

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090592.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/22/2024
 Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:01:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.546	2.789	45727005	36914982	21.961m	21.934
28) SA Decachlor...	9.058	7.931	30807842	33488102	23.184	22.967
Target Compounds						
2) A alpha-BHC	4.002	3.292	33421153	25072575	11.263	10.377m
3) MA gamma-BHC...	4.334	3.623	31480120	24440239	11.241	10.599
6) B beta-BHC	4.530	3.920	14241723	12063508	11.227	11.687m
12) B 4,4'-DDE	6.198	5.249	599490	321052	0.296m	0.180m#
14) MA Endrin	6.579	5.654	91321118	92545528	49.673m	53.771m
16) A 4,4'-DDD	6.713	5.802	2518890	2179326	1.492m	1.455m
17) MA 4,4'-DDT	7.028	6.054	174.2E6	184.9E6	103.462	126.193
18) B Endrin al...	6.928	6.130	2571967	2615522	1.734	2.002
20) A Methoxychlor	7.503	6.627	226.1E6	229.2E6	256.135	283.525m
21) B Endrin ke...	7.647	6.855	5284618	6379146	2.768	3.491m#

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

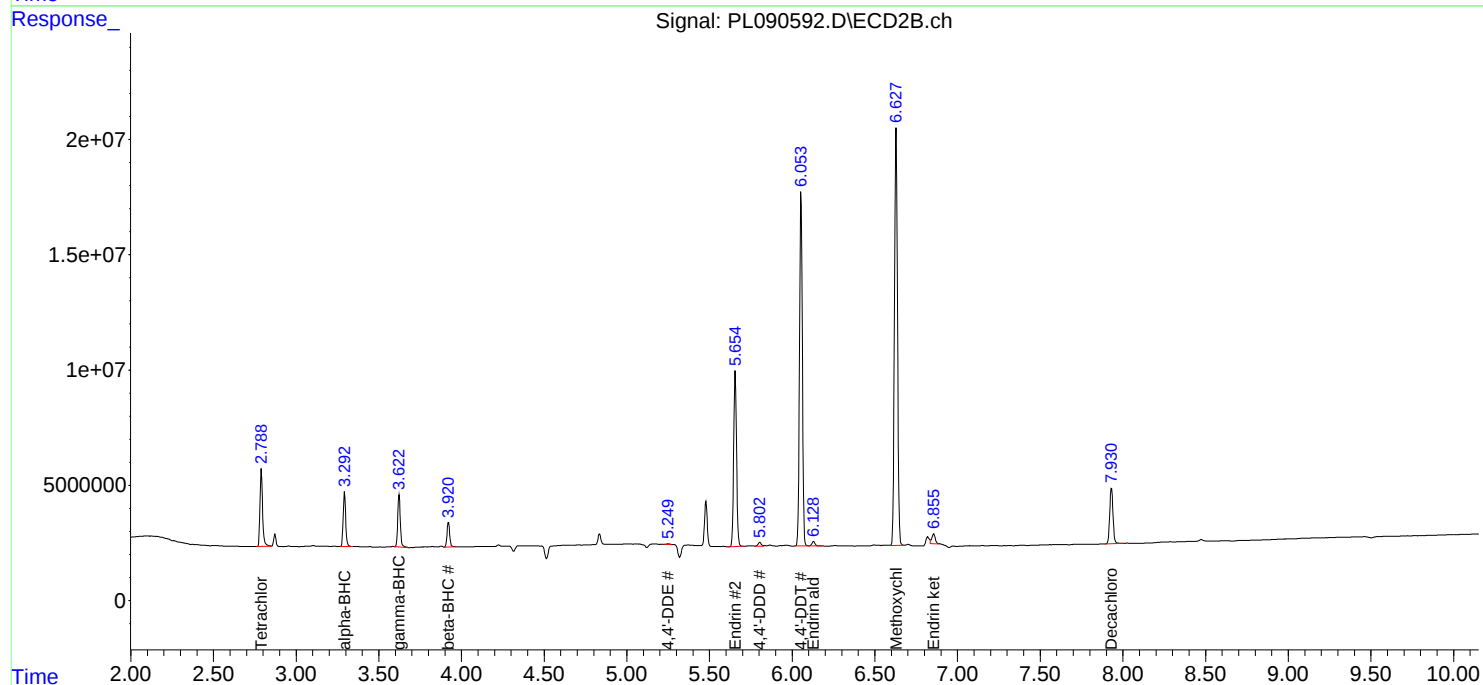
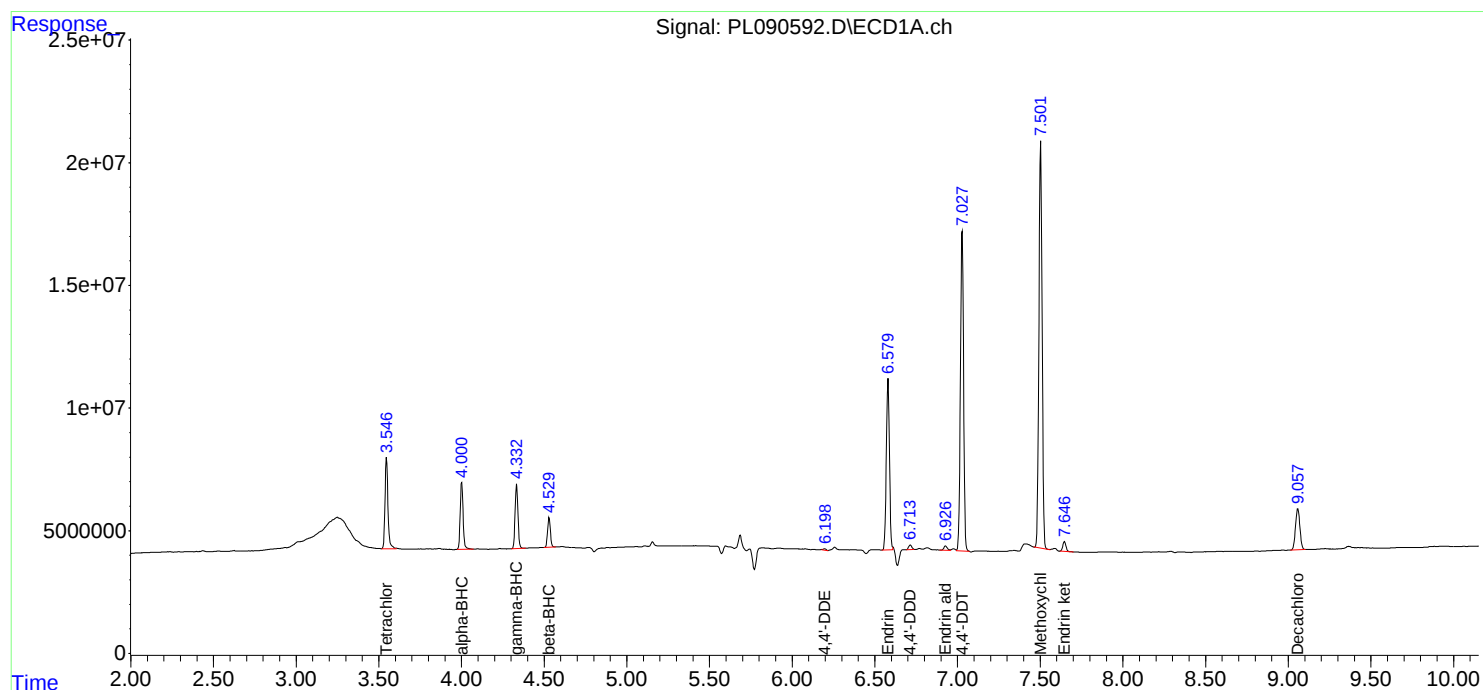
Instrument :
ECD_L
ClientSampleId :
PEM

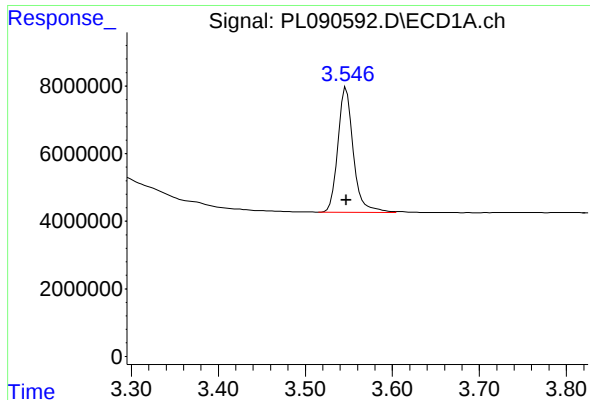
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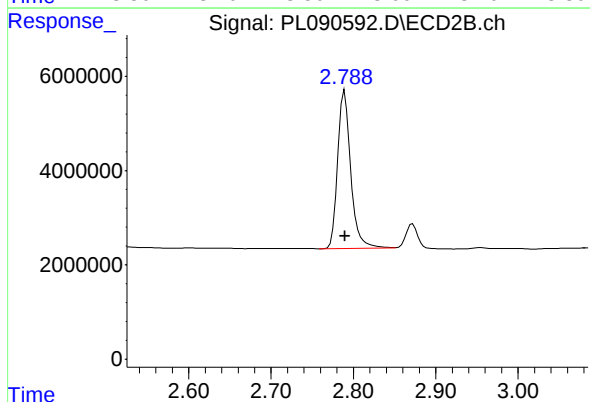
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 45727005
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

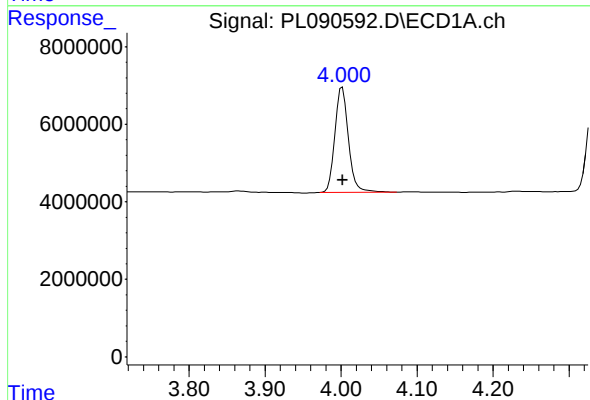
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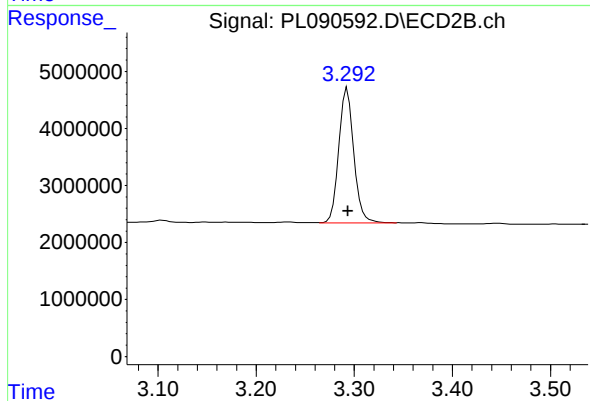
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 36914982
Conc: 21.93 ng/ml



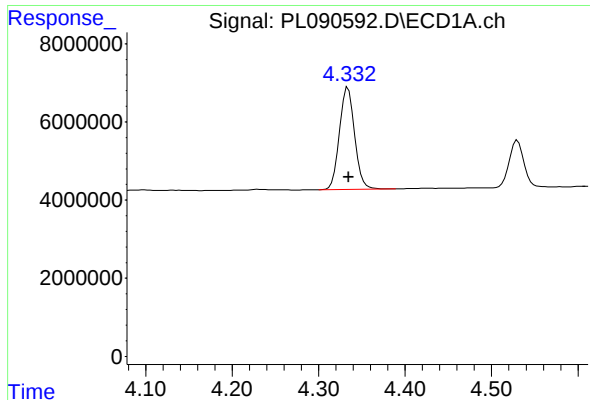
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 33421153
Conc: 11.26 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.002 min
Response: 25072575
Conc: 10.38 ng/ml m



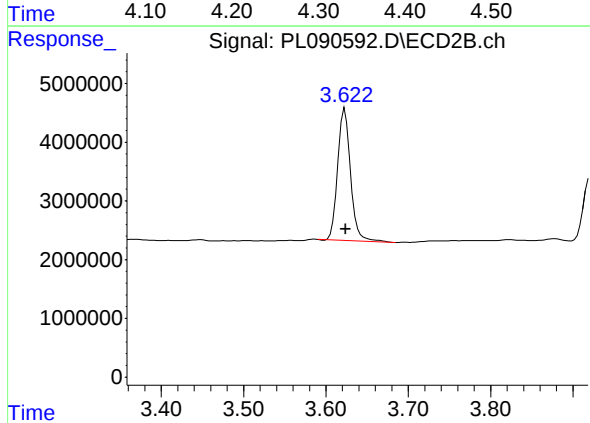
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 31480120
Conc: 11.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

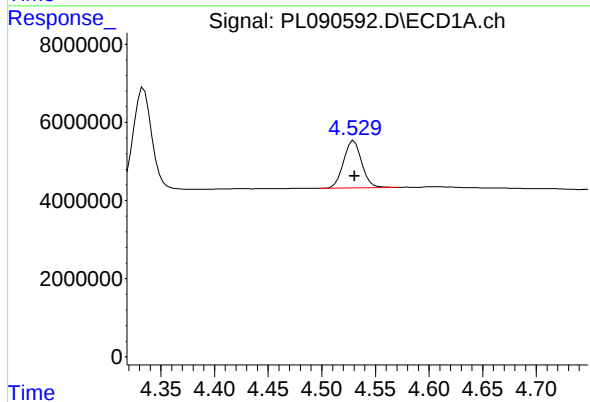
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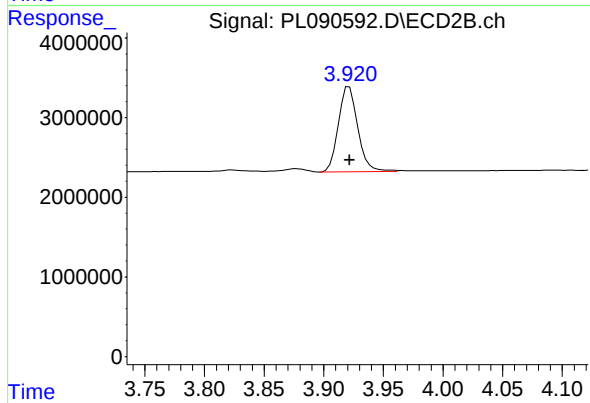
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 24440239
Conc: 10.60 ng/ml



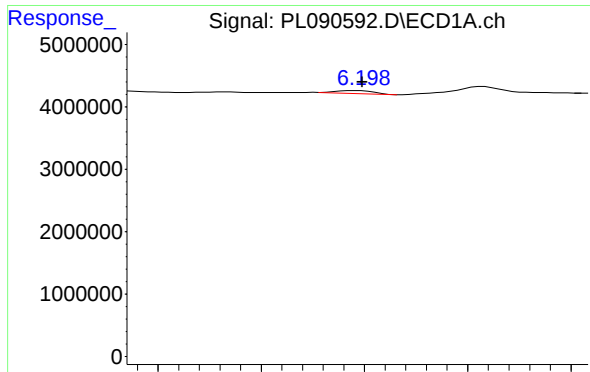
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 14241723
Conc: 11.23 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 12063508
Conc: 11.69 ng/ml m



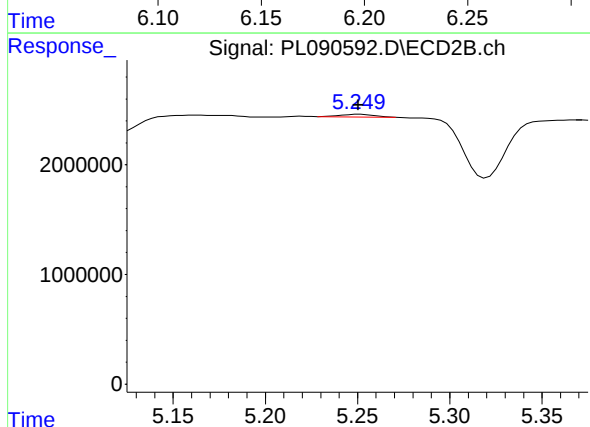
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 599490
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

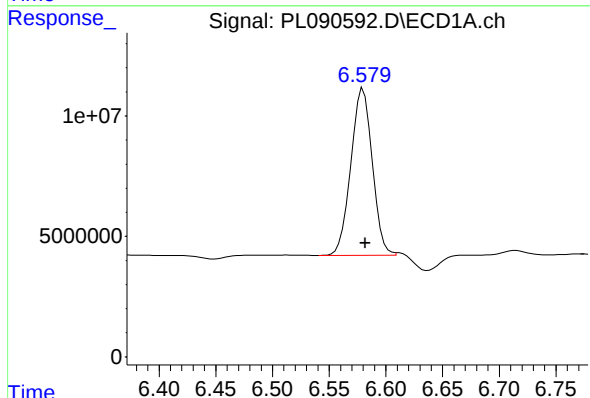
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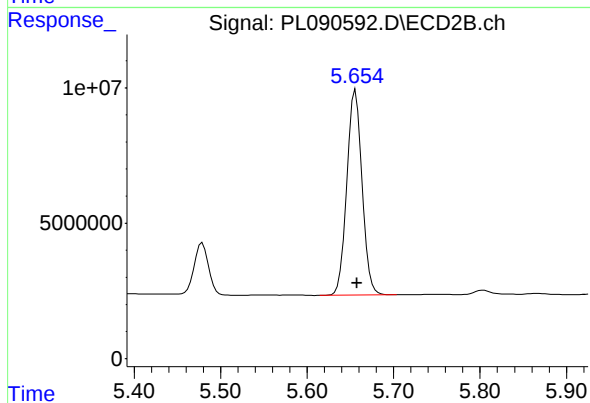
#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 321052
Conc: 0.18 ng/ml



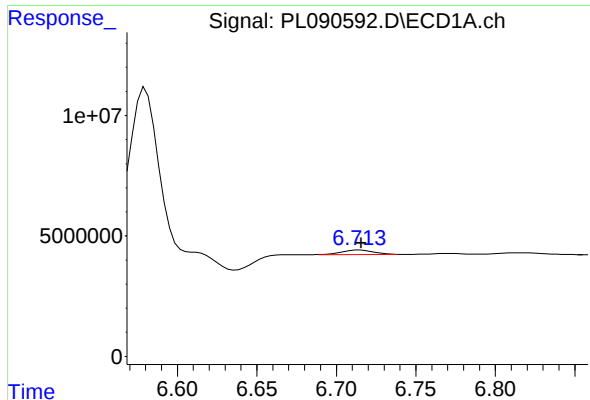
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 91321118
Conc: 49.67 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 92545528
Conc: 53.77 ng/ml



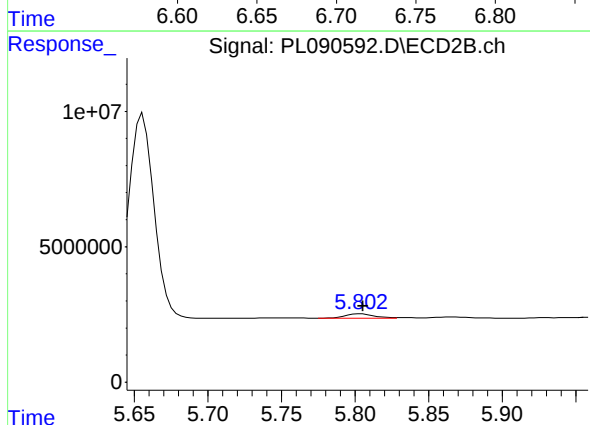
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 2518890
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

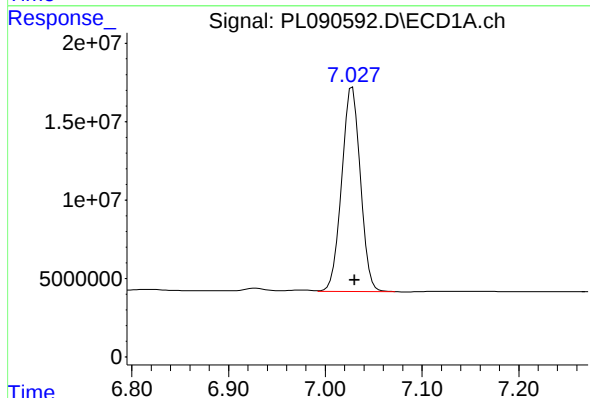
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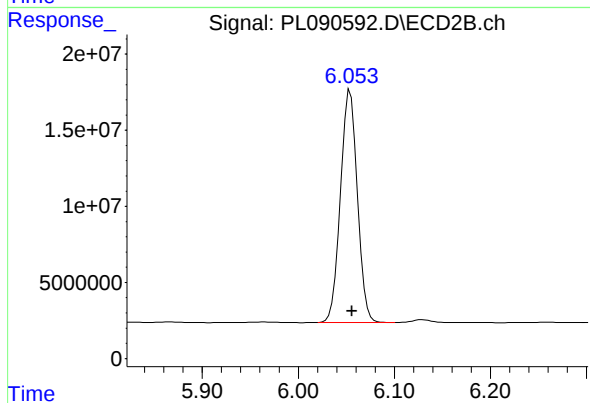
#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 2179326
Conc: 1.45 ng/ml



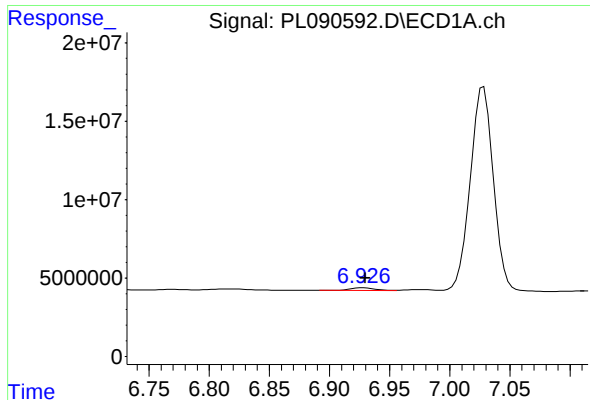
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 174156473
Conc: 103.46 ng/ml



#17 4,4'-DDT

R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 184891810
Conc: 126.19 ng/ml



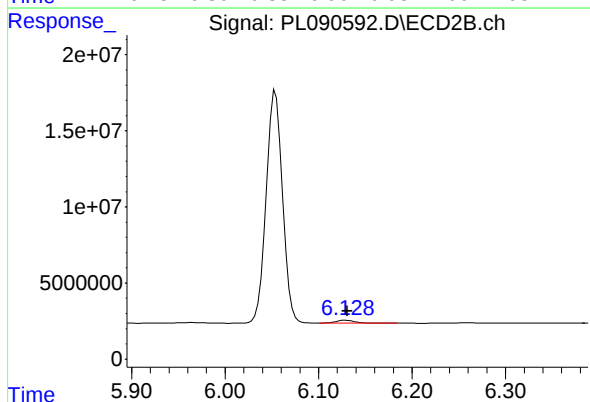
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 2571967
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

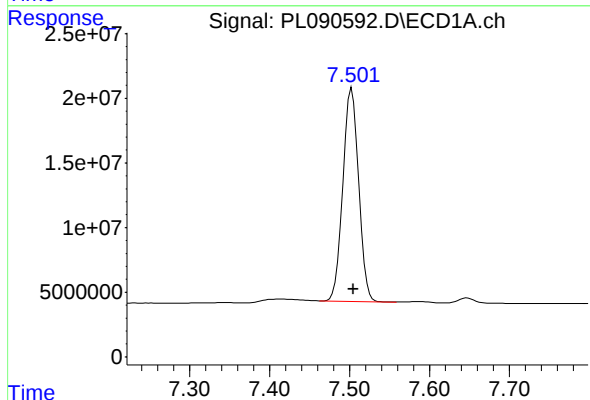
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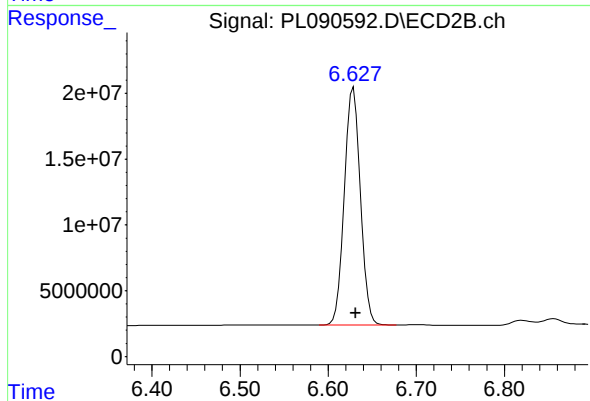
#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 2615522
Conc: 2.00 ng/ml



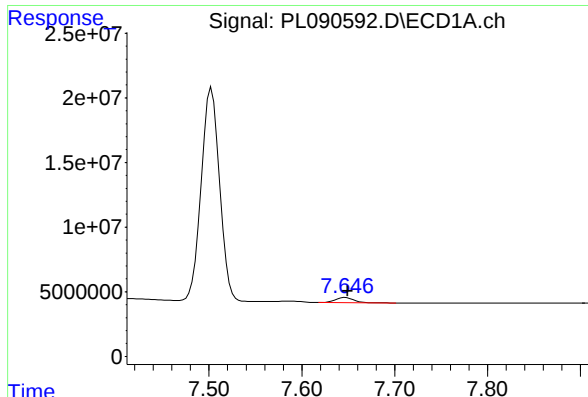
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 226144696
Conc: 256.14 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 229243816
Conc: 283.53 ng/ml m



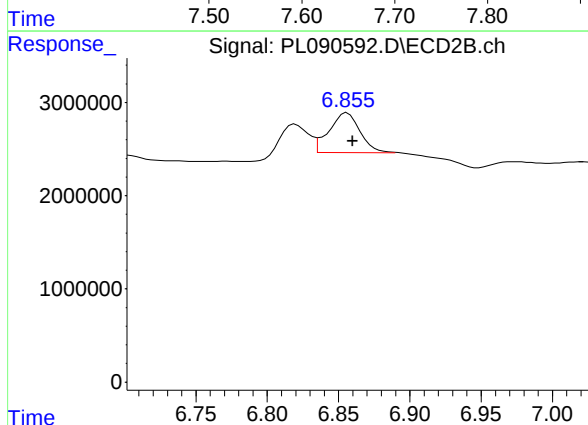
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 5284618
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

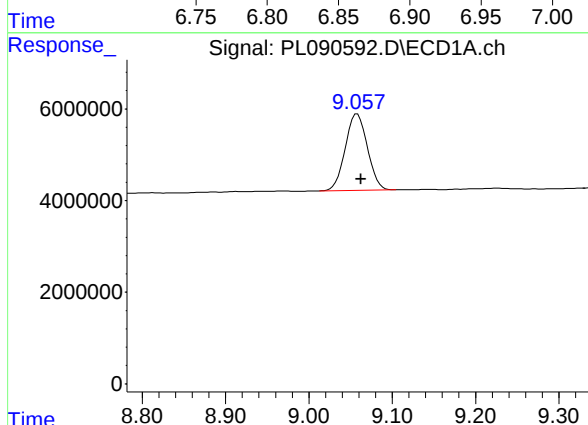
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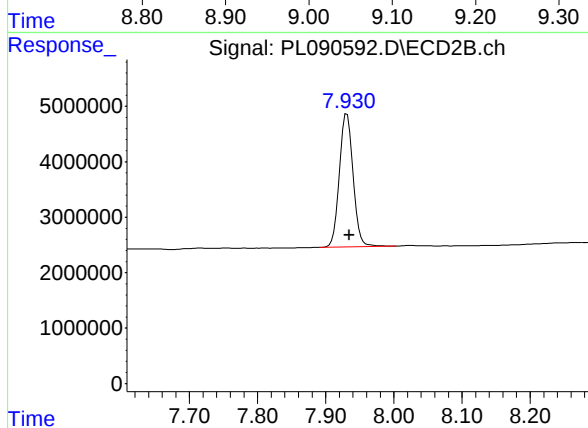
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: -0.005 min
Response: 6379146
Conc: 3.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 30807842
Conc: 23.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 33488102
Conc: 22.97 ng/ml