

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
 Data File : PL096362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 10:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:36:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.826	92704529	118.0E6	25.406	20.453
28)	SA Decachlor...	9.021	7.994	69885380	102.1E6	24.843	20.484
Target Compounds							
2)	A alpha-BHC	3.984	3.332	65827331	85158713	12.799	10.097
3)	MA gamma-BHC...	4.312	3.664	62555126	79966929	12.562	10.153
6)	B beta-BHC	4.498	3.960	29483936	36459111	14.183	10.648
14)	MA Endrin	6.544	5.711	208.3E6	330.0E6	66.987m	54.125
16)	A 4,4'-DDD	6.676	5.857	21559730	29319356	7.405m	5.717
17)	MA 4,4'-DDT	6.992	6.110	354.5E6	546.8E6	116.796	95.351
18)	B Endrin al...	6.887	6.179	4715088	7713009	2.109m	1.731m
20)	A Methoxychlor	7.464	6.683	440.1E6	649.2E6	279.336	213.697
21)	B Endrin ke...	7.600	6.904	13781776	38837859	4.174	6.212m#

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

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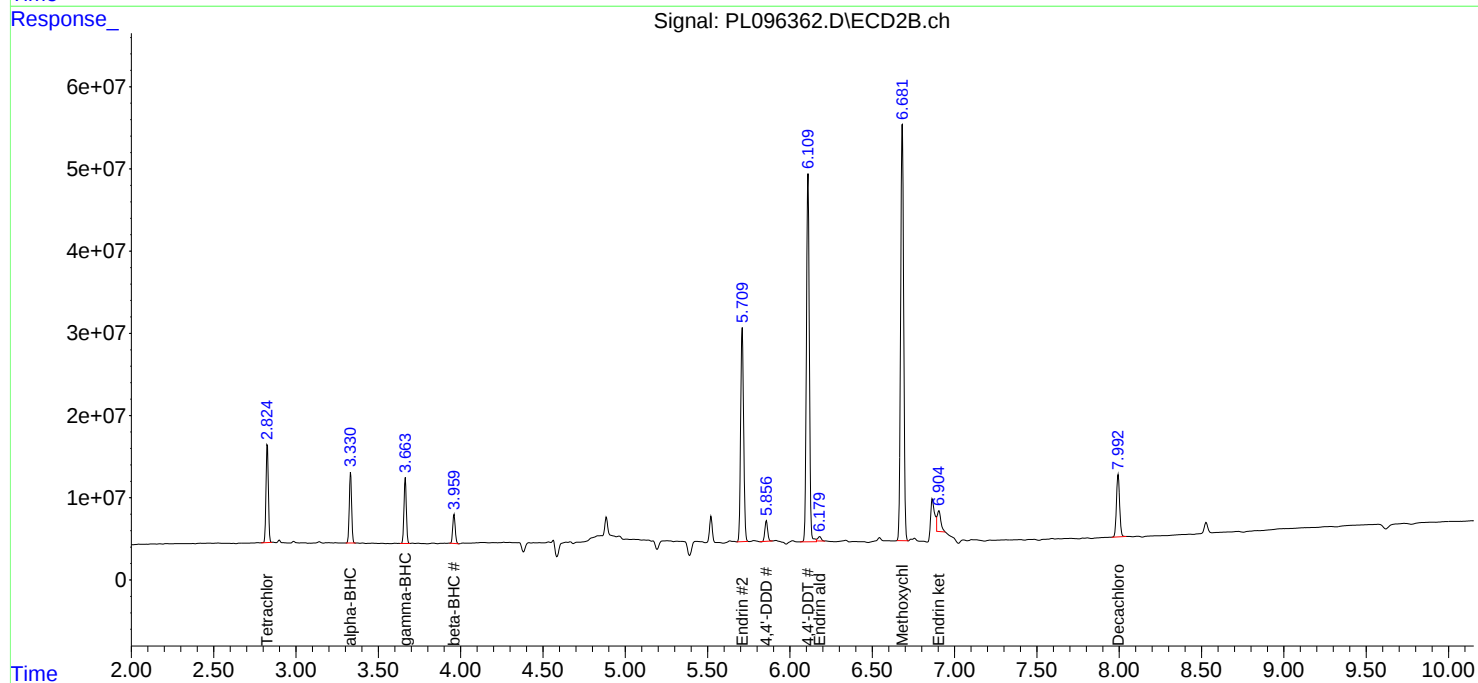
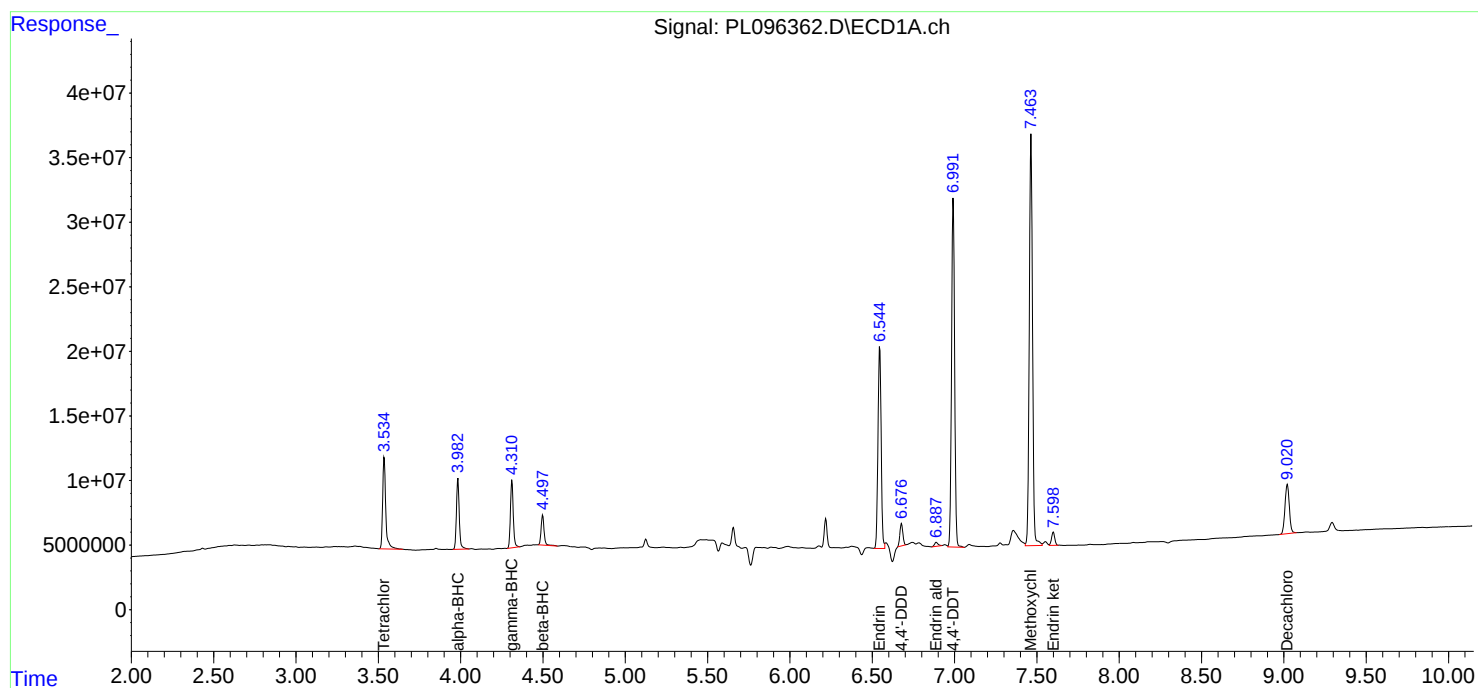
Instrument :
ECD_L
ClientSampleId :
PEM

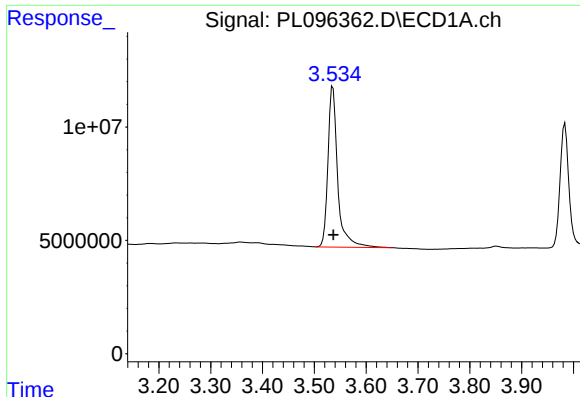
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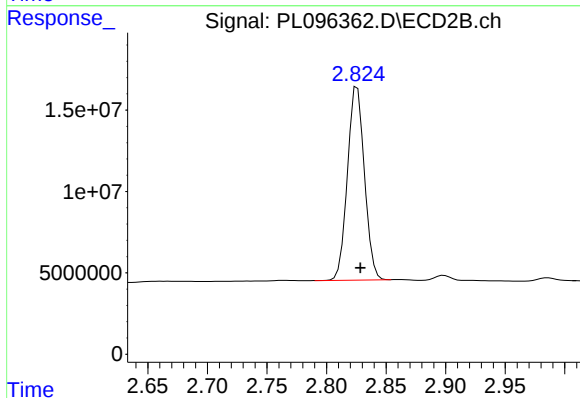
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 92704529
Conc: 25.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

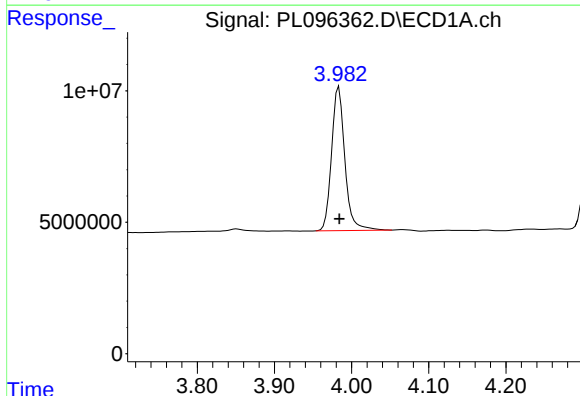
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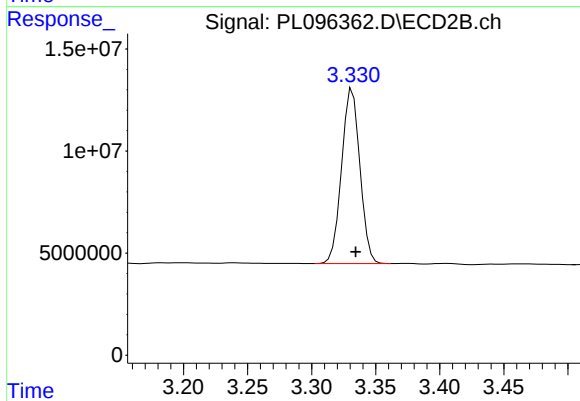
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.003 min
Response: 118037824
Conc: 20.45 ng/ml



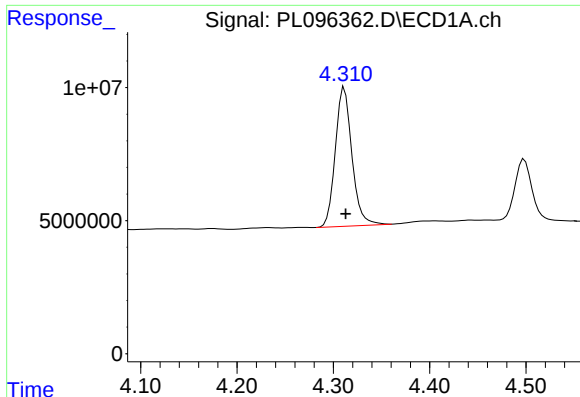
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 65827331
Conc: 12.80 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 85158713
Conc: 10.10 ng/ml



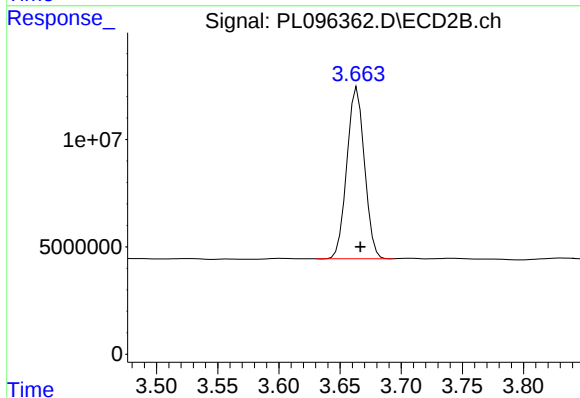
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 62555126
Conc: 12.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

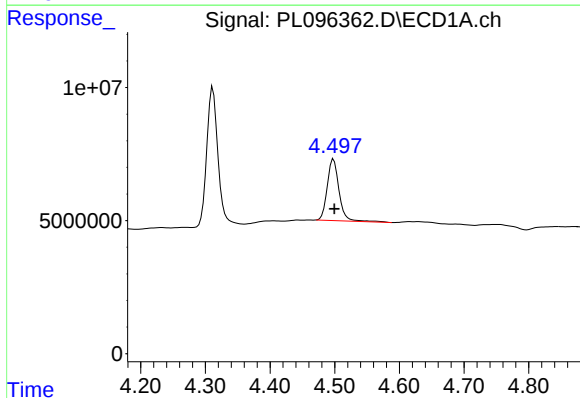
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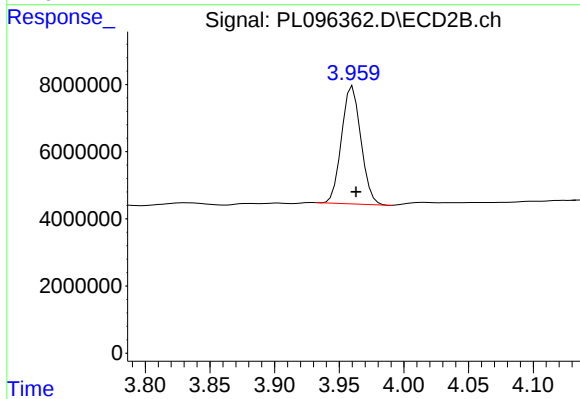
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 79966929
Conc: 10.15 ng/ml



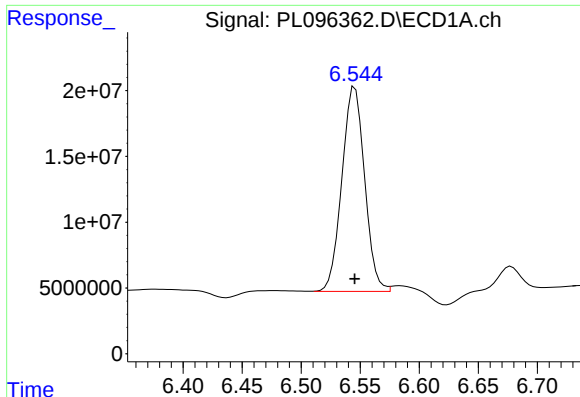
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 29483936
Conc: 14.18 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 36459111
Conc: 10.65 ng/ml



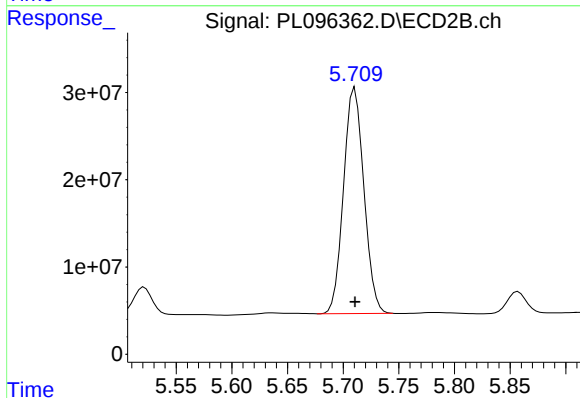
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 208344863
Conc: 66.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

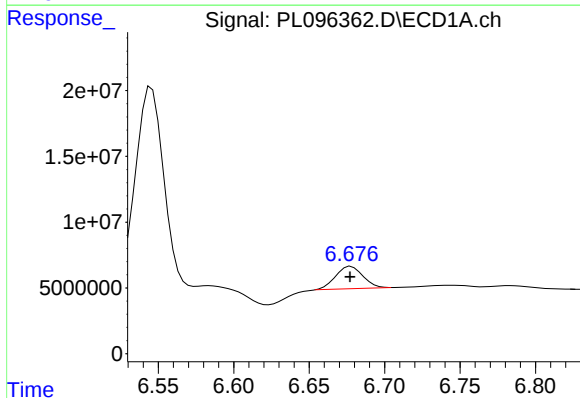
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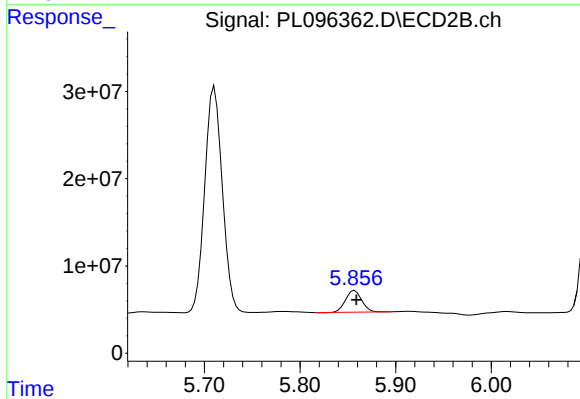
#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 329971768
Conc: 54.12 ng/ml



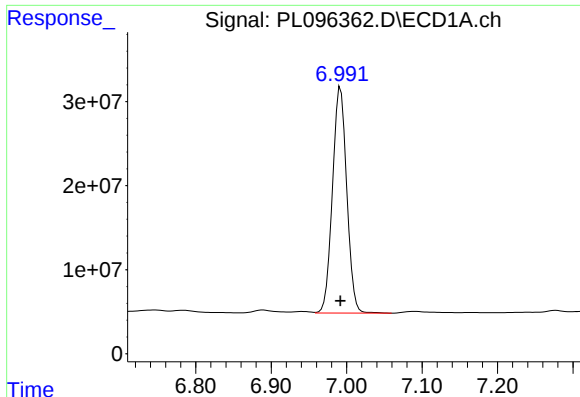
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 21559730
Conc: 7.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 29319356
Conc: 5.72 ng/ml



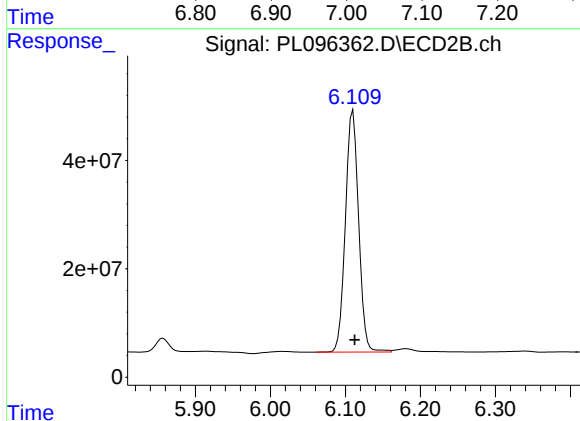
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 354500252
Conc: 116.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

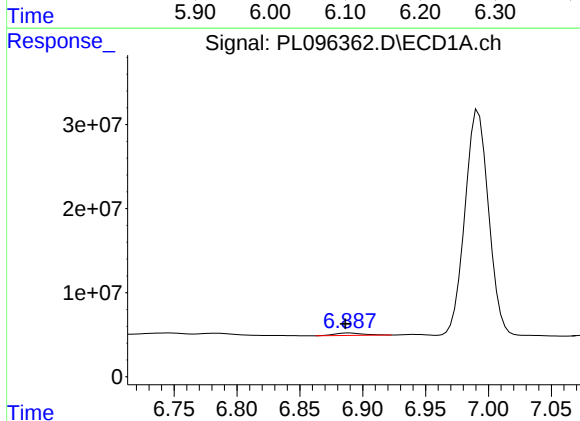
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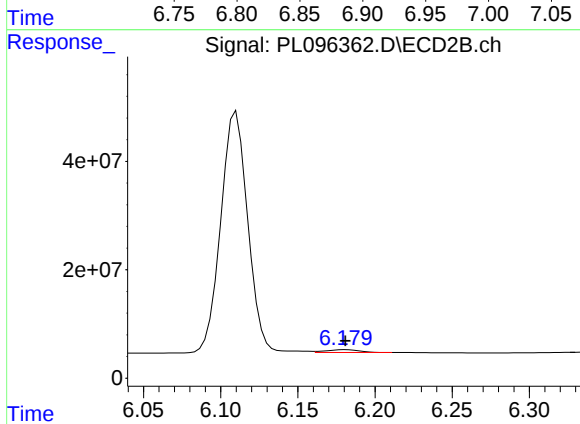
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 546849772
Conc: 95.35 ng/ml



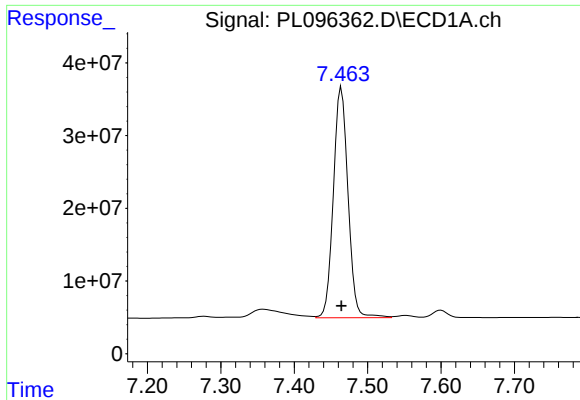
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.001 min
Response: 4715088
Conc: 2.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 7713009
Conc: 1.73 ng/ml m



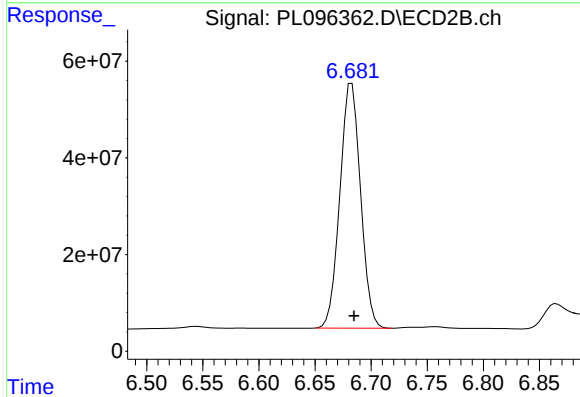
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 440065543
Conc: 279.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

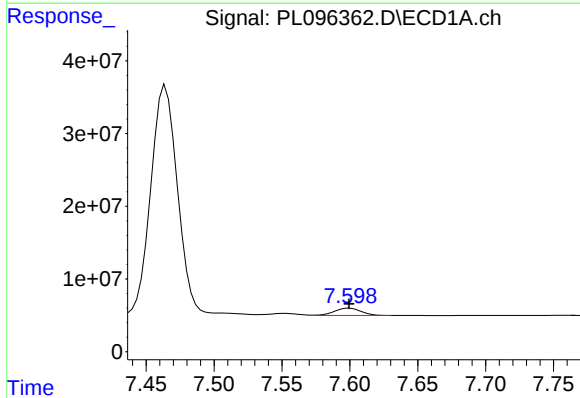
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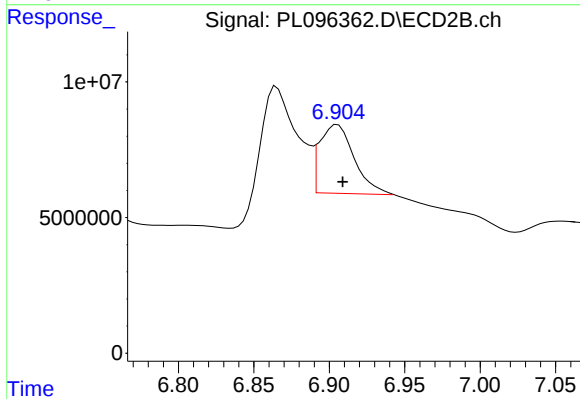
#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 649162679
Conc: 213.70 ng/ml



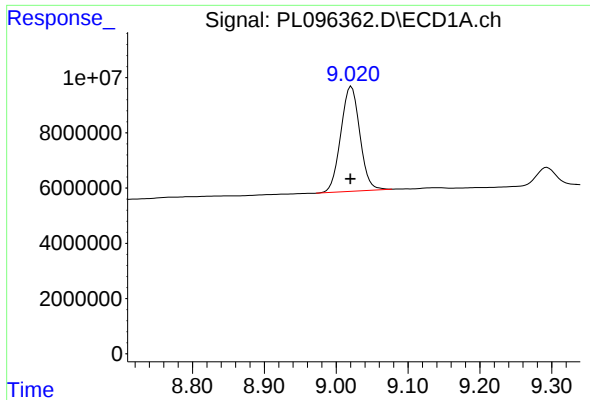
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 13781776
Conc: 4.17 ng/ml



#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.005 min
Response: 38837859
Conc: 6.21 ng/ml m



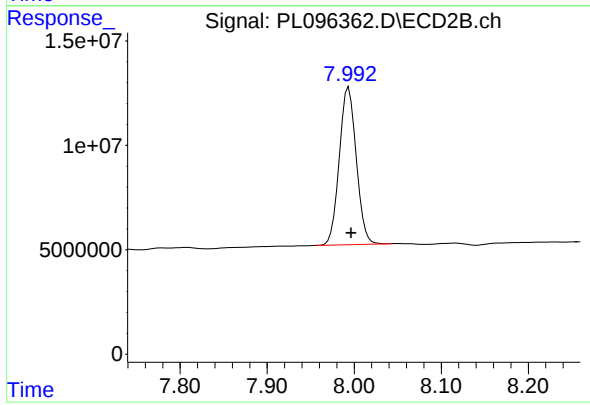
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.001 min
Response: 69885380
Conc: 24.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 102143978
Conc: 20.48 ng/ml