

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:48:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.827	75790604	113.9E6	23.828	23.833
28)	SA Decachlor...	9.014	7.991	60249121	114.6E6	25.265	26.414
Target Compounds							
2)	A alpha-BHC	3.981	3.332	52757964	82551915	11.404	11.665
3)	MA gamma-BHC...	4.310	3.664	51794887	78537576	11.709	11.894
6)	B beta-BHC	4.496	3.960	21673168	35603938	12.008	12.621
14)	MA Endrin	6.541	5.709	186.2E6	342.1E6	61.529	63.284
16)	A 4,4'-DDD	6.672	5.855	13207262	19193945	5.224m	4.079
17)	MA 4,4'-DDT	6.988	6.108	332.4E6	591.5E6	115.899	116.943
18)	B Endrin al...	6.884	6.178	3188801	16159385	1.486m	1.130
20)	A Methoxychlor	7.461	6.680	406.6E6	744.1E6	276.909	271.527
21)	B Endrin ke...	7.596	6.903	9035793	12661054	3.005	2.273m

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

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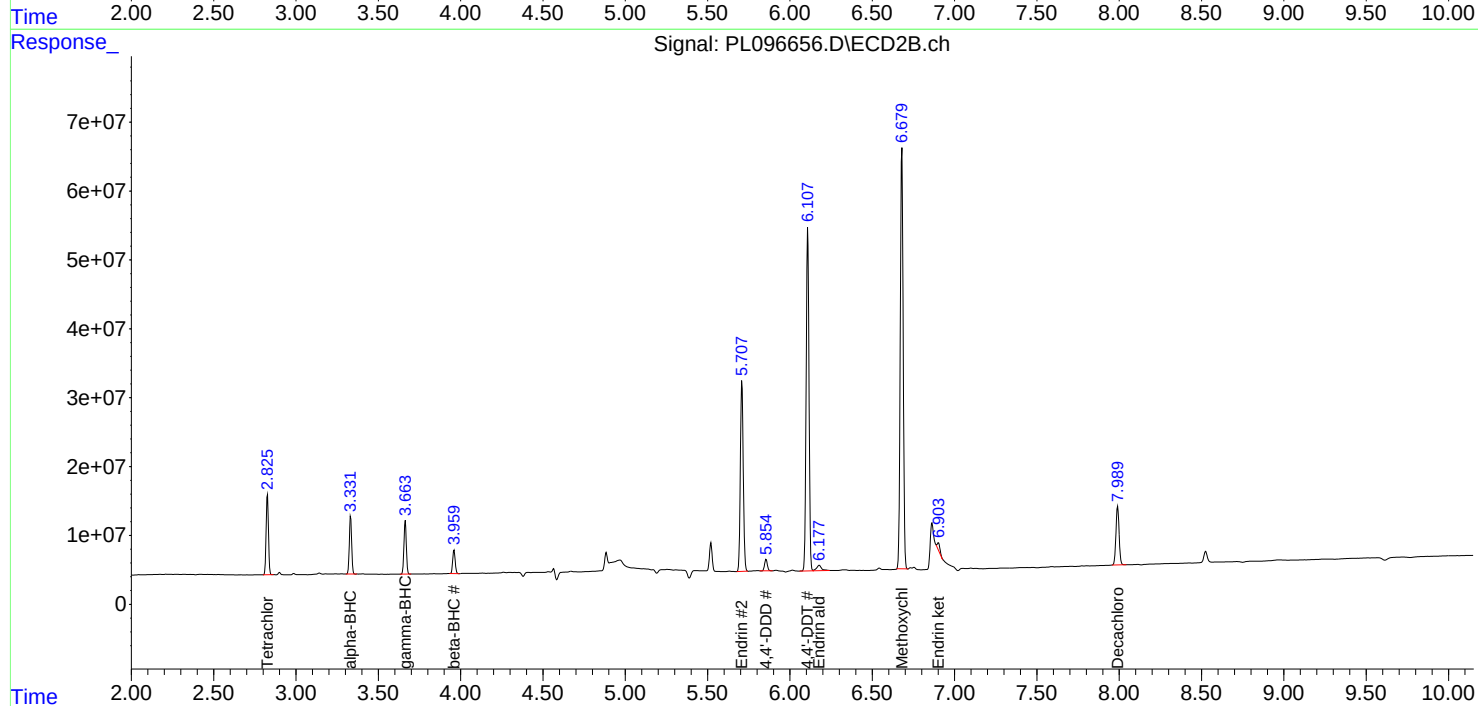
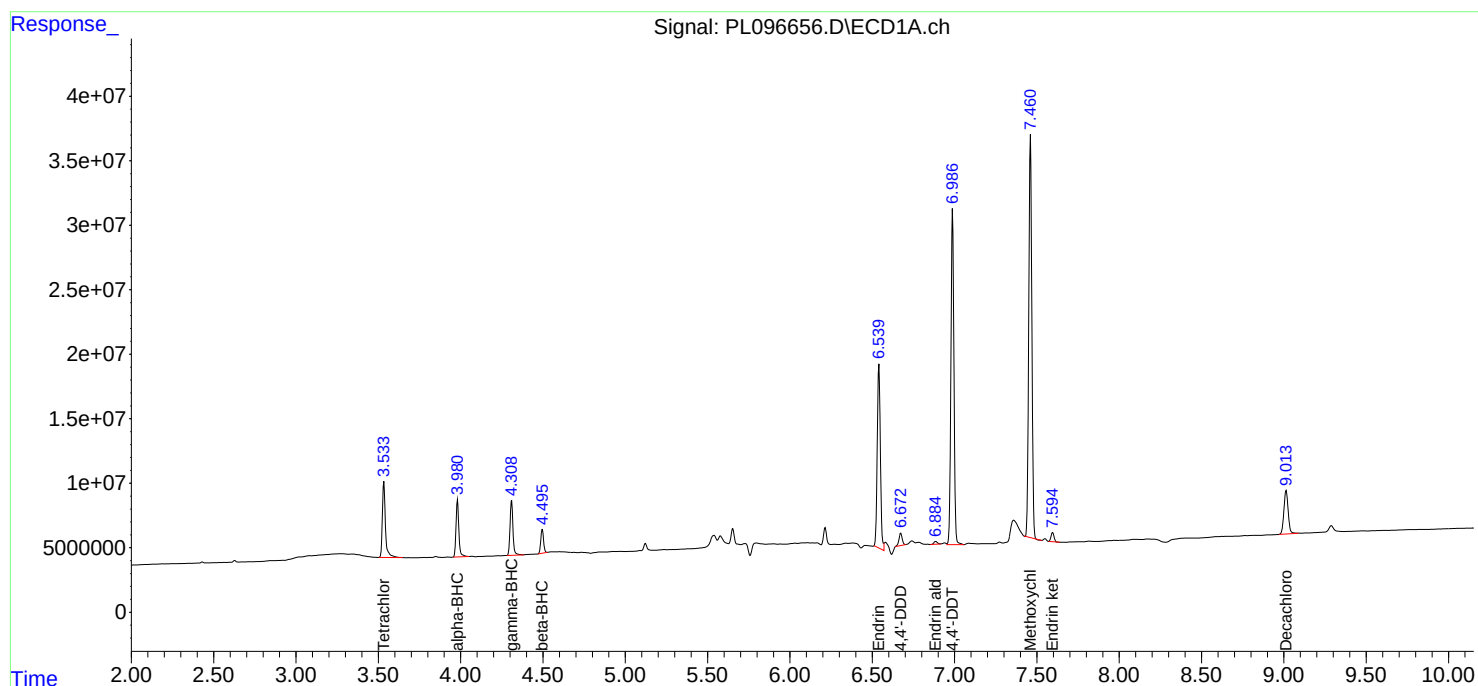
Instrument :
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PEM

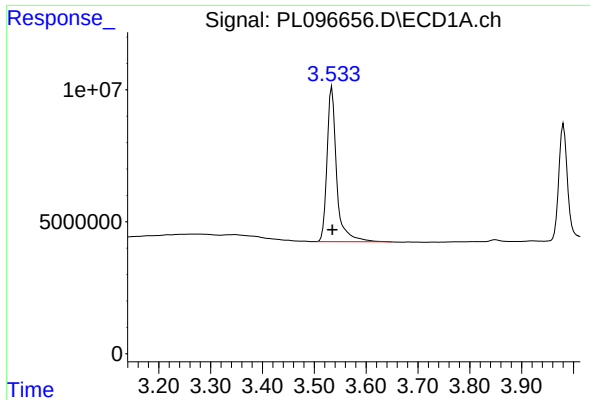
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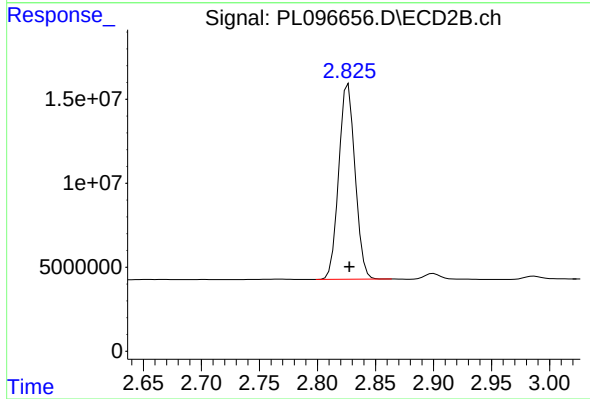
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 75790604
Conc: 23.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

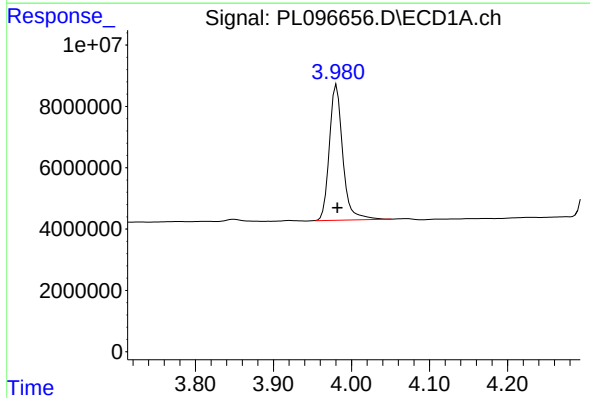
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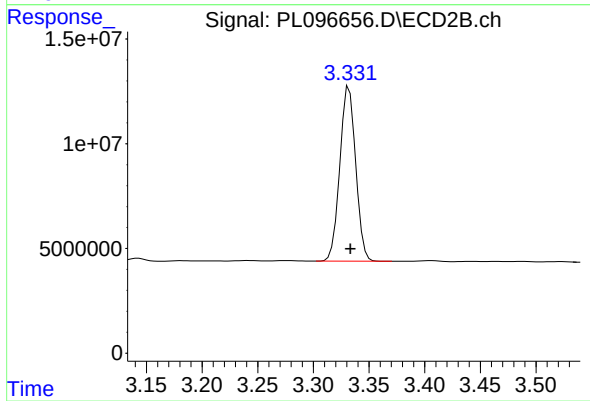
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 113869746
Conc: 23.83 ng/ml



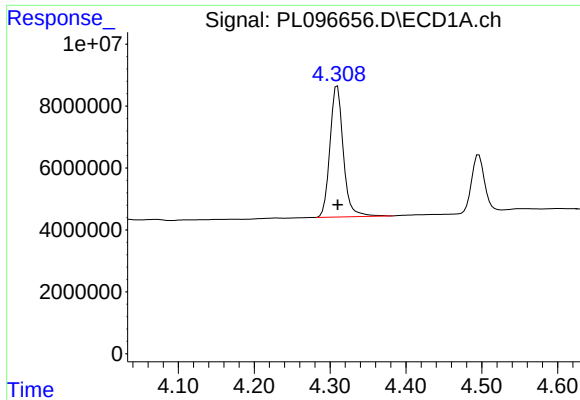
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 52757964
Conc: 11.40 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 82551915
Conc: 11.66 ng/ml



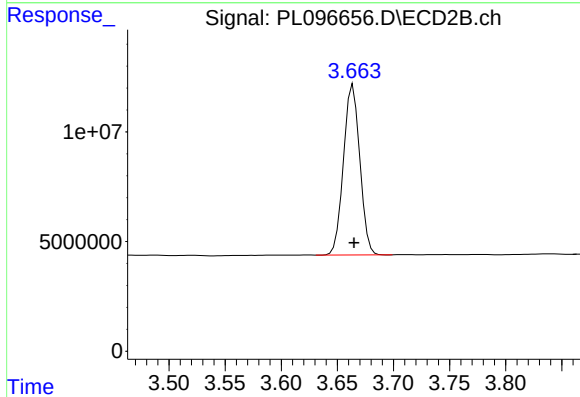
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 51794887
Conc: 11.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

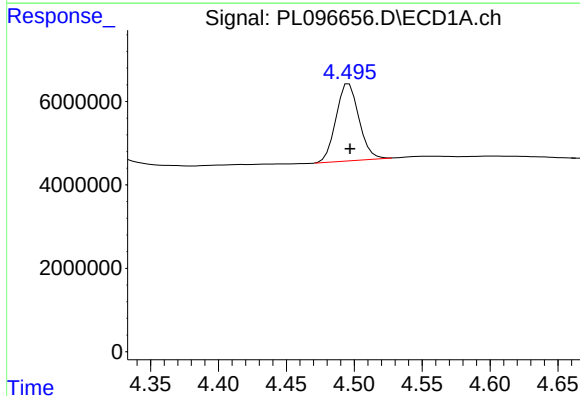
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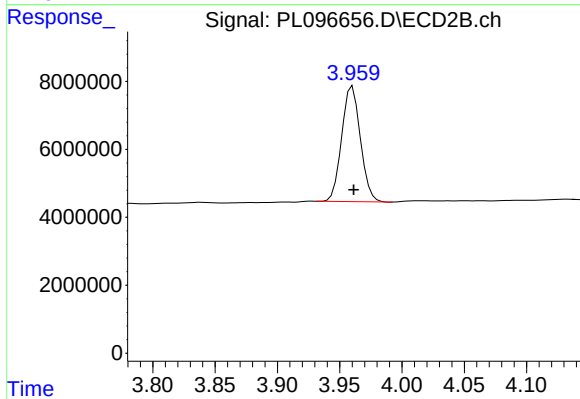
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 78537576
Conc: 11.89 ng/ml



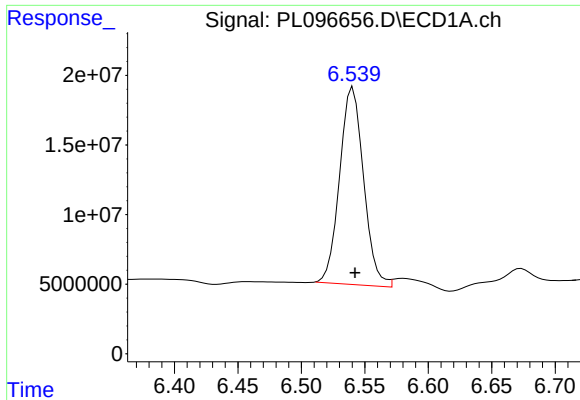
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 21673168
Conc: 12.01 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 35603938
Conc: 12.62 ng/ml



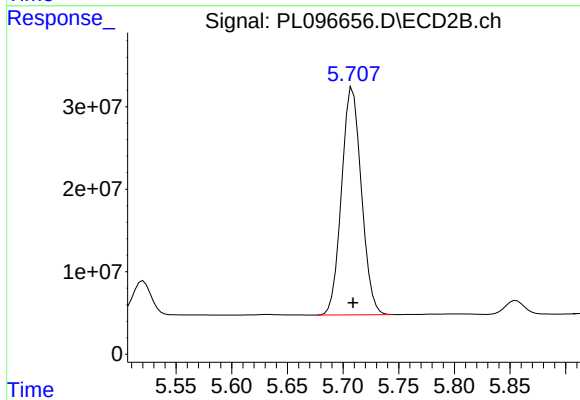
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 186234433
Conc: 61.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

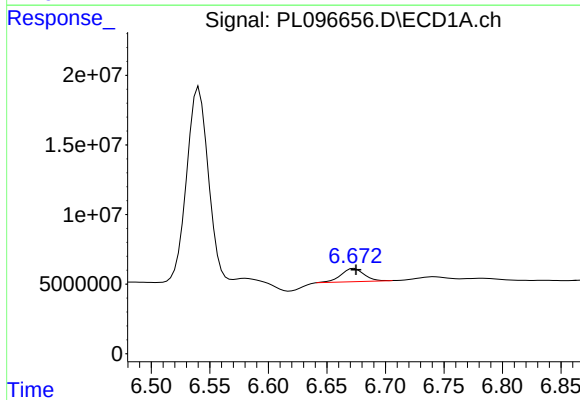
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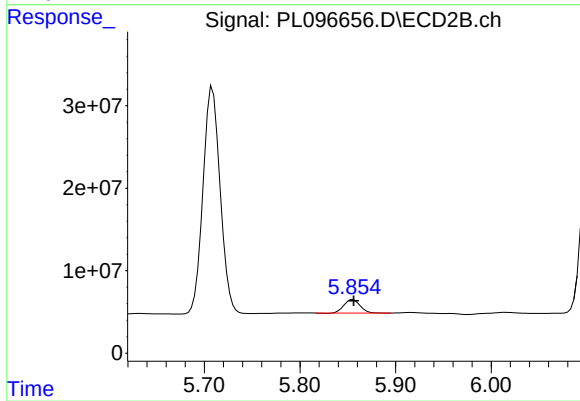
#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 342111406
Conc: 63.28 ng/ml



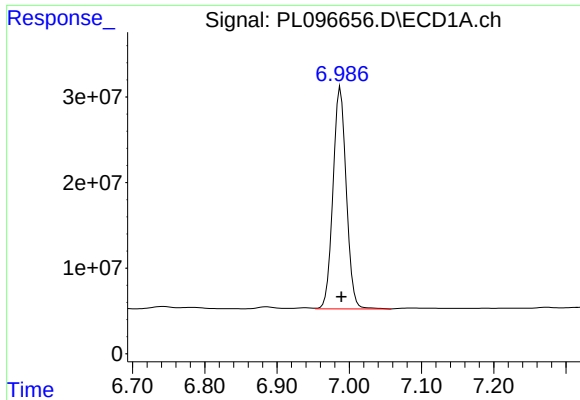
#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 13207262
Conc: 5.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 19193945
Conc: 4.08 ng/ml



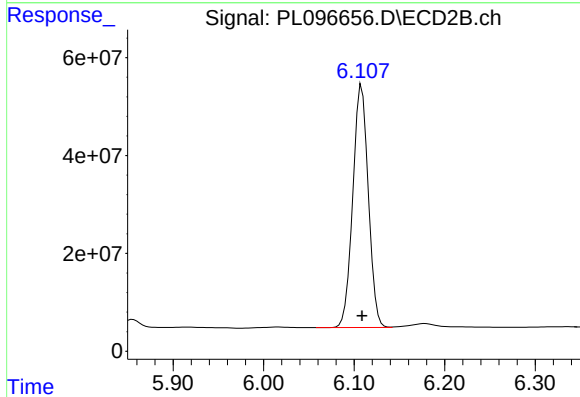
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: -0.001 min
Response: 332363097
Conc: 115.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

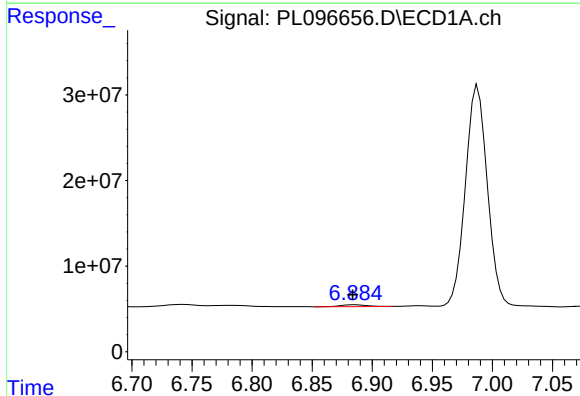
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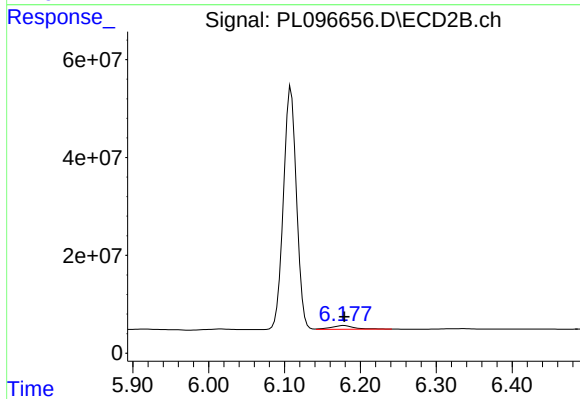
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 591530808
Conc: 116.94 ng/ml



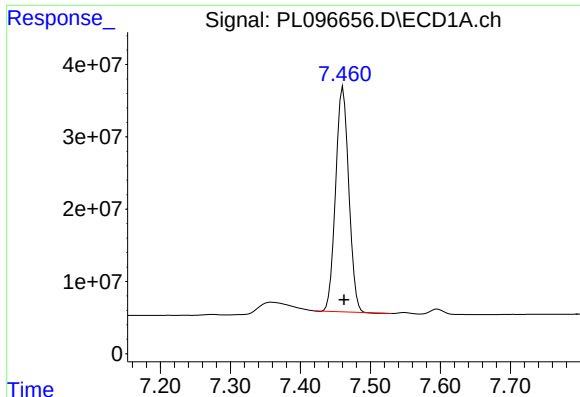
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 3188801
Conc: 1.49 ng/ml m



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 16159385
Conc: 1.13 ng/ml



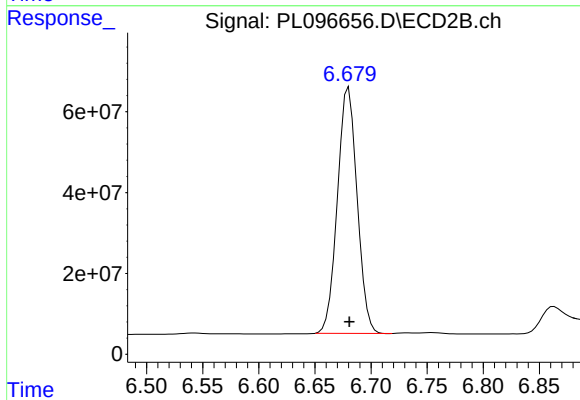
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 406600349
Conc: 276.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

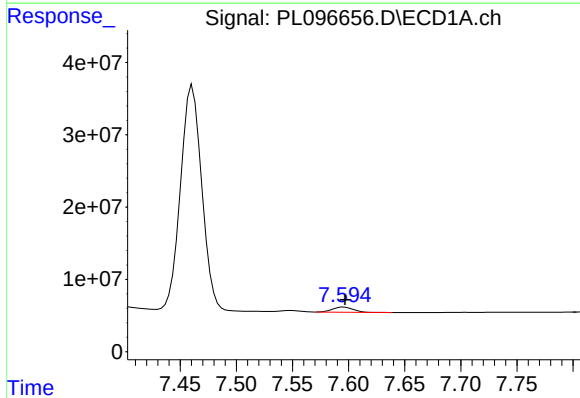
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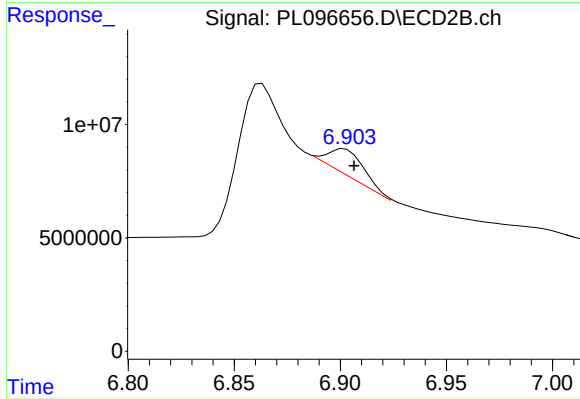
#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 744119546
Conc: 271.53 ng/ml



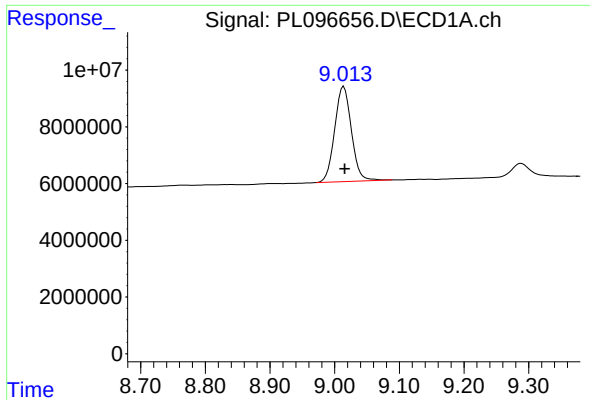
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.001 min
Response: 9035793
Conc: 3.01 ng/ml



#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 12661054
Conc: 2.27 ng/ml m



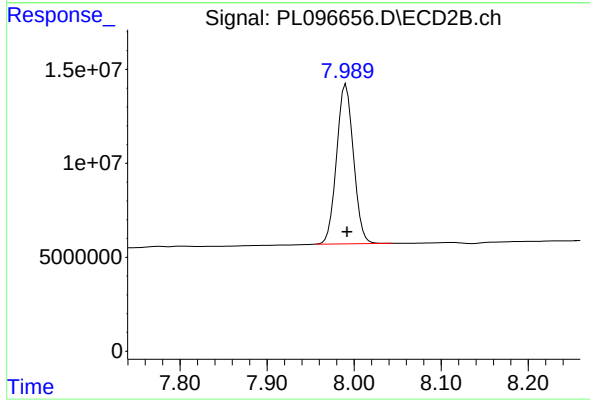
#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.002 min
Response: 60249121
Conc: 25.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 114592912
Conc: 26.41 ng/ml