

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052124\
 Data File : PD082904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2024 04:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2024
 Supervised By : Ankita Jodhani 05/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 04:17:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.566	2.778	33898726	90335567	21.896	22.793
28)	SA Decachlor...	9.120	7.904	41449344	84331862	20.757	21.817
Target Compounds							
2)	A alpha-BHC	4.023	3.276	27279574	66411725	9.959	10.646
3)	MA gamma-BHC...	4.357	3.604	26482197	61214422	10.019	10.358
6)	B beta-BHC	4.553	3.899	11801628	27970176	11.268	11.712m
12)	B 4,4'-DDE	6.228	5.225	199447	1186405	0.091m	0.254m#
14)	MA Endrin	6.613	5.631	84128840	221.7E6	44.713m	50.694
16)	A 4,4'-DDD	6.746	5.778	2049966	5261340	1.282	1.399
17)	MA 4,4'-DDT	7.062	6.029	162.4E6	423.0E6	96.222	110.303
18)	B Endrin al...	6.963	6.105	2613643	7850594	1.867	2.515 #
20)	A Methoxychlor	7.538	6.603	214.9E6	497.0E6	234.421	244.580
21)	B Endrin ke...	7.686	6.831	5458149	14888030	2.840	3.275

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

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Data File : PD082904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2024 04:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

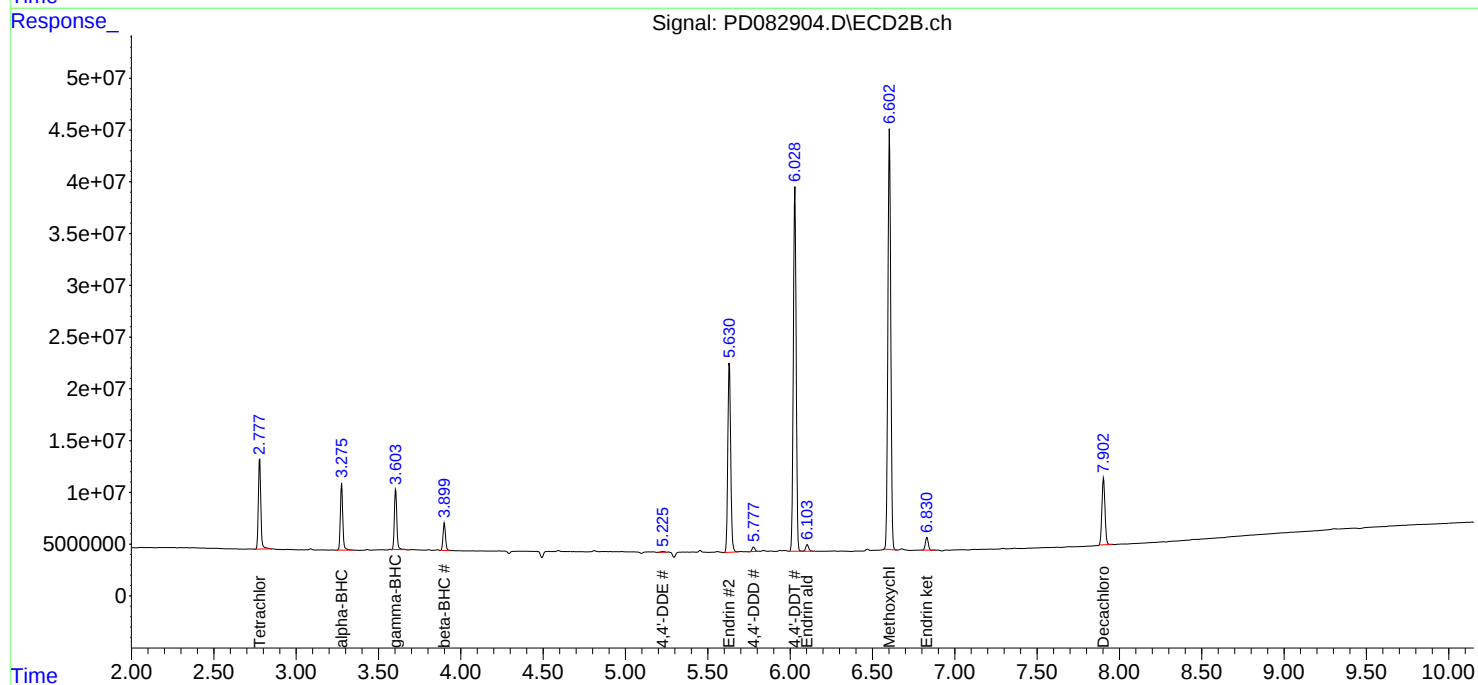
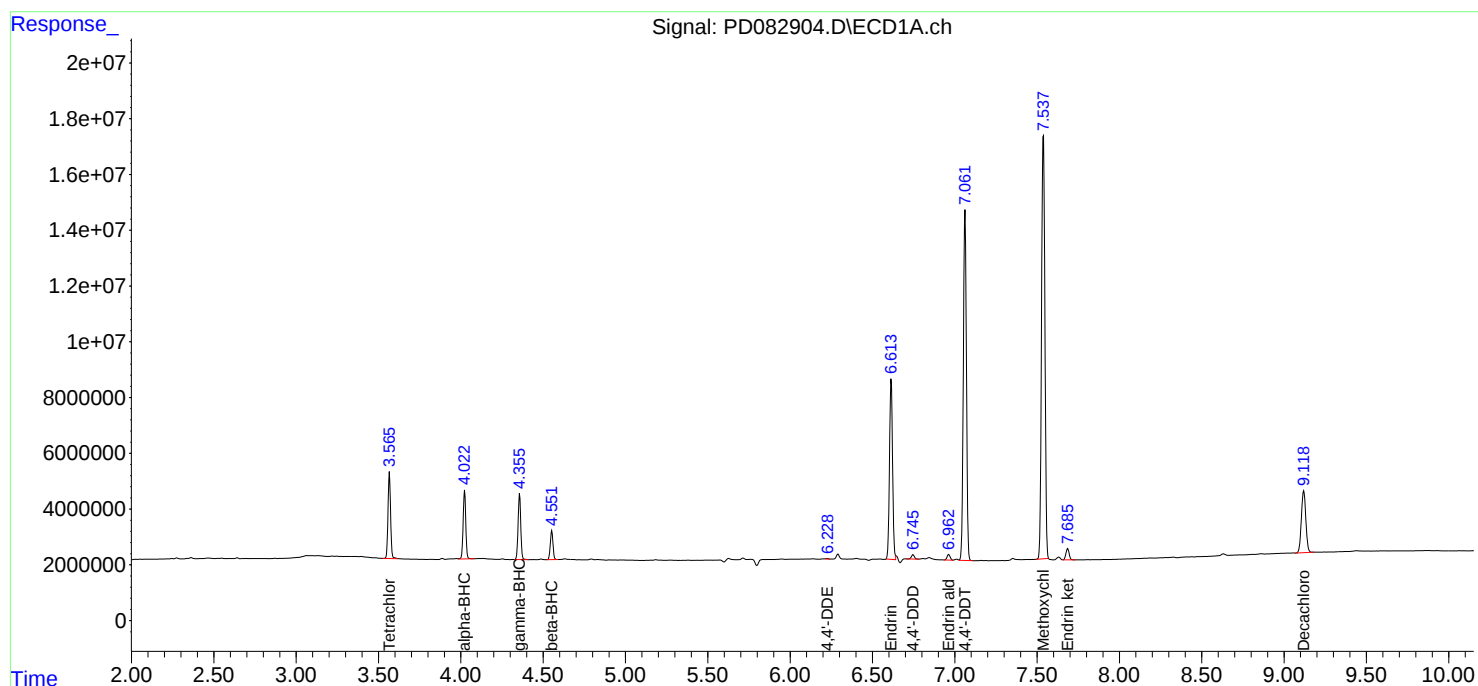
Instrument :
ECD_D
ClientSampleId :
PEM

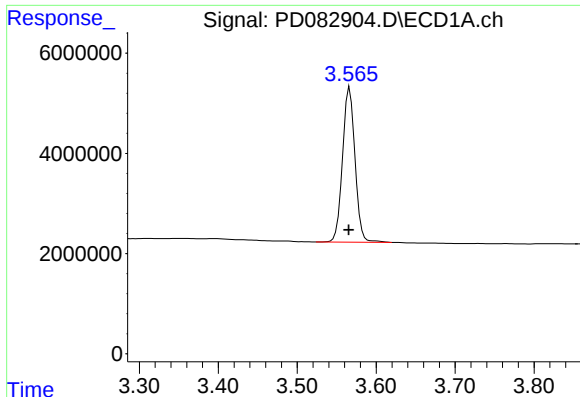
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





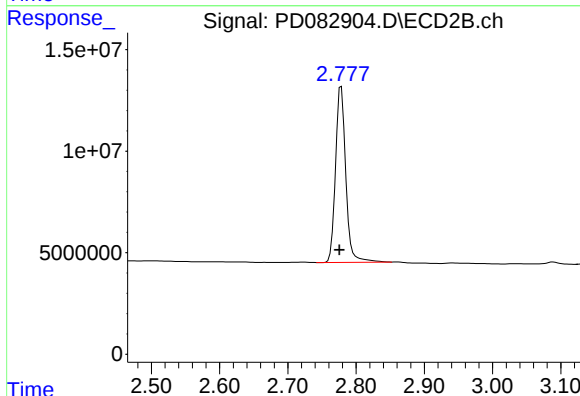
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.001 min
Response: 33898726
Conc: 21.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

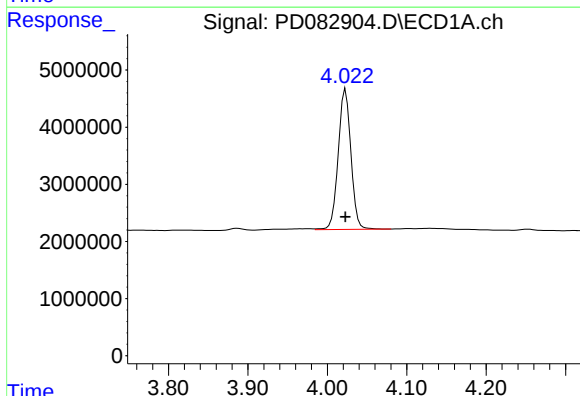
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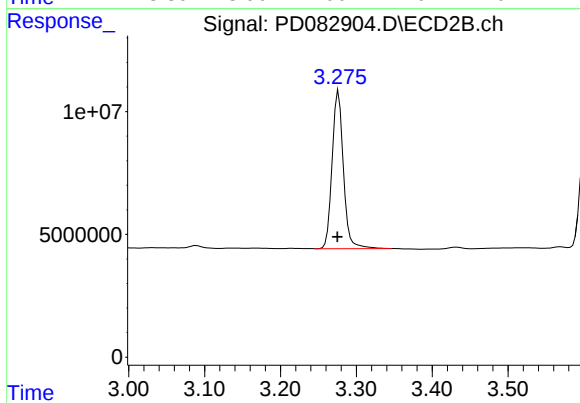
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.003 min
Response: 90335567
Conc: 22.79 ng/ml



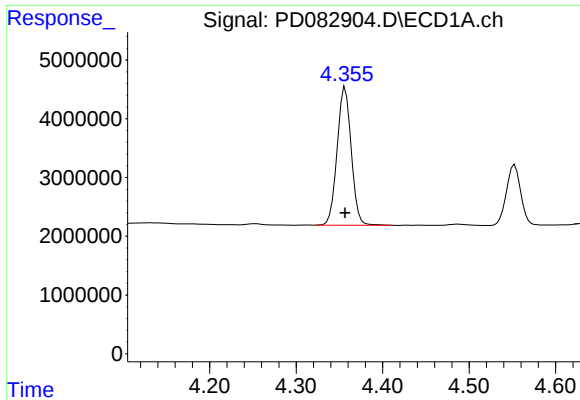
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 27279574
Conc: 9.96 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.001 min
Response: 66411725
Conc: 10.65 ng/ml



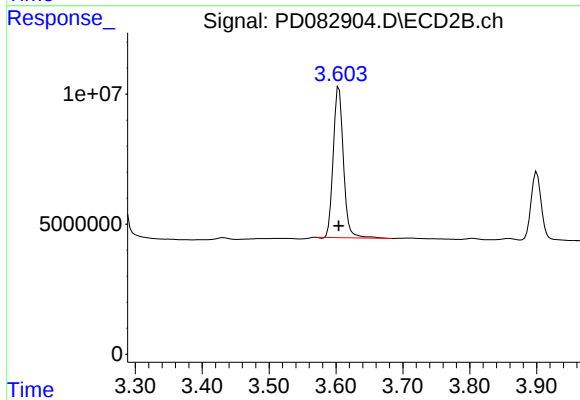
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 26482197
Conc: 10.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

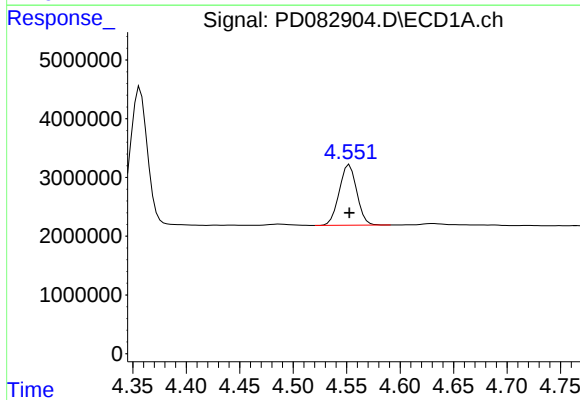
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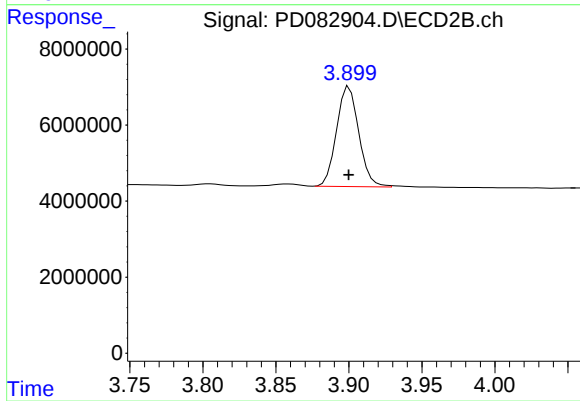
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 61214422
Conc: 10.36 ng/ml



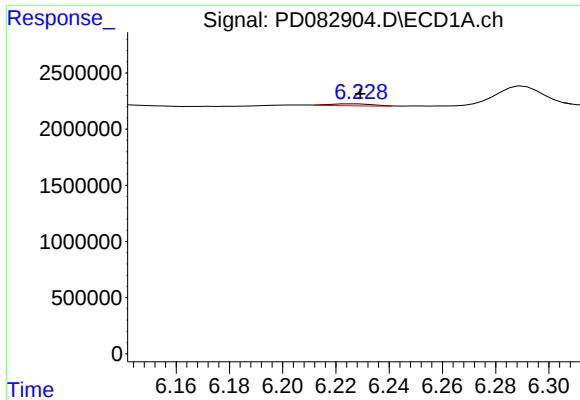
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 11801628
Conc: 11.27 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 27970176
Conc: 11.71 ng/ml m



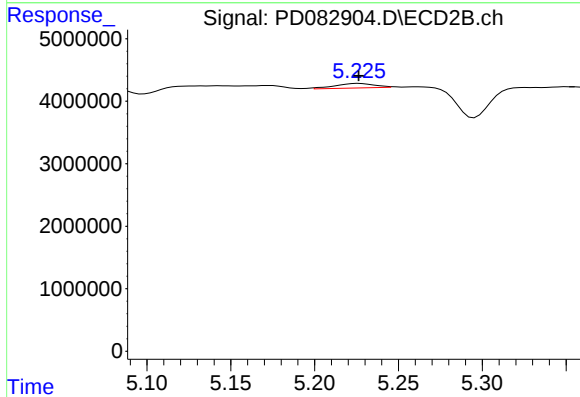
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 199447
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

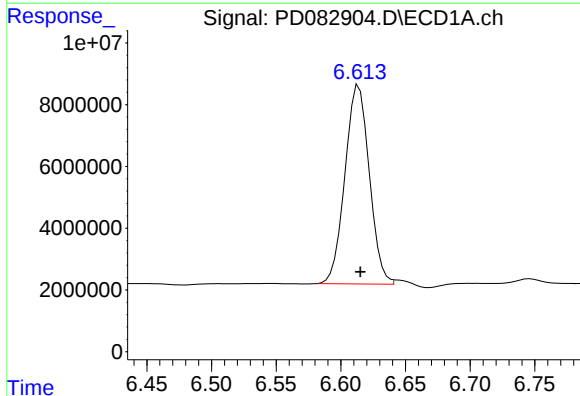
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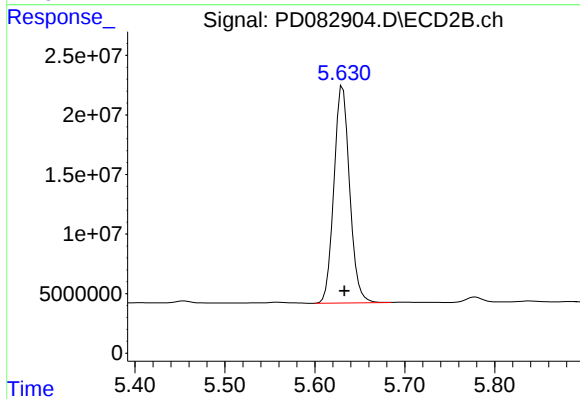
#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 1186405
Conc: 0.25 ng/ml m



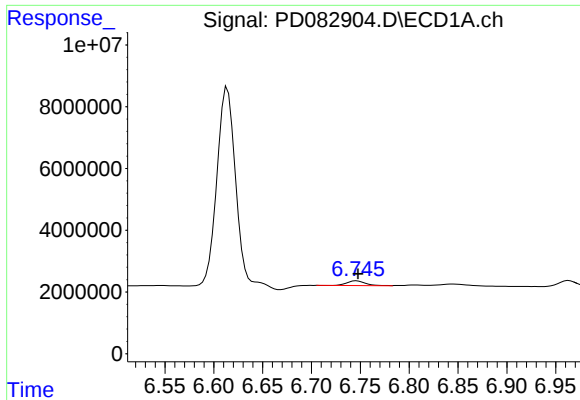
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 84128840
Conc: 44.71 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 221674571
Conc: 50.69 ng/ml



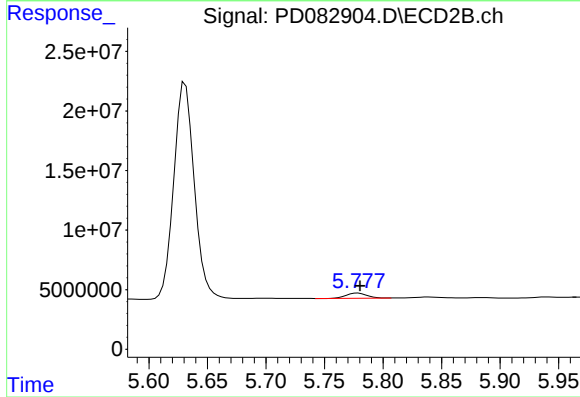
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.001 min
Response: 2049966
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

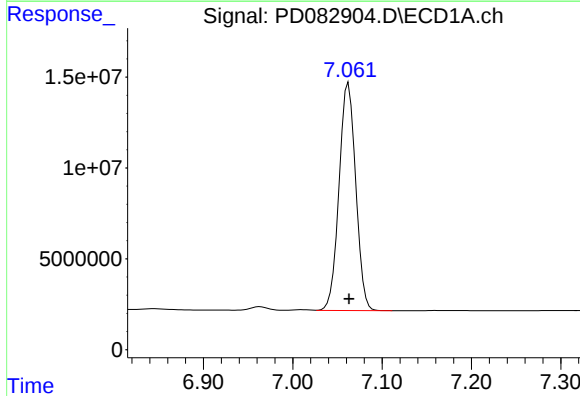
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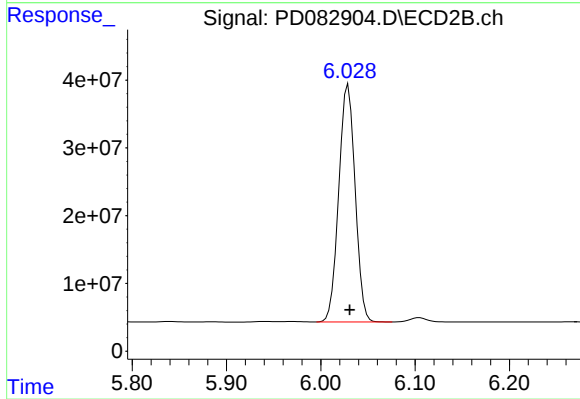
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 5261340
Conc: 1.40 ng/ml



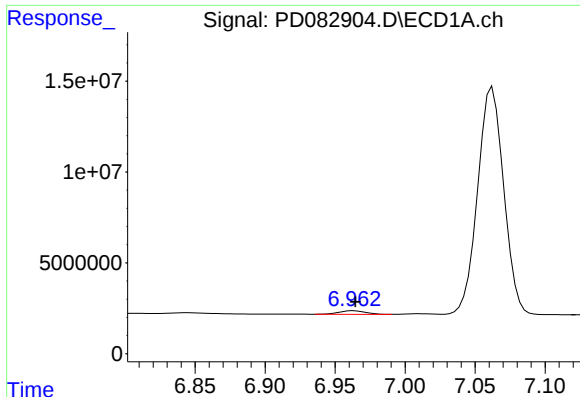
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 162430839
Conc: 96.22 ng/ml



#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 422978192
Conc: 110.30 ng/ml



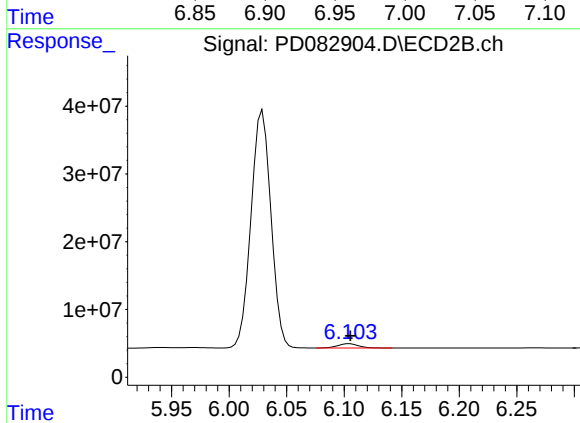
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 2613643
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

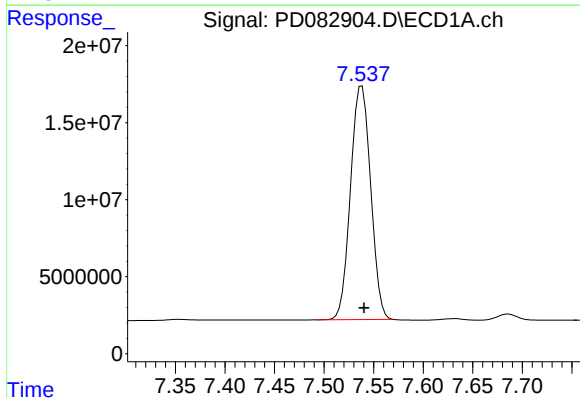
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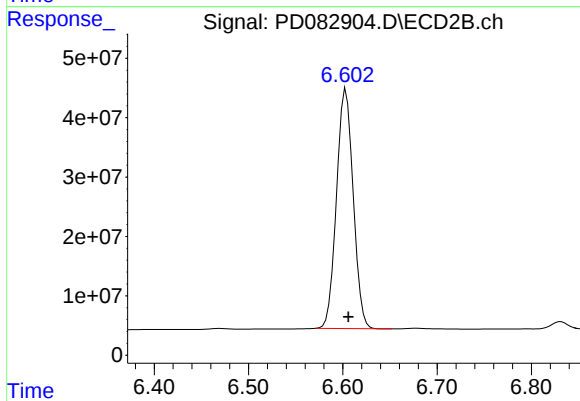
#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 7850594
Conc: 2.51 ng/ml



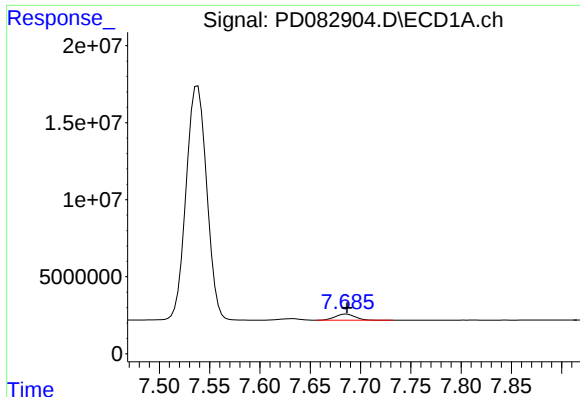
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 214883333
Conc: 234.42 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.002 min
Response: 496973016
Conc: 244.58 ng/ml



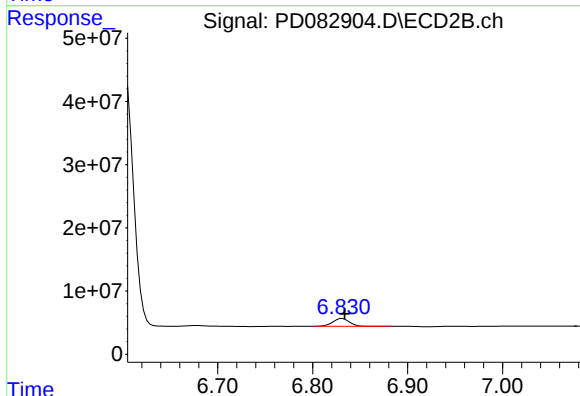
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 5458149
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

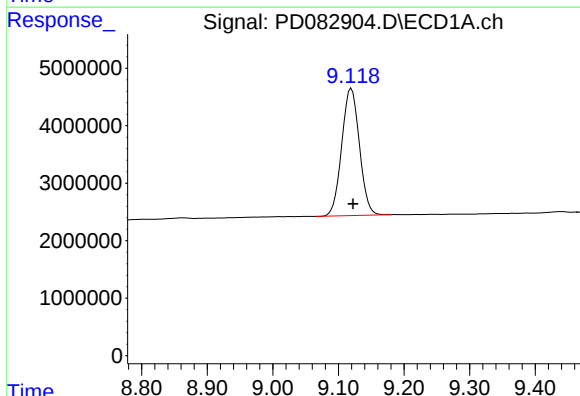
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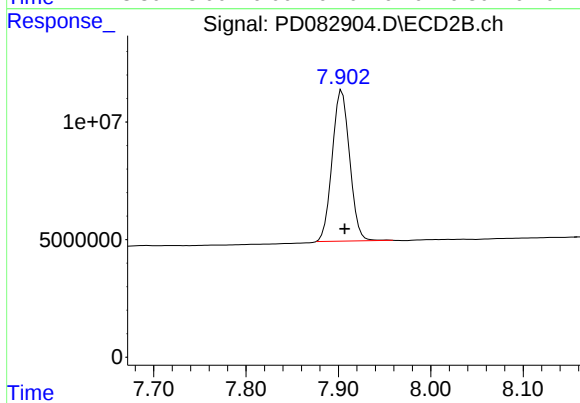
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 14888030
Conc: 3.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.003 min
Response: 41449344
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 84331862
Conc: 21.82 ng/ml