

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076215.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 11:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2022
 Supervised By : Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:49:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.640	4.630	14028159	35660482	18.548	18.802
28)	SA Decachlor...	11.632	10.370	13101379	31323614	20.820	20.395
Target Compounds							
2)	A alpha-BHC	6.224	5.331	8740420	22571168	8.849	9.234
3)	MA gamma-BHC...	6.622	5.751	8731484	21459986	9.432	9.283
6)	B beta-BHC	6.875	6.131	4470891	12011302	10.208	11.515
14)	MA Endrin	9.058	8.033	29142054	68713323	46.739	45.215
16)	A 4,4'-DDD	9.198	8.196	682700	1525602	1.204	1.100m
17)	MA 4,4'-DDT	9.517	8.457	62843307	151.0E6	102.943	102.110
18)	B Endrin al...	9.427	8.532	665752	2412630	1.289	2.021 #
20)	A Methoxychlor	10.003	9.049	87087395	200.8E6	253.892	235.747
21)	B Endrin ke...	10.177	9.276	4298388	5360149	5.964	3.244m#

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

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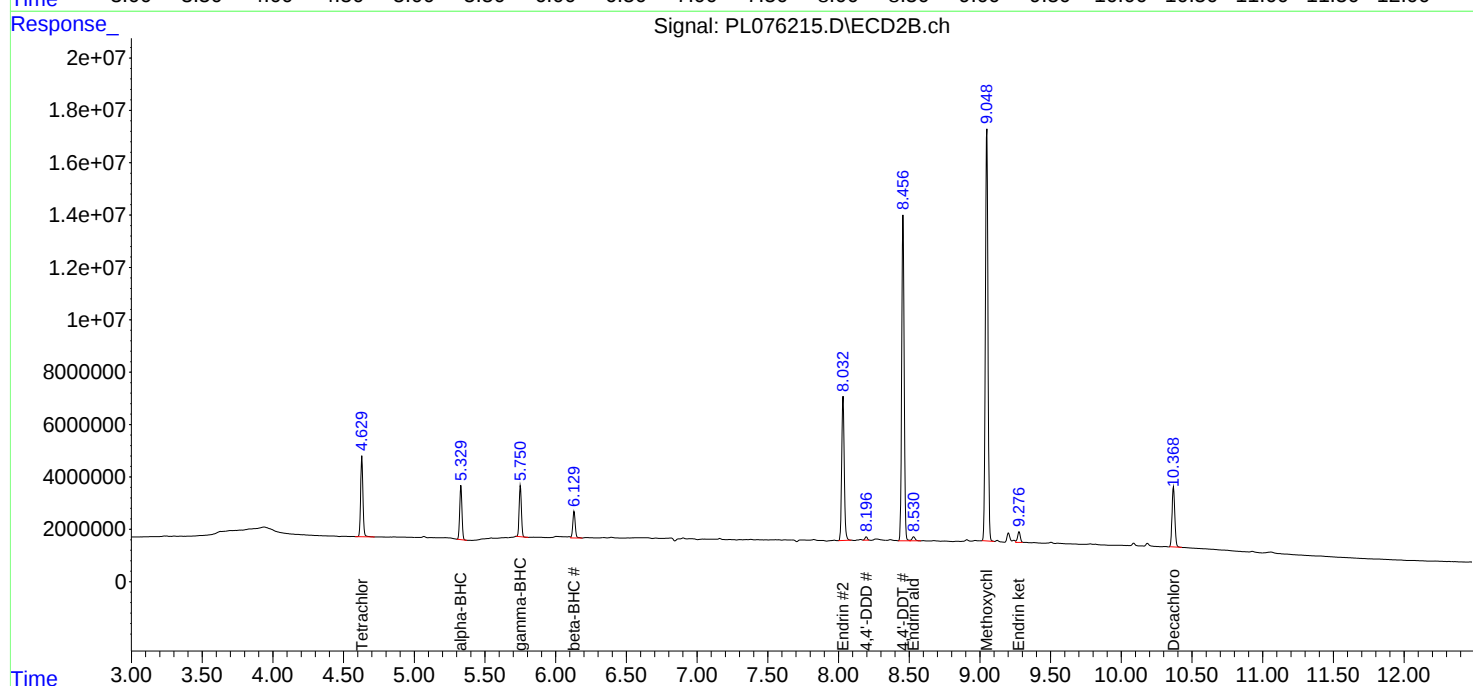
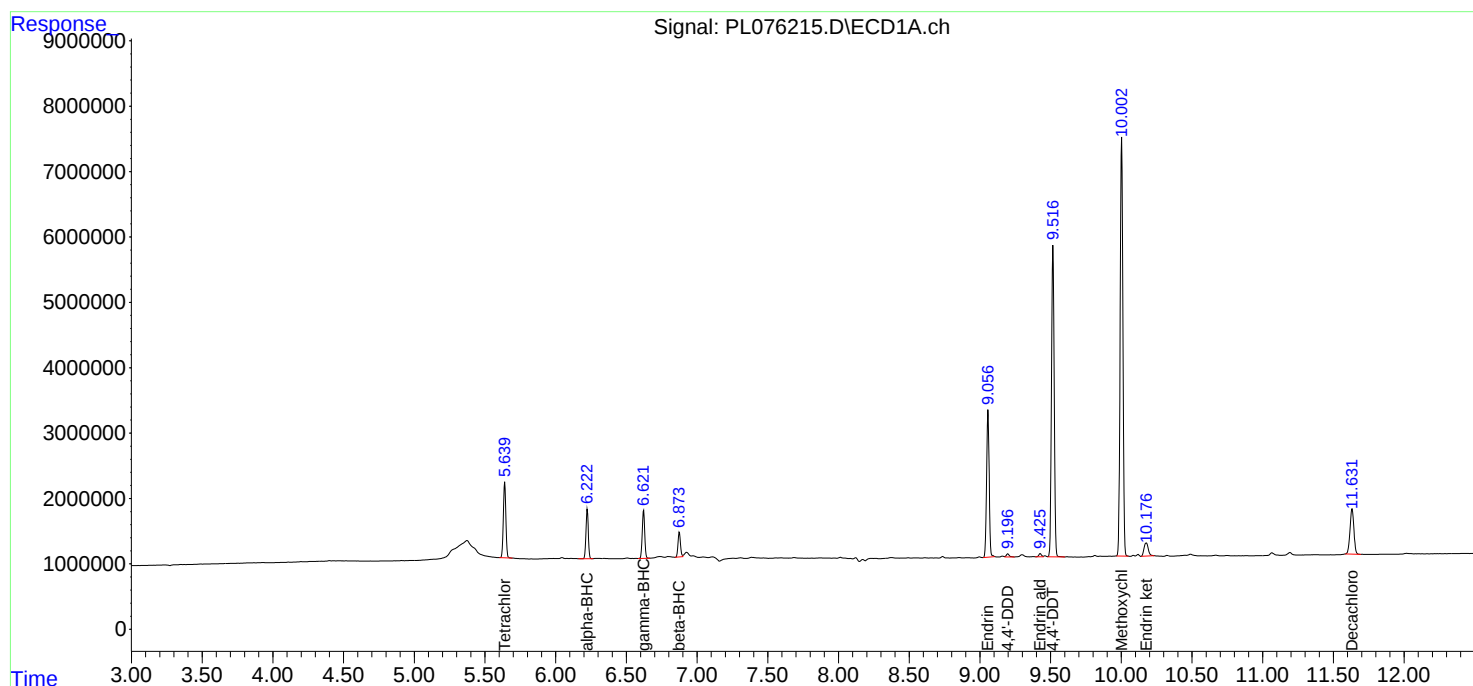
Instrument :
ECD_L
ClientSampleId :
PEM

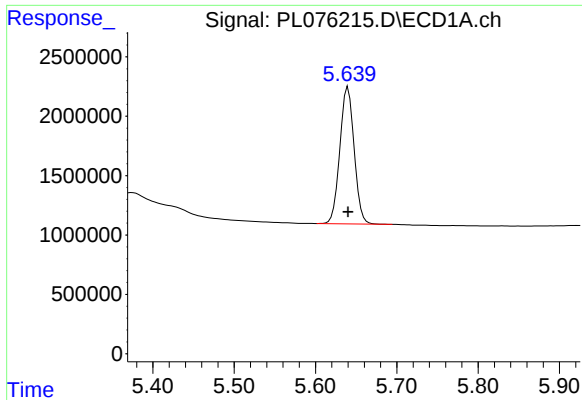
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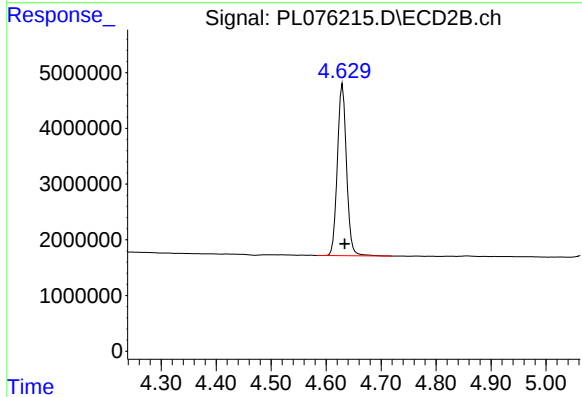
#1 Tetrachloro-m-xylene

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 14028159
Conc: 18.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

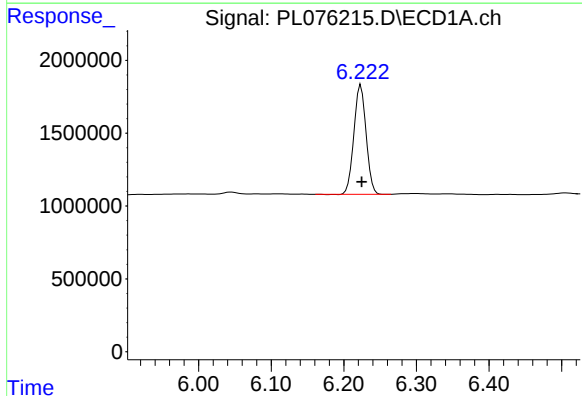
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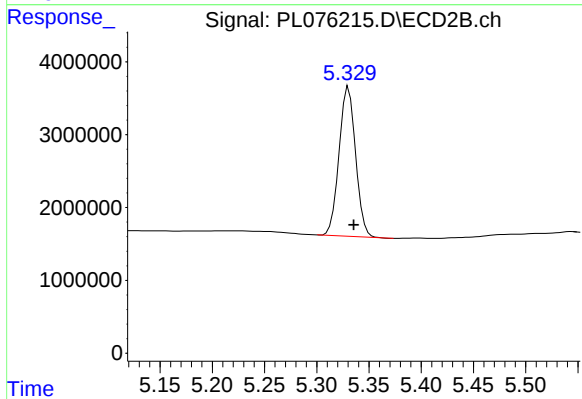
#1 Tetrachloro-m-xylene

R.T.: 4.630 min
Delta R.T.: -0.004 min
Response: 35660482
Conc: 18.80 ng/ml



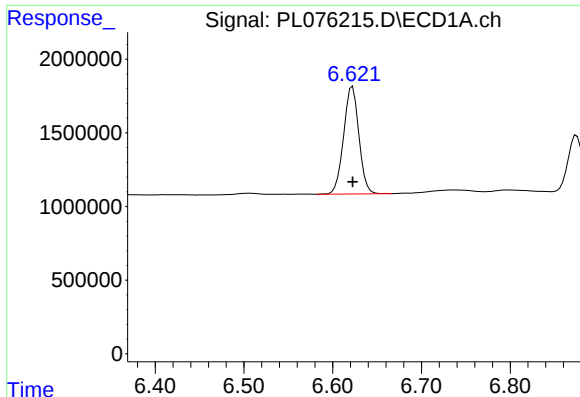
#2 alpha-BHC

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 8740420
Conc: 8.85 ng/ml



#2 alpha-BHC

R.T.: 5.331 min
Delta R.T.: -0.005 min
Response: 22571168
Conc: 9.23 ng/ml



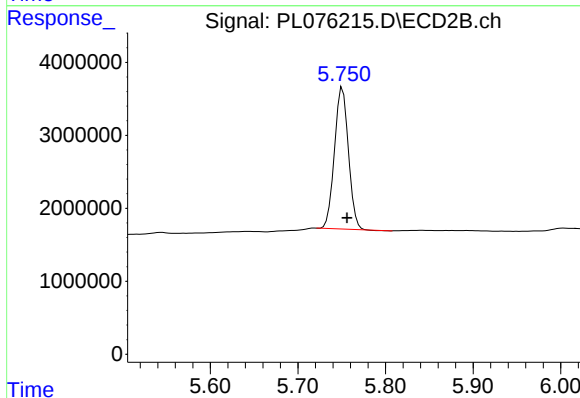
#3 gamma-BHC (Lindane)

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 8731484
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

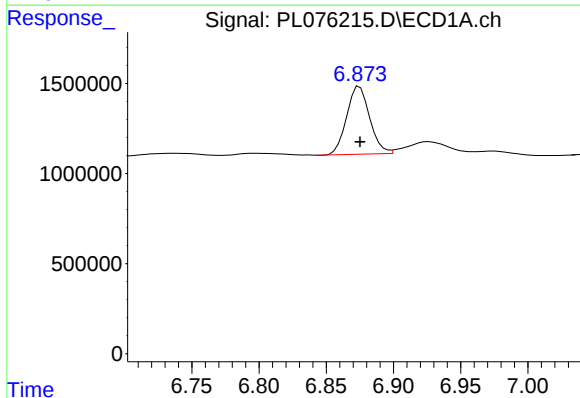
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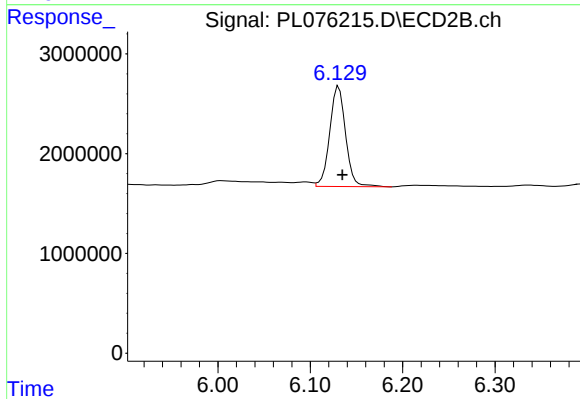
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 21459986
Conc: 9.28 ng/ml



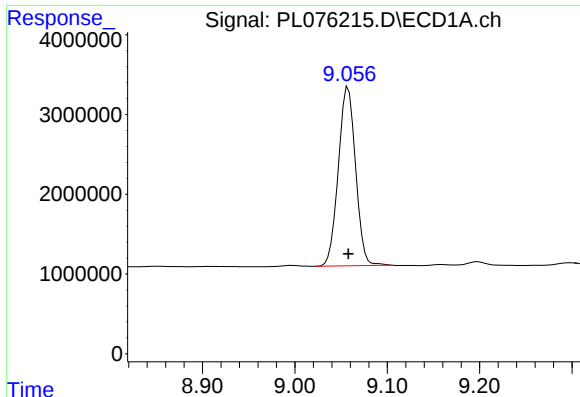
#6 beta-BHC

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 4470891
Conc: 10.21 ng/ml



#6 beta-BHC

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 12011302
Conc: 11.51 ng/ml



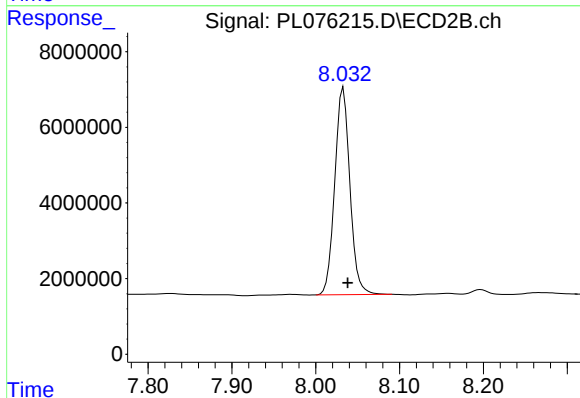
#14 Endrin

R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 29142054
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

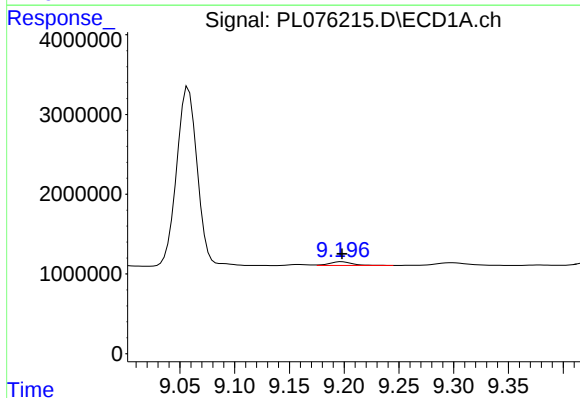
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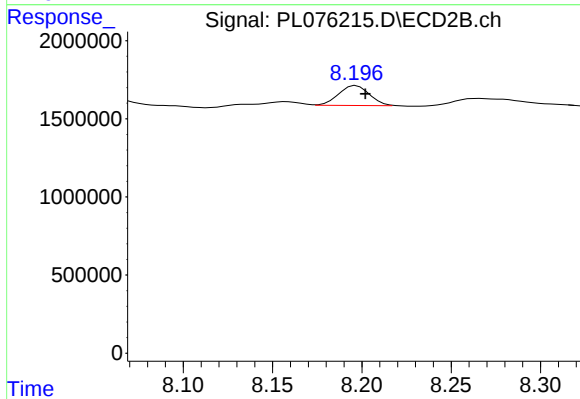
#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 68713323
Conc: 45.22 ng/ml



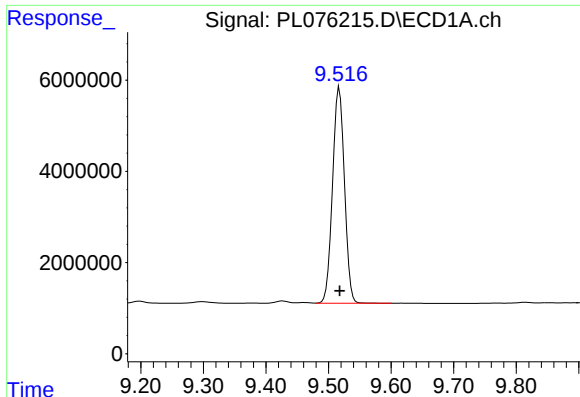
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 682700
Conc: 1.20 ng/ml



#16 4,4'-DDD

R.T.: 8.196 min
Delta R.T.: -0.007 min
Response: 1525602
Conc: 1.10 ng/ml m



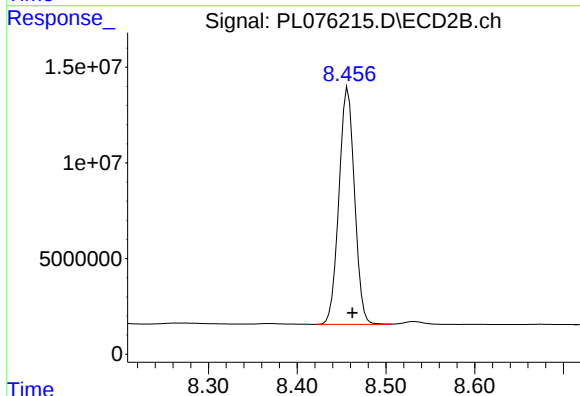
#17 4,4'-DDT

R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 62843307
Conc: 102.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

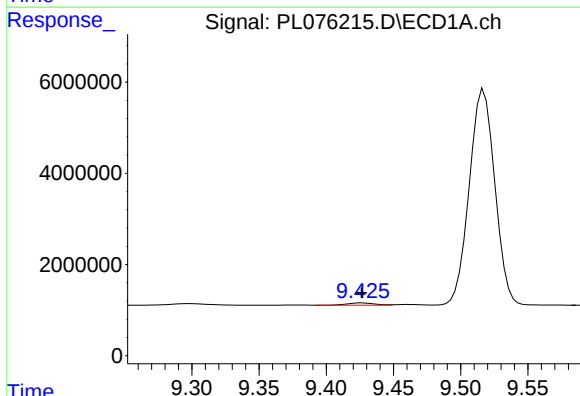
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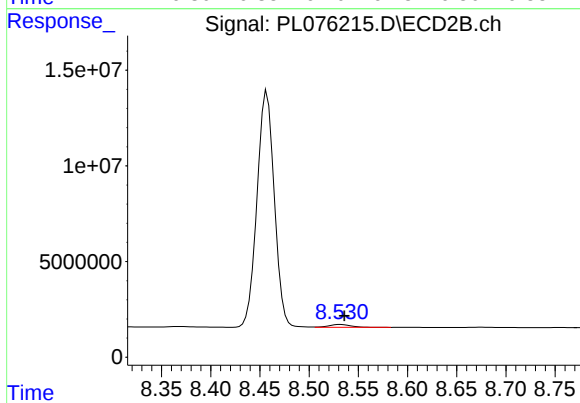
#17 4,4'-DDT

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 151021489
Conc: 102.11 ng/ml



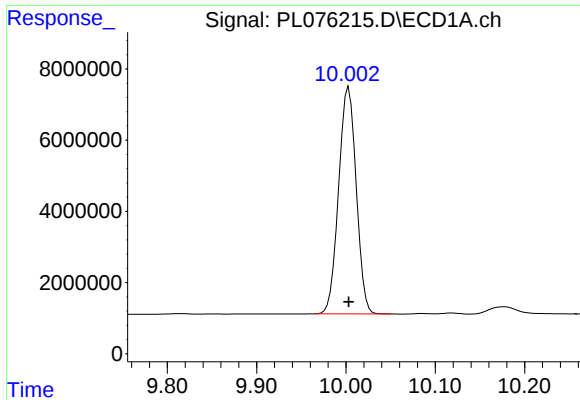
#18 Endrin aldehyde

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 665752
Conc: 1.29 ng/ml



#18 Endrin aldehyde

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 2412630
Conc: 2.02 ng/ml



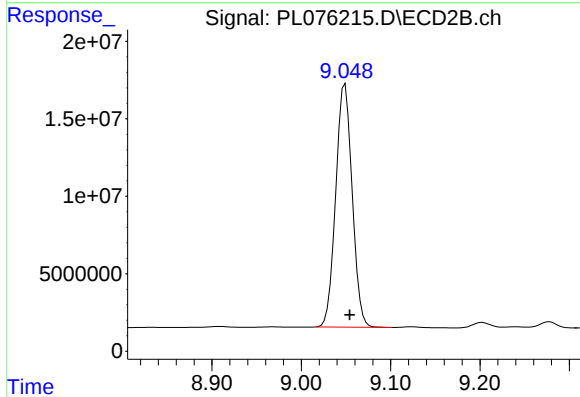
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: 0.000 min
Response: 87087395
Conc: 253.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

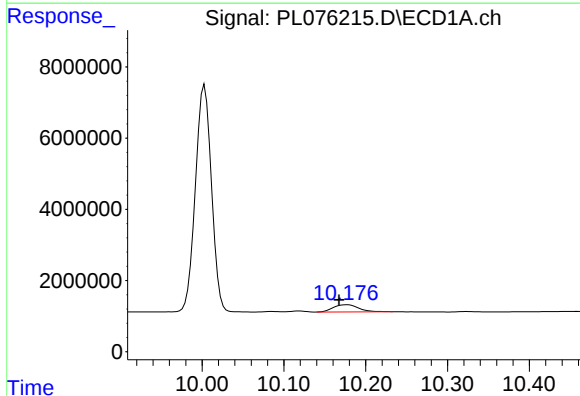
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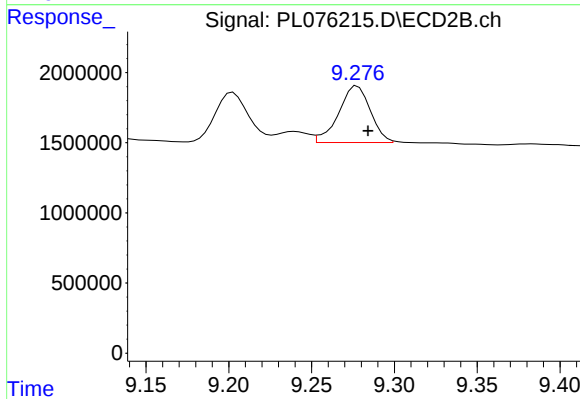
#20 Methoxychlor

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 200757668
Conc: 235.75 ng/ml



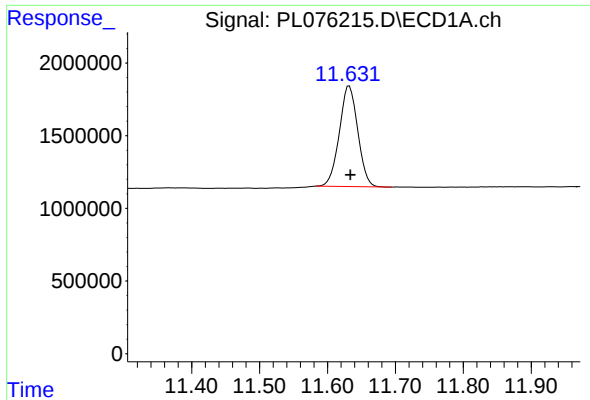
#21 Endrin ketone

R.T.: 10.177 min
Delta R.T.: 0.010 min
Response: 4298388
Conc: 5.96 ng/ml



#21 Endrin ketone

R.T.: 9.276 min
Delta R.T.: -0.008 min
Response: 5360149
Conc: 3.24 ng/ml m



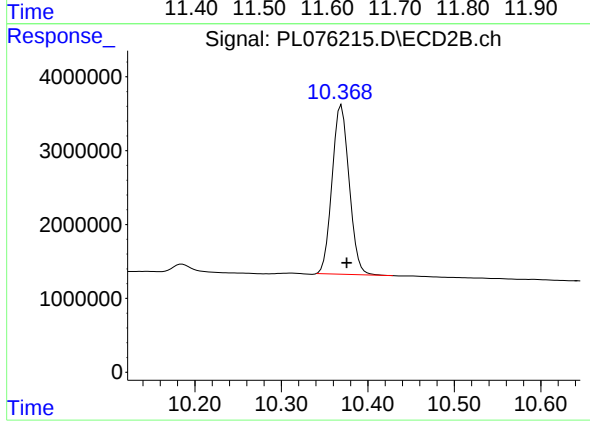
#28 Decachlorobiphenyl

R.T.: 11.632 min
Delta R.T.: -0.002 min
Response: 13101379
Conc: 20.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: -0.006 min
Response: 31323614
Conc: 20.39 ng/ml