

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020322\
 Data File : PL072429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2022 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/04/2022
 Supervised By : Ankita Jodhani 02/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 04:55:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.557	5.491	10926909	36719102	19.681	22.609
28)	SA Decachlor...	10.314	11.381	16654558	28759695	18.746m	17.824
Target Compounds							
2)	A alpha-BHC	5.263	6.072	6690014	23385897	8.652	9.692
3)	MA gamma-BHC...	5.686	6.468	6525916	22356205	8.655	9.935
6)	B beta-BHC	6.071	6.728	3894325	11727221	11.781	11.844
12)	B 4,4'-DDE	7.554	8.492	191224	416452	0.265	0.220
14)	MA Endrin	7.971	8.884	33481732	79800255	47.786	48.130
16)	A 4,4'-DDD	8.140	9.030	1145443	2962853	1.954	2.072m
17)	MA 4,4'-DDT	8.400	9.349	66115311	156.6E6	99.561	99.052
18)	B Endrin al...	8.475	9.256	551778	800790	0.968	0.645 #
20)	A Methoxychlor	8.996	9.837	92398667	195.7E6	219.008	236.249
21)	B Endrin ke...	9.221	9.990	1343398	1952881	1.613	1.180 #

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

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Acq On : 03 Feb 2022 09:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

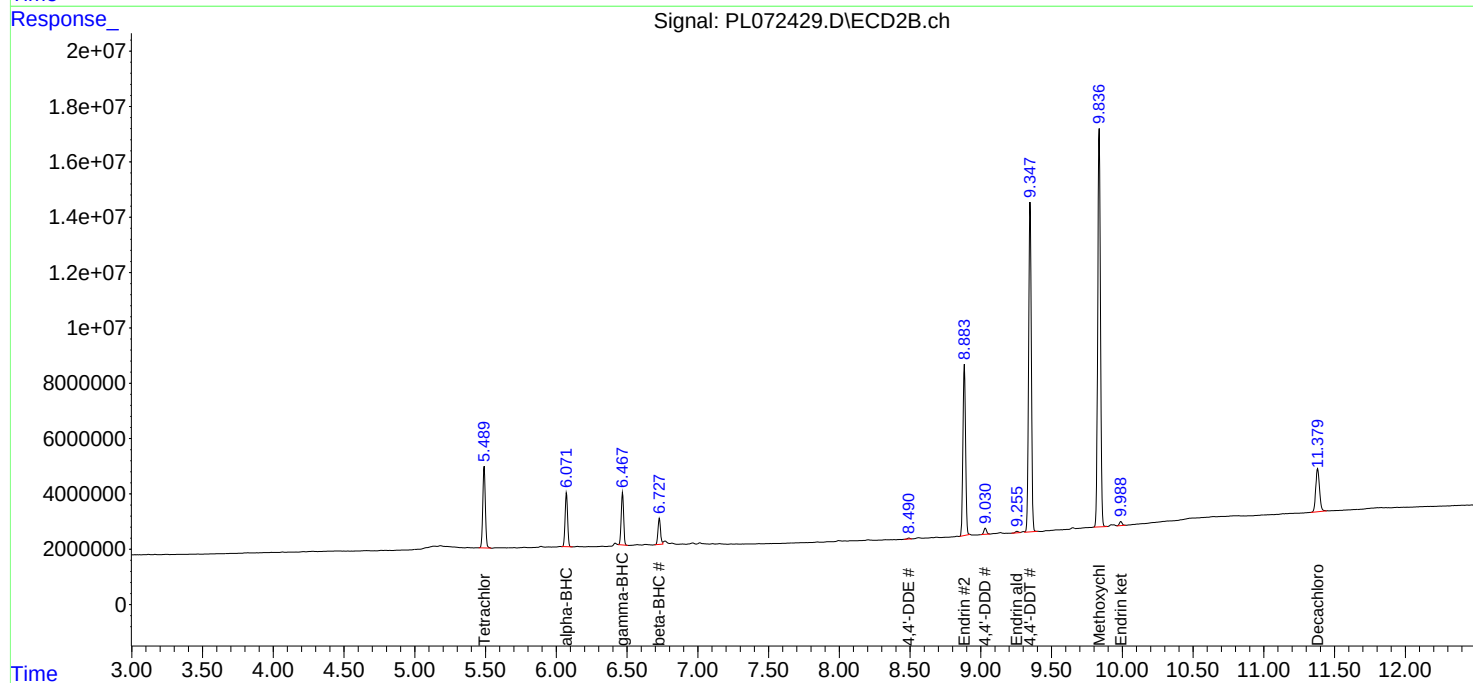
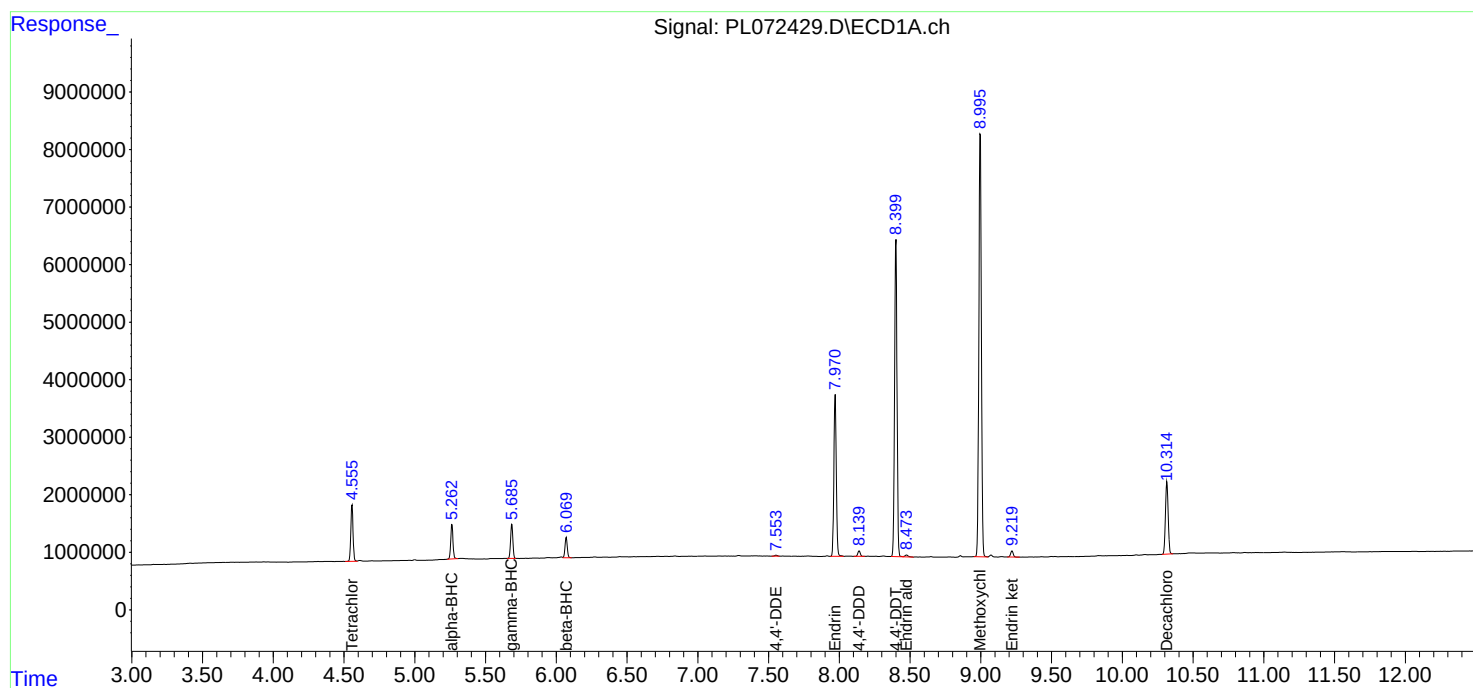
Instrument :
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PEM

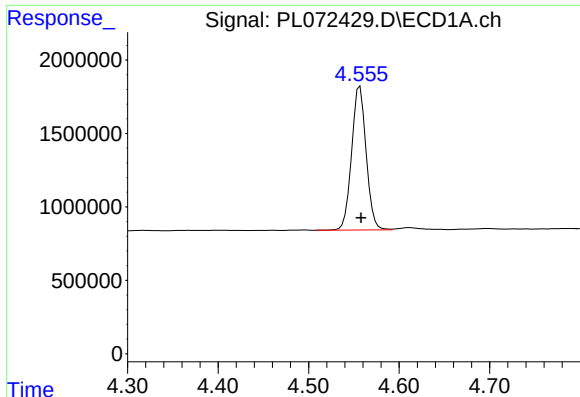
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Integration File signal 1: autoint1.e
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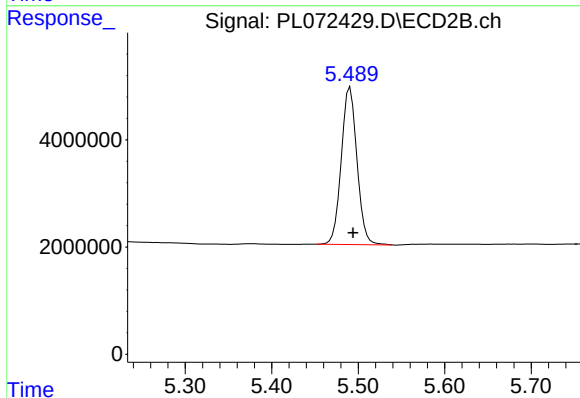
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: -0.001 min
Response: 10926909
Conc: 19.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

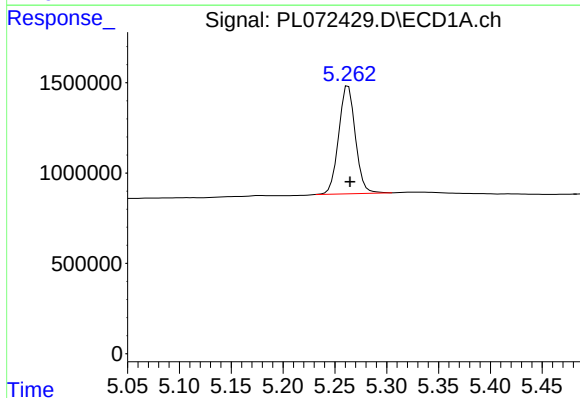
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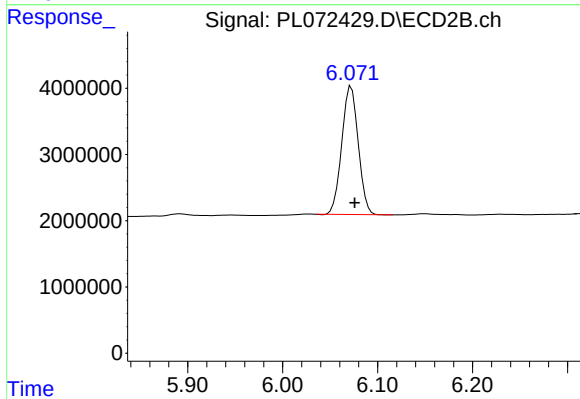
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 36719102
Conc: 22.61 ng/ml



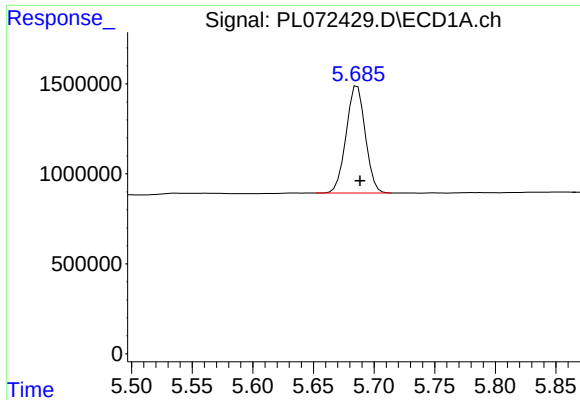
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 6690014
Conc: 8.65 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 23385897
Conc: 9.69 ng/ml



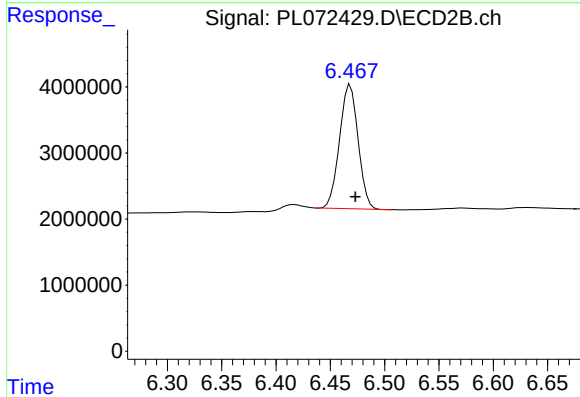
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 6525916
Conc: 8.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

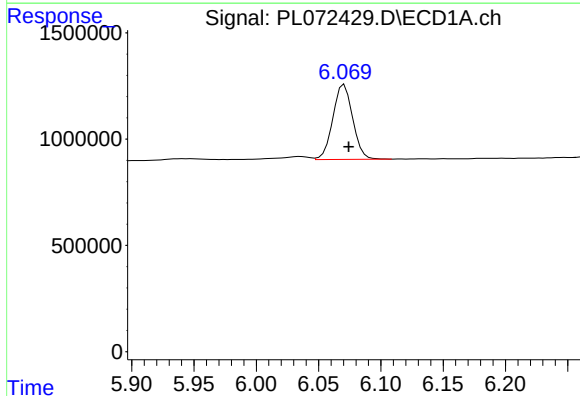
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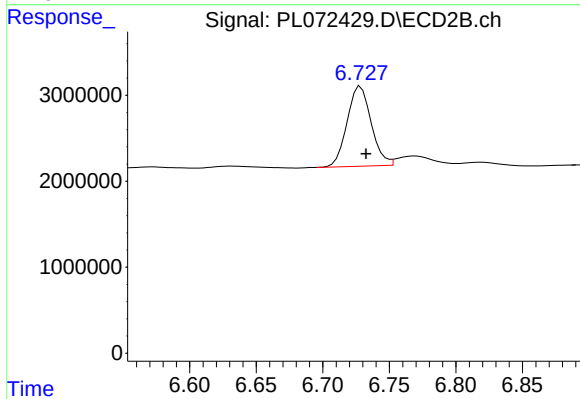
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 22356205
Conc: 9.93 ng/ml



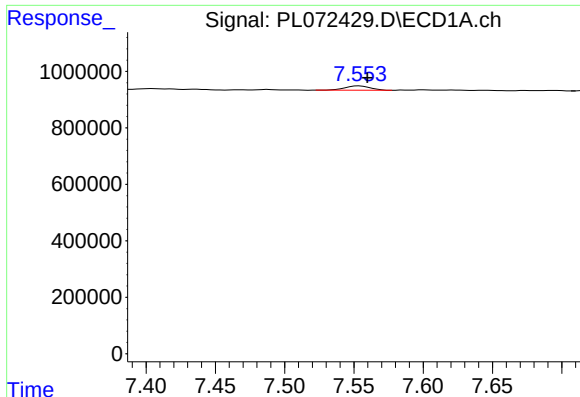
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 3894325
Conc: 11.78 ng/ml



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.004 min
Response: 11727221
Conc: 11.84 ng/ml



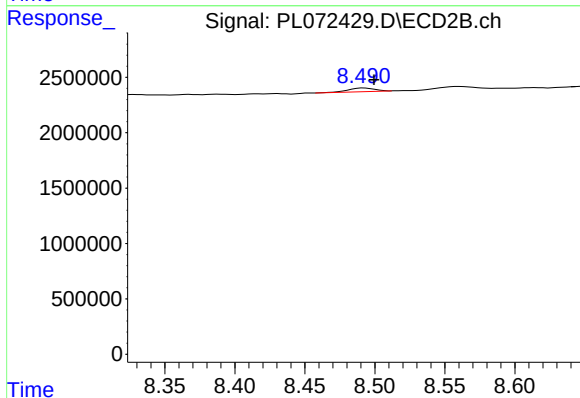
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 191224
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

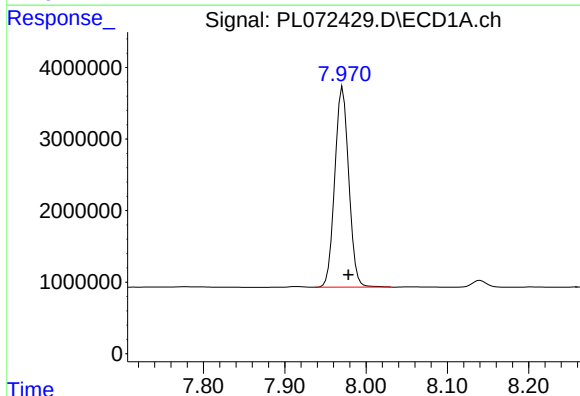
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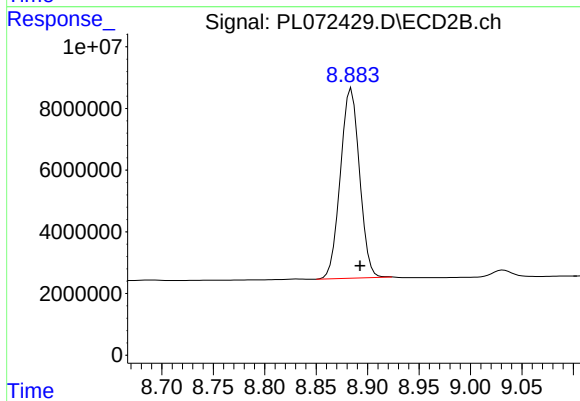
#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 416452
Conc: 0.22 ng/ml



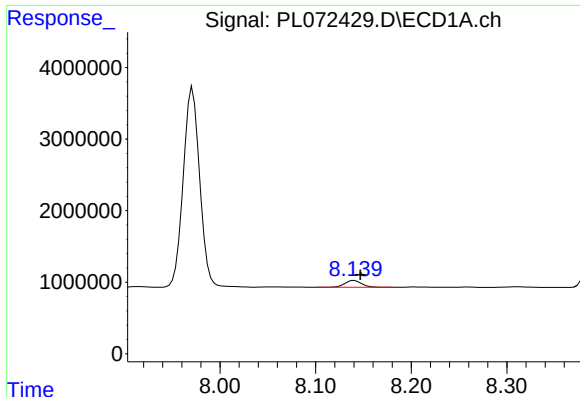
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 33481732
Conc: 47.79 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.009 min
Response: 79800255
Conc: 48.13 ng/ml



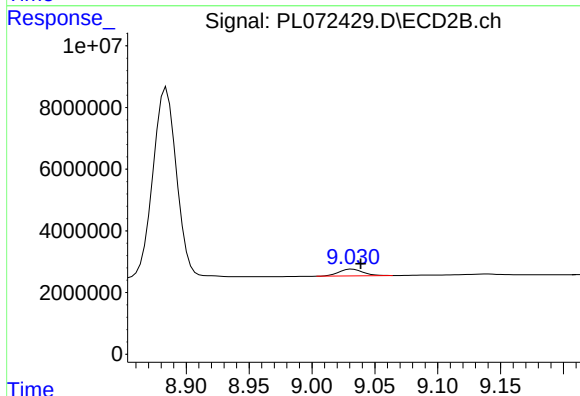
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.006 min
Response: 1145443
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

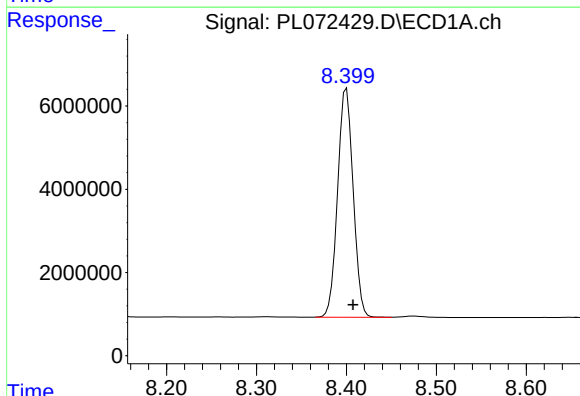
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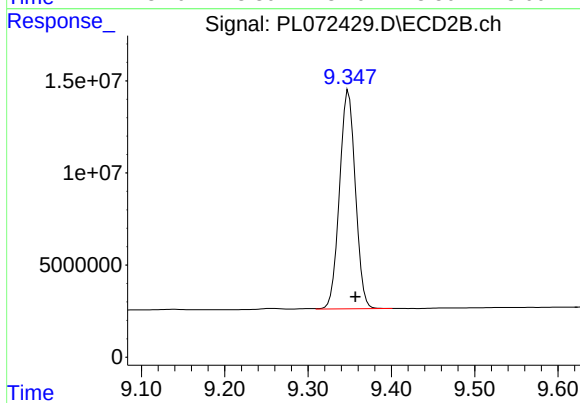
#16 4,4'-DDD

R.T.: 9.030 min
Delta R.T.: -0.008 min
Response: 2962853
Conc: 2.07 ng/ml m



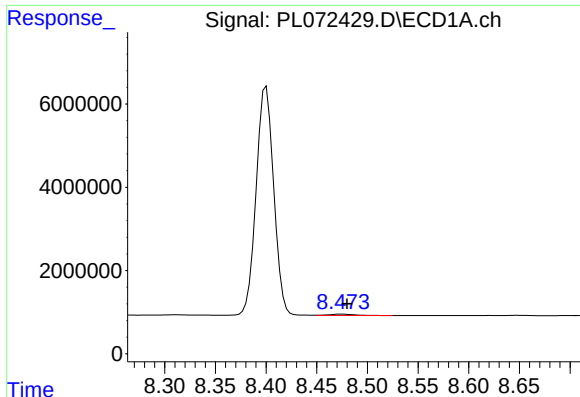
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.007 min
Response: 66115311
Conc: 99.56 ng/ml



#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.008 min
Response: 156555784
Conc: 99.05 ng/ml



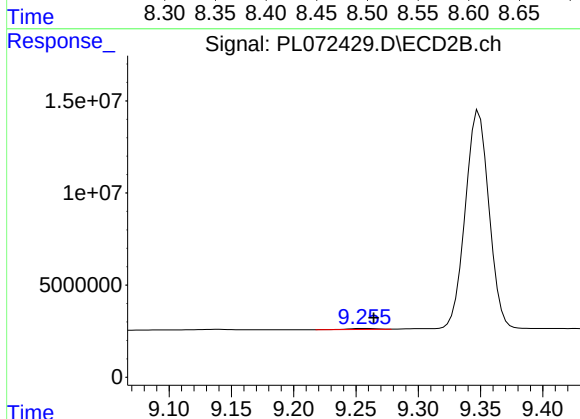
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: -0.005 min
Response: 551778
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

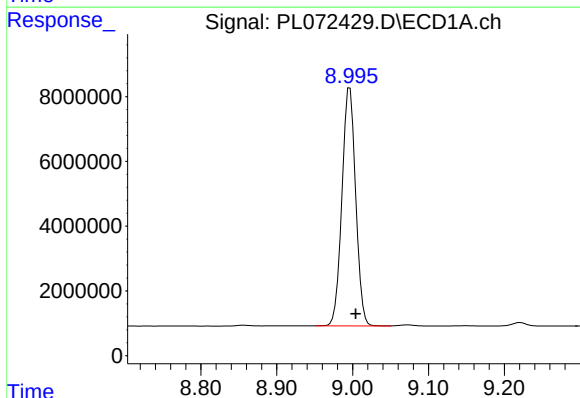
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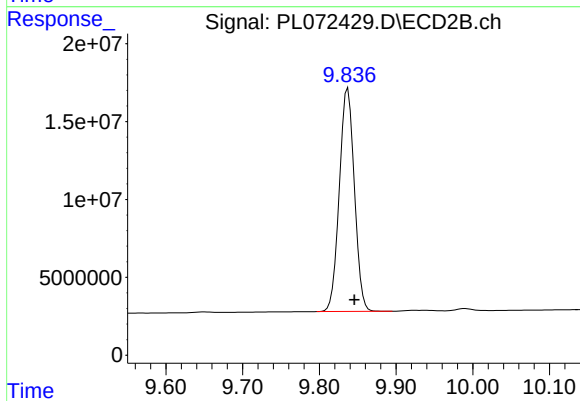
#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 800790
Conc: 0.65 ng/ml



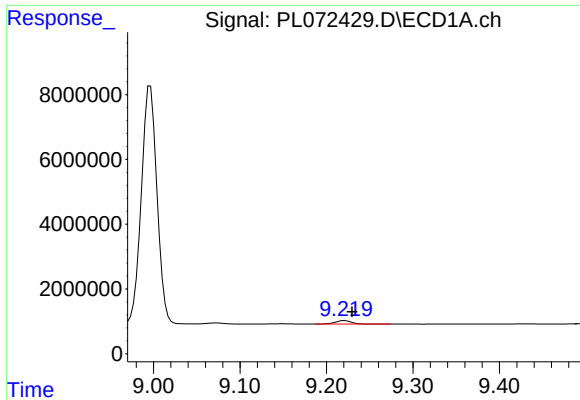
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.008 min
Response: 92398667
Conc: 219.01 ng/ml



#20 Methoxychlor

R.T.: 9.837 min
Delta R.T.: -0.008 min
Response: 195696845
Conc: 236.25 ng/ml



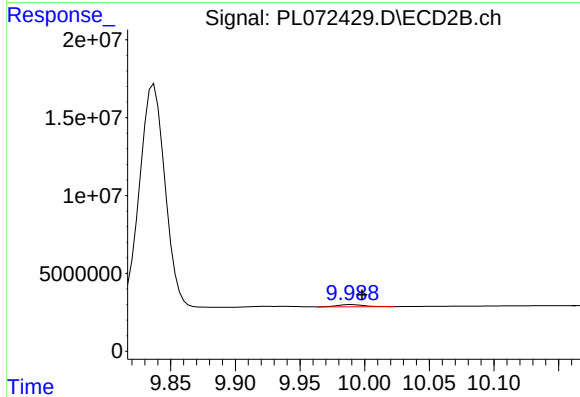
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.009 min
Response: 1343398
Conc: 1.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

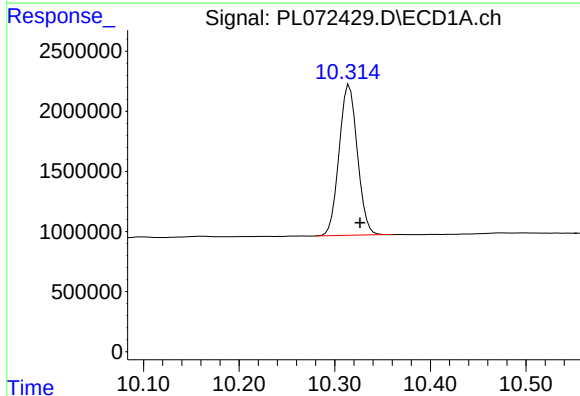
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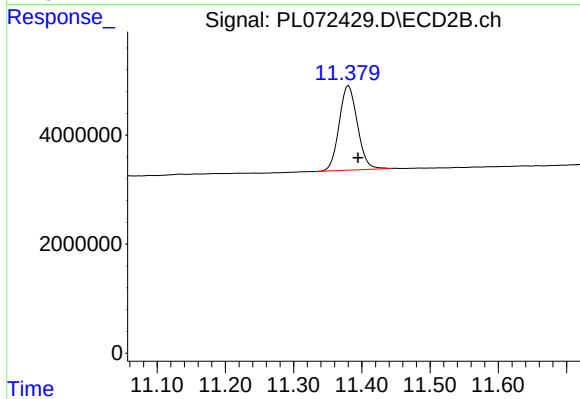
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 1952881
Conc: 1.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.013 min
Response: 16654558
Conc: 18.75 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.014 min
Response: 28759695
Conc: 17.82 ng/ml