

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062024\
 Data File : PL090254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2024 14:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/21/2024
 Supervised By : Ankita Jodhani 06/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:23:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.548	2.792	46605600	30919209	22.259	21.564
28)	SA Decachlor...	9.057	7.936	31681136	31332624	21.546	21.085
Target Compounds							
2)	A alpha-BHC	4.003	3.296	33356232	20503352	11.188	9.592
3)	MA gamma-BHC...	4.336	3.627	32091856	19643294	11.042	9.392
6)	B beta-BHC	4.531	3.924	15315390	10190625	11.725	11.140
12)	B 4,4'-DDE	6.199	5.255	1309687	667566	0.602	0.400m#
14)	MA Endrin	6.579	5.661	94546169	78116831	47.027m	47.691
16)	A 4,4'-DDD	6.718	5.810	1241357	491714	0.709	0.349 #
17)	MA 4,4'-DDT	7.029	6.059	172.9E6	159.5E6	93.899	105.039
18)	B Endrin al...	6.929	6.134	2526167	2369234	1.630	1.952
20)	A Methoxychlor	7.504	6.633	218.3E6	207.3E6	222.295	233.045
21)	B Endrin ke...	7.647	6.861	4611876	3346510	2.190	1.836

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

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Acq On : 20 Jun 2024 14:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

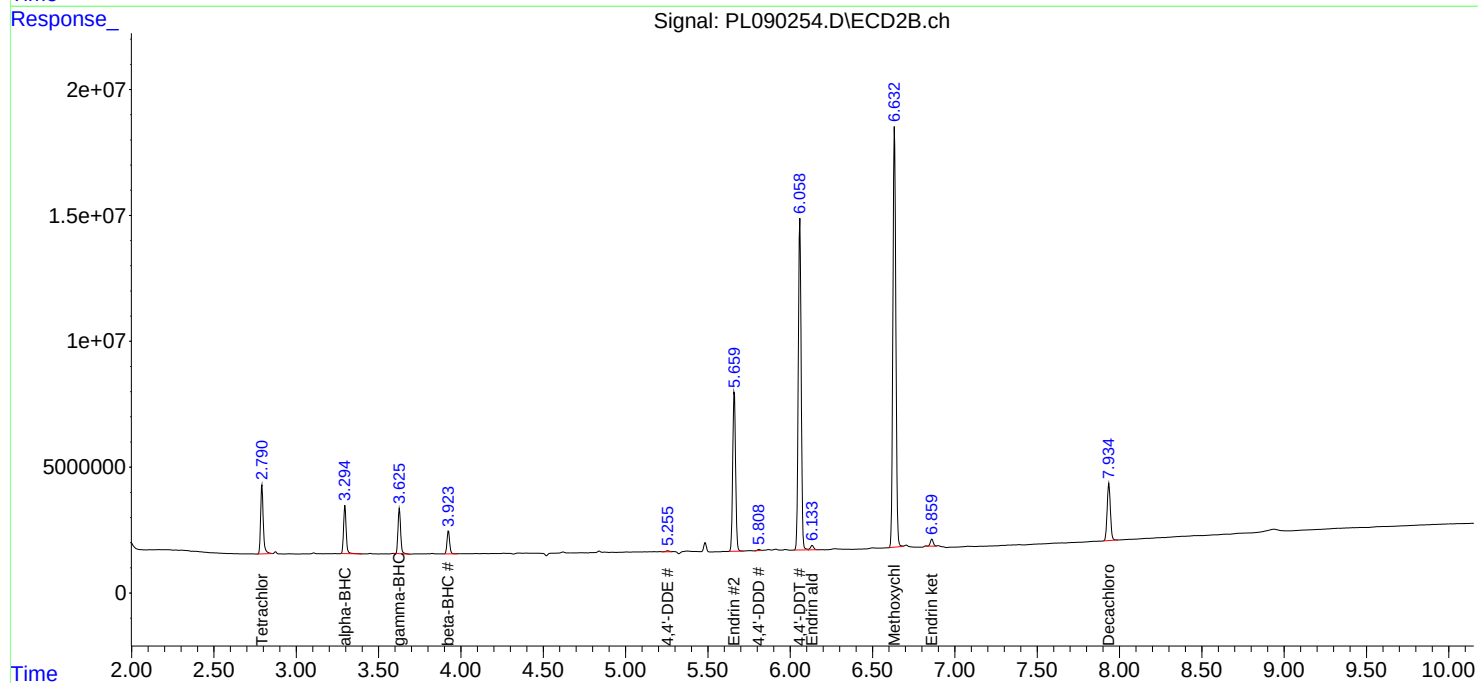
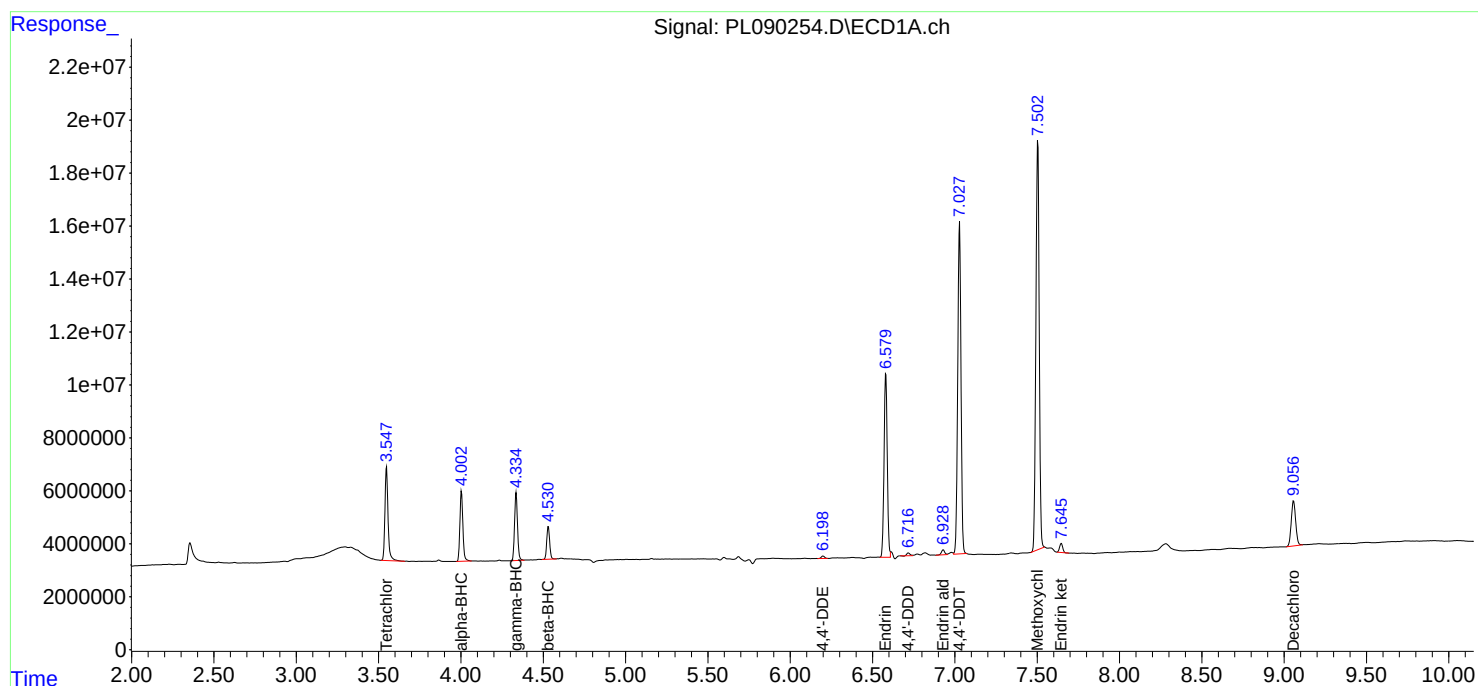
Instrument :
ECD_L
ClientSampleId :
PEM

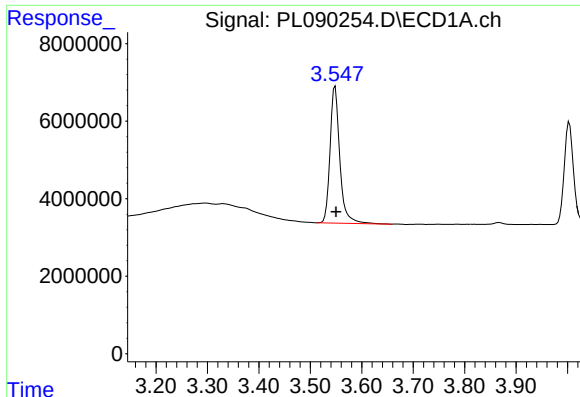
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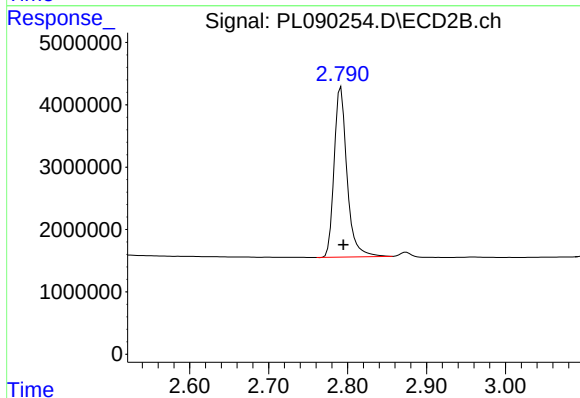
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 46605600
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

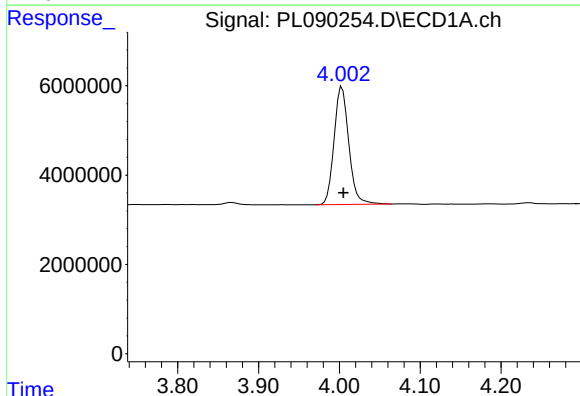
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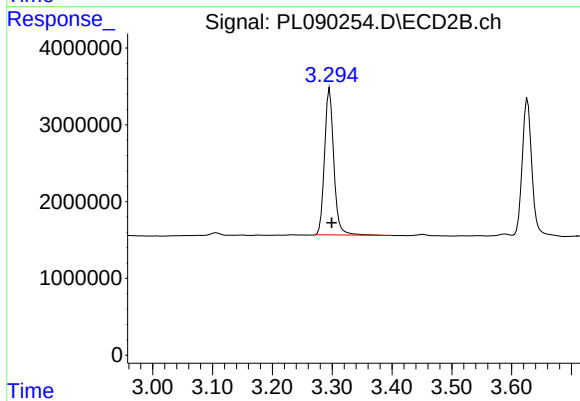
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: -0.003 min
Response: 30919209
Conc: 21.56 ng/ml



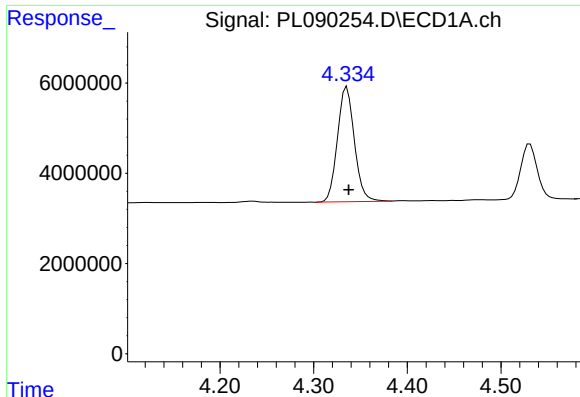
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 33356232
Conc: 11.19 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 20503352
Conc: 9.59 ng/ml



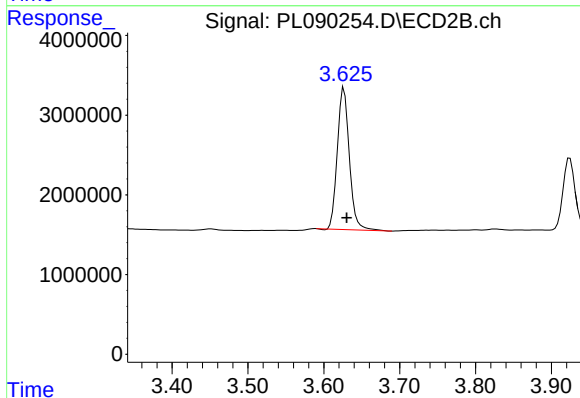
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 32091856
Conc: 11.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

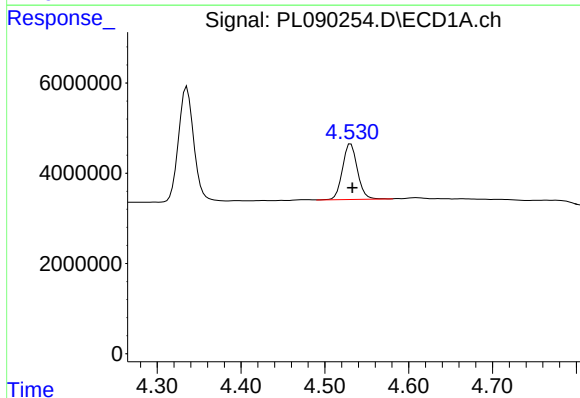
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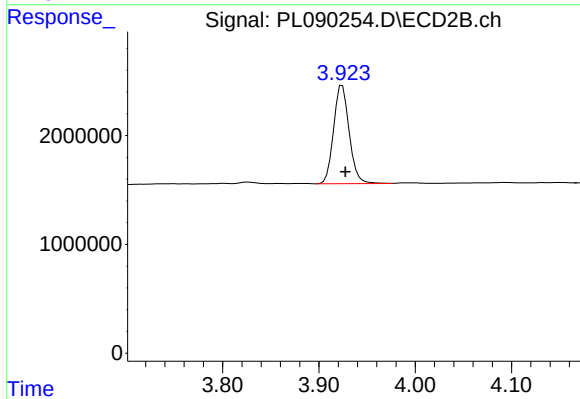
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 19643294
Conc: 9.39 ng/ml



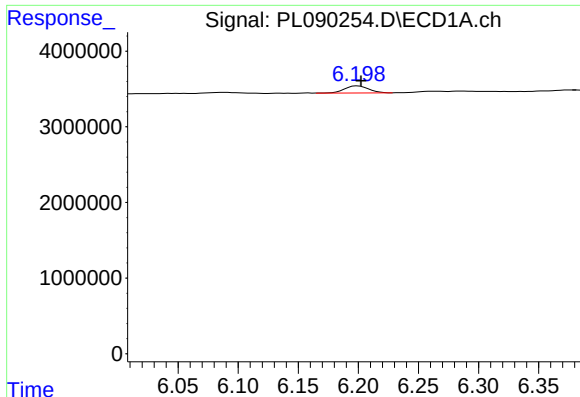
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 15315390
Conc: 11.73 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 10190625
Conc: 11.14 ng/ml



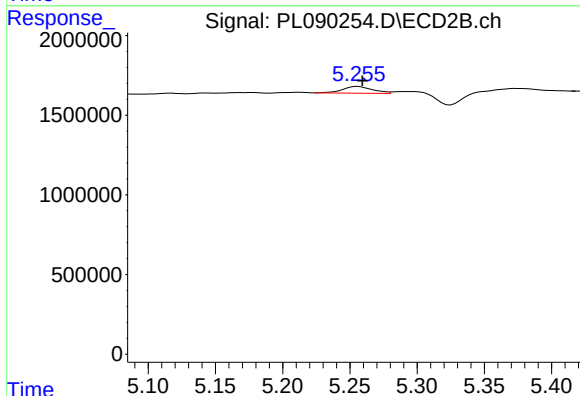
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 1309687
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

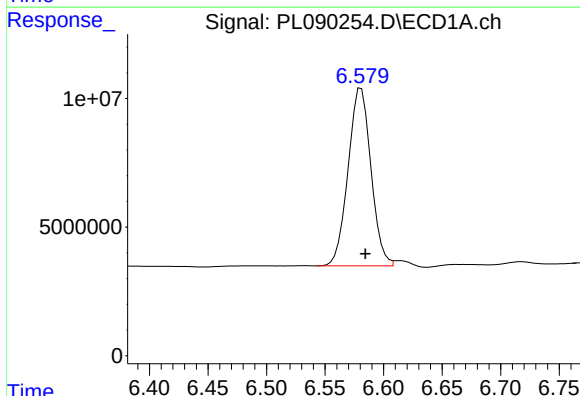
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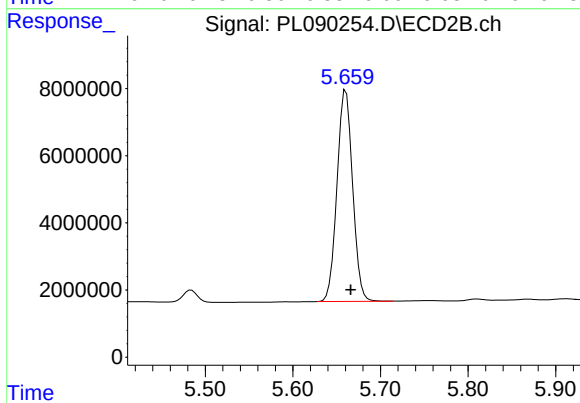
#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: -0.005 min
Response: 667566
Conc: 0.40 ng/ml m



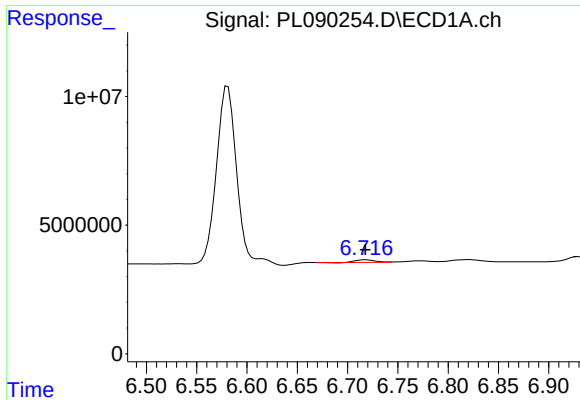
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.005 min
Response: 94546169
Conc: 47.03 ng/ml m



#14 Endrin

R.T.: 5.661 min
Delta R.T.: -0.006 min
Response: 78116831
Conc: 47.69 ng/ml



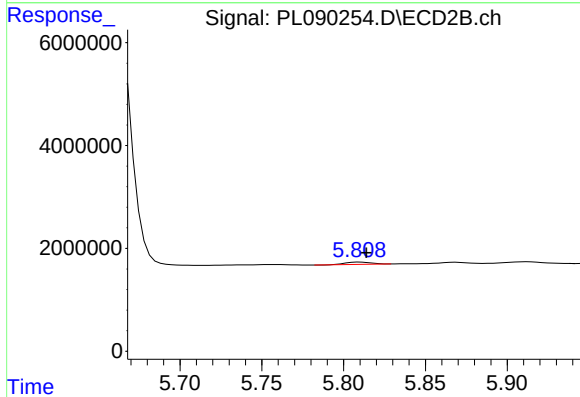
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 1241357
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

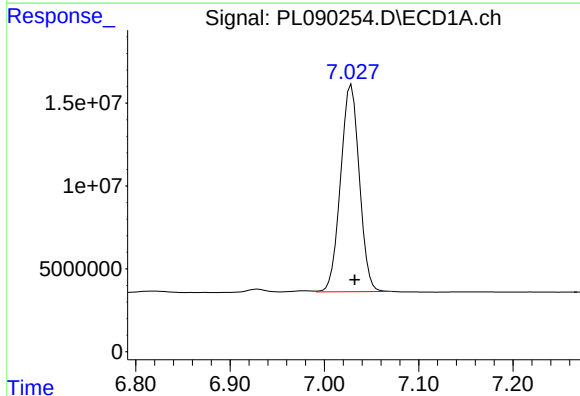
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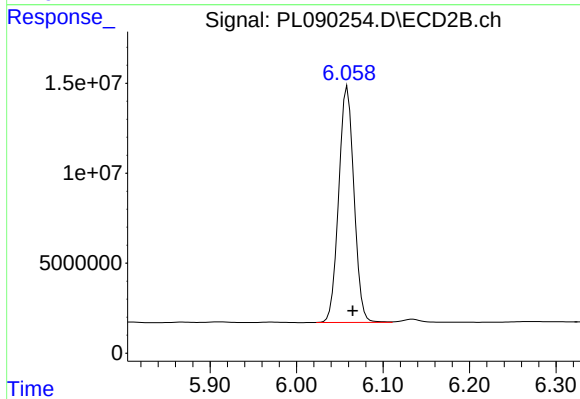
#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: -0.004 min
Response: 491714
Conc: 0.35 ng/ml



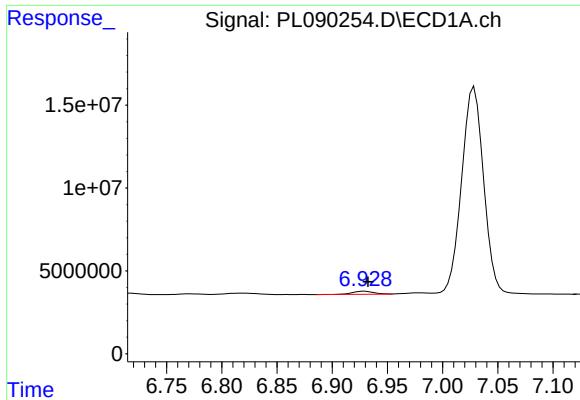
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 172875730
Conc: 93.90 ng/ml



#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: -0.006 min
Response: 159511553
Conc: 105.04 ng/ml



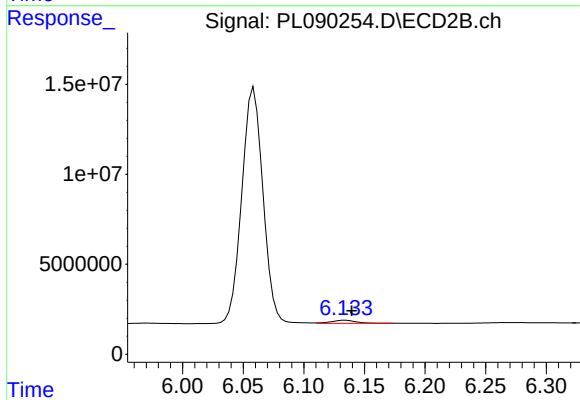
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 2526167
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

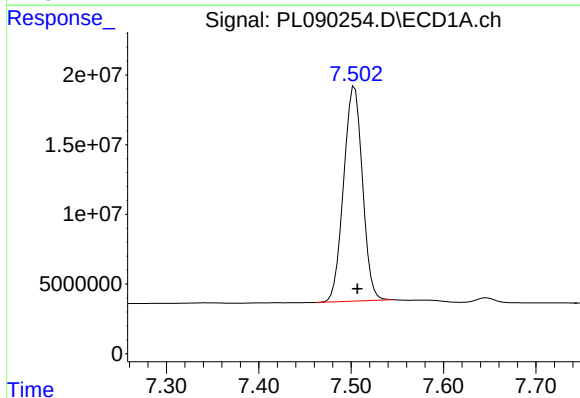
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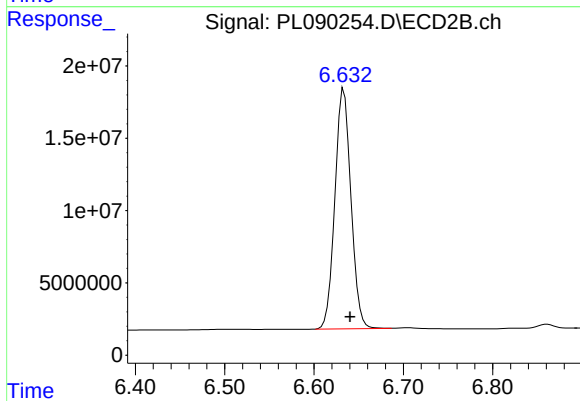
#18 Endrin aldehyde

R.T.: 6.134 min
Delta R.T.: -0.005 min
Response: 2369234
Conc: 1.95 ng/ml



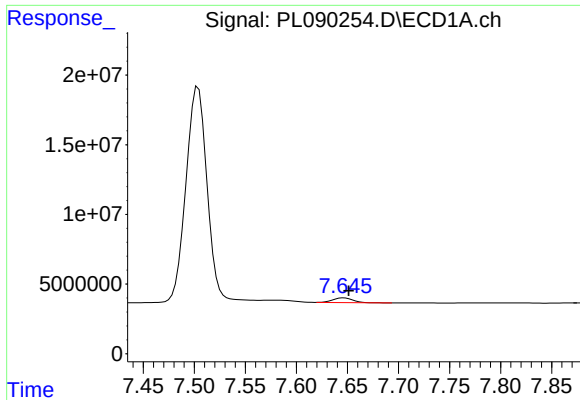
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.003 min
Response: 218332634
Conc: 222.29 ng/ml



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: -0.007 min
Response: 207312336
Conc: 233.05 ng/ml



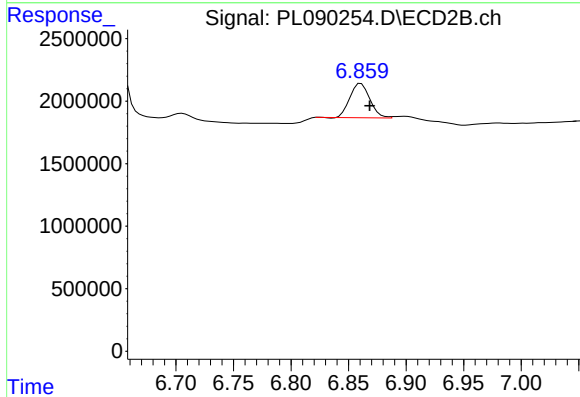
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 4611876
Conc: 2.19 ng/ml

Instrument :
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ClientSampleId :
PEM

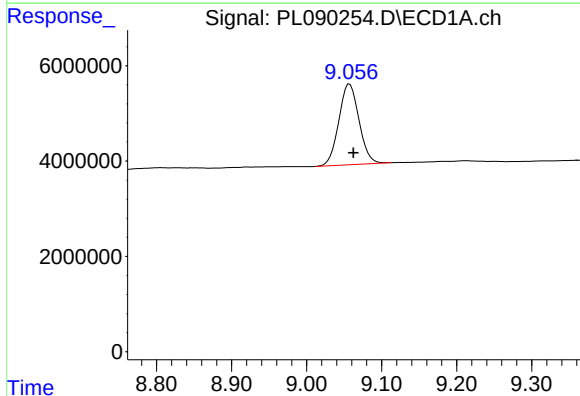
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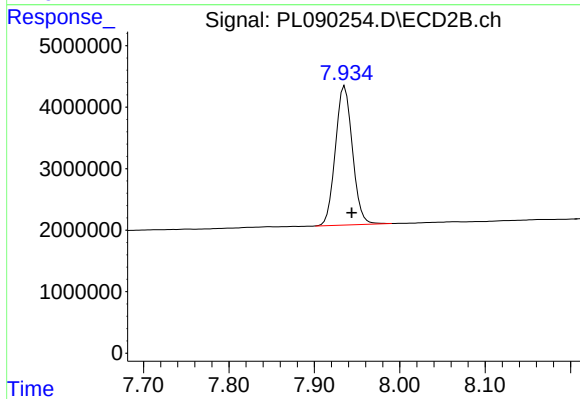
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.008 min
Response: 3346510
Conc: 1.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.005 min
Response: 31681136
Conc: 21.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: -0.008 min
Response: 31332624
Conc: 21.09 ng/ml