

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
 Data File : PL097822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 10:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 02:41:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.499	2.800	116.5E6	162.7E6	23.075	23.286
28)	SA Decachlor...	8.963	7.950	92879327	155.3E6	24.445	23.622
Target Compounds							
2)	A alpha-BHC	3.946	3.303	92161374	120.3E6	10.898	10.483
3)	MA gamma-BHC...	4.273	3.633	85880218	114.8E6	10.713	10.677
6)	B beta-BHC	4.463	3.930	36864491	50880338	11.010	10.974
14)	MA Endrin	6.503	5.670	282.1E6	471.3E6	54.468	56.402
16)	A 4,4'-DDD	6.637	5.819	6261993	9197683	1.352	1.226
17)	MA 4,4'-DDT	6.951	6.071	539.1E6	882.3E6	112.539	115.019
18)	B Endrin al...	6.844	6.144	2223768	10305929	0.564m	1.614 #
20)	A Methoxychlor	7.424	6.643	650.1E6	997.5E6	258.308	238.690
21)	B Endrin ke...	7.557	6.865	5376136	10607444	1.035	1.189m

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

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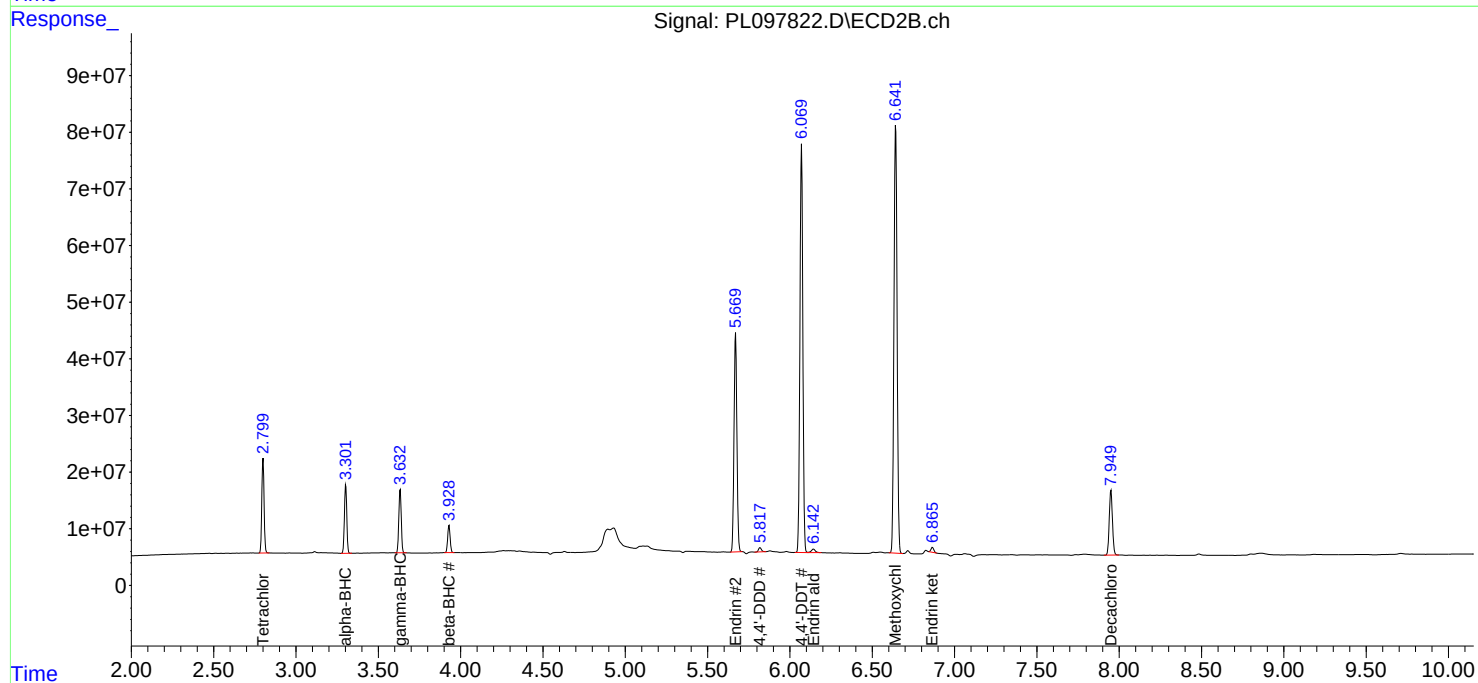
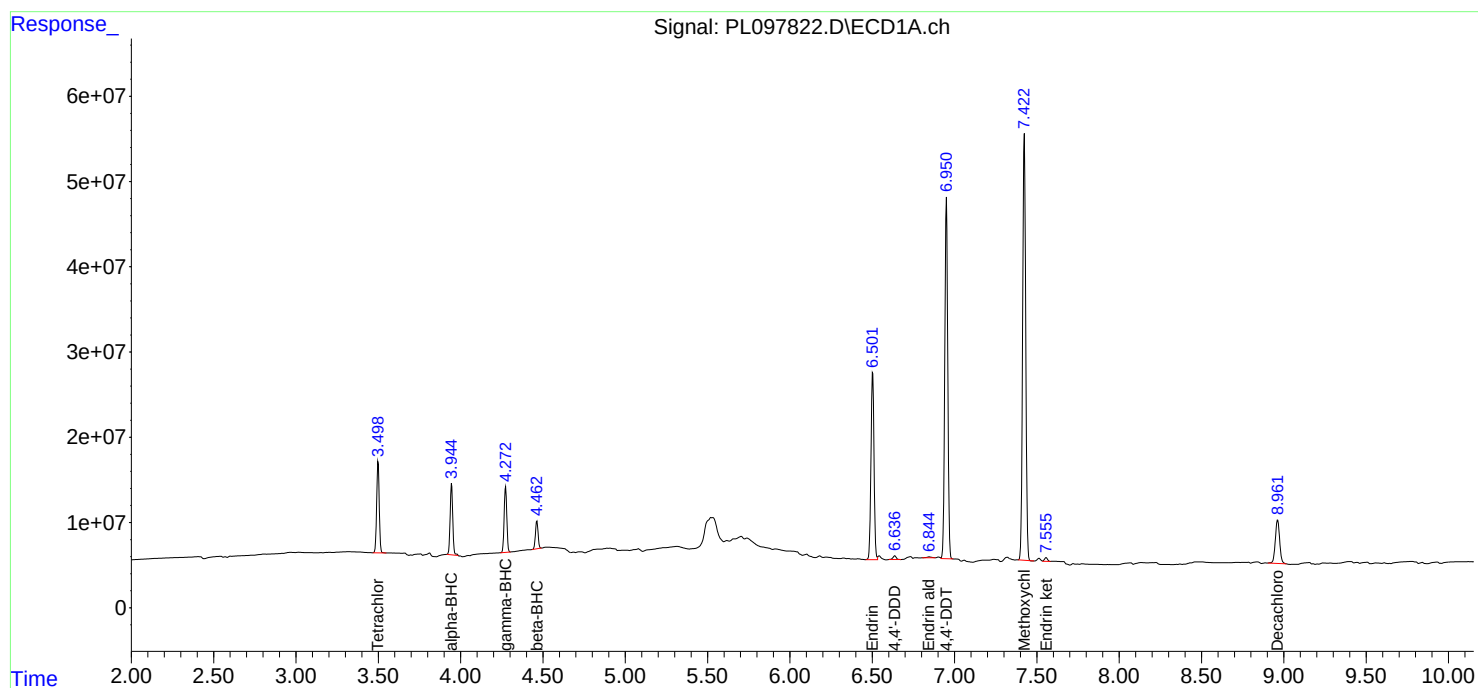
Instrument :
ECD_L
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PEM

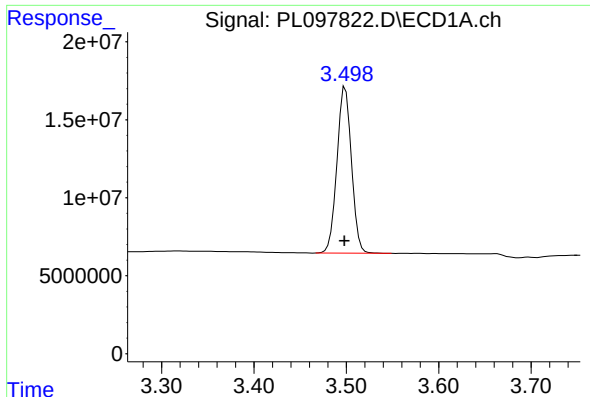
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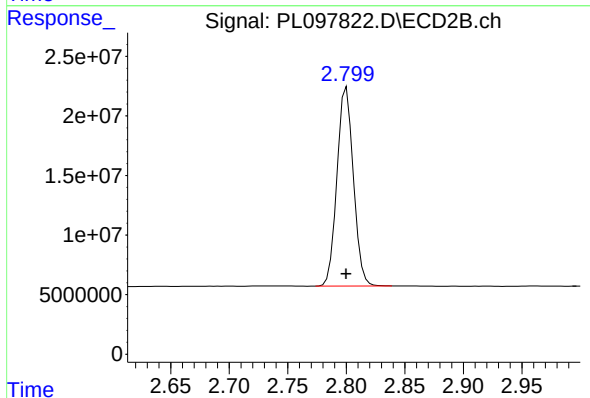
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 116456519
Conc: 23.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

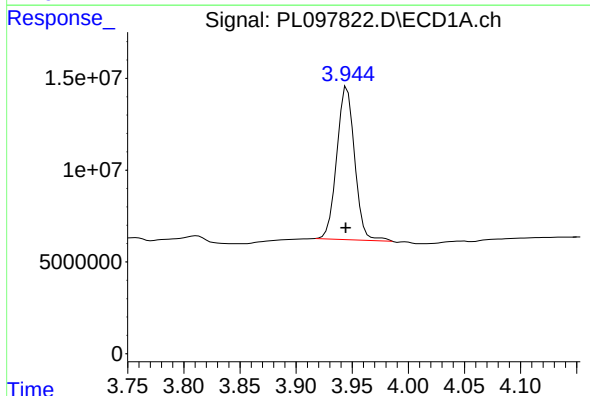
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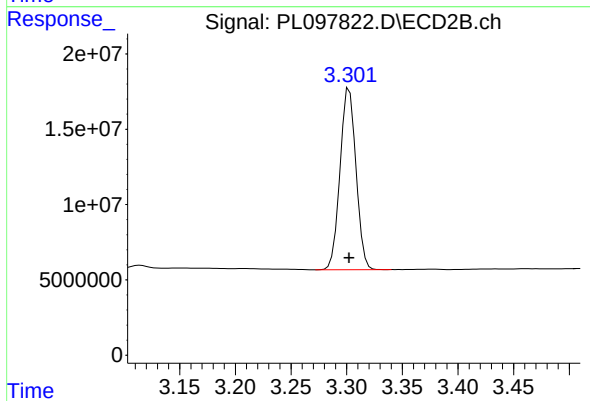
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 162660210
Conc: 23.29 ng/ml



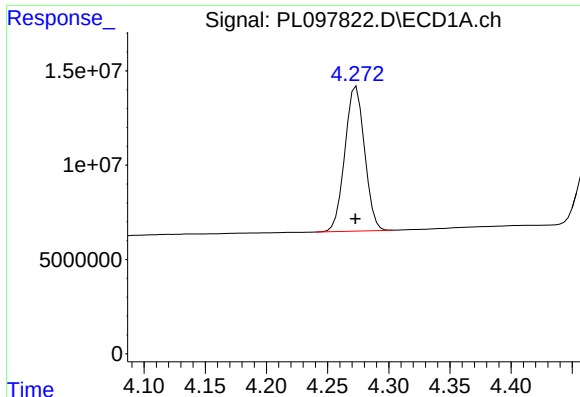
#2 alpha-BHC

R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 92161374
Conc: 10.90 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 120274296
Conc: 10.48 ng/ml



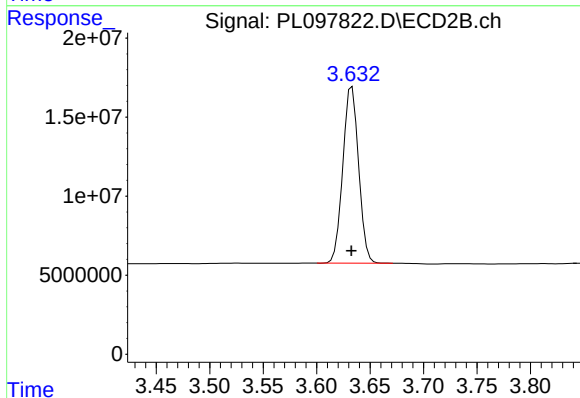
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 85880218
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

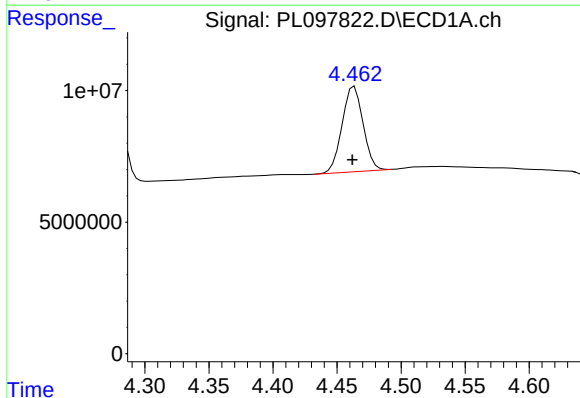
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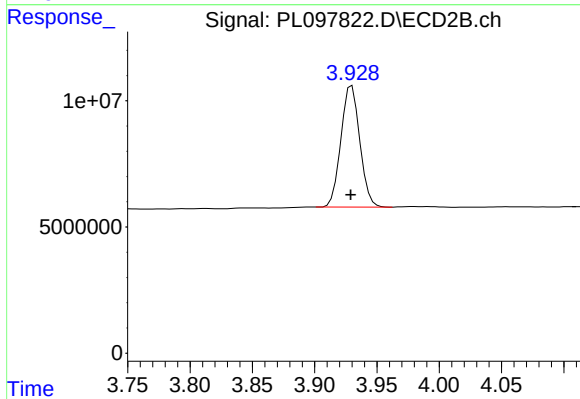
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 114845920
Conc: 10.68 ng/ml



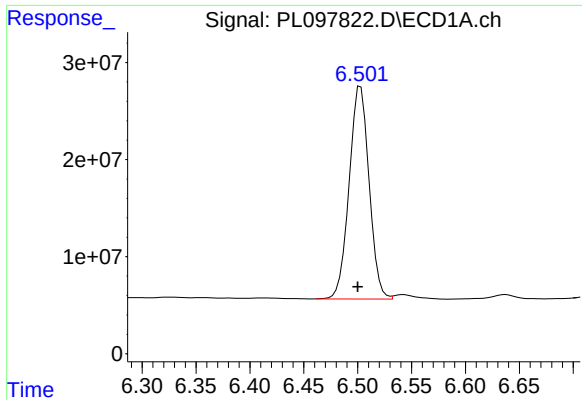
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.002 min
Response: 36864491
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 50880338
Conc: 10.97 ng/ml



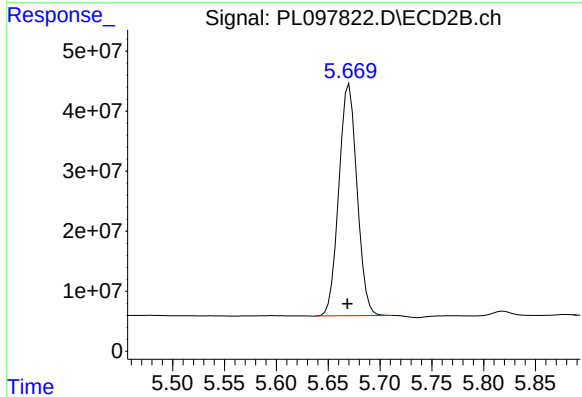
#14 Endrin

R.T.: 6.503 min
Delta R.T.: 0.003 min
Response: 282112421
Conc: 54.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

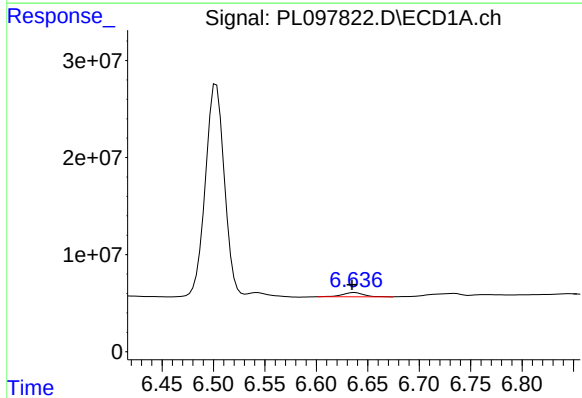
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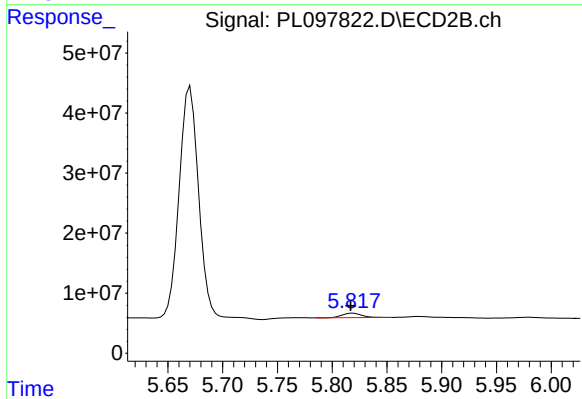
#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 471349259
Conc: 56.40 ng/ml



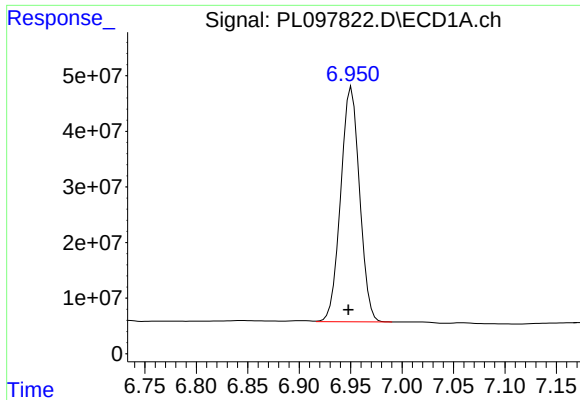
#16 4,4'-DDD

R.T.: 6.637 min
Delta R.T.: 0.003 min
Response: 6261993
Conc: 1.35 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 9197683
Conc: 1.23 ng/ml



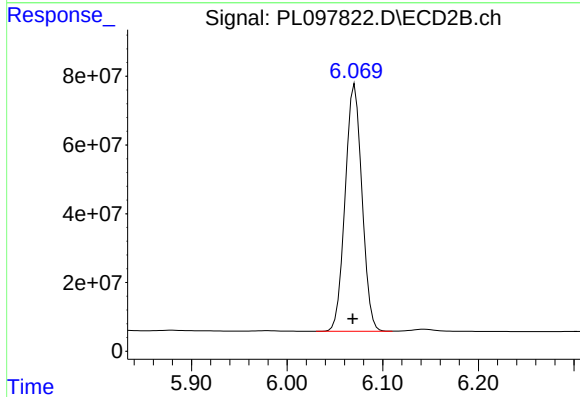
#17 4,4'-DDT

R.T.: 6.951 min
Delta R.T.: 0.003 min
Response: 539097802
Conc: 112.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

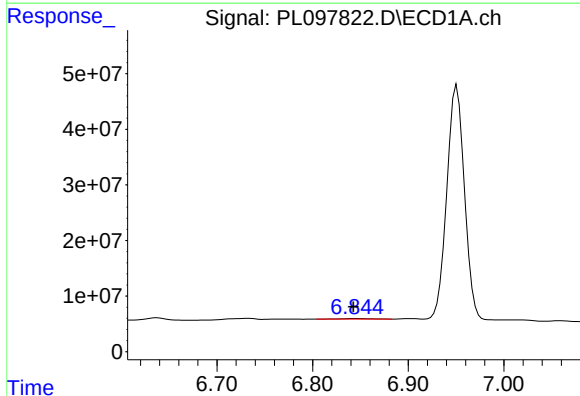
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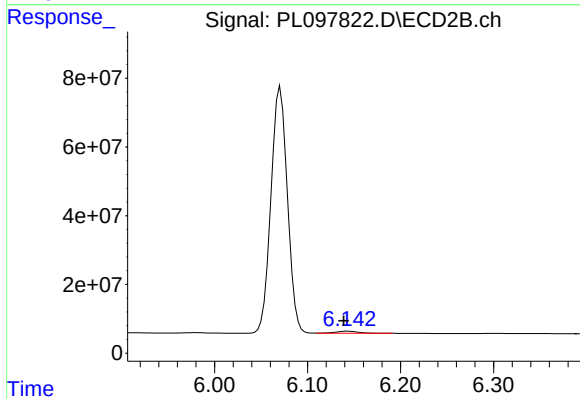
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.002 min
Response: 882276343
Conc: 115.02 ng/ml



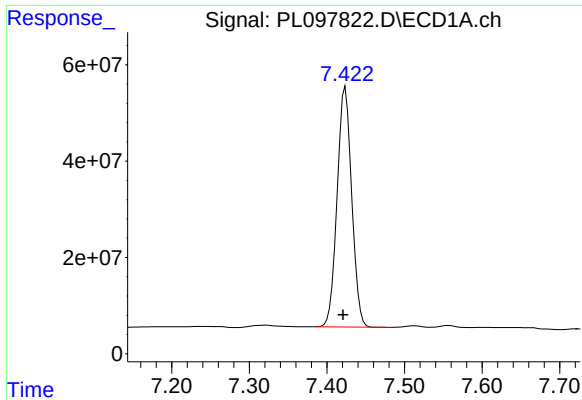
#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 2223768
Conc: 0.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 10305929
Conc: 1.61 ng/ml



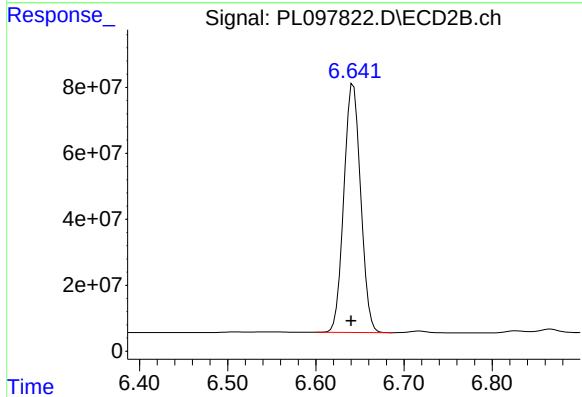
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: 0.003 min
Response: 650130112
Conc: 258.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

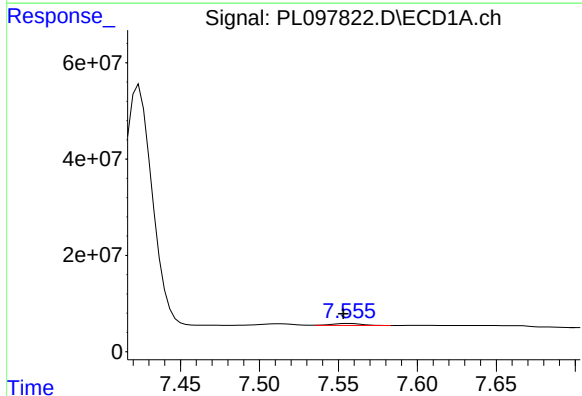
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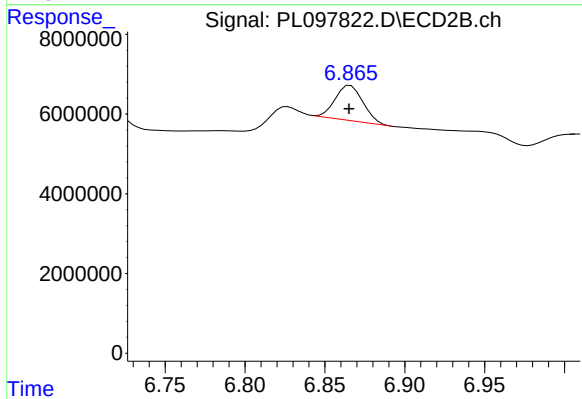
#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.003 min
Response: 997476180
Conc: 238.69 ng/ml



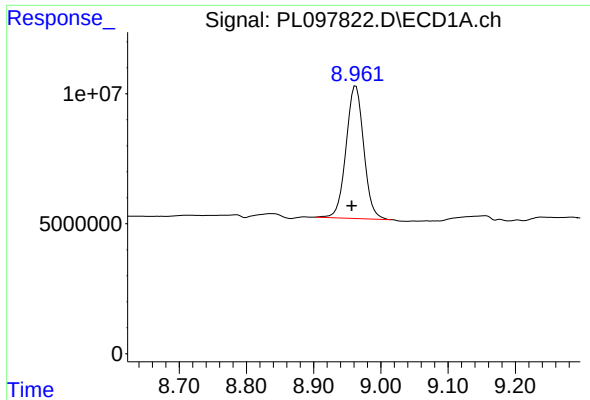
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.003 min
Response: 5376136
Conc: 1.03 ng/ml



#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 10607444
Conc: 1.19 ng/ml m



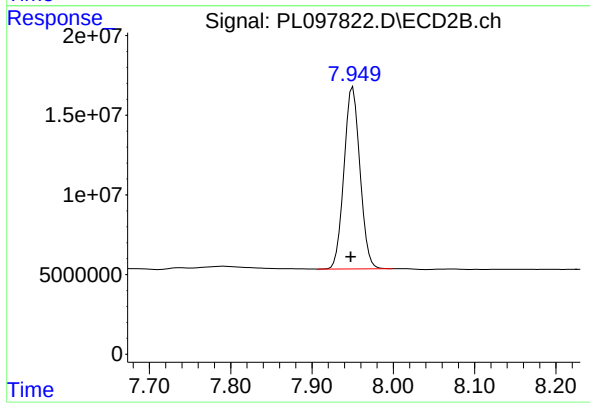
#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.006 min
Response: 92879327
Conc: 24.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.003 min
Response: 155338177
Conc: 23.62 ng/ml