

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093022\
 Data File : PL077998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2022 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2022
 Supervised By : Ankita Jodhani 10/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 23:36:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.416	2.625	40262787	65102521	25.117	21.929
28)	SA Decachlor...	8.906	7.724	31762429	47393395	24.576	18.880
Target Compounds							
2)	A alpha-BHC	3.881	3.117	27185323	49721608	11.456	10.964
3)	MA gamma-BHC...	4.217	3.441	26272139	44030085	11.875	10.903
6)	B beta-BHC	4.429	3.741	12271318	20172939	12.626	12.117
12)	B 4,4'-DDE	6.077	5.051	418794	968178	0.263m	0.298
14)	MA Endrin	6.461	5.447	76056895	137.2E6	54.994	48.112
16)	A 4,4'-DDD	6.602	5.605	6203547	11785084	5.298	4.549
17)	MA 4,4'-DDT	6.914	5.853	148.4E6	251.9E6	117.138	95.607
18)	B Endrin al...	6.820	5.924	1961932	4531927	1.855	2.196
20)	A Methoxychlor	7.395	6.430	185.6E6	298.5E6	281.001	218.006
21)	B Endrin ke...	7.542	6.645	5982538	17054594	4.330	5.632 #

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

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Acq On : 30 Sep 2022 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

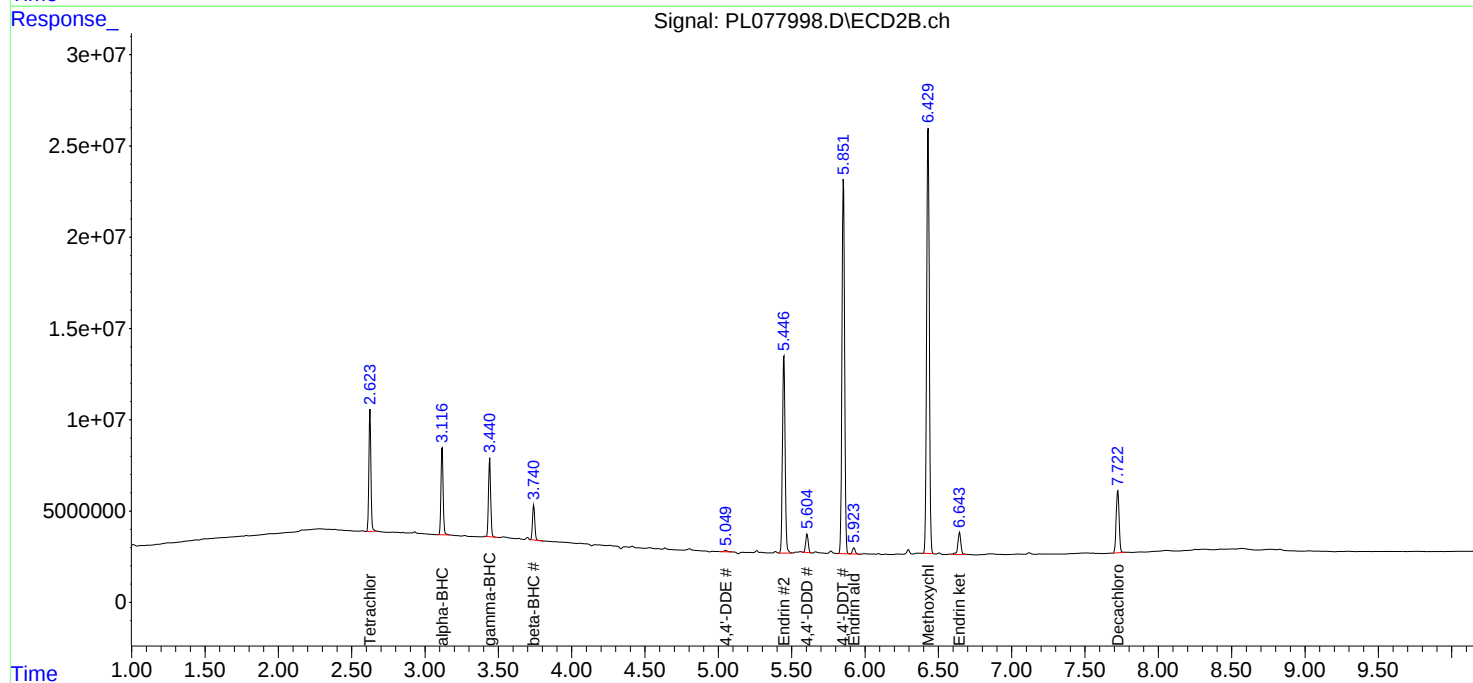
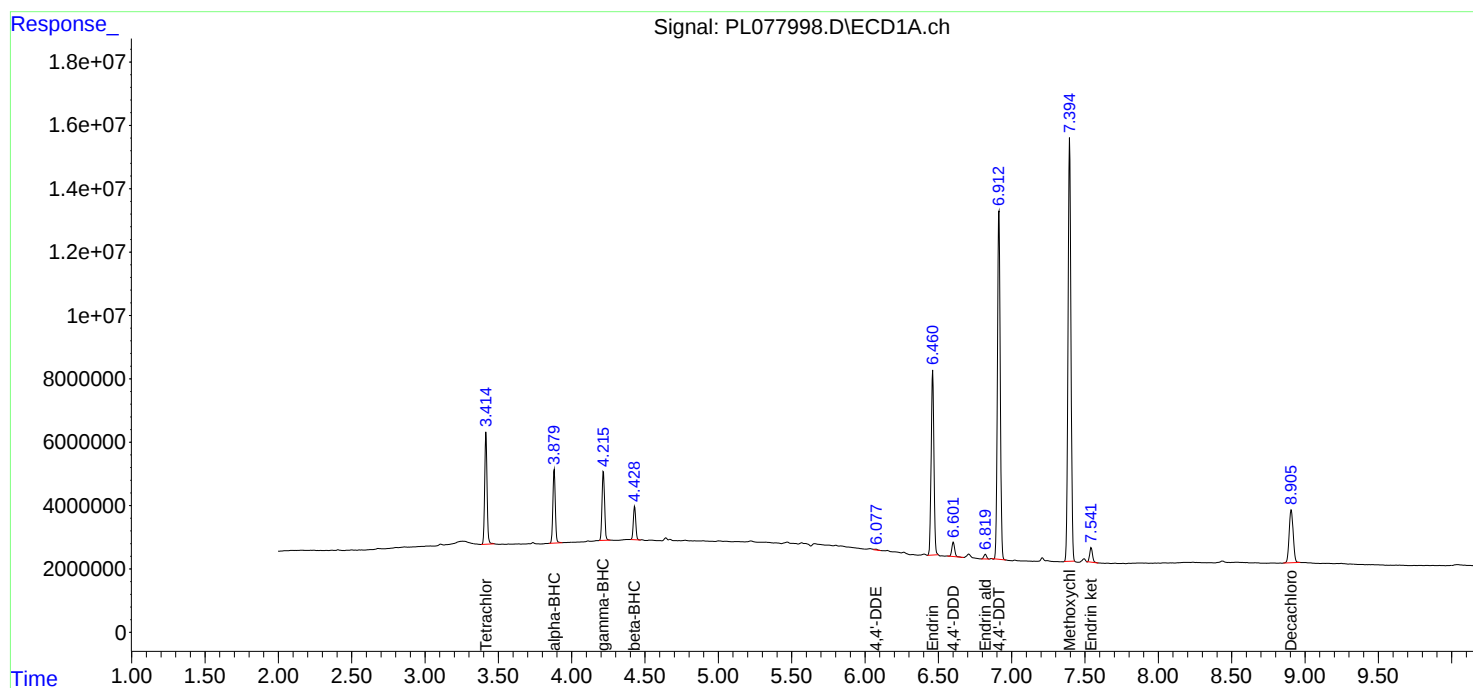
Instrument :
ECD_L
ClientSampleId :
PEM

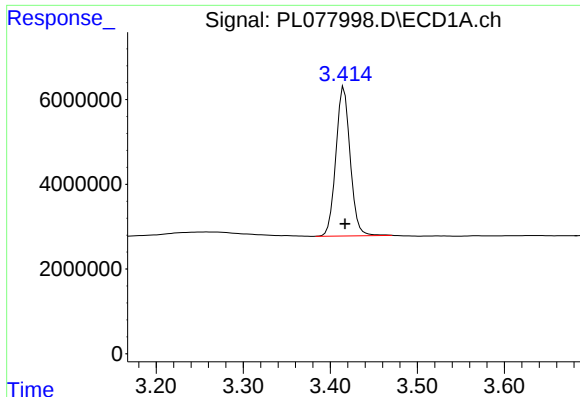
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Integration File signal 1: autoint1.e
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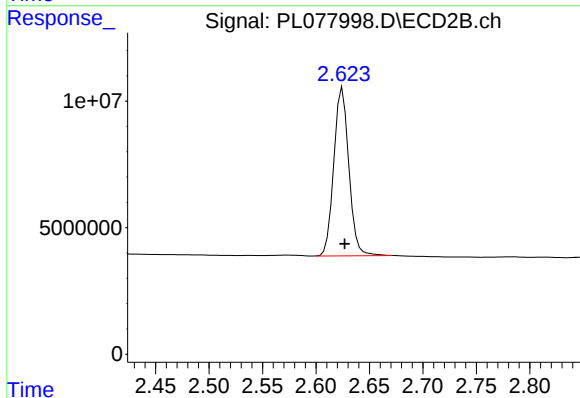
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 40262787
Conc: 25.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

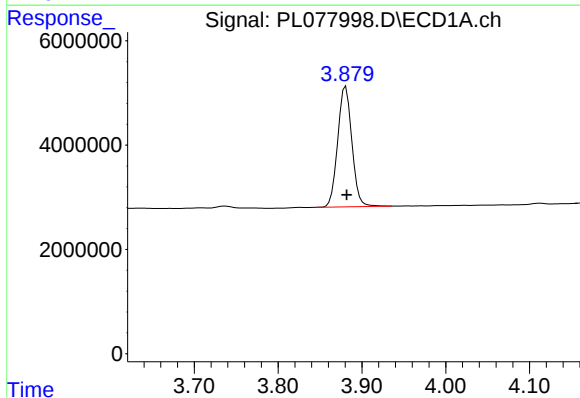
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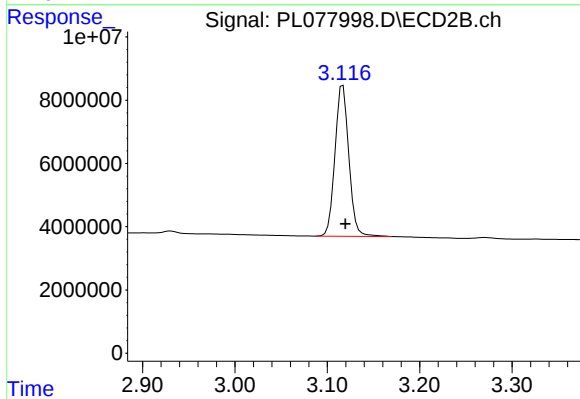
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 65102521
Conc: 21.93 ng/ml



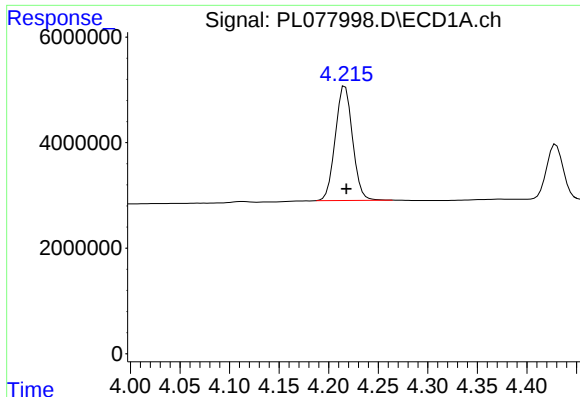
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.001 min
Response: 27185323
Conc: 11.46 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: -0.002 min
Response: 49721608
Conc: 10.96 ng/ml



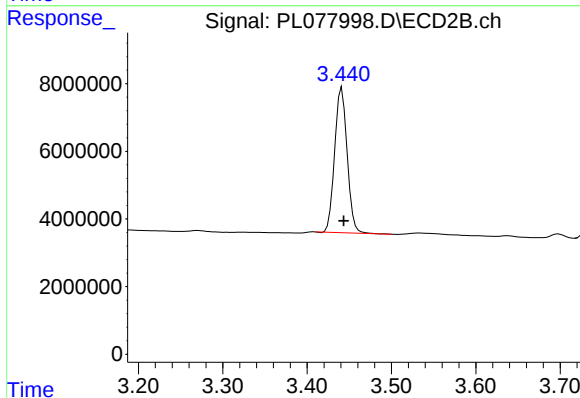
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.001 min
Response: 26272139
Conc: 11.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

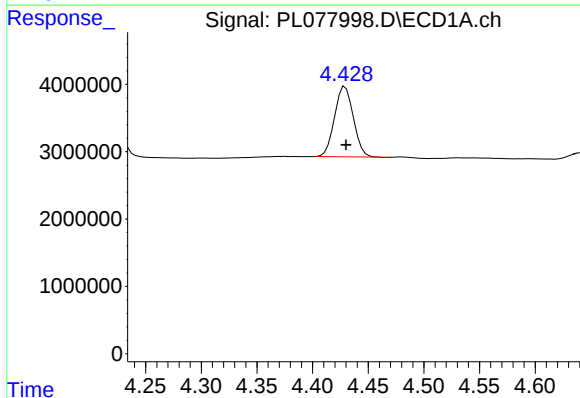
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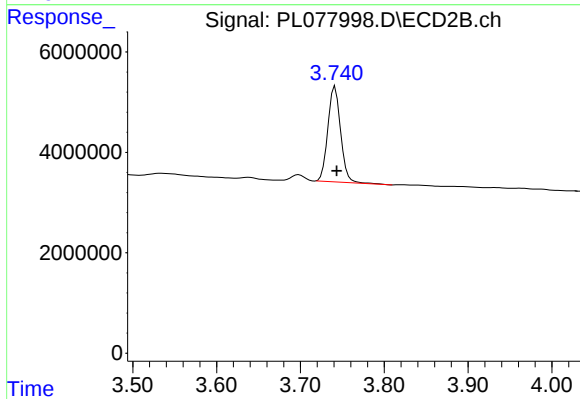
#3 gamma-BHC (Lindane)

R.T.: 3.441 min
Delta R.T.: -0.002 min
Response: 44030085
Conc: 10.90 ng/ml



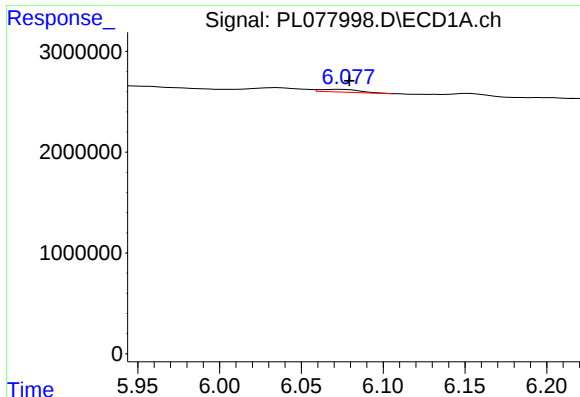
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.000 min
Response: 12271318
Conc: 12.63 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 20172939
Conc: 12.12 ng/ml



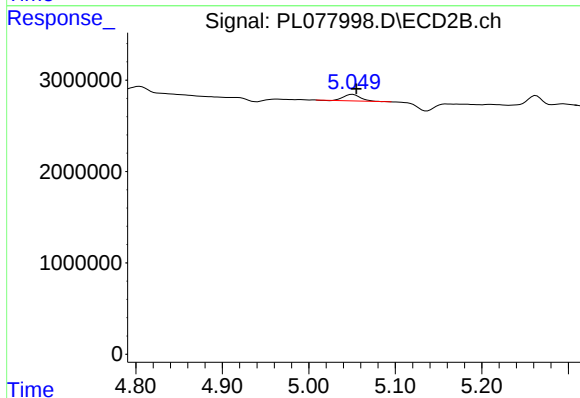
#12 4,4'-DDE

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 418794
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

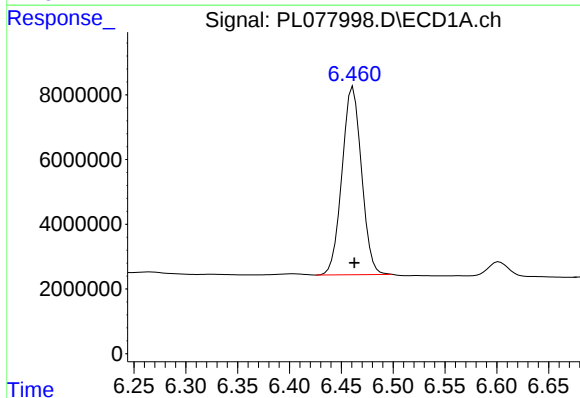
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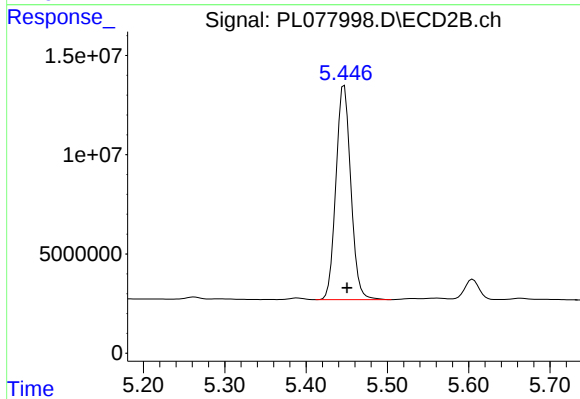
#12 4,4'-DDE

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 968178
Conc: 0.30 ng/ml



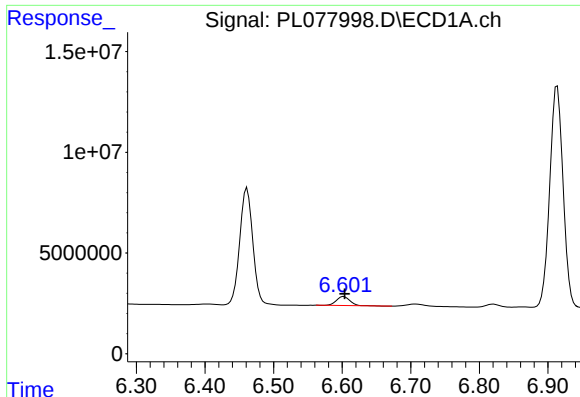
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 76056895
Conc: 54.99 ng/ml



#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.004 min
Response: 137190246
Conc: 48.11 ng/ml



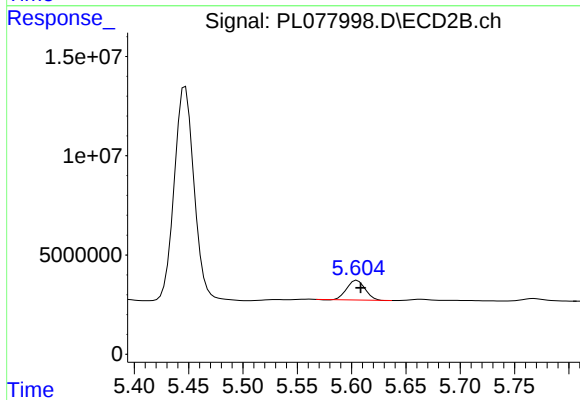
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 6203547
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

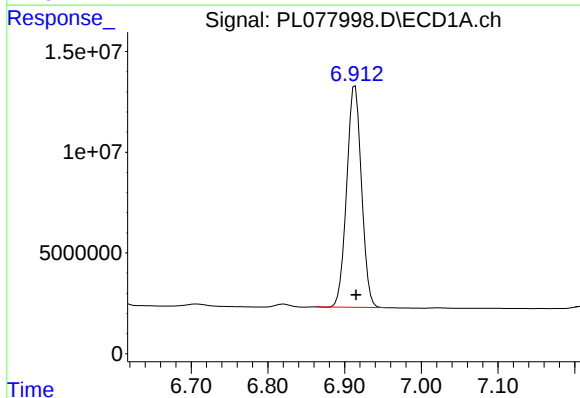
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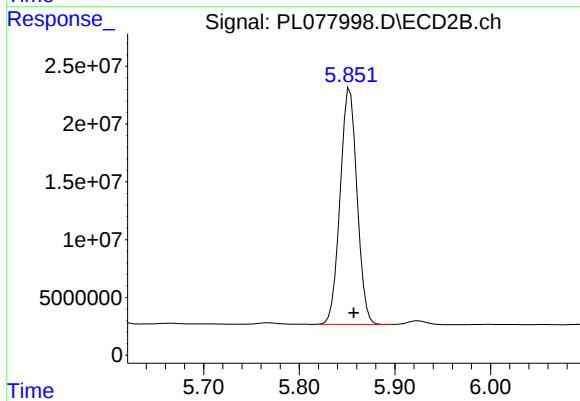
#16 4,4'-DDD

R.T.: 5.605 min
Delta R.T.: -0.003 min
Response: 11785084
Conc: 4.55 ng/ml



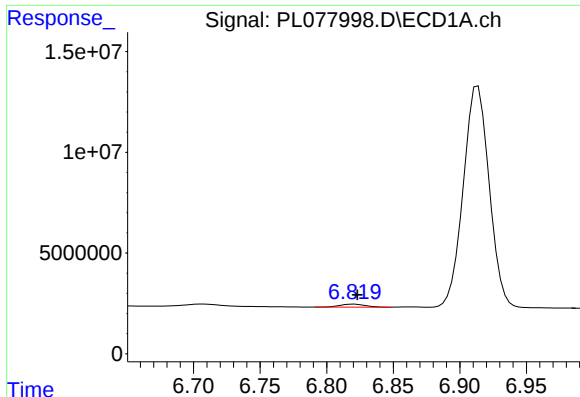
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 148430045
Conc: 117.14 ng/ml



#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 251904658
Conc: 95.61 ng/ml



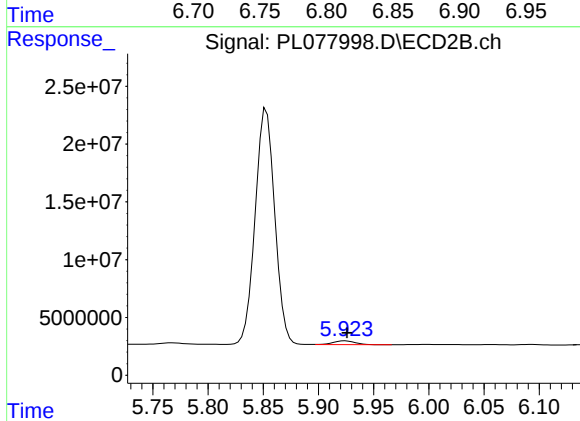
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 1961932
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

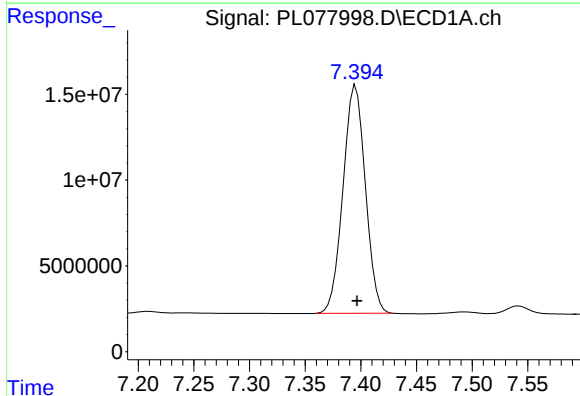
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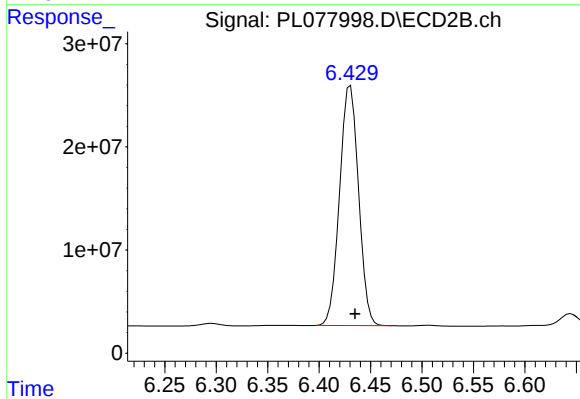
#18 Endrin aldehyde

R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 4531927
Conc: 2.20 ng/ml



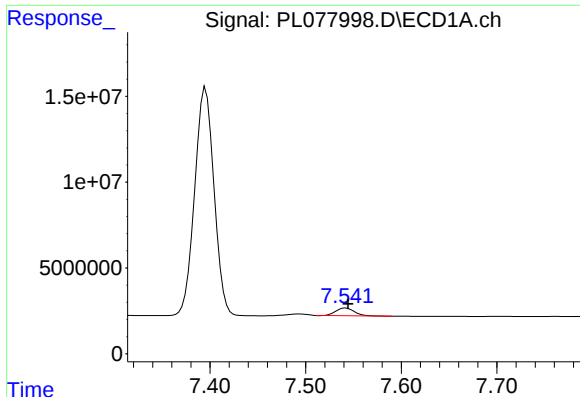
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: -0.001 min
Response: 185587405
Conc: 281.00 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 298542954
Conc: 218.01 ng/ml



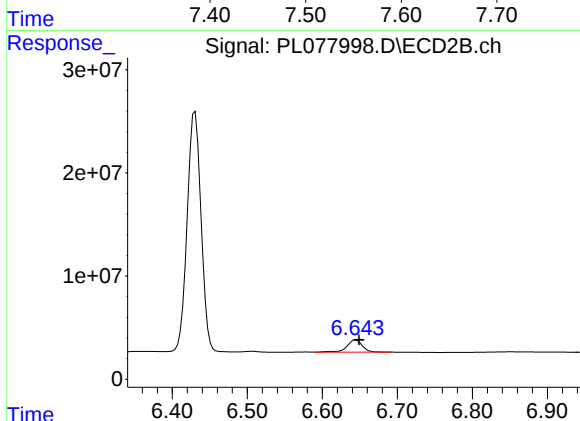
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 5982538
Conc: 4.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

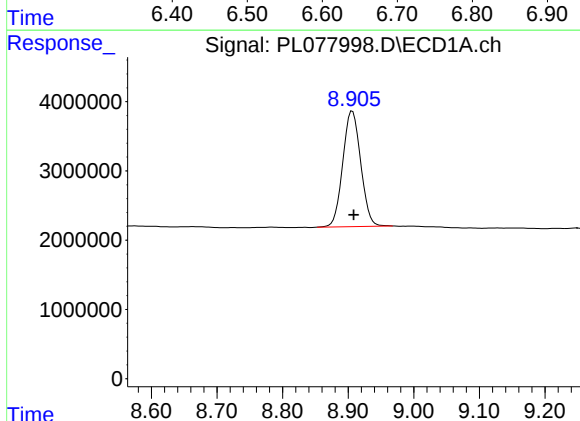
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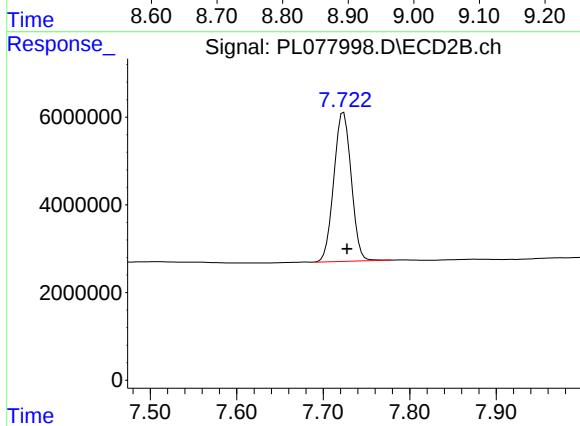
#21 Endrin ketone

R.T.: 6.645 min
Delta R.T.: -0.004 min
Response: 17054594
Conc: 5.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 31762429
Conc: 24.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 47393395
Conc: 18.88 ng/ml