

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
 Data File : PL088789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2024 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/28/2024
 Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 22:01:57 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	2.853	61135042	31209154	23.070	23.417
28)	SA Decachlor...	9.298	8.078	52177898	32148279	21.108	23.710
Target Compounds							
2)	A alpha-BHC	4.099	3.367	42331925	20825354	10.605	10.364
3)	MA gamma-BHC...	4.437	3.703	41141537	20349422	10.608	10.604
6)	B beta-BHC	4.634	4.005	20383773	10430920	11.494	12.168
12)	B 4,4'-DDE	6.329	5.356	542164	265866	0.181	0.182m
14)	MA Endrin	6.716	5.770	136.6E6	81365604	49.970	56.448
16)	A 4,4'-DDD	6.851	5.920	10075439	4822479	3.956	3.872
17)	MA 4,4'-DDT	7.170	6.175	277.7E6	167.9E6	104.195	125.079
18)	B Endrin al...	7.069	6.249	3861754	3097443	1.850	2.956 #
20)	A Methoxychlor	7.650	6.758	358.7E6	214.0E6	238.075	266.815
21)	B Endrin ke...	7.796	6.986	10051235	7164637	3.400	4.340 #

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

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ALS Vial : 3 Sample Multiplier: 1

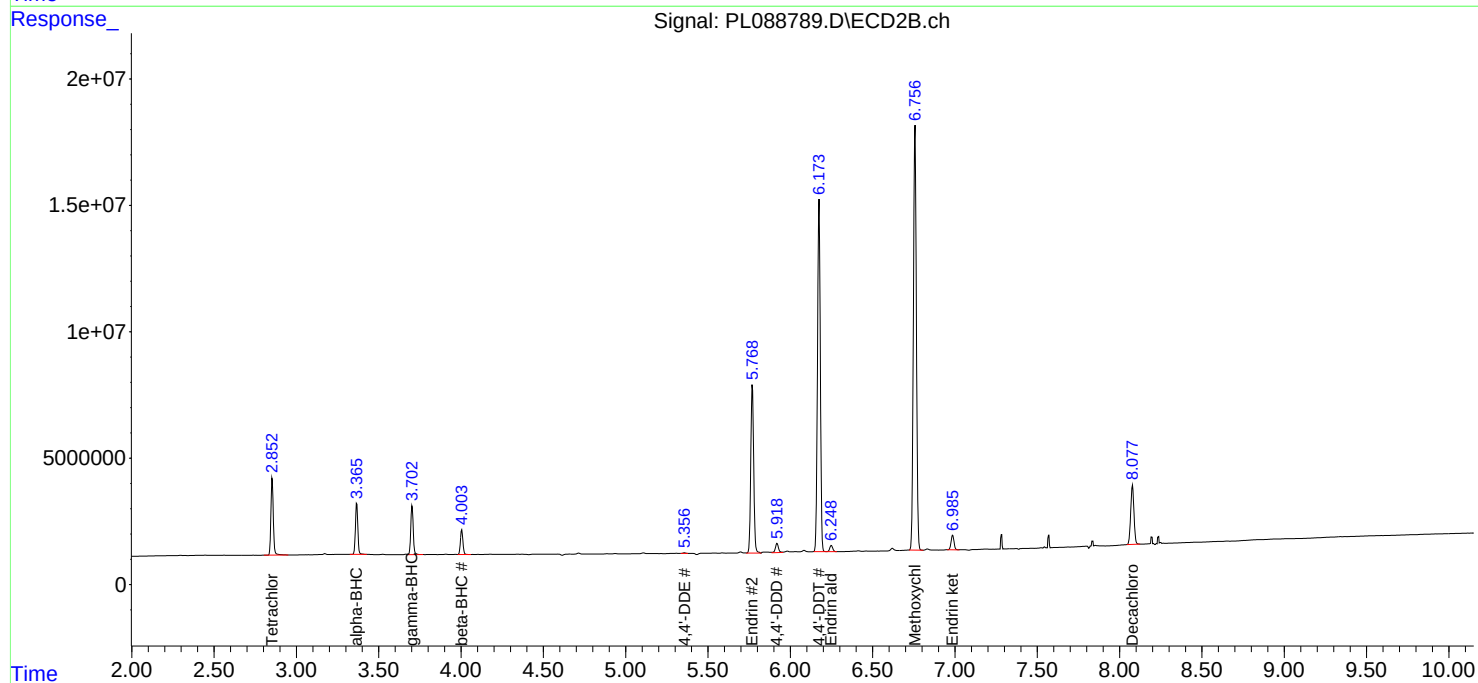
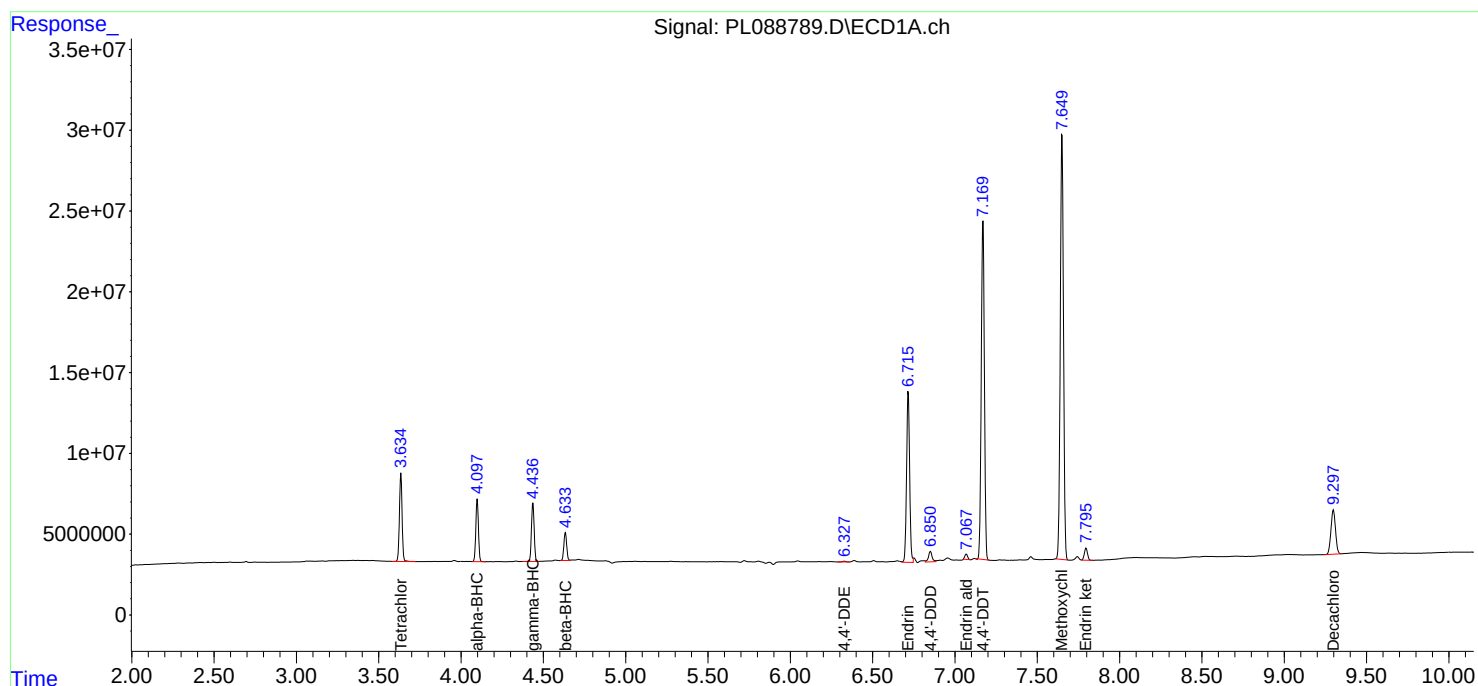
Instrument :
ECD_L
ClientSampleId :
PEM

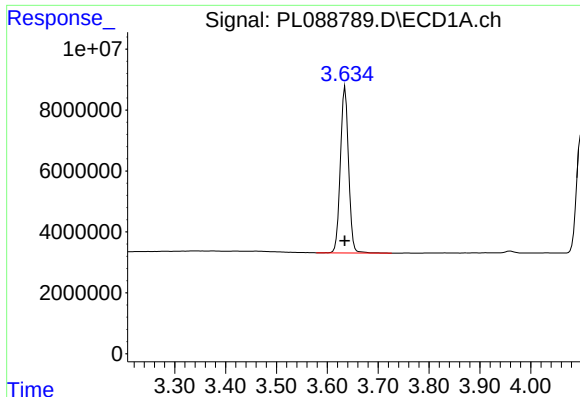
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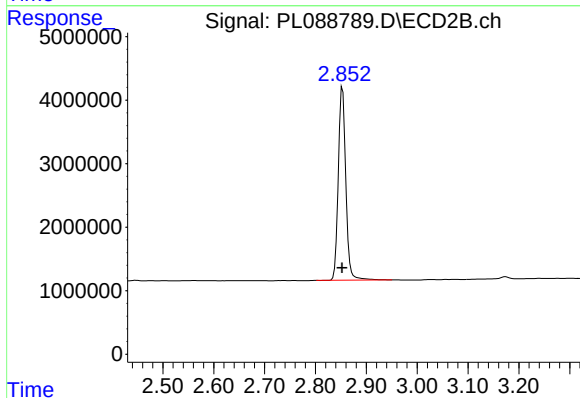
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 61135042
Conc: 23.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

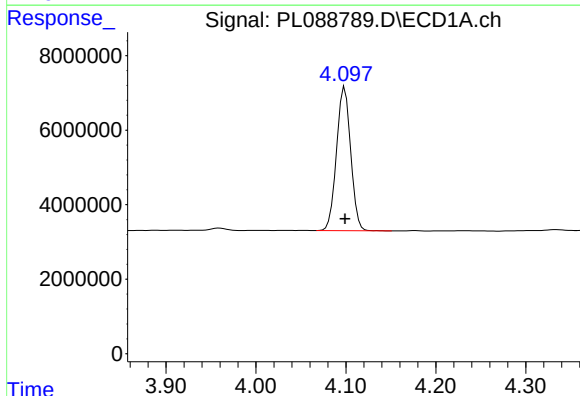
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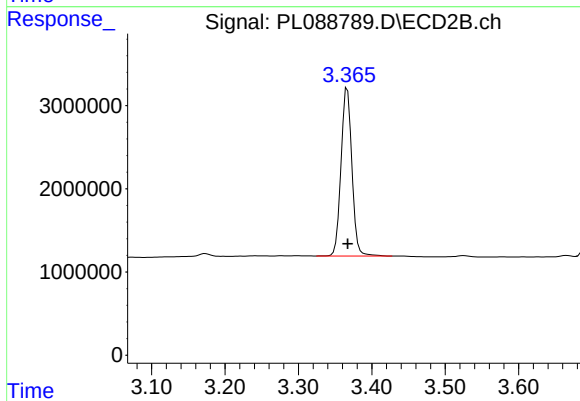
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 31209154
Conc: 23.42 ng/ml



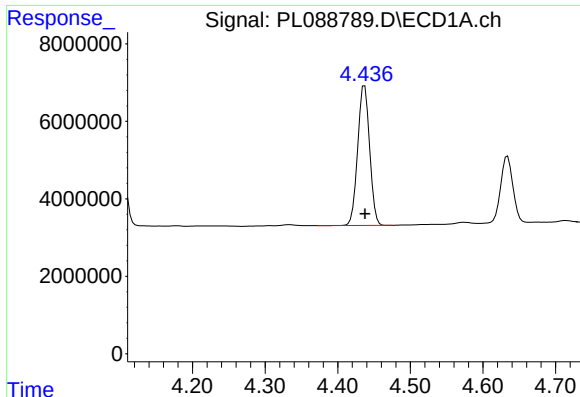
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 42331925
Conc: 10.60 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 20825354
Conc: 10.36 ng/ml



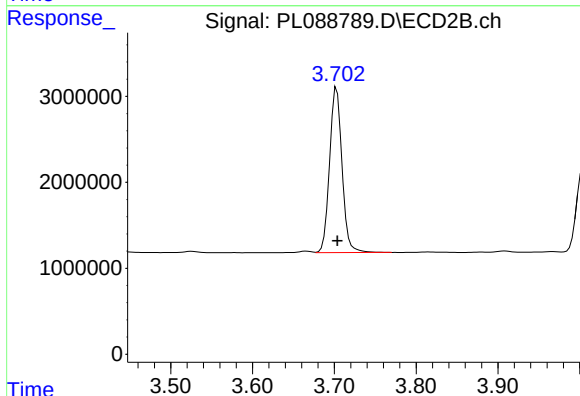
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 41141537
Conc: 10.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

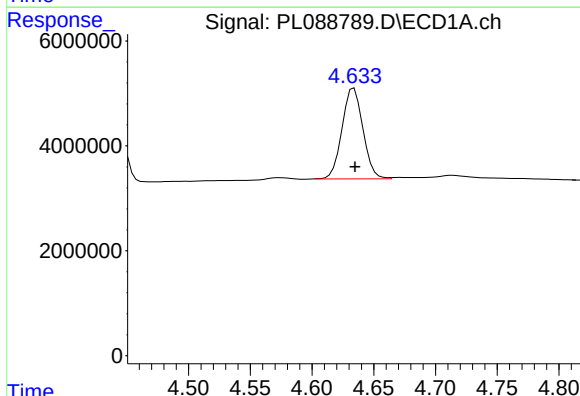
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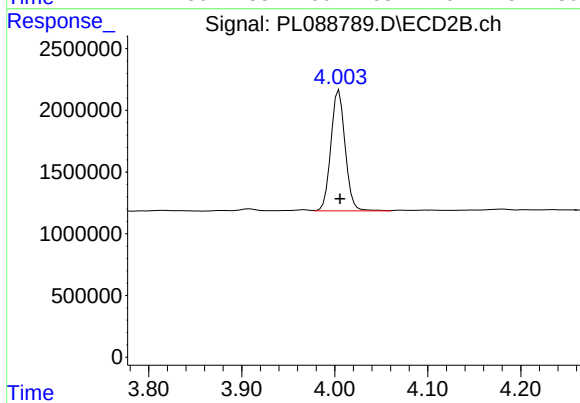
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 20349422
Conc: 10.60 ng/ml



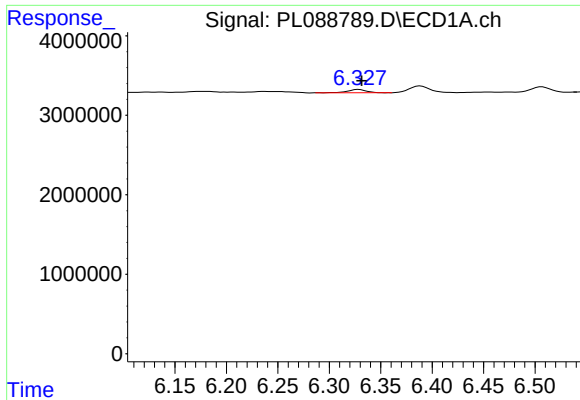
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 20383773
Conc: 11.49 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 10430920
Conc: 12.17 ng/ml



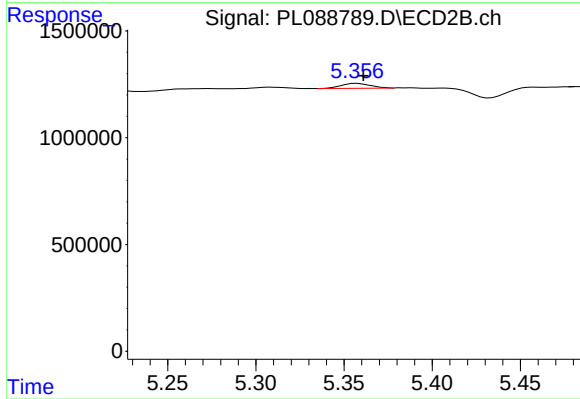
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 542164
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

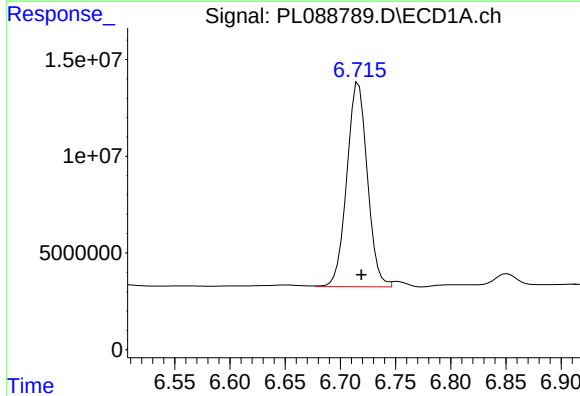
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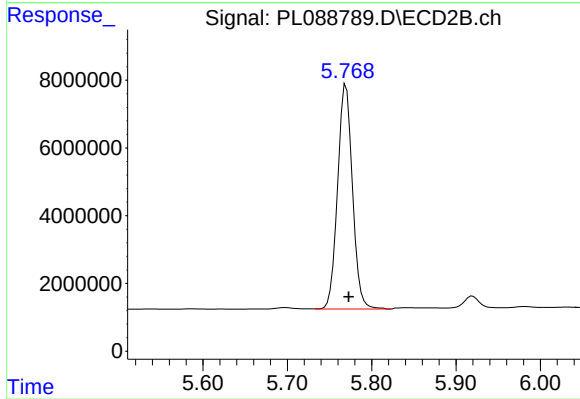
#12 4,4'-DDE

R.T.: 5.356 min
Delta R.T.: -0.005 min
Response: 265866
Conc: 0.18 ng/ml m



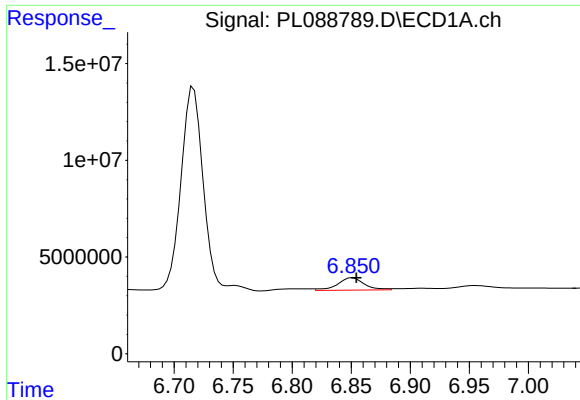
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.003 min
Response: 136604627
Conc: 49.97 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 81365604
Conc: 56.45 ng/ml



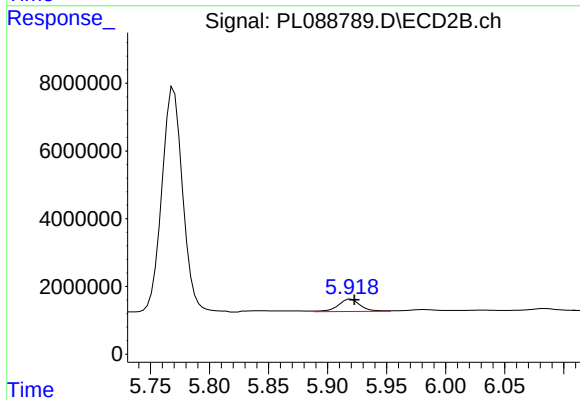
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 10075439
Conc: 3.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

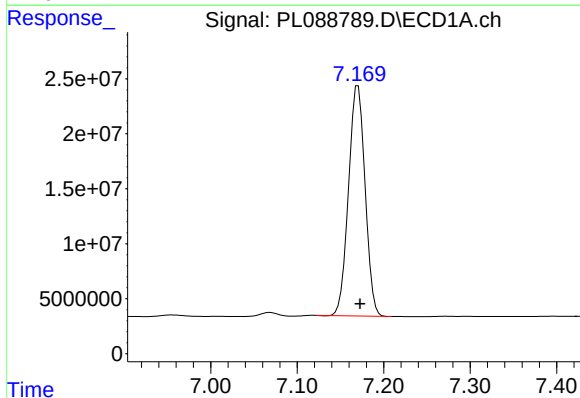
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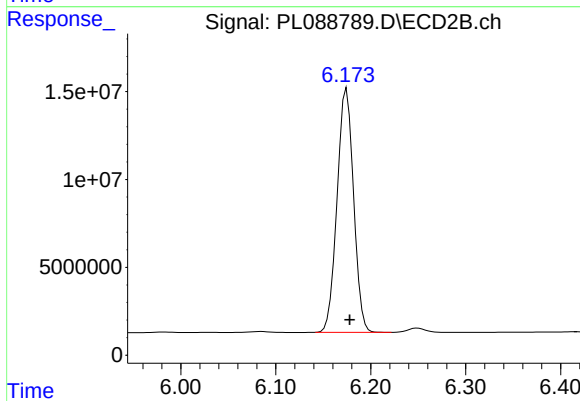
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 4822479
Conc: 3.87 ng/ml



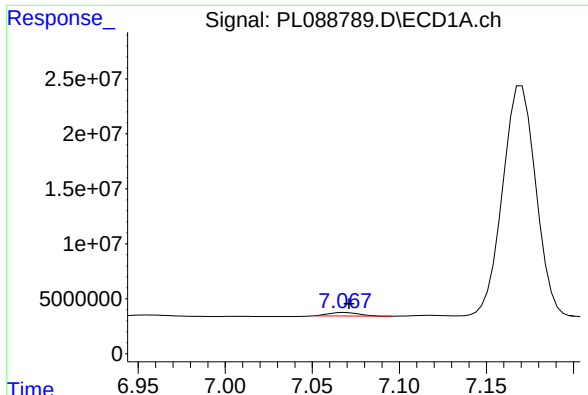
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 277729766
Conc: 104.20 ng/ml



#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 167880655
Conc: 125.08 ng/ml



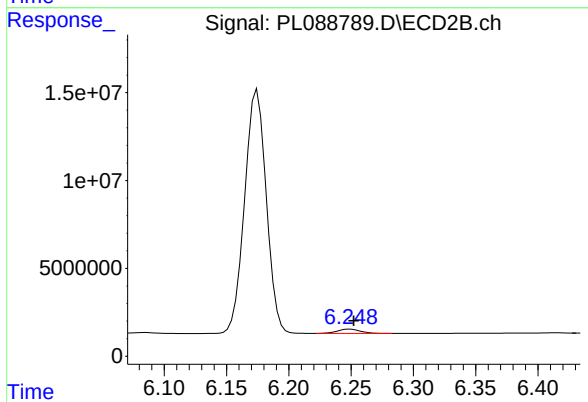
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 3861754
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

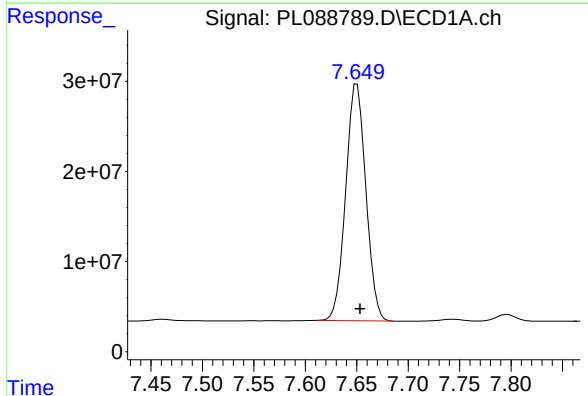
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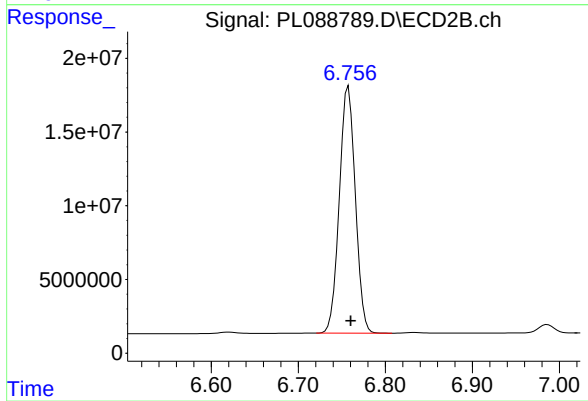
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 3097443
Conc: 2.96 ng/ml



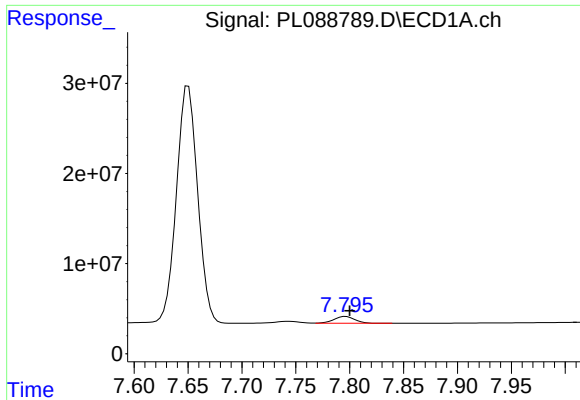
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 358662938
Conc: 238.07 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 214004374
Conc: 266.81 ng/ml



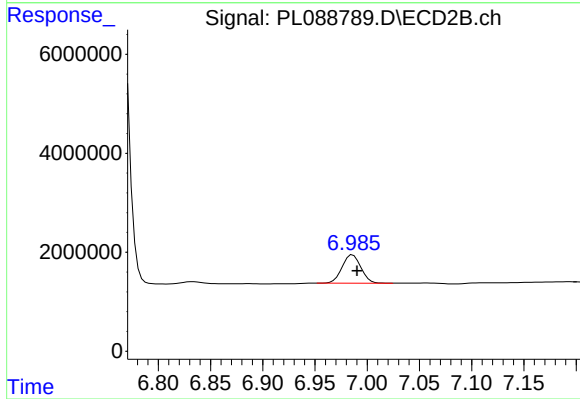
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 10051235
Conc: 3.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

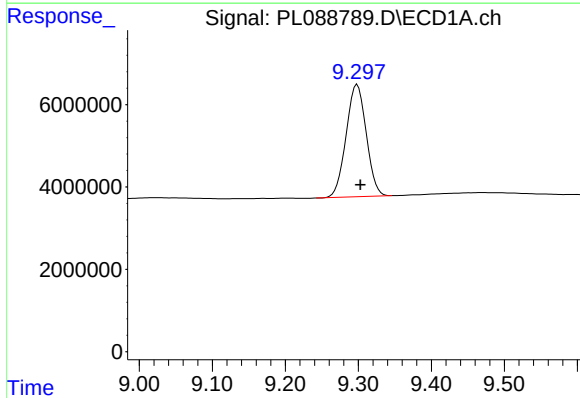
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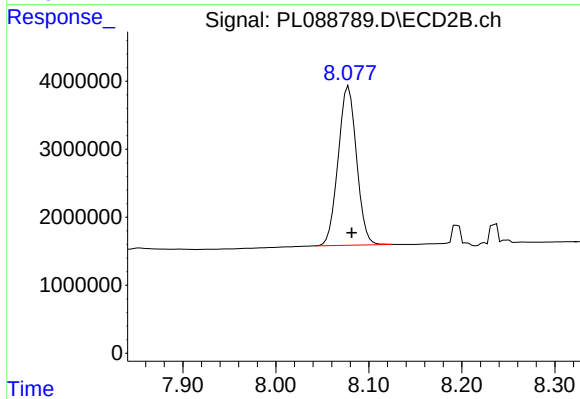
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 7164637
Conc: 4.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.298 min
Delta R.T.: -0.004 min
Response: 52177898
Conc: 21.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.003 min
Response: 32148279
Conc: 23.71 ng/ml