

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050123\
 Data File : PL082400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2023 09:22
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/02/2023
 Supervised By : Ankita Jodhani 05/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 13:51:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.324	2.646	52079119	42004794	19.496	18.131
28)	SA Decachlor...	8.748	7.760	36022195	39641090	18.869	17.367
Target Compounds							
2)	A alpha-BHC	3.773	3.144	34907946	27813759	8.770	8.172
3)	MA gamma-BHC...	4.101	3.471	34977334	26570714	9.355	8.264
6)	B beta-BHC	4.305	3.771	16072315	13168229	9.424	9.651
12)	B 4,4'-DDE	5.951	5.085	431488	182612	0.170	0.079m#
14)	MA Endrin	6.327	5.488	103.6E6	96405973	42.727	39.414
16)	A 4,4'-DDD	6.470	5.638	1686359	1379261	0.832m	0.737m
17)	MA 4,4'-DDT	6.783	5.888	203.0E6	185.4E6	88.745	87.773
18)	B Endrin al...	6.679	5.965	2679657	2810065	1.422	1.502m
20)	A Methoxychlor	7.263	6.468	266.7E6	251.3E6	218.570	207.361
21)	B Endrin ke...	7.391	6.691	5233139	4881358	2.186m	1.923m

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

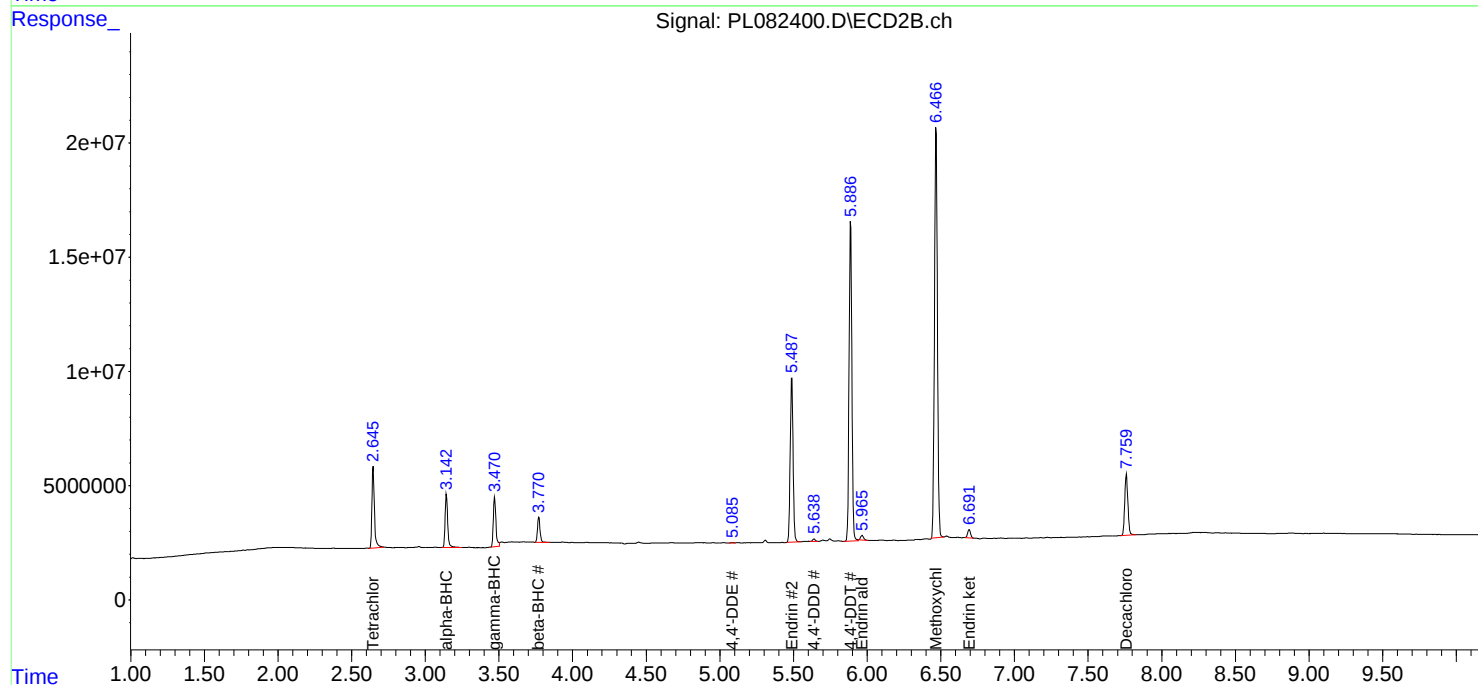
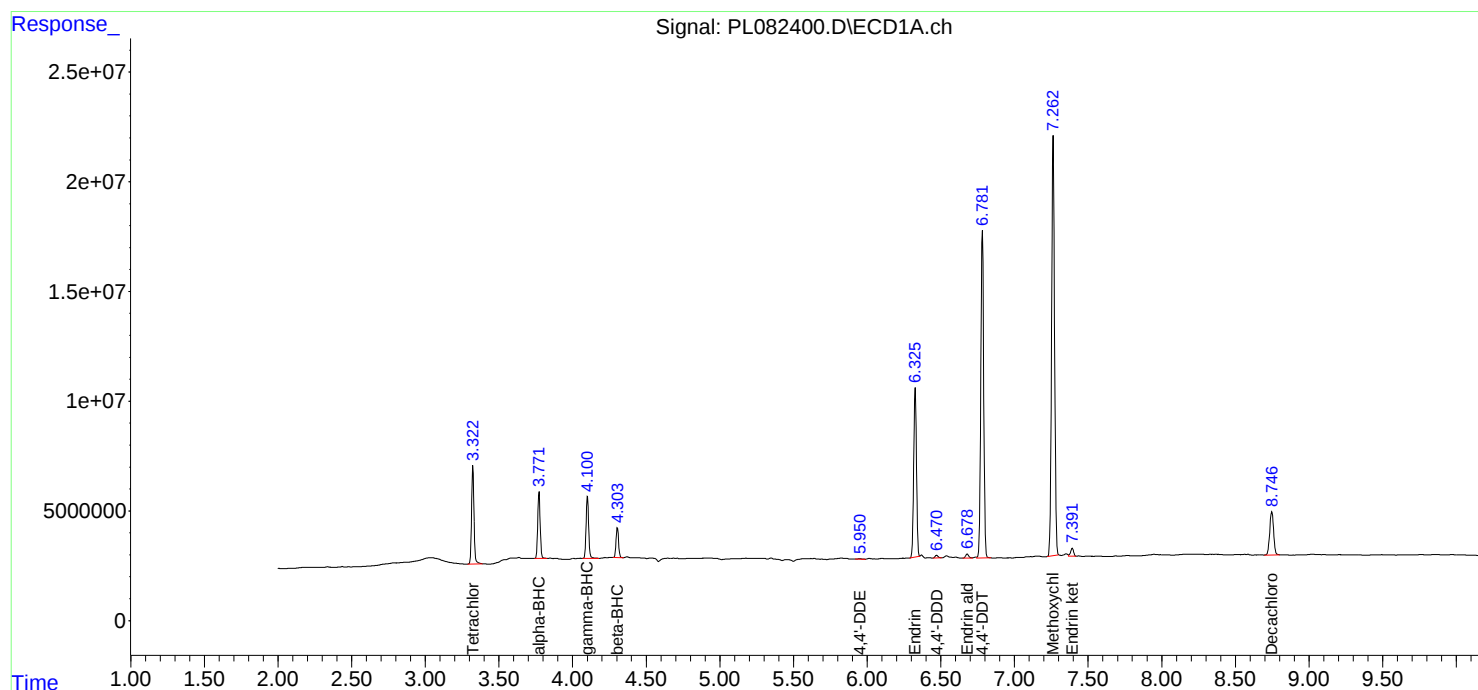
Instrument :
ECD_L
ClientSampleId :
PEM

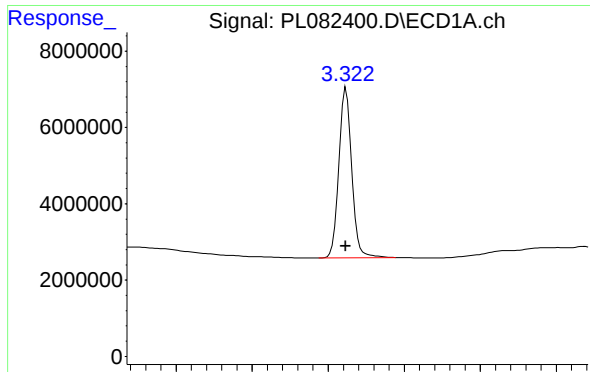
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Integration File signal 1: autoint1.e
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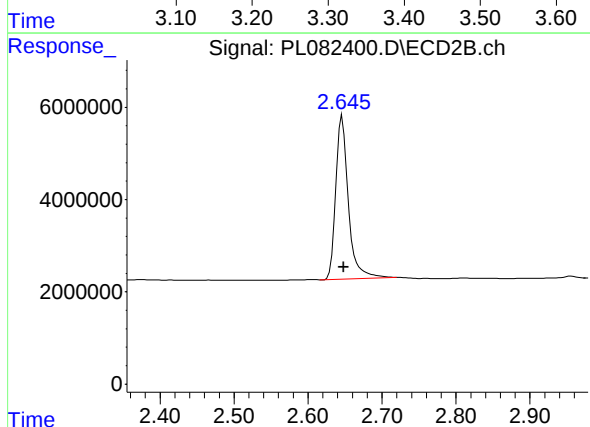
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 52079119
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

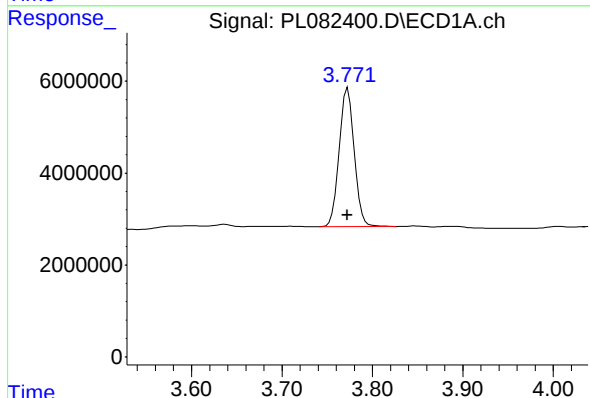
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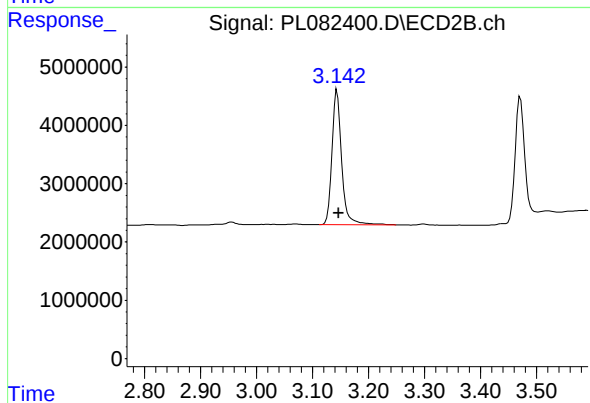
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 42004794
Conc: 18.13 ng/ml



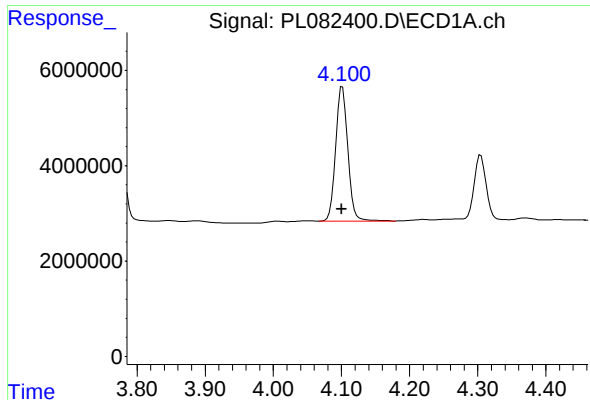
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 34907946
Conc: 8.77 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 27813759
Conc: 8.17 ng/ml



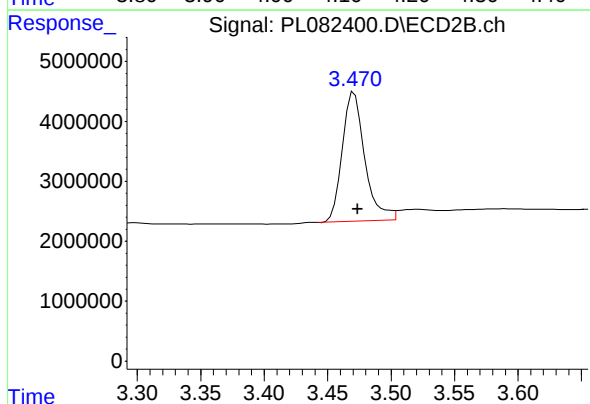
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 34977334
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

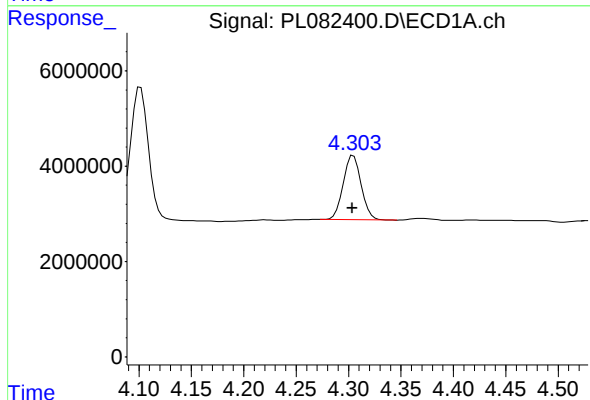
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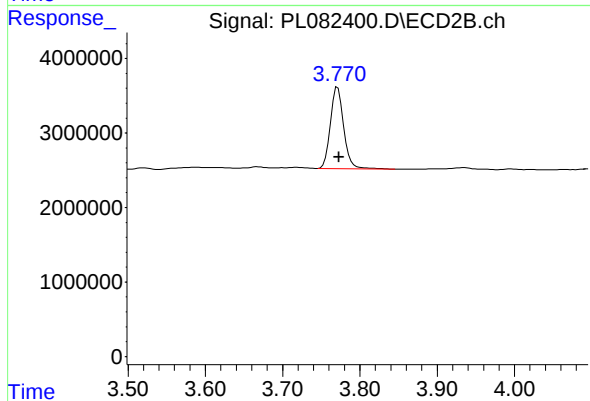
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.003 min
Response: 26570714
Conc: 8.26 ng/ml



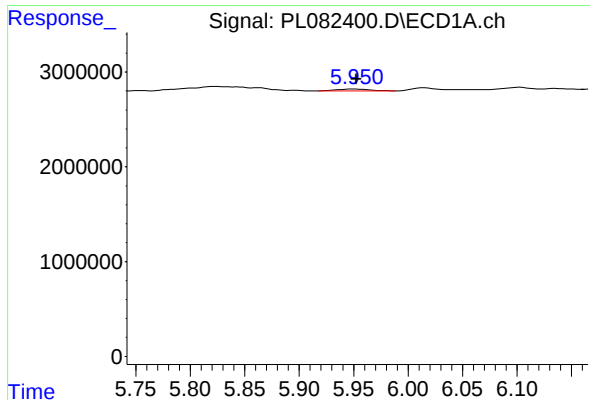
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 16072315
Conc: 9.42 ng/ml



#6 beta-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 13168229
Conc: 9.65 ng/ml



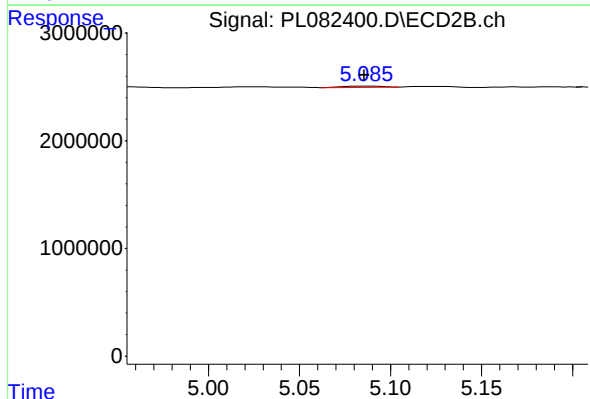
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 431488
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

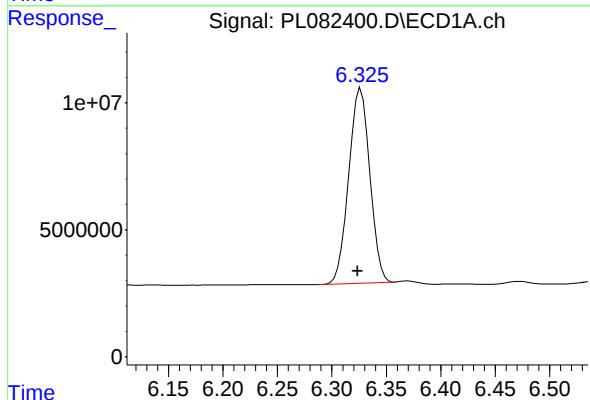
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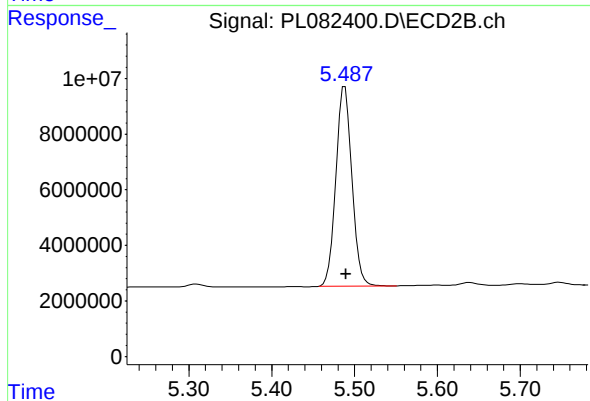
#12 4,4'-DDE

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 182612
Conc: 0.08 ng/ml



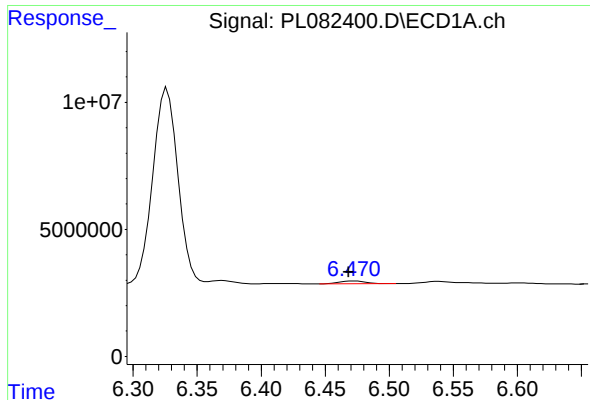
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 103594388
Conc: 42.73 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 96405973
Conc: 39.41 ng/ml



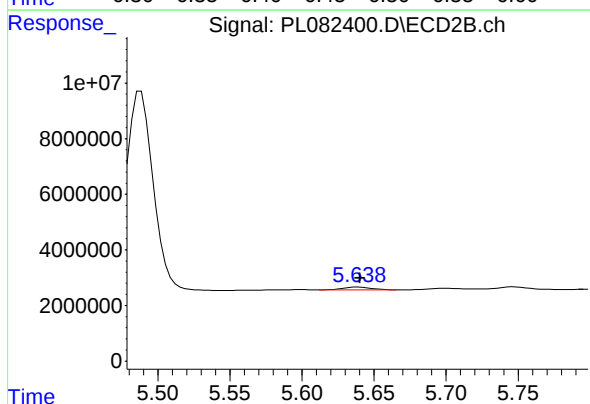
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 1686359
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

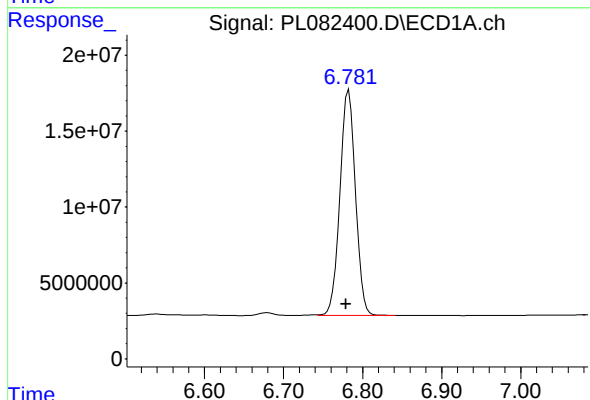
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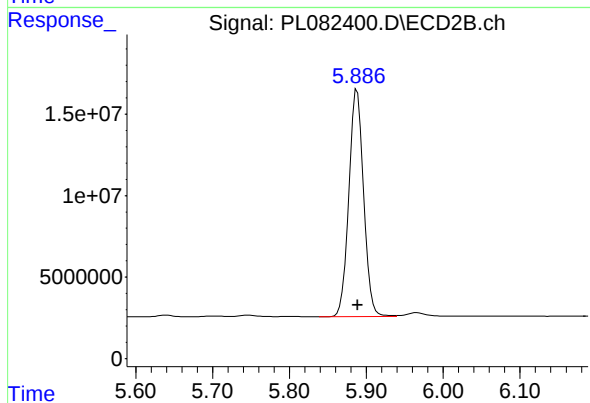
#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 1379261
Conc: 0.74 ng/ml



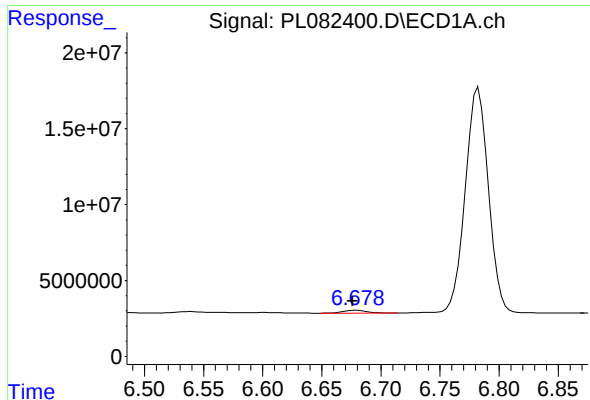
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: 0.004 min
Response: 203024582
Conc: 88.75 ng/ml



#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 185428807
Conc: 87.77 ng/ml



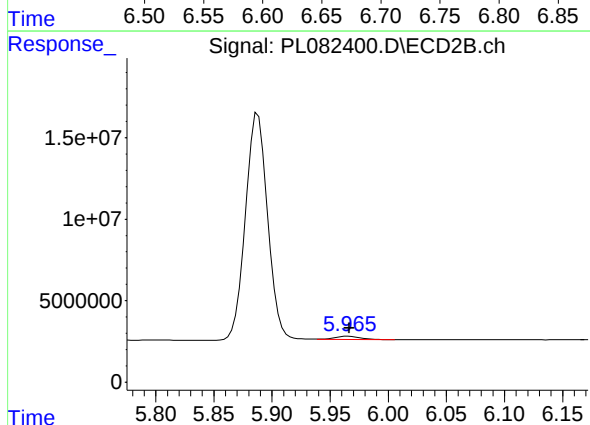
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 2679657
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

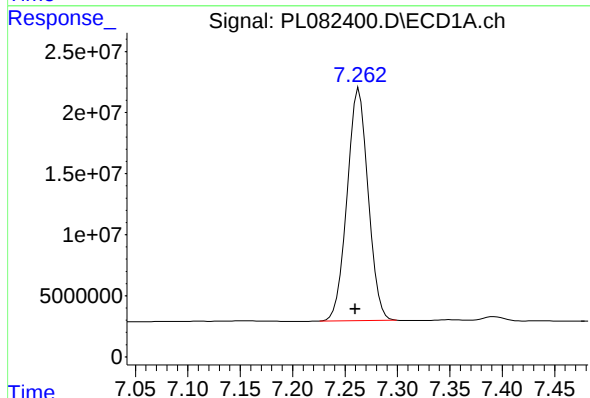
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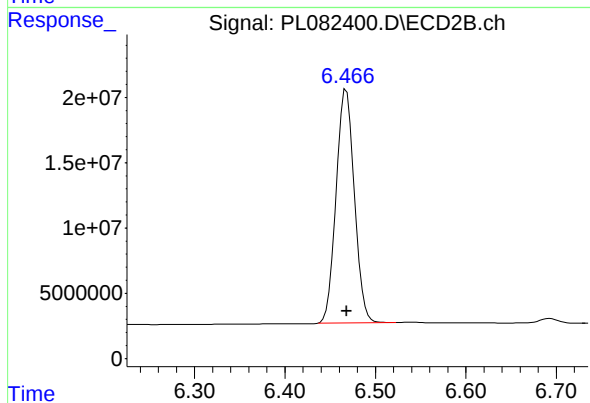
#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 2810065
Conc: 1.50 ng/ml m



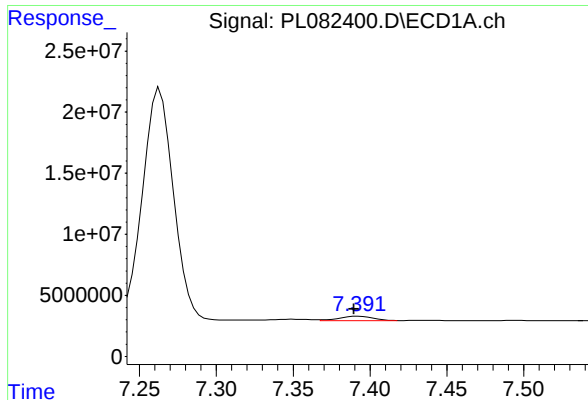
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.004 min
Response: 266727450
Conc: 218.57 ng/ml



#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 251287818
Conc: 207.36 ng/ml



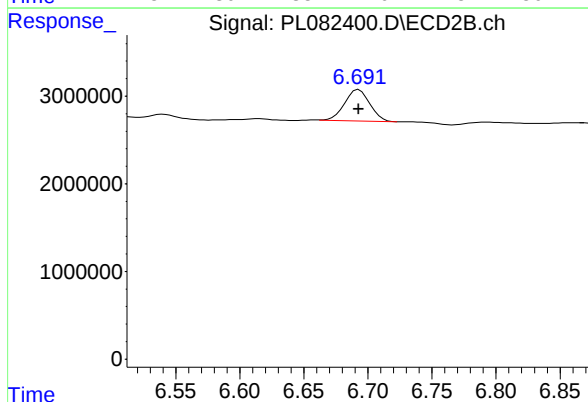
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 5233139
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

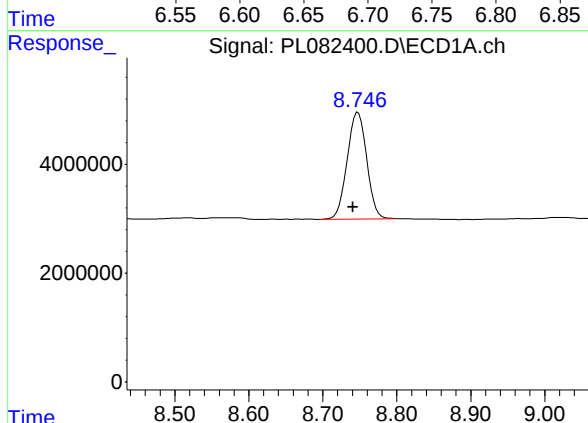
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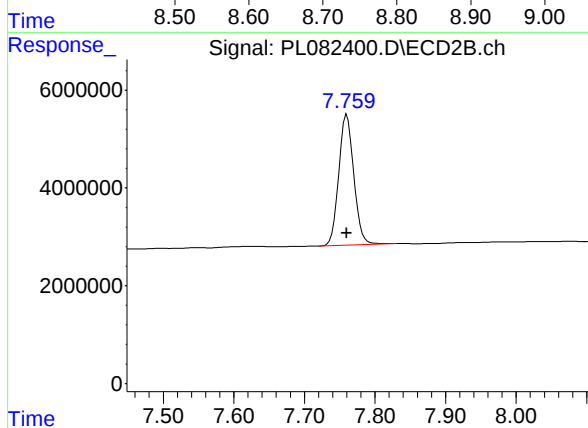
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.001 min
Response: 4881358
Conc: 1.92 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.007 min
Response: 36022195
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 39641090
Conc: 17.37 ng/ml