

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020124\
 Data File : PL088081.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2024 09:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/02/2024
 Supervised By :Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 20:45:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 29 12:34:13 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...	3.418	2.670	58076920	22597997	20.023	18.206
28)	SA Decachlor...	8.981	7.854	65043235	26516684	24.270	21.803
Target Compounds							
2)	A alpha-BHC	3.874	3.173	40466843	15141421	9.301	8.230
3)	MA gamma-BHC...	4.208	3.503	39402630	14453268	9.312	8.012
6)	B beta-BHC	4.408	3.805	19301540	7417650	10.453	9.802
12)	B 4,4'-DDE	6.089	5.149	565005	147782	0.188m	0.116m#
14)	MA Endrin	6.470	5.546	142.7E6	59617459	47.225	44.019
16)	A 4,4'-DDD	6.617	5.707	3004629	1068665	1.249	1.016
17)	MA 4,4'-DDT	6.934	5.958	308.7E6	123.1E6	112.805	103.776
18)	B Endrin al...	6.824	6.025	4165126	2085155	1.789	2.065m
20)	A Methoxychlor	7.420	6.544	409.1E6	165.1E6	263.283	232.677
21)	B Endrin ke...	7.546	6.755	7741271	3877928	2.528m	2.612m

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

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Acq On : 01 Feb 2024 09:28
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

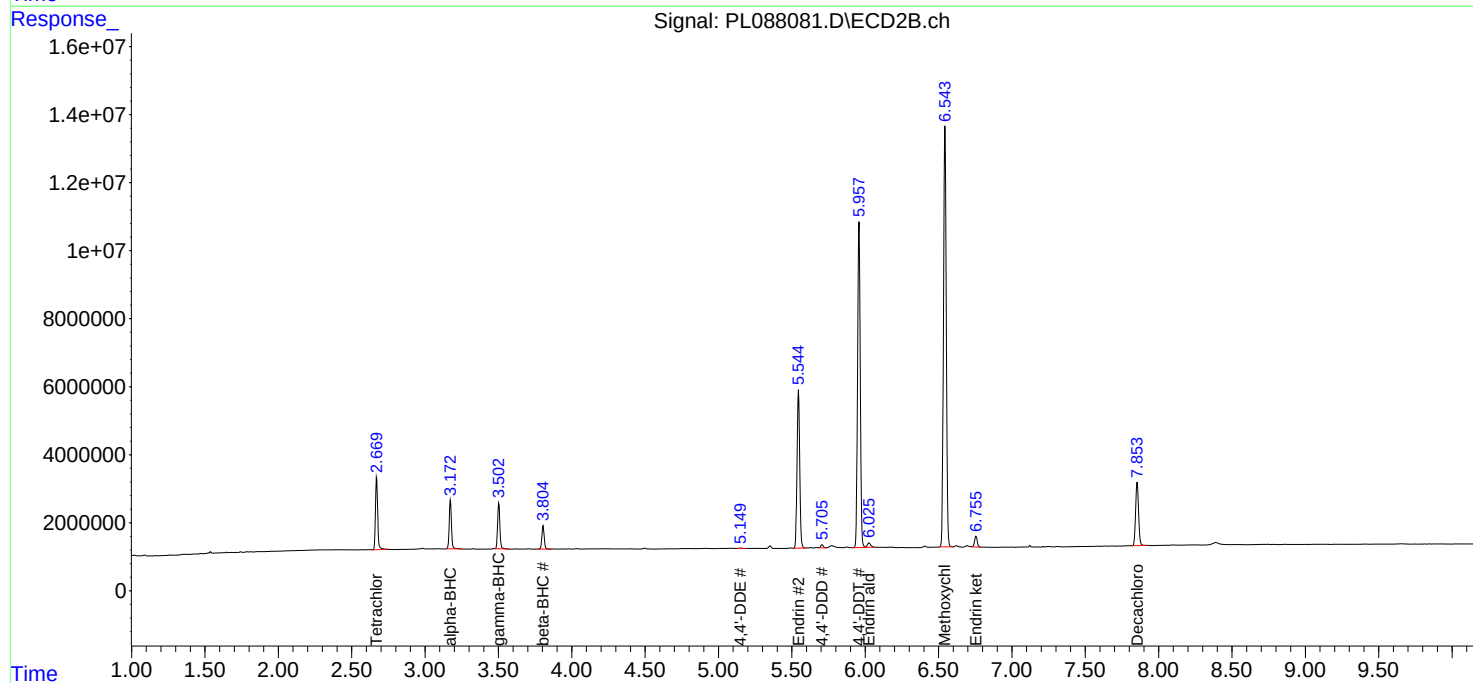
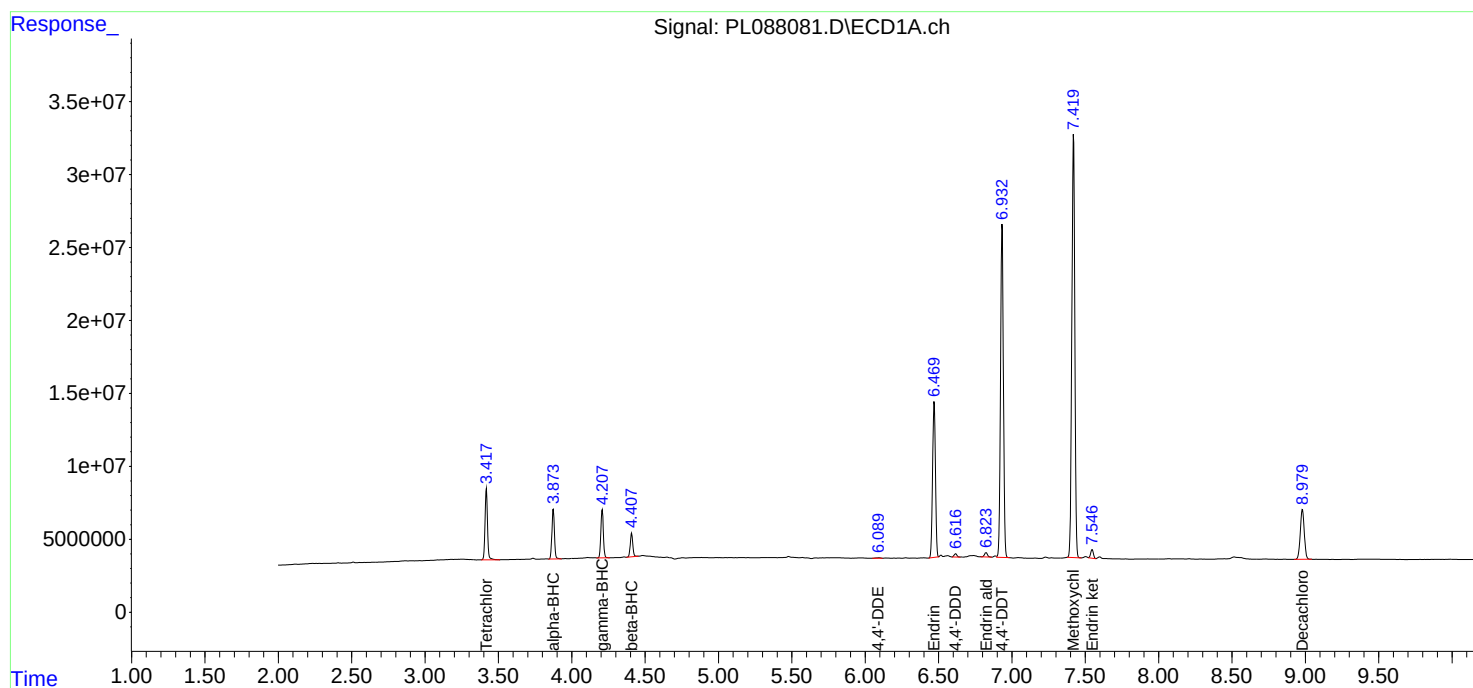
Instrument :
ECD_L
ClientSampleId :
PEM

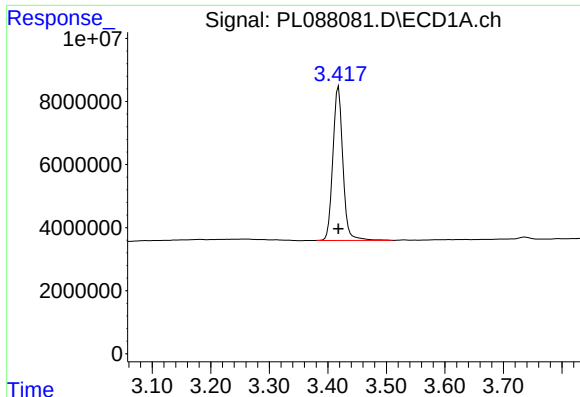
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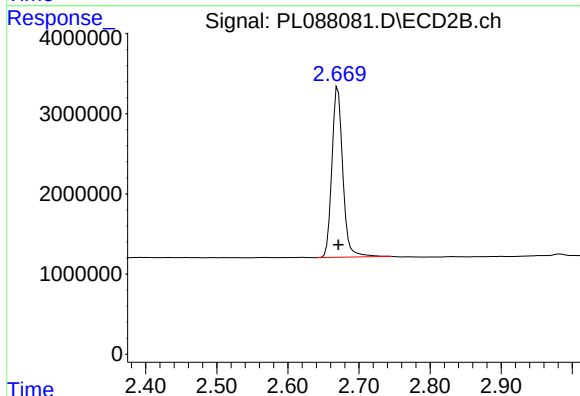
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 58076920
Conc: 20.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

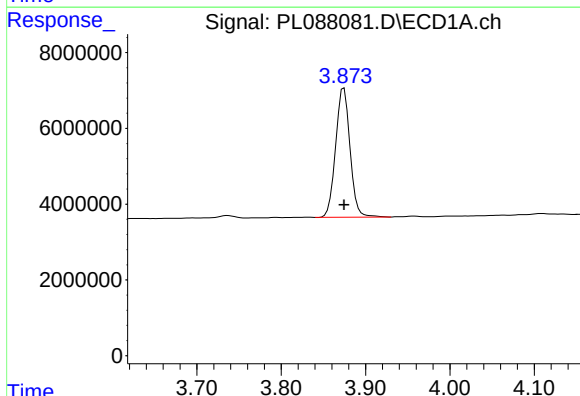
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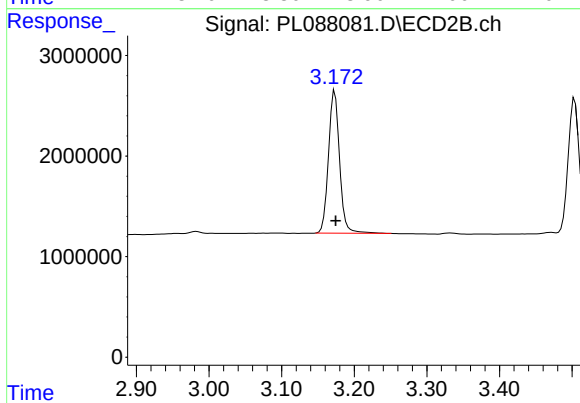
#1 Tetrachloro-m-xylene

R.T.: 2.670 min
Delta R.T.: 0.000 min
Response: 22597997
Conc: 18.21 ng/ml



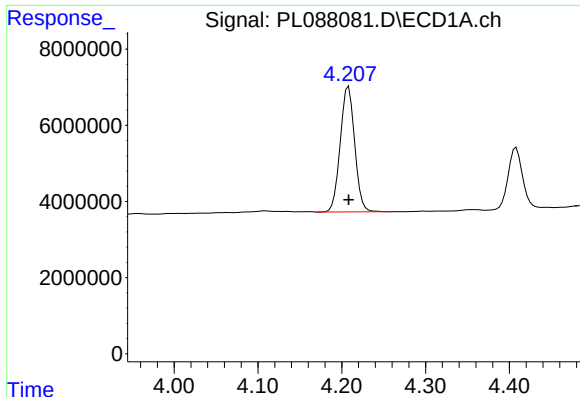
#2 alpha-BHC

R.T.: 3.874 min
Delta R.T.: 0.000 min
Response: 40466843
Conc: 9.30 ng/ml



#2 alpha-BHC

R.T.: 3.173 min
Delta R.T.: -0.001 min
Response: 15141421
Conc: 8.23 ng/ml



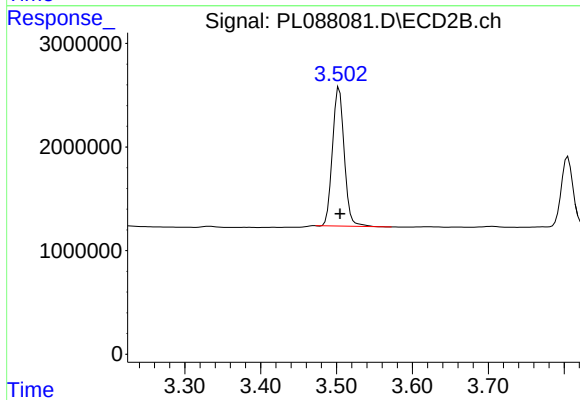
#3 gamma-BHC (Lindane)

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 39402630
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

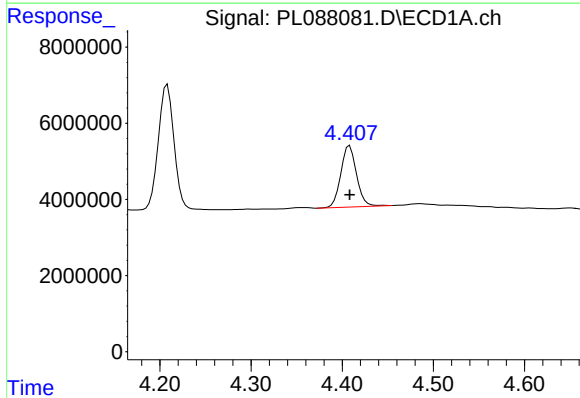
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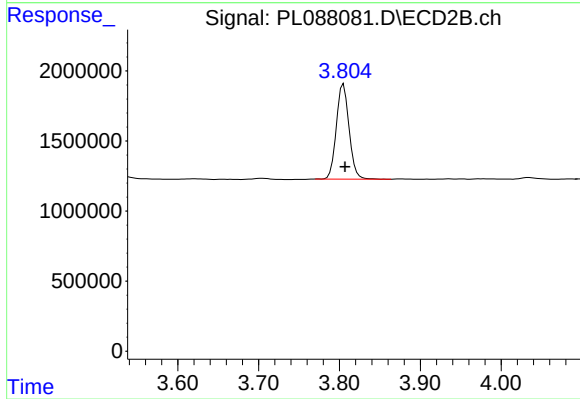
#3 gamma-BHC (Lindane)

R.T.: 3.503 min
Delta R.T.: -0.001 min
Response: 14453268
Conc: 8.01 ng/ml



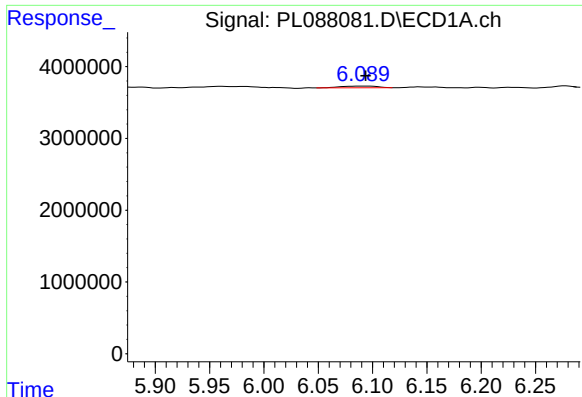
#6 beta-BHC

R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 19301540
Conc: 10.45 ng/ml



#6 beta-BHC

R.T.: 3.805 min
Delta R.T.: -0.002 min
Response: 7417650
Conc: 9.80 ng/ml



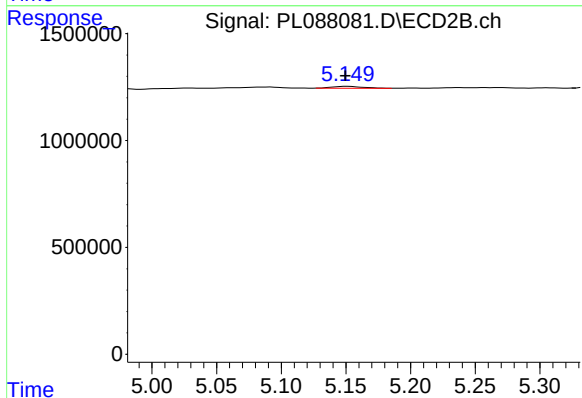
#12 4,4'-DDE

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 565005
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

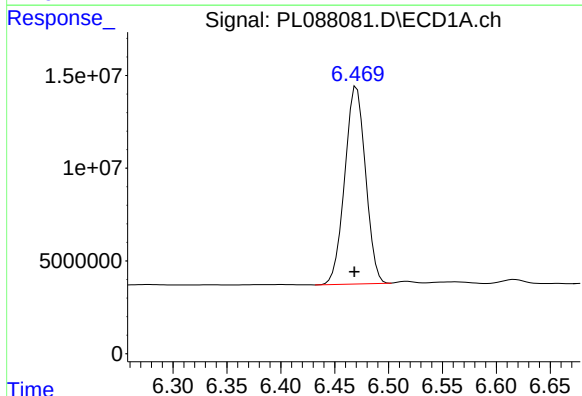
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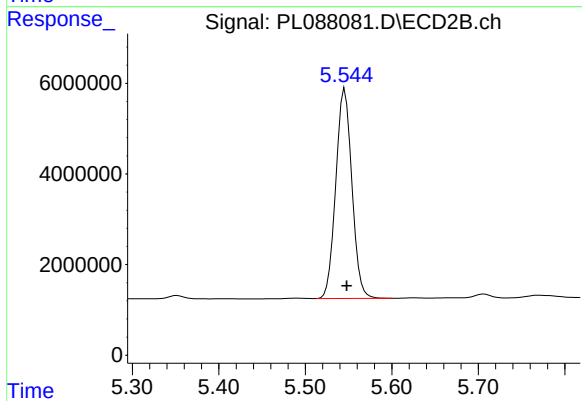
#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 147782
Conc: 0.12 ng/ml m



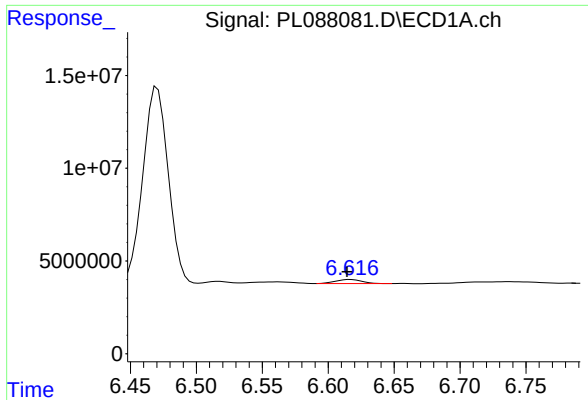
#14 Endrin

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 142661547
Conc: 47.23 ng/ml



#14 Endrin

R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 59617459
Conc: 44.02 ng/ml



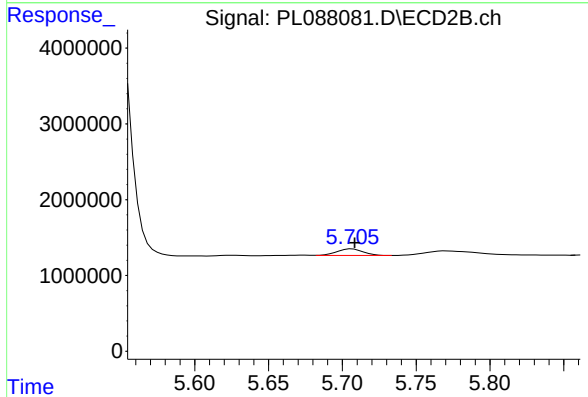
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 3004629
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

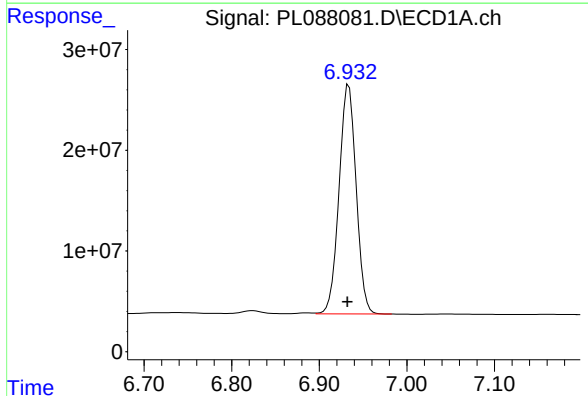
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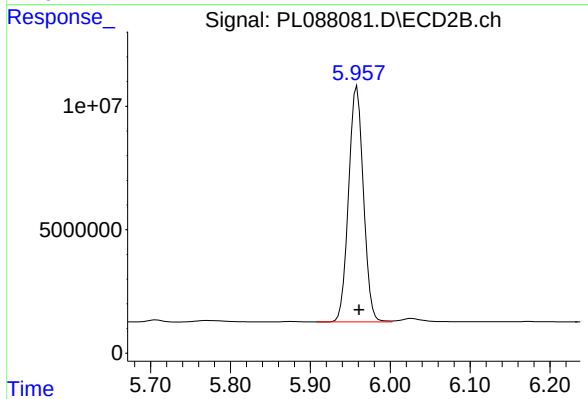
#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 1068665
Conc: 1.02 ng/ml



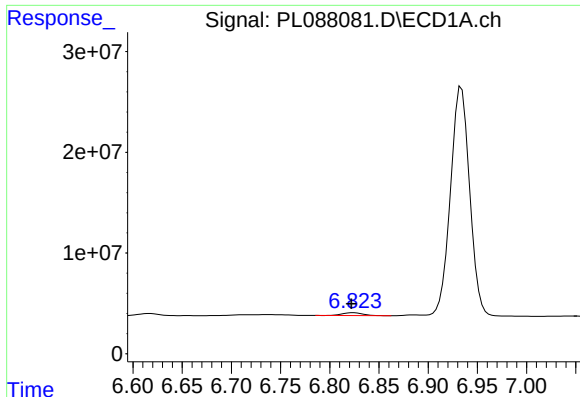
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: 0.002 min
Response: 308746567
Conc: 112.80 ng/ml



#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 123148734
Conc: 103.78 ng/ml



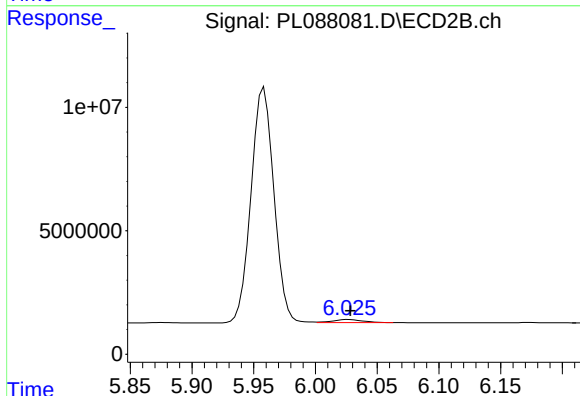
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.002 min
Response: 4165126
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

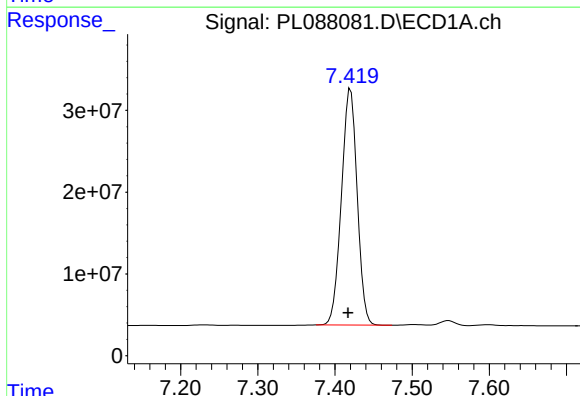
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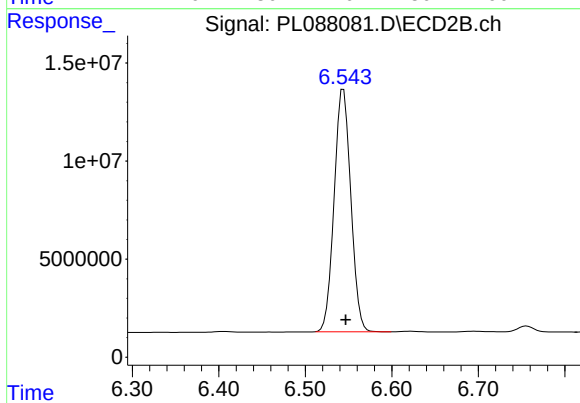
#18 Endrin aldehyde

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 2085155
Conc: 2.07 ng/ml m



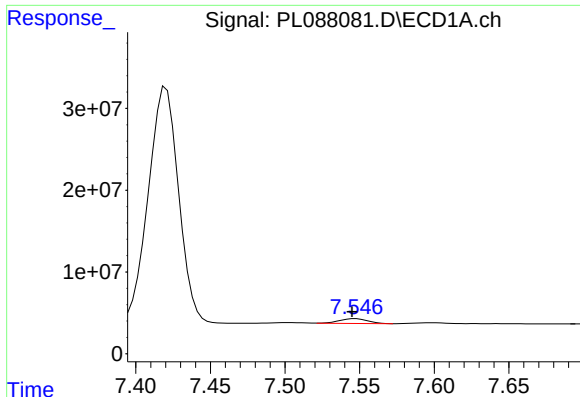
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.003 min
Response: 409099404
Conc: 263.28 ng/ml



#20 Methoxychlor

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 165146844
Conc: 232.68 ng/ml



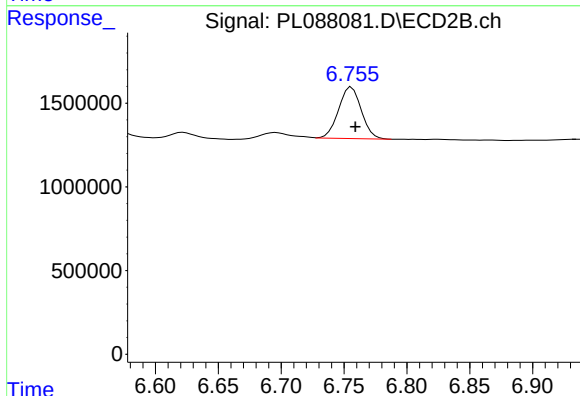
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.001 min
Response: 7741271
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

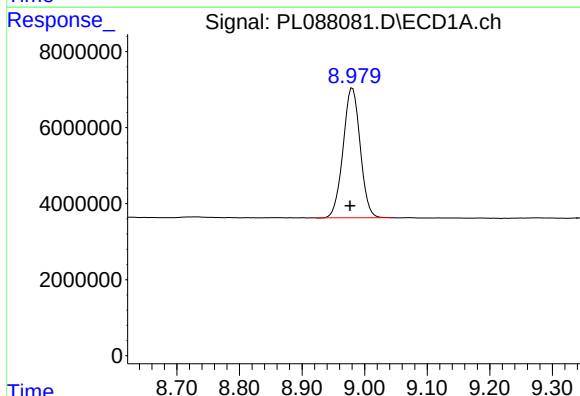
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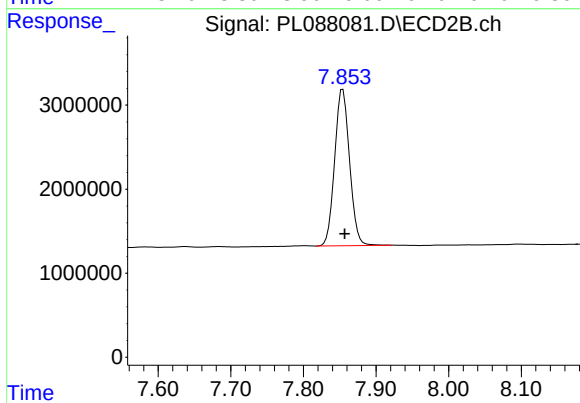
#21 Endrin ketone

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 3877928
Conc: 2.61 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: 0.004 min
Response: 65043235
Conc: 24.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.854 min
Delta R.T.: -0.003 min
Response: 26516684
Conc: 21.80 ng/ml