

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052224\
 Data File : PL0895691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2024 19:12
 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 02:02:52 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...	3.547	2.793	46784938	32198383	23.234	25.095
28)	SA Decachlor...	9.058	7.939	30083133	30089726	21.503	22.368
Target Compounds							
2)	A alpha-BHC	4.002	3.297	34053663	22220736	11.941	11.776
3)	MA gamma-BHC...	4.335	3.628	31433985	21113892	11.291	11.442
6)	B beta-BHC	4.528	3.925	15676253	10801361	12.426m	13.230
12)	B 4,4'-DDE	6.197	5.256	825362	317848	0.408m	0.219 #
14)	MA Endrin	6.579	5.663	82710648	86508664	43.662m	60.173 #
16)	A 4,4'-DDD	6.713	5.809	7401002	5302003	4.387m	4.299
17)	MA 4,4'-DDT	7.029	6.061	151.3E6	150.5E6	82.290	111.214 #
18)	B Endrin al...	6.928	6.136	3446362	2515634	2.279	2.262
20)	A Methoxychlor	7.503	6.636	197.4E6	199.3E6	200.770	249.269
21)	B Endrin ke...	7.647	6.863	7047367	5070970	3.521	3.171

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

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Acq On : 22 May 2024 19:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

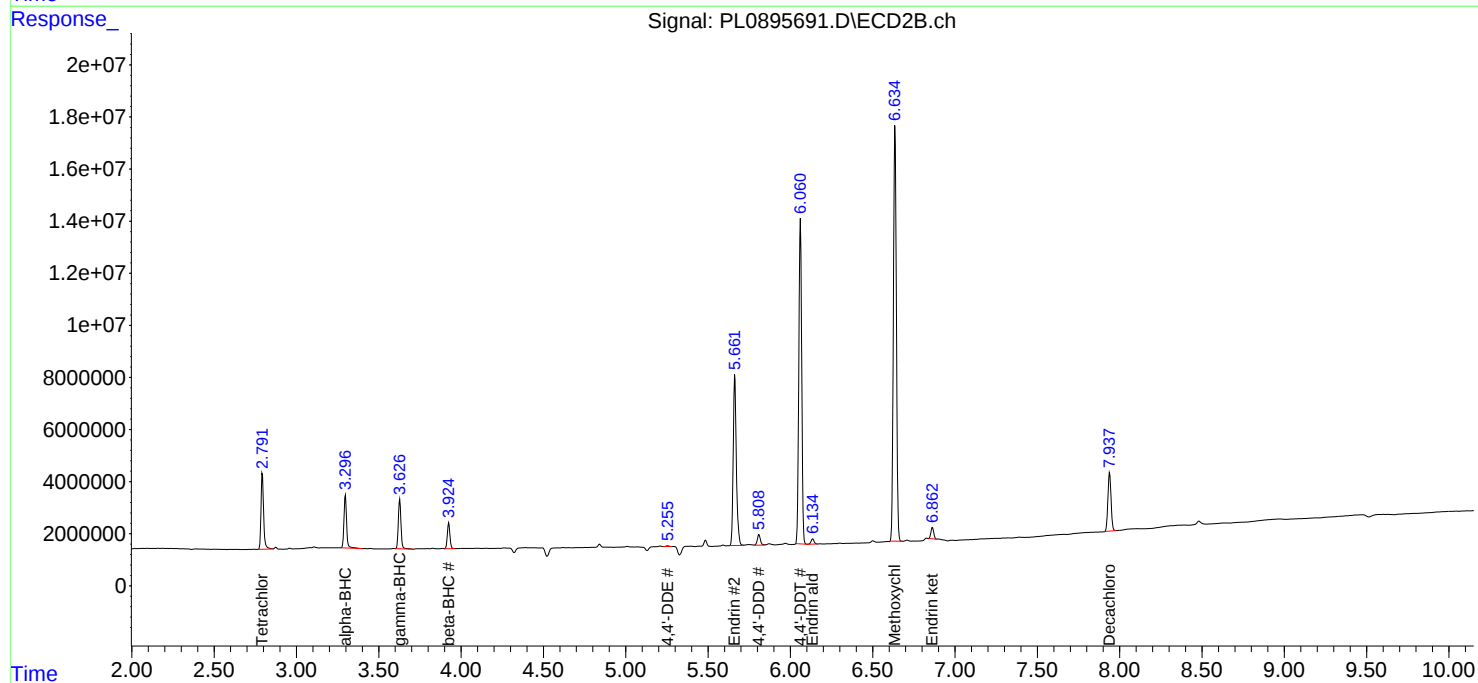
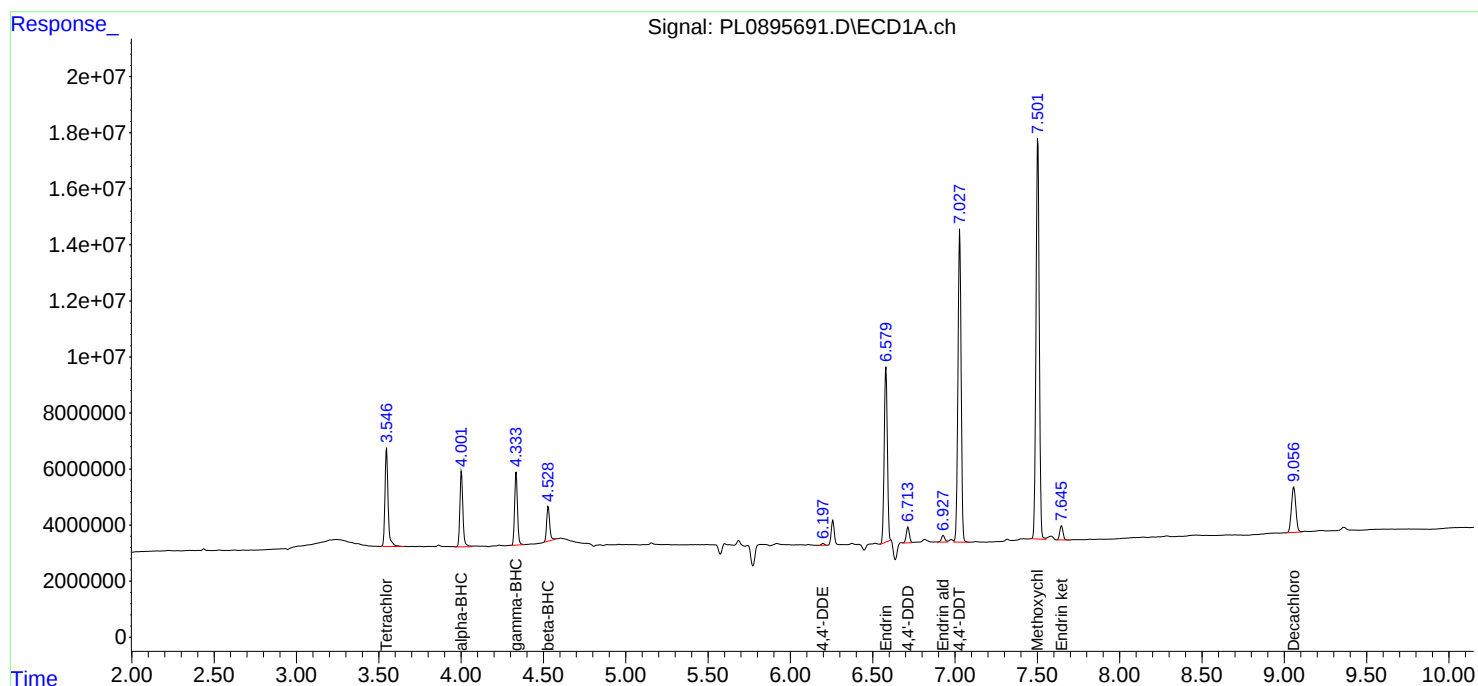
Instrument :
ECD_L
ClientSampleId :
PEM

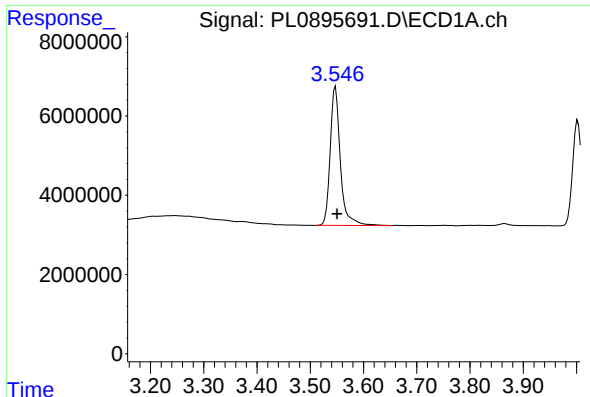
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 02:02:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





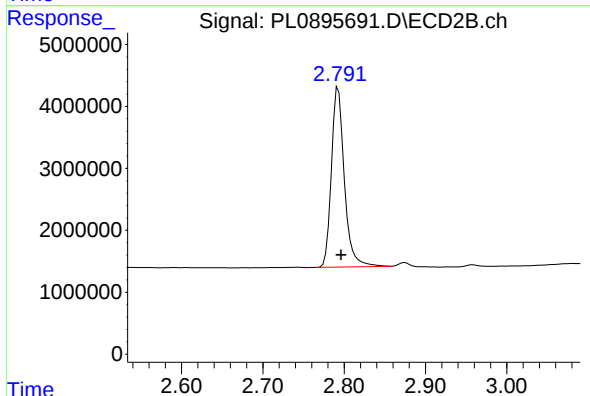
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 46784938
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

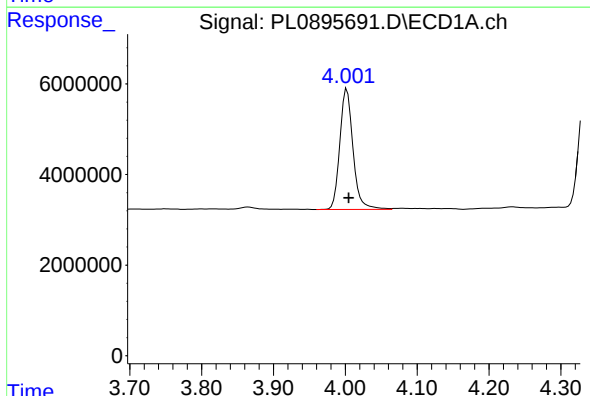
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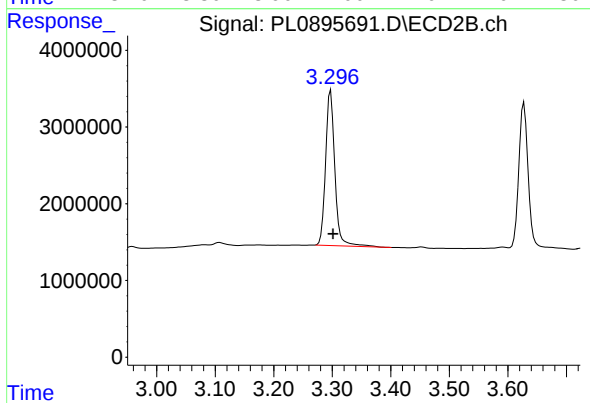
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 32198383
Conc: 25.10 ng/ml



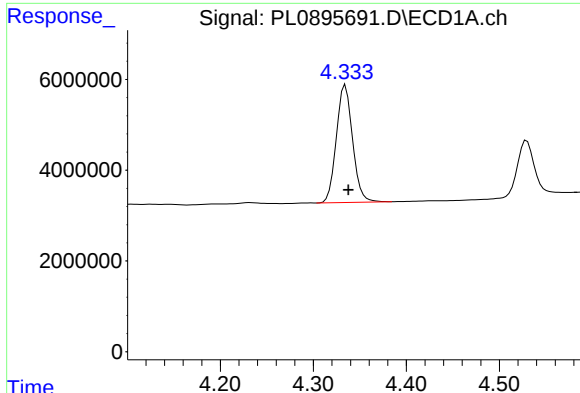
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: -0.003 min
Response: 34053663
Conc: 11.94 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 22220736
Conc: 11.78 ng/ml



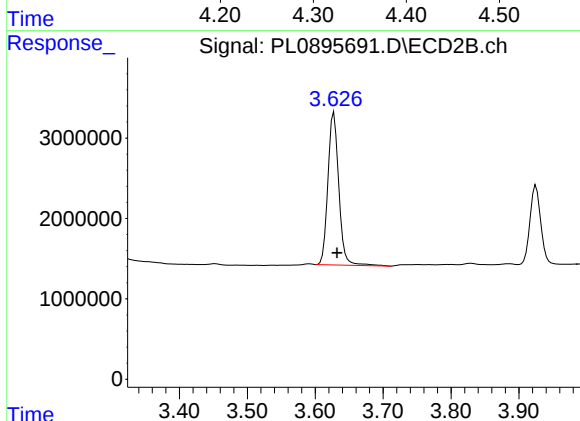
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 31433985
Conc: 11.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

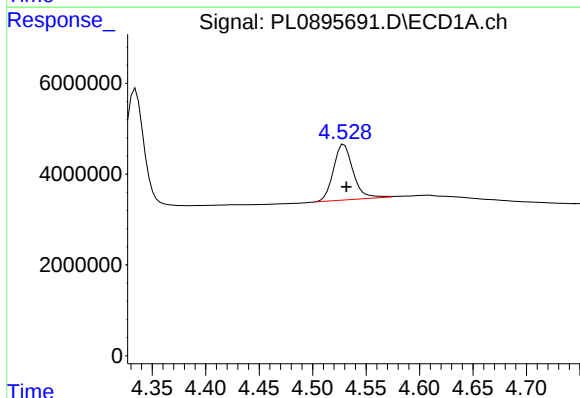
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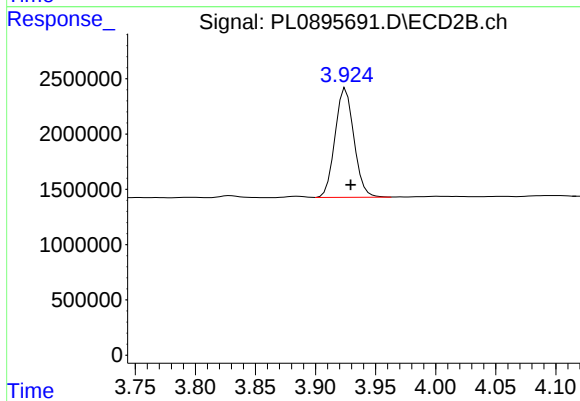
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: -0.004 min
Response: 21113892
Conc: 11.44 ng/ml



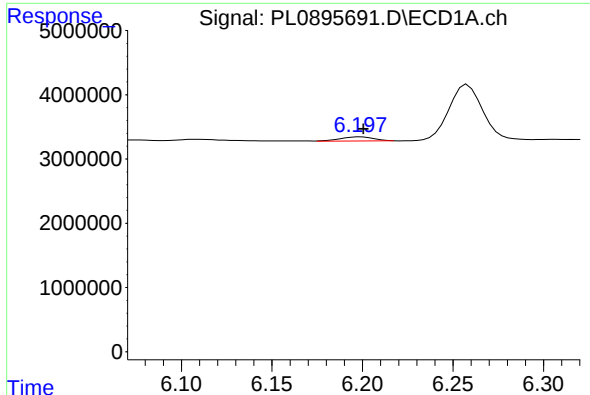
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 15676253
Conc: 12.43 ng/ml m



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.004 min
Response: 10801361
Conc: 13.23 ng/ml



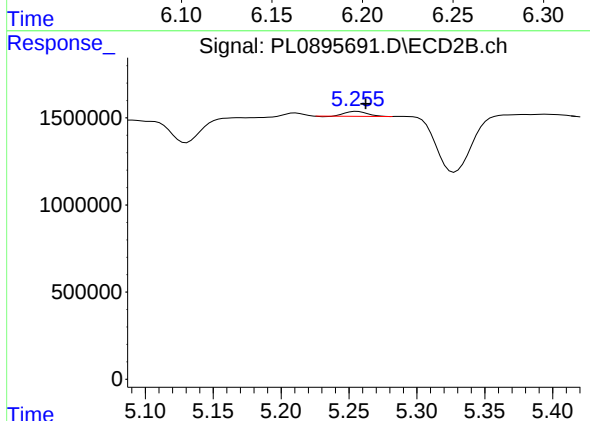
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.003 min
Response: 825362
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

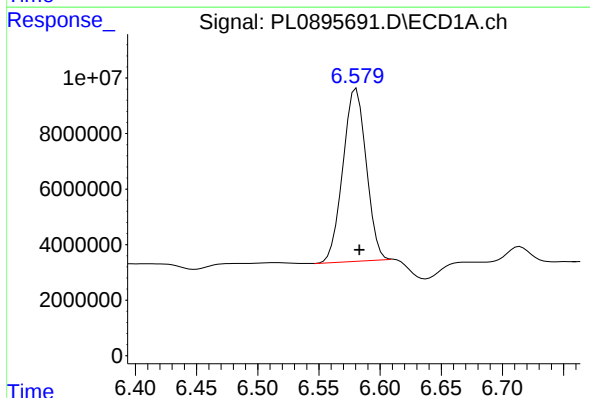
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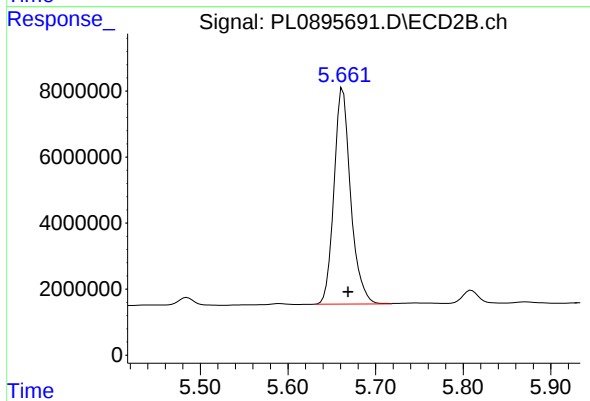
#12 4,4'-DDE

R.T.: 5.256 min
Delta R.T.: -0.006 min
Response: 317848
Conc: 0.22 ng/ml



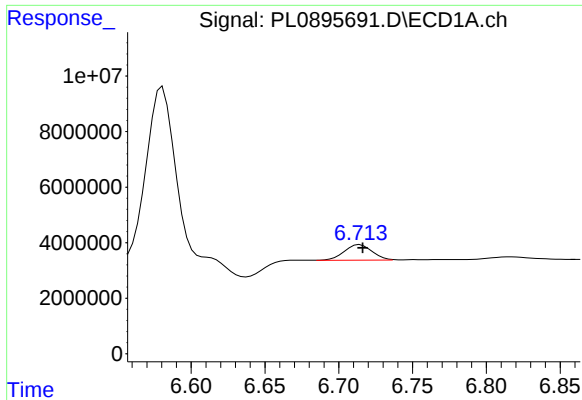
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 82710648
Conc: 43.66 ng/ml m



#14 Endrin

R.T.: 5.663 min
Delta R.T.: -0.006 min
Response: 86508664
Conc: 60.17 ng/ml



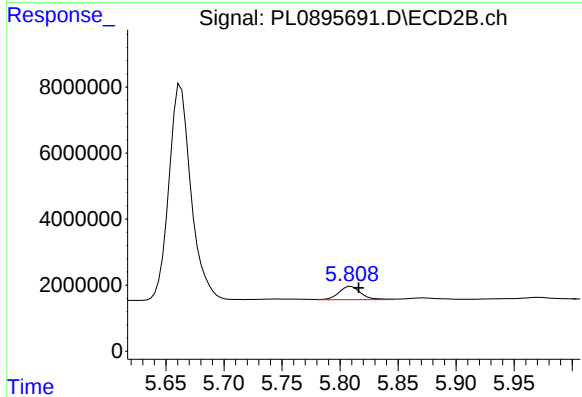
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 7401002
Conc: 4.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

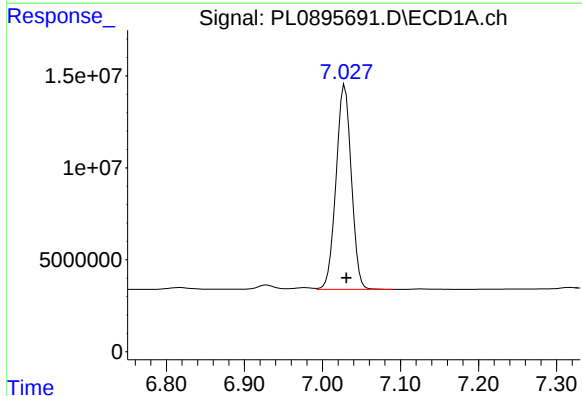
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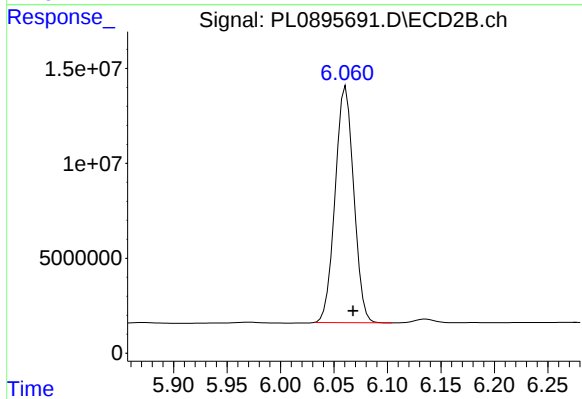
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 5302003
Conc: 4.30 ng/ml



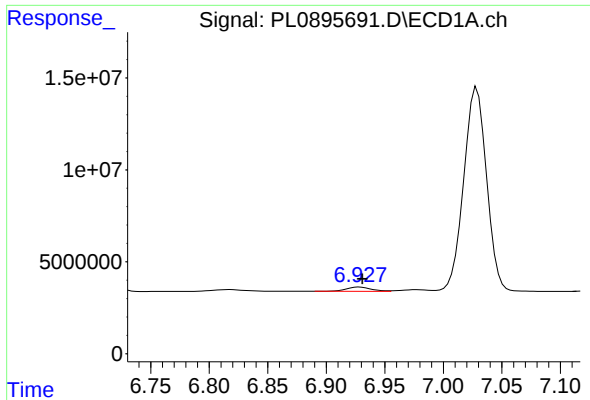
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 151330017
Conc: 82.29 ng/ml



#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.007 min
Response: 150470592
Conc: 111.21 ng/ml



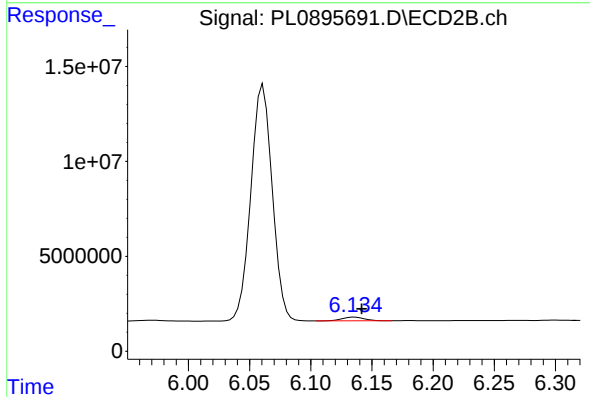
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 3446362
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

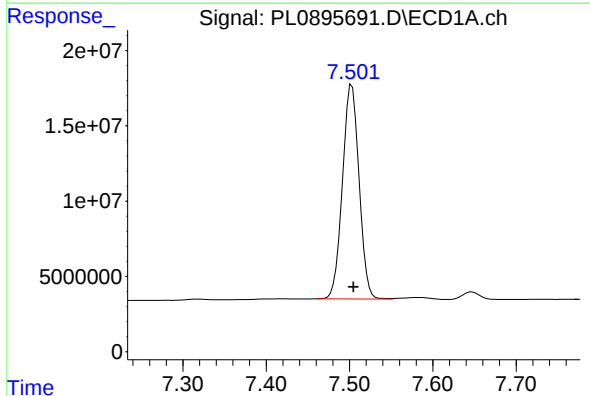
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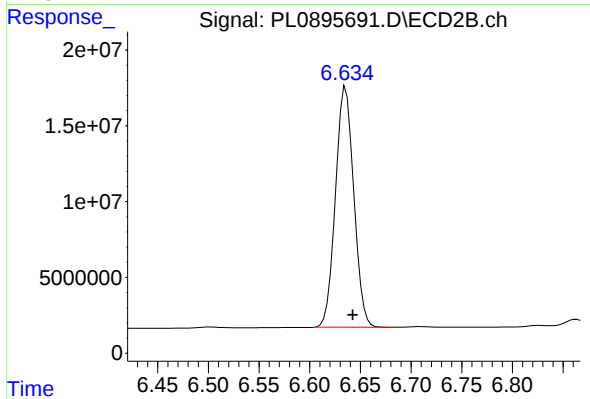
#18 Endrin aldehyde

R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 2515634
Conc: 2.26 ng/ml



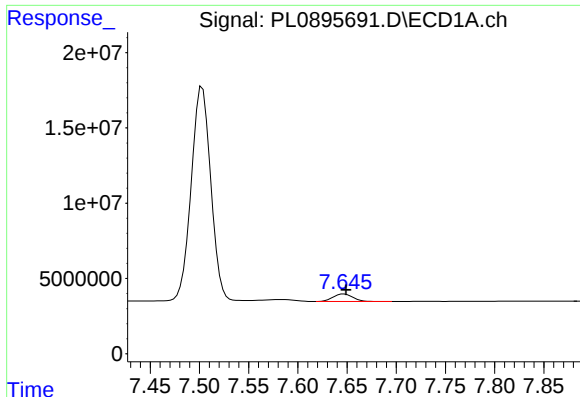
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 197437847
Conc: 200.77 ng/ml



#20 Methoxychlor

R.T.: 6.636 min
Delta R.T.: -0.007 min
Response: 199311883
Conc: 249.27 ng/ml



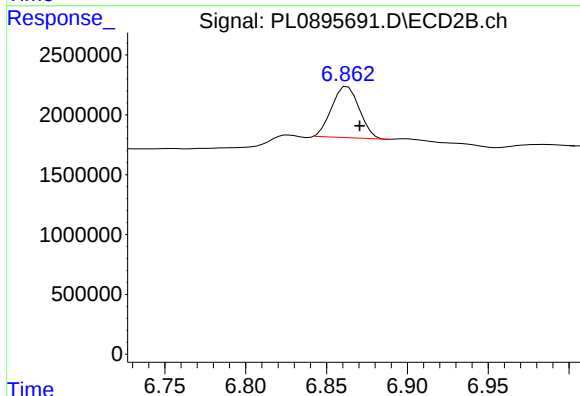
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.002 min
Response: 7047367
Conc: 3.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

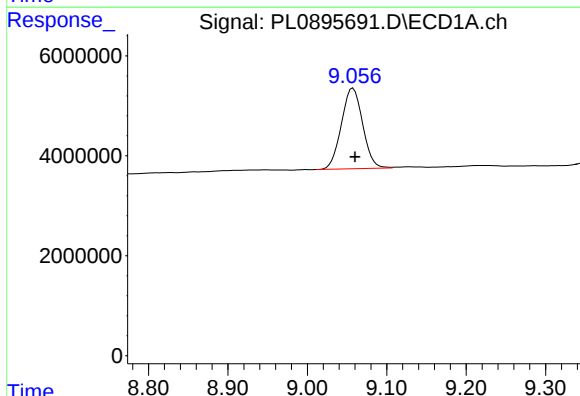
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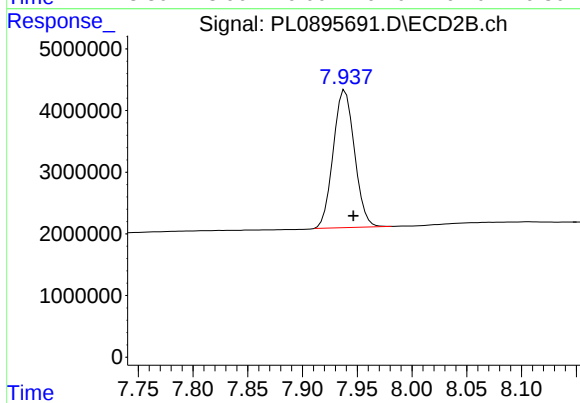
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.008 min
Response: 5070970
Conc: 3.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 30083133
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.939 min
Delta R.T.: -0.008 min
Response: 30089726
Conc: 22.37 ng/ml