

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 10:37
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :Ankita Jodhani 12/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:24:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.610	54544022	15493008	17.060	17.035
28)	SA Decachlor...	8.843	7.760	50519118	20352269	18.924	18.459
Target Compounds							
2)	A alpha-BHC	3.796	3.107	38410882	9856579	8.296	7.761
3)	MA gamma-BHC...	4.128	3.434	36782906	9622959	8.408	7.876
6)	B beta-BHC	4.332	3.737	18447352	5224703	9.861	9.875
12)	B 4,4'-DDE	6.005	5.067	936620	152905	0.310m	0.167m#
14)	MA Endrin	6.375	5.459	123.5E6	40093704	47.924	47.572
16)	A 4,4'-DDD	6.527	5.623	2858744	792505	1.221m	1.026
17)	MA 4,4'-DDT	6.841	5.874	249.9E6	84675605	97.363	104.996
18)	B Endrin al...	6.732	5.940	5300273	2749036	2.485	3.935 #
20)	A Methoxychlor	7.328	6.459	317.7E6	118.8E6	240.584	230.895
21)	B Endrin ke...	7.447	6.665	7681022	3238974	2.569m	2.837

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

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Acq On : 04 Dec 2023 10:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

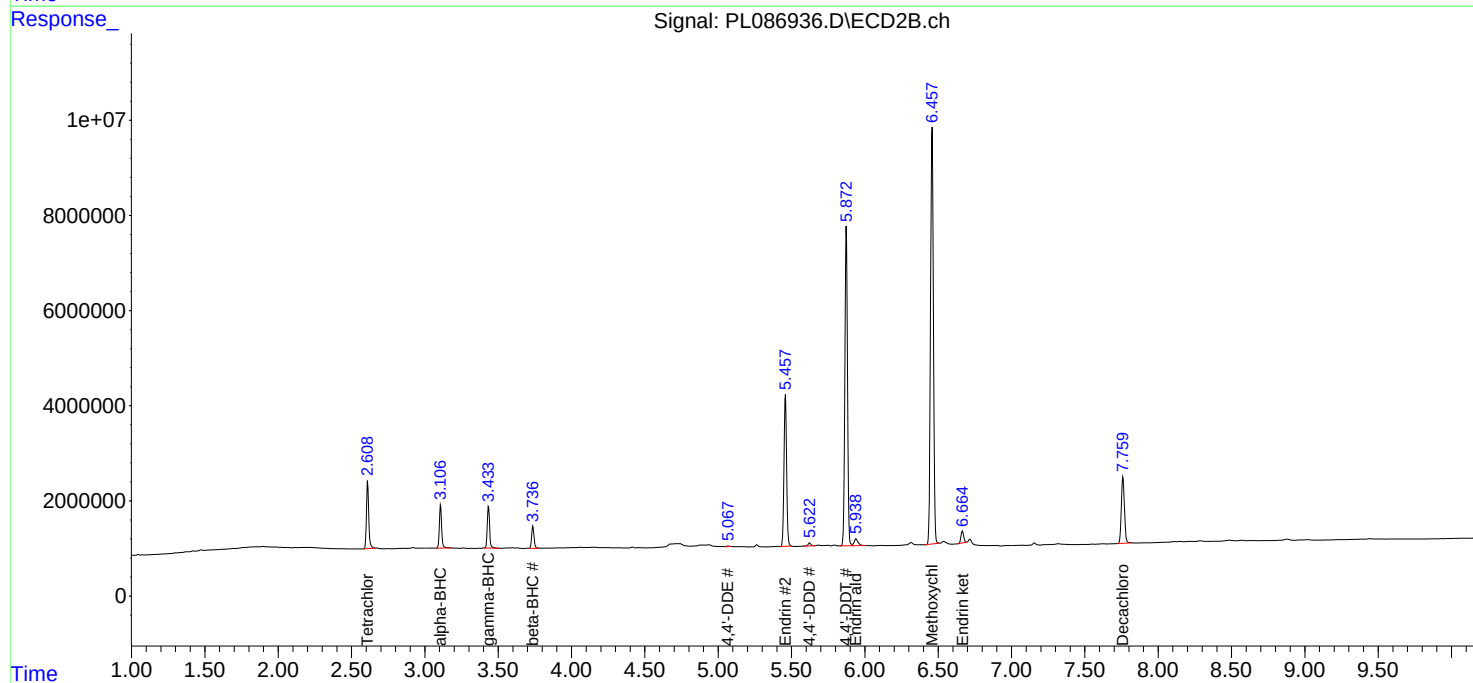
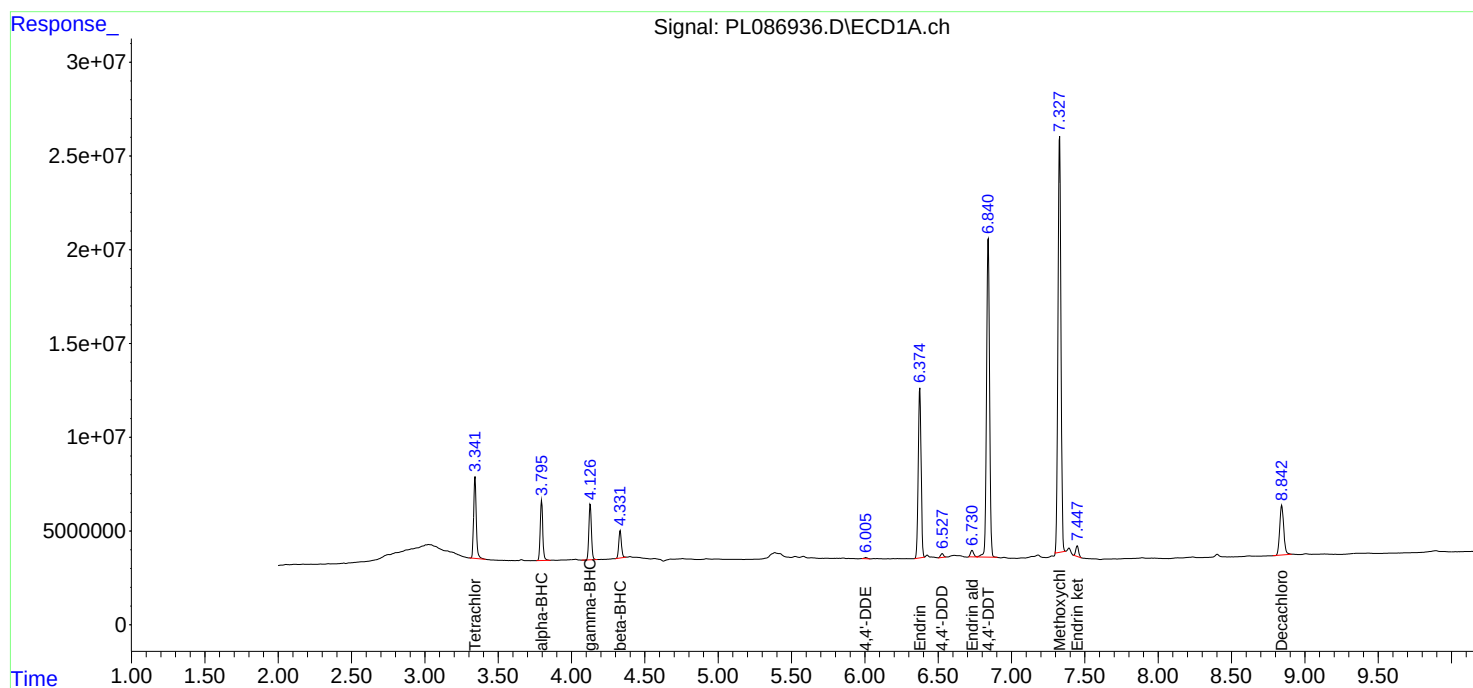
Instrument :
ECD_L
ClientSampleId :
PEM

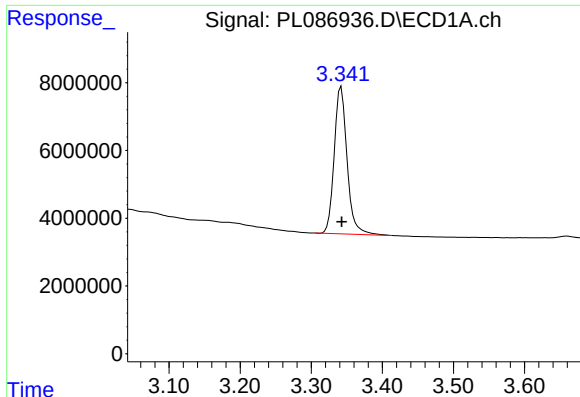
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





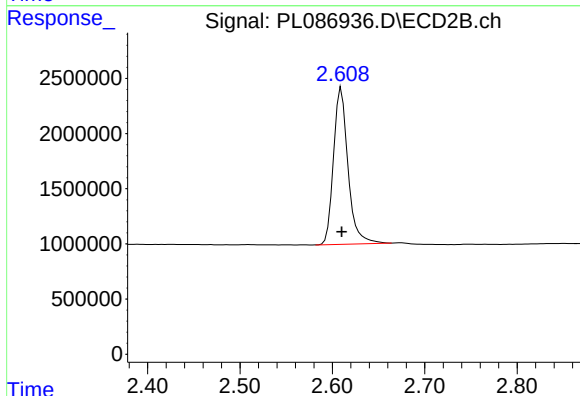
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 54544022
Conc: 17.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

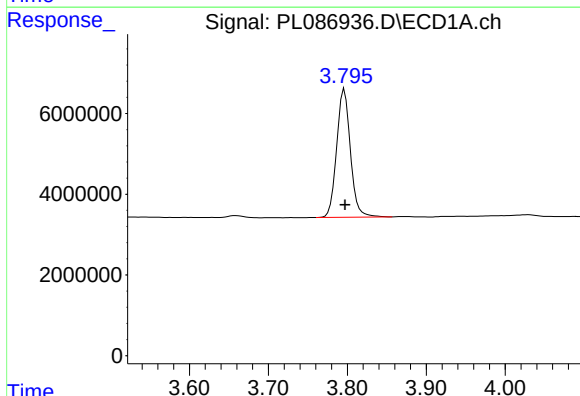
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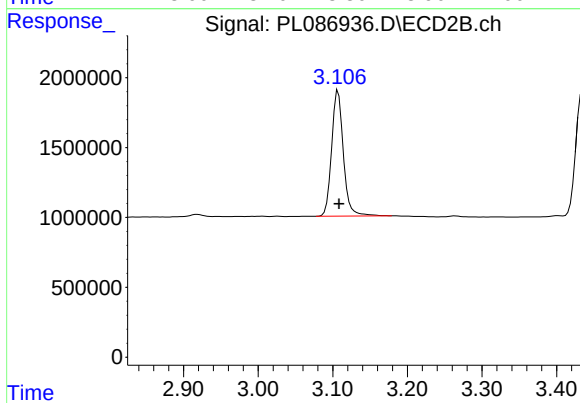
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 15493008
Conc: 17.03 ng/ml



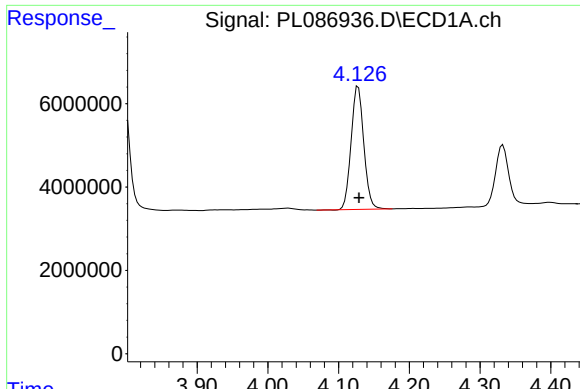
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 38410882
Conc: 8.30 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.001 min
Response: 9856579
Conc: 7.76 ng/ml



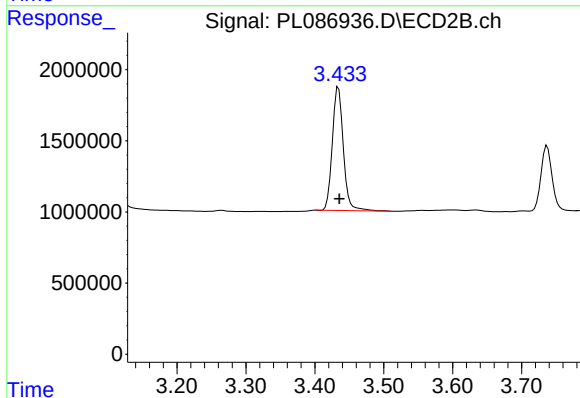
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 36782906
Conc: 8.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

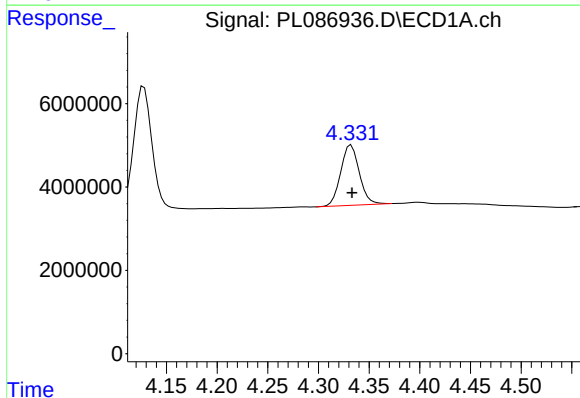
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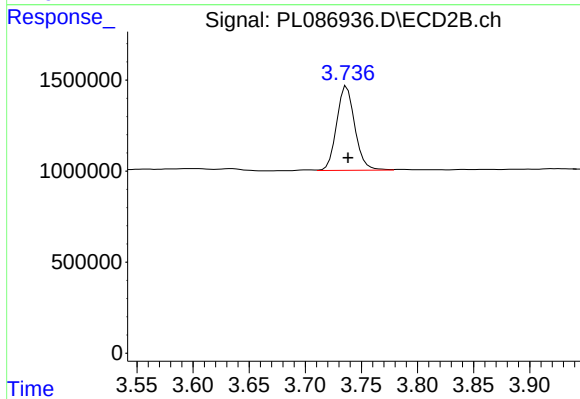
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.001 min
Response: 9622959
Conc: 7.88 ng/ml



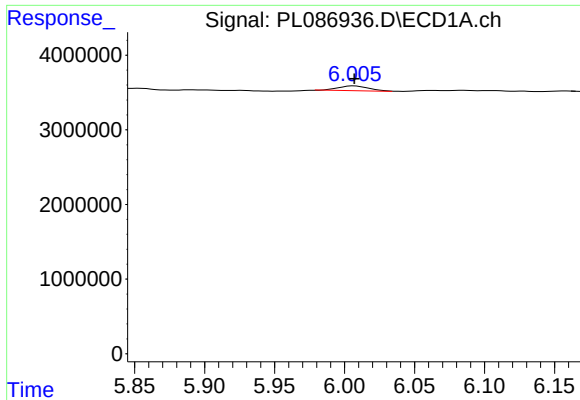
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 18447352
Conc: 9.86 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 5224703
Conc: 9.87 ng/ml



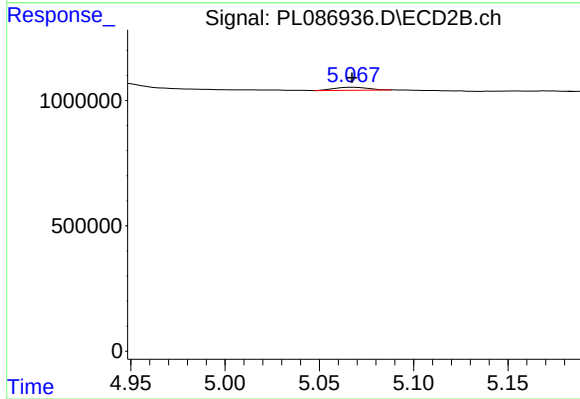
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 936620
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

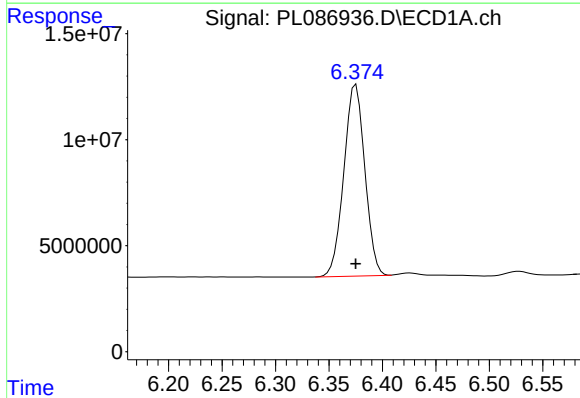
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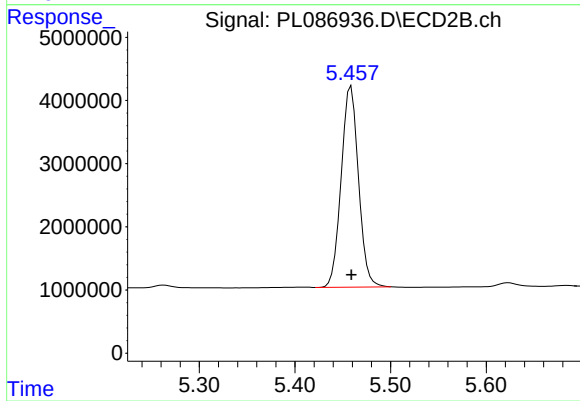
#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 152905
Conc: 0.17 ng/ml m



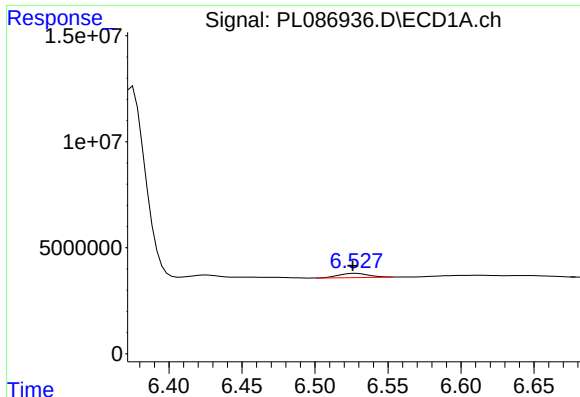
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 123530718
Conc: 47.92 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 40093704
Conc: 47.57 ng/ml



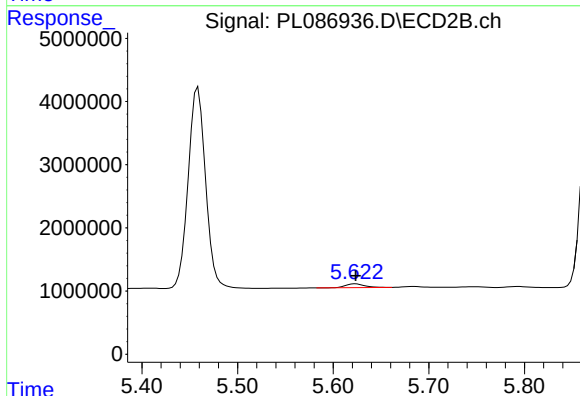
#16 4,4'-DDD

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 2858744
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

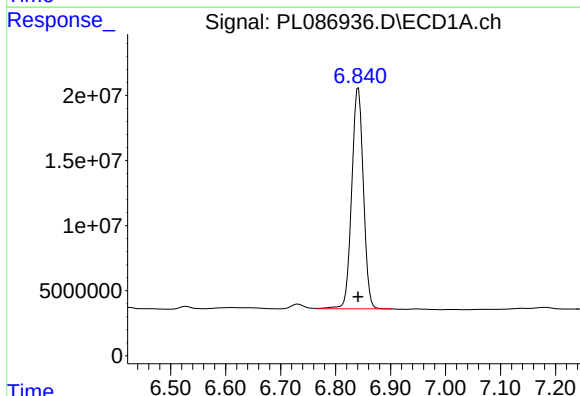
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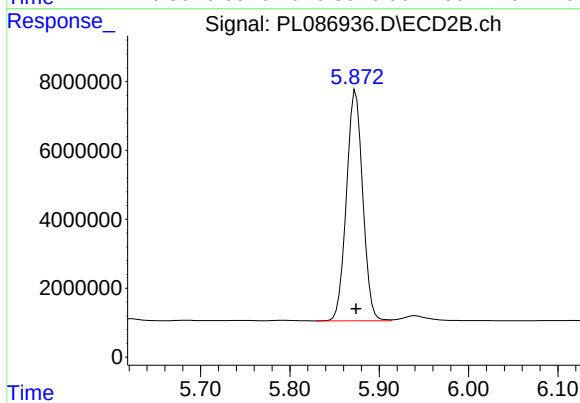
#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 792505
Conc: 1.03 ng/ml



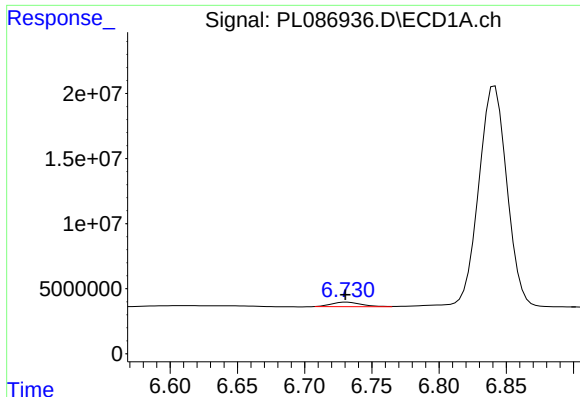
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 249898507
Conc: 97.36 ng/ml



#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 84675605
Conc: 105.00 ng/ml



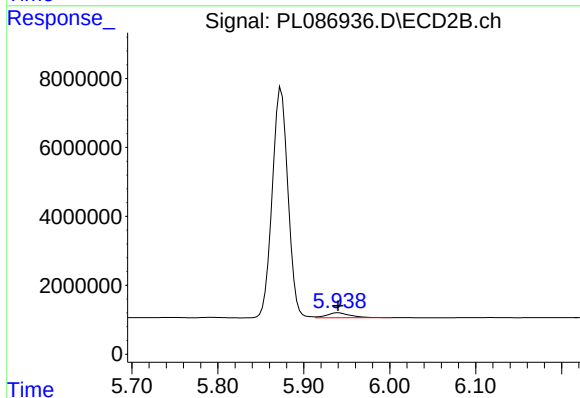
#18 Endrin aldehyde

R.T.: 6.732 min
Delta R.T.: 0.001 min
Response: 5300273
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

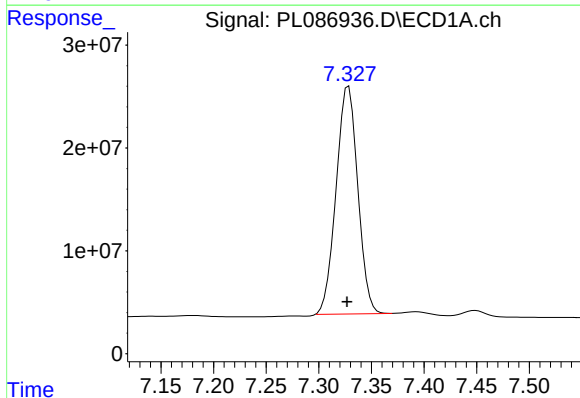
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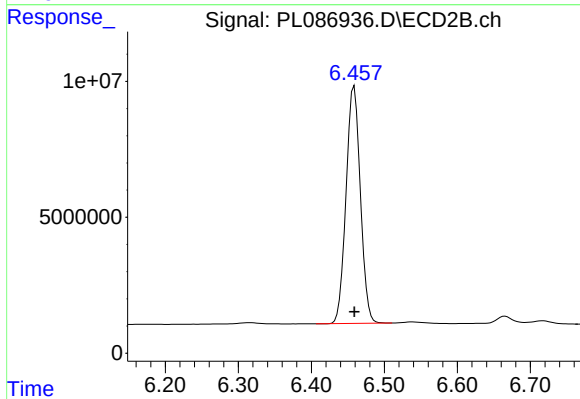
#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2749036
Conc: 3.93 ng/ml



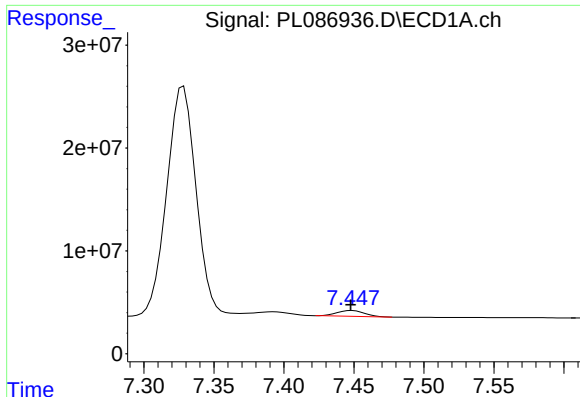
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.001 min
Response: 317686576
Conc: 240.58 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 118846405
Conc: 230.89 ng/ml



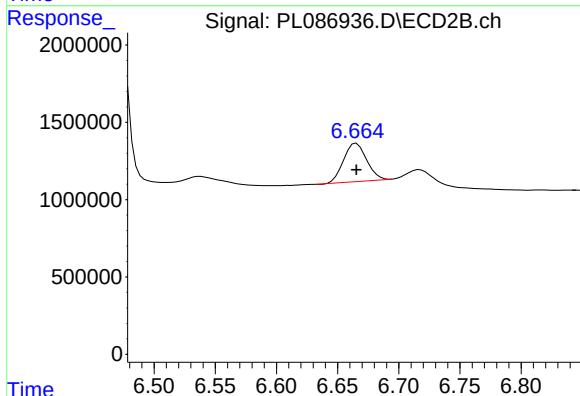
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 7681022
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

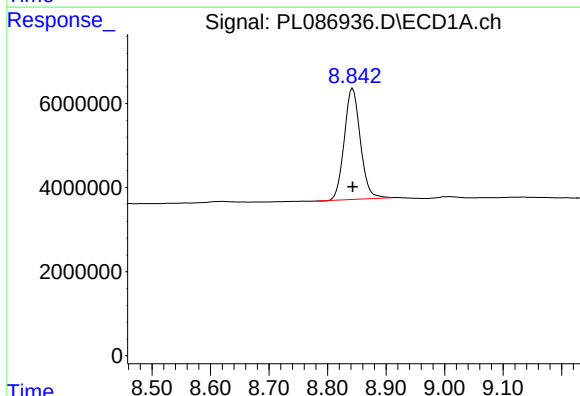
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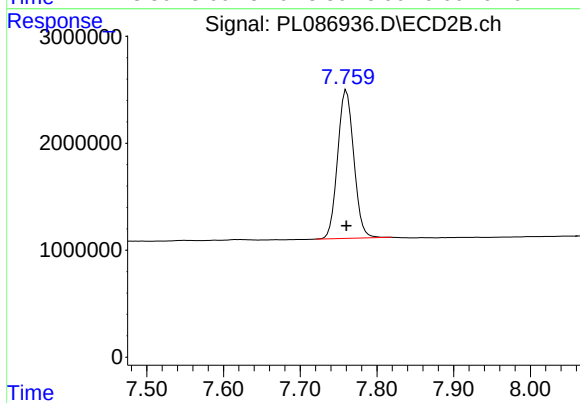
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 3238974
Conc: 2.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 50519118
Conc: 18.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 20352269
Conc: 18.46 ng/ml