

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052125\
 Data File : PL095733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2025 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/22/2025
 Supervised By :mohammad ahmed 05/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 06:31:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.573	2.886	64039504	78171856	20.296	19.973
28)	SA Decachlor...	9.103	8.063	51250615	91261143	21.750	20.862
Target Compounds							
2)	A alpha-BHC	4.025	3.396	47867188	56433599	9.874	9.635
3)	MA gamma-BHC...	4.356	3.730	45268364	54712345	10.123	9.768
6)	B beta-BHC	4.544	4.024	20364485	24808902	10.330	10.013m
14)	MA Endrin	6.602	5.782	166.2E6	250.4E6	51.507	51.354
16)	A 4,4'-DDD	6.734	5.926	670836	1092308	0.229m	0.249m
17)	MA 4,4'-DDT	7.049	6.179	266.1E6	505.0E6	98.362	105.592
18)	B Endrin al...	6.959	6.254	311327	2401095	0.129m	0.695m#
20)	A Methoxychlor	7.523	6.750	317.7E6	608.7E6	249.137	232.677
21)	B Endrin ke...	7.659	6.979	1010906	2346840	0.319m	0.454m#

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

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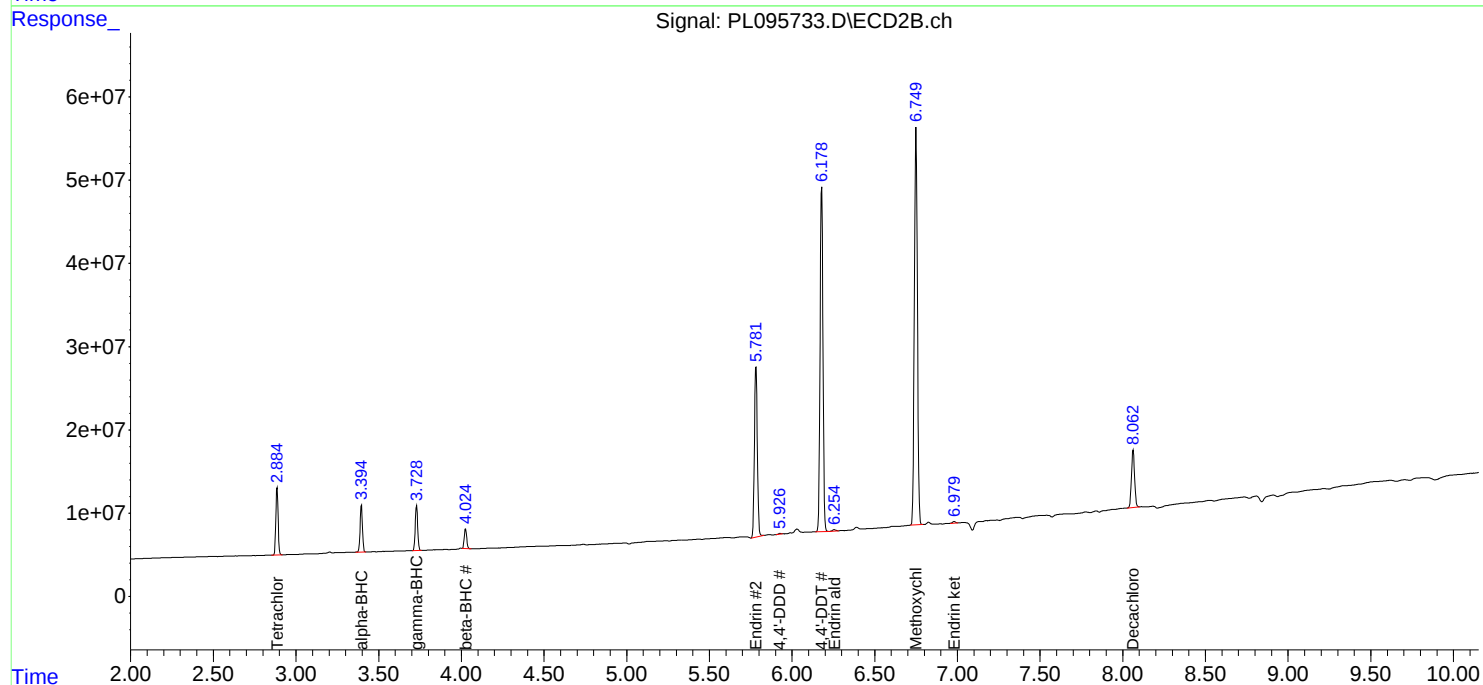
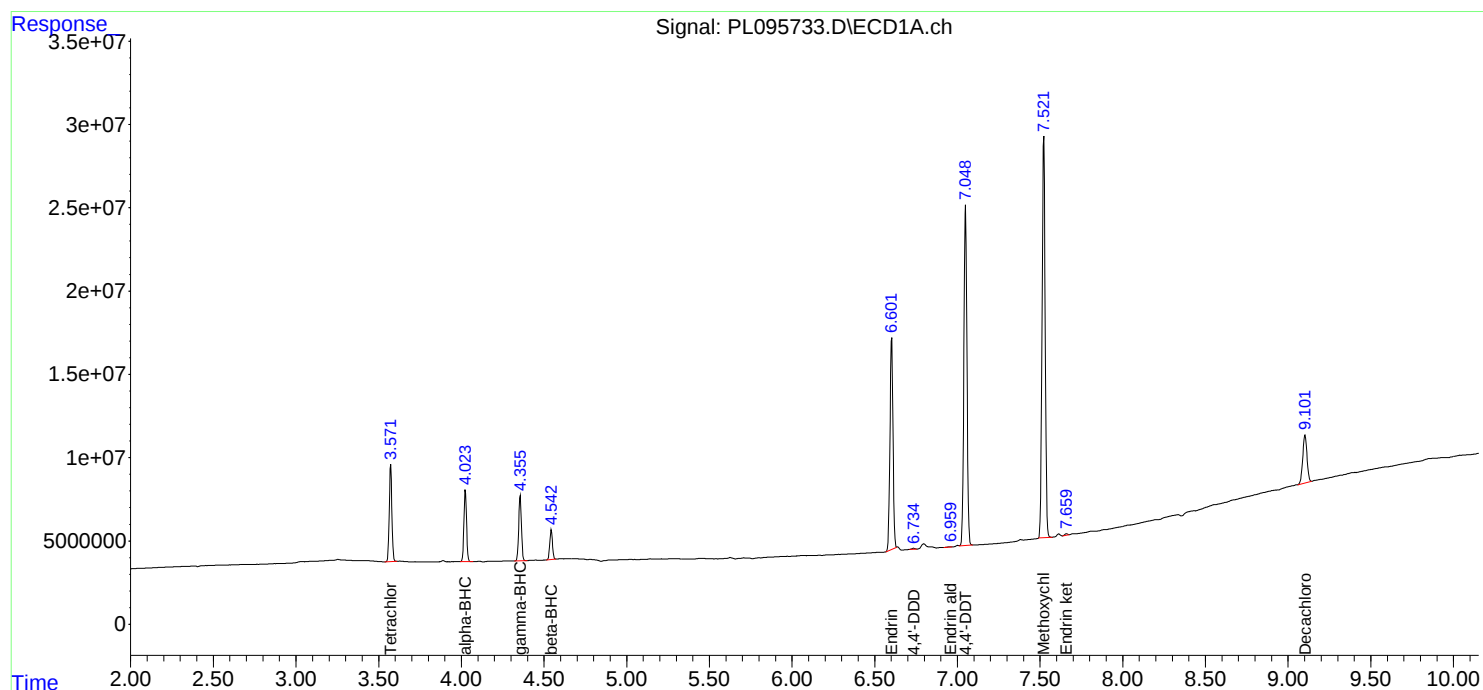
Instrument :
ECD_L
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PEM

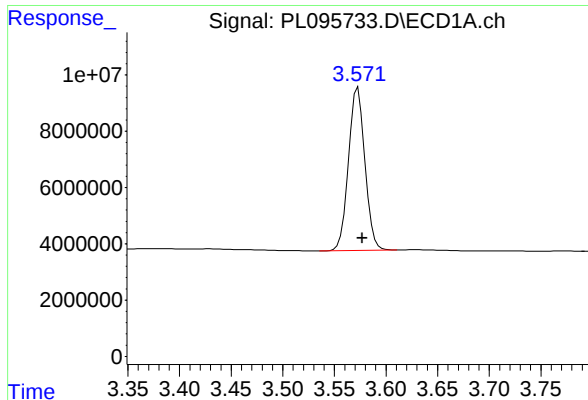
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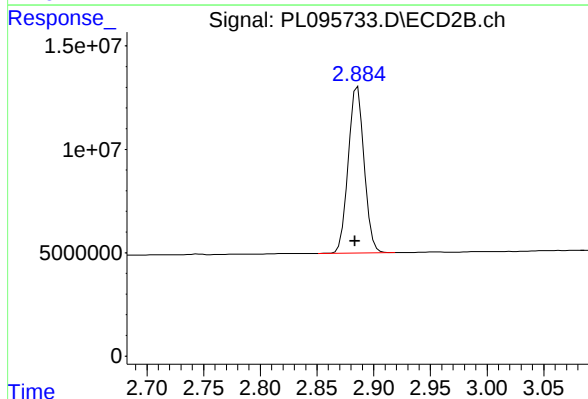
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.004 min
Response: 64039504
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

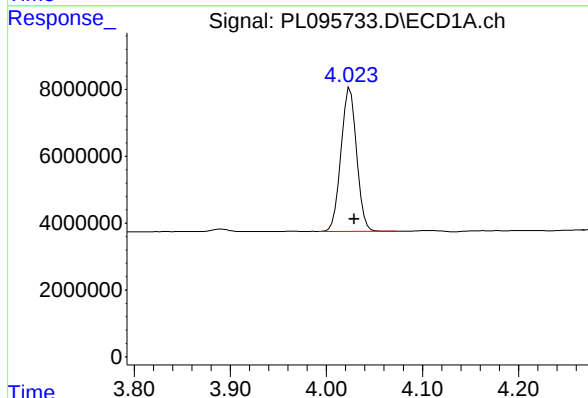
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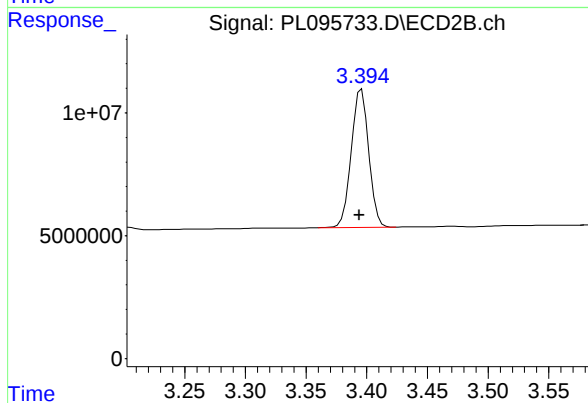
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 78171856
Conc: 19.97 ng/ml



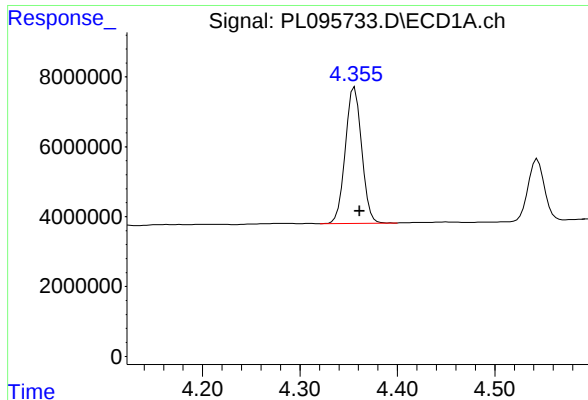
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.005 min
Response: 47867188
Conc: 9.87 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.002 min
Response: 56433599
Conc: 9.63 ng/ml



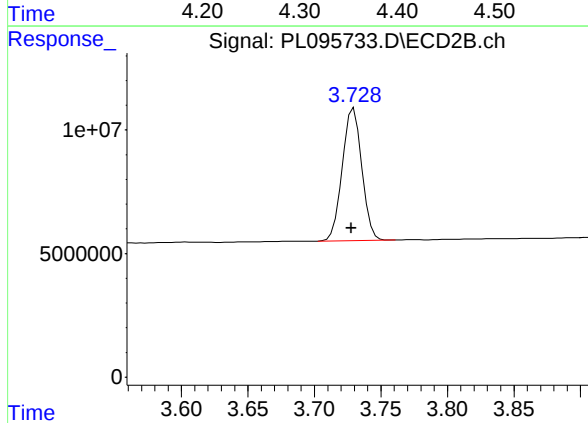
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 45268364
Conc: 10.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

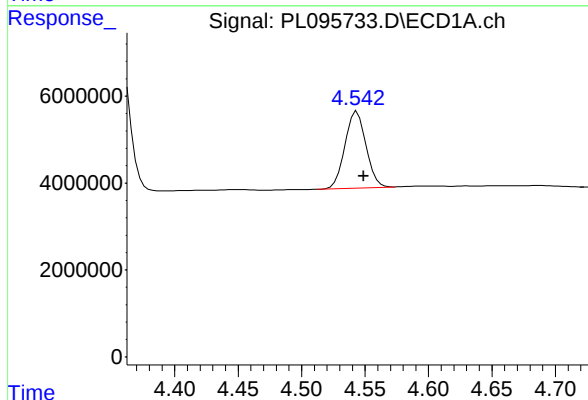
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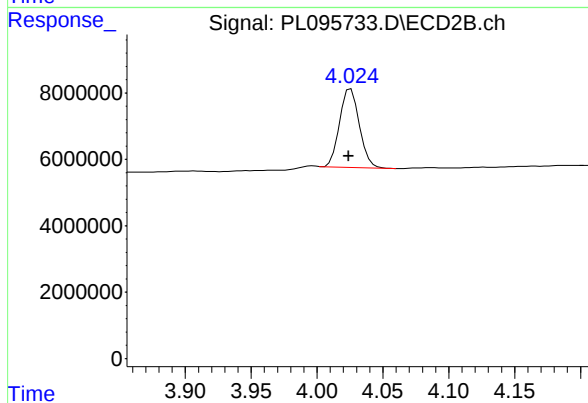
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.002 min
Response: 54712345
Conc: 9.77 ng/ml



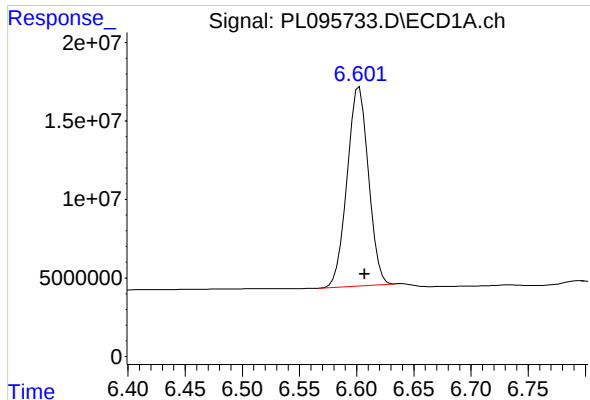
#6 beta-BHC

R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 20364485
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 24808902
Conc: 10.01 ng/ml m



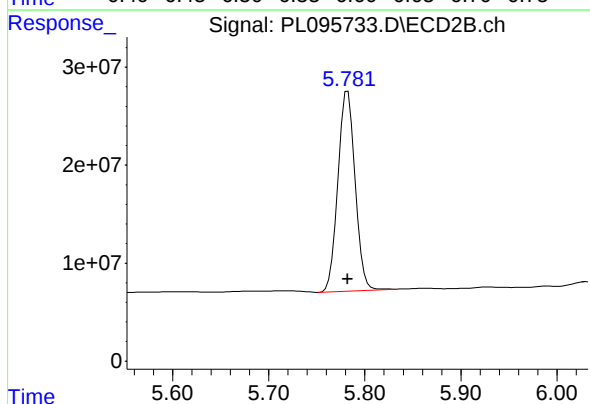
#14 Endrin

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 166199539
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

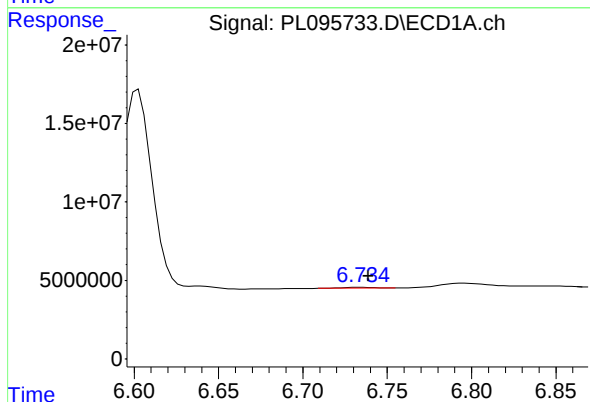
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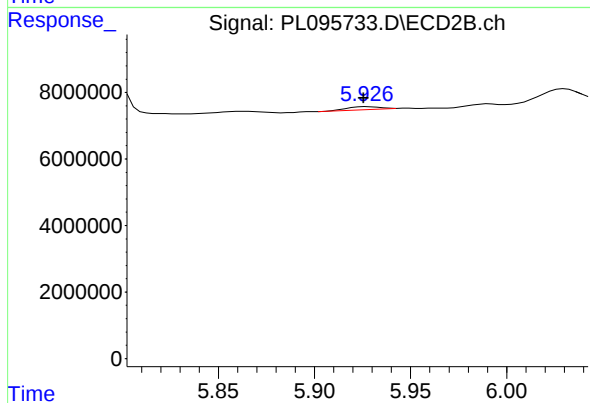
#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 250406859
Conc: 51.35 ng/ml



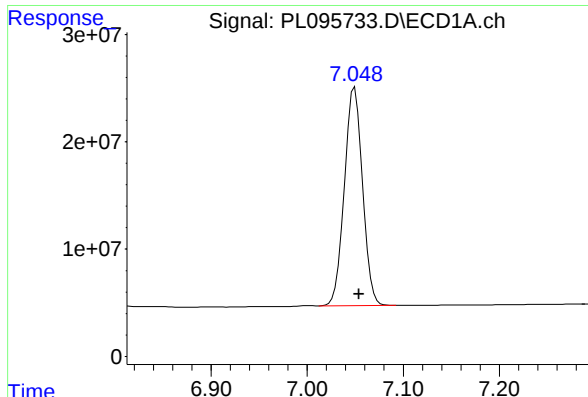
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 670836
Conc: 0.23 ng/ml m



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 1092308
Conc: 0.25 ng/ml m



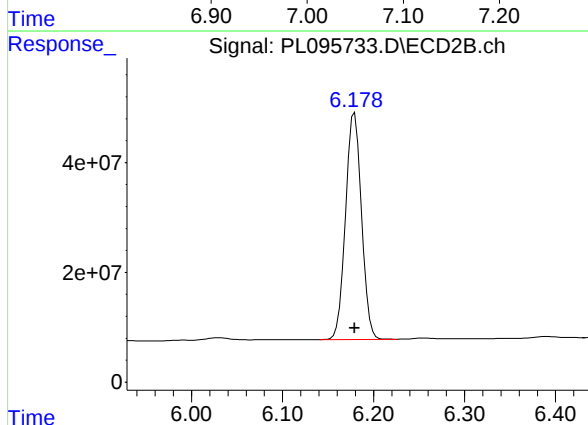
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 266081984
Conc: 98.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

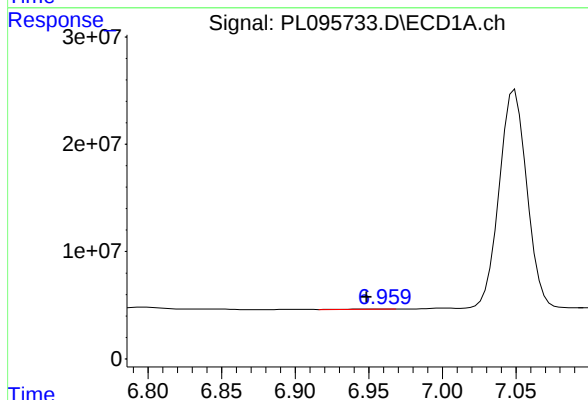
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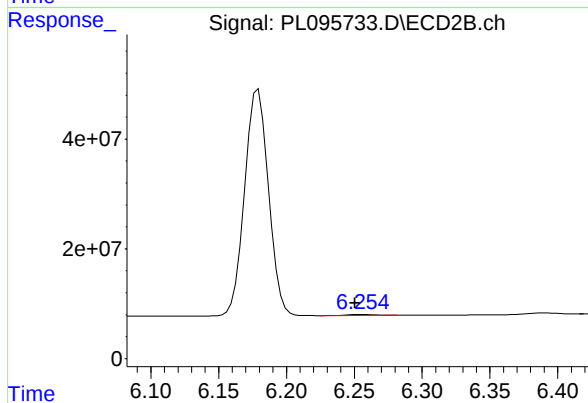
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 505004528
Conc: 105.59 ng/ml



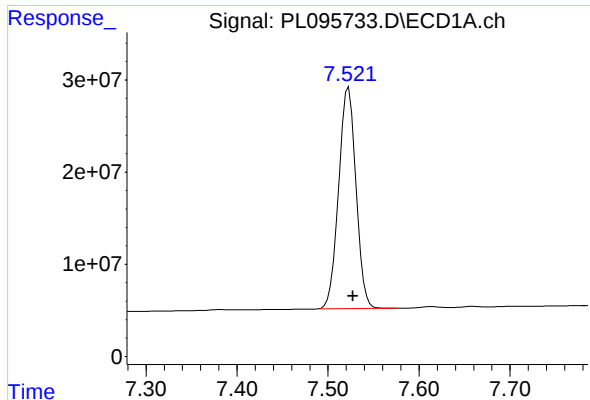
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.010 min
Response: 311327
Conc: 0.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.004 min
Response: 2401095
Conc: 0.70 ng/ml m



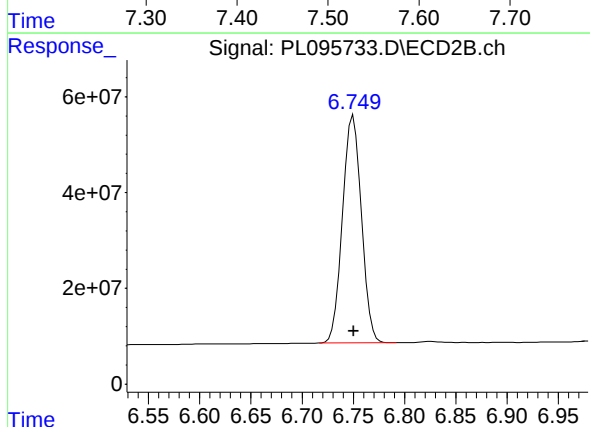
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.005 min
Response: 317731063
Conc: 249.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

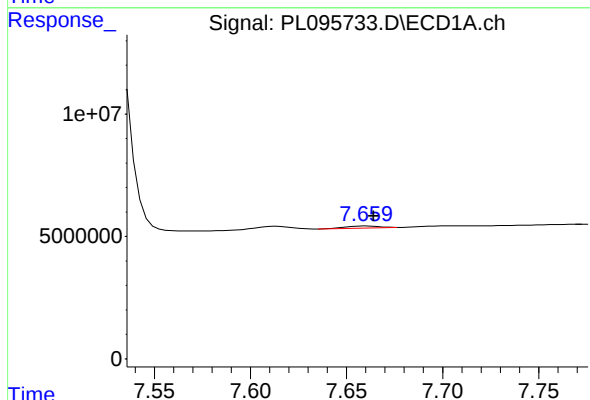
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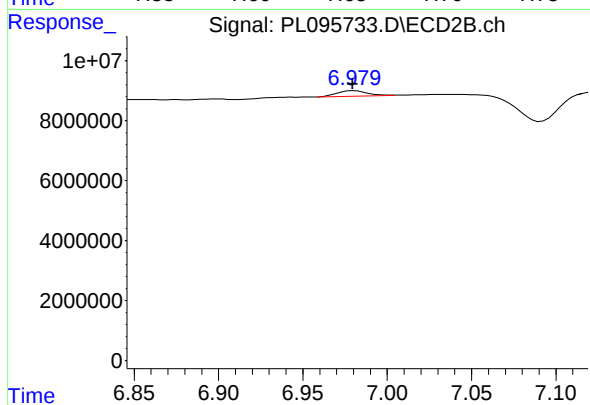
#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 608707889
Conc: 232.68 ng/ml



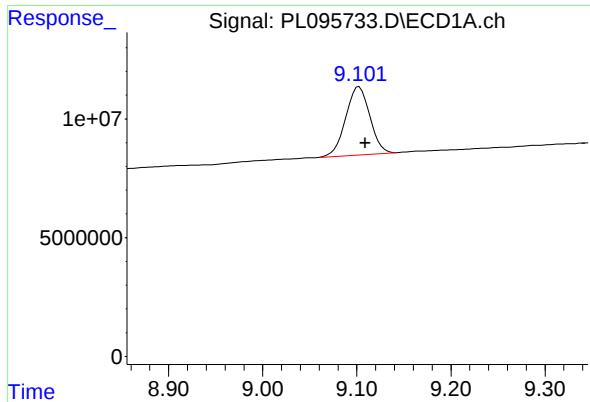
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.006 min
Response: 1010906
Conc: 0.32 ng/ml m



#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2346840
Conc: 0.45 ng/ml m



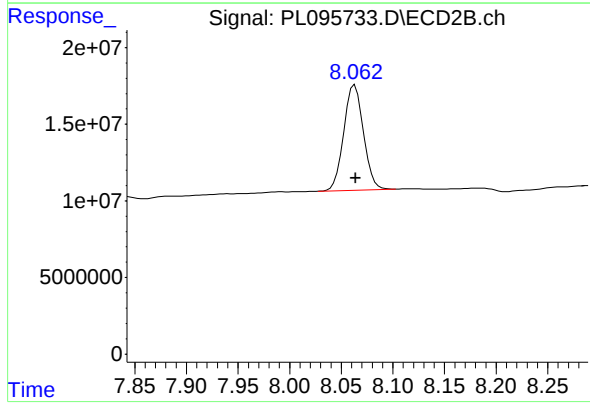
#28 Decachlorobiphenyl

R.T.: 9.103 min
Delta R.T.: -0.006 min
Response: 51250615
Conc: 21.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 91261143
Conc: 20.86 ng/ml