

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100322\
 Data File : PL078073.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 02:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 06:38:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 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...	3.414	2.624	37432605	57619329	20.296	20.500
28)	SA Decachlor...	8.903	7.720	33441651	43161821	21.302	19.889
Target Compounds							
2)	A alpha-BHC	3.878	3.116	25472980	43990994	9.178	10.079
3)	MA gamma-BHC...	4.214	3.440	24765494	38985177	9.541	10.179
6)	B beta-BHC	4.427	3.740	11623778	18061527	10.138	11.300
14)	MA Endrin	6.458	5.444	77350526	128.2E6	45.435	49.331
16)	A 4,4'-DDD	6.599	5.601	1117779	2063790	0.766	0.869m
17)	MA 4,4'-DDT	6.910	5.850	155.7E6	240.7E6	94.127	98.633
18)	B Endrin al...	6.818	5.922	1095763	2671758	0.857	1.359 #
20)	A Methoxychlor	7.392	6.427	197.8E6	290.5E6	239.648	225.167
21)	B Endrin ke...	7.539	6.641	3572824	7683354	2.136	2.797 #

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

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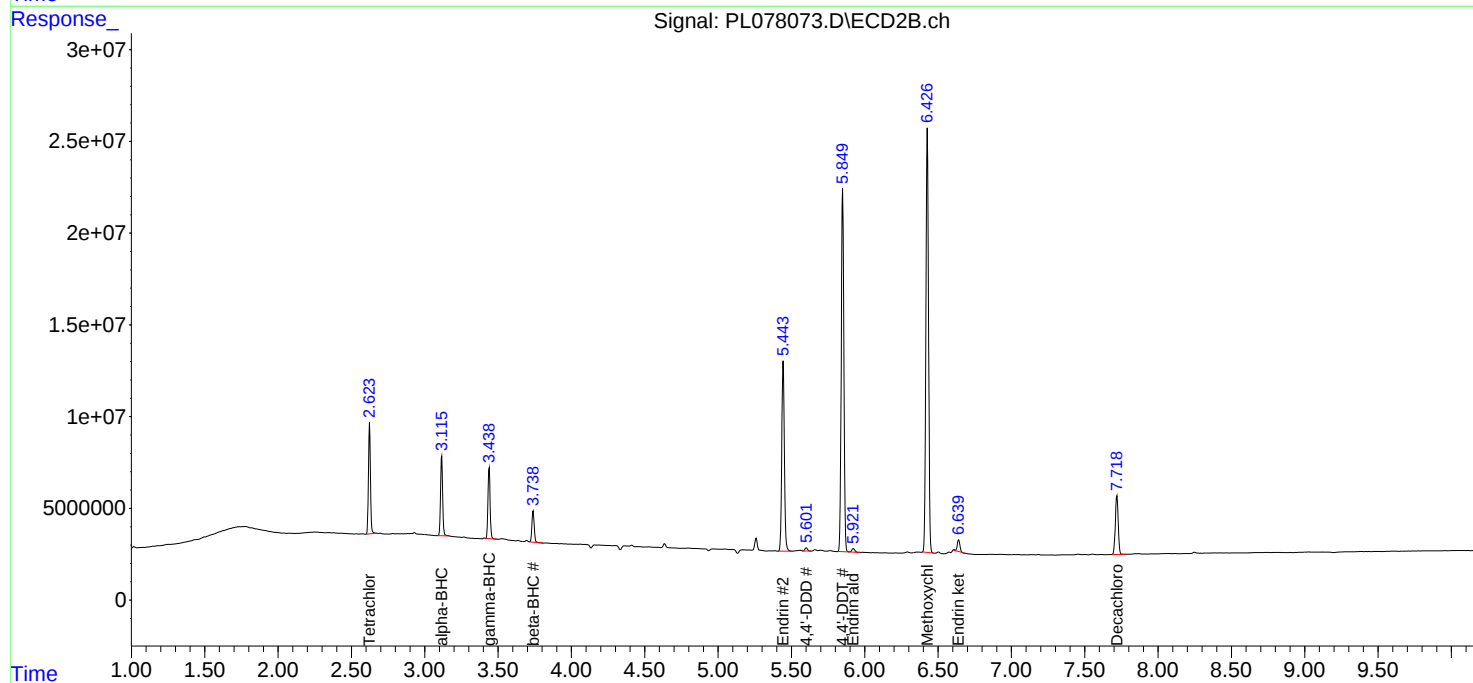
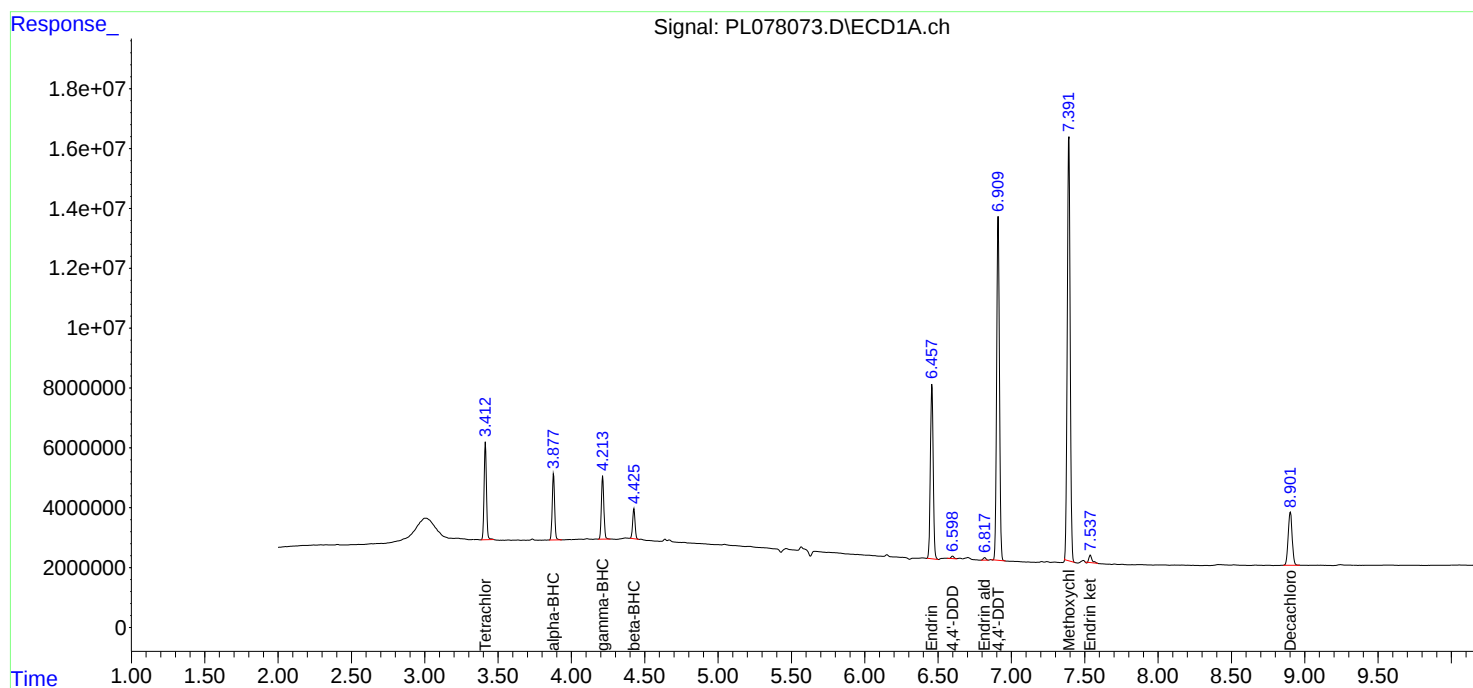
Instrument :
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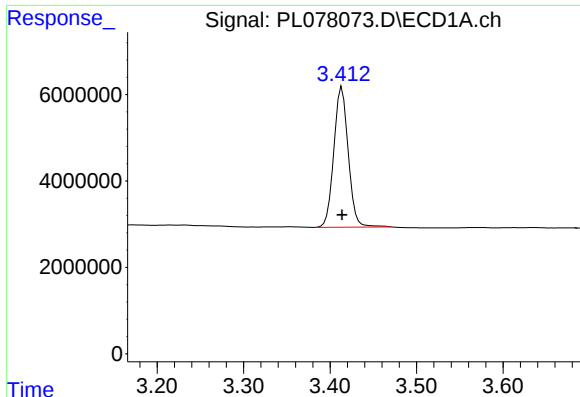
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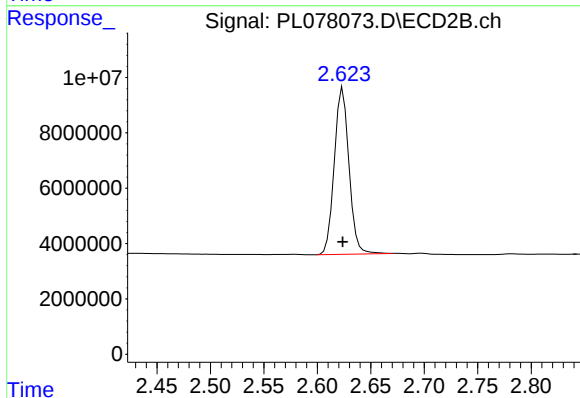
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 37432605
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

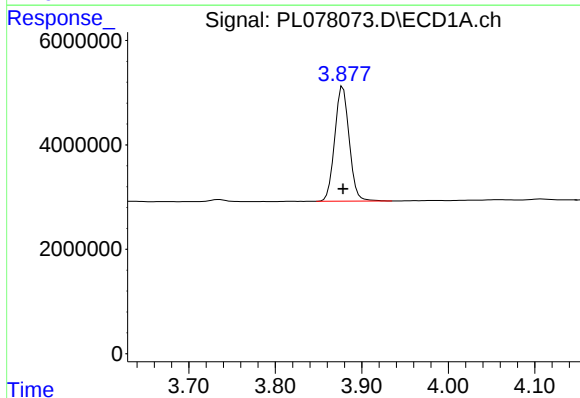
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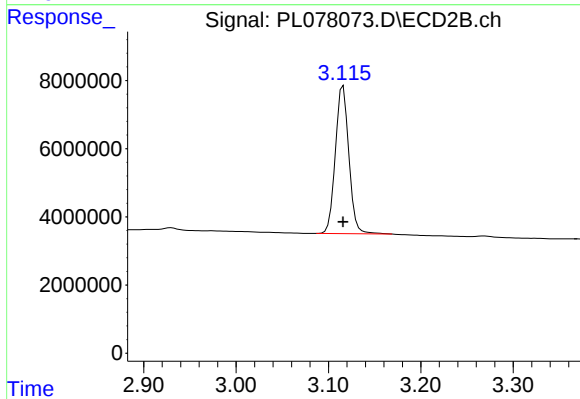
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 57619329
Conc: 20.50 ng/ml



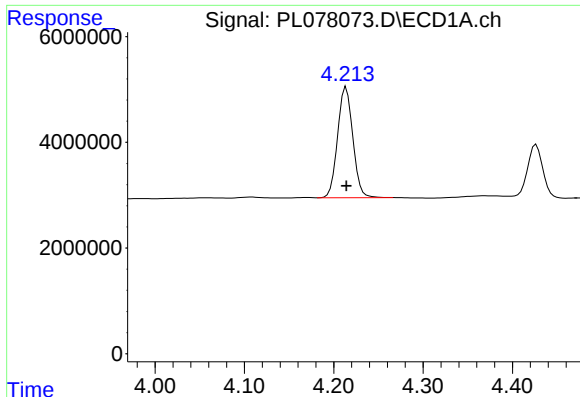
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 25472980
Conc: 9.18 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 43990994
Conc: 10.08 ng/ml



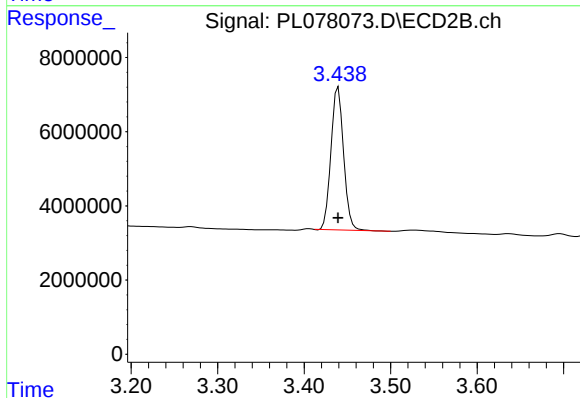
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 24765494
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

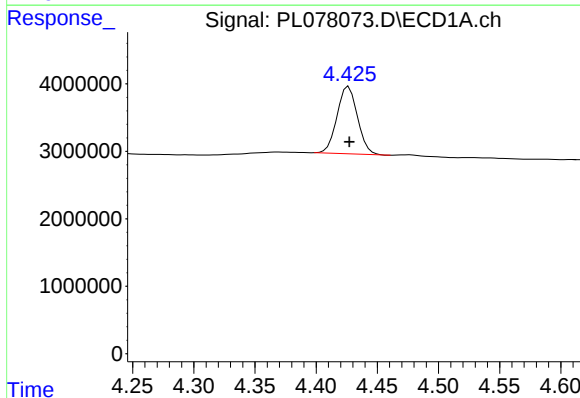
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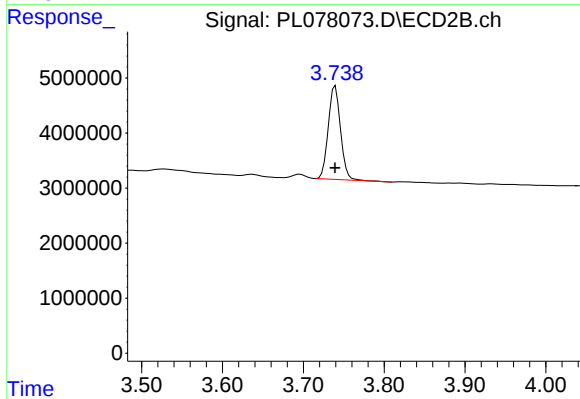
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 38985177
Conc: 10.18 ng/ml



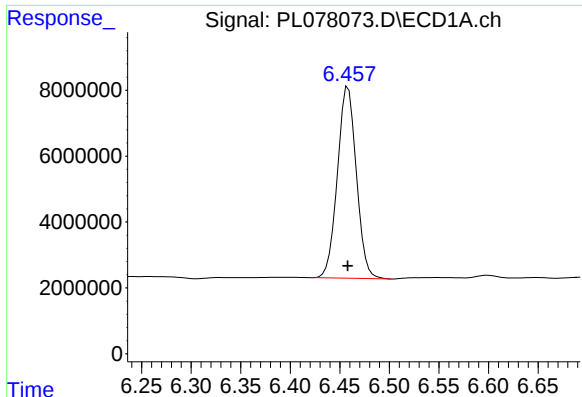
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 11623778
Conc: 10.14 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 18061527
Conc: 11.30 ng/ml



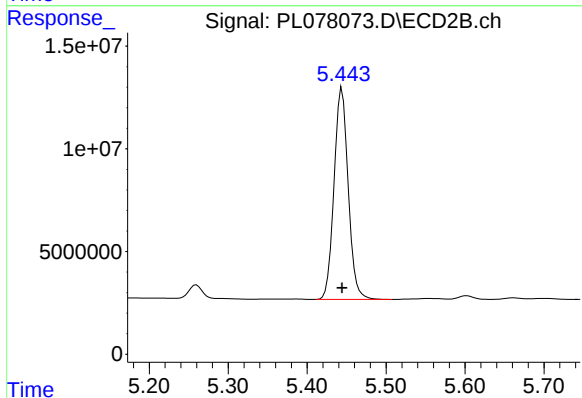
#14 Endrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 77350526
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

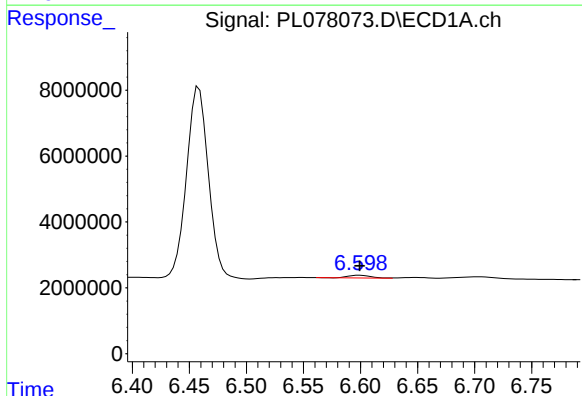
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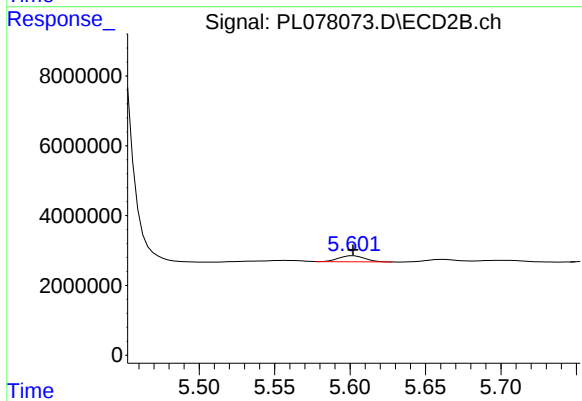
#14 Endrin

R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 128207622
Conc: 49.33 ng/ml



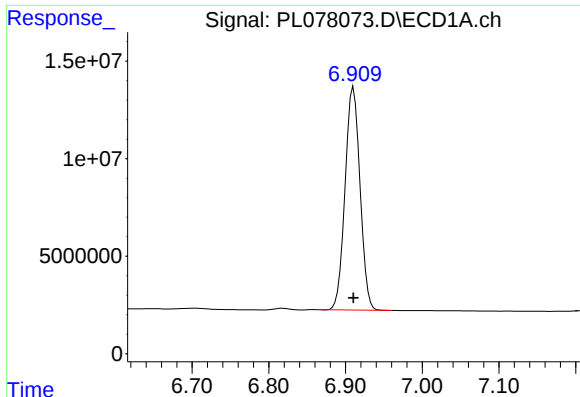
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 1117779
Conc: 0.77 ng/ml



#16 4,4'-DDD

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 2063790
Conc: 0.87 ng/ml m



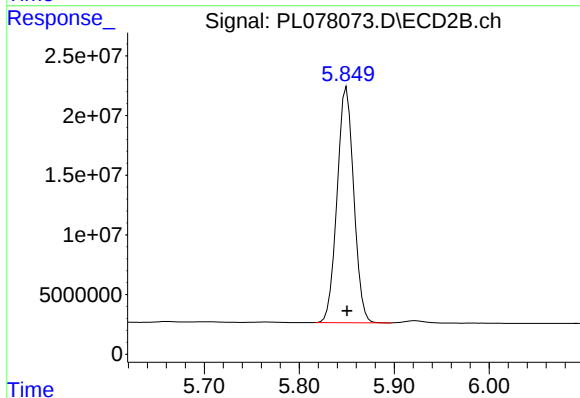
#17 4,4'-DDT

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 155681083
Conc: 94.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

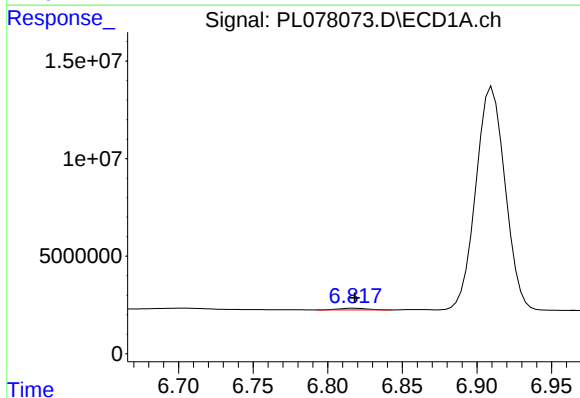
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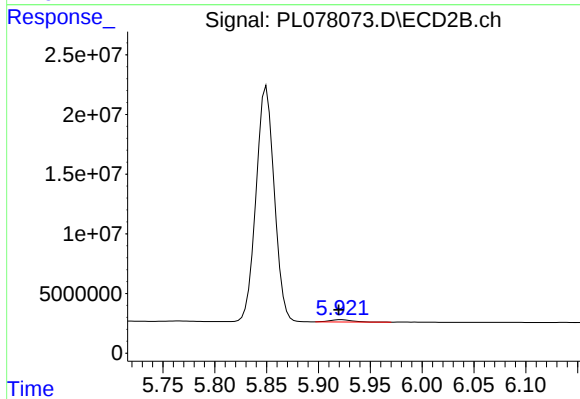
#17 4,4'-DDT

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 240698630
Conc: 98.63 ng/ml



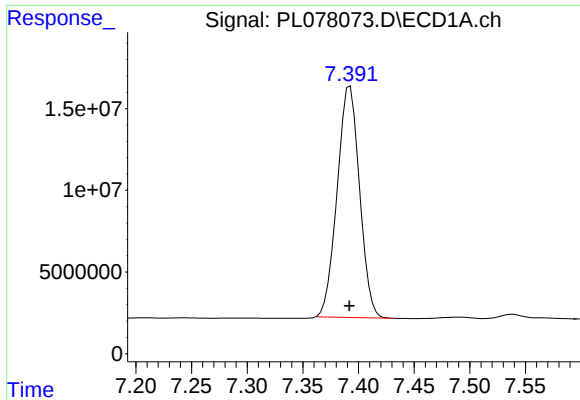
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 1095763
Conc: 0.86 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: 0.003 min
Response: 2671758
Conc: 1.36 ng/ml



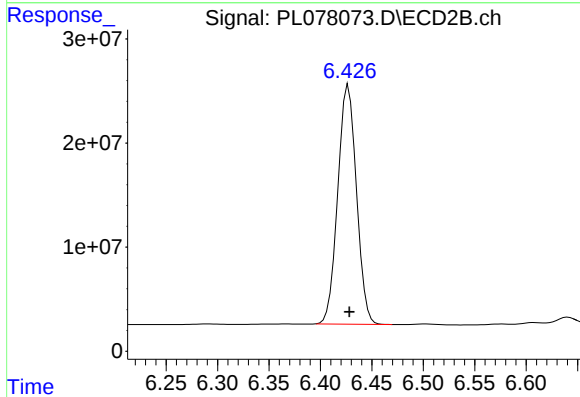
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: 0.000 min
Response: 197825092
Conc: 239.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

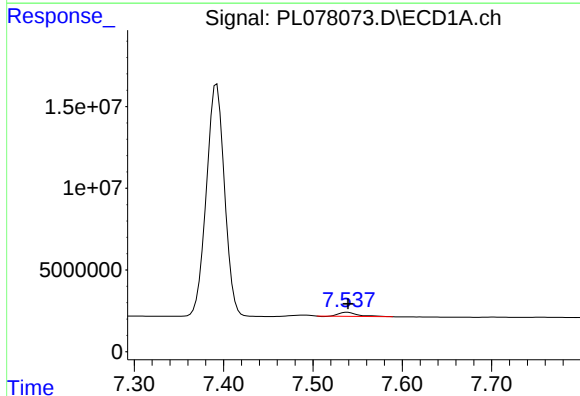
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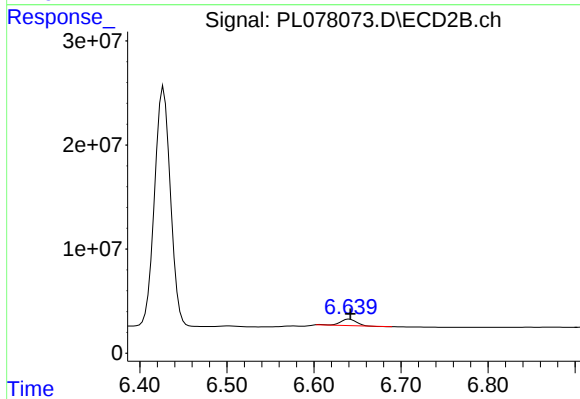
#20 Methoxychlor

R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 290484100
Conc: 225.17 ng/ml



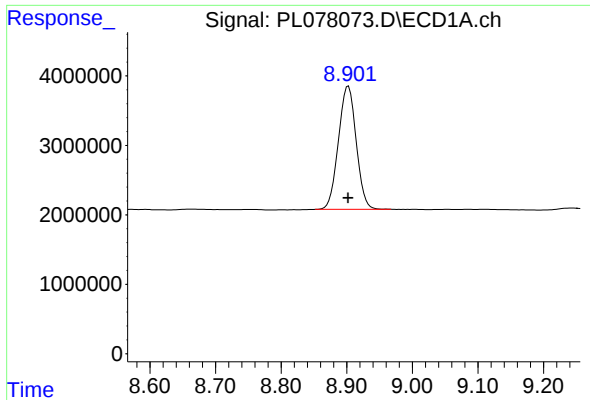
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 3572824
Conc: 2.14 ng/ml



#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: -0.001 min
Response: 7683354
Conc: 2.80 ng/ml



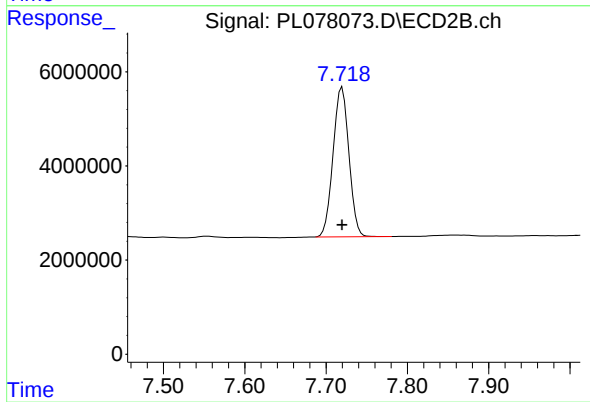
#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: 0.000 min
Response: 33441651
Conc: 21.30 ng/ml

Instrument :
ECD_L
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#28 Decachlorobiphenyl

R.T.: 7.720 min
Delta R.T.: 0.000 min
Response: 43161821
Conc: 19.89 ng/ml