

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031422\
 Data File : PL073316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2022 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/15/2022
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 13:02:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.644	5.490	6199504	30142101	19.356	18.365
28)	SA Decachlor...	10.419	11.328	10160993	33327596	19.982	18.638
Target Compounds							
2)	A alpha-BHC	5.352	6.052	3754428	18347616	9.108	8.156
3)	MA gamma-BHC...	5.775	6.441	3782241	17906472	9.067	8.387
6)	B beta-BHC	6.156	6.677	2259788	10266156	10.975	9.849
12)	B 4,4'-DDE	7.650	8.458	75755	341576	0.211m	0.191m
14)	MA Endrin	8.070	8.844	18173391	70047678	46.838	45.503
16)	A 4,4'-DDD	8.237	8.986	228832	982412	0.705	0.673
17)	MA 4,4'-DDT	8.498	9.305	35924130	146.7E6	94.991	89.750
18)	B Endrin al...	8.573	9.199	285713	602338	0.903m	0.491m#
20)	A Methoxychlor	9.094	9.784	53374540	192.0E6	208.060	213.095
21)	B Endrin ke...	9.318	9.924	662077	1226614	1.353	0.743 #

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

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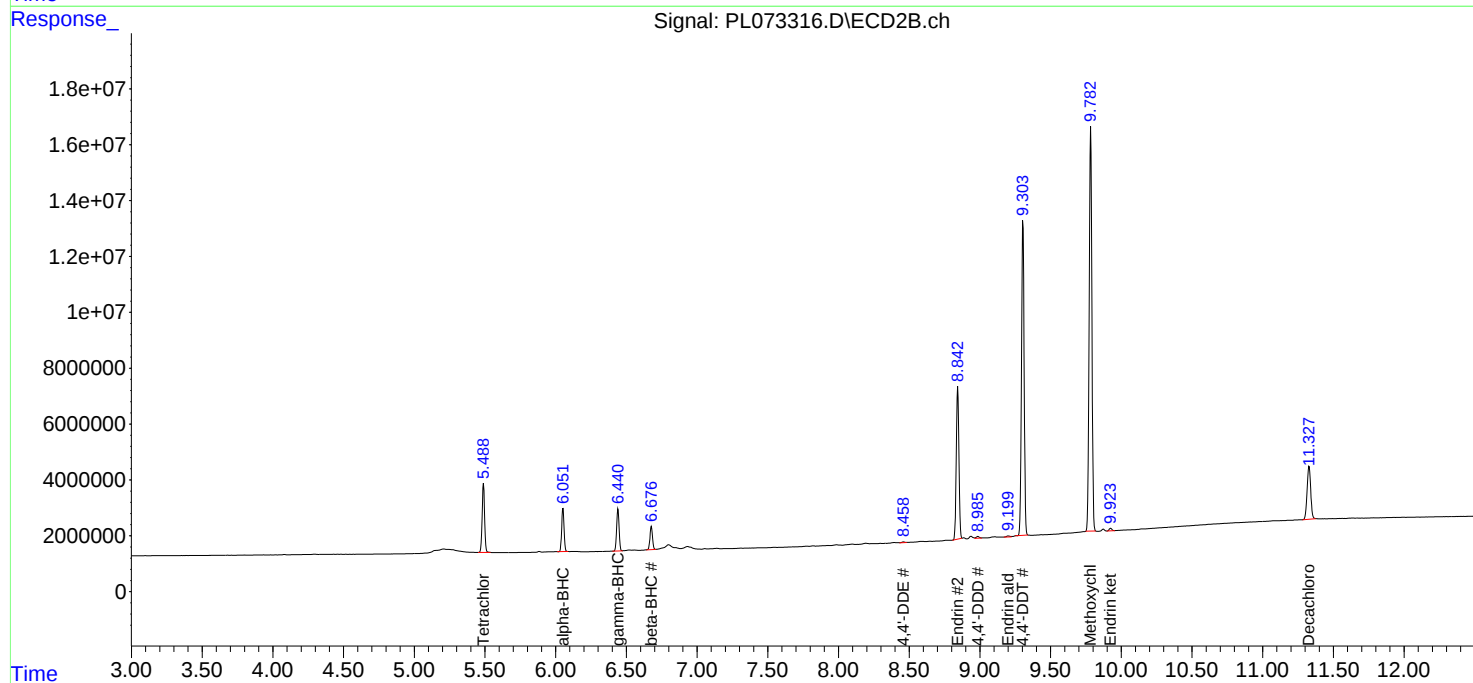
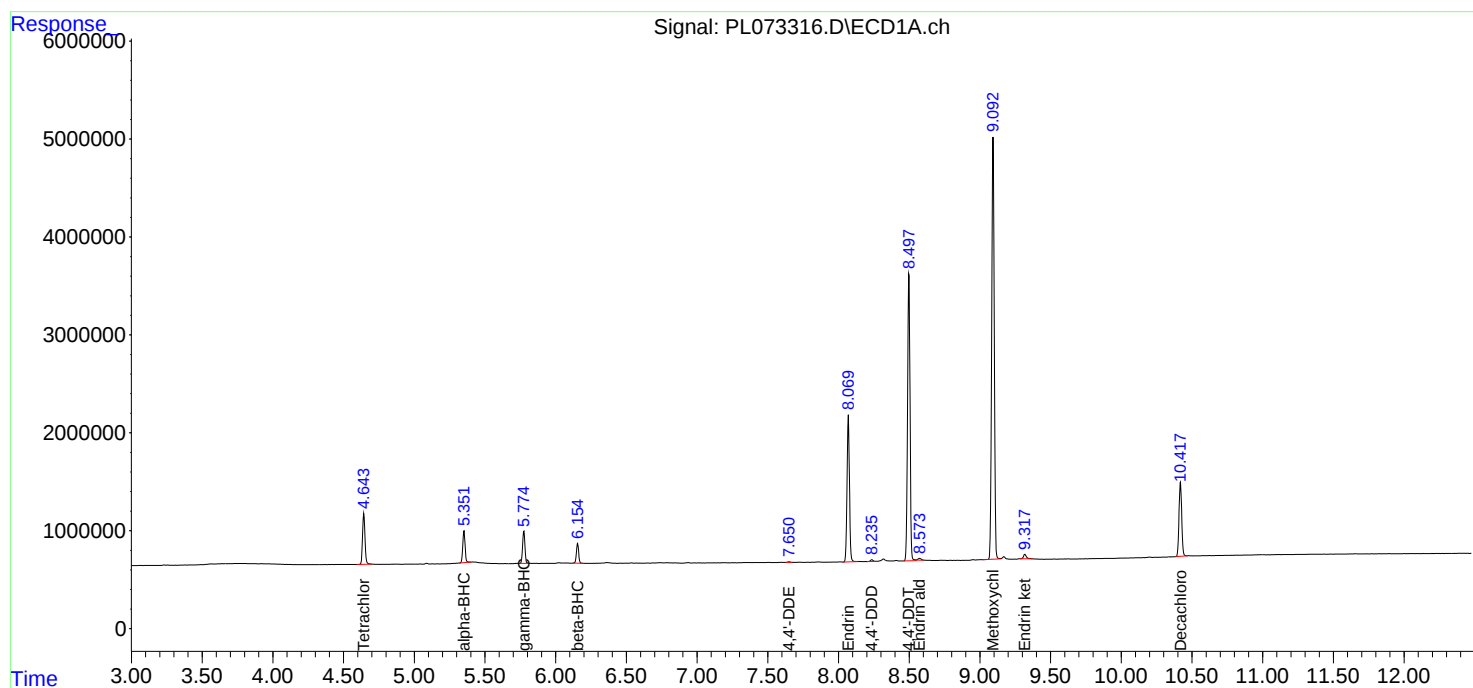
Instrument :
ECD_L
ClientSampleId :
PEM

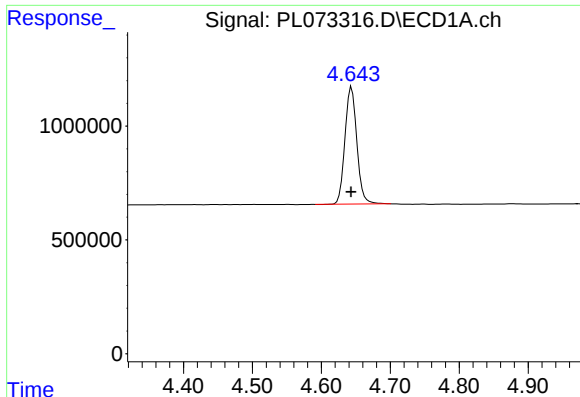
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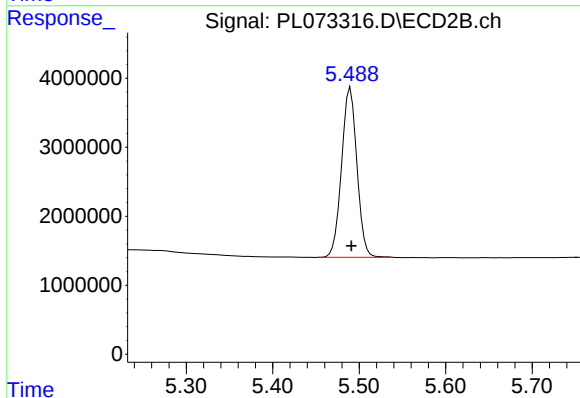
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 6199504
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

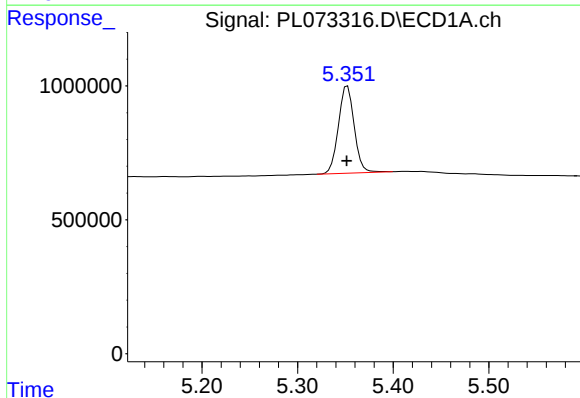
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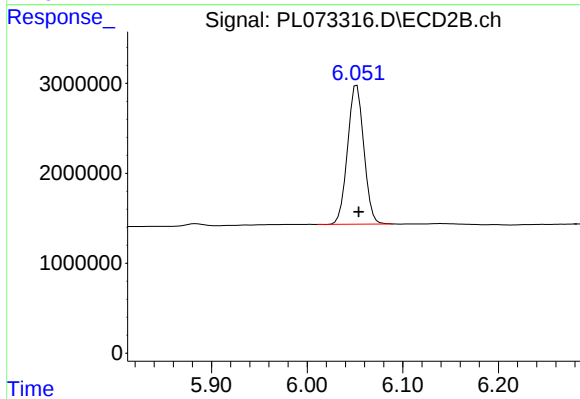
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 30142101
Conc: 18.37 ng/ml



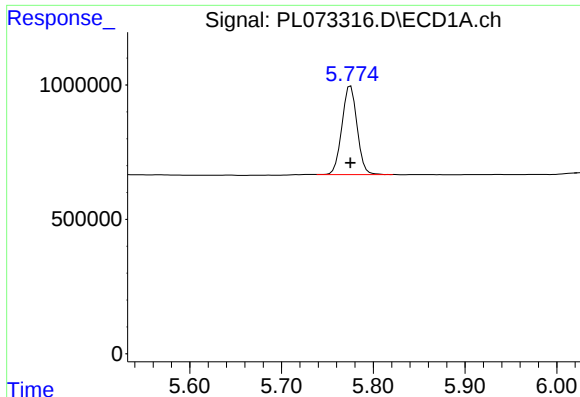
#2 alpha-BHC

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 3754428
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 18347616
Conc: 8.16 ng/ml



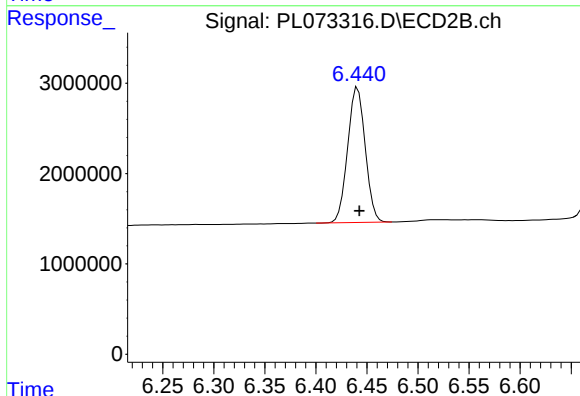
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 3782241
Conc: 9.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

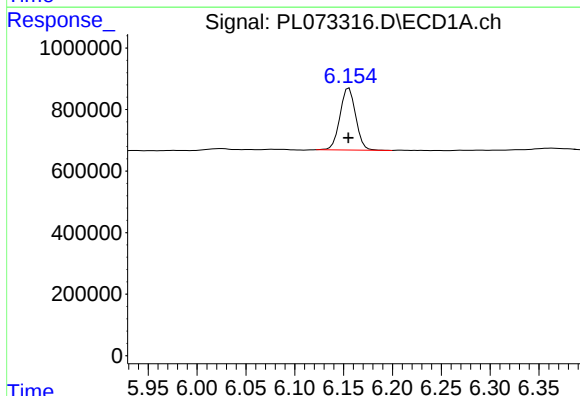
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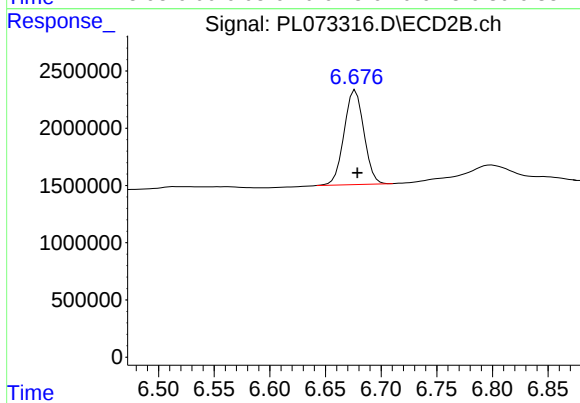
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 17906472
Conc: 8.39 ng/ml



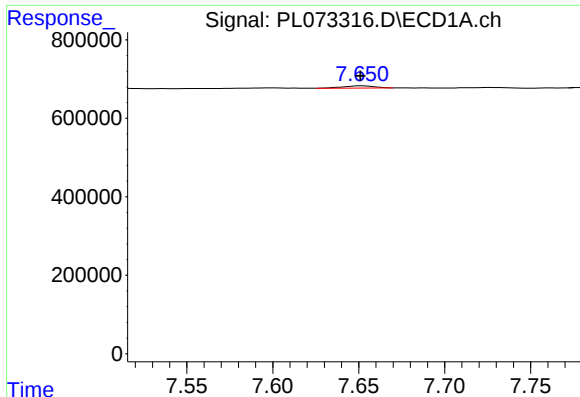
#6 beta-BHC

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 2259788
Conc: 10.98 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 10266156
Conc: 9.85 ng/ml



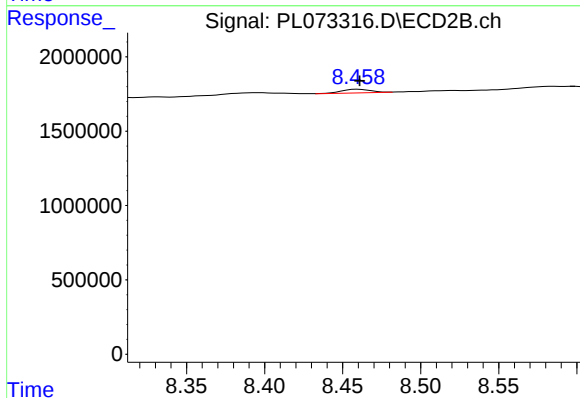
#12 4,4'-DDE

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 75755
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

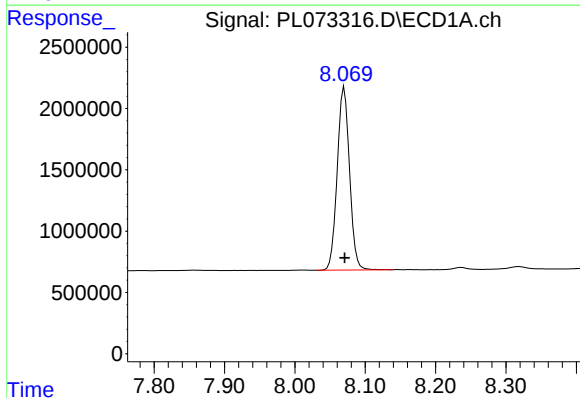
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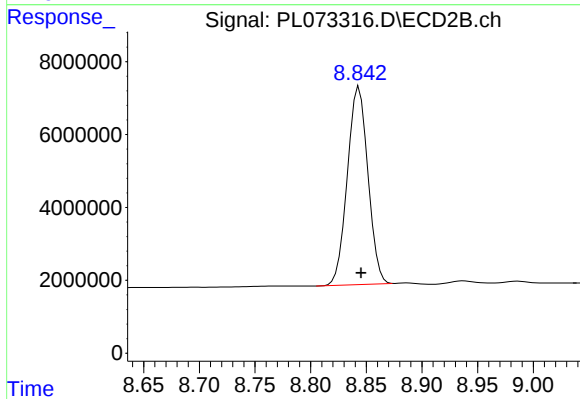
#12 4,4'-DDE

R.T.: 8.458 min
Delta R.T.: -0.003 min
Response: 341576
Conc: 0.19 ng/ml m



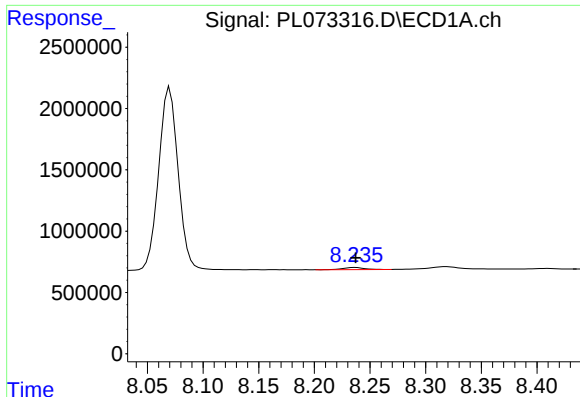
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 18173391
Conc: 46.84 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.002 min
Response: 70047678
Conc: 45.50 ng/ml



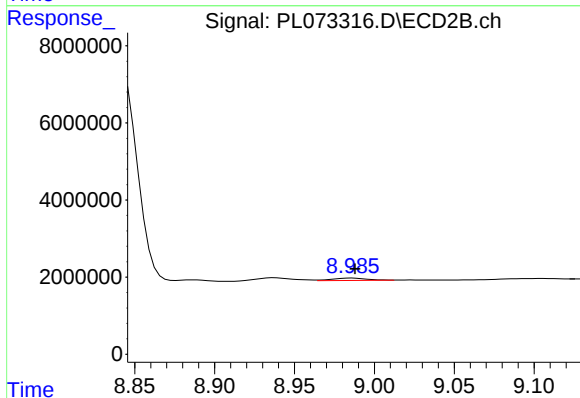
#16 4,4'-DDD

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 228832
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

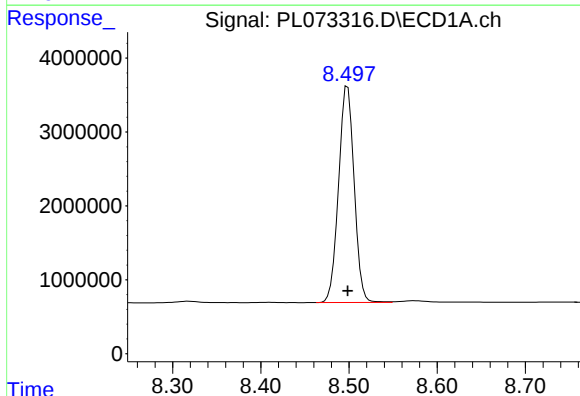
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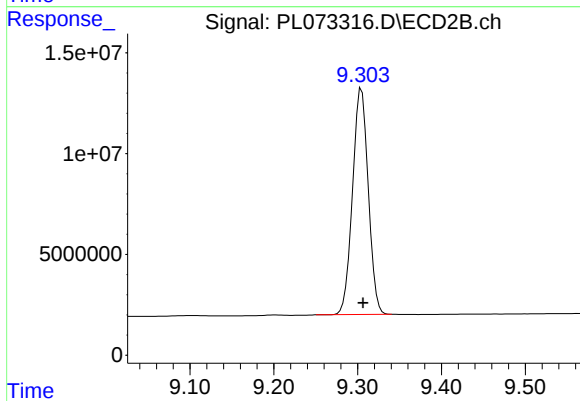
#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.002 min
Response: 982412
Conc: 0.67 ng/ml



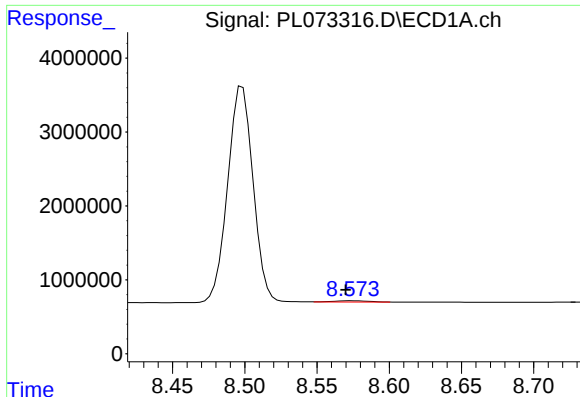
#17 4,4'-DDT

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 35924130
Conc: 94.99 ng/ml



#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.002 min
Response: 146699602
Conc: 89.75 ng/ml



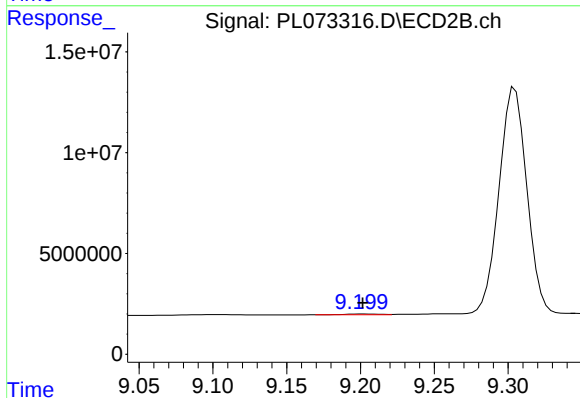
#18 Endrin aldehyde

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 285713
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

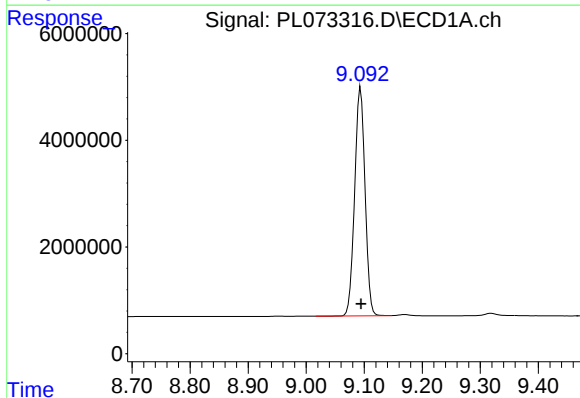
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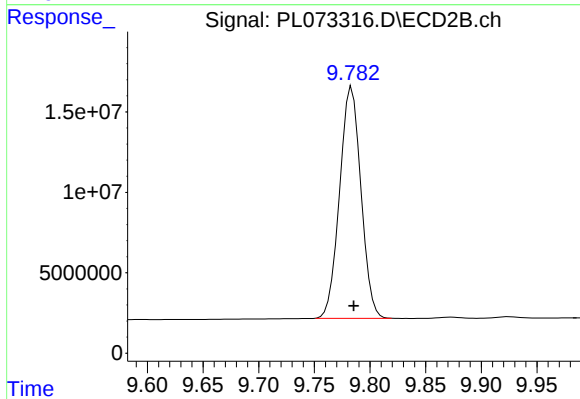
#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: -0.003 min
Response: 602338
Conc: 0.49 ng/ml m



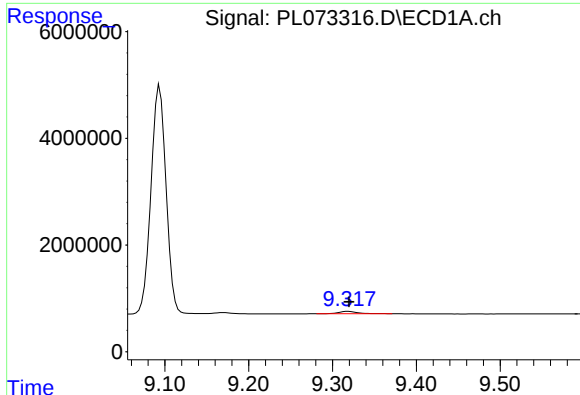
#20 Methoxychlor

R.T.: 9.094 min
Delta R.T.: 0.000 min
Response: 53374540
Conc: 208.06 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: -0.002 min
Response: 192014269
Conc: 213.09 ng/ml



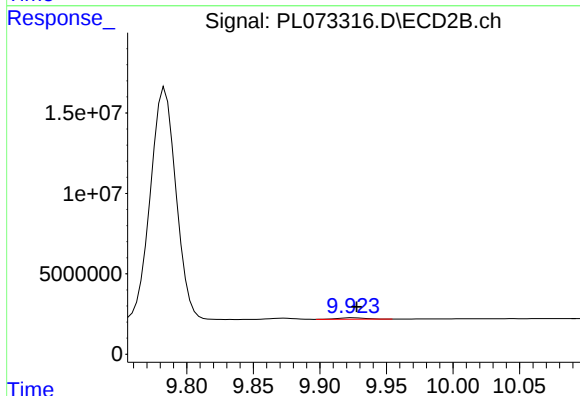
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 662077
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

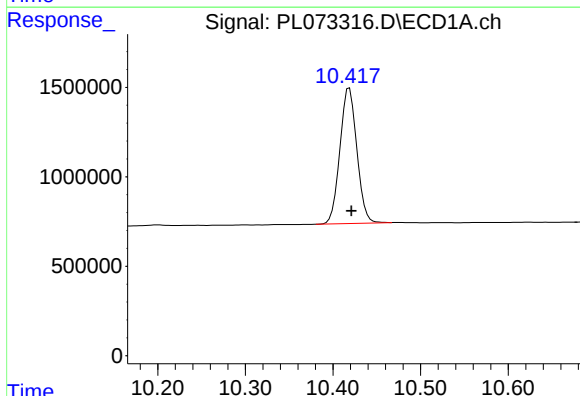
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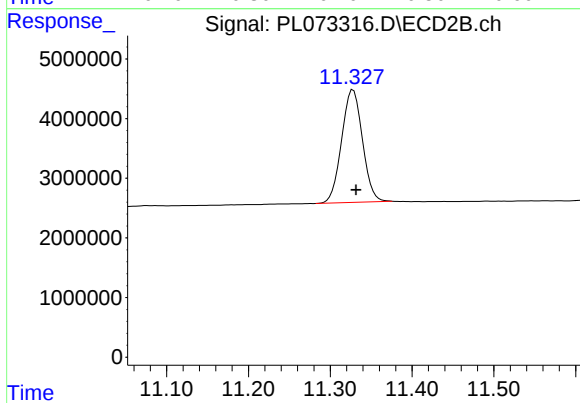
#21 Endrin ketone

R.T.: 9.924 min
Delta R.T.: -0.003 min
Response: 1226614
Conc: 0.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.002 min
Response: 10160993
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.328 min
Delta R.T.: -0.003 min
Response: 33327596
Conc: 18.64 ng/ml