

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2021 20:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:54:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.566	5.501	9885374	26620245	20.182	21.113
28)	SA Decachlor...	10.327	11.389	13461217	25947332	19.700	19.402
Target Compounds							
2)	A alpha-BHC	5.272	6.080	5814536	17954065	8.686	9.753
3)	MA gamma-BHC...	5.694	6.476	5904974	16880625	8.803	9.735
6)	B beta-BHC	6.077	6.733	3474774	9812195	10.697	11.452
12)	B 4,4'-DDE	7.563	8.498	134596	386994	0.231m	0.262m
14)	MA Endrin	7.982	8.892	26741191	61263831	47.165	52.891
16)	A 4,4'-DDD	8.150	9.038	2843949	6324236	5.597	5.255
17)	MA 4,4'-DDT	8.410	9.355	48880850	112.1E6	88.878	88.858
18)	B Endrin al...	8.482	9.261	484438	853811	1.066	0.883m
20)	A Methoxychlor	9.005	9.841	70214823	142.9E6	191.927m	211.143
21)	B Endrin ke...	9.229	9.995	2203668	2856673	3.082	1.990 #

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

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Acq On : 17 Nov 2021 20:50
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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

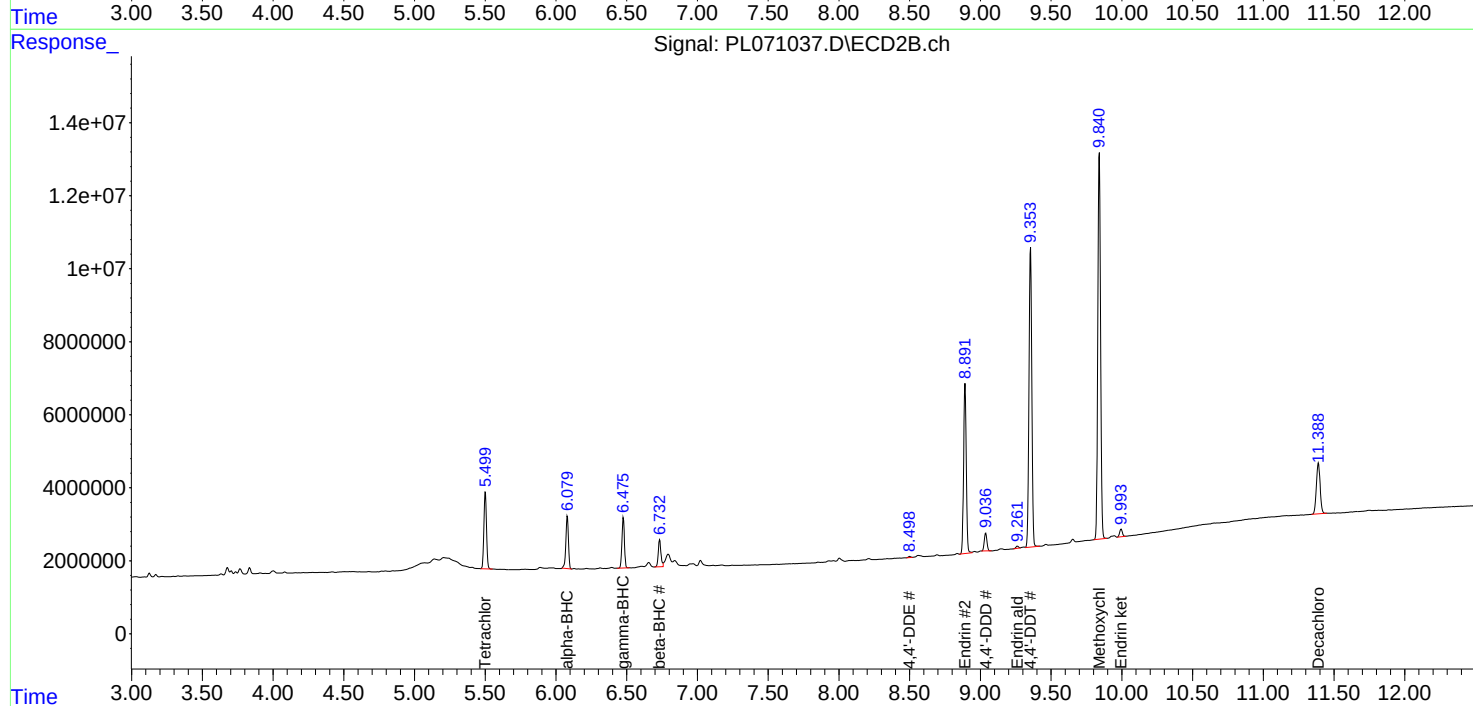
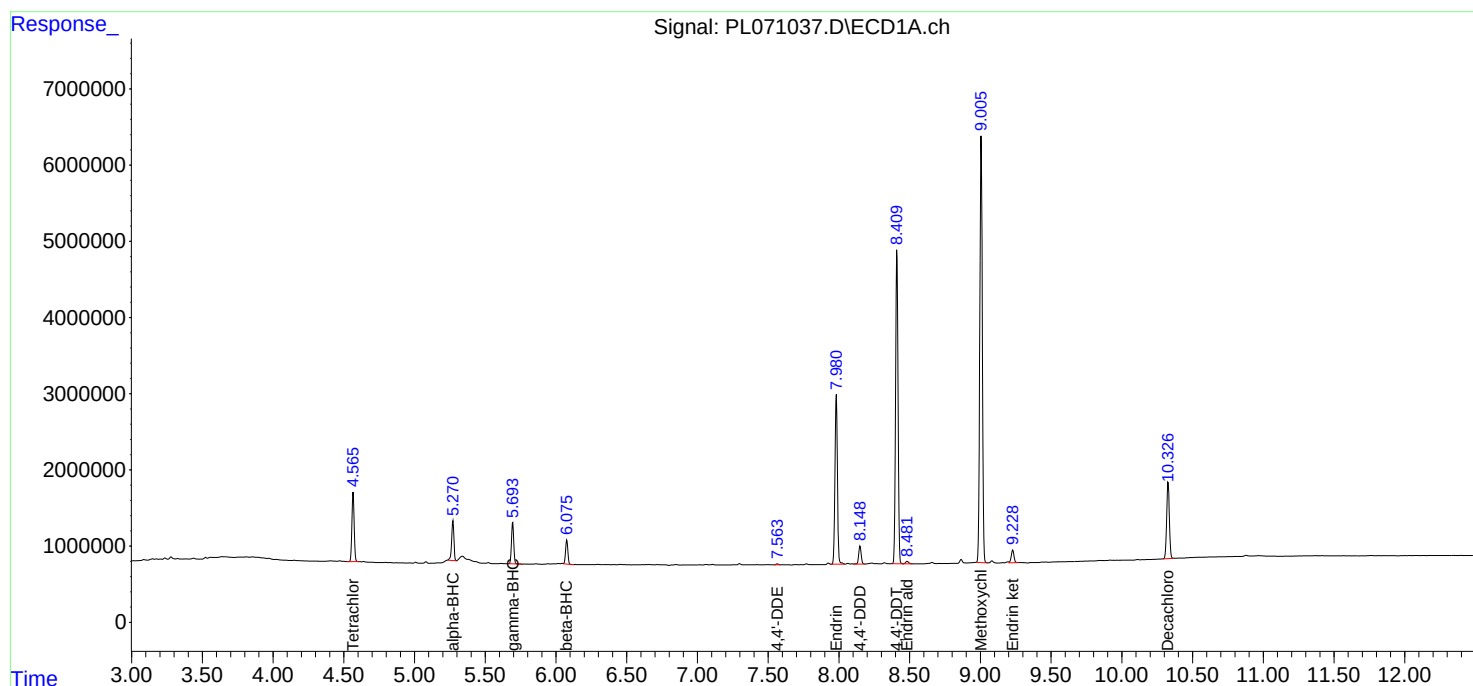
Instrument :
ECD_L
ClientSampleId :
PEM

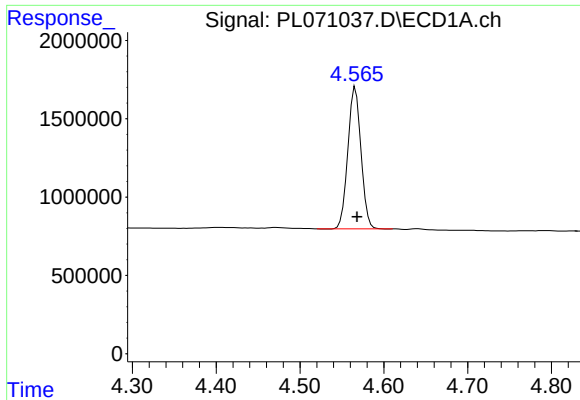
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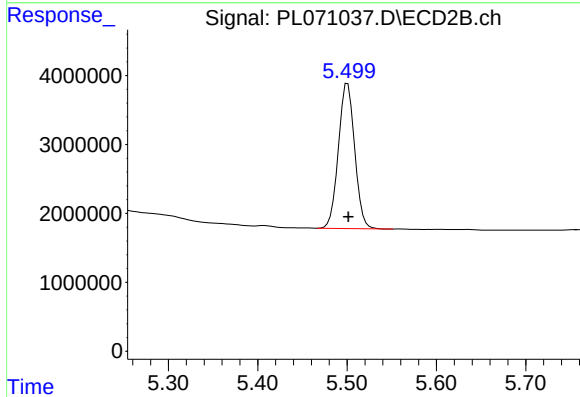
#1 Tetrachloro-m-xylene

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 9885374
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

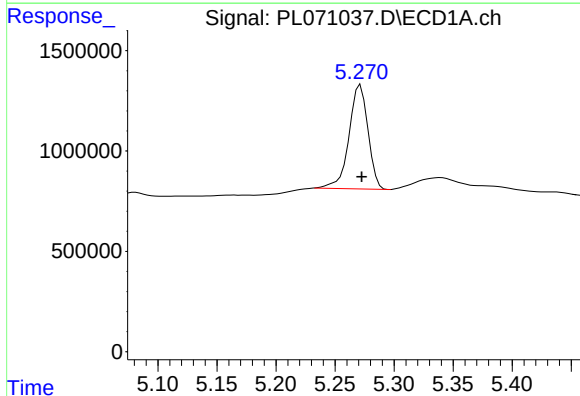
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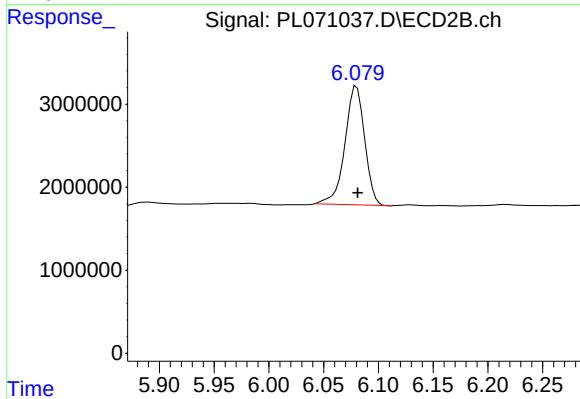
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 26620245
Conc: 21.11 ng/ml



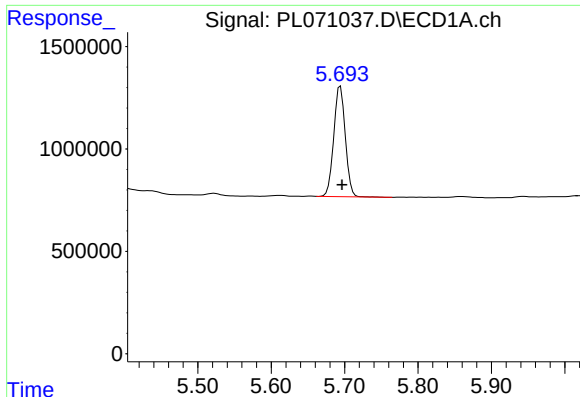
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 5814536
Conc: 8.69 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 17954065
Conc: 9.75 ng/ml



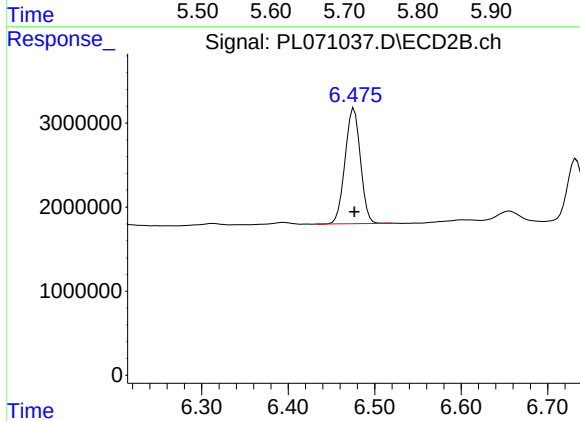
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 5904974
Conc: 8.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

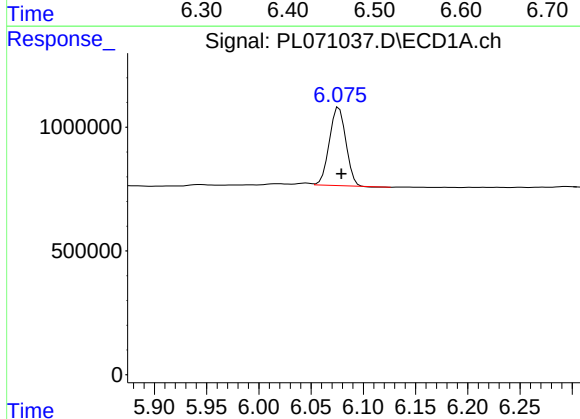
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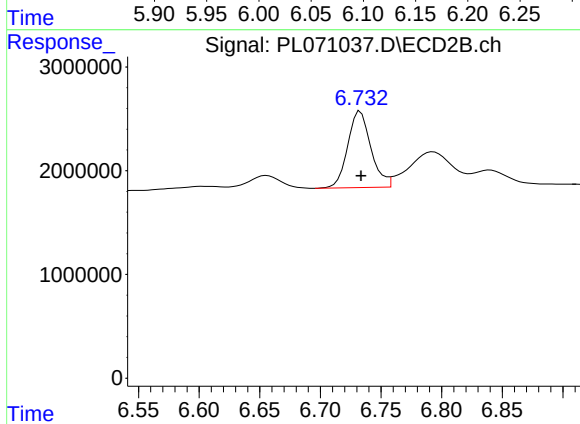
#3 gamma-BHC (Lindane)

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 16880625
Conc: 9.73 ng/ml



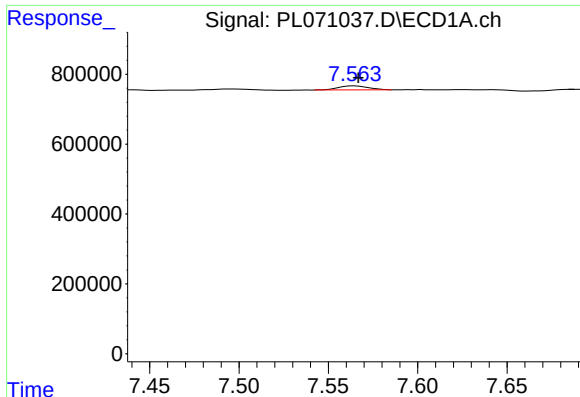
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 3474774
Conc: 10.70 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 9812195
Conc: 11.45 ng/ml



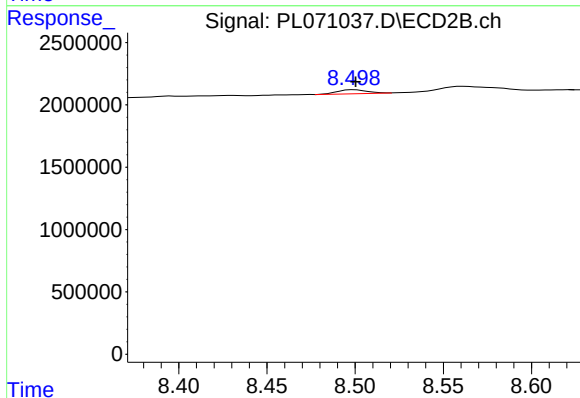
#12 4,4'-DDE

R.T.: 7.563 min
Delta R.T.: -0.004 min
Response: 134596
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

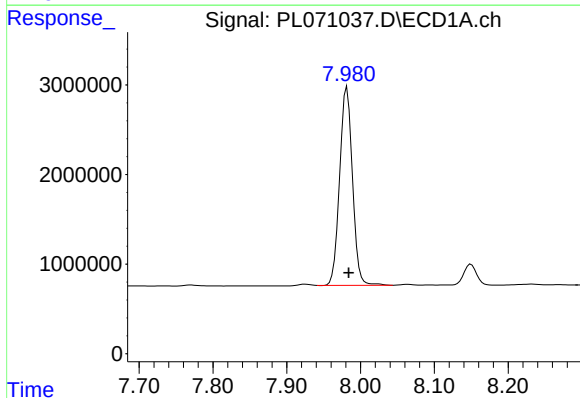
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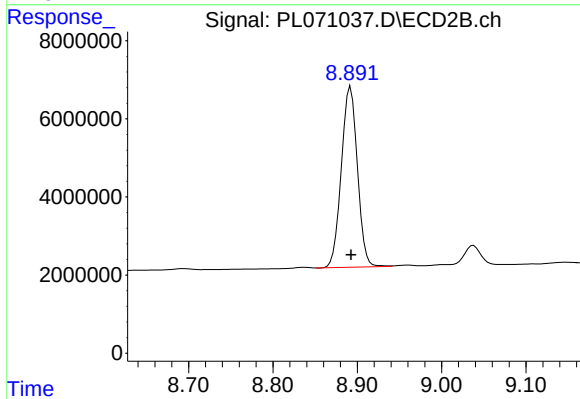
#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: -0.003 min
Response: 386994
Conc: 0.26 ng/ml m



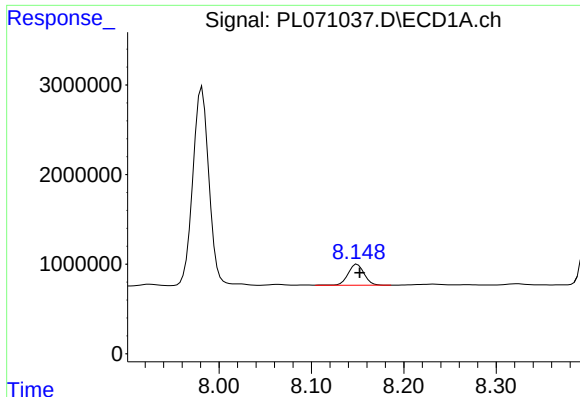
#14 Endrin

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 26741191
Conc: 47.17 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 61263831
Conc: 52.89 ng/ml



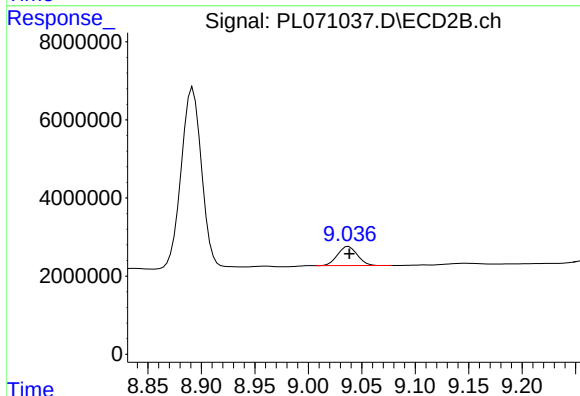
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 2843949
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

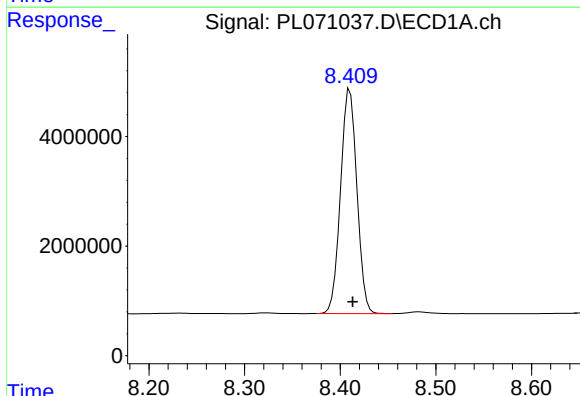
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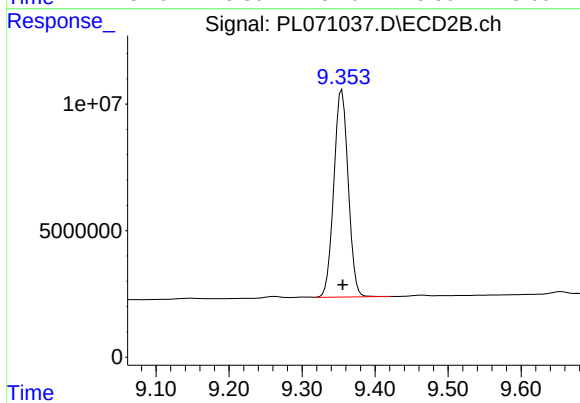
#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 6324236
Conc: 5.26 ng/ml



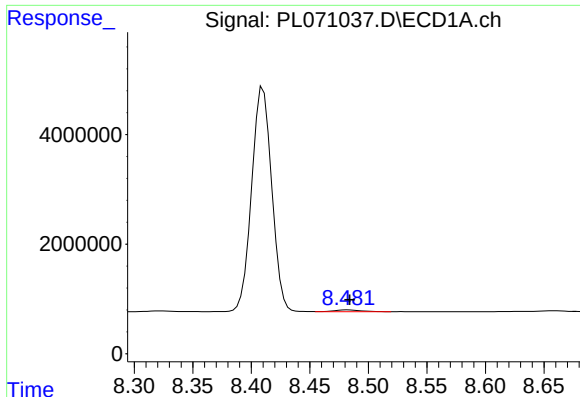
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 48880850
Conc: 88.88 ng/ml



#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: -0.001 min
Response: 112101403
Conc: 88.86 ng/ml



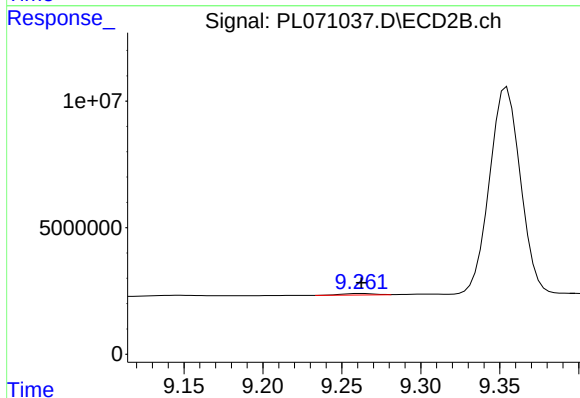
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 484438
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

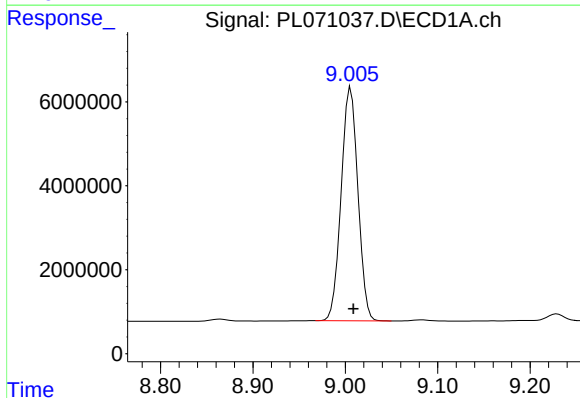
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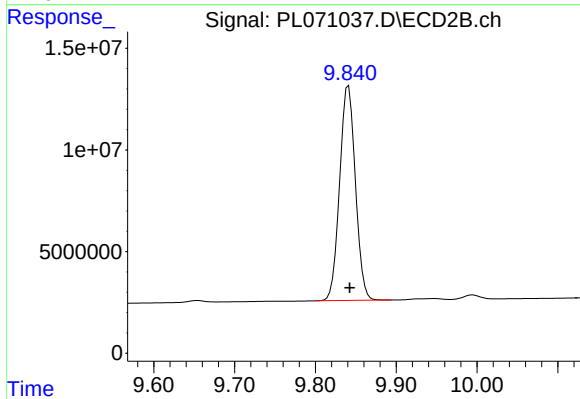
#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 853811
Conc: 0.88 ng/ml m



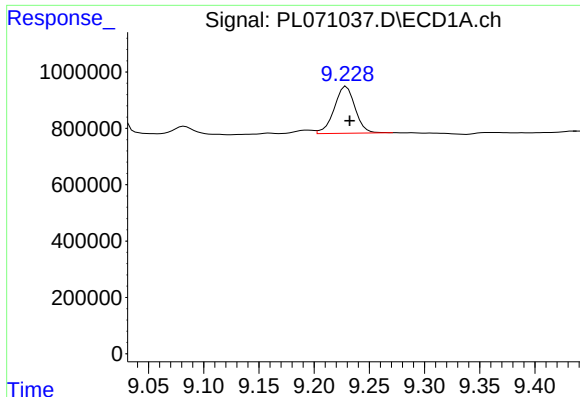
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: -0.004 min
Response: 70214823
Conc: 191.93 ng/ml m



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.002 min
Response: 142902237
Conc: 211.14 ng/ml



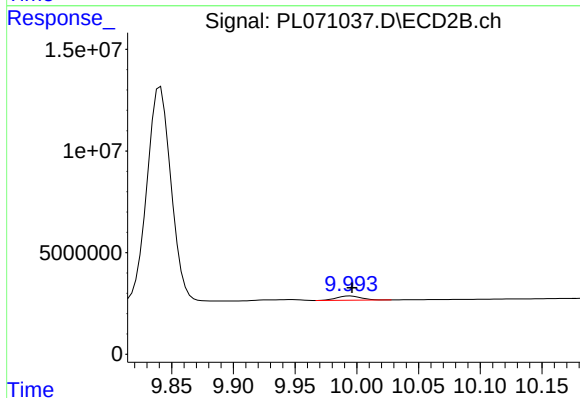
#21 Endrin ketone

R.T.: 9.229 min
Delta R.T.: -0.003 min
Response: 2203668
Conc: 3.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

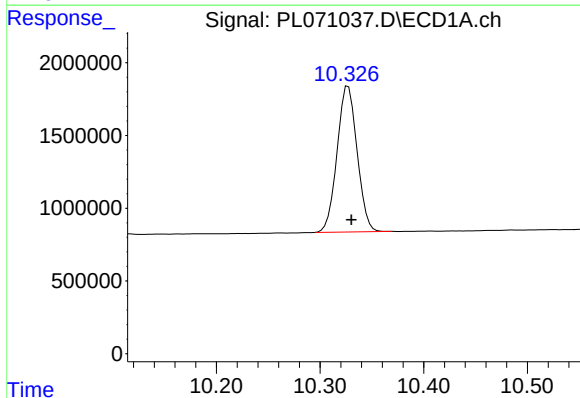
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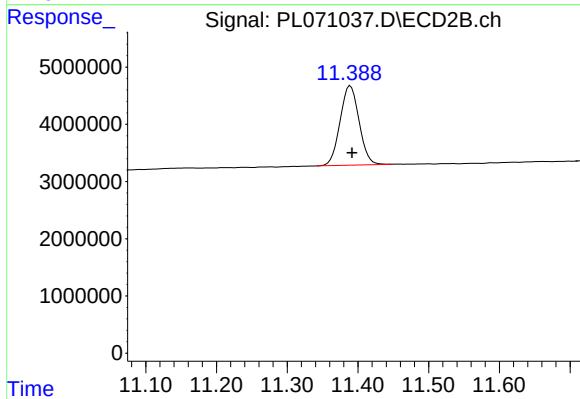
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2856673
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 13461217
Conc: 19.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 25947332
Conc: 19.40 ng/ml