

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052224\
 Data File : PL0895666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2024 10:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2024
 Supervised By : Ankita Jodhani 05/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 01:36:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.549	2.794	47082250	29994498	23.381	23.378
28)	SA Decachlor...	9.061	7.941	31021322	30277389	22.174	22.508
Target Compounds							
2)	A alpha-BHC	4.004	3.298	34501667	20171688	12.098	10.690
3)	MA gamma-BHC...	4.336	3.629	32371854	19561968	11.628	10.601
6)	B beta-BHC	4.530	3.927	15069532	10024350	11.945m	12.278
12)	B 4,4'-DDE	6.199	5.257	1151358	601658	0.569m	0.414m#
14)	MA Endrin	6.581	5.664	85390766	76629188	45.077m	53.301
16)	A 4,4'-DDD	6.715	5.812	4160109	2615200	2.466m	2.121
17)	MA 4,4'-DDT	7.030	6.063	160.5E6	150.2E6	87.259	111.048 #
18)	B Endrin al...	6.930	6.138	3258465	2294837	2.155	2.063
20)	A Methoxychlor	7.504	6.636	203.0E6	195.5E6	206.460	244.534m
21)	B Endrin ke...	7.648	6.865	6276437	3836074	3.136	2.399m

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

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ALS Vial : 3 Sample Multiplier: 1

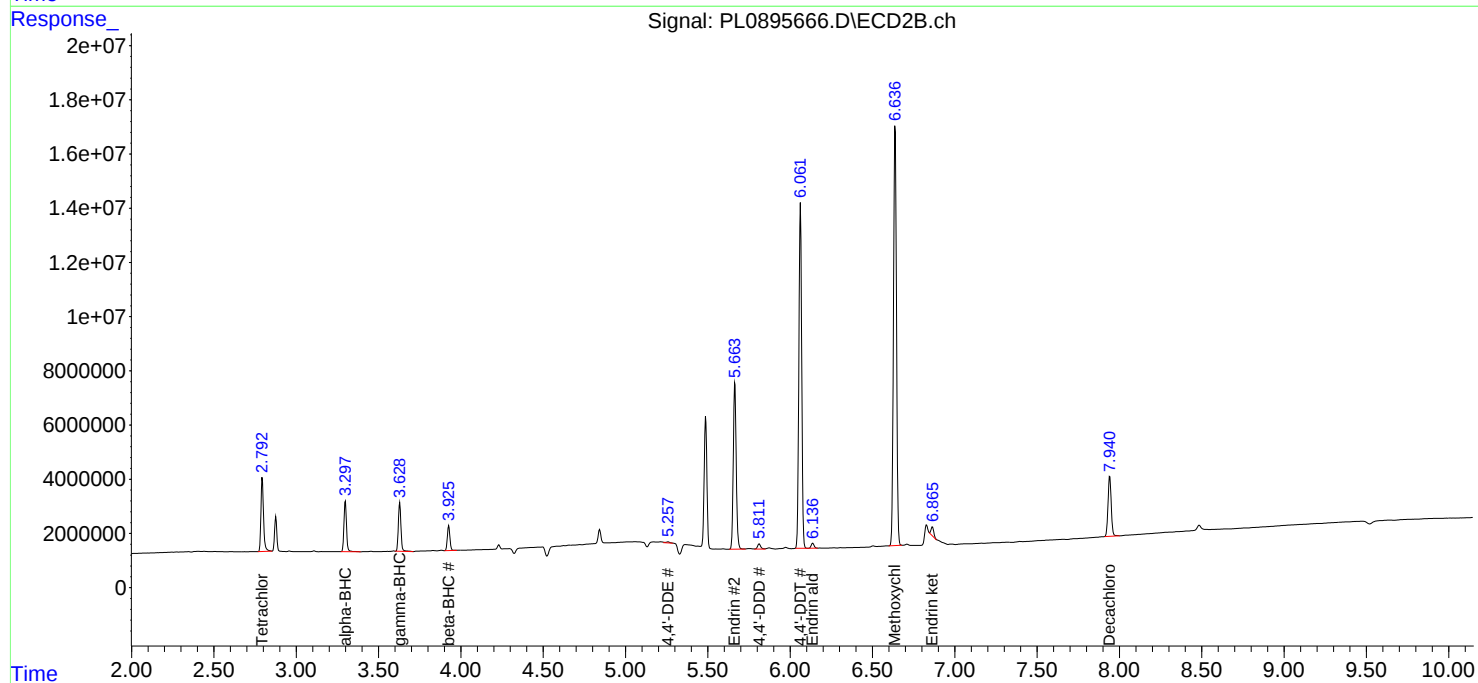
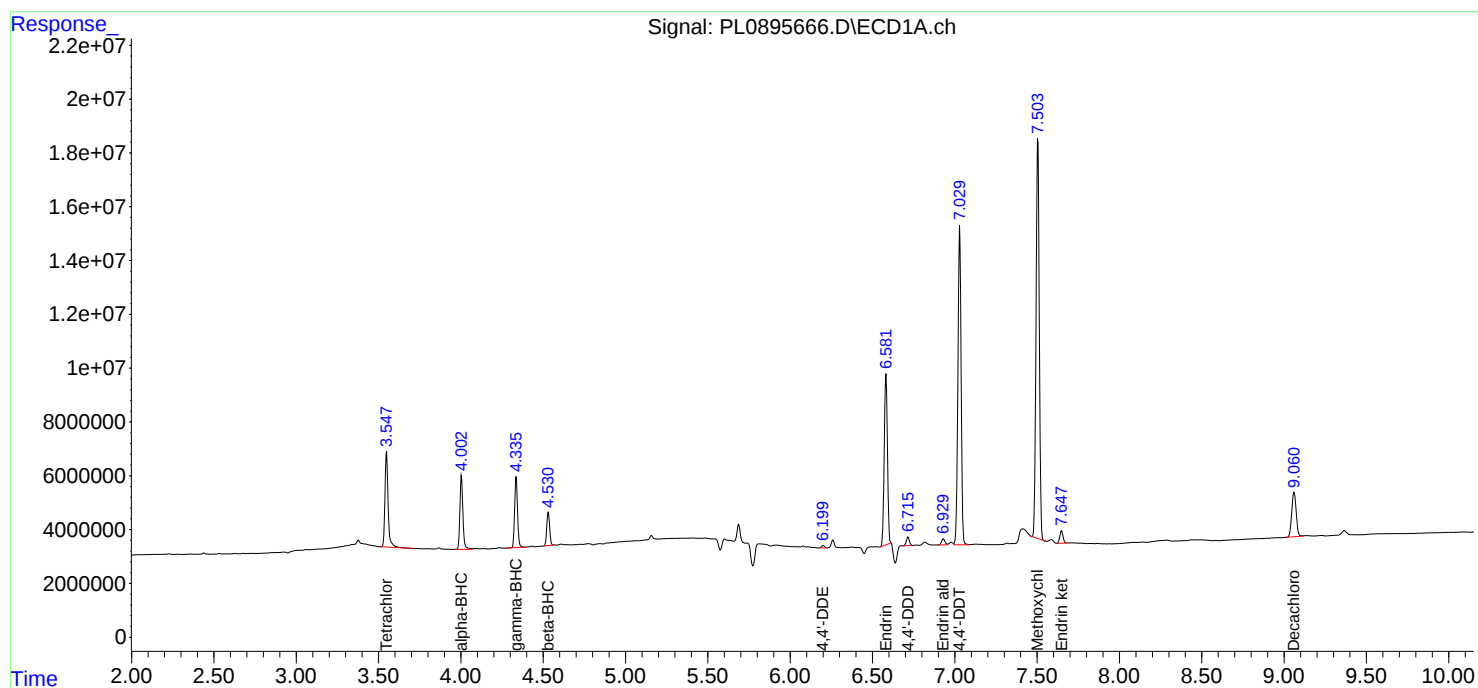
Instrument :
ECD_L
ClientSampleId :
PEM

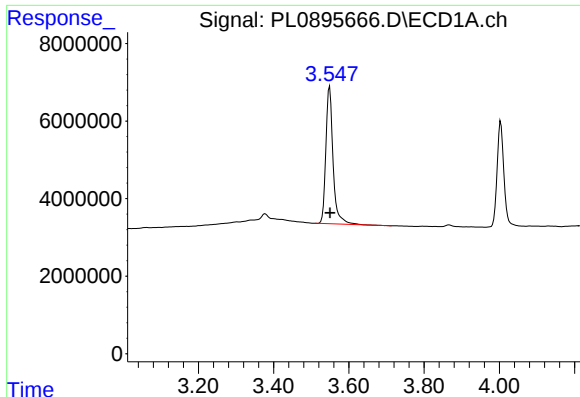
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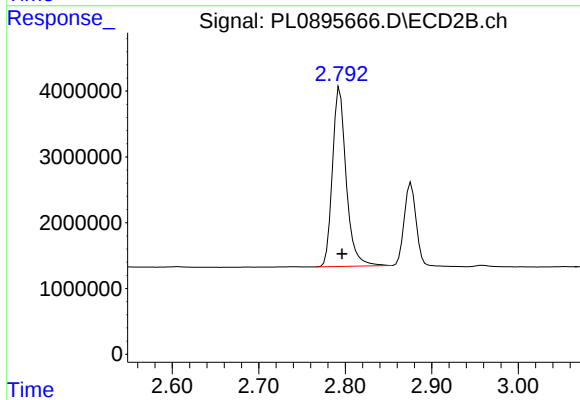
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 47082250
Conc: 23.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

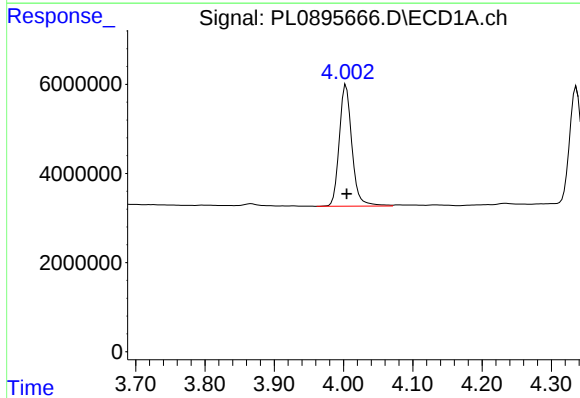
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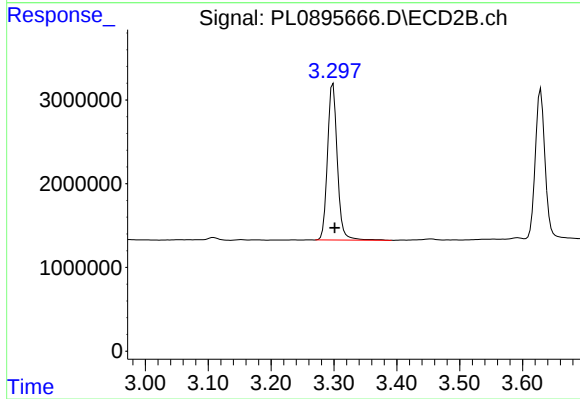
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 29994498
Conc: 23.38 ng/ml



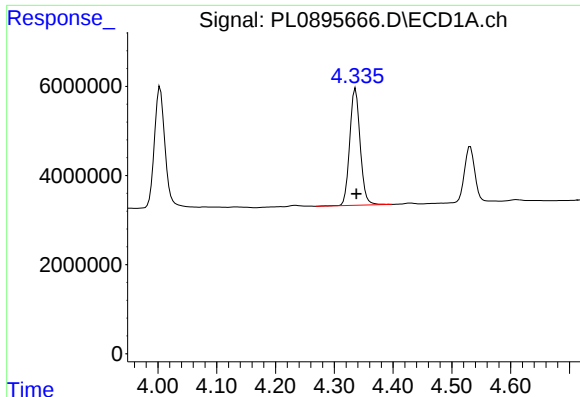
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 34501667
Conc: 12.10 ng/ml



#2 alpha-BHC

R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 20171688
Conc: 10.69 ng/ml



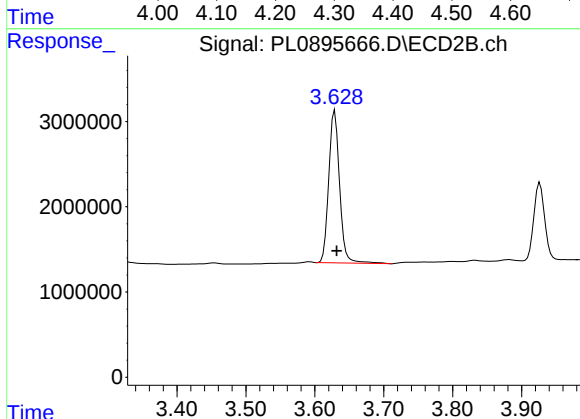
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 32371854
Conc: 11.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

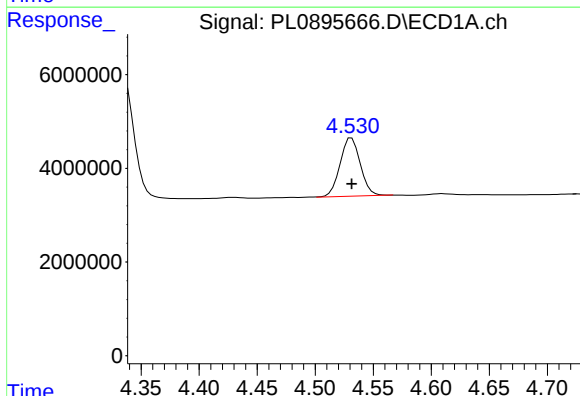
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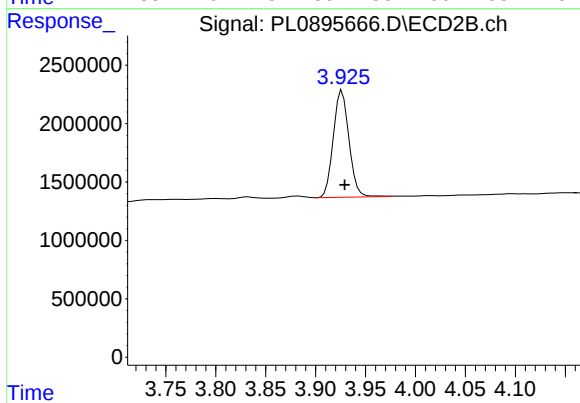
#3 gamma-BHC (Lindane)

R.T.: 3.629 min
Delta R.T.: -0.003 min
Response: 19561968
Conc: 10.60 ng/ml



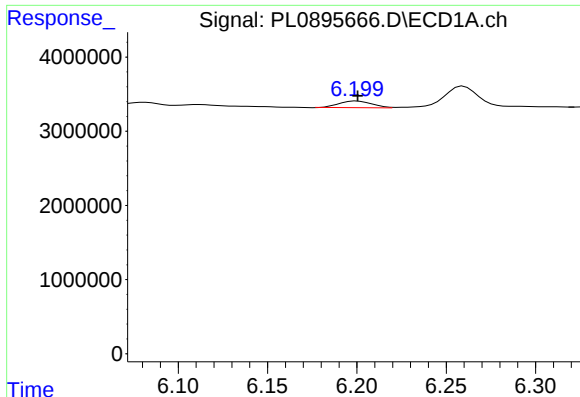
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 15069532
Conc: 11.95 ng/ml m



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 10024350
Conc: 12.28 ng/ml



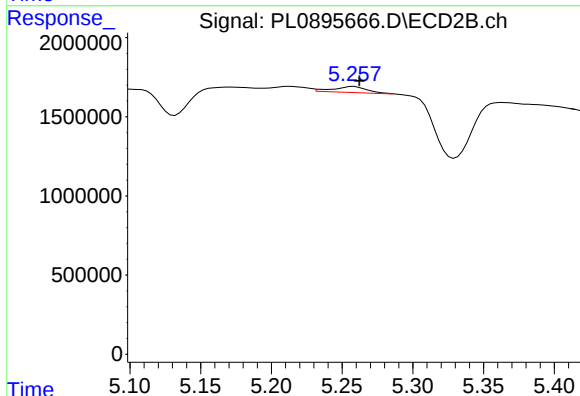
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 1151358
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

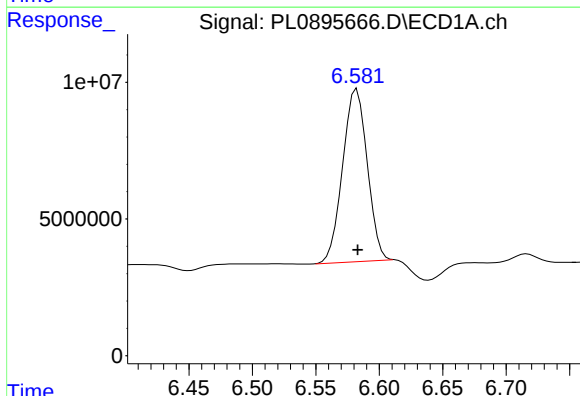
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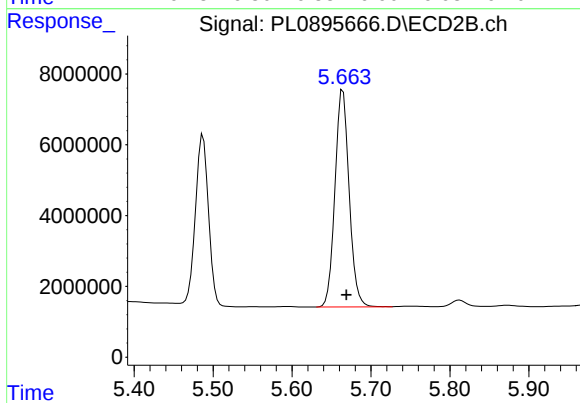
#12 4,4'-DDE

R.T.: 5.257 min
Delta R.T.: -0.005 min
Response: 601658
Conc: 0.41 ng/ml m



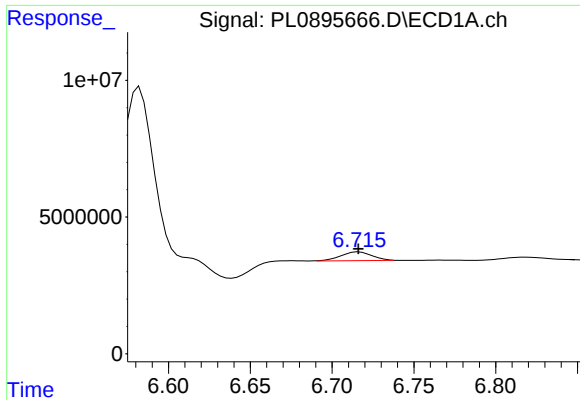
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 85390766
Conc: 45.08 ng/ml m



#14 Endrin

R.T.: 5.664 min
Delta R.T.: -0.004 min
Response: 76629188
Conc: 53.30 ng/ml



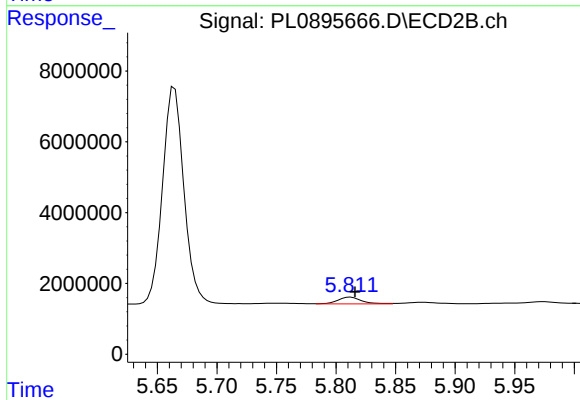
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 4160109
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

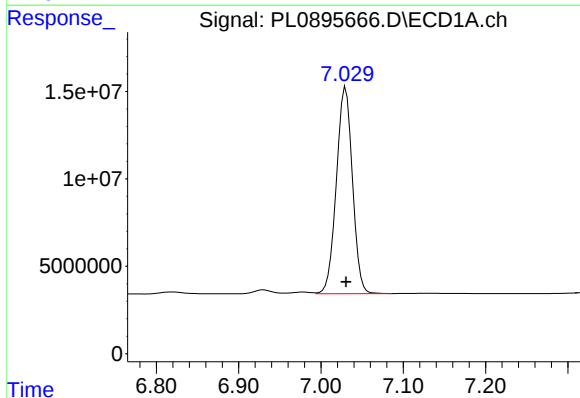
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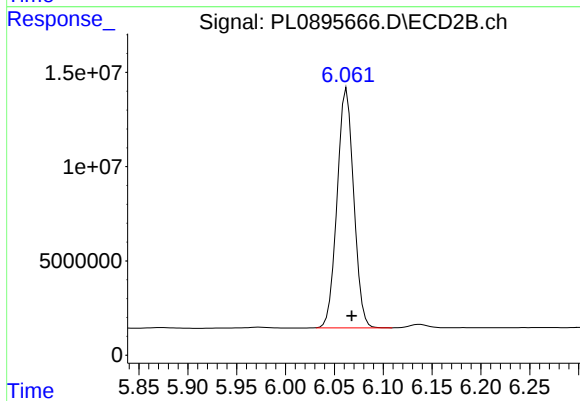
#16 4,4'-DDD

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 2615200
Conc: 2.12 ng/ml



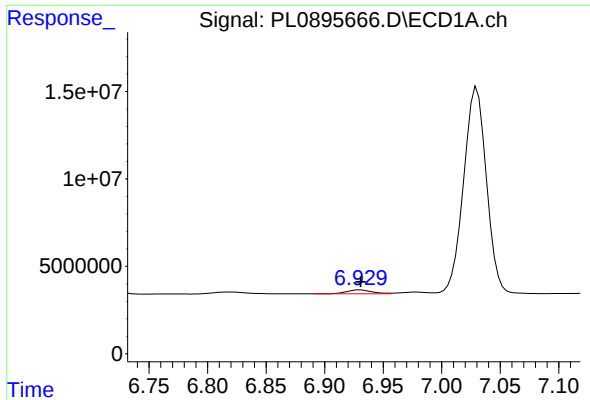
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 160467860
Conc: 87.26 ng/ml



#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.005 min
Response: 150245728
Conc: 111.05 ng/ml



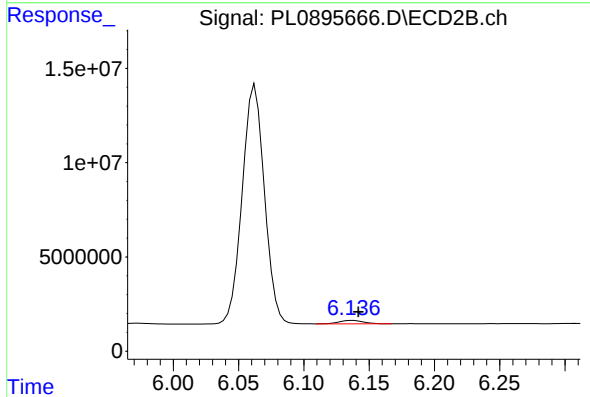
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 3258465
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

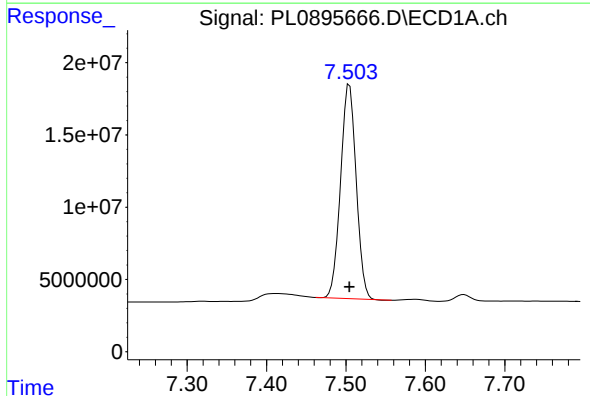
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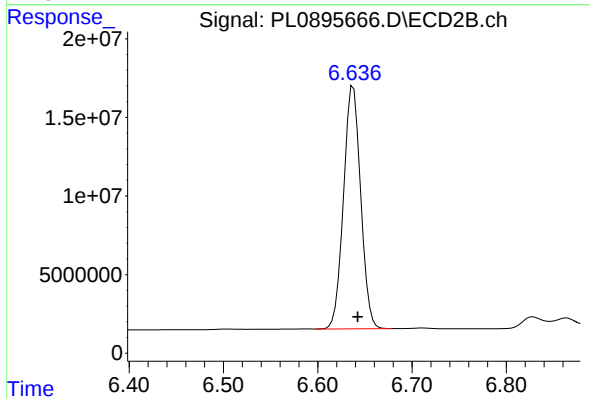
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 2294837
Conc: 2.06 ng/ml



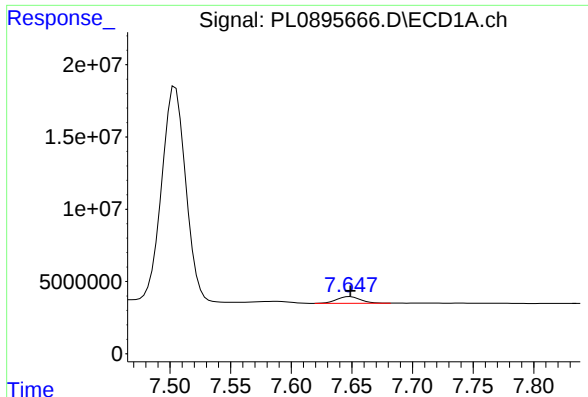
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 203032888
Conc: 206.46 ng/ml



#20 Methoxychlor

R.T.: 6.636 min
Delta R.T.: -0.006 min
Response: 195525606
Conc: 244.53 ng/ml m



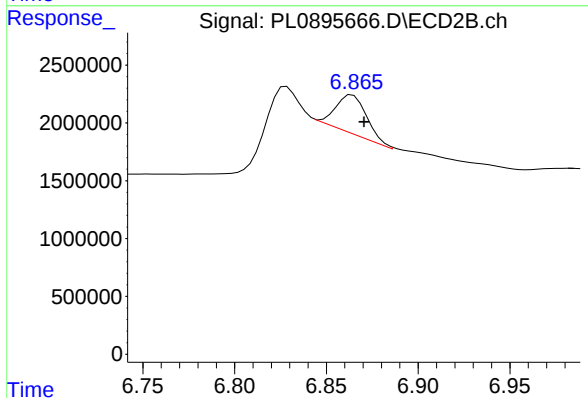
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 6276437
Conc: 3.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

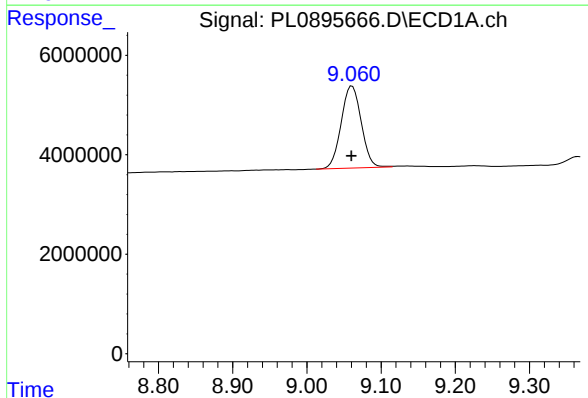
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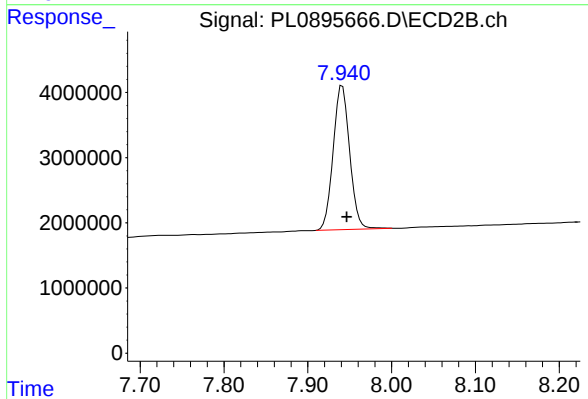
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: -0.006 min
Response: 3836074
Conc: 2.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 31021322
Conc: 22.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.941 min
Delta R.T.: -0.005 min
Response: 30277389
Conc: 22.51 ng/ml