

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080725\
 Data File : PL096735.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 10:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/08/2025
 Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 22:39:03 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. : 2 µl
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
 Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.532	2.826	72388701	119.4E6	22.758	24.985
28)	SA Decachlor...	9.009	7.988	54118090	103.3E6	22.694	23.804
Target Compounds							
2)	A alpha-BHC	3.979	3.331	51605306	85942571	11.155	12.144
3)	MA gamma-BHC...	4.307	3.663	50294176	81816302	11.370	12.390
6)	B beta-BHC	4.494	3.960	23346630	37286438	12.935	13.218
14)	MA Endrin	6.538	5.706	167.1E6	322.5E6	55.205	59.660
16)	A 4,4'-DDD	6.670	5.852	4928901	7466853	1.949m	1.587m
17)	MA 4,4'-DDT	6.986	6.106	314.2E6	613.5E6	109.568	121.282
18)	B Endrin al...	6.883	6.175	2058579	19548280	0.959m	2.107 #
20)	A Methoxychlor	7.458	6.677	385.1E6	722.4E6	262.245	263.596m
21)	B Endrin ke...	7.591	6.901	5302254	8412718	1.763m	1.510m

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

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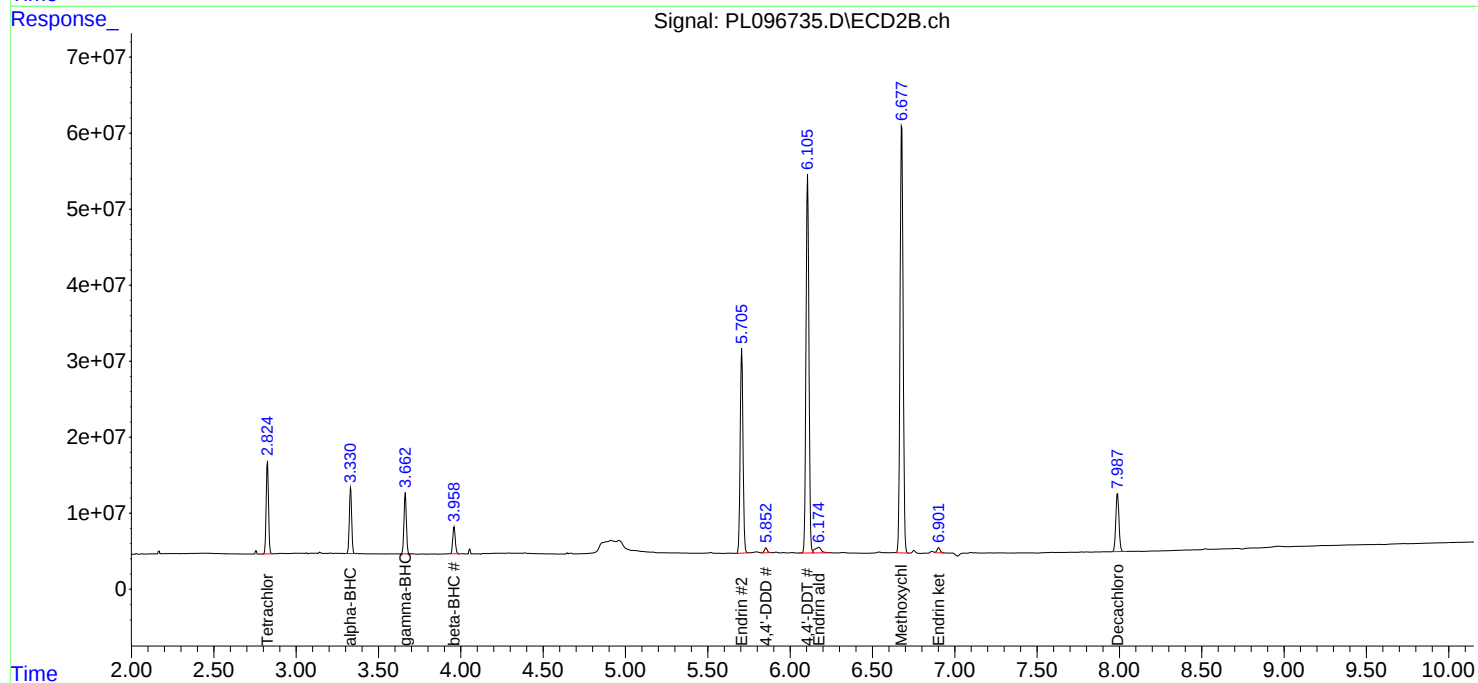
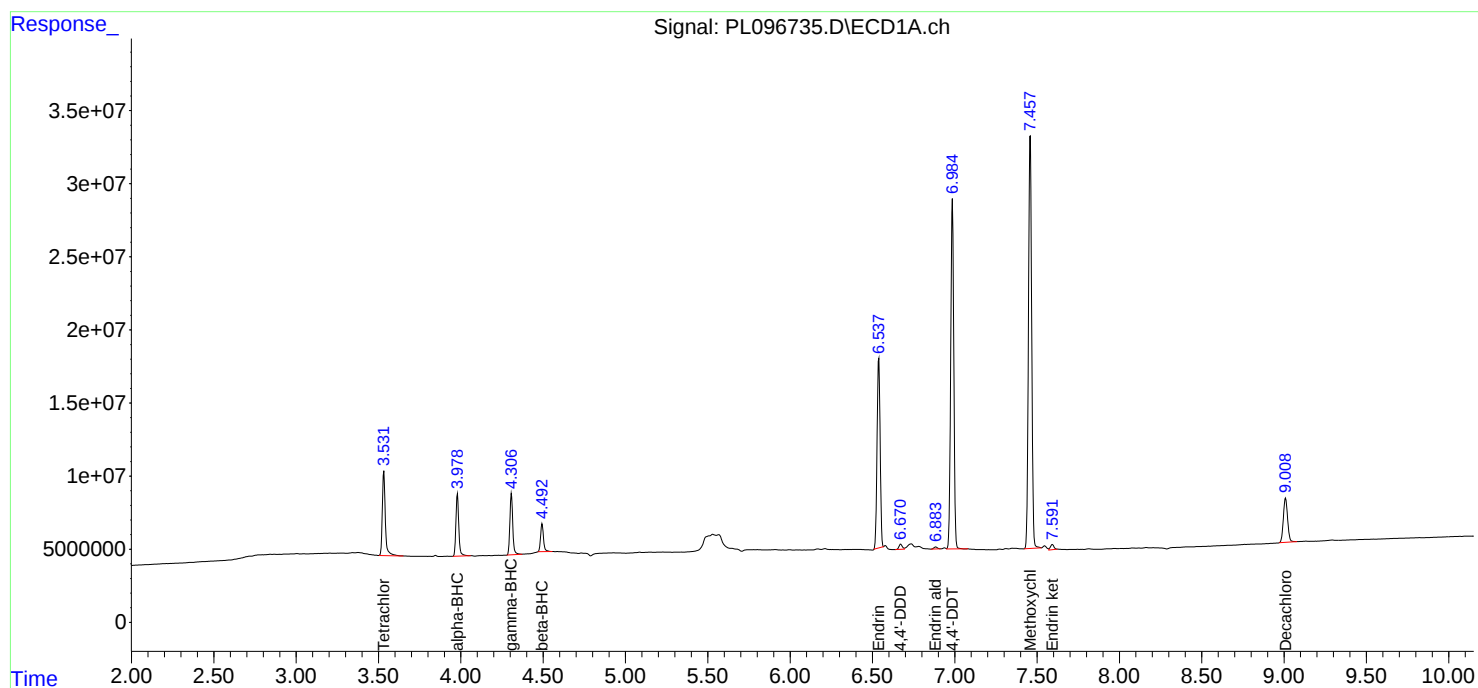
Instrument :
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ClientSampleId :
PEM

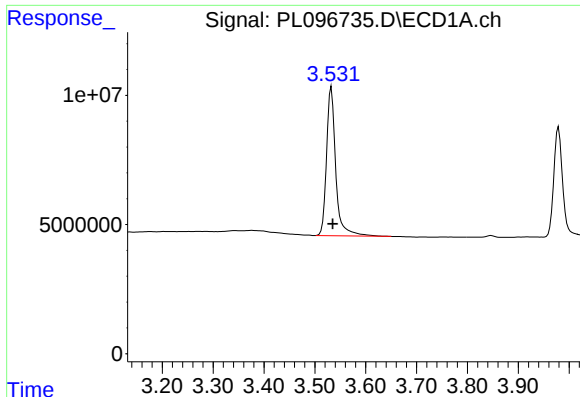
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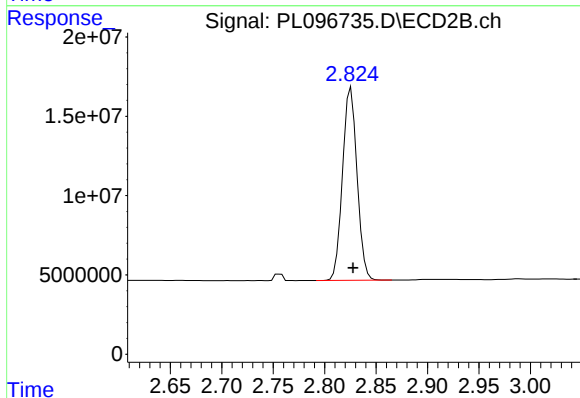
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 72388701
Conc: 22.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

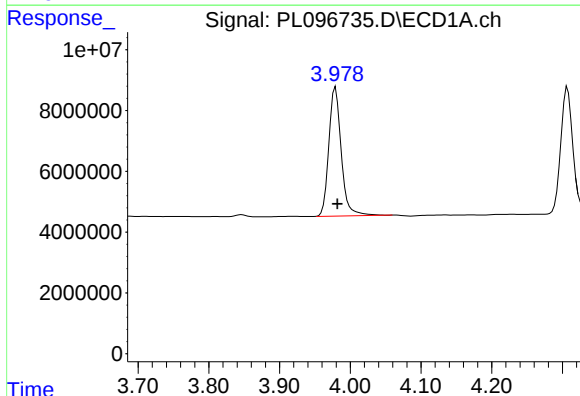
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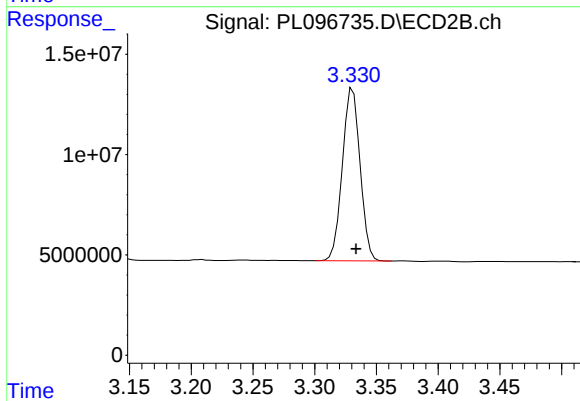
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 119374799
Conc: 24.99 ng/ml



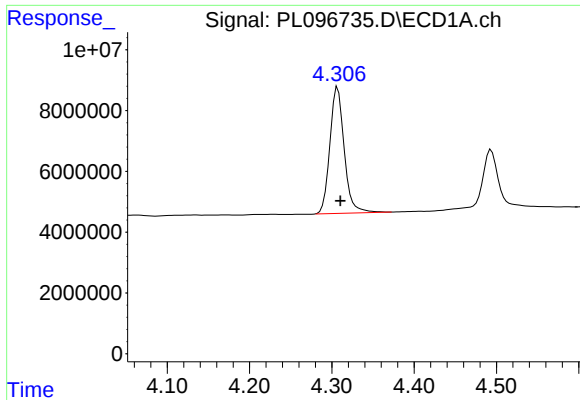
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 51605306
Conc: 11.15 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 85942571
Conc: 12.14 ng/ml



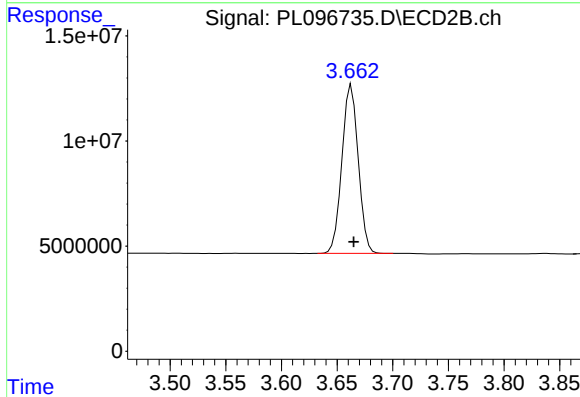
#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 50294176
Conc: 11.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

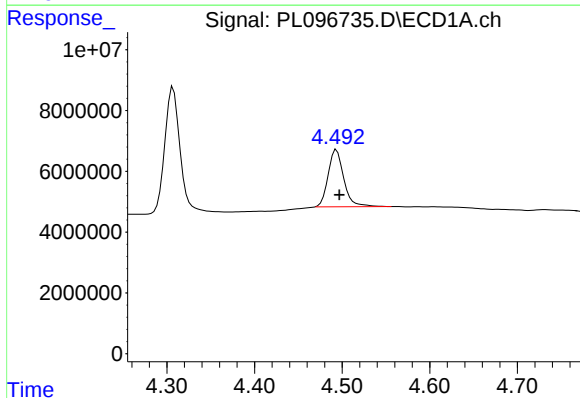
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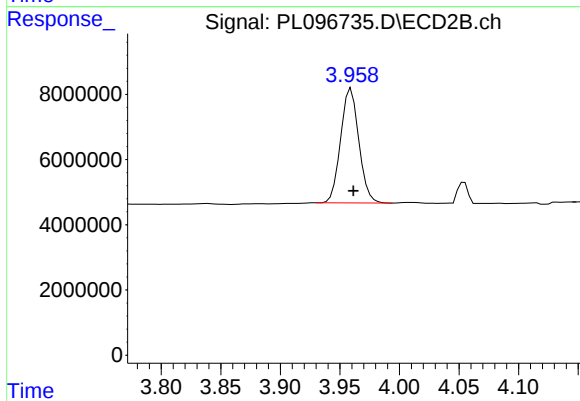
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 81816302
Conc: 12.39 ng/ml



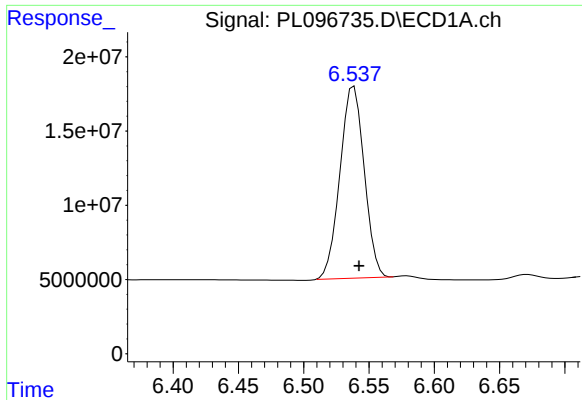
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 23346630
Conc: 12.93 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 37286438
Conc: 13.22 ng/ml



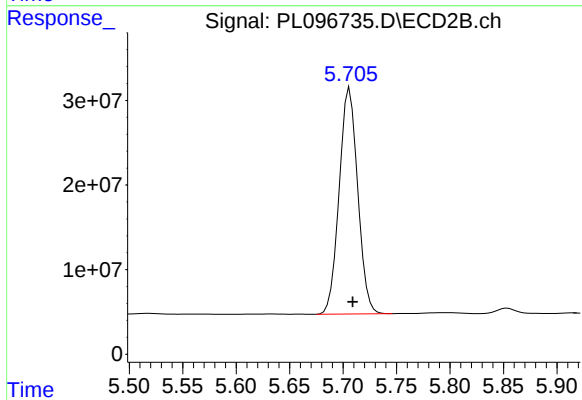
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 167092762
Conc: 55.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

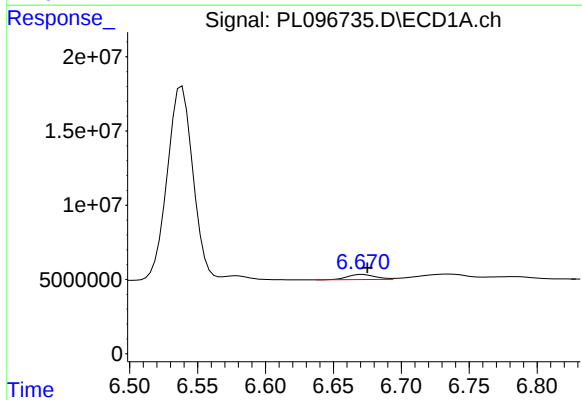
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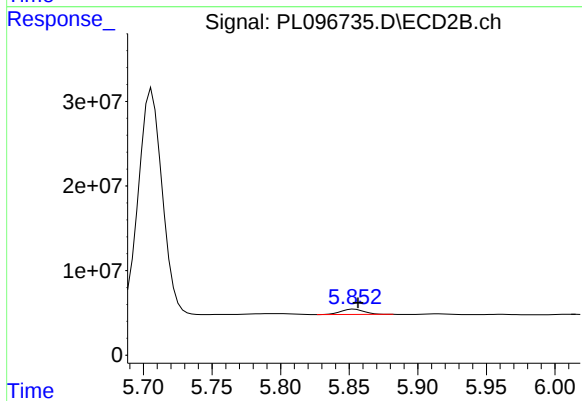
#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 322518829
Conc: 59.66 ng/ml



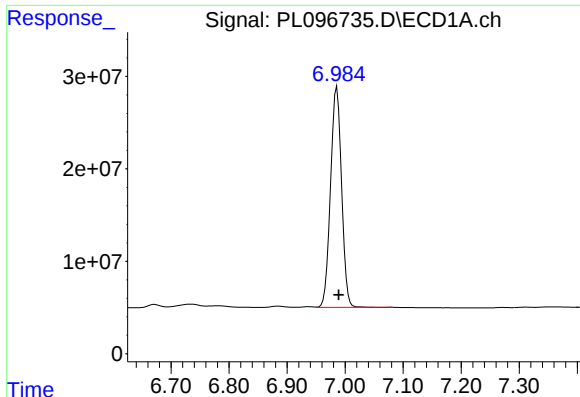
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: -0.005 min
Response: 4928901
Conc: 1.95 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 7466853
Conc: 1.59 ng/ml m



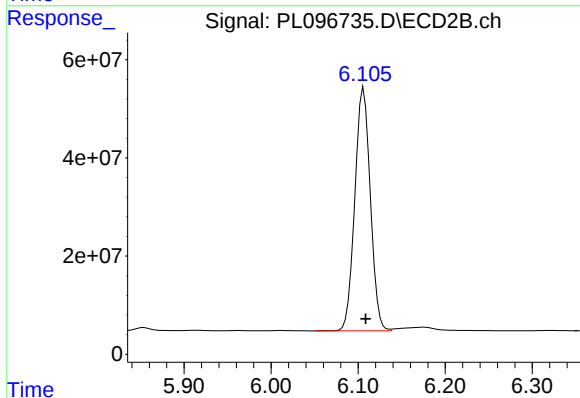
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 314207700
Conc: 109.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

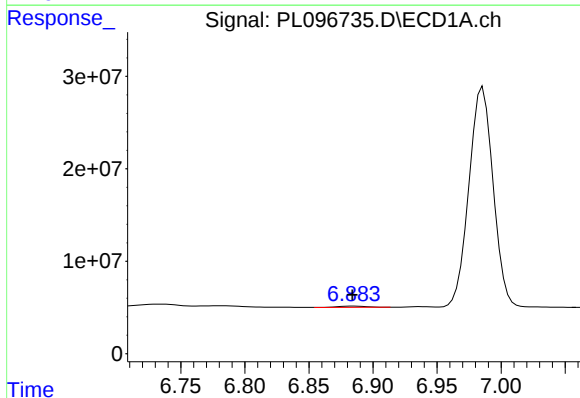
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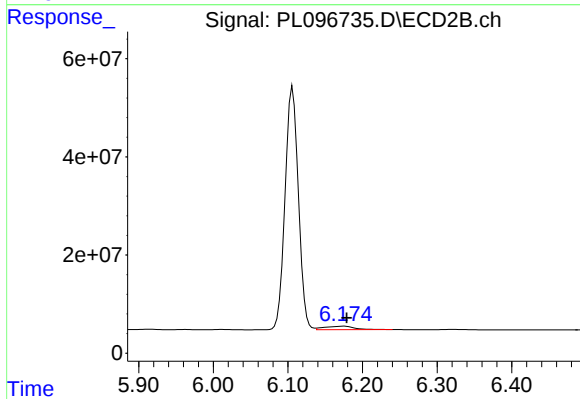
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 613482900
Conc: 121.28 ng/ml



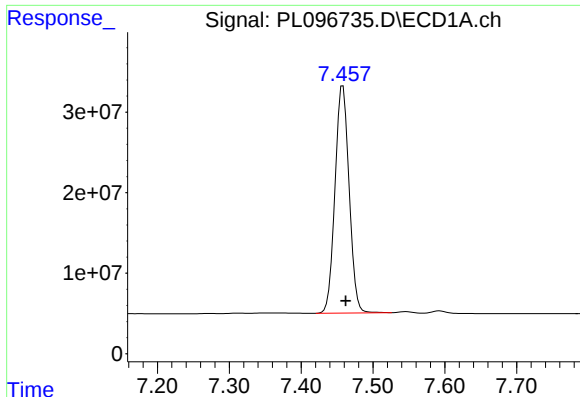
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 2058579
Conc: 0.96 ng/ml m



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 19548280
Conc: 2.11 ng/ml



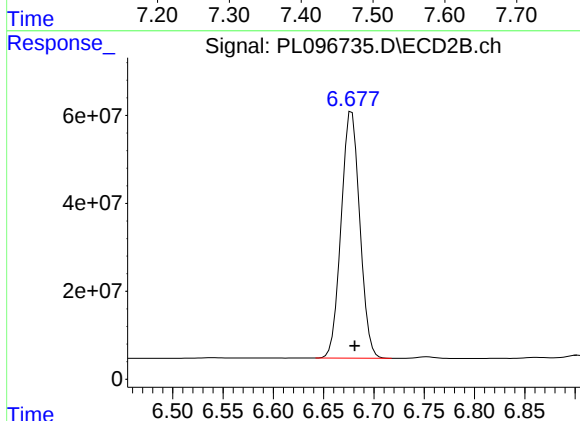
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 385068074
Conc: 262.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

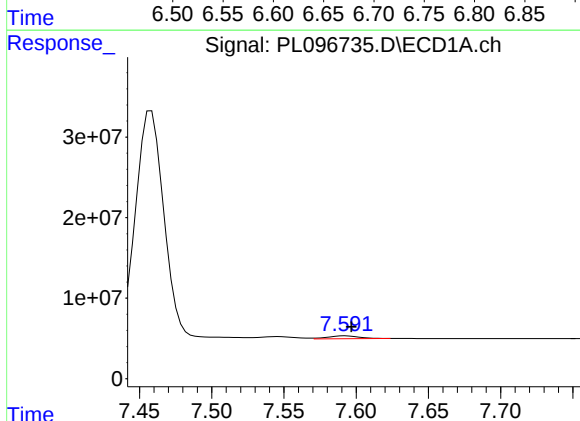
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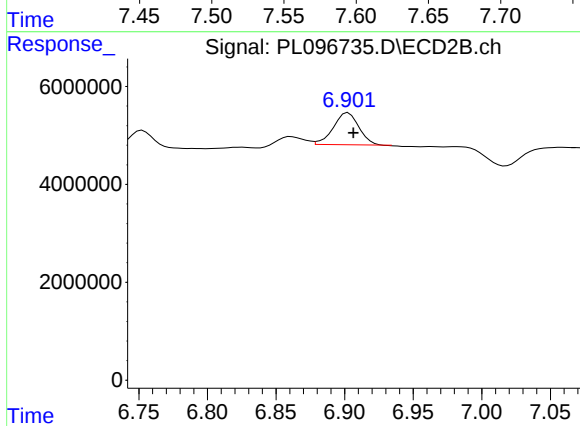
#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 722384313
Conc: 263.60 ng/ml m



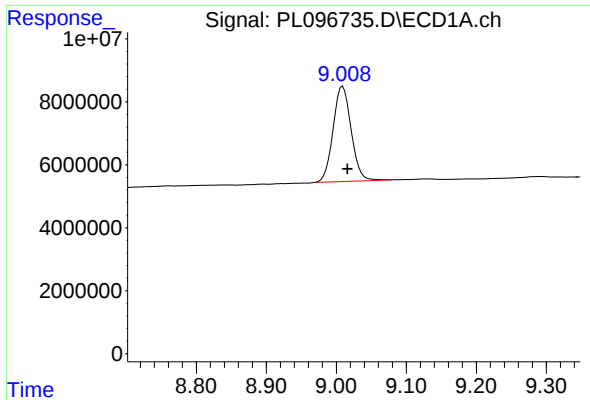
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.005 min
Response: 5302254
Conc: 1.76 ng/ml m



#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.005 min
Response: 8412718
Conc: 1.51 ng/ml m



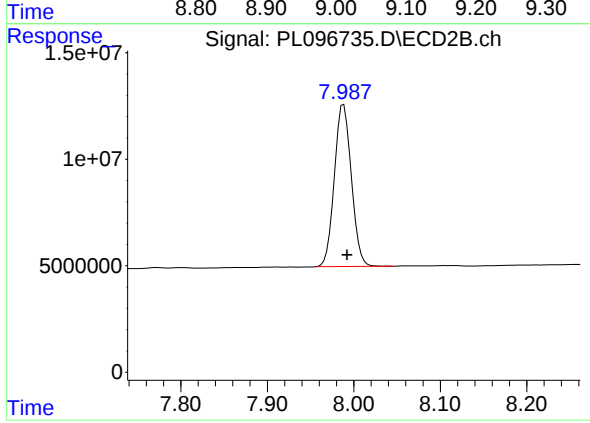
#28 Decachlorobiphenyl

R.T.: 9.009 min
Delta R.T.: -0.007 min
Response: 54118090
Conc: 22.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 103267854
Conc: 23.80 ng/ml