

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
 Data File : PL093362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2024 12:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2024
 Supervised By : Ankita Jodhani 12/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 02:01:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 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...	3.541	2.776	60540900	65253549	23.294	22.626
28)	SA Decachlor...	9.061	7.916	44263088	65563650	25.460	22.953
Target Compounds							
2)	A alpha-BHC	3.997	3.279	43583322	46315561	12.214	10.848
3)	MA gamma-BHC...	4.330	3.609	40505750	42797420	11.989	10.338
6)	B beta-BHC	4.528	3.910	18822190	20874765	12.467	11.735
14)	MA Endrin	6.577	5.641	111.1E6	173.7E6	52.974m	54.479
16)	A 4,4'-DDD	6.713	5.789	3927493	4670817	2.143m	1.666
17)	MA 4,4'-DDT	7.028	6.039	202.2E6	351.8E6	104.886	118.767
18)	B Endrin al...	6.929	6.115	3446166	5424635	1.908	2.069
20)	A Methoxychlor	7.505	6.615	249.2E6	409.3E6	238.467	268.052
21)	B Endrin ke...	7.648	6.843	7273701	9346752	3.205	2.784

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

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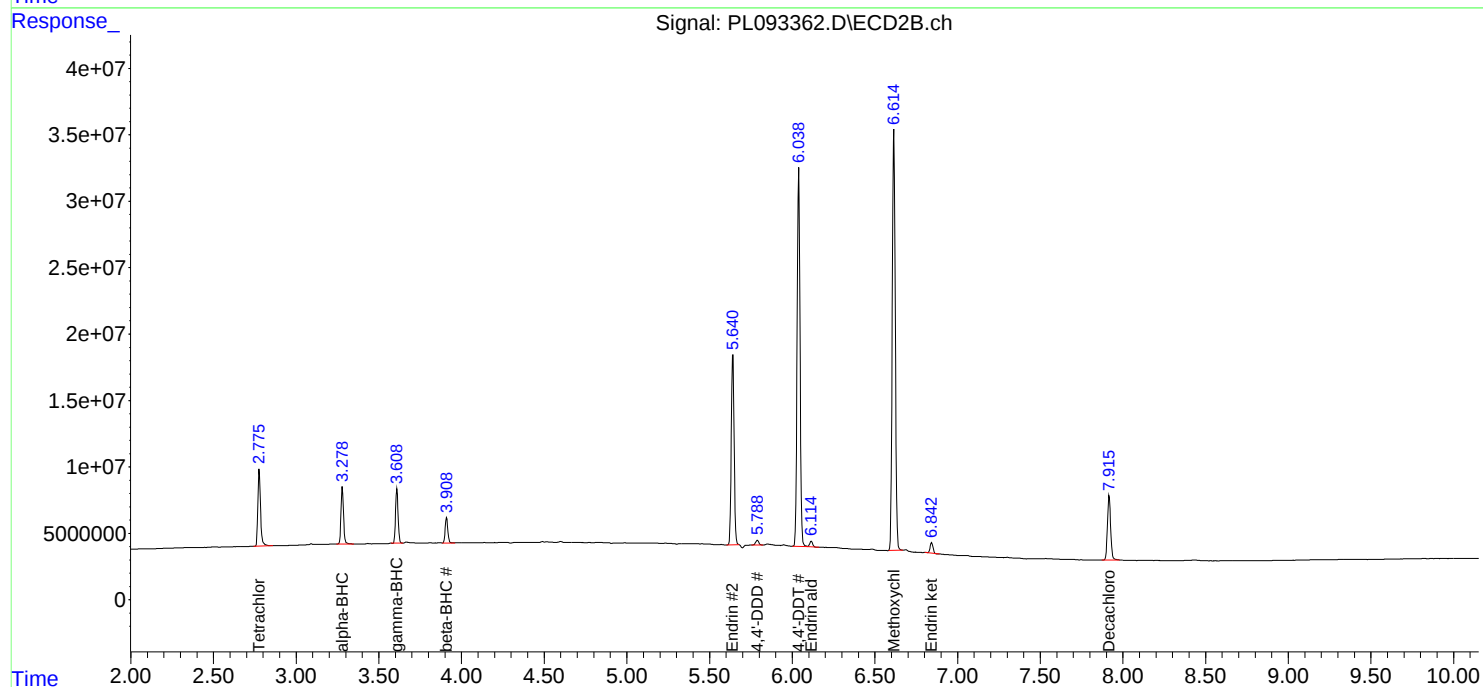
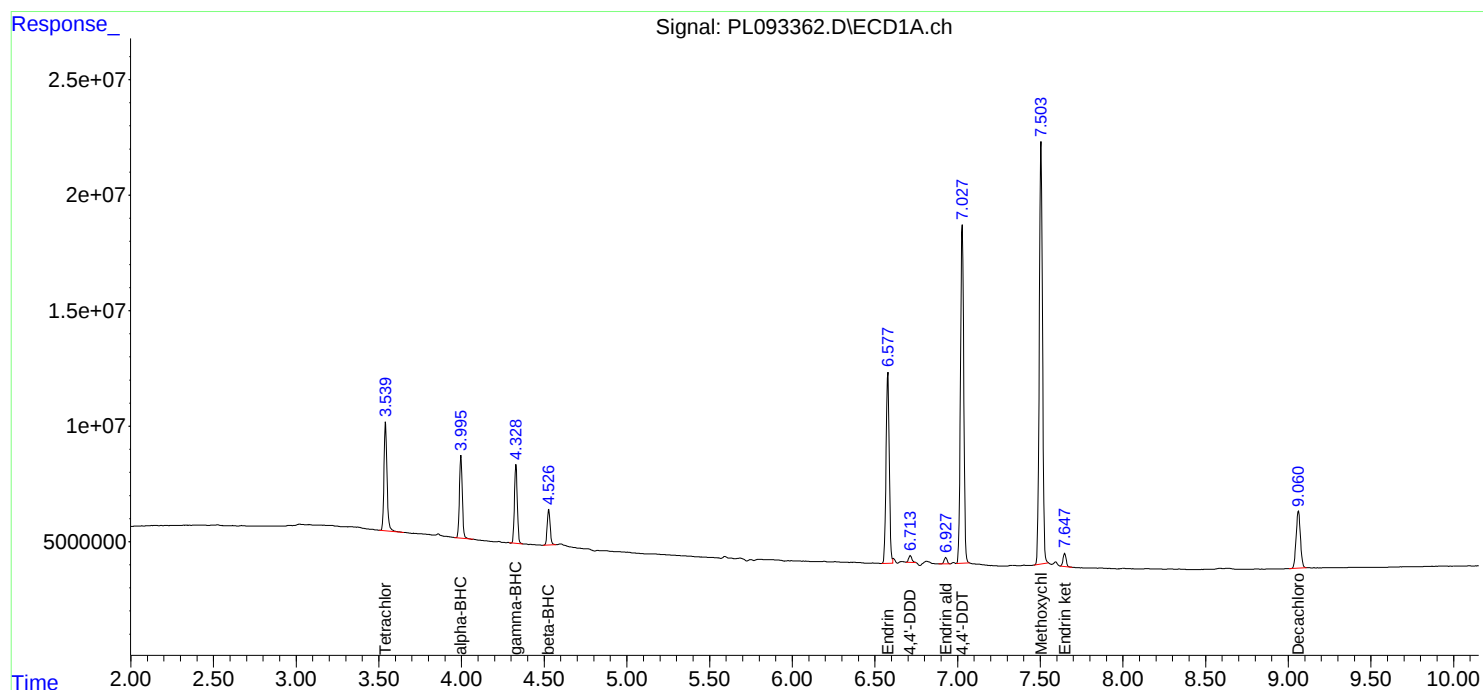
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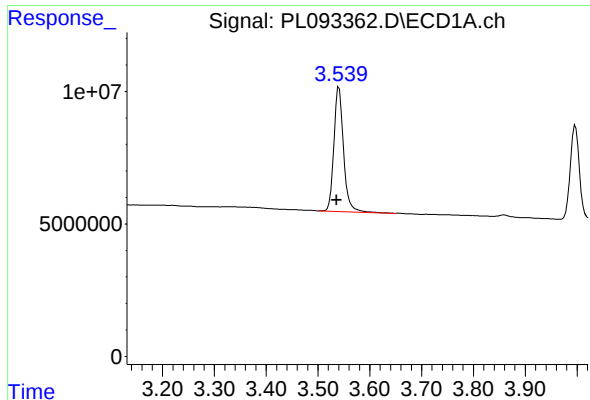
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Integration File signal 1: autoint1.e
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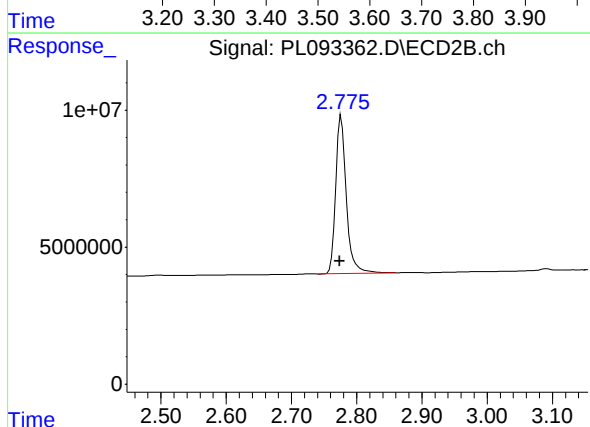
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.005 min
Response: 60540900
Conc: 23.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

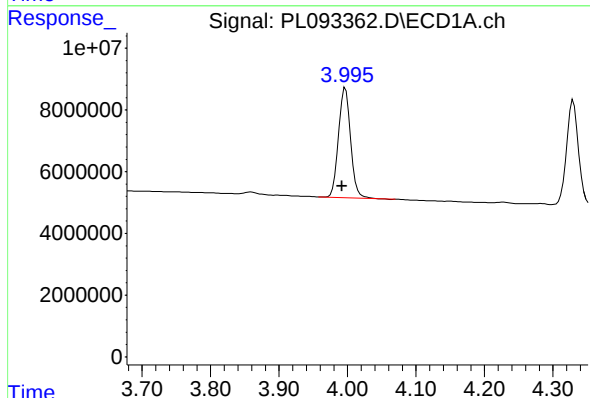
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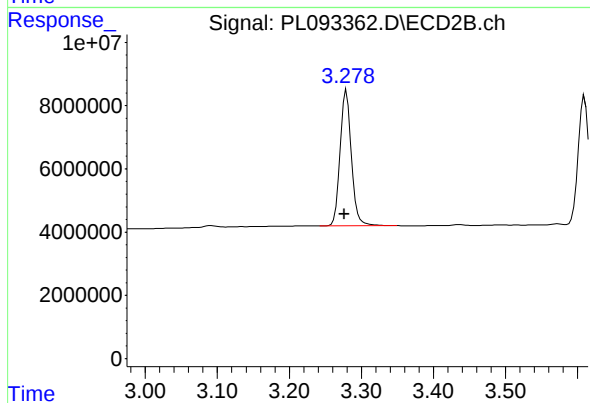
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 65253549
Conc: 22.63 ng/ml



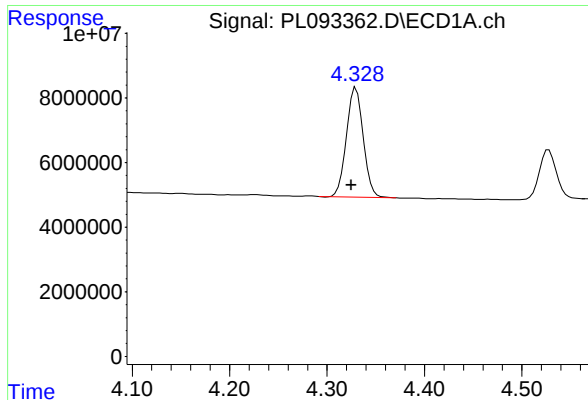
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.005 min
Response: 43583322
Conc: 12.21 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 46315561
Conc: 10.85 ng/ml



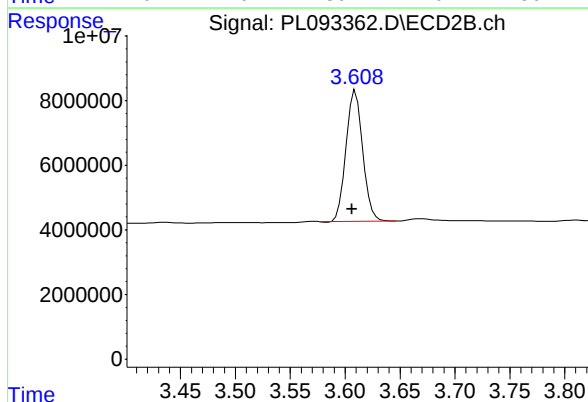
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 40505750
Conc: 11.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

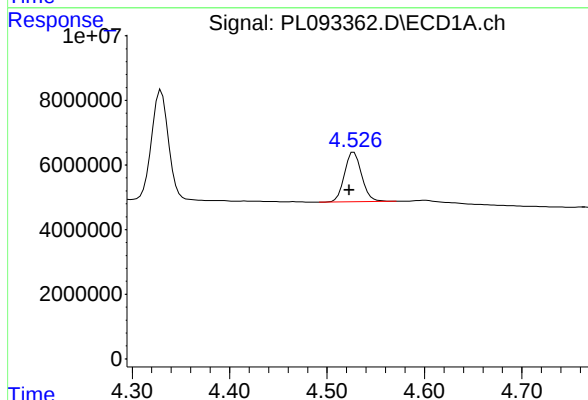
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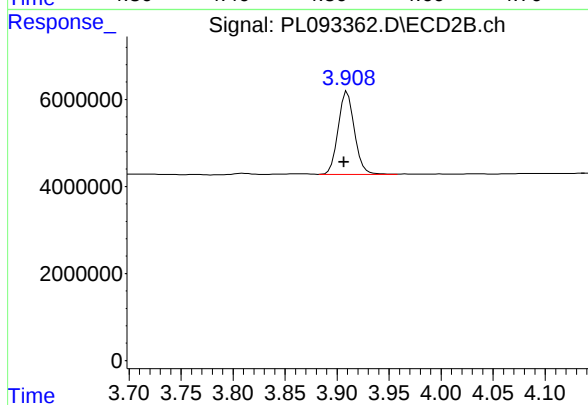
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 42797420
Conc: 10.34 ng/ml



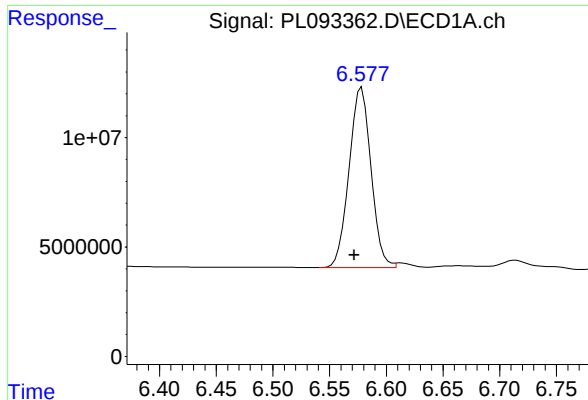
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.005 min
Response: 18822190
Conc: 12.47 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 20874765
Conc: 11.73 ng/ml



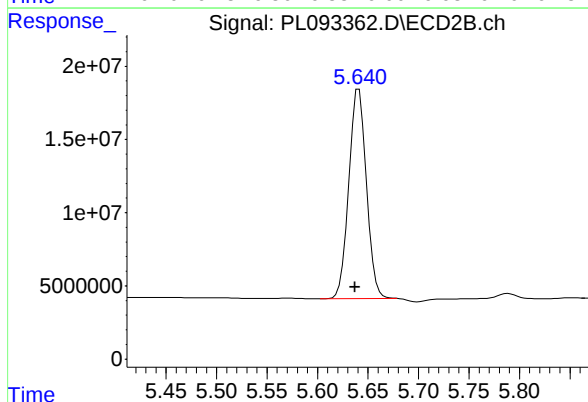
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.005 min
Response: 111112291
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

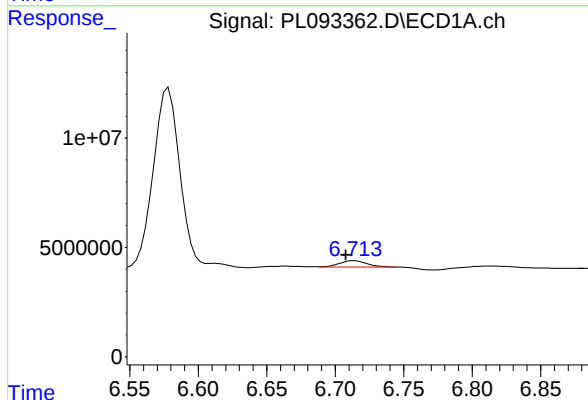
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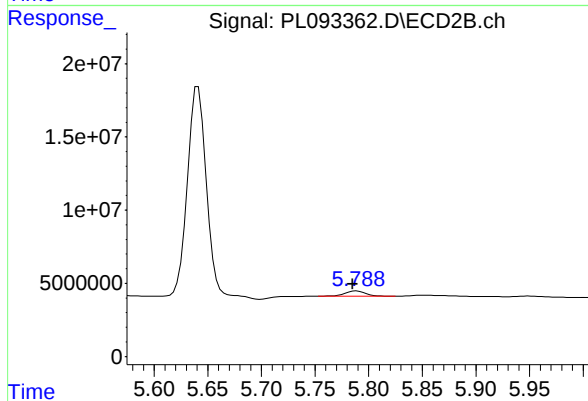
#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 173747259
Conc: 54.48 ng/ml



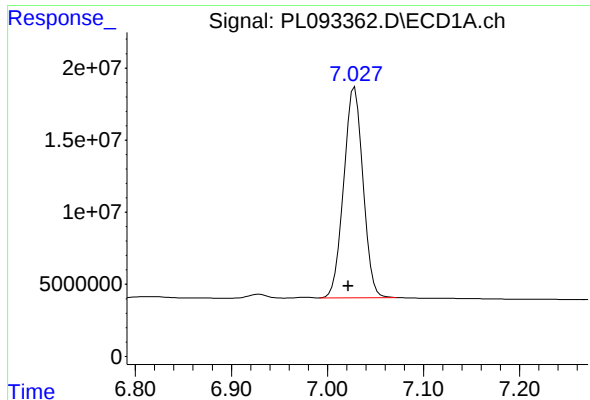
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.005 min
Response: 3927493
Conc: 2.14 ng/ml m



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.004 min
Response: 4670817
Conc: 1.67 ng/ml



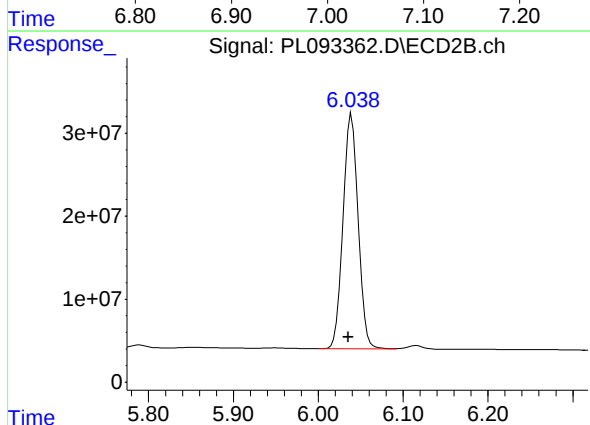
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.007 min
Response: 202201922
Conc: 104.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

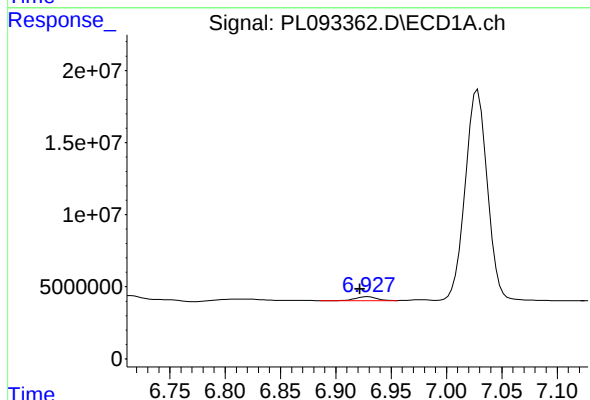
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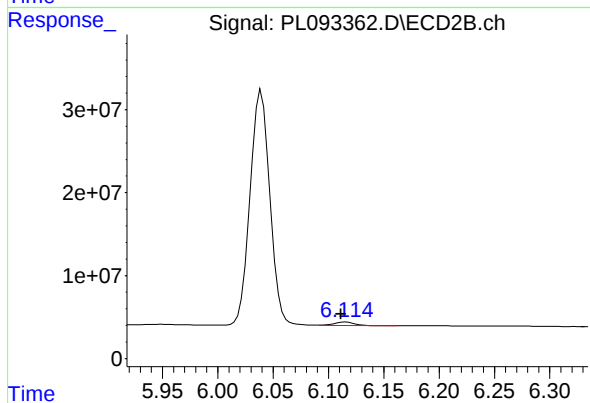
#17 4,4'-DDT

R.T.: 6.039 min
Delta R.T.: 0.004 min
Response: 351760330
Conc: 118.77 ng/ml



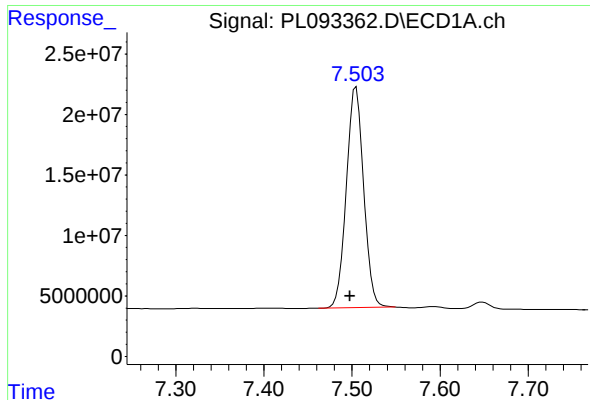
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.007 min
Response: 3446166
Conc: 1.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.004 min
Response: 5424635
Conc: 2.07 ng/ml



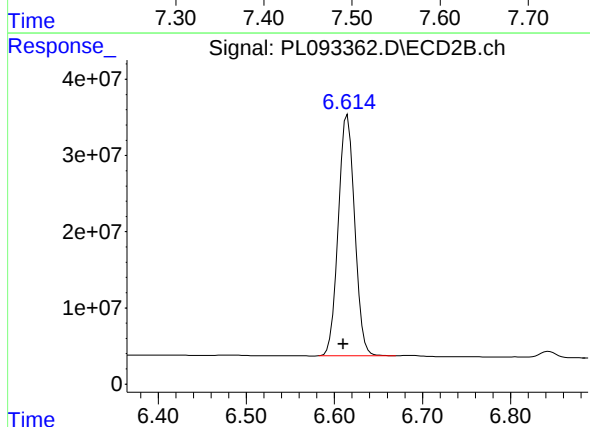
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.007 min
Response: 249168886
Conc: 238.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

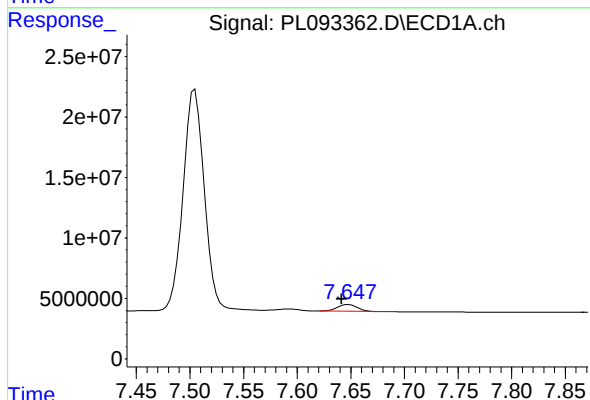
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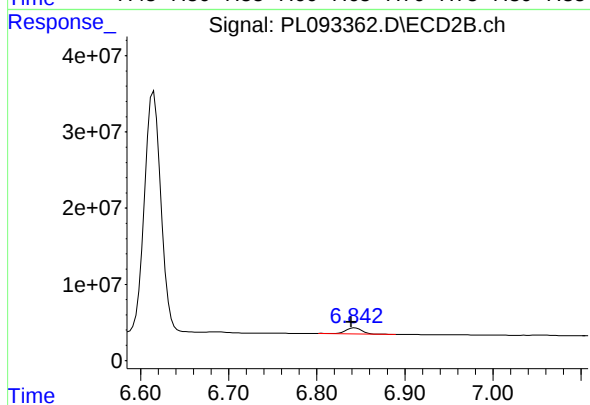
#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 409299481
Conc: 268.05 ng/ml



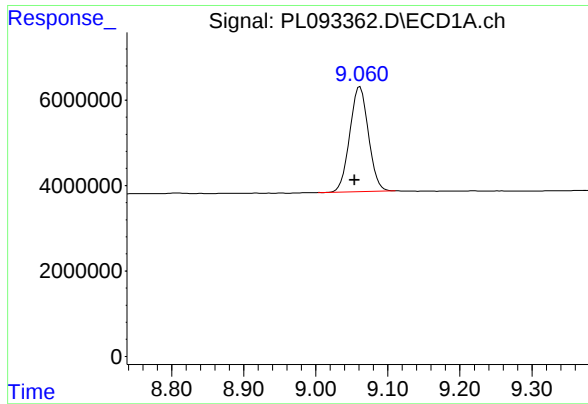
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.007 min
Response: 7273701
Conc: 3.21 ng/ml



#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 9346752
Conc: 2.78 ng/ml



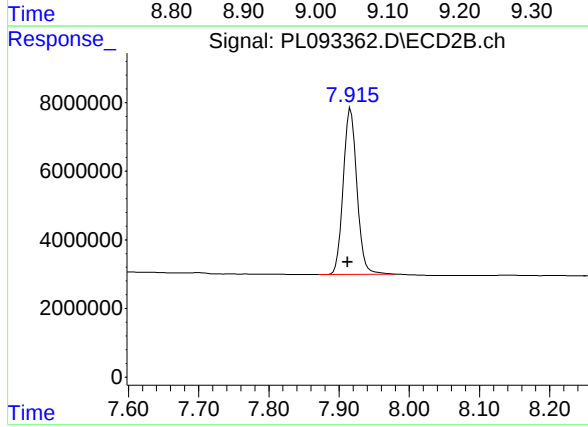
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.007 min
Response: 44263088
Conc: 25.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.004 min
Response: 65563650
Conc: 22.95 ng/ml