

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 10:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/23/2022
 Supervised By : Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:30:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.548	5.489	9234762	34025269	19.179	19.698
28)	SA Decachlor...	10.307	11.378	17291174	37096106	22.840m	23.393
Target Compounds							
2)	A alpha-BHC	5.254	6.070	5645595	22238488	8.562	9.286
3)	MA gamma-BHC...	5.677	6.467	5562016	21574495	8.850	9.370
6)	B beta-BHC	6.061	6.727	3117061	11391873	12.579m	11.175
12)	B 4,4'-DDE	7.544	8.491	104198	314795	0.171m	0.168
14)	MA Endrin	7.964	8.882	30056206	87476900	51.307	55.518
16)	A 4,4'-DDD	8.135	9.032	107284	437721	0.223m	0.316 #
17)	MA 4,4'-DDT	8.392	9.346	64188260	172.9E6	119.291	112.927
18)	B Endrin al...	8.497f	9.252	456959	58148	1.048	0.052m#
20)	A Methoxychlor	8.989	9.835	93120696	223.5E6	264.830	276.040
21)	B Endrin ke...	9.214	9.987	275594	685695	0.401	0.430

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

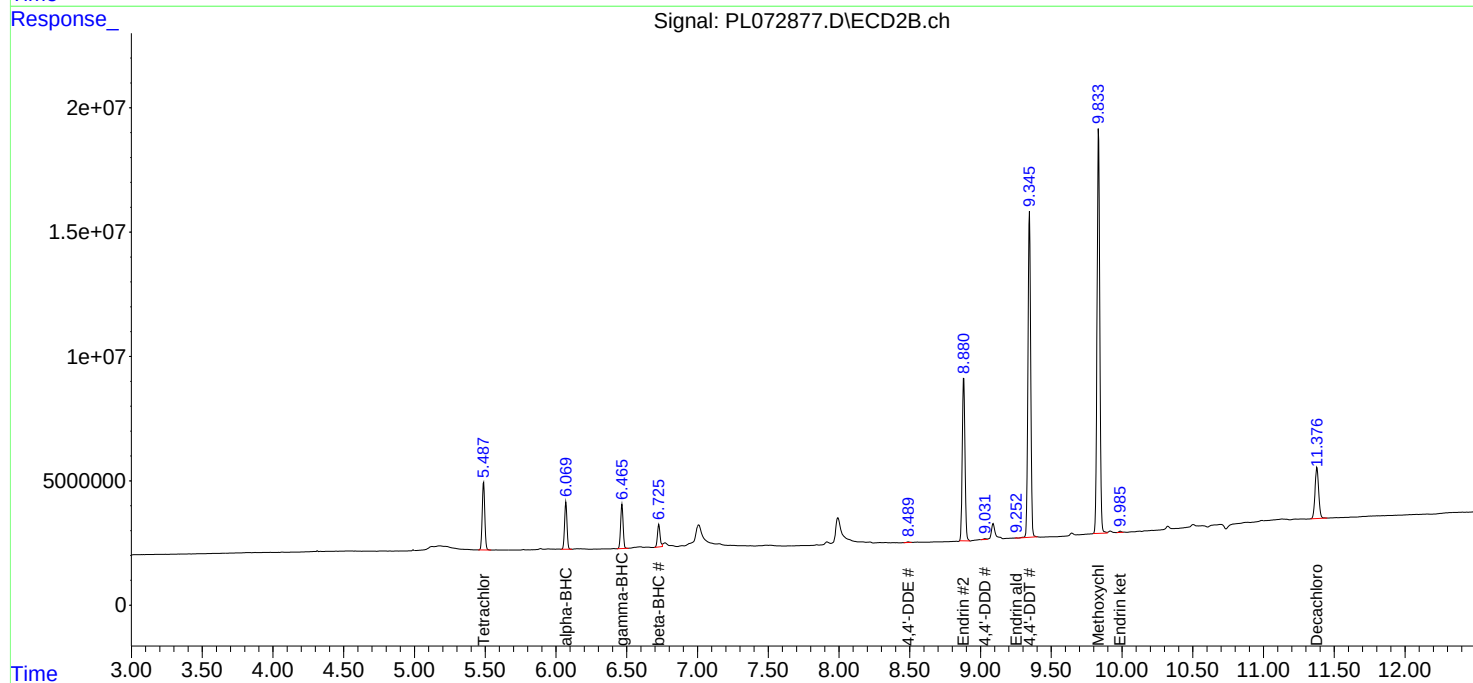
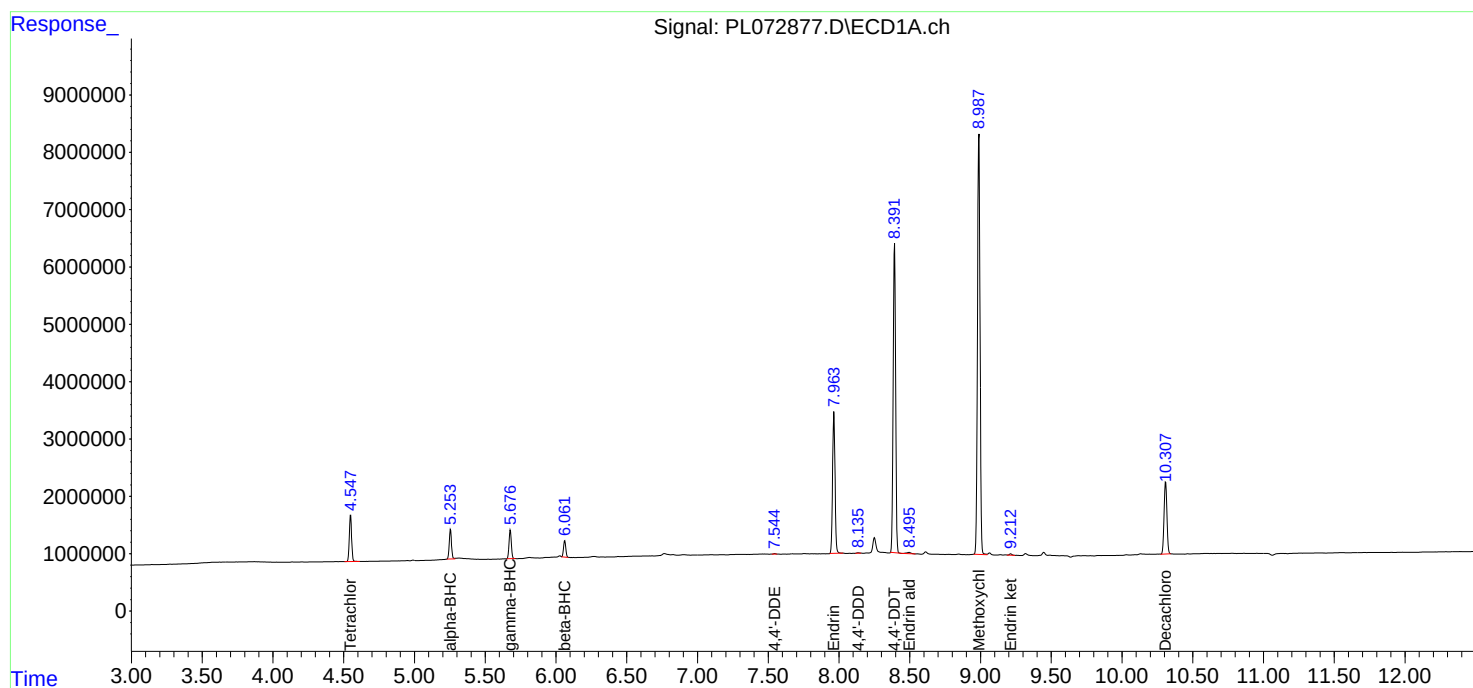
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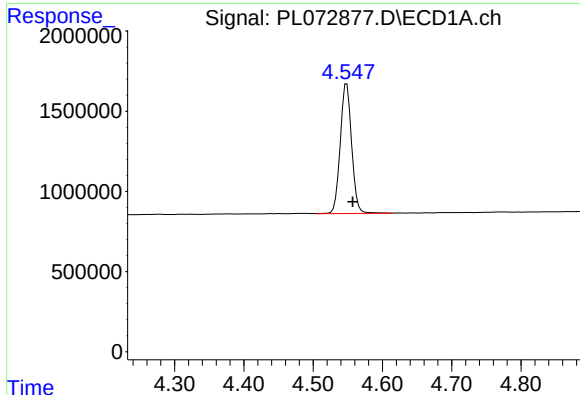
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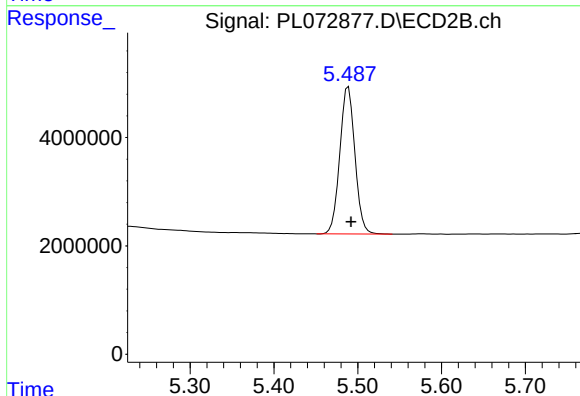
#1 Tetrachloro-m-xylene

R.T.: 4.548 min
Delta R.T.: -0.009 min
Response: 9234762
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

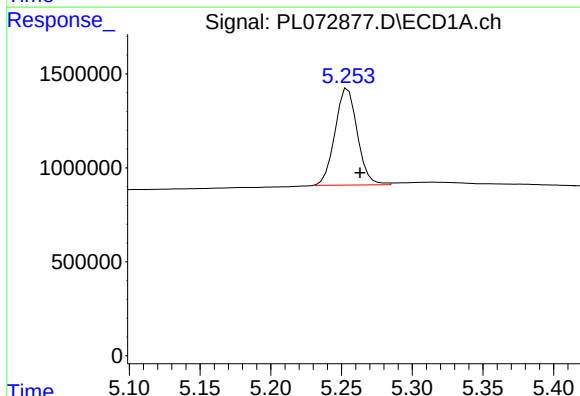
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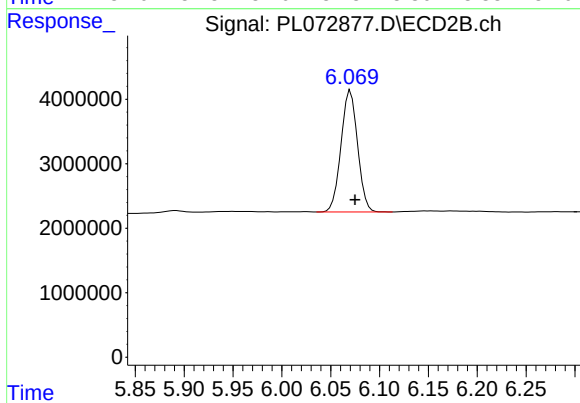
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 34025269
Conc: 19.70 ng/ml



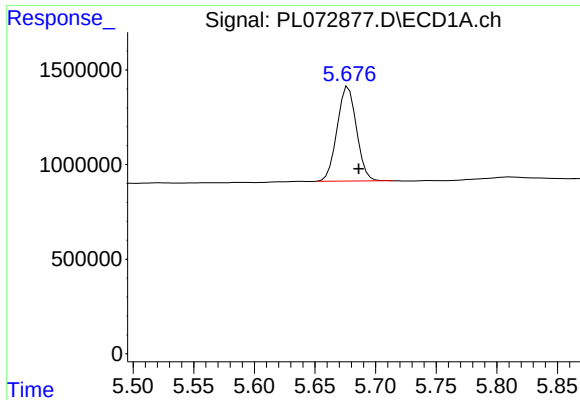
#2 alpha-BHC

R.T.: 5.254 min
Delta R.T.: -0.009 min
Response: 5645595
Conc: 8.56 ng/ml



#2 alpha-BHC

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 22238488
Conc: 9.29 ng/ml



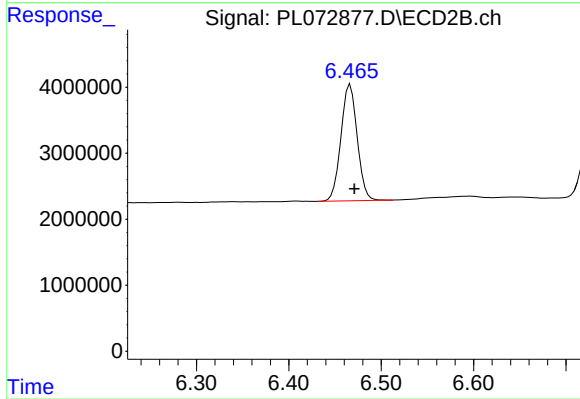
#3 gamma-BHC (Lindane)

R.T.: 5.677 min
Delta R.T.: -0.009 min
Response: 5562016
Conc: 8.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

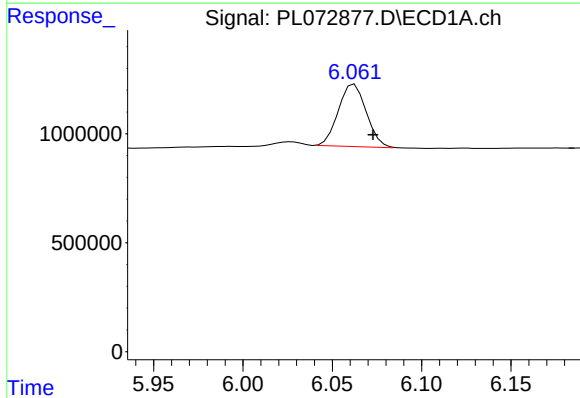
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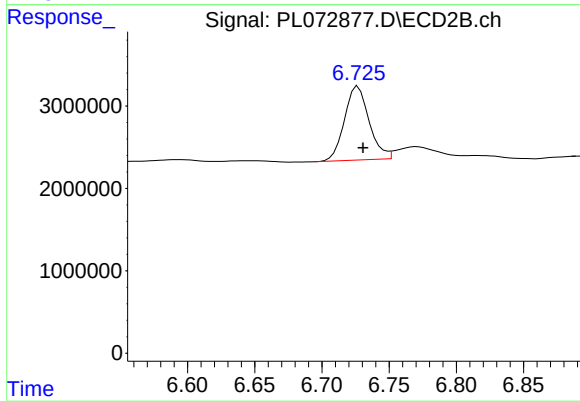
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 21574495
Conc: 9.37 ng/ml



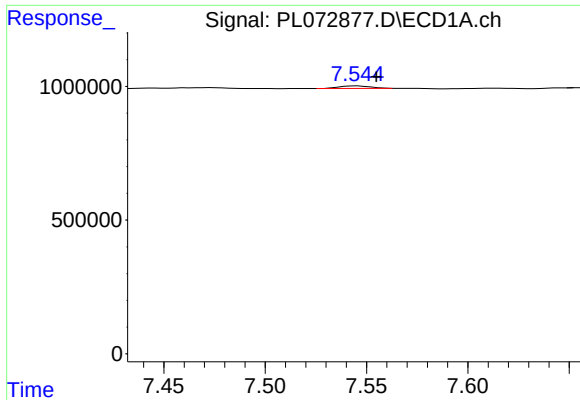
#6 beta-BHC

R.T.: 6.061 min
Delta R.T.: -0.012 min
Response: 3117061
Conc: 12.58 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 11391873
Conc: 11.17 ng/ml



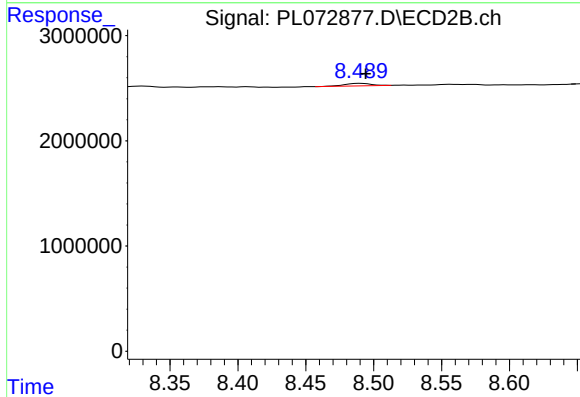
#12 4,4'-DDE

R.T.: 7.544 min
Delta R.T.: -0.011 min
Response: 104198
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

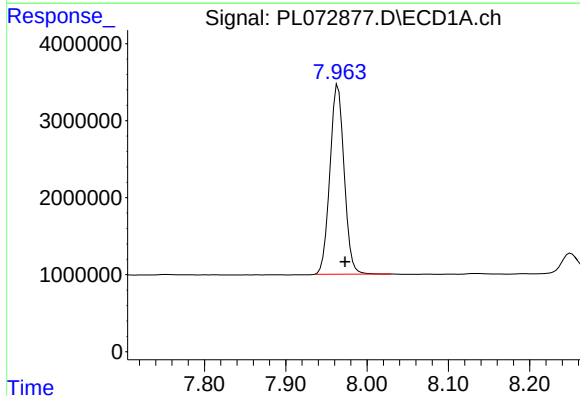
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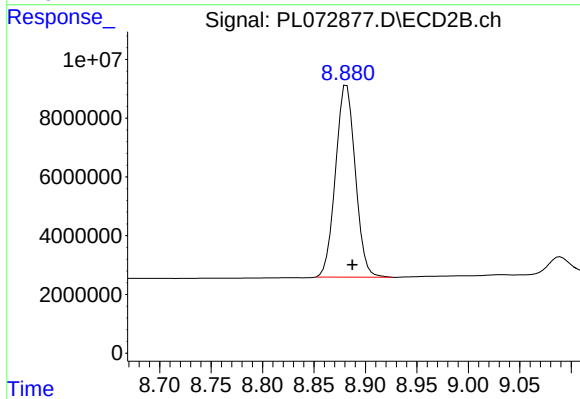
#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.004 min
Response: 314795
Conc: 0.17 ng/ml



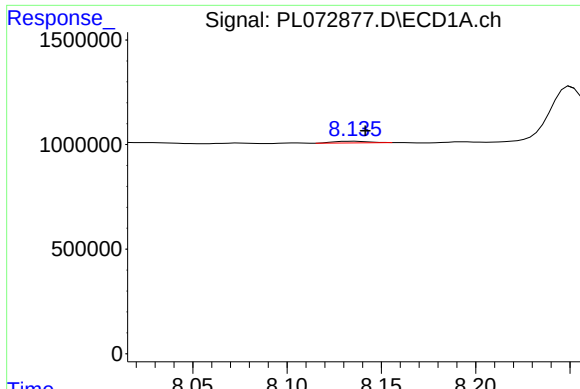
#14 Endrin

R.T.: 7.964 min
Delta R.T.: -0.008 min
Response: 30056206
Conc: 51.31 ng/ml



#14 Endrin

R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 87476900
Conc: 55.52 ng/ml



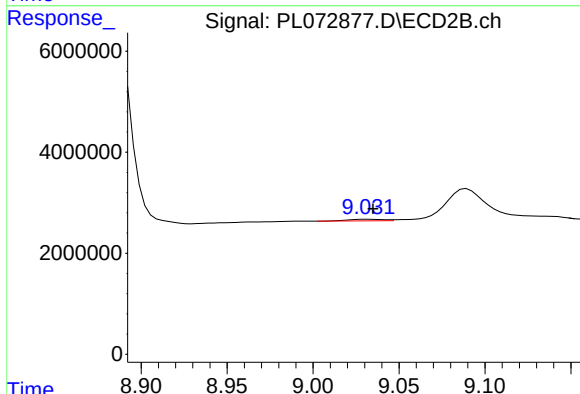
#16 4,4'-DDD

R.T.: 8.135 min
Delta R.T.: -0.007 min
Response: 107284
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

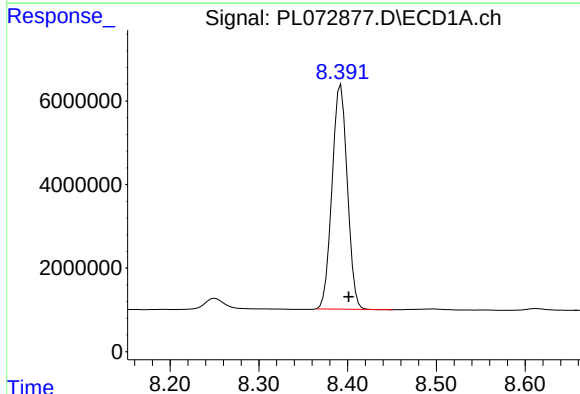
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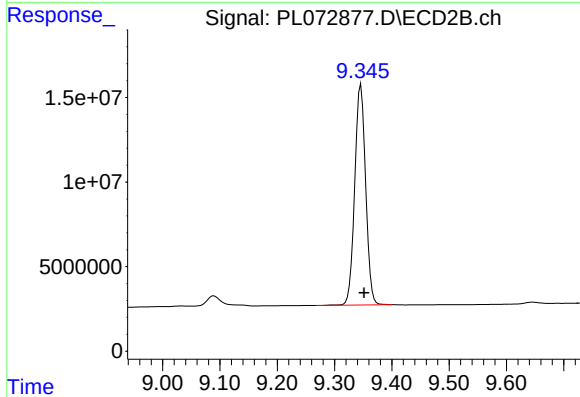
#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 437721
Conc: 0.32 ng/ml



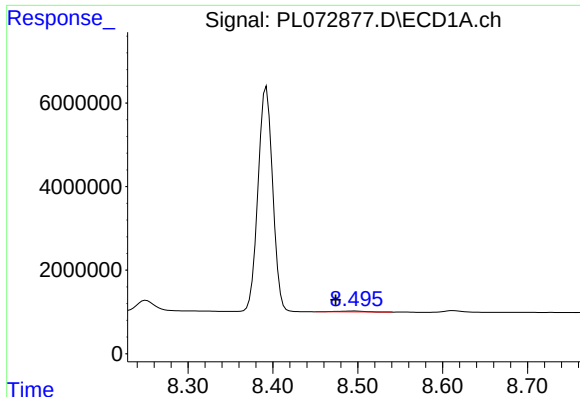
#17 4,4'-DDT

R.T.: 8.392 min
Delta R.T.: -0.009 min
Response: 64188260
Conc: 119.29 ng/ml



#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 172873789
Conc: 112.93 ng/ml



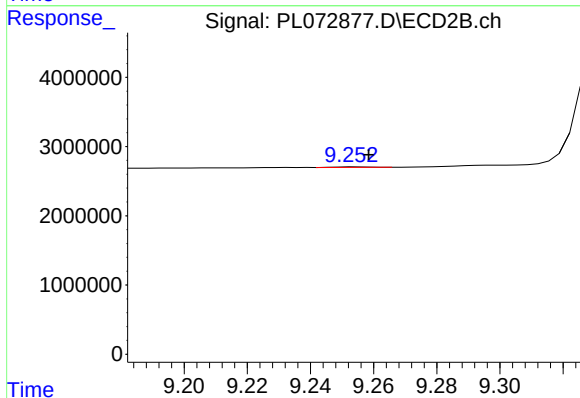
#18 Endrin aldehyde

R.T.: 8.497 min
Delta R.T.: 0.023 min
Response: 456959
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

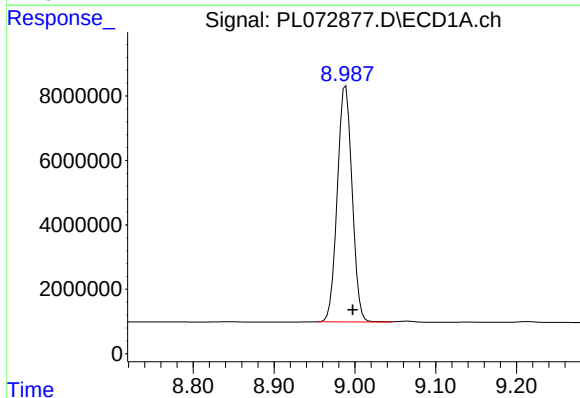
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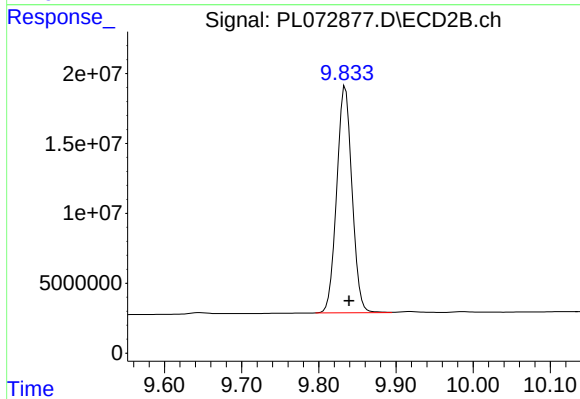
#18 Endrin aldehyde

R.T.: 9.252 min
Delta R.T.: -0.006 min
Response: 58148
Conc: 0.05 ng/ml m



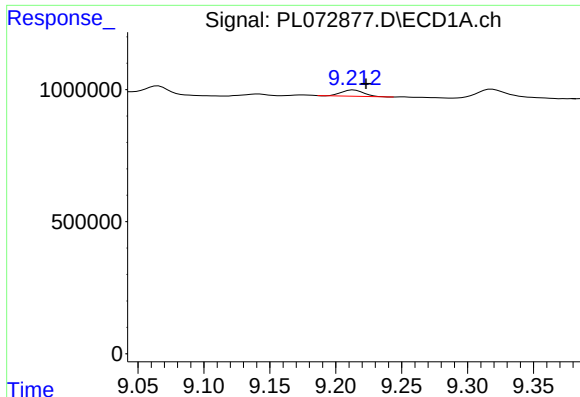
#20 Methoxychlor

R.T.: 8.989 min
Delta R.T.: -0.009 min
Response: 93120696
Conc: 264.83 ng/ml



#20 Methoxychlor

R.T.: 9.835 min
Delta R.T.: -0.005 min
Response: 223496813
Conc: 276.04 ng/ml



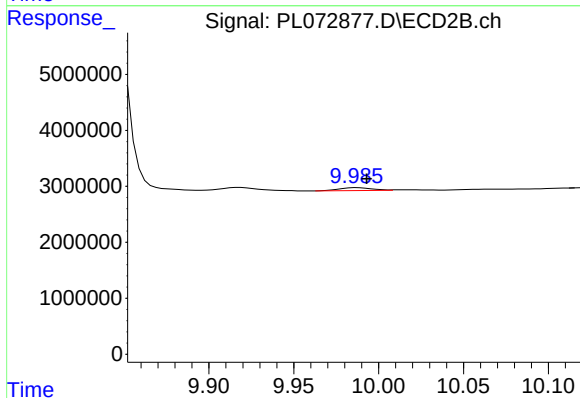
#21 Endrin ketone

R.T.: 9.214 min
Delta R.T.: -0.009 min
Response: 275594
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

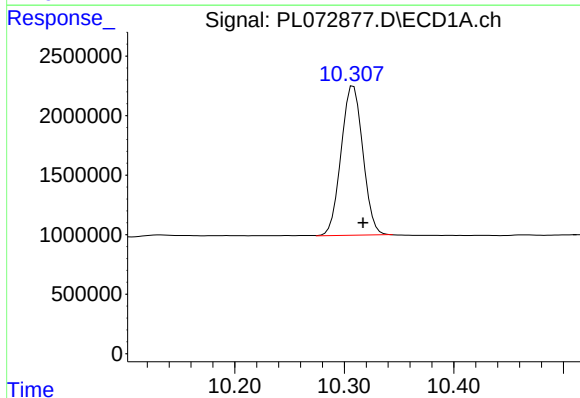
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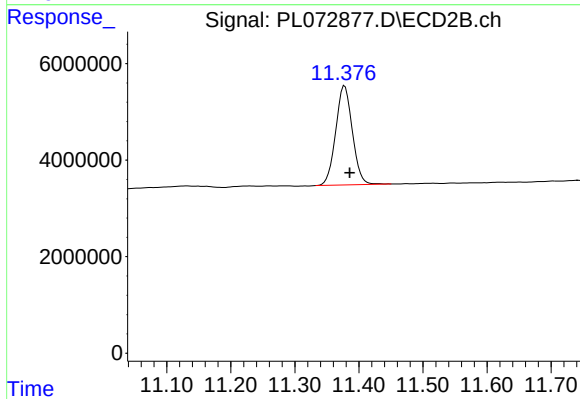
#21 Endrin ketone

R.T.: 9.987 min
Delta R.T.: -0.005 min
Response: 685695
Conc: 0.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.307 min
Delta R.T.: -0.010 min
Response: 17291174
Conc: 22.84 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.378 min
Delta R.T.: -0.008 min
Response: 37096106
Conc: 23.39 ng/ml