

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101124\
 Data File : PD085966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 10:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 14:00:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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...	3.442	2.876	23528894	125.3E6	19.381	20.079
28)	SA Decachlor...	8.898	8.057	42807310	104.2E6	19.823	19.570
Target Compounds							
2)	A alpha-BHC	3.885	3.386	19101711	95672030	8.822	10.471
3)	MA gamma-BHC...	4.212	3.720	20007604	86375202	9.010	10.071
6)	B beta-BHC	4.399	4.014	9053685	41556196	10.169	11.261
12)	B 4,4'-DDE	6.074	5.363	825697	5080148	0.477m	0.748m#
14)	MA Endrin	6.442	5.776	74463853	265.4E6	43.720	42.661
16)	A 4,4'-DDD	6.581	5.918	1052636	5711141	0.770	1.101 #
17)	MA 4,4'-DDT	6.893	6.169	146.7E6	468.9E6	98.631	88.816
18)	B Endrin al...	6.784	6.245	3026687	17867189	2.002m	3.408m#
20)	A Methoxychlor	7.366	6.739	206.1E6	493.2E6	228.693	184.497
21)	B Endrin ke...	7.496	6.980	4066843	21426568	2.114	3.098 #

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

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Acq On : 11 Oct 2024 10:48
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

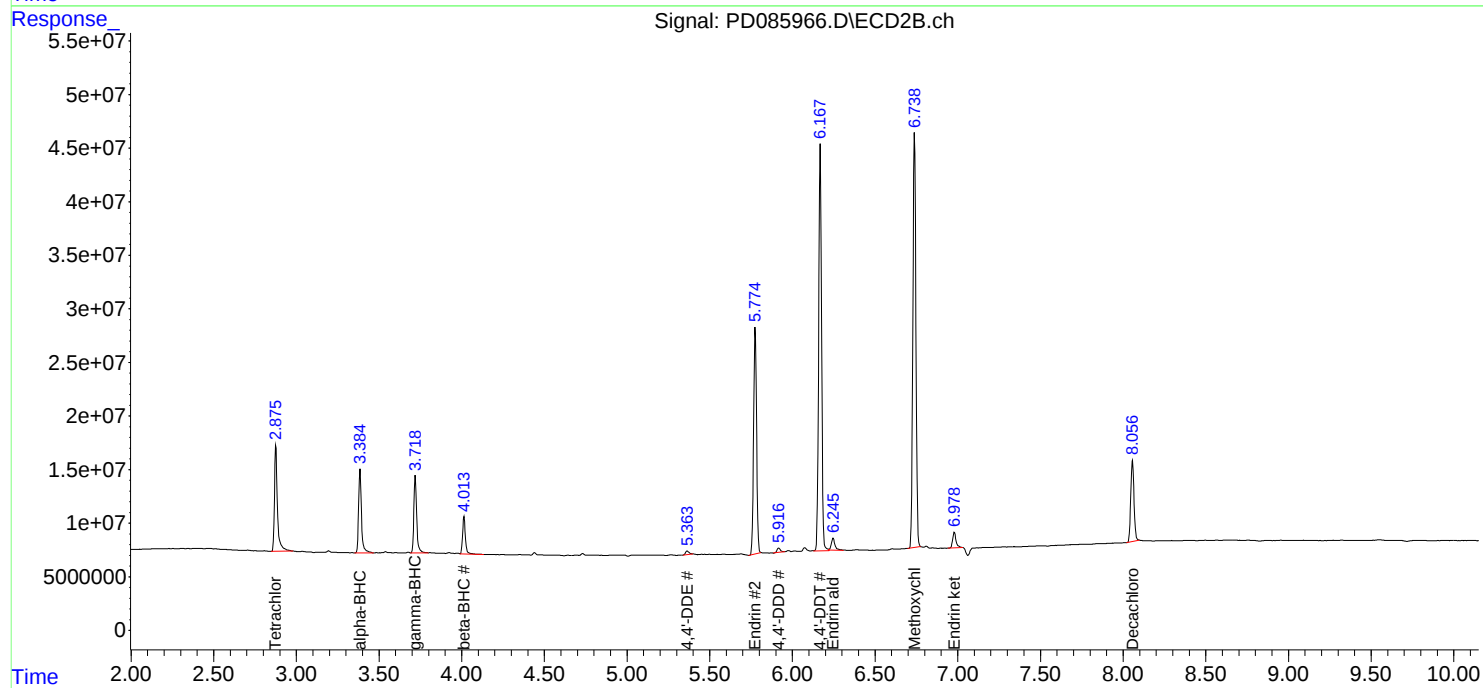
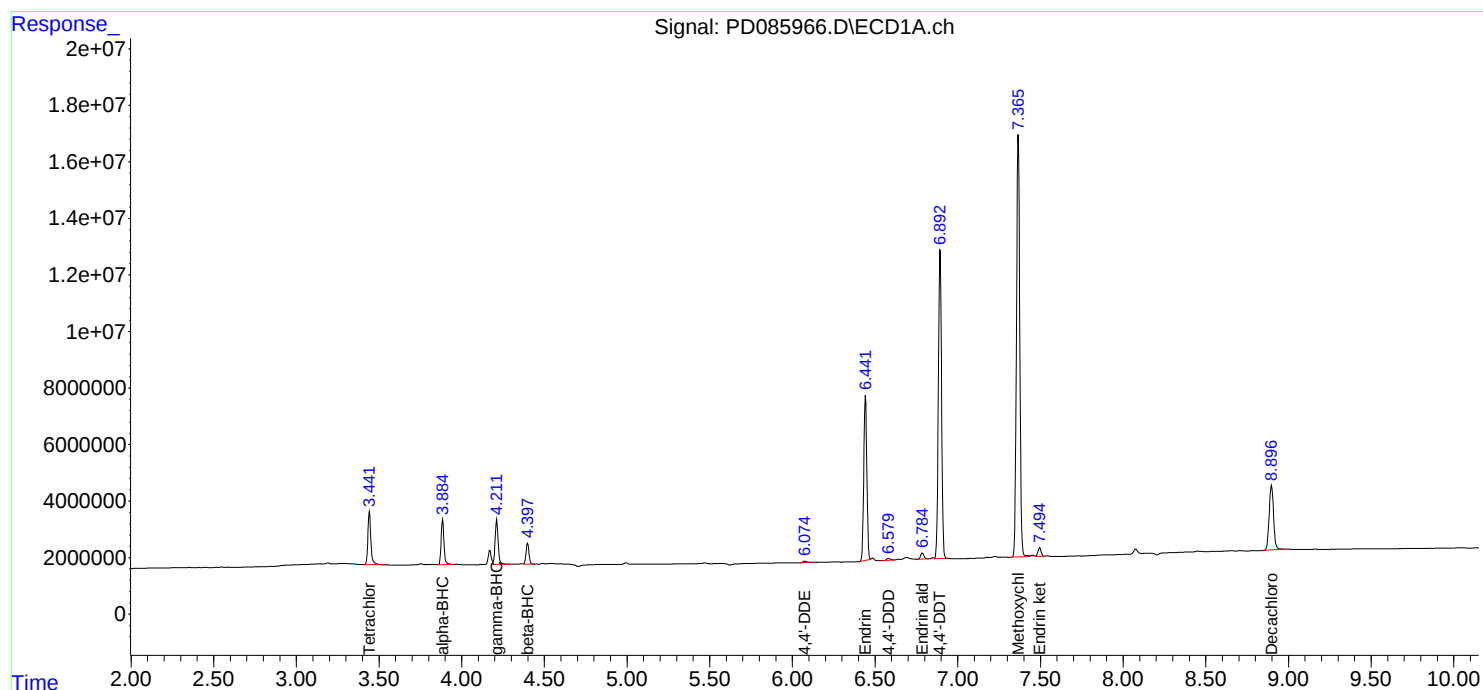
Instrument :
ECD_D
ClientSampleId :
PEM

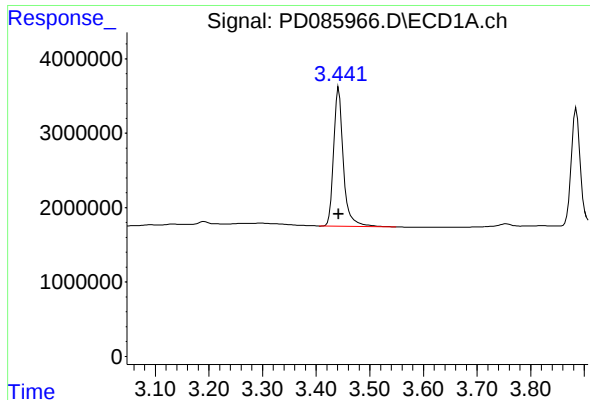
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 14:00:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
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Volume 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





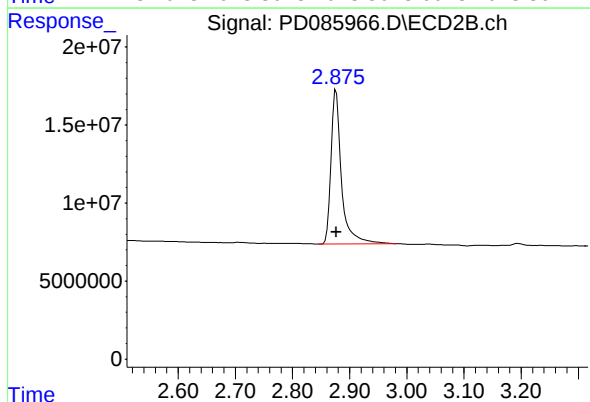
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 23528894
Conc: 19.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

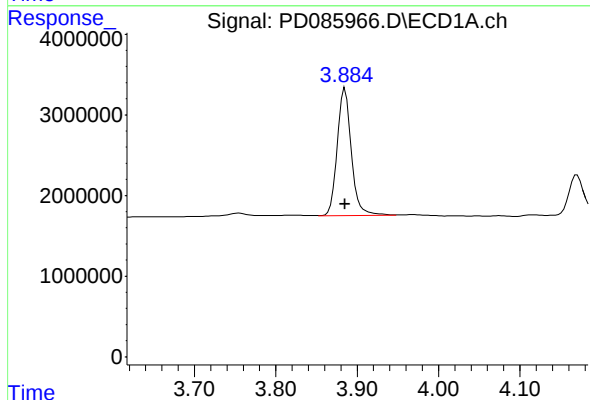
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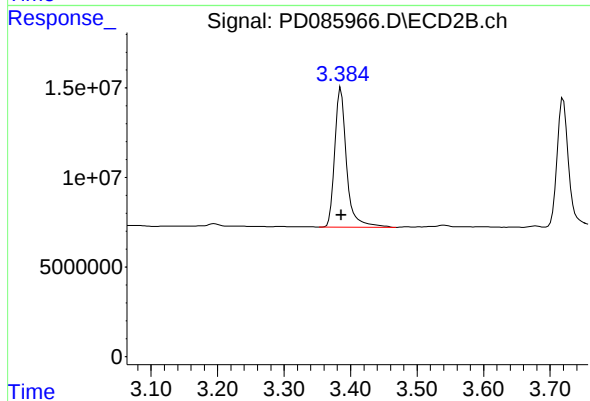
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 125349061
Conc: 20.08 ng/ml



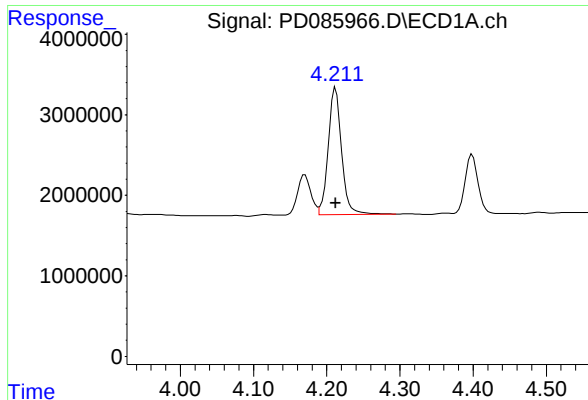
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 19101711
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 95672030
Conc: 10.47 ng/ml



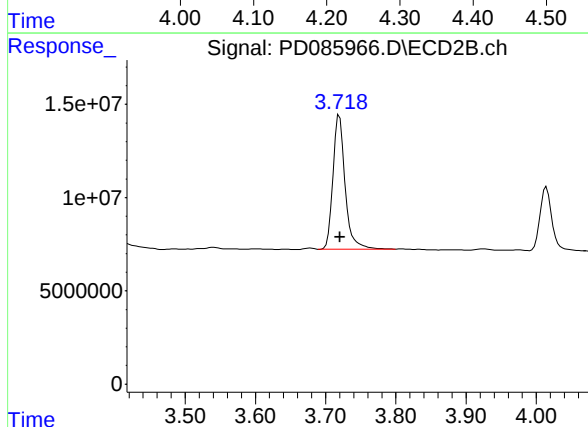
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 20007604
Conc: 9.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

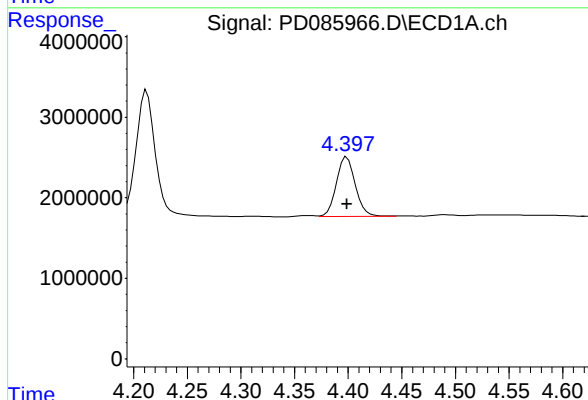
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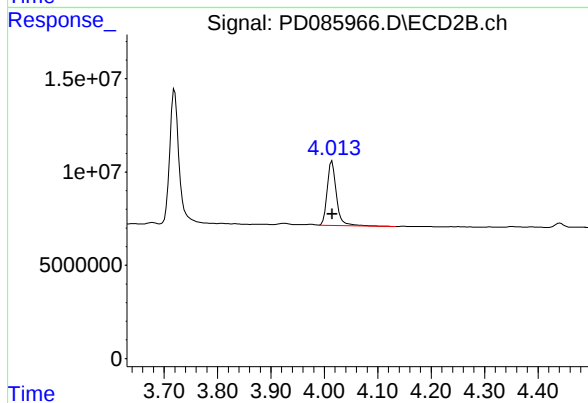
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 86375202
Conc: 10.07 ng/ml



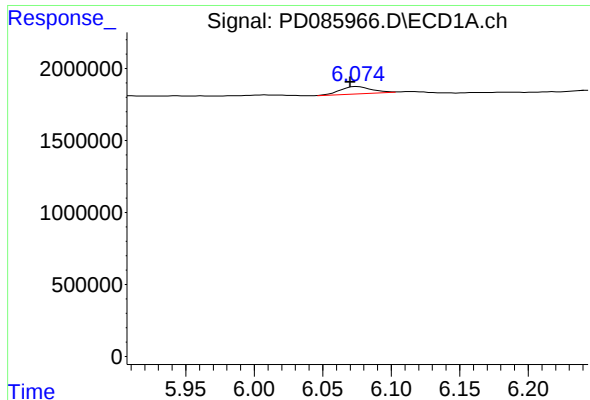
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: 0.000 min
Response: 9053685
Conc: 10.17 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 41556196
Conc: 11.26 ng/ml



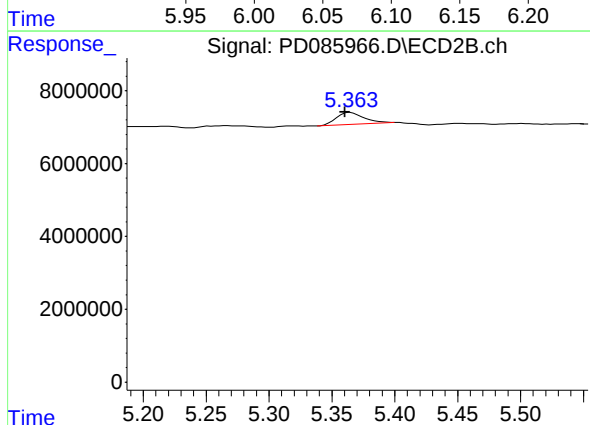
#12 4,4'-DDE

R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 825697
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

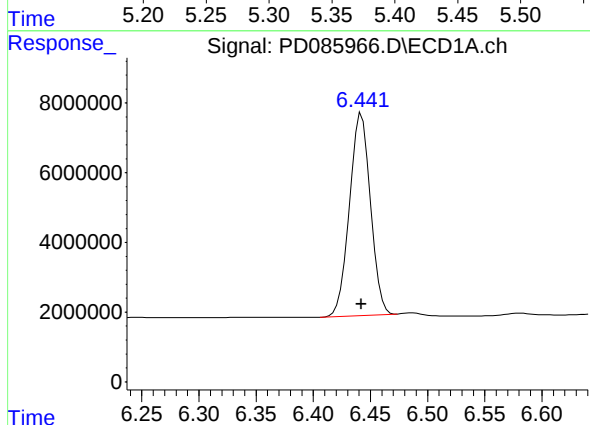
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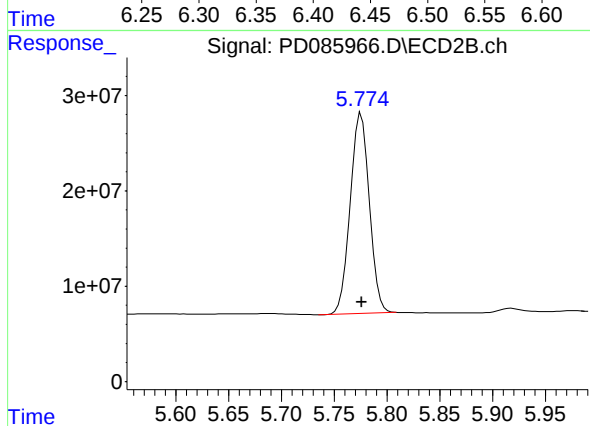
#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 5080148
Conc: 0.75 ng/ml



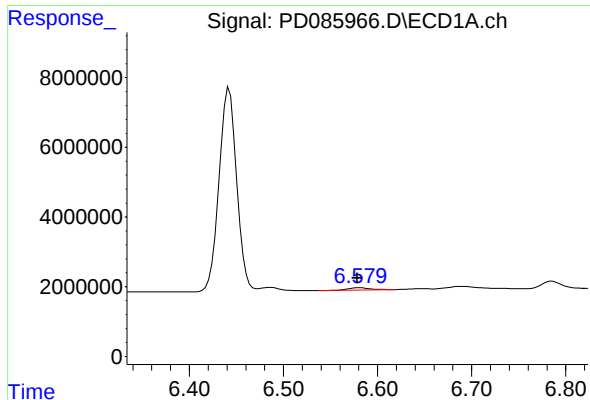
#14 Endrin

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 74463853
Conc: 43.72 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 265375238
Conc: 42.66 ng/ml



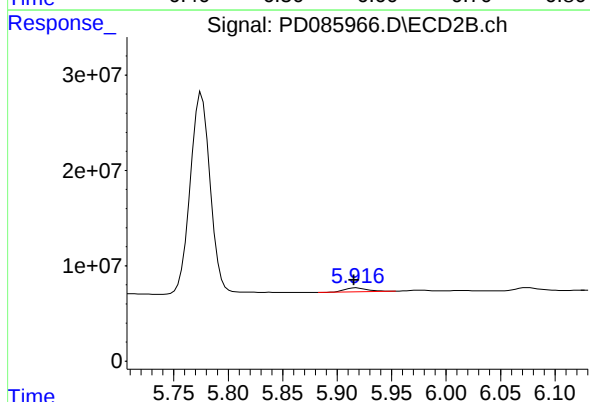
#16 4,4'-DDD

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 1052636
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

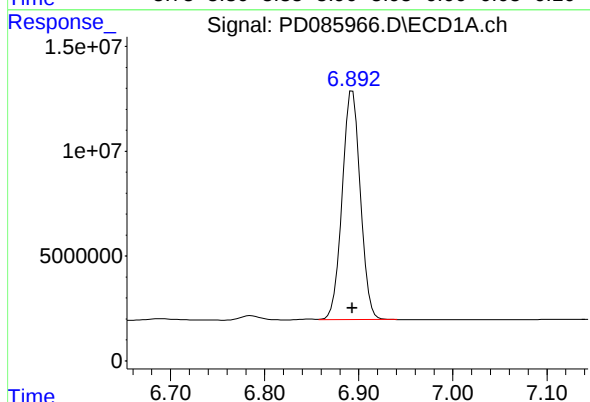
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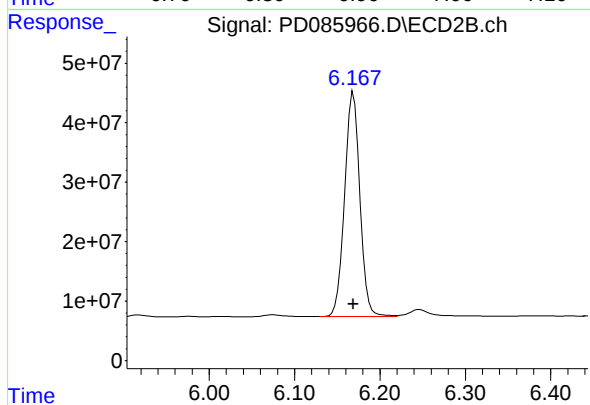
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: 0.002 min
Response: 5711141
Conc: 1.10 ng/ml



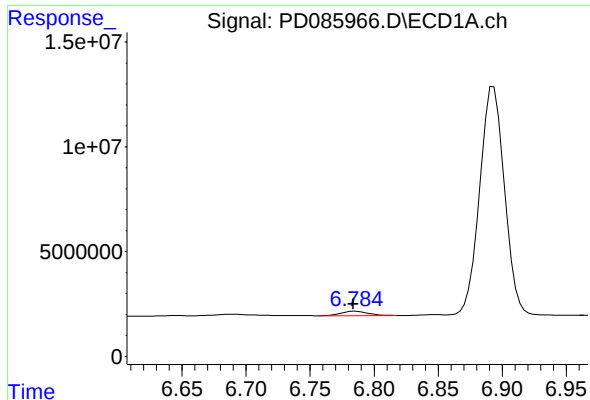
#17 4,4'-DDT

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 146726263
Conc: 98.63 ng/ml



#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 468946227
Conc: 88.82 ng/ml



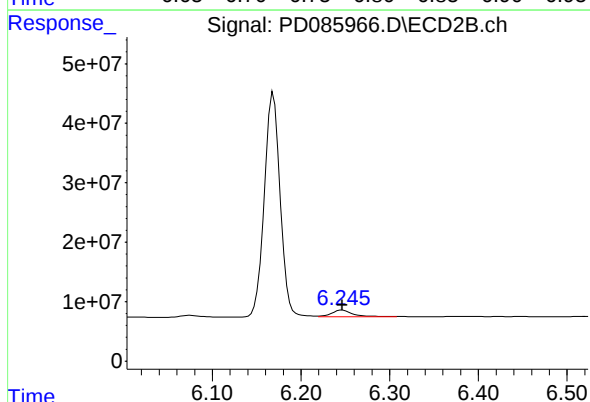
#18 Endrin aldehyde

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 3026687
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

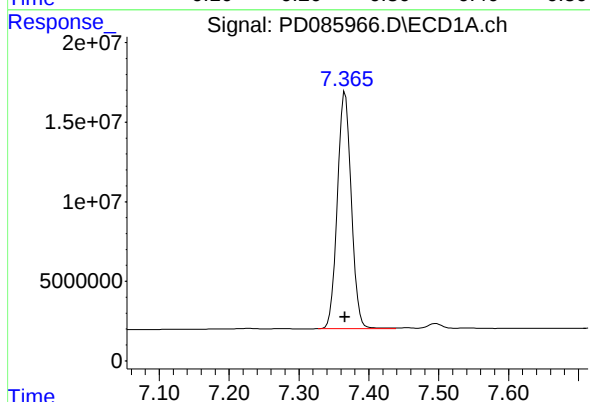
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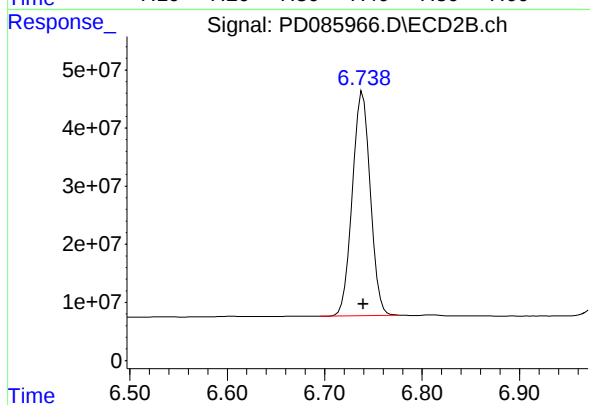
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 17867189
Conc: 3.41 ng/ml



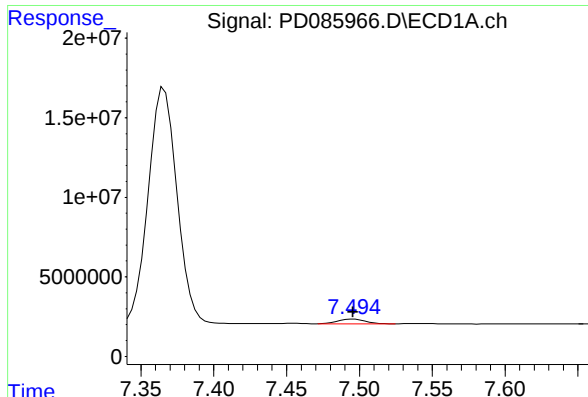
#20 Methoxychlor

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 206068916
Conc: 228.69 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 493234268
Conc: 184.50 ng/ml



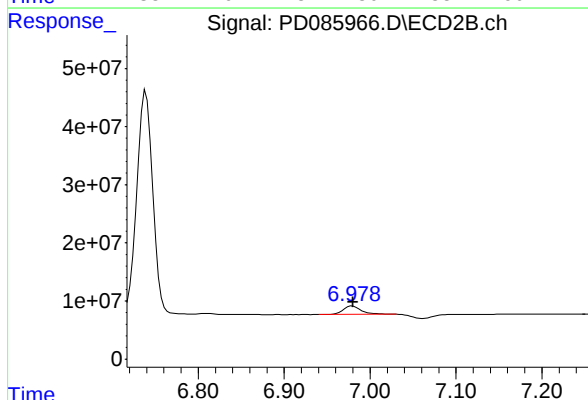
#21 Endrin ketone

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 4066843
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

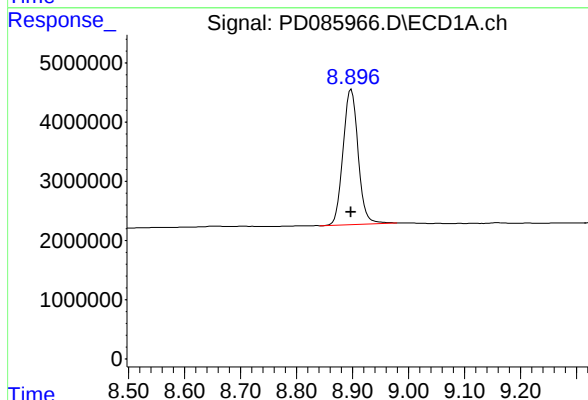
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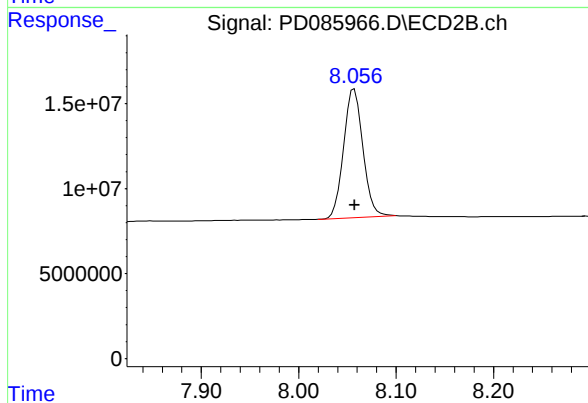
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 21426568
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.898 min
Delta R.T.: 0.000 min
Response: 42807310
Conc: 19.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 104240635
Conc: 19.57 ng/ml