

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060324\
 Data File : PL089890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2024 09:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2024
 Supervised By :Ankita Jodhani 06/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 23:09:28 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...	3.550	2.795	45790622	31364461	21.870	21.875
28)	SA Decachlor...	9.063	7.941	30199349	30254323	20.538	20.359
Target Compounds							
2)	A alpha-BHC	4.006	3.299	33901416	21017706	11.371	9.832
3)	MA gamma-BHC...	4.338	3.628	32327754	20106954	11.124	9.613m
6)	B beta-BHC	4.533	3.927	15454583	10478297	11.832	11.454
12)	B 4,4'-DDE	6.201	5.258	1046928	435915	0.481	0.261 #
14)	MA Endrin	6.584	5.664	86136359	75757158	42.844	46.251
16)	A 4,4'-DDD	6.717	5.811	6230636	4125596	3.557	2.927
17)	MA 4,4'-DDT	7.032	6.063	158.6E6	155.8E6	86.131	102.613
18)	B Endrin al...	6.932	6.138	3464421	2764989	2.235	2.278
20)	A Methoxychlor	7.507	6.637	199.8E6	197.7E6	203.405	222.236
21)	B Endrin ke...	7.651	6.865	7013453	6426712	3.331	3.527

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

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Acq On : 03 Jun 2024 09:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

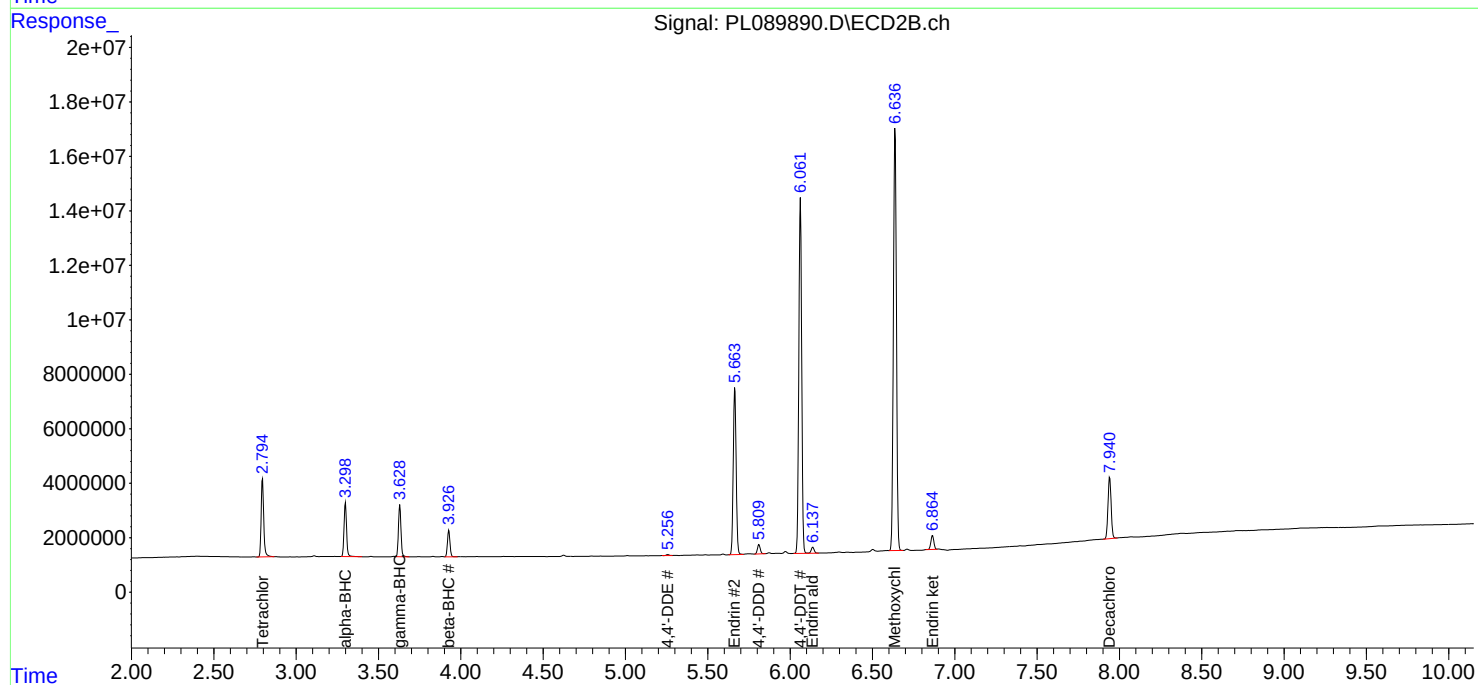
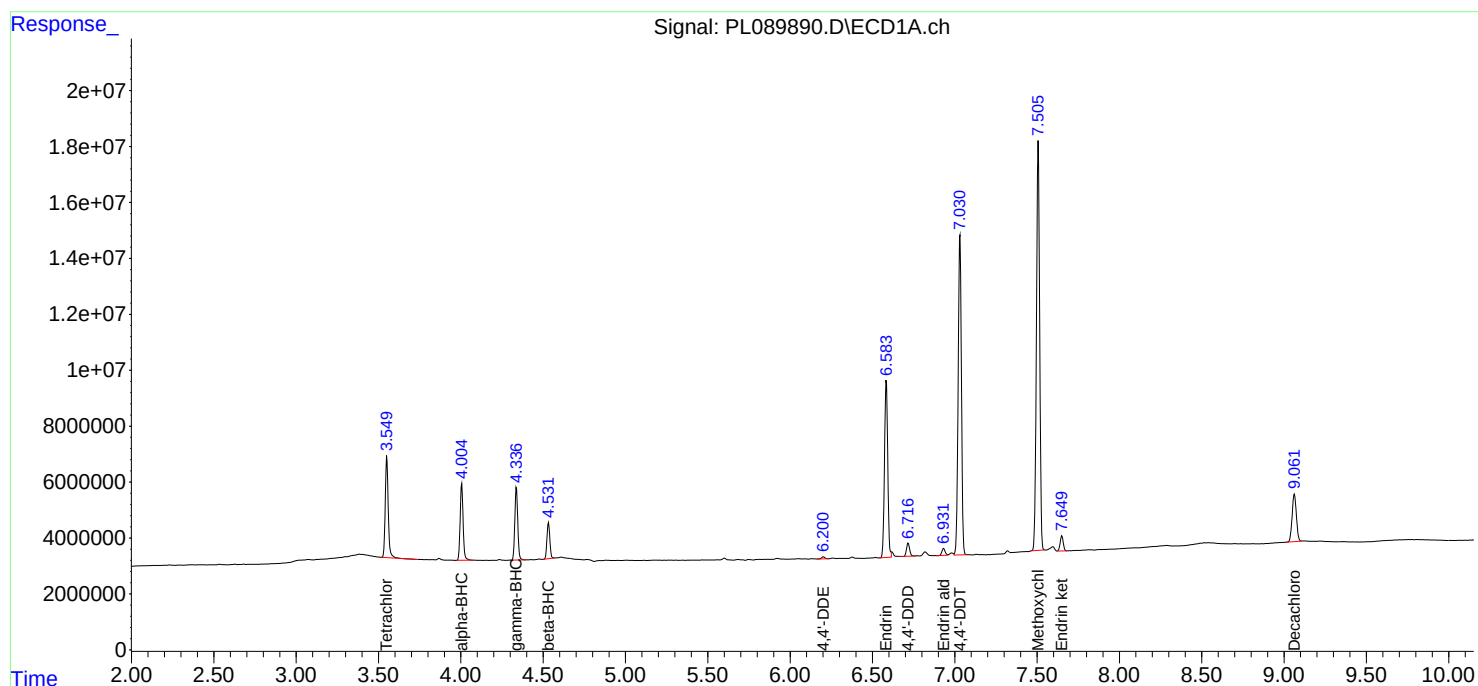
Instrument :
ECD_L
ClientSampleId :
PEM

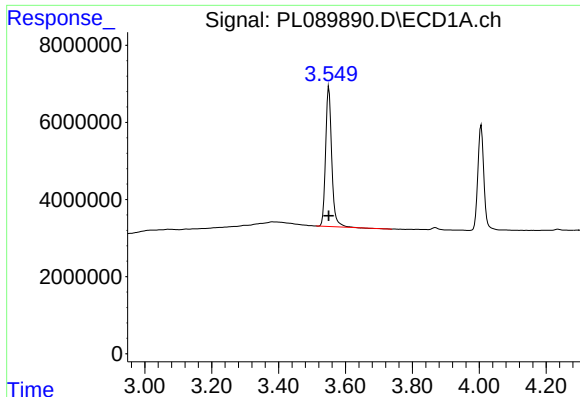
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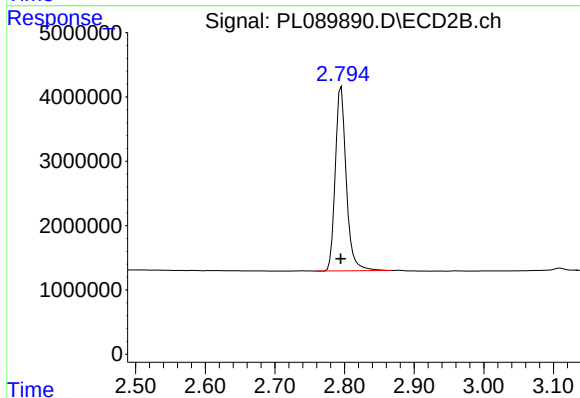
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 45790622
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

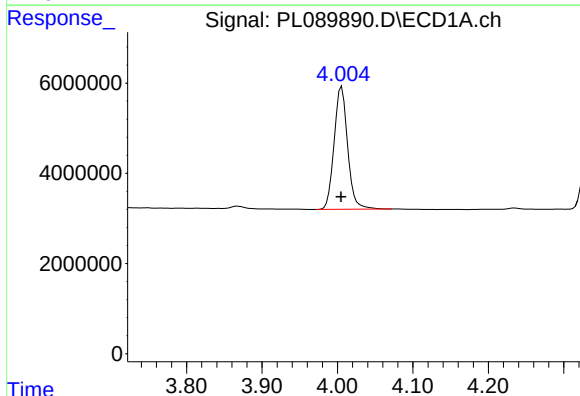
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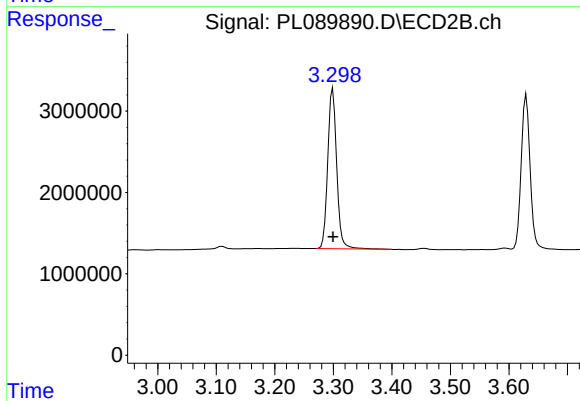
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 31364461
Conc: 21.87 ng/ml



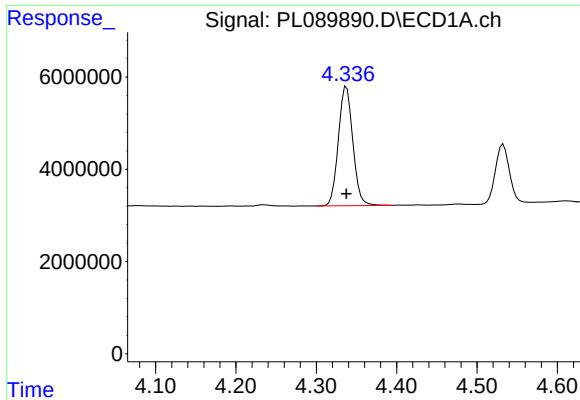
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 33901416
Conc: 11.37 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 21017706
Conc: 9.83 ng/ml



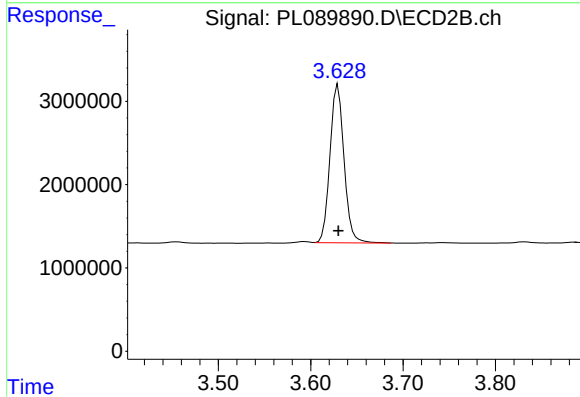
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32327754
Conc: 11.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

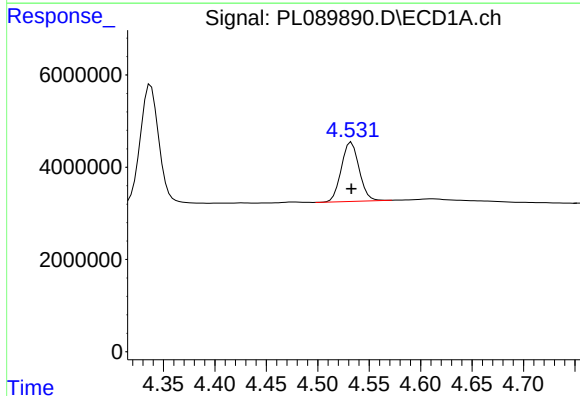
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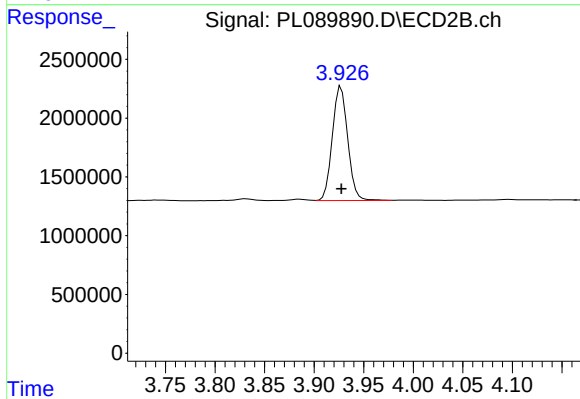
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: -0.002 min
Response: 20106954
Conc: 9.61 ng/ml m



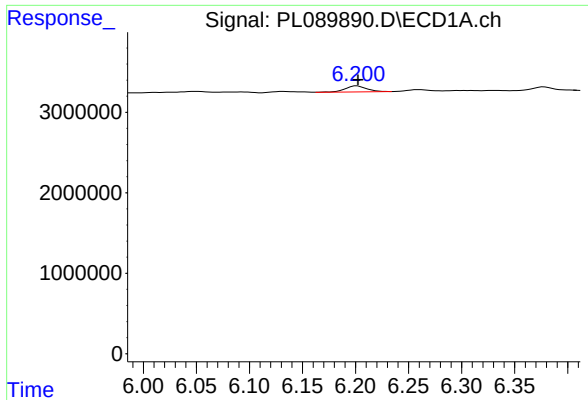
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15454583
Conc: 11.83 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 10478297
Conc: 11.45 ng/ml



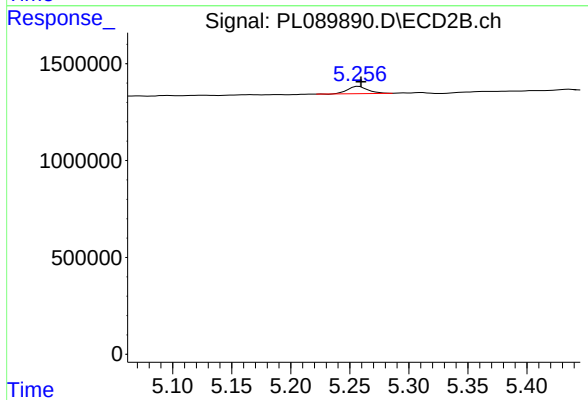
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1046928
Conc: 0.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

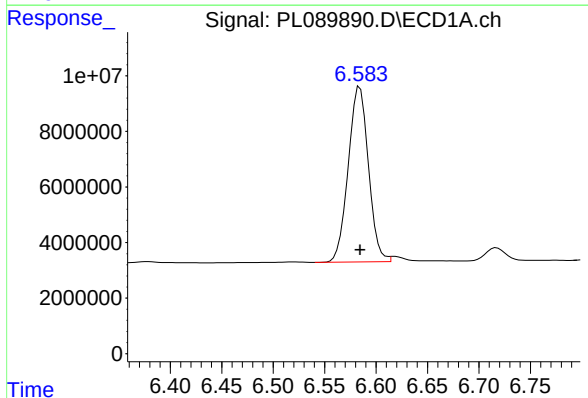
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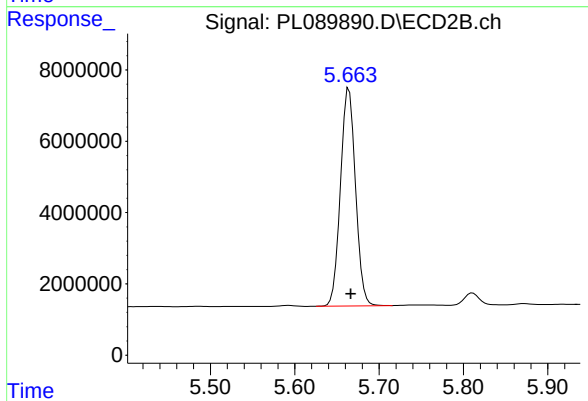
#12 4,4'-DDE

R.T.: 5.258 min
Delta R.T.: -0.002 min
Response: 435915
Conc: 0.26 ng/ml



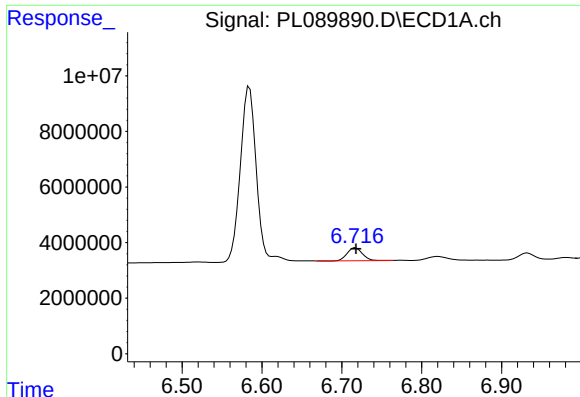
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 86136359
Conc: 42.84 ng/ml



#14 Endrin

R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 75757158
Conc: 46.25 ng/ml



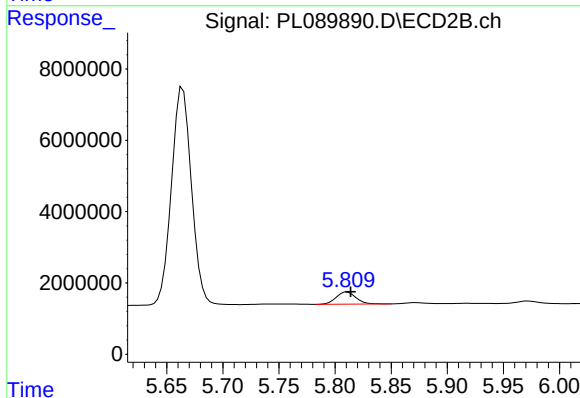
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6230636
Conc: 3.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

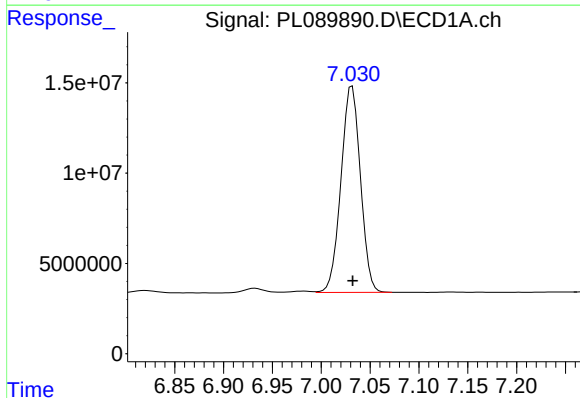
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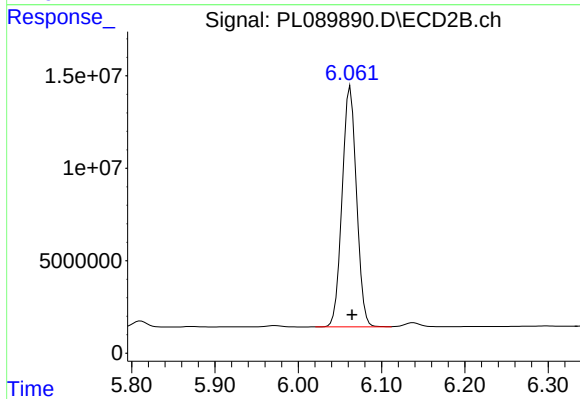
#16 4,4'-DDD

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 4125596
Conc: 2.93 ng/ml



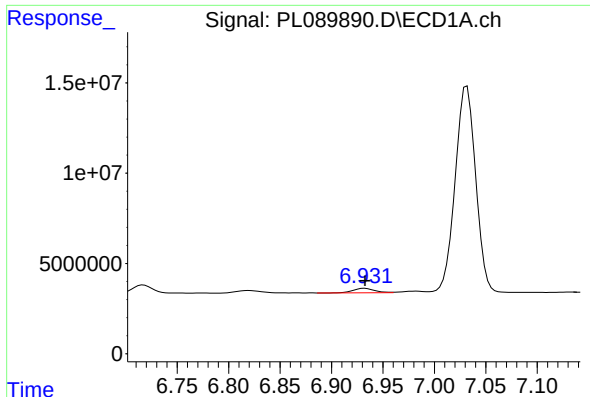
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 158574143
Conc: 86.13 ng/ml



#17 4,4'-DDT

R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 155828083
Conc: 102.61 ng/ml



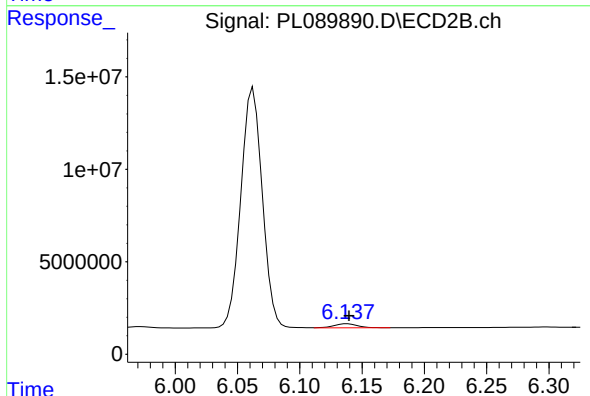
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 3464421
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

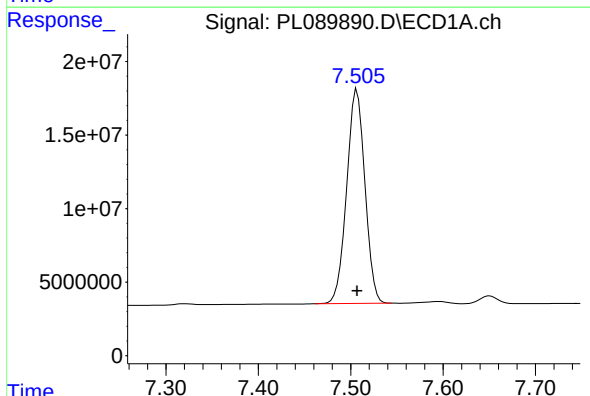
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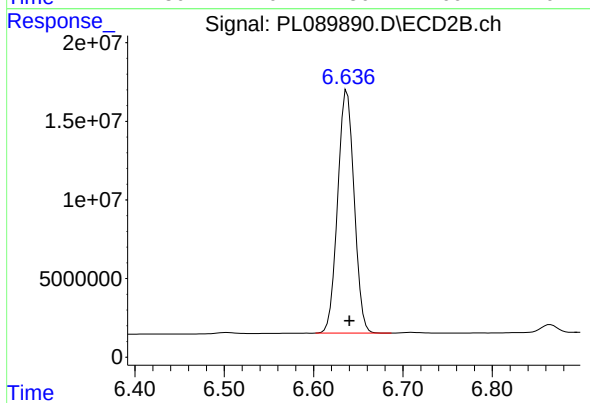
#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 2764989
Conc: 2.28 ng/ml



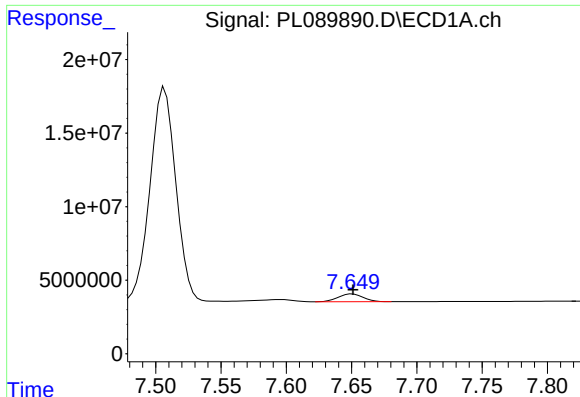
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 199780168
Conc: 203.41 ng/ml



#20 Methoxychlor

R.T.: 6.637 min
Delta R.T.: -0.003 min
Response: 197696357
Conc: 222.24 ng/ml



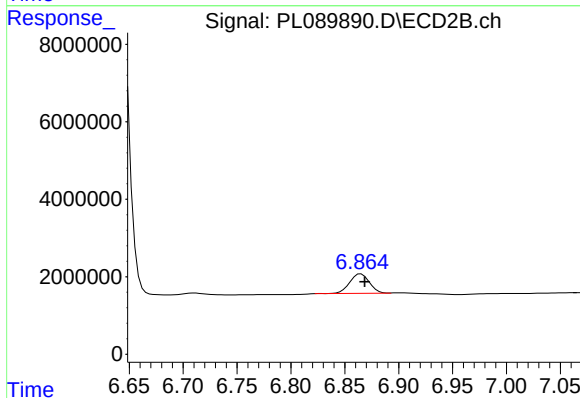
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 7013453
Conc: 3.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

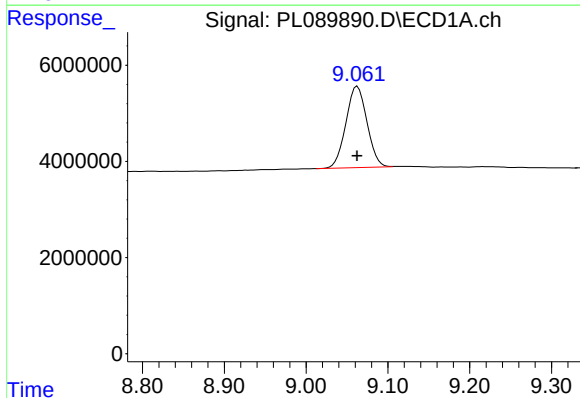
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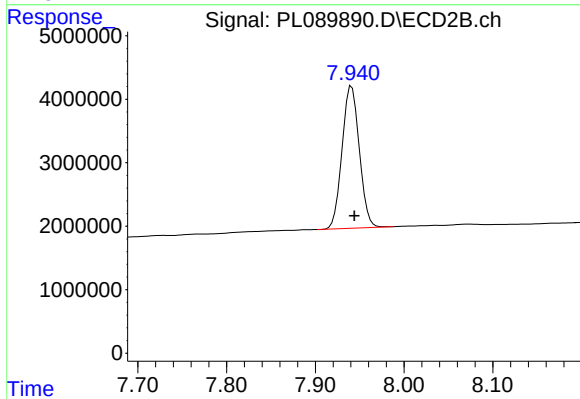
#21 Endrin ketone

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 6426712
Conc: 3.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 30199349
Conc: 20.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.941 min
Delta R.T.: -0.003 min
Response: 30254323
Conc: 20.36 ng/ml