

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080822\
 Data File : PL076970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2022 17:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2022
 Supervised By :Ankita Jodhani 08/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 07:47:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 07:17:56 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...	3.419	2.636	19826510	58388845	20.220	20.397
28)	SA Decachlor...	8.908	7.740	16197705	47842880	21.455	21.252
Target Compounds							
2)	A alpha-BHC	3.884	3.130	13019331	42746651	9.405	10.080
3)	MA gamma-BHC...	4.219	3.454	12748226	38507489	9.969	10.093
6)	B beta-BHC	4.431	3.752	6076733	16870343	10.826	10.797
14)	MA Endrin	6.463	5.463	39096780	119.9E6	48.040	47.183
16)	A 4,4'-DDD	6.592	5.622	689582	1145096	0.905m	0.508 #
17)	MA 4,4'-DDT	6.914	5.869	82202868	250.0E6	106.973	110.277
18)	B Endrin al...	6.822	5.939	1474366	4447242	2.045	2.262
20)	A Methoxychlor	7.395	6.447	110.8E6	304.7E6	249.509	253.313
21)	B Endrin ke...	7.543	6.660	2674110	9345644	2.952	3.674

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

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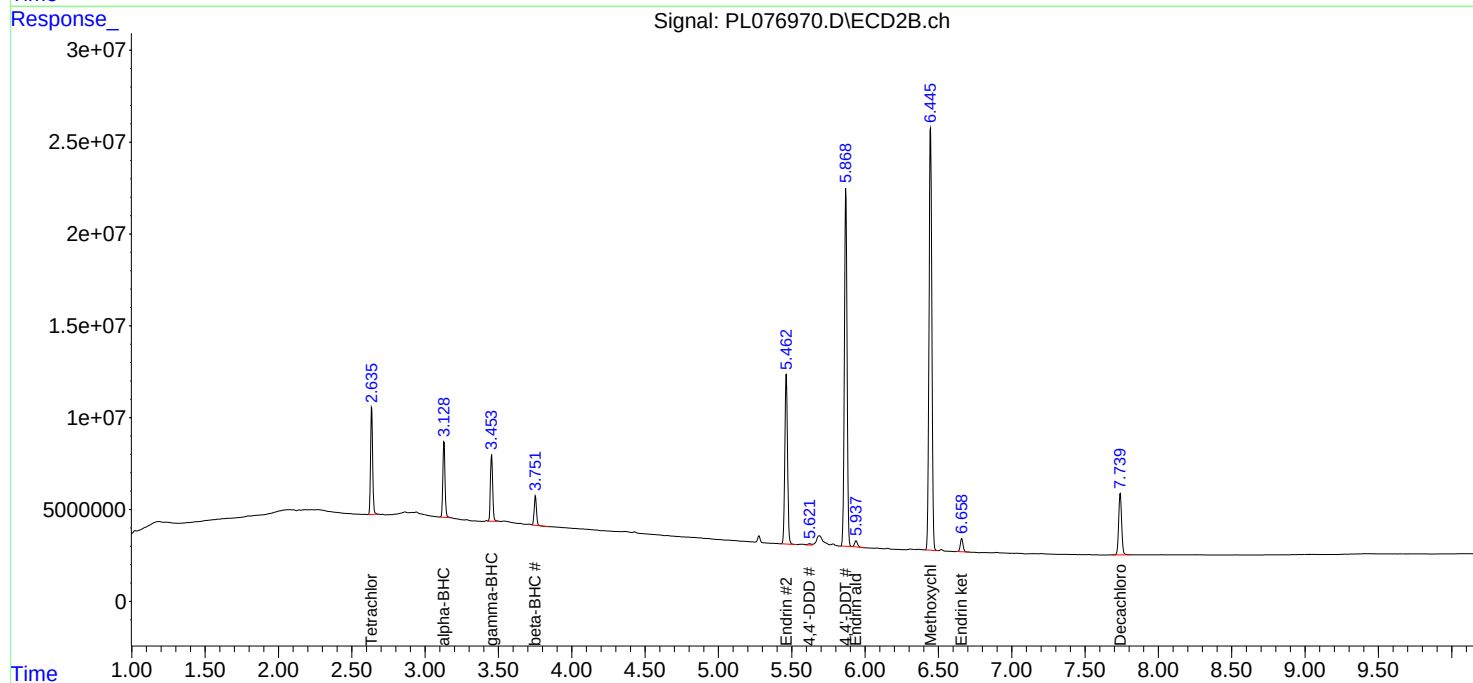
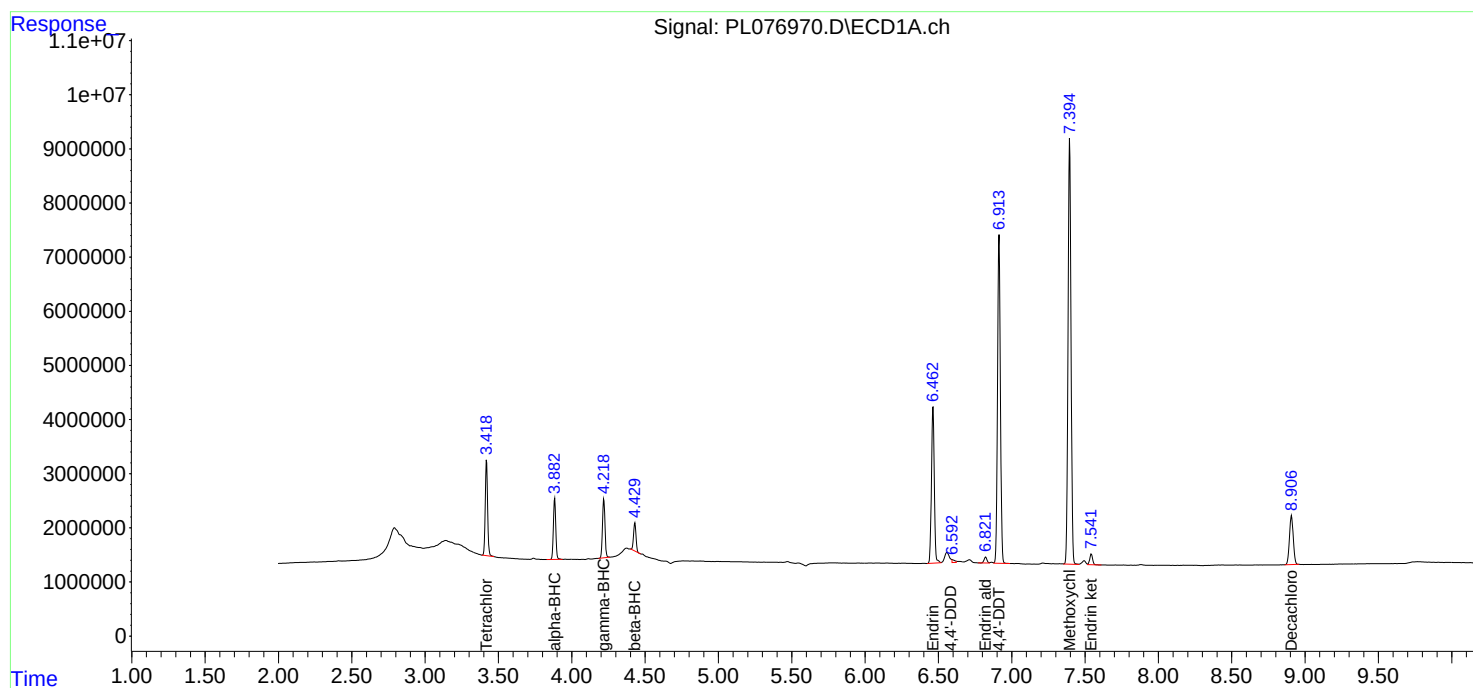
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ECD_L
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PEM

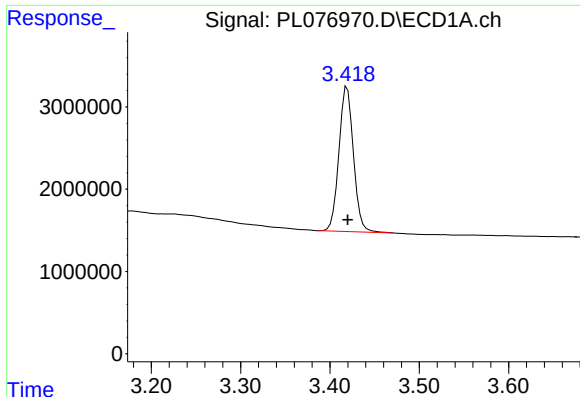
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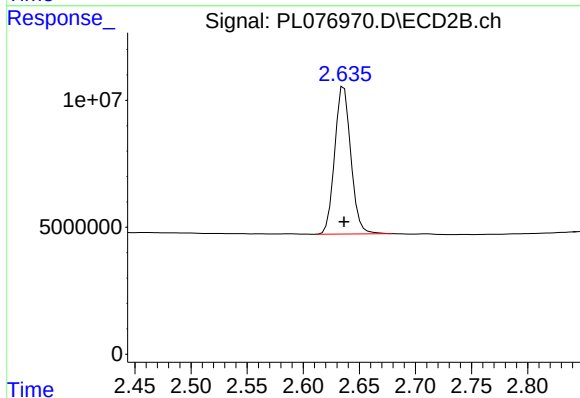
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 19826510
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

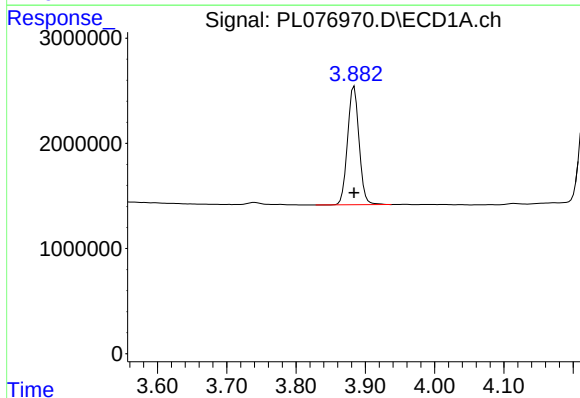
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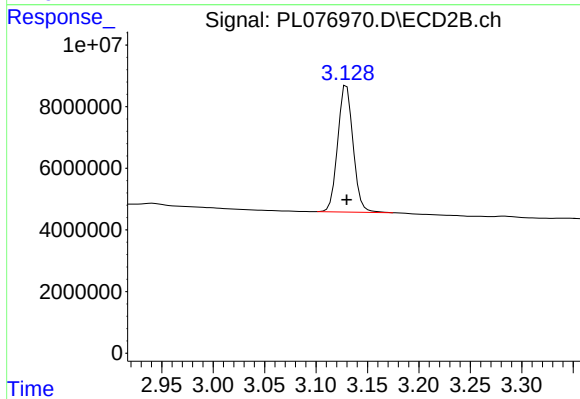
#1 Tetrachloro-m-xylene

R.T.: 2.636 min
Delta R.T.: 0.000 min
Response: 58388845
Conc: 20.40 ng/ml



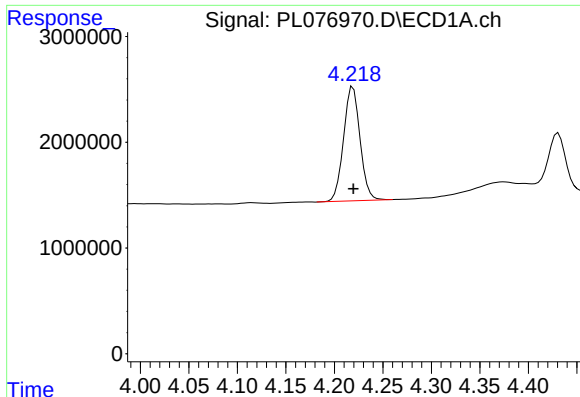
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 13019331
Conc: 9.41 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: 0.000 min
Response: 42746651
Conc: 10.08 ng/ml



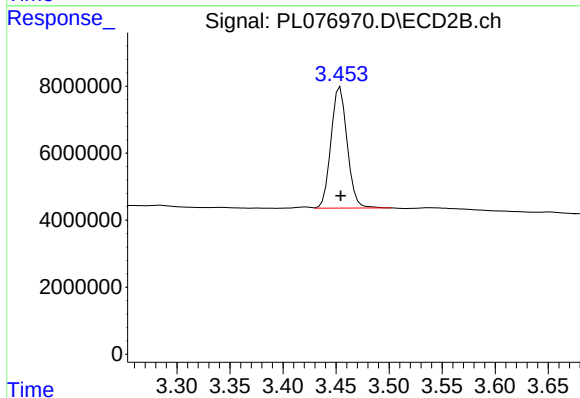
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 12748226
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

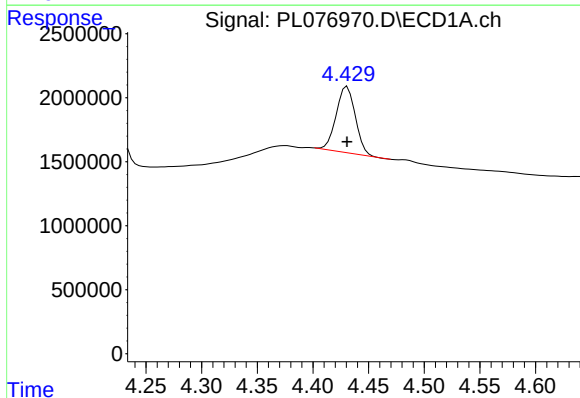
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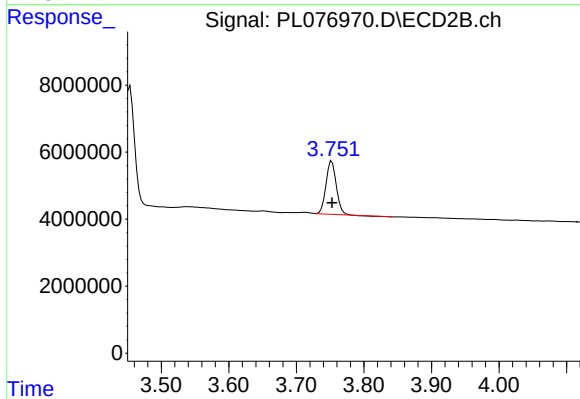
#3 gamma-BHC (Lindane)

R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 38507489
Conc: 10.09 ng/ml



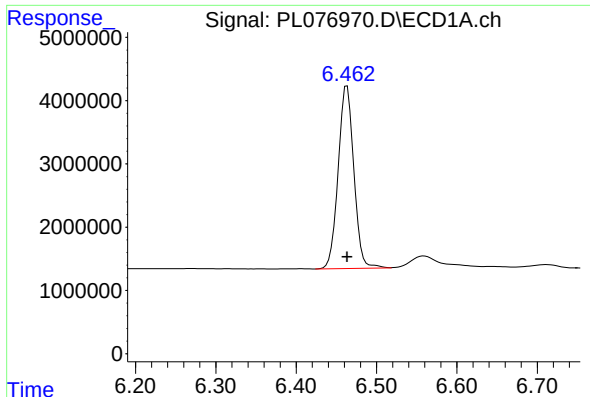
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6076733
Conc: 10.83 ng/ml



#6 beta-BHC

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 16870343
Conc: 10.80 ng/ml



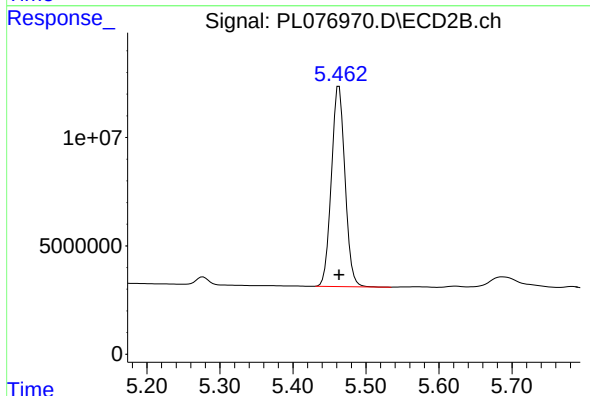
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 39096780
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

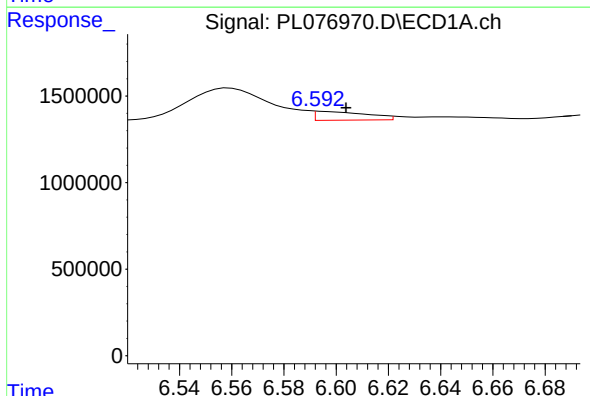
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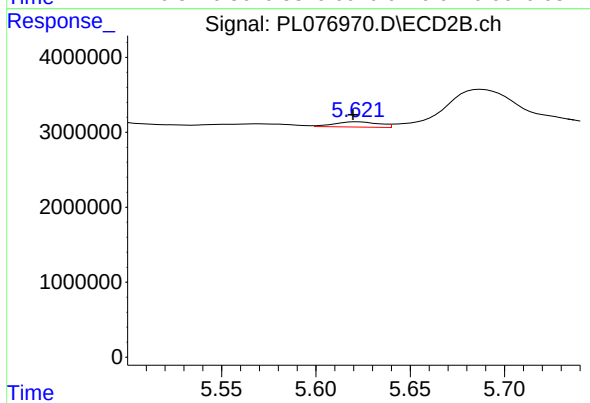
#14 Endrin

R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 119859218
Conc: 47.18 ng/ml



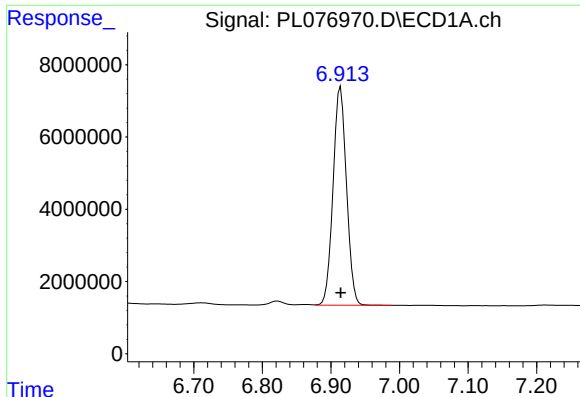
#16 4,4'-DDD

R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 689582
Conc: 0.91 ng/ml m



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: 0.003 min
Response: 1145096
Conc: 0.51 ng/ml



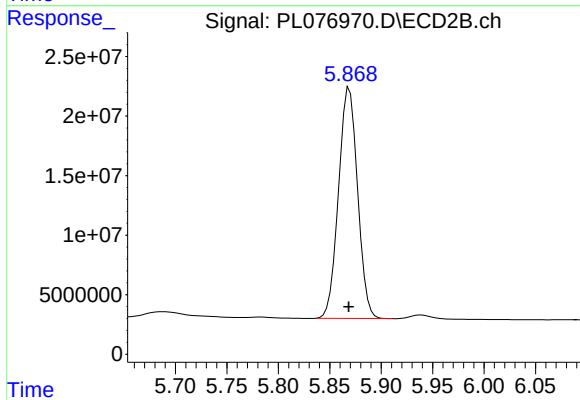
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 82202868
Conc: 106.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

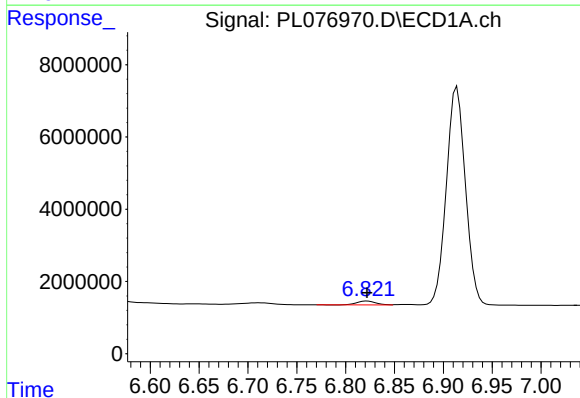
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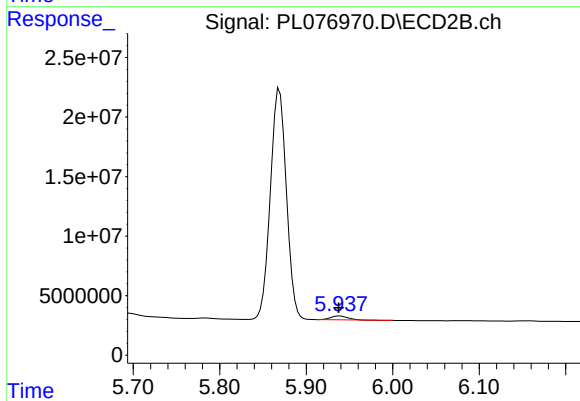
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 249975502
Conc: 110.28 ng/ml



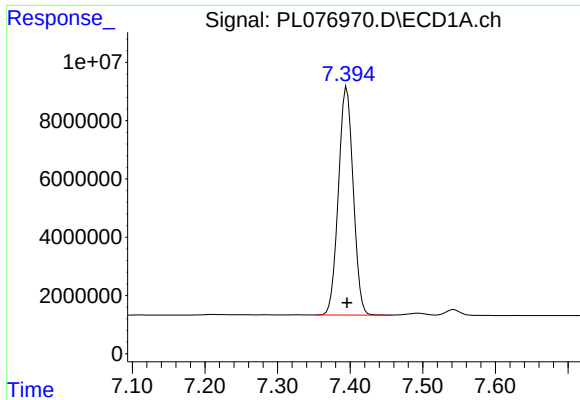
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 1474366
Conc: 2.04 ng/ml



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 4447242
Conc: 2.26 ng/ml



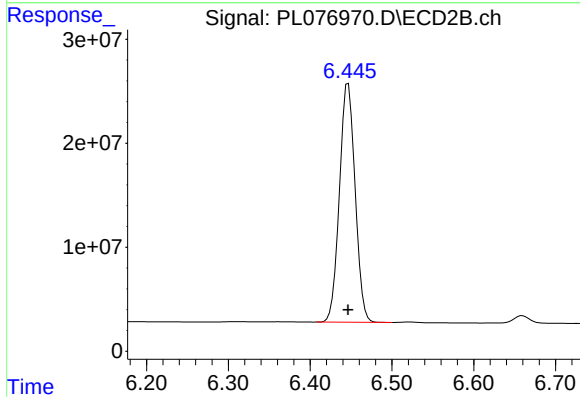
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 110753360
Conc: 249.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

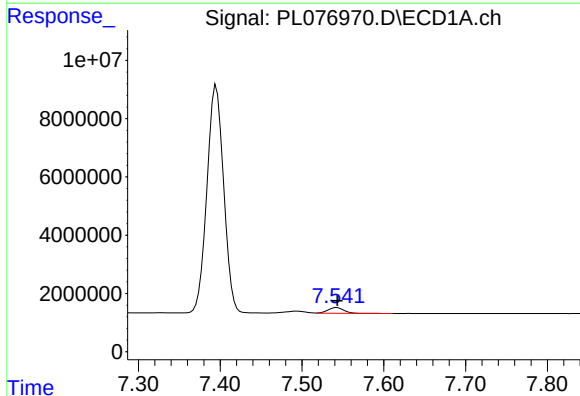
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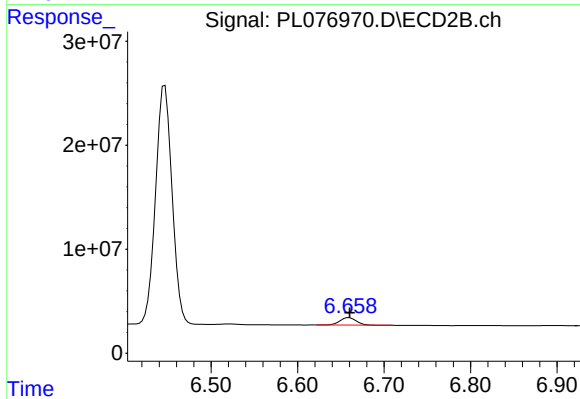
#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 304689525
Conc: 253.31 ng/ml



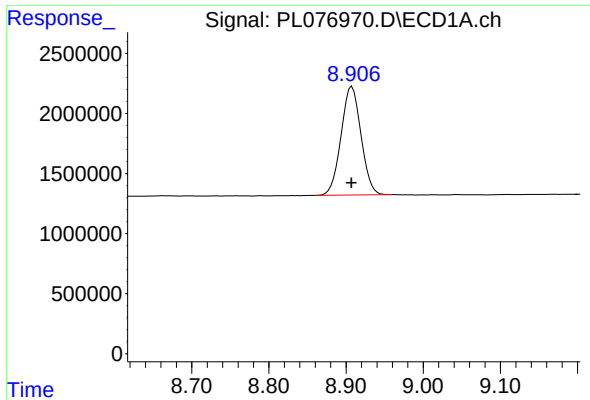
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 2674110
Conc: 2.95 ng/ml



#21 Endrin ketone

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 9345644
Conc: 3.67 ng/ml



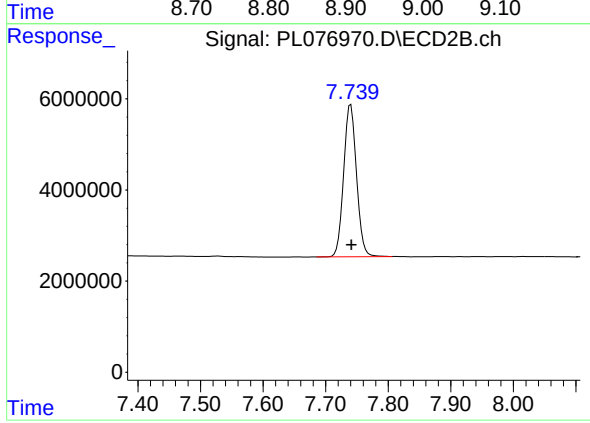
#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 16197705
Conc: 21.46 ng/ml

Instrument :
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ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 47842880
Conc: 21.25 ng/ml