

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091422\
 Data File : PL077726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2022 09:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2022
 Supervised By : Ankita Jodhani 09/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 16:05:29 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...	3.417	2.627	37013231	69050091	23.090	23.259
28)	SA Decachlor...	8.908	7.727	30148434	52121538	23.327	20.764
Target Compounds							
2)	A alpha-BHC	3.882	3.120	25388044	52875345	10.698	11.659
3)	MA gamma-BHC...	4.218	3.443	24461473	46703038	11.056	11.565
6)	B beta-BHC	4.430	3.743	11418161	20234337	11.749	12.154
14)	MA Endrin	6.463	5.450	74310108	152.0E6	53.731	53.304
16)	A 4,4'-DDD	6.603	5.607	3690881	8600484	3.152m	3.320m
17)	MA 4,4'-DDT	6.915	5.856	138.5E6	277.3E6	109.322	105.251
18)	B Endrin al...	6.822	5.927	1813557	4425277	1.715	2.144 #
20)	A Methoxychlor	7.397	6.434	180.6E6	337.7E6	273.490	246.600
21)	B Endrin ke...	7.542	6.647	3921949	8399539	2.838m	2.774m

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

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Acq On : 14 Sep 2022 09:37
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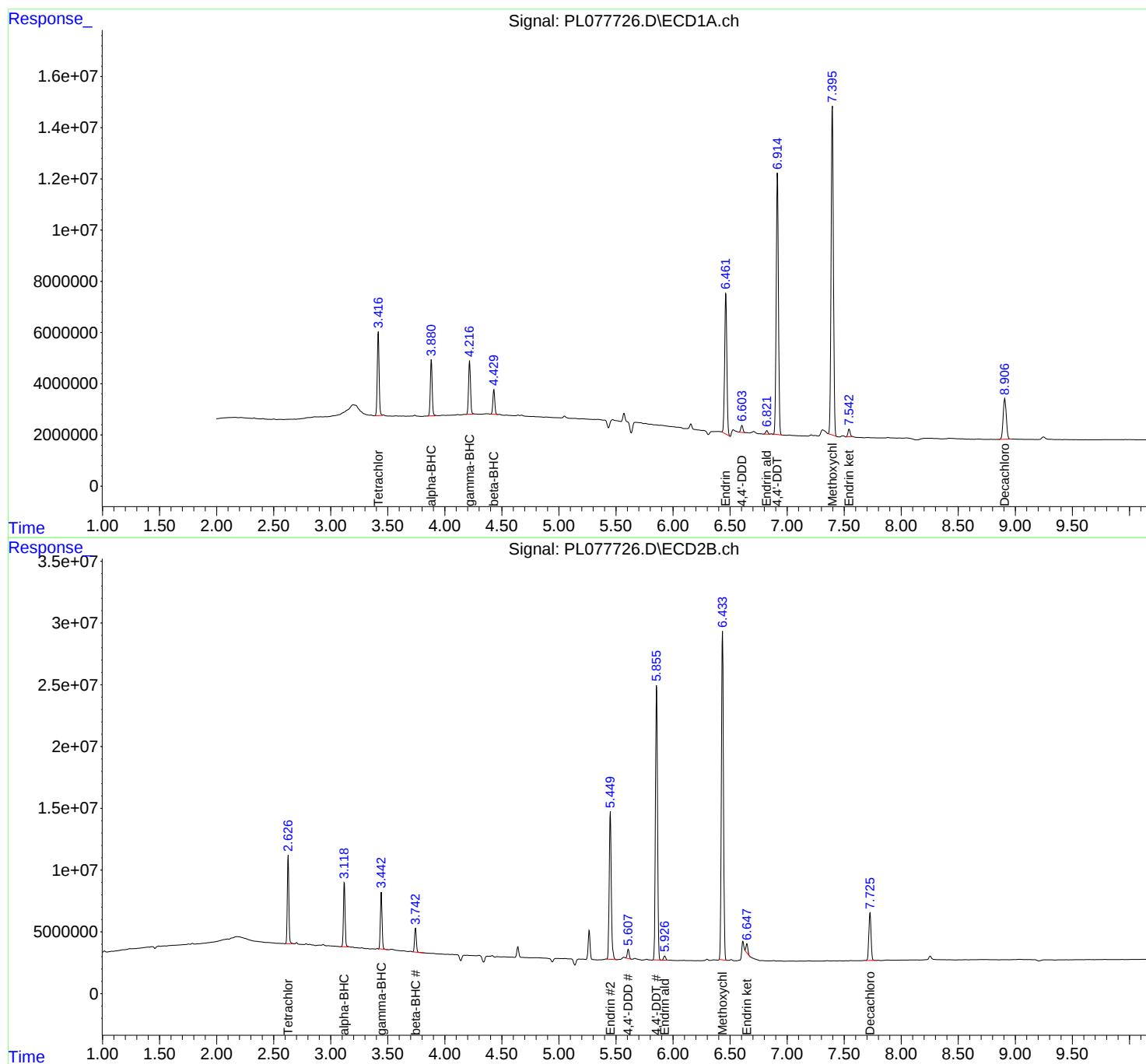
Instrument :
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PEM

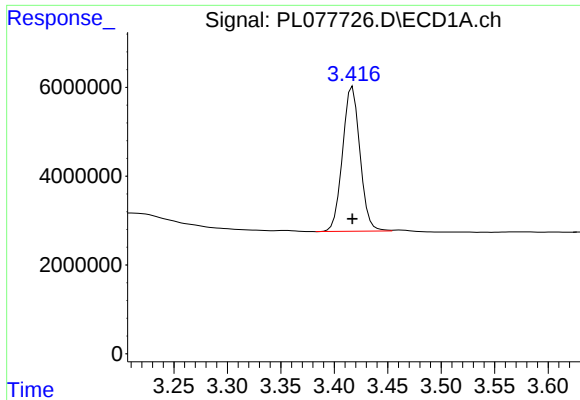
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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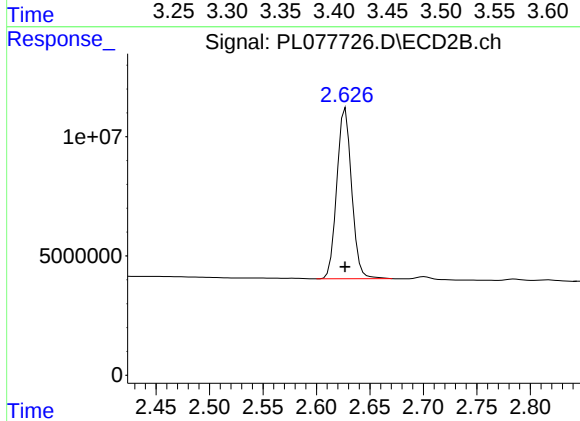
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 37013231
Conc: 23.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

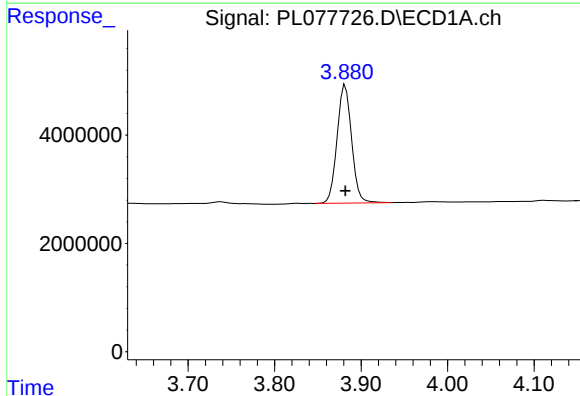
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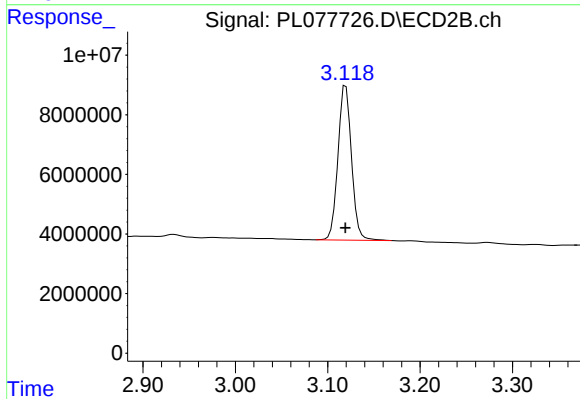
#1 Tetrachloro-m-xylene

R.T.: 2.627 min
Delta R.T.: 0.000 min
Response: 69050091
Conc: 23.26 ng/ml



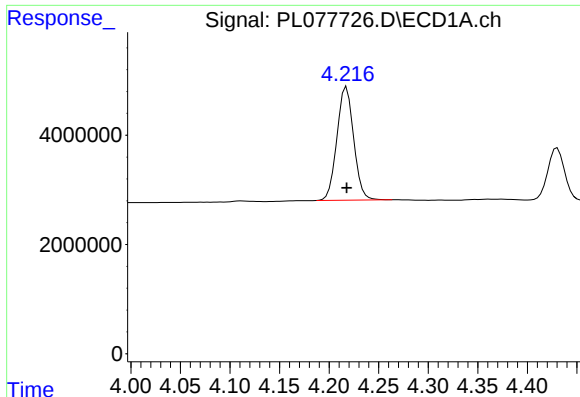
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 25388044
Conc: 10.70 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: 0.000 min
Response: 52875345
Conc: 11.66 ng/ml



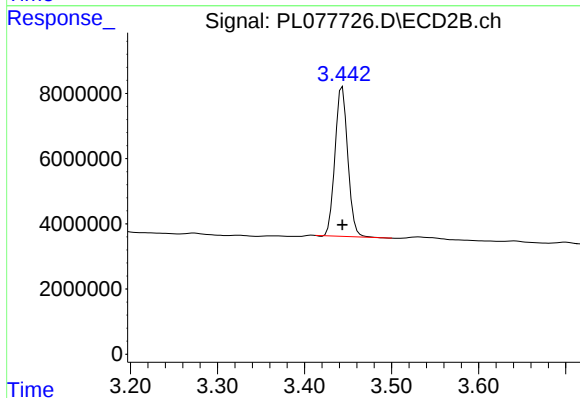
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 24461473
Conc: 11.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

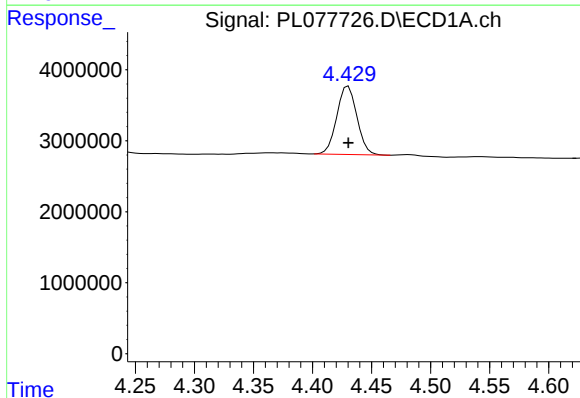
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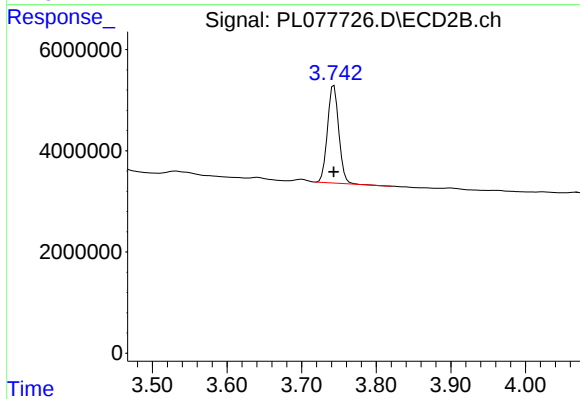
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 46703038
Conc: 11.57 ng/ml



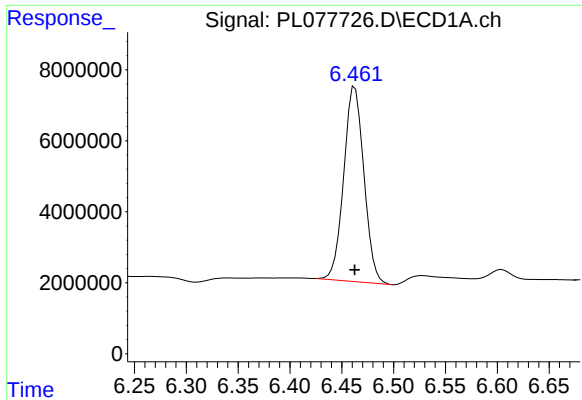
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 11418161
Conc: 11.75 ng/ml



#6 beta-BHC

R.T.: 3.743 min
Delta R.T.: 0.000 min
Response: 20234337
Conc: 12.15 ng/ml



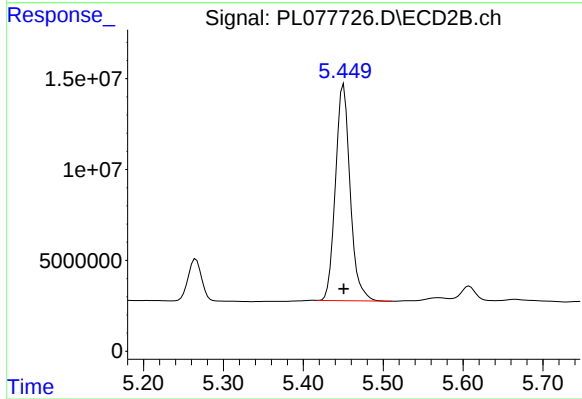
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 74310108
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

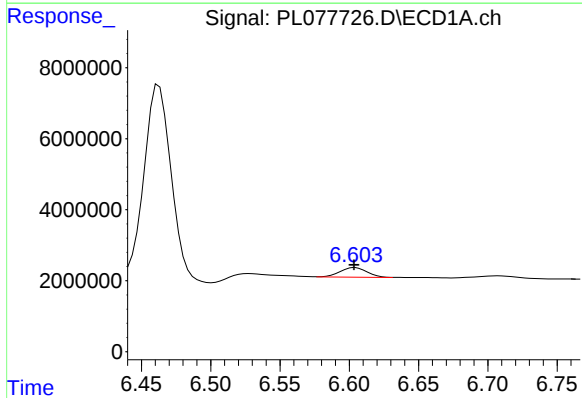
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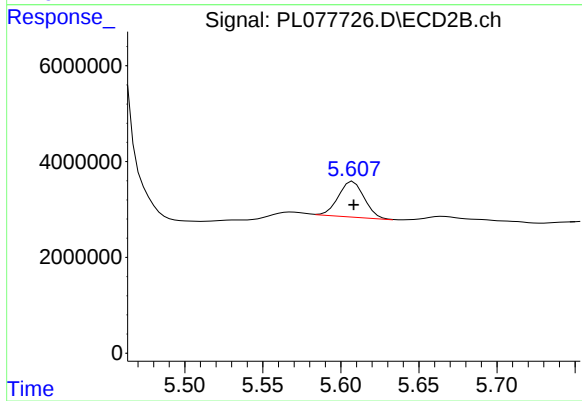
#14 Endrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 151994433
Conc: 53.30 ng/ml



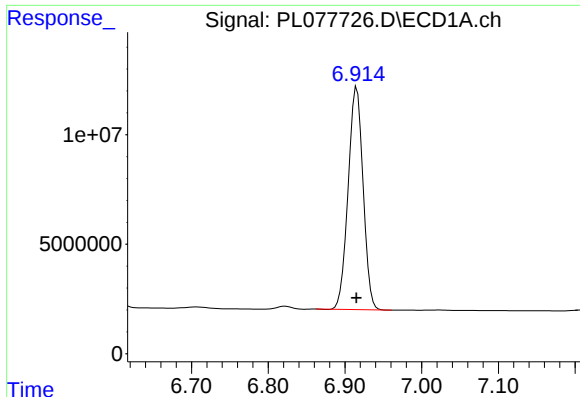
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3690881
Conc: 3.15 ng/ml m



#16 4,4'-DDD

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 8600484
Conc: 3.32 ng/ml m



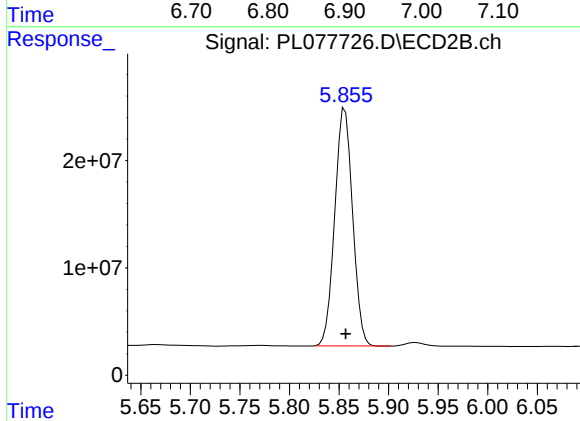
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 138525602
Conc: 109.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

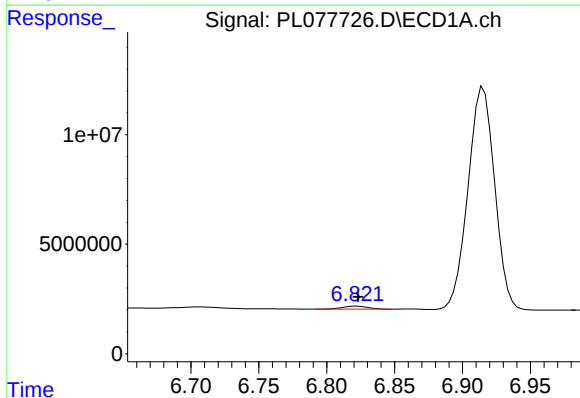
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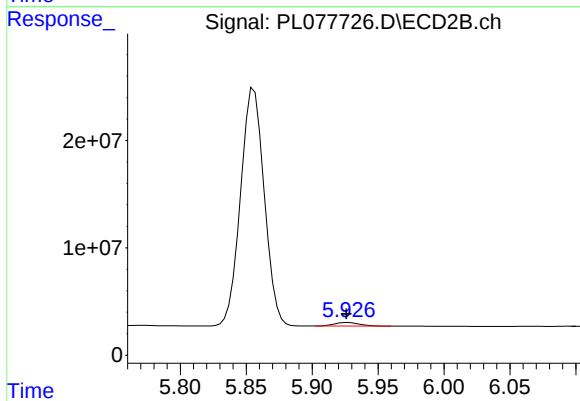
#17 4,4'-DDT

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 277315078
Conc: 105.25 ng/ml



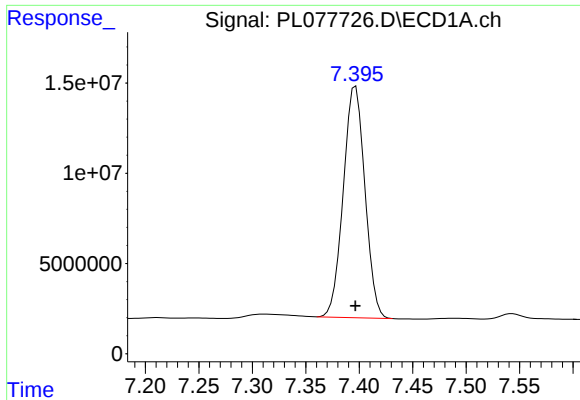
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 1813557
Conc: 1.71 ng/ml



#18 Endrin aldehyde

R.T.: 5.927 min
Delta R.T.: 0.001 min
Response: 4425277
Conc: 2.14 ng/ml



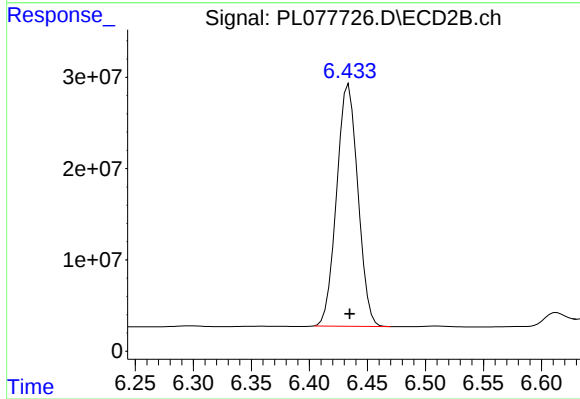
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.000 min
Response: 180626795
Conc: 273.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

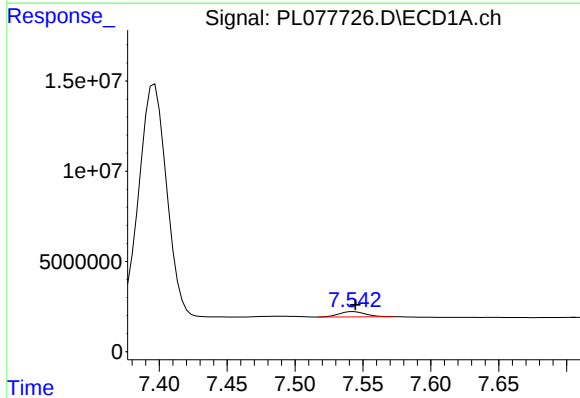
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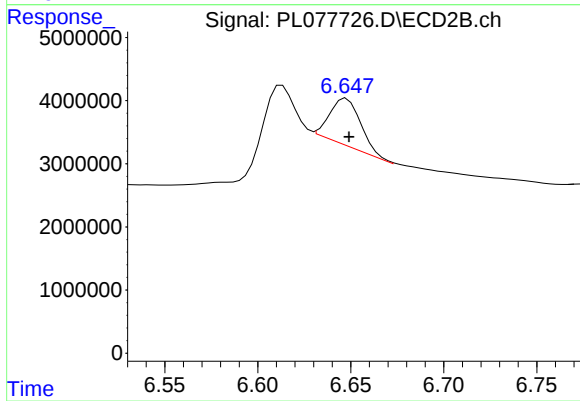
#20 Methoxychlor

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 337700890
Conc: 246.60 ng/ml



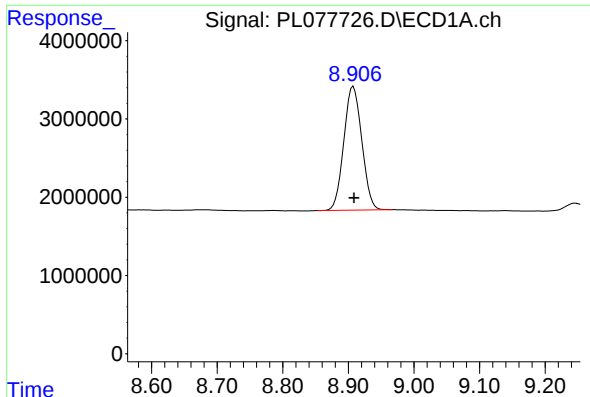
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 3921949
Conc: 2.84 ng/ml m



#21 Endrin ketone

R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 8399539
Conc: 2.77 ng/ml m



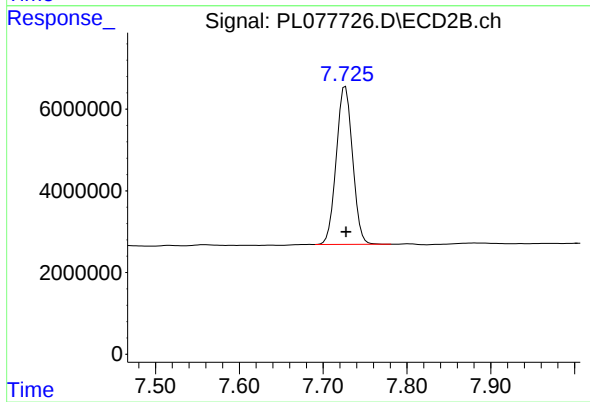
#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.001 min
Response: 30148434
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.727 min
Delta R.T.: 0.000 min
Response: 52121538
Conc: 20.76 ng/ml