

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031824\
 Data File : PL088655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2024 09:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2024
 Supervised By :mohammad ahmed 03/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 13:02:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 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...	3.635	2.852	57124314	26595203	21.557	19.955
28)	SA Decachlor...	9.305	8.084	51351501	27790248	20.774	20.495
Target Compounds							
2)	A alpha-BHC	4.099	3.366	39764018	17669779	9.962	8.793
3)	MA gamma-BHC...	4.438	3.703	38646798	16735688	9.965	8.720
6)	B beta-BHC	4.636	4.005	19581338	8620068	11.041	10.056
12)	B 4,4'-DDE	6.331	5.362	601252	428269	0.201m	0.294 #
14)	MA Endrin	6.721	5.773	128.6E6	63964070	47.050	44.375
16)	A 4,4'-DDD	6.856	5.923	5003411	2323040	1.965	1.865
17)	MA 4,4'-DDT	7.174	6.178	267.8E6	130.8E6	100.455	97.449
18)	B Endrin al...	7.074	6.254	3585132	2316746	1.717	2.211 #
20)	A Methoxychlor	7.655	6.762	347.0E6	166.6E6	230.345	207.723
21)	B Endrin ke...	7.801	6.991	8931537	5229770	3.021	3.168

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

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Sample : PEM
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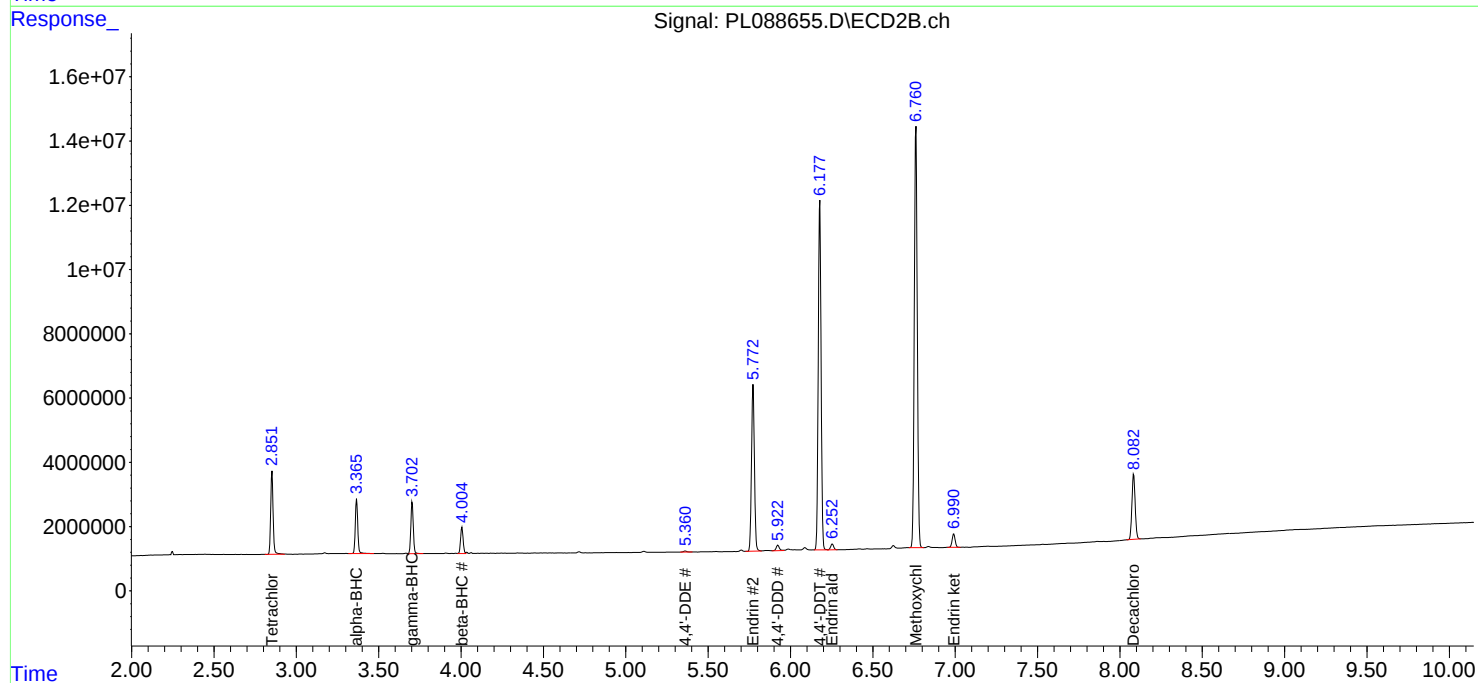
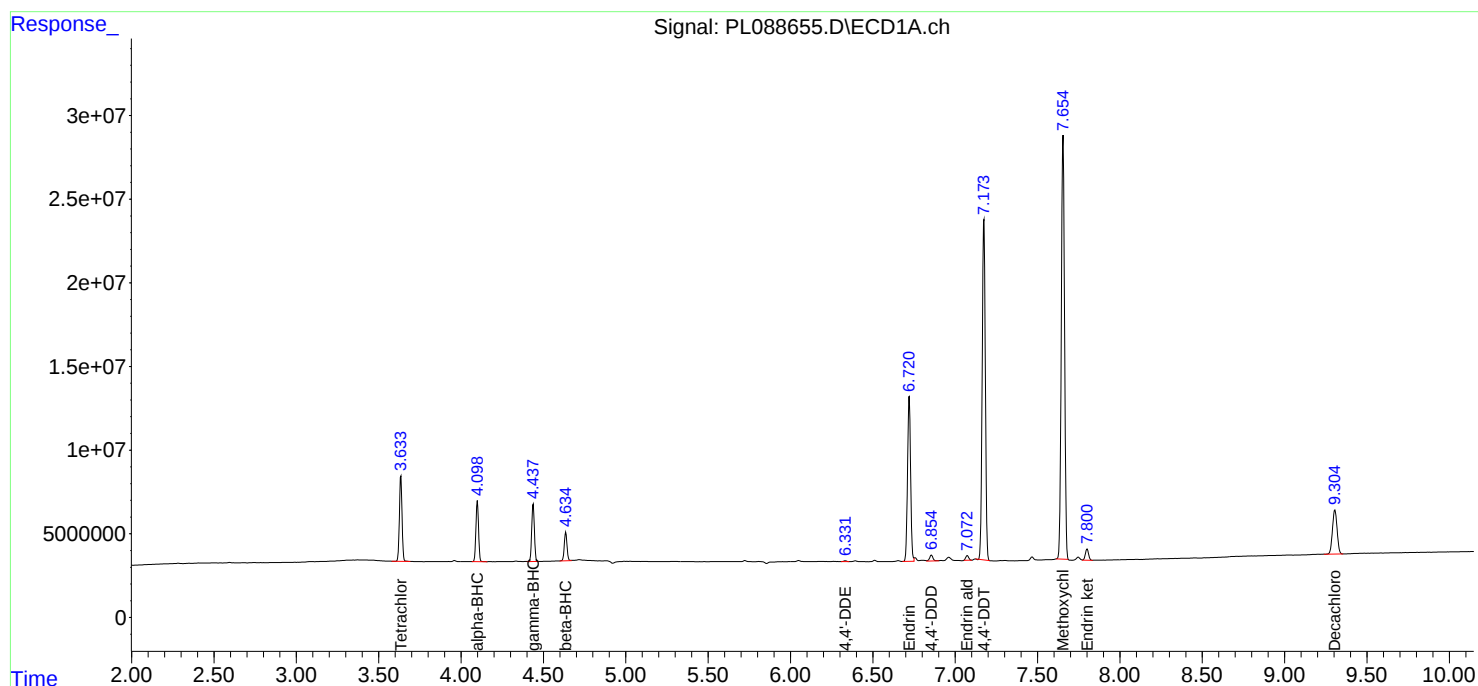
Instrument :
ECD_L
ClientSampleId :
PEM

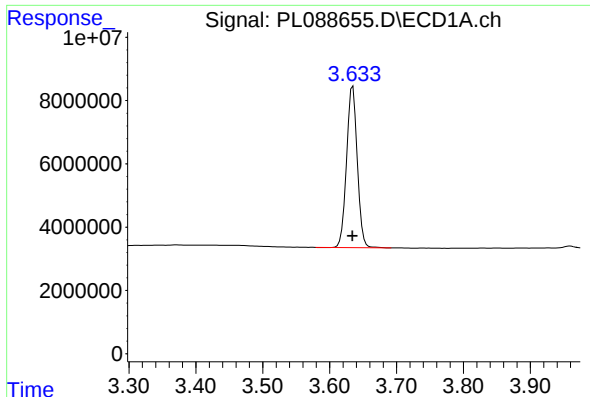
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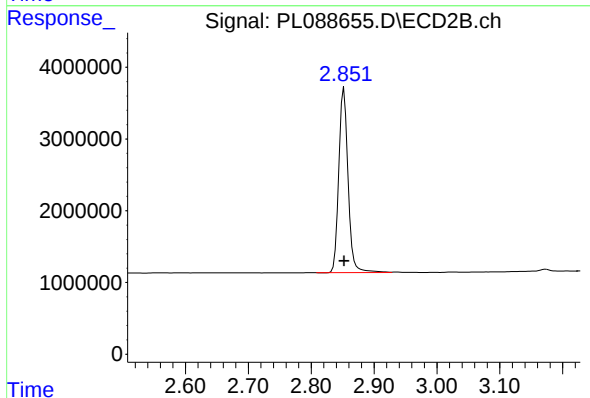
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57124314
Conc: 21.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

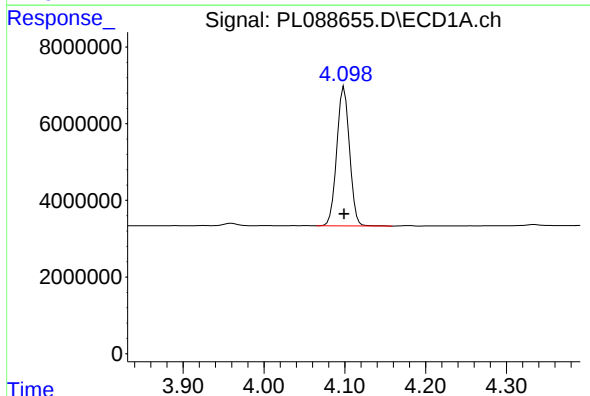
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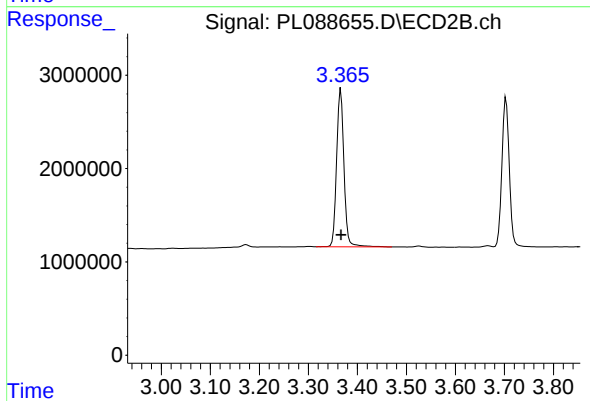
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26595203
Conc: 19.96 ng/ml



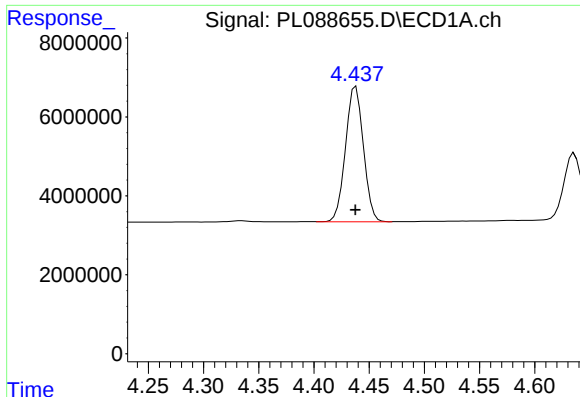
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39764018
Conc: 9.96 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 17669779
Conc: 8.79 ng/ml



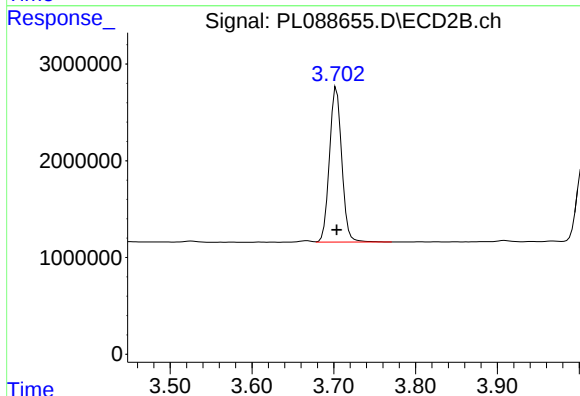
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 38646798
Conc: 9.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

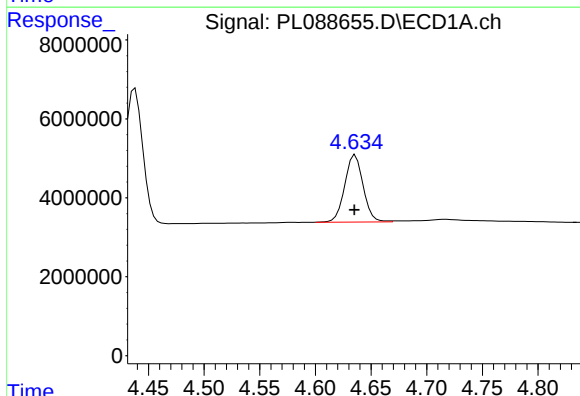
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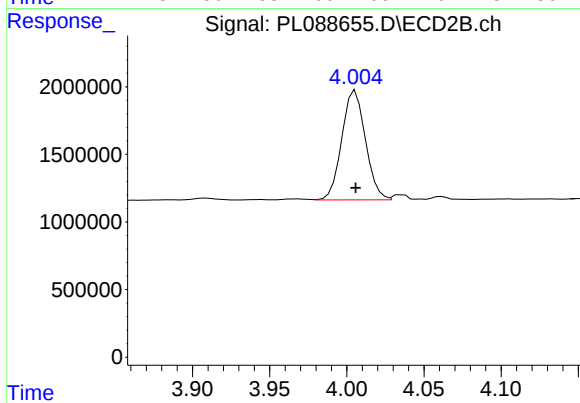
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 16735688
Conc: 8.72 ng/ml



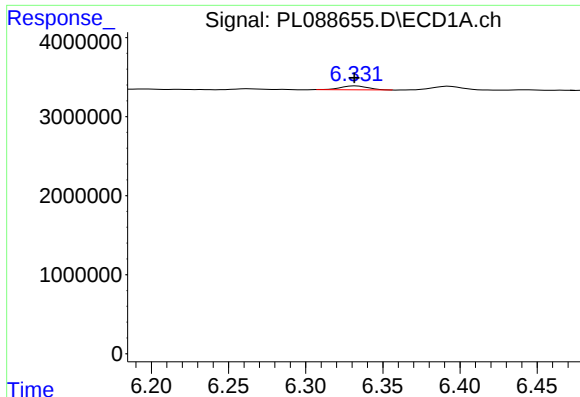
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19581338
Conc: 11.04 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8620068
Conc: 10.06 ng/ml



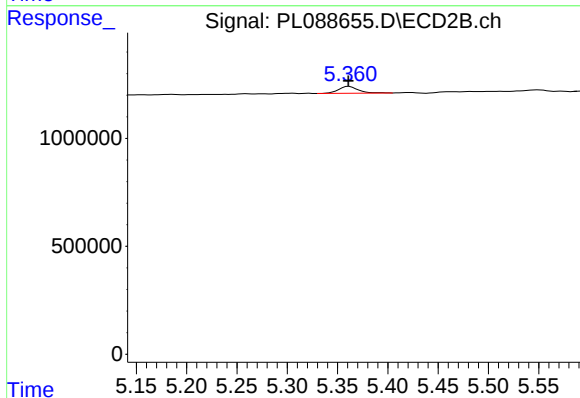
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 601252
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

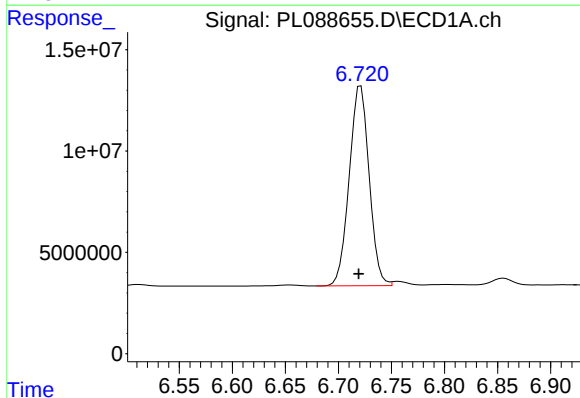
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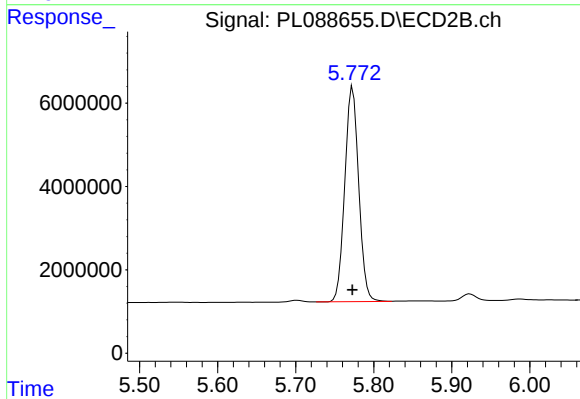
#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 428269
Conc: 0.29 ng/ml



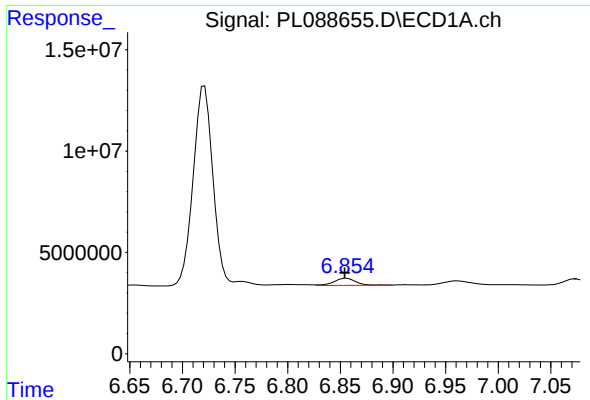
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 128621753
Conc: 47.05 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 63964070
Conc: 44.38 ng/ml



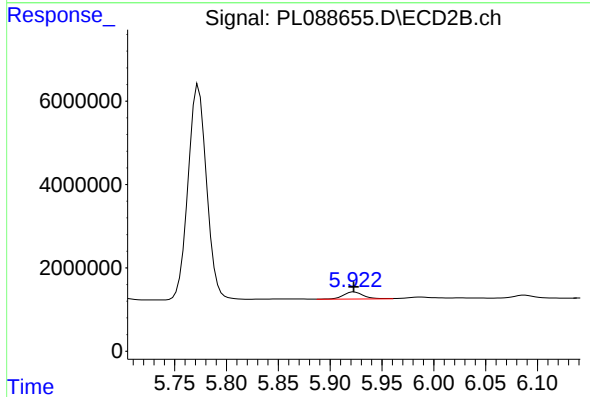
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.001 min
Response: 5003411
Conc: 1.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

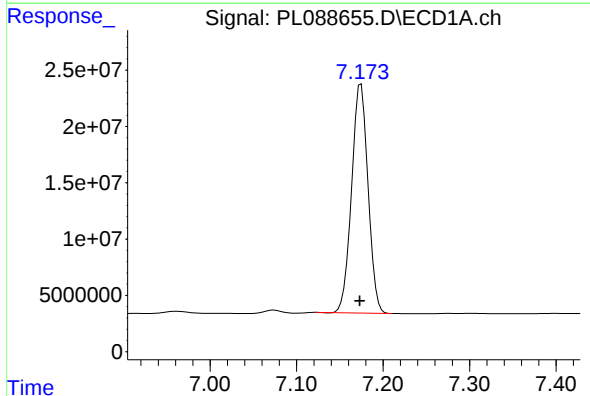
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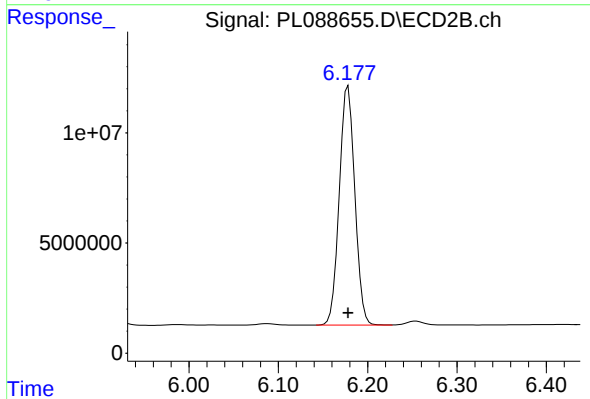
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 2323040
Conc: 1.87 ng/ml



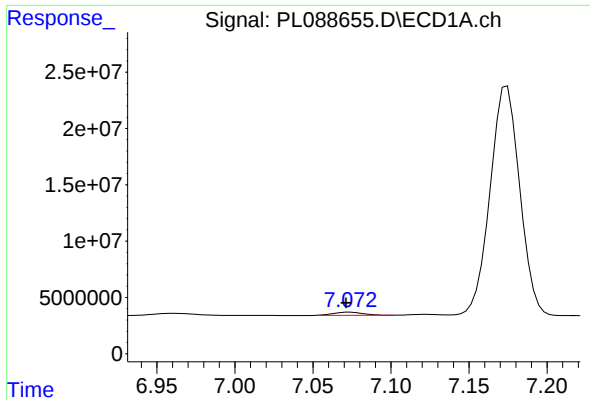
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.001 min
Response: 267760912
Conc: 100.46 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 130795513
Conc: 97.45 ng/ml



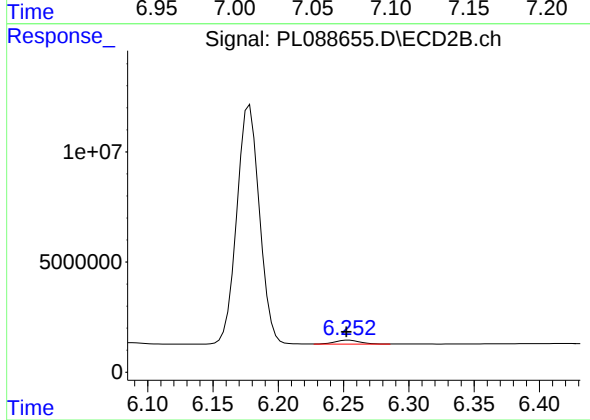
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 3585132
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

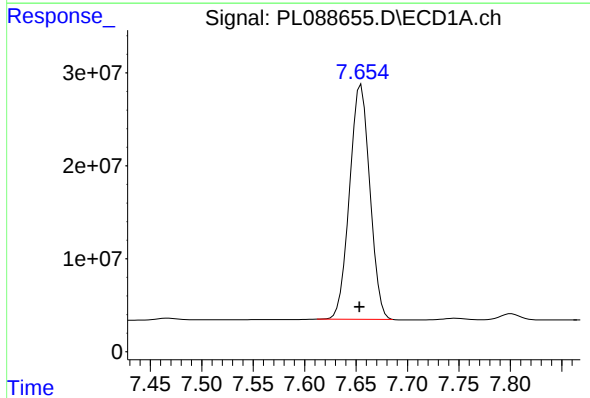
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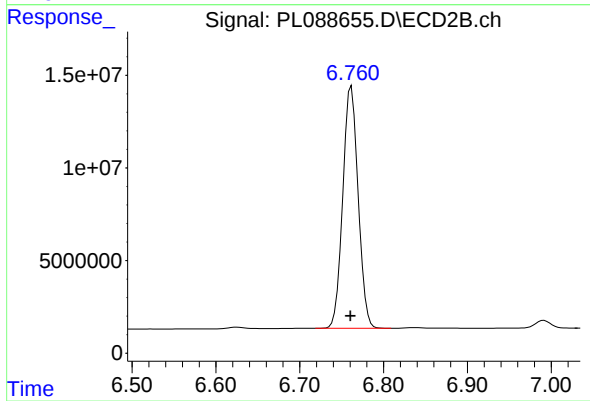
#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 2316746
Conc: 2.21 ng/ml



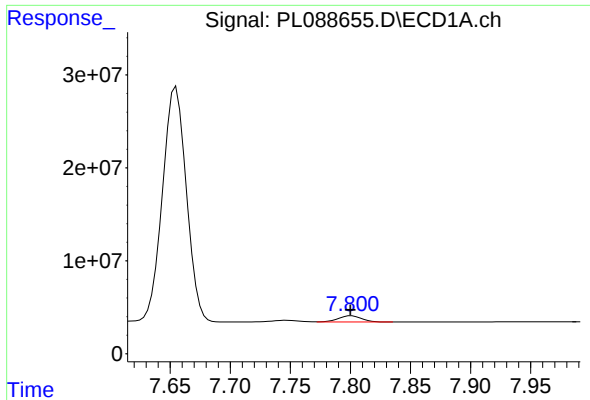
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 347018144
Conc: 230.35 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: 0.001 min
Response: 166608338
Conc: 207.72 ng/ml



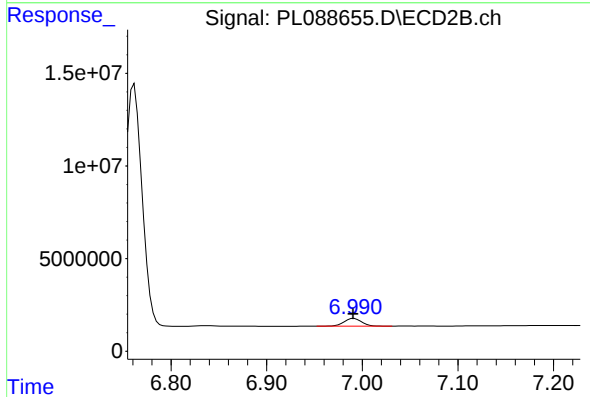
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 8931537
Conc: 3.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

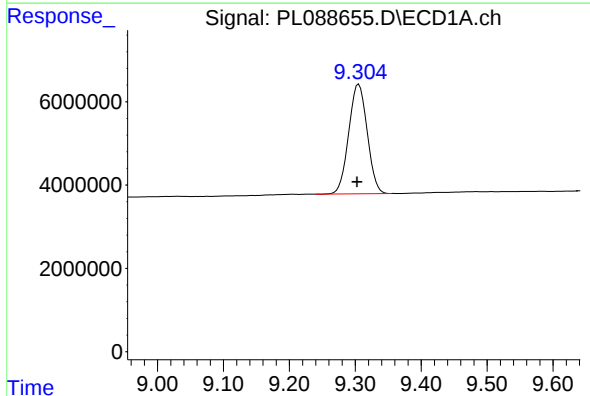
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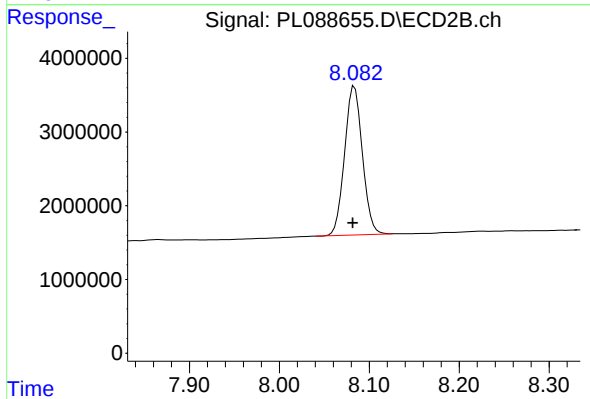
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: 0.001 min
Response: 5229770
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.003 min
Response: 51351501
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.002 min
Response: 27790248
Conc: 20.50 ng/ml