

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010324\
 Data File : PL087609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jan 2024 09:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/04/2024
 Supervised By :Ankita Jodhani 01/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 03 21:34:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.421	2.675	61023361	24759322	20.384	20.439
28)	SA Decachlor...	8.984	7.864	60485217	26743923	21.238	21.111
Target Compounds							
2)	A alpha-BHC	3.877	3.179	41682170	16337739	9.290	8.864
3)	MA gamma-BHC...	4.211	3.509	40610157	15632316	9.311	8.602
6)	B beta-BHC	4.411	3.811	20235048	8134836	10.876	10.636
12)	B 4,4'-DDE	6.097	5.154	550558	198802	0.172	0.148m
14)	MA Endrin	6.473	5.554	133.8E6	62772300	42.605	44.269
16)	A 4,4'-DDD	6.618	5.714	5301494	2080119	2.056	1.845
17)	MA 4,4'-DDT	6.936	5.967	285.0E6	129.7E6	99.651	104.218
18)	B Endrin al...	6.826	6.034	4827963	3163992	1.919	2.722m#
20)	A Methoxychlor	7.421	6.553	368.4E6	166.6E6	226.936	226.267
21)	B Endrin ke...	7.548	6.764	10427505	4997156	3.206	3.260

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

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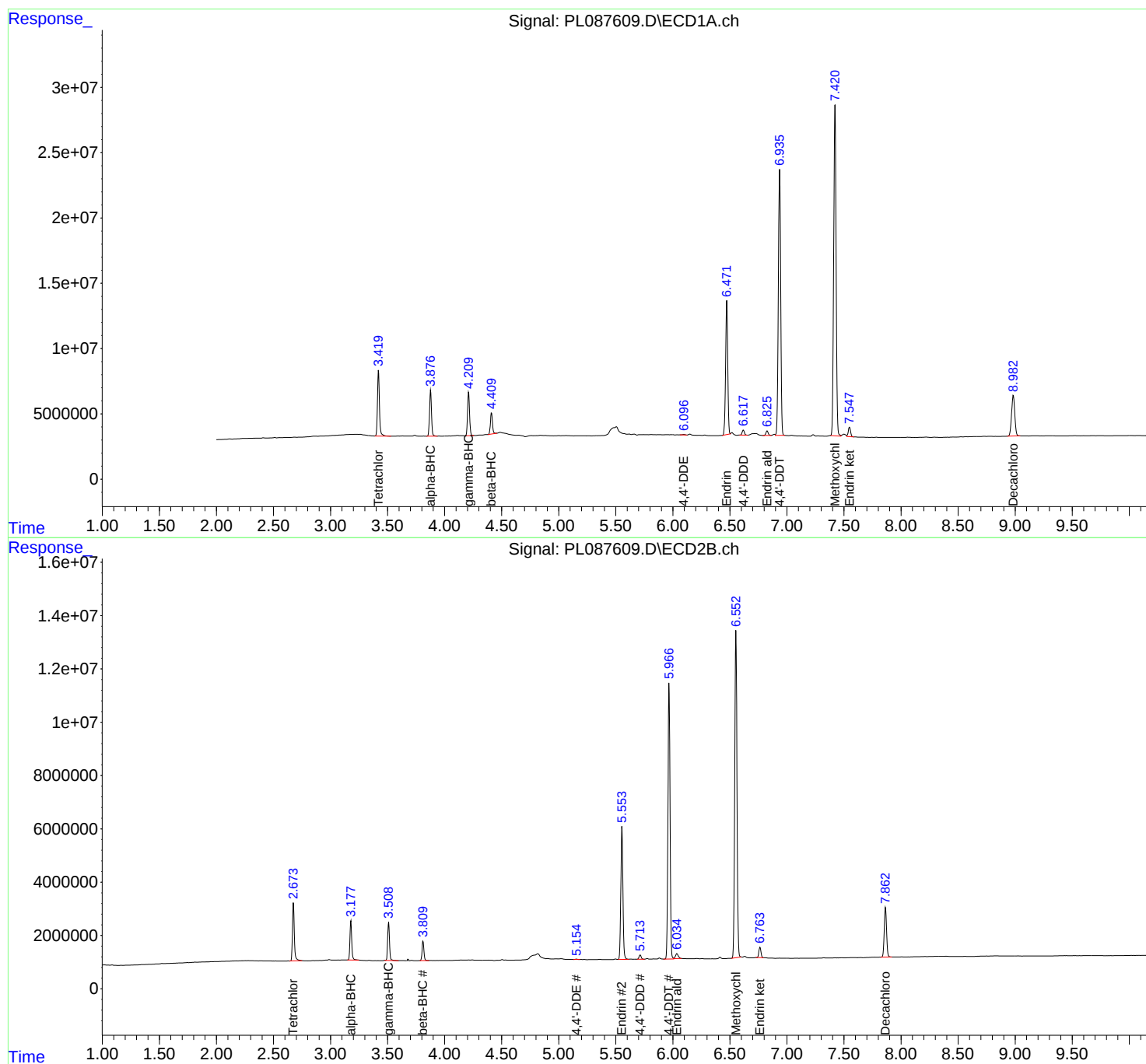
Instrument :
ECD_L
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PEM

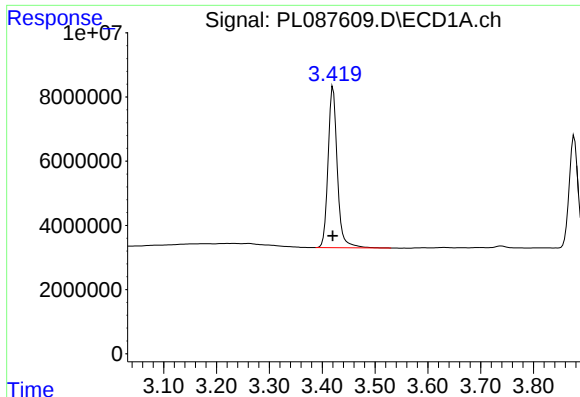
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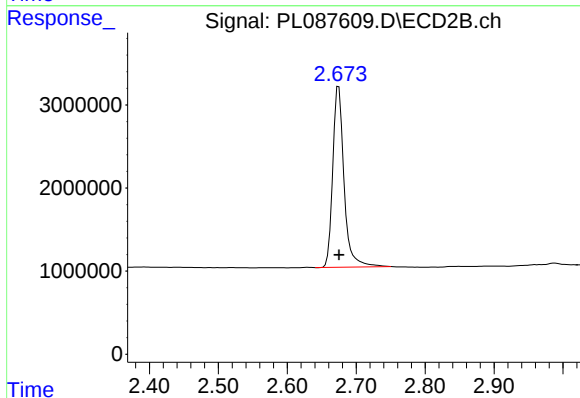
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 61023361
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

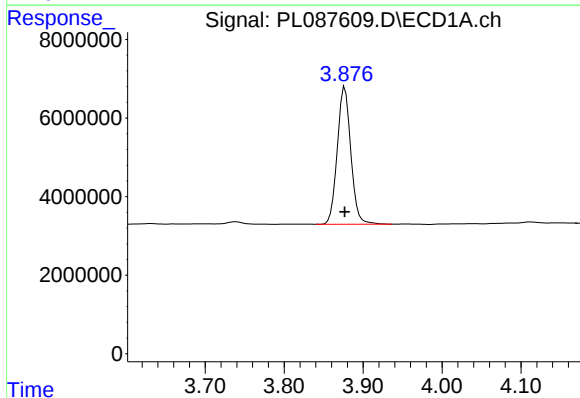
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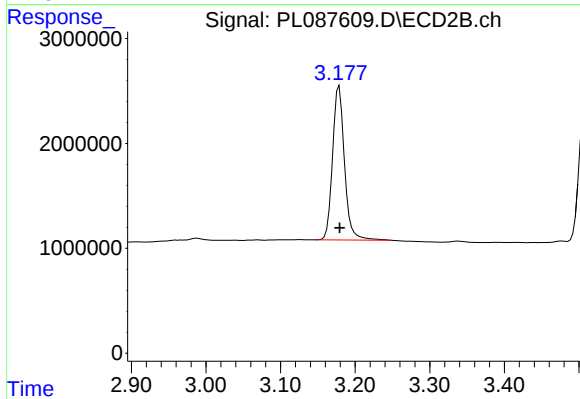
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 24759322
Conc: 20.44 ng/ml



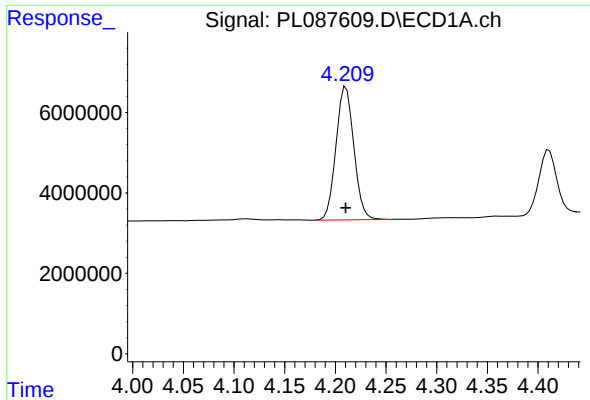
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 41682170
Conc: 9.29 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 16337739
Conc: 8.86 ng/ml



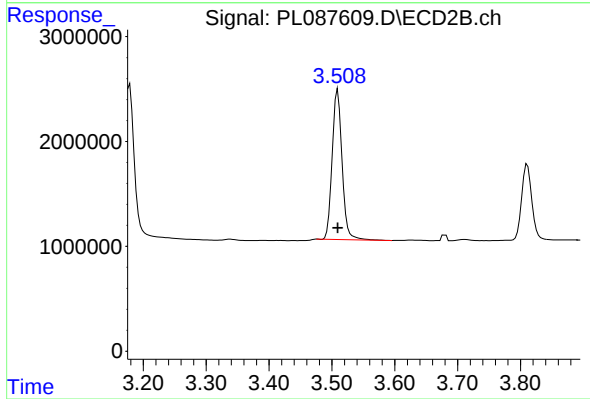
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 40610157
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

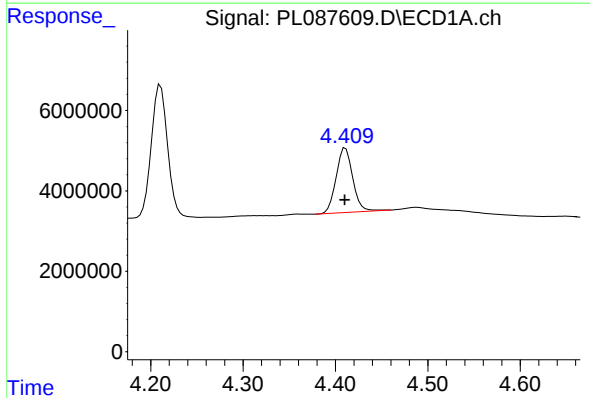
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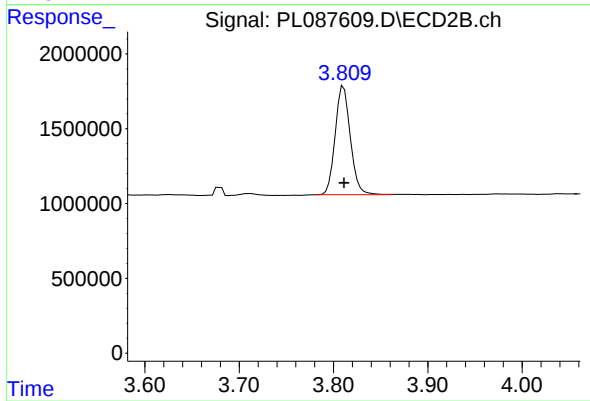
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 15632316
Conc: 8.60 ng/ml



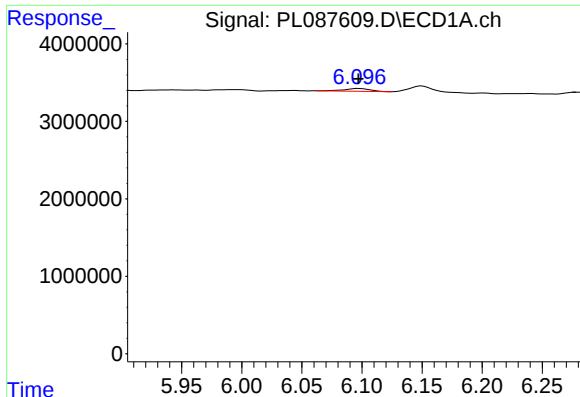
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 20235048
Conc: 10.88 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 8134836
Conc: 10.64 ng/ml



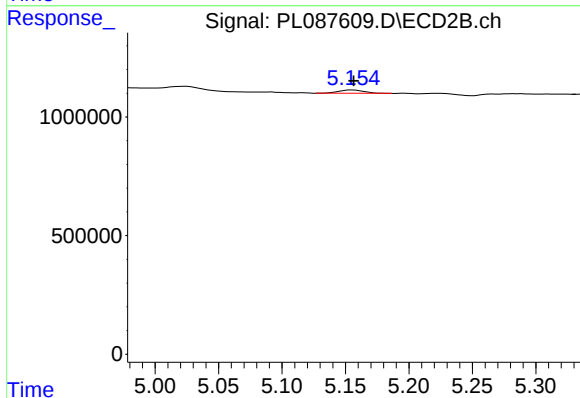
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 550558
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#12 4,4'-DDE

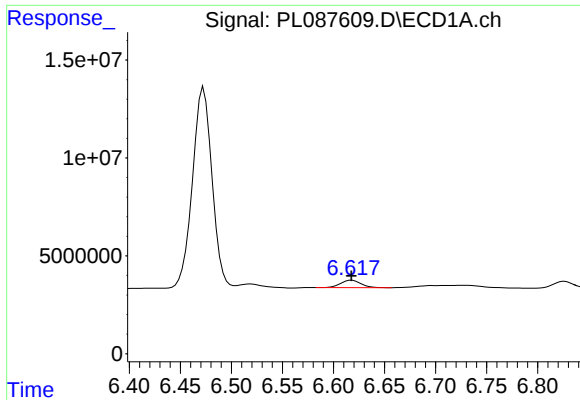
R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 198802
Conc: 0.15 ng/ml m

#14 Endrin

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 133817868
Conc: 42.60 ng/ml

#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 62772300
Conc: 44.27 ng/ml



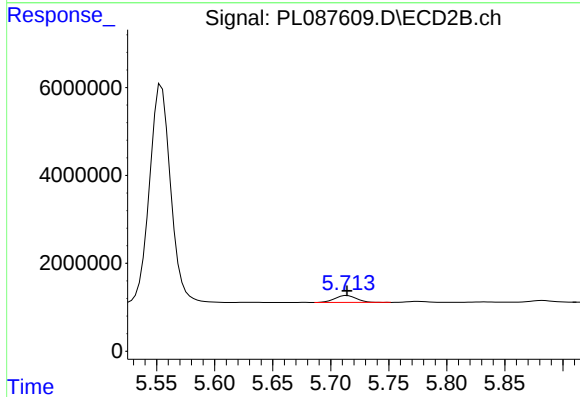
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 5301494
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

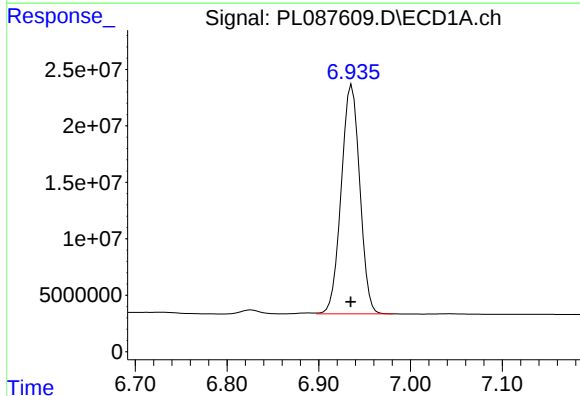
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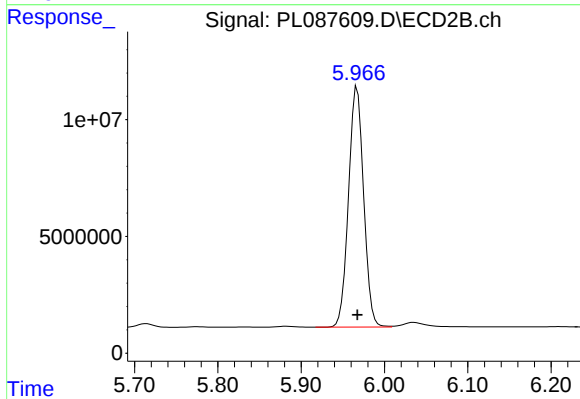
#16 4,4'-DDD

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 2080119
Conc: 1.84 ng/ml



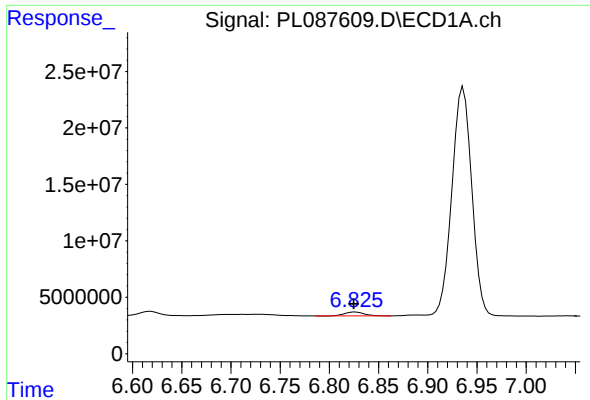
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: 0.001 min
Response: 284957714
Conc: 99.65 ng/ml



#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 129707195
Conc: 104.22 ng/ml



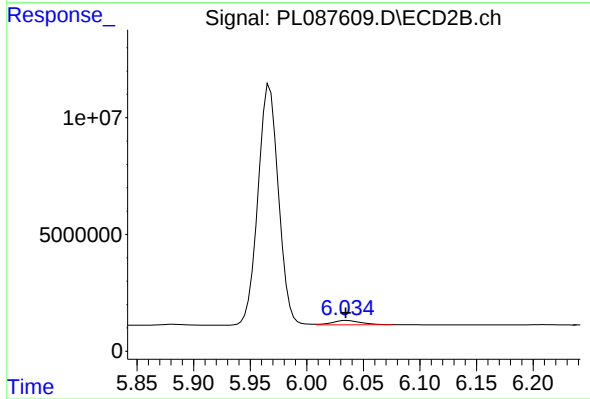
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.001 min
Response: 4827963
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

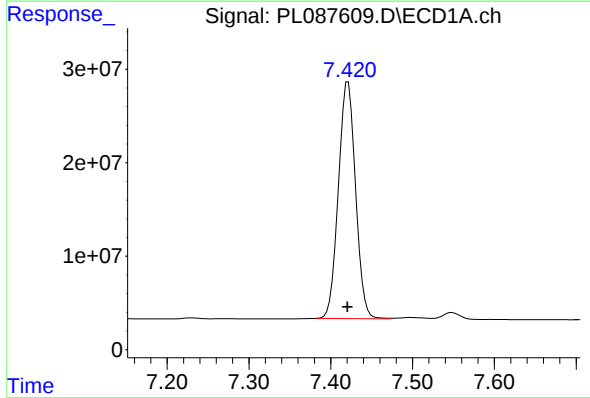
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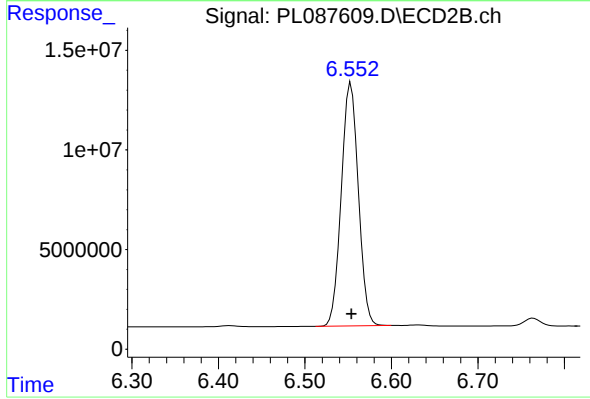
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 3163992
Conc: 2.72 ng/ml m



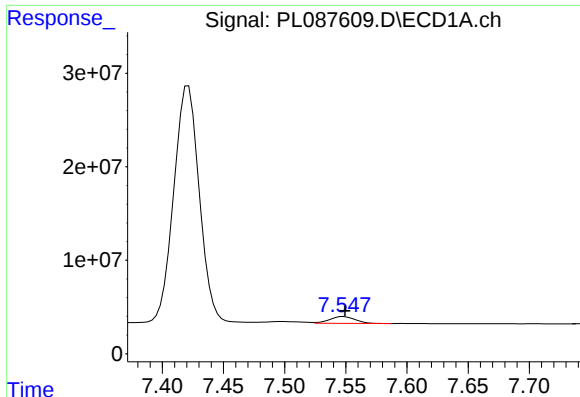
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 368449459
Conc: 226.94 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 166550805
Conc: 226.27 ng/ml



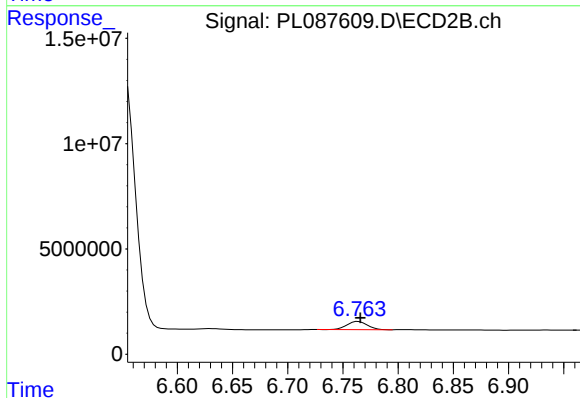
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 10427505
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

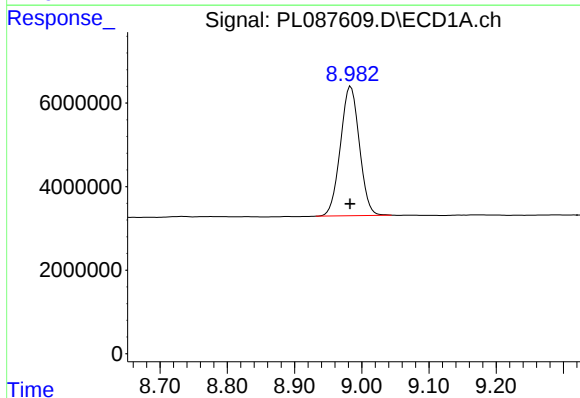
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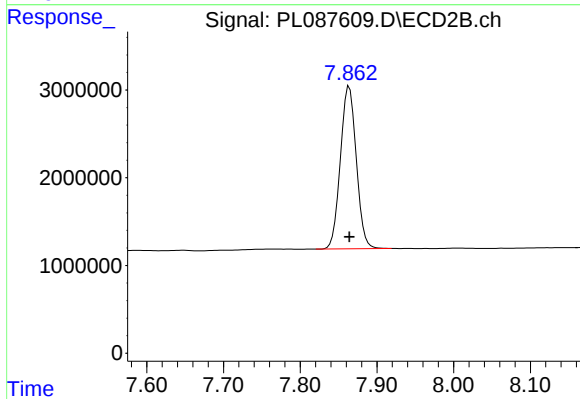
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 4997156
Conc: 3.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: 0.001 min
Response: 60485217
Conc: 21.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 26743923
Conc: 21.11 ng/ml