

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
 Data File : PL089226.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2024 09:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 21:40:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.550	2.797	42513308	25935847	21.112	20.214
28)	SA Decachlor...	9.063	7.948	30187644	27198742	21.578	20.219
Target Compounds							
2)	A alpha-BHC	4.005	3.301	31637139	17298376	11.094	9.168
3)	MA gamma-BHC...	4.338	3.631	29993169	16475245	10.774	8.928m
6)	B beta-BHC	4.531	3.930	14679356	8542504	11.636m	10.463
12)	B 4,4'-DDE	6.201	5.262	997722	329400	0.493m	0.227m#
14)	MA Endrin	6.585	5.669	84248259	65965430	44.474	45.883
16)	A 4,4'-DDD	6.718	5.817	2985752	1394258	1.770	1.131 #
17)	MA 4,4'-DDT	7.032	6.068	162.0E6	138.1E6	88.114	102.089
18)	B Endrin al...	6.933	6.143	3670189	2348519	2.427	2.111
20)	A Methoxychlor	7.506	6.643	205.0E6	177.2E6	208.461	221.604
21)	B Endrin ke...	7.650	6.870	5802563	3753532	2.899	2.347

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

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Acq On : 29 Apr 2024 09:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

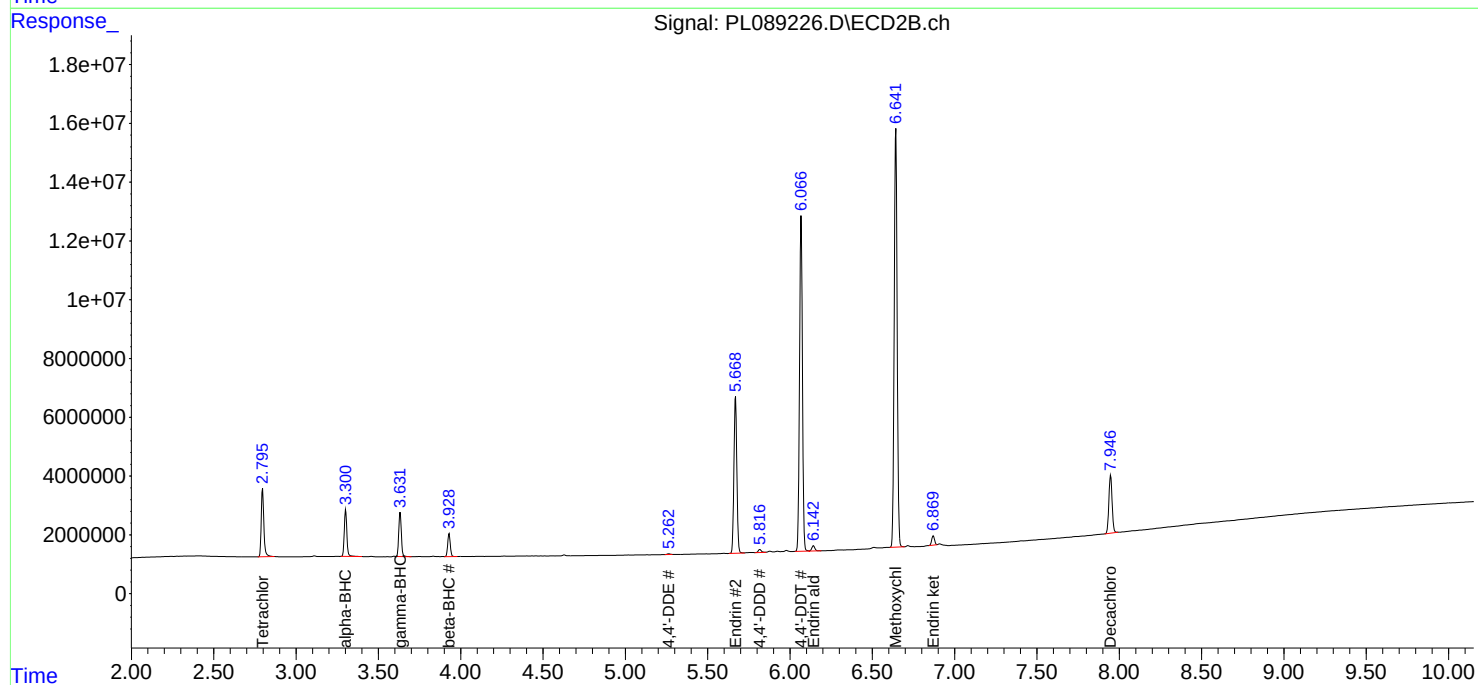
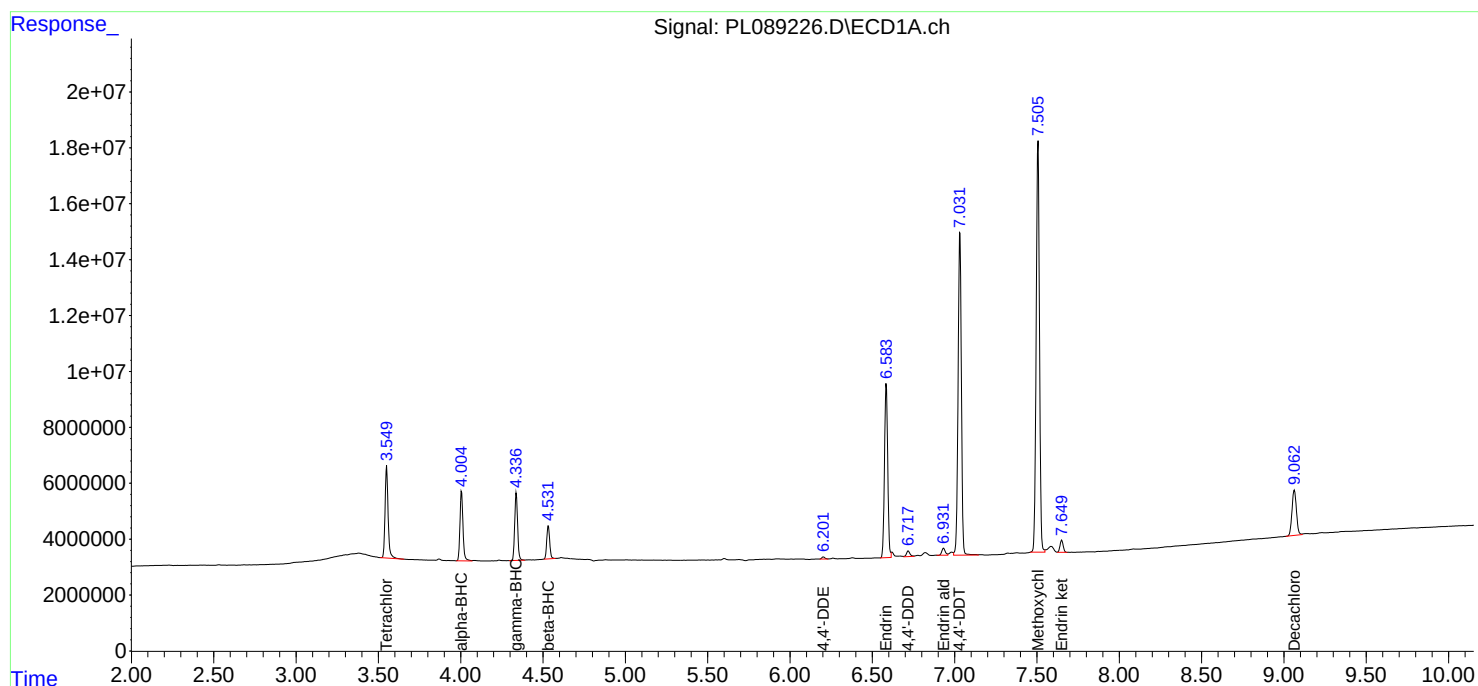
Instrument :
ECD_L
ClientSampleId :
PEM

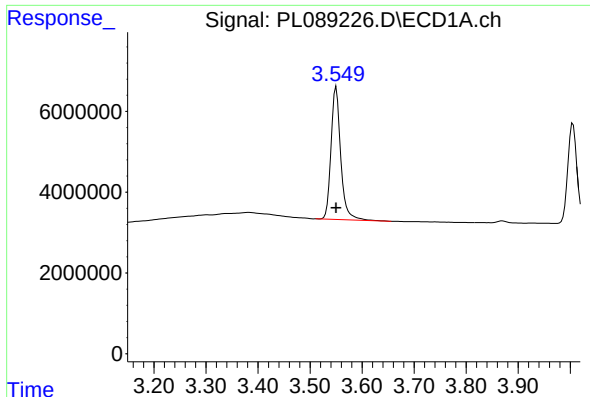
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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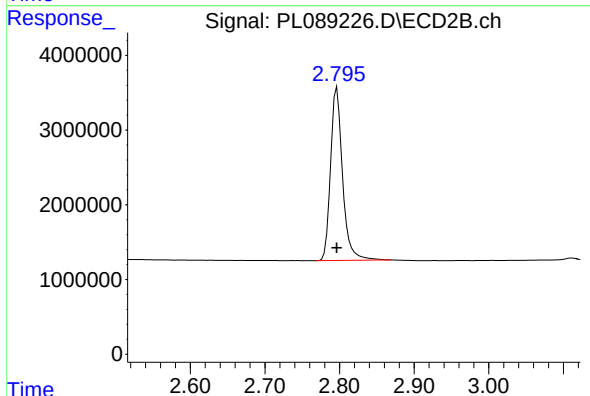
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 42513308
Conc: 21.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

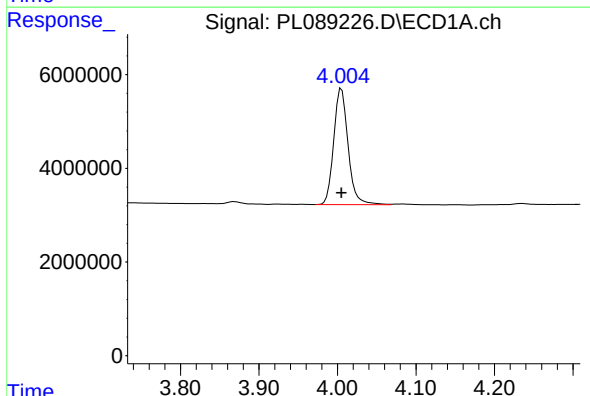
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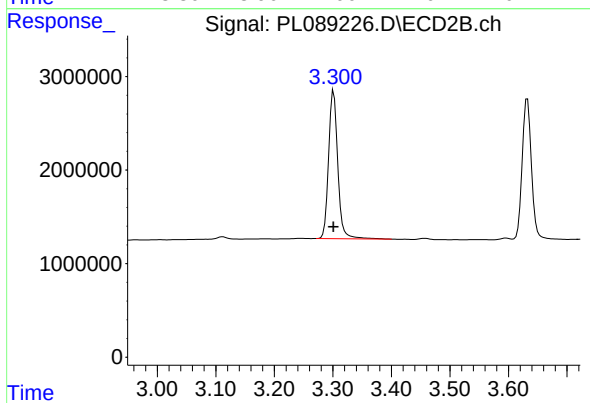
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 25935847
Conc: 20.21 ng/ml



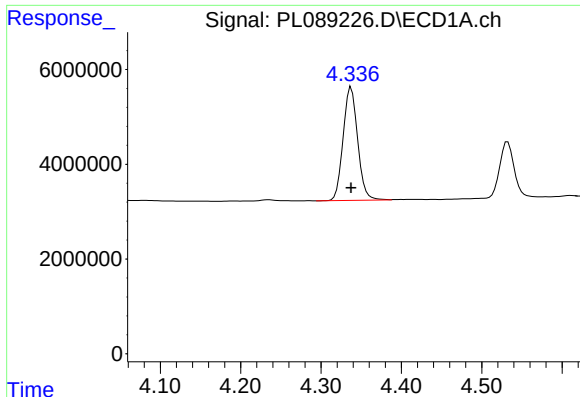
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 31637139
Conc: 11.09 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 17298376
Conc: 9.17 ng/ml



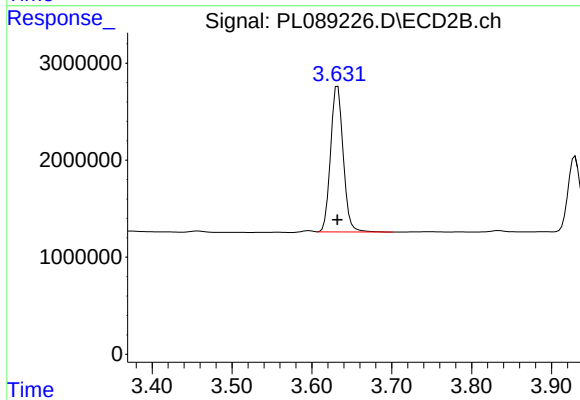
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 29993169
Conc: 10.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

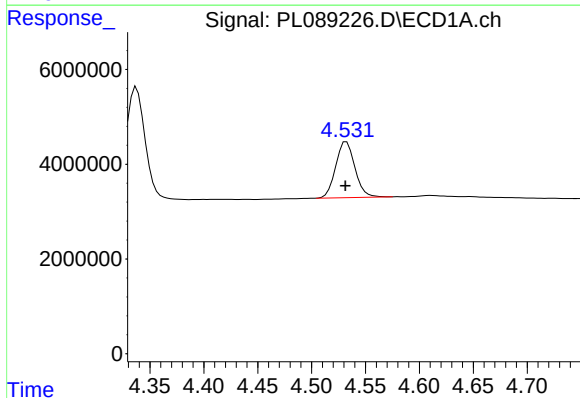
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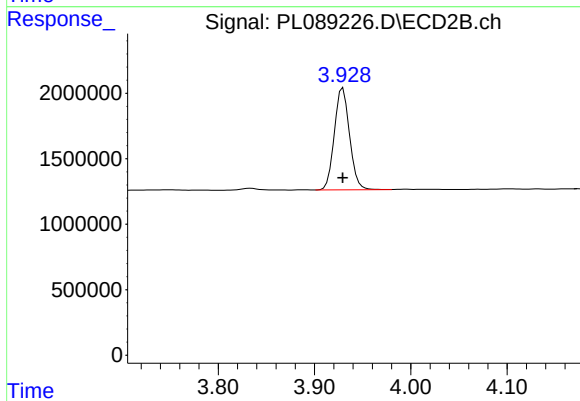
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 16475245
Conc: 8.93 ng/ml m



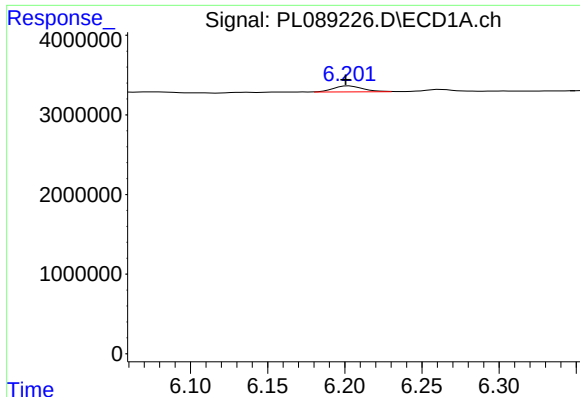
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 14679356
Conc: 11.64 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 8542504
Conc: 10.46 ng/ml



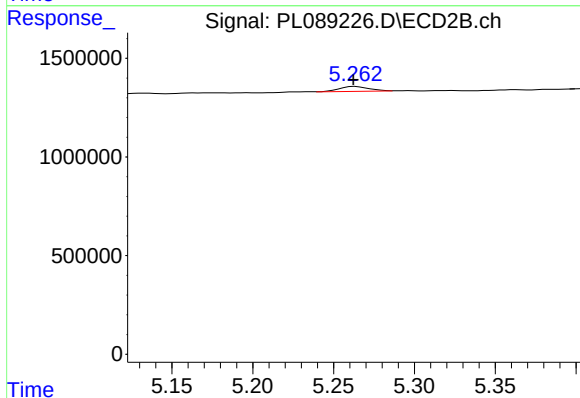
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 997722
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

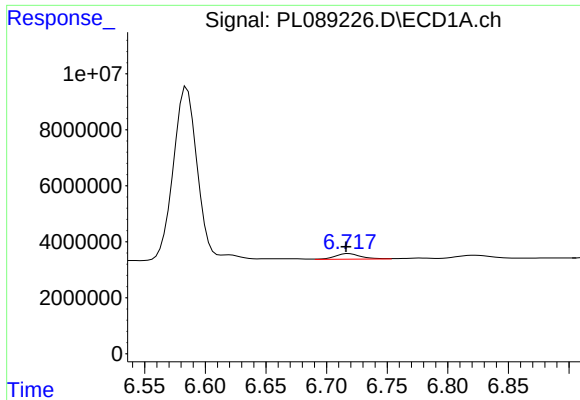
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 329400
Conc: 0.23 ng/ml m

#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 84248259
Conc: 44.47 ng/ml

#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 65965430
Conc: 45.88 ng/ml



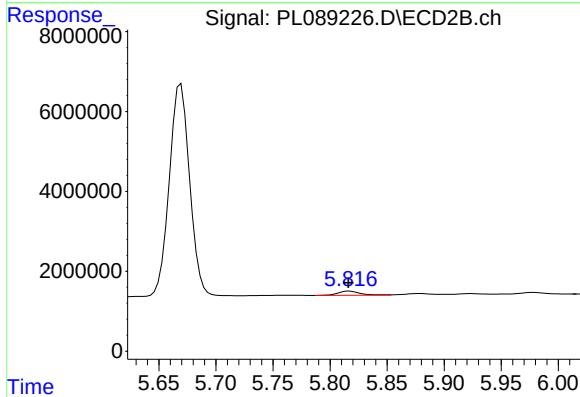
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 2985752
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

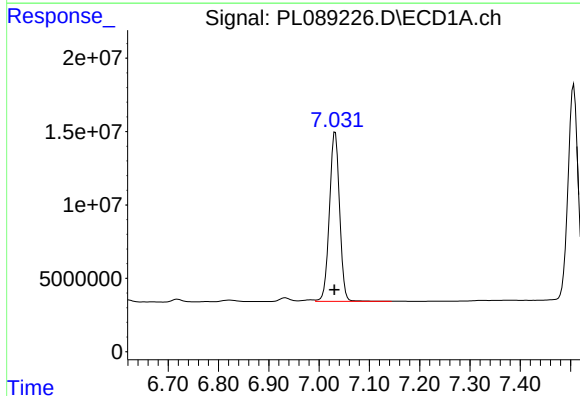
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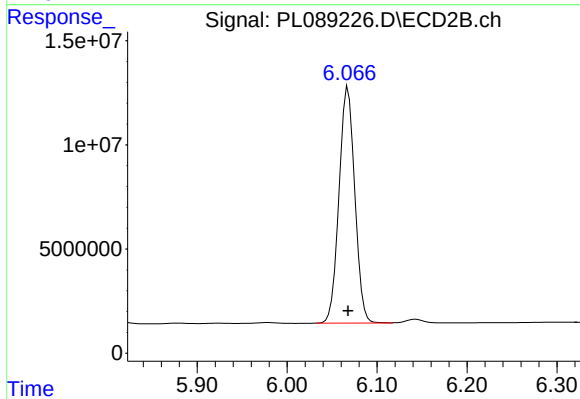
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 1394258
Conc: 1.13 ng/ml



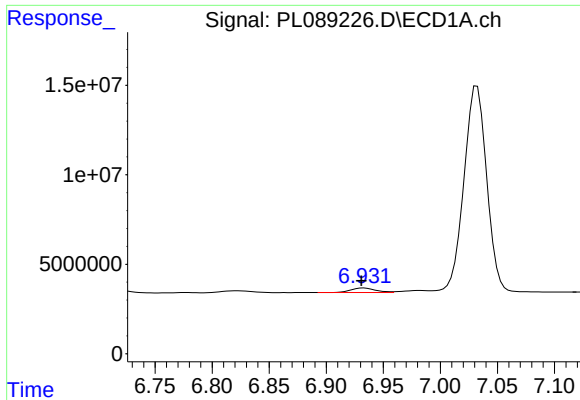
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 162039991
Conc: 88.11 ng/ml



#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 138124832
Conc: 102.09 ng/ml



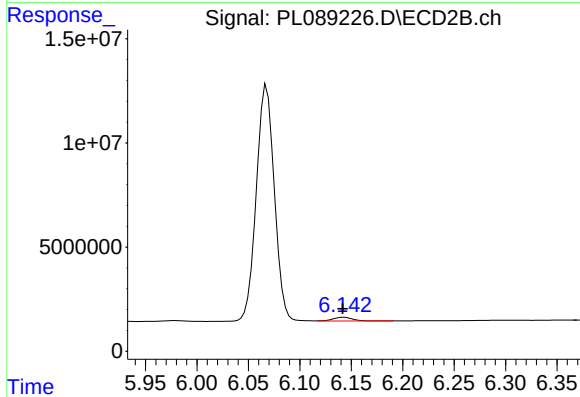
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 3670189
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

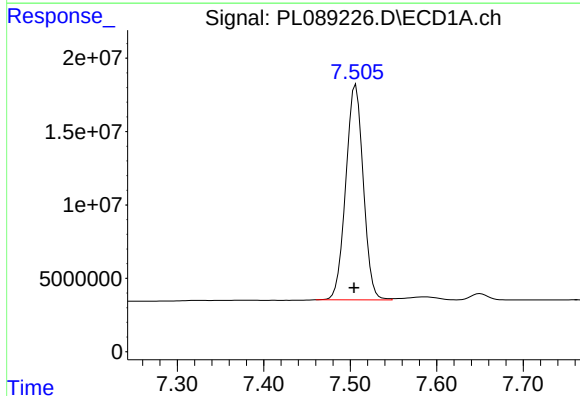
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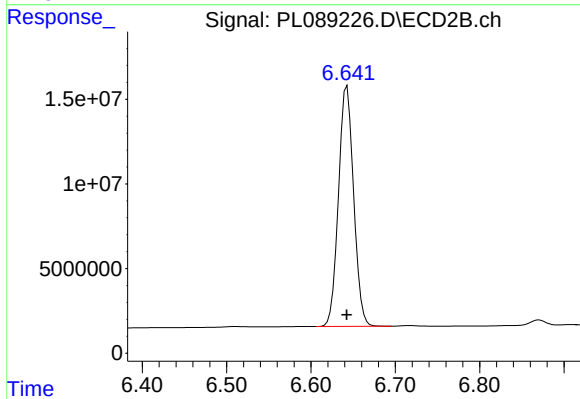
#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 2348519
Conc: 2.11 ng/ml



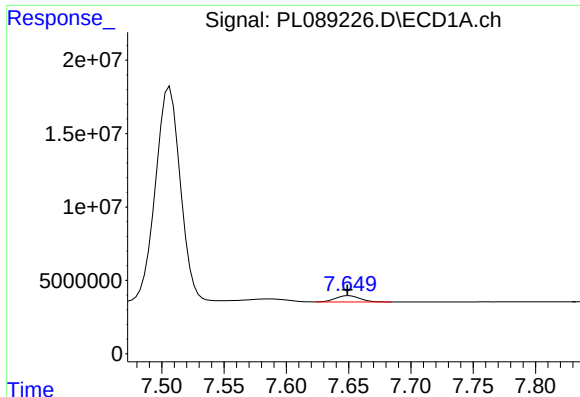
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 205001387
Conc: 208.46 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 177191173
Conc: 221.60 ng/ml



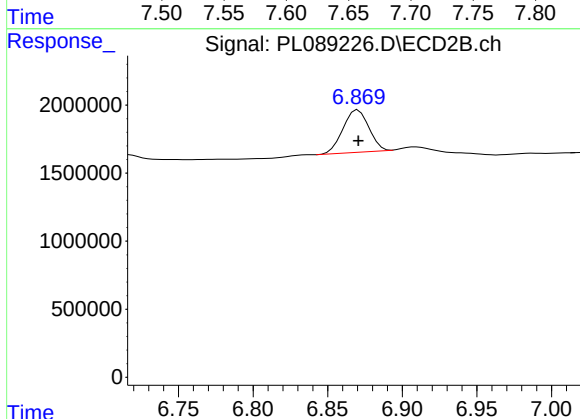
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.001 min
Response: 5802563
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
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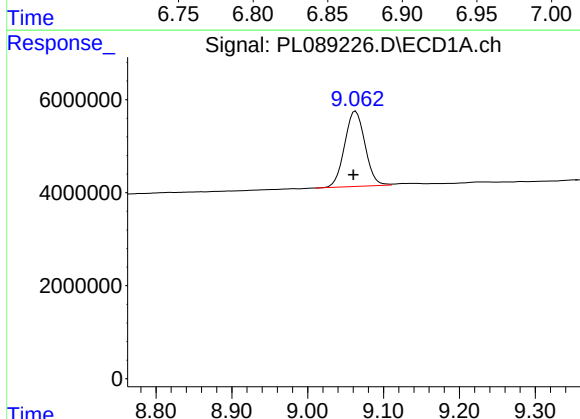
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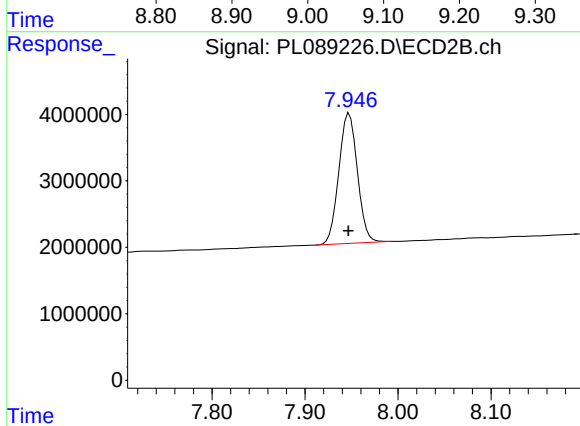
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 3753532
Conc: 2.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.003 min
Response: 30187644
Conc: 21.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 27198742
Conc: 20.22 ng/ml