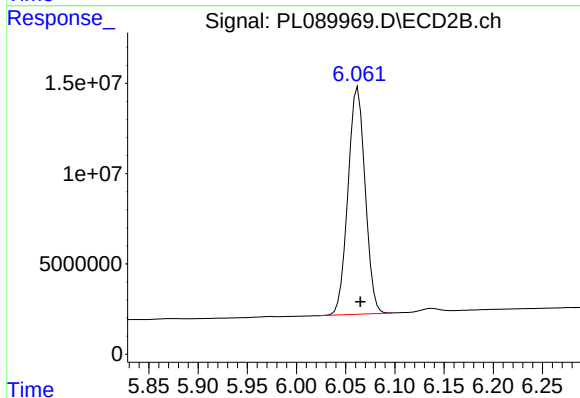
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 144013893
Conc: 78.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

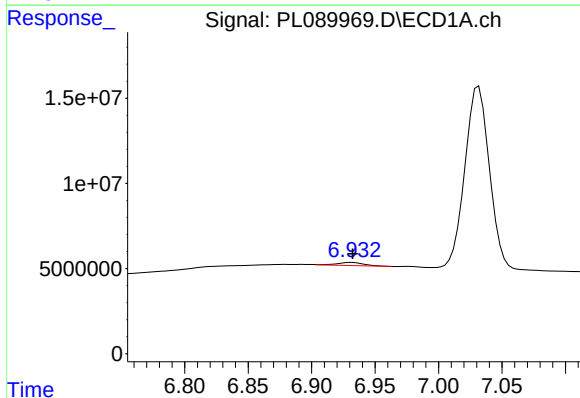
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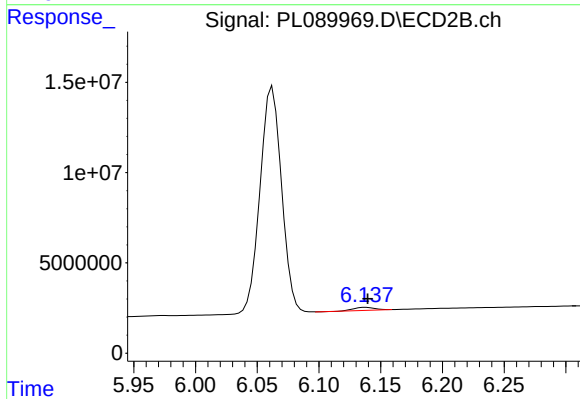
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 152388769
Conc: 100.35 ng/ml



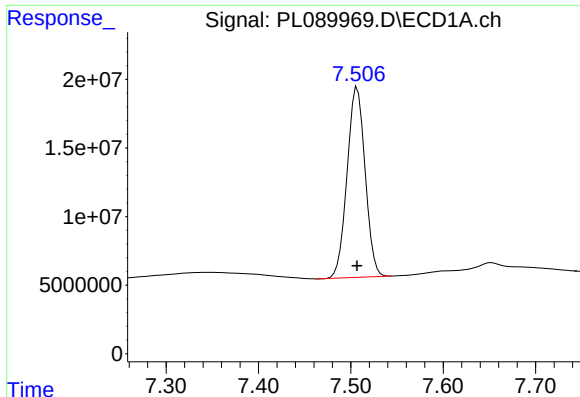
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2597671
Conc: 1.68 ng/ml m



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 1959693
Conc: 1.61 ng/ml



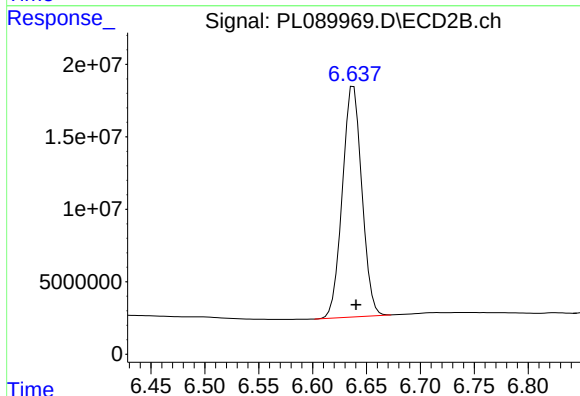
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 188103143
Conc: 191.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

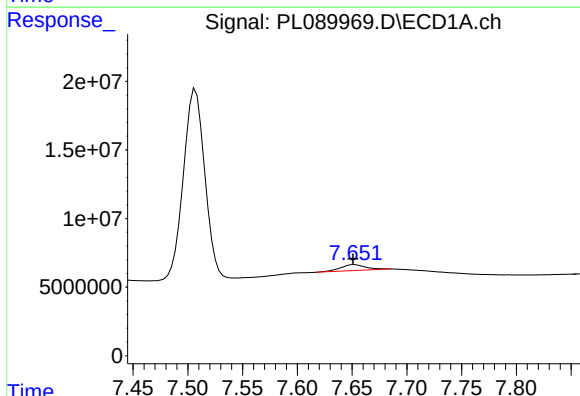
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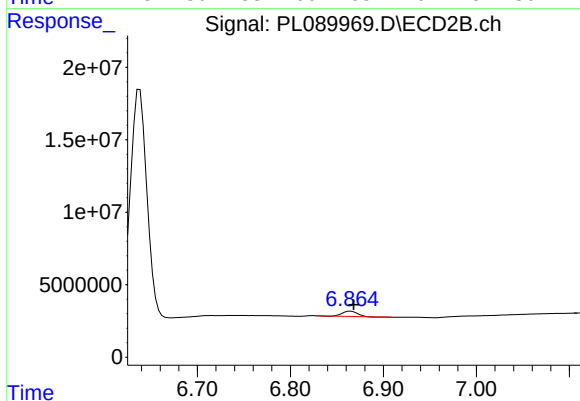
#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 200321849
Conc: 225.19 ng/ml



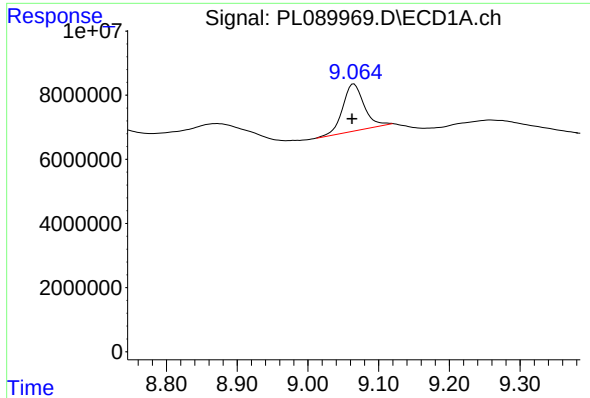
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 7059702
Conc: 3.35 ng/ml m



#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 3879088
Conc: 2.13 ng/ml



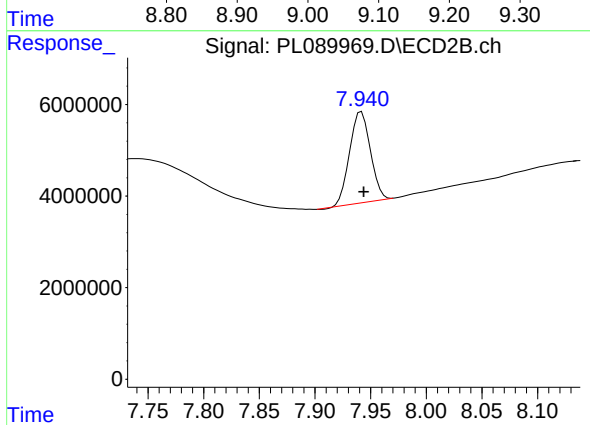
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.003 min
Response: 31551524
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 25828460
Conc: 17.38 ng/ml