

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
 Data File : PL085964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 11:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/18/2023
 Supervised By : Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 21:59:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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...	3.366	2.621	58440621	17967836	19.649	19.235
28)	SA Decachlor...	8.870	7.778	53320147	23747131	24.481	25.729
Target Compounds							
2)	A alpha-BHC	3.820	3.120	39600375	11142345	9.227	8.856
3)	MA gamma-BHC...	4.152	3.448	39251805	10915653	9.496	8.850
6)	B beta-BHC	4.355	3.751	17875745	5775915	10.810	11.095
12)	B 4,4'-DDE	6.028	5.083	692535	119085	0.248m	0.145m#
14)	MA Endrin	6.398	5.475	140.7E6	48279623	49.355	53.703
16)	A 4,4'-DDD	6.549	5.641	378441	143074	0.188m	0.206
17)	MA 4,4'-DDT	6.864	5.890	292.8E6	105.7E6	124.229	133.647
18)	B Endrin al...	6.751	5.954	2989406	2129309	1.475m	2.855 #
20)	A Methoxychlor	7.349	6.475	387.0E6	144.1E6	277.111	274.001
21)	B Endrin ke...	7.468	6.679	7673224	2010532	2.664m	1.749m#

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

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Misc :
ALS Vial : 3 Sample Multiplier: 1

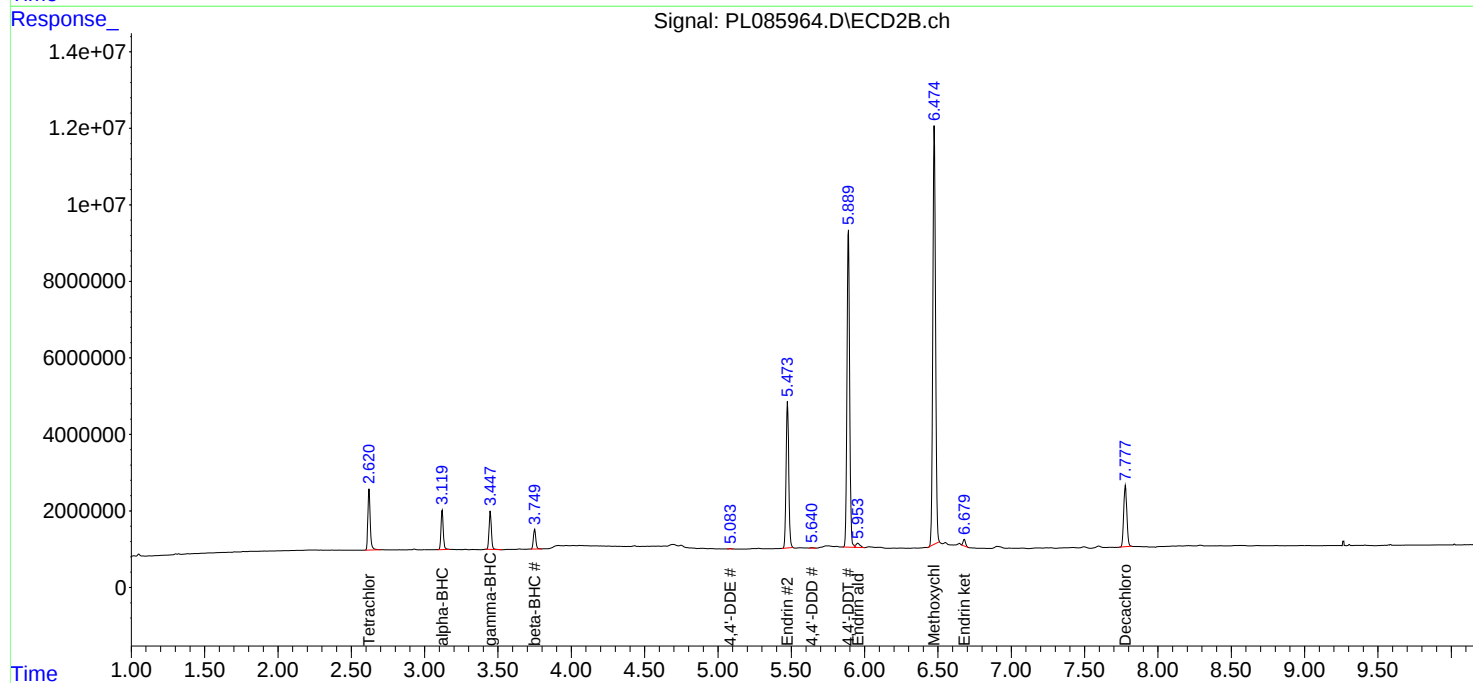
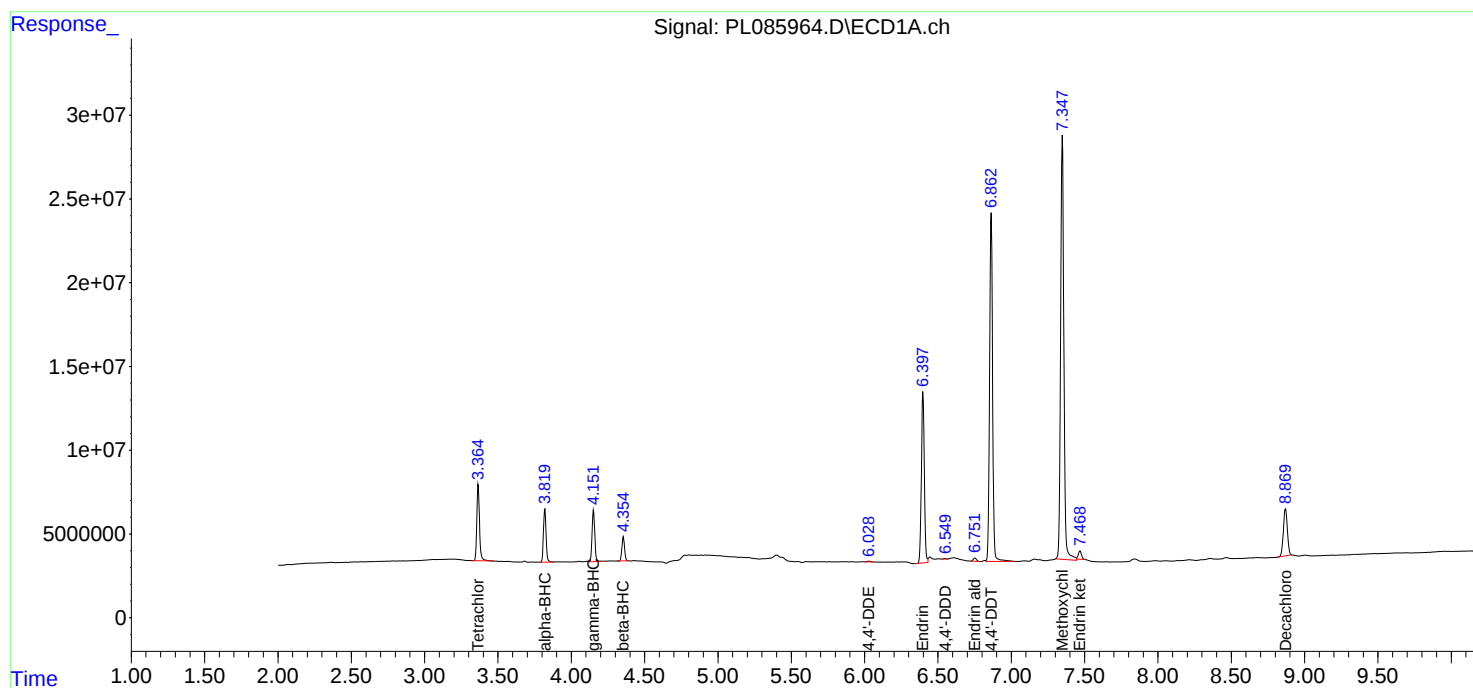
Instrument :
ECD_L
ClientSampleId :
PEM

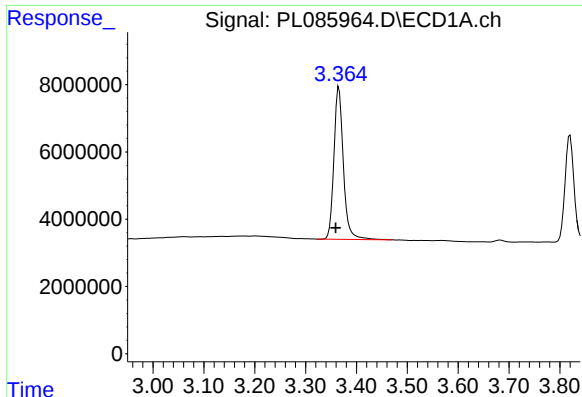
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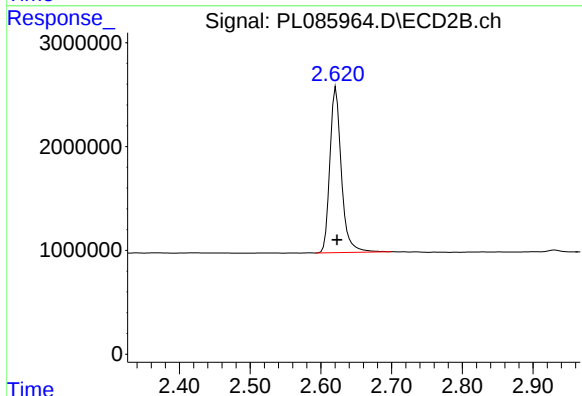
#1 Tetrachloro-m-xylene

R.T.: 3.366 min
Delta R.T.: 0.007 min
Response: 58440621
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

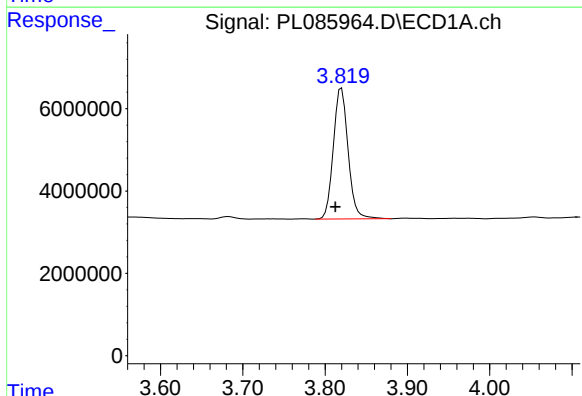
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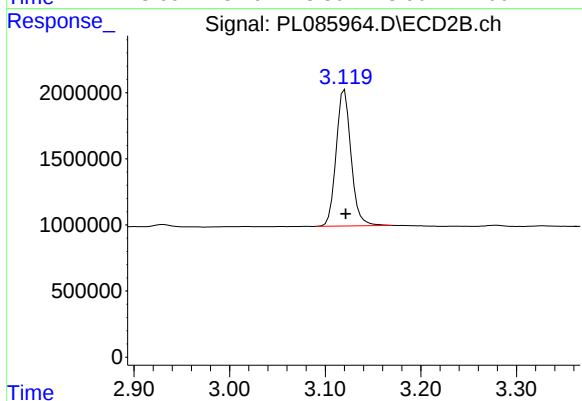
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.001 min
Response: 17967836
Conc: 19.24 ng/ml



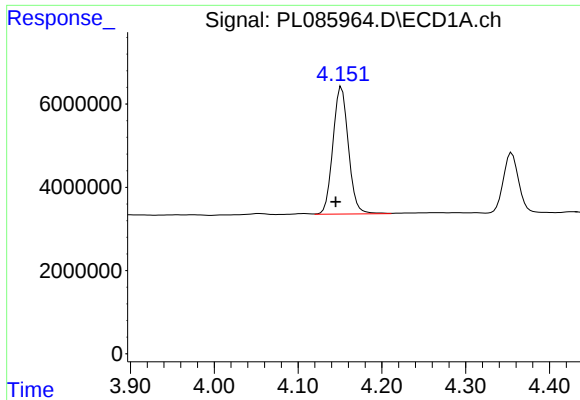
#2 alpha-BHC

R.T.: 3.820 min
Delta R.T.: 0.007 min
Response: 39600375
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 11142345
Conc: 8.86 ng/ml



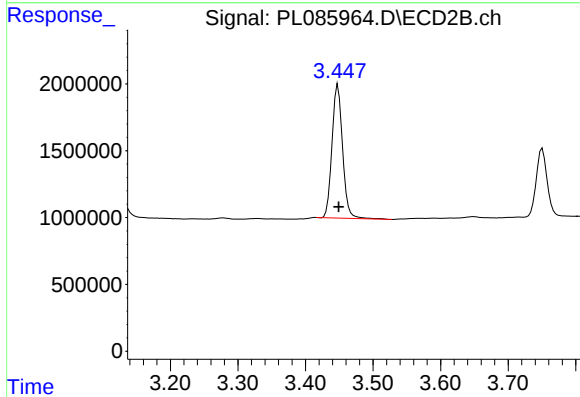
#3 gamma-BHC (Lindane)

R.T.: 4.152 min
Delta R.T.: 0.007 min
Response: 39251805
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

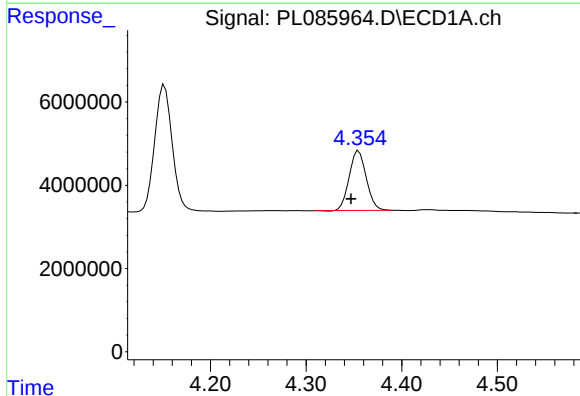
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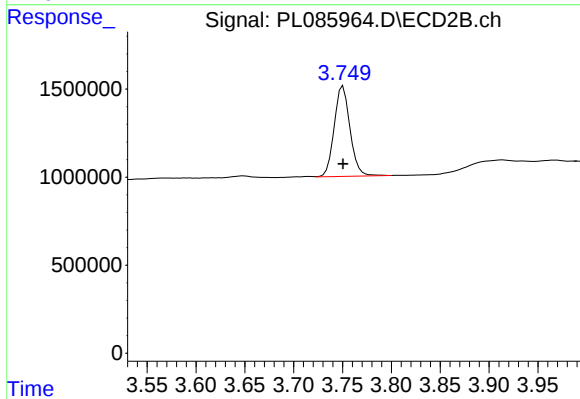
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.001 min
Response: 10915653
Conc: 8.85 ng/ml



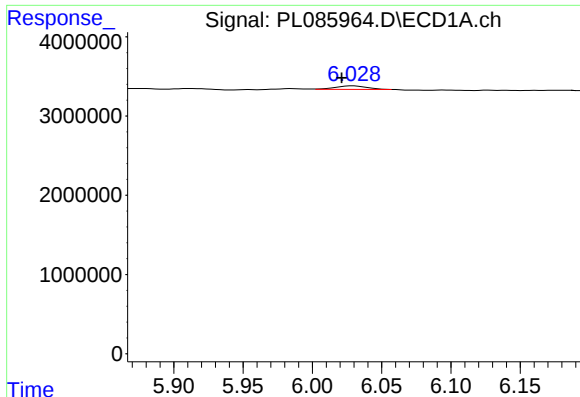
#6 beta-BHC

R.T.: 4.355 min
Delta R.T.: 0.008 min
Response: 17875745
Conc: 10.81 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 5775915
Conc: 11.09 ng/ml



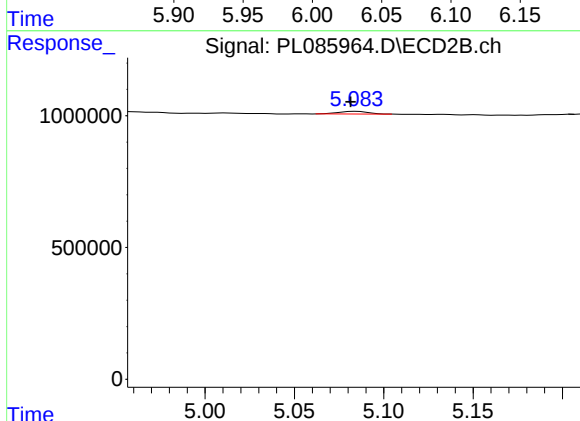
#12 4,4'-DDE

R.T.: 6.028 min
Delta R.T.: 0.007 min
Response: 692535
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

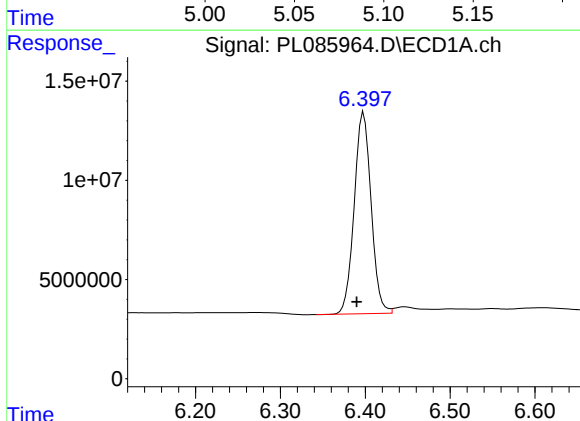
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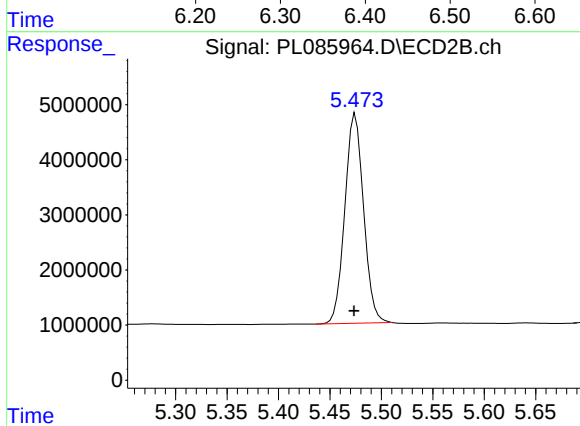
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.002 min
Response: 119085
Conc: 0.15 ng/ml m



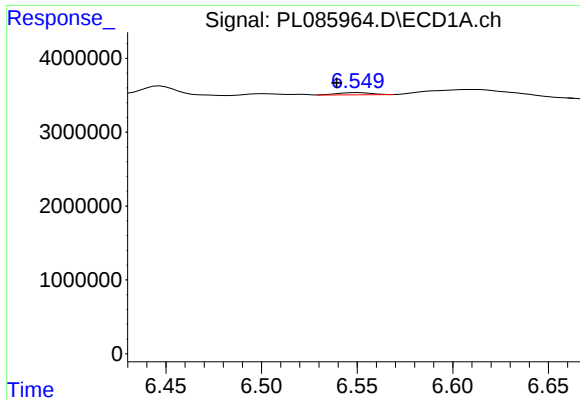
#14 Endrin

R.T.: 6.398 min
Delta R.T.: 0.008 min
Response: 140650806
Conc: 49.36 ng/ml



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.001 min
Response: 48279623
Conc: 53.70 ng/ml



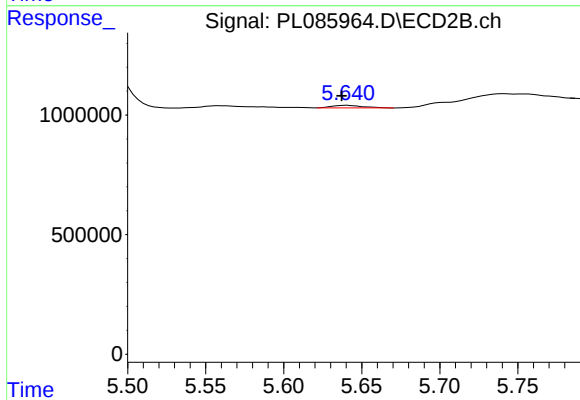
#16 4,4'-DDD

R.T.: 6.549 min
Delta R.T.: 0.010 min
Response: 378441
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

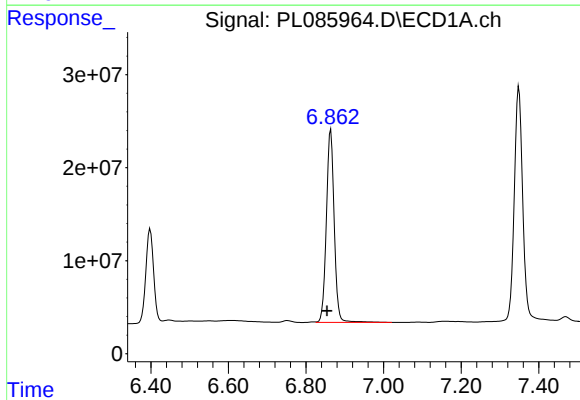
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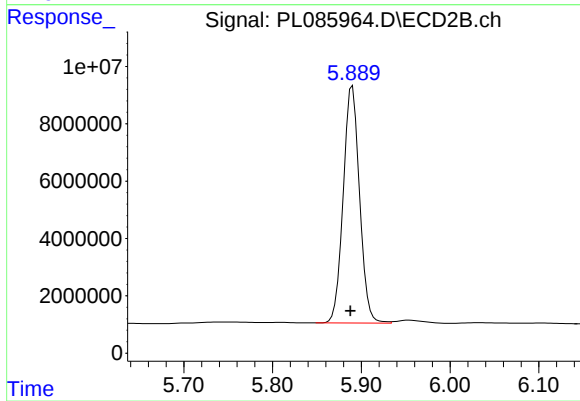
#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 143074
Conc: 0.21 ng/ml



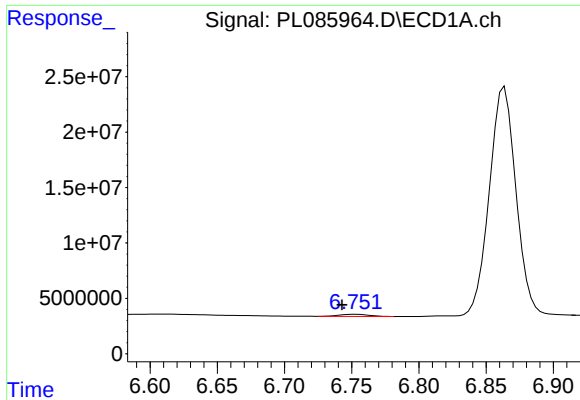
#17 4,4'-DDT

R.T.: 6.864 min
Delta R.T.: 0.010 min
Response: 292819606
Conc: 124.23 ng/ml



#17 4,4'-DDT

R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 105681688
Conc: 133.65 ng/ml



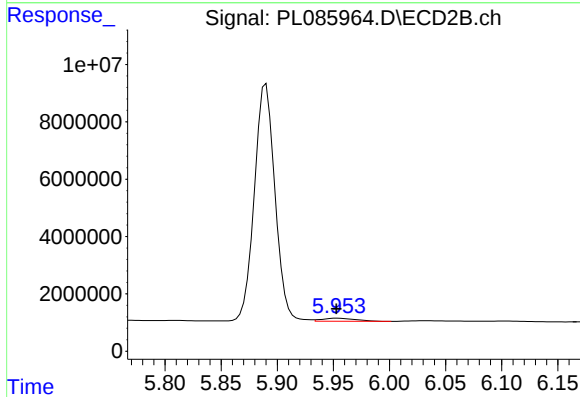
#18 Endrin aldehyde

R.T.: 6.751 min
Delta R.T.: 0.008 min
Response: 2989406
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

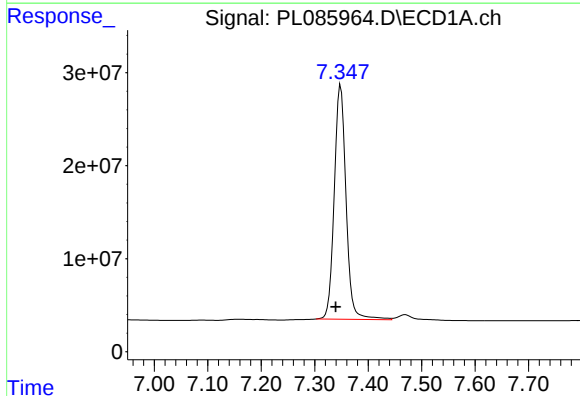
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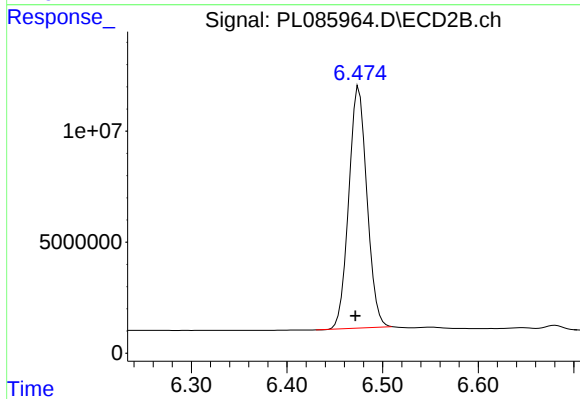
#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 2129309
Conc: 2.86 ng/ml



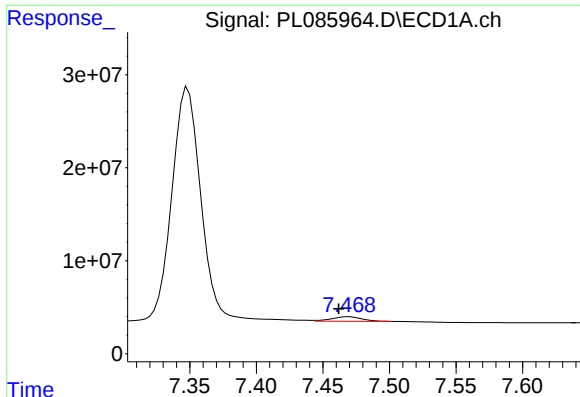
#20 Methoxychlor

R.T.: 7.349 min
Delta R.T.: 0.009 min
Response: 387018091
Conc: 277.11 ng/ml



#20 Methoxychlor

R.T.: 6.475 min
Delta R.T.: 0.004 min
Response: 144145755
Conc: 274.00 ng/ml



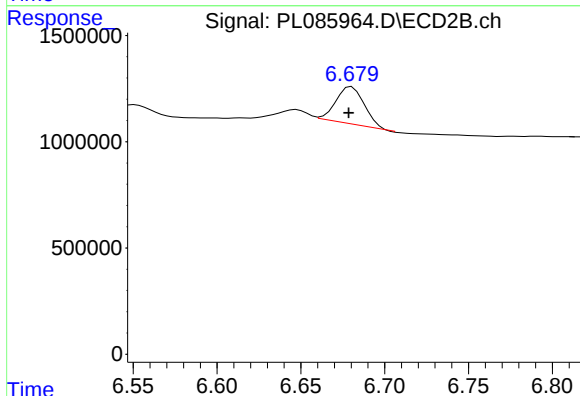
#21 Endrin ketone

R.T.: 7.468 min
Delta R.T.: 0.006 min
Response: 7673224
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

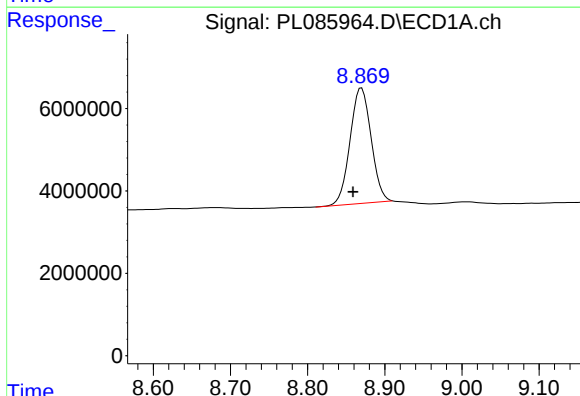
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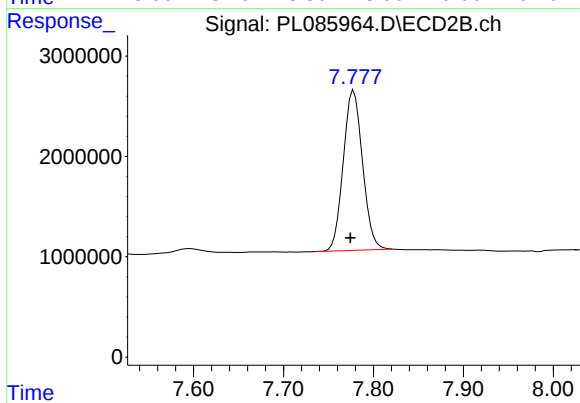
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2010532
Conc: 1.75 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.870 min
Delta R.T.: 0.011 min
Response: 53320147
Conc: 24.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.778 min
Delta R.T.: 0.004 min
Response: 23747131
Conc: 25.73 ng/ml