

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072924\
 Data File : PD084110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2024 08:53
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2024
 Supervised By : Ankita Jodhani 07/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 02:35:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.562	2.771	19266503	115.8E6	18.843	20.148
28)	SA Decachlor...	9.118	7.896	39573534	125.7E6	17.335	19.573
Target Compounds							
2)	A alpha-BHC	4.020	3.270	16925148	90399373	8.616	10.197
3)	MA gamma-BHC...	4.354	3.599	17276539	83785505	8.940	10.479
6)	B beta-BHC	4.552	3.896	7703012	39838334	9.711	11.322
12)	B 4,4'-DDE	6.227	5.219	220154	1616838	0.110m	0.227m#
14)	MA Endrin	6.612	5.625	72135451	290.7E6	40.415	43.965
16)	A 4,4'-DDD	6.746	5.771	898396	4940874	0.593	0.892m#
17)	MA 4,4'-DDT	7.061	6.022	150.7E6	566.1E6	87.752	98.690
18)	B Endrin al...	6.963	6.098	1989983	10104455	1.355	2.014m#
20)	A Methoxychlor	7.538	6.595	204.4E6	594.3E6	207.397	201.485m
21)	B Endrin ke...	7.685	6.826	4592355	22139654	2.224	3.270 #

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

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Acq On : 29 Jul 2024 08:53
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

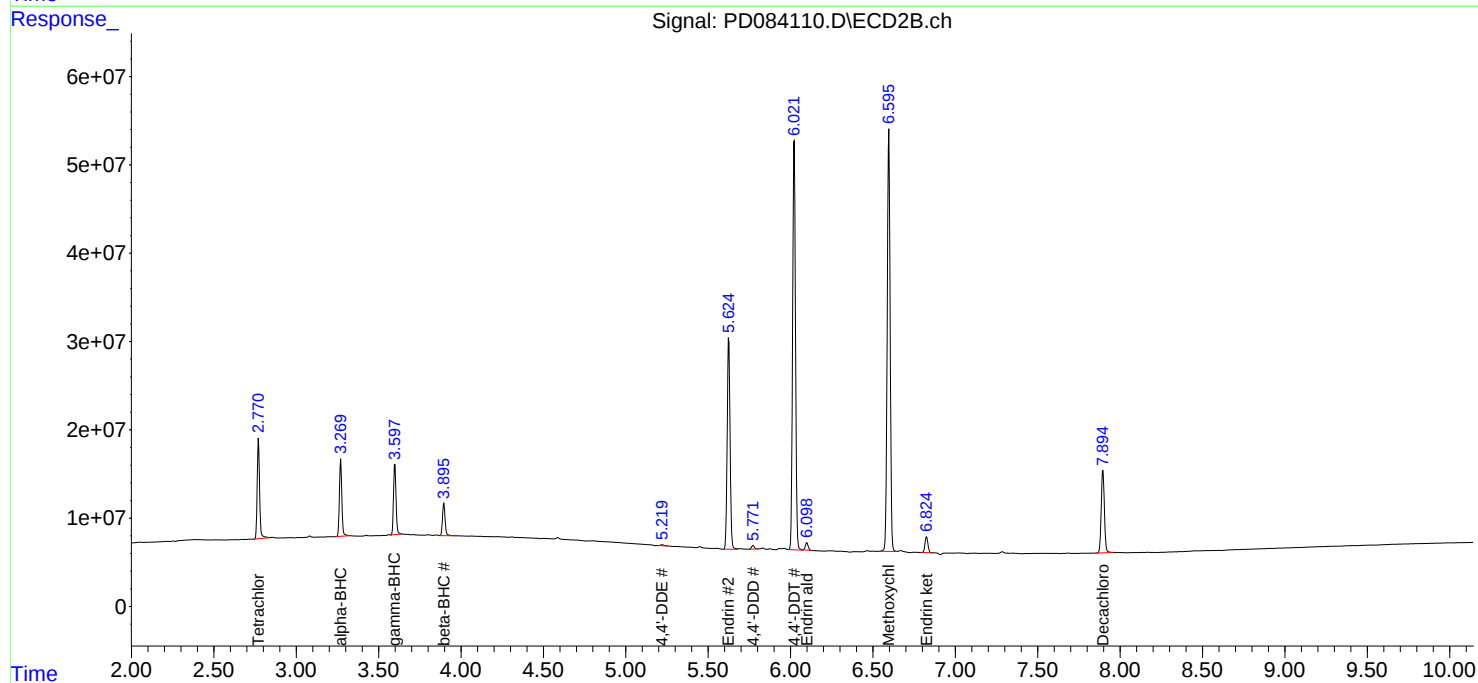
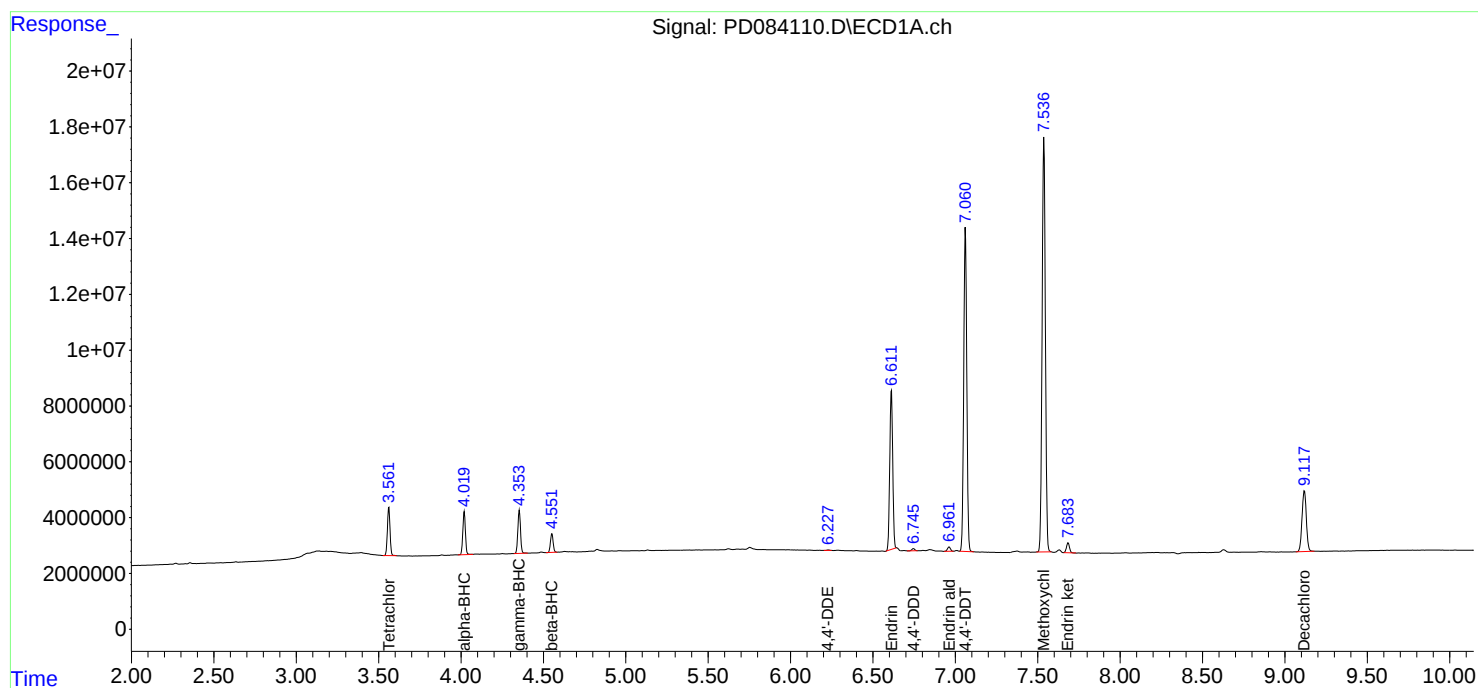
Instrument :
ECD_D
ClientSampleId :
PEM

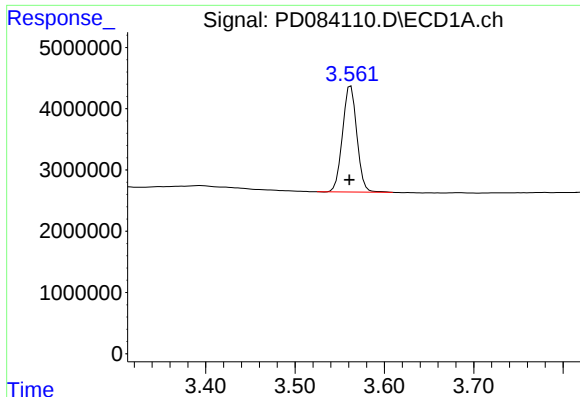
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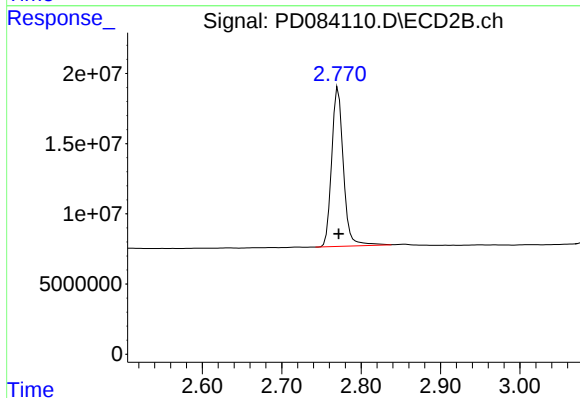
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.001 min
Response: 19266503
Conc: 18.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

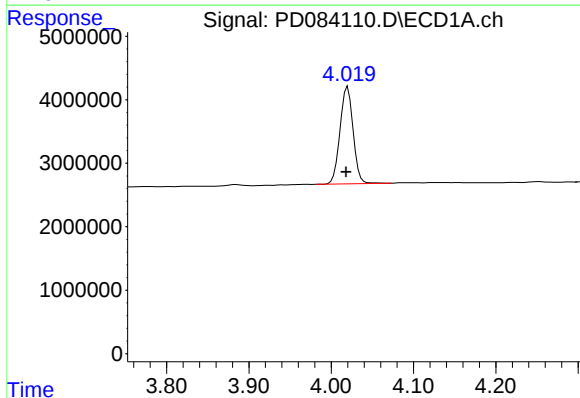
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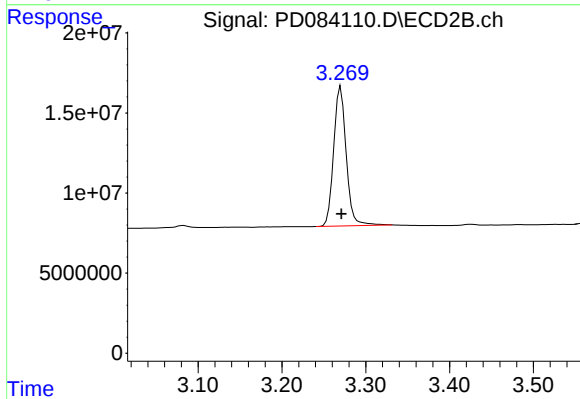
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 115843350
Conc: 20.15 ng/ml



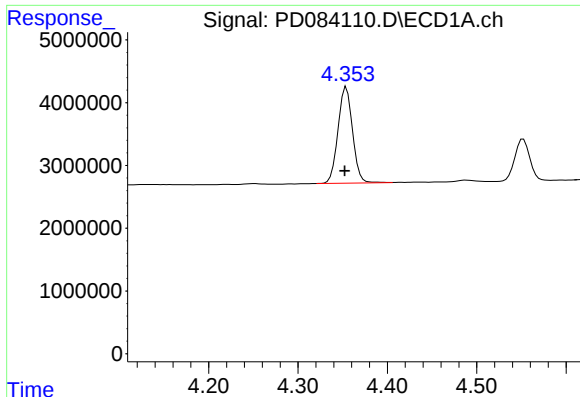
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.002 min
Response: 16925148
Conc: 8.62 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 90399373
Conc: 10.20 ng/ml



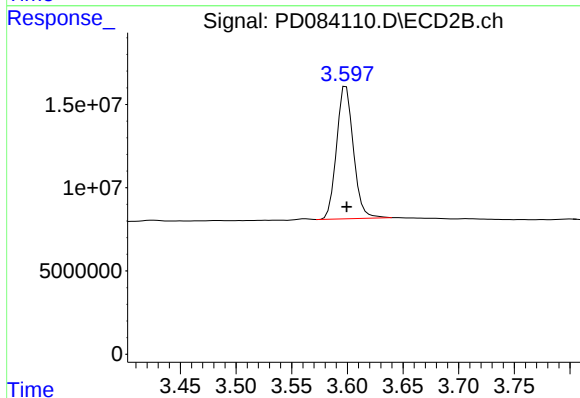
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.002 min
Response: 17276539
Conc: 8.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

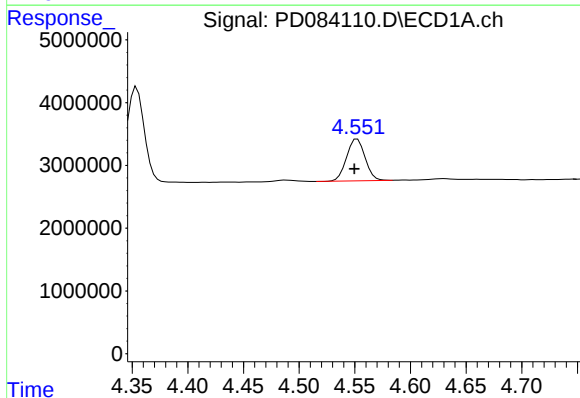
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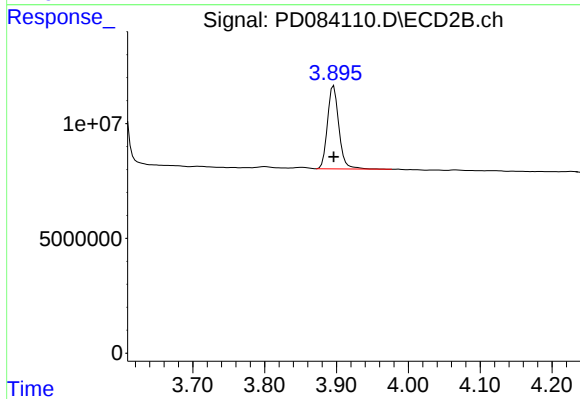
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 83785505
Conc: 10.48 ng/ml



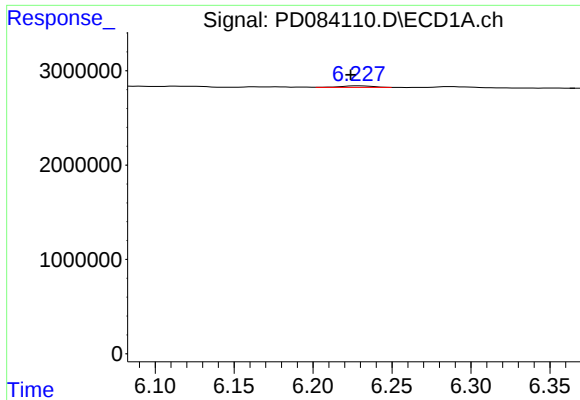
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.003 min
Response: 7703012
Conc: 9.71 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 39838334
Conc: 11.32 ng/ml



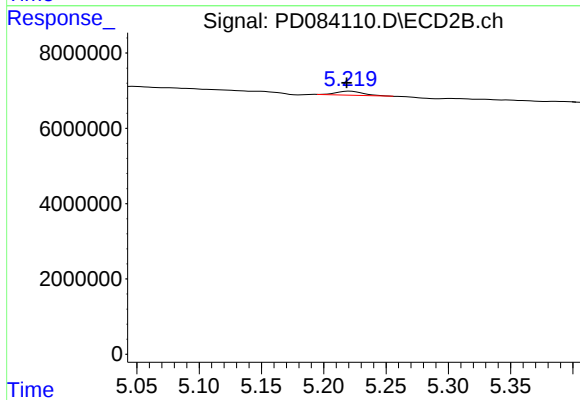
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 220154
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

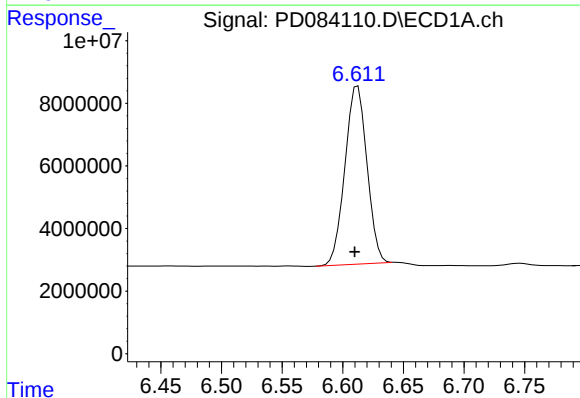
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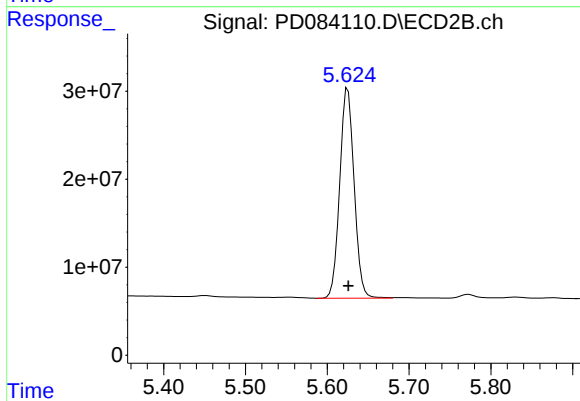
#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.001 min
Response: 1616838
Conc: 0.23 ng/ml m



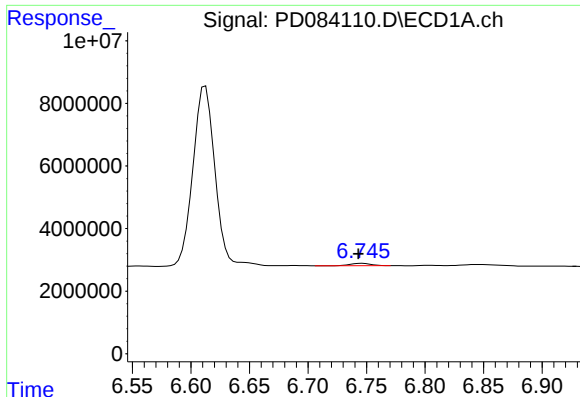
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 72135451
Conc: 40.41 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 290742543
Conc: 43.96 ng/ml



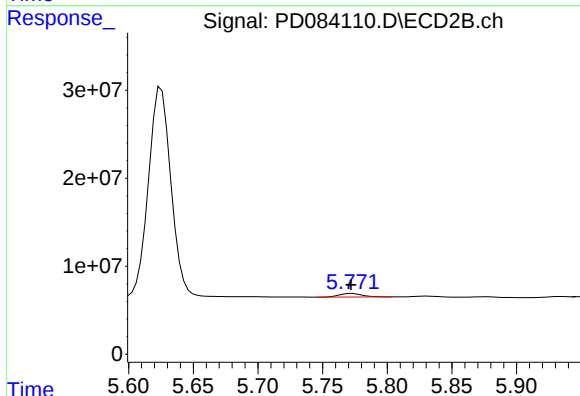
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 898396
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

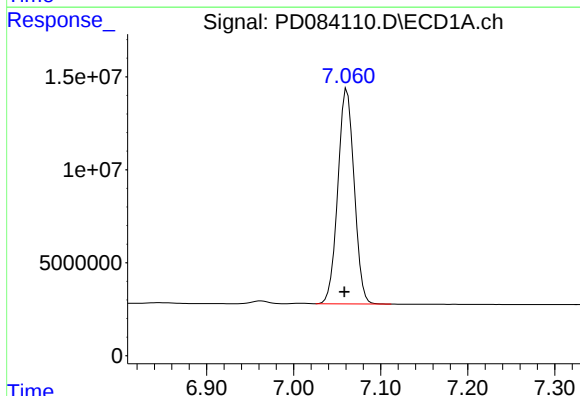
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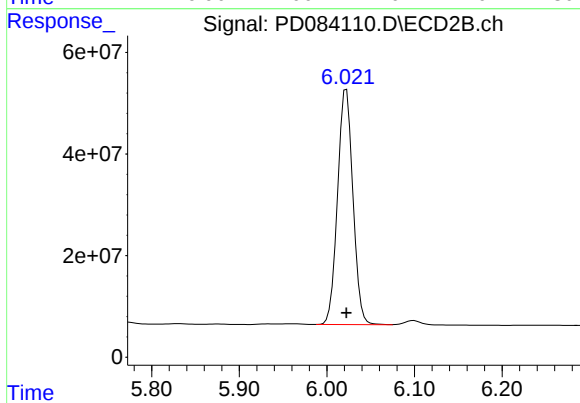
#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 4940874
Conc: 0.89 ng/ml m



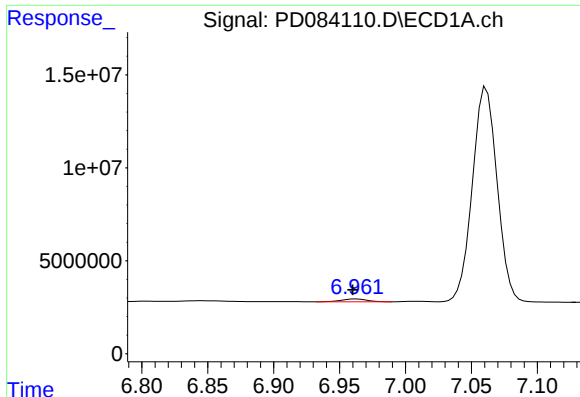
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 150714619
Conc: 87.75 ng/ml



#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 566078291
Conc: 98.69 ng/ml



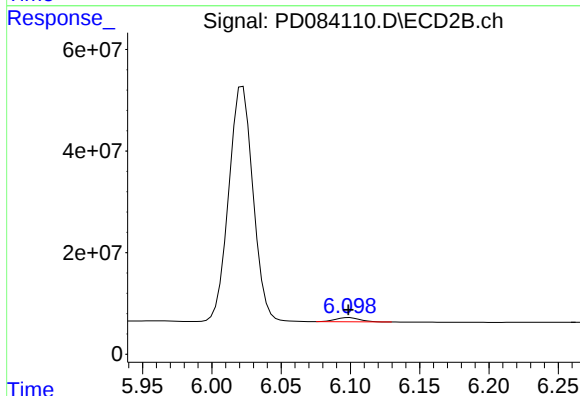
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.003 min
Response: 1989983
Conc: 1.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

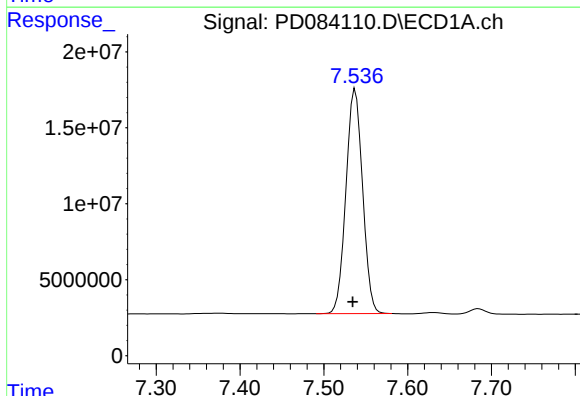
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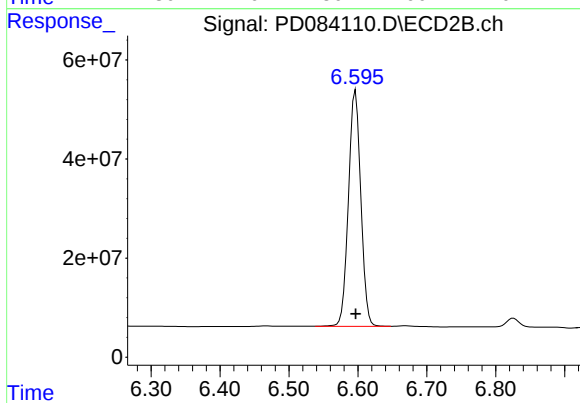
#18 Endrin aldehyde

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 10104455
Conc: 2.01 ng/ml m



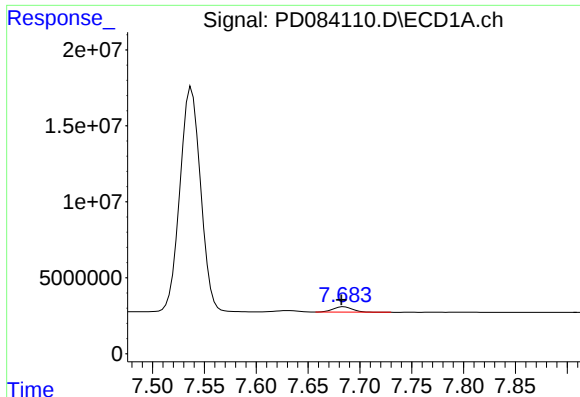
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.003 min
Response: 204352166
Conc: 207.40 ng/ml



#20 Methoxychlor

R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 594341986
Conc: 201.49 ng/ml m



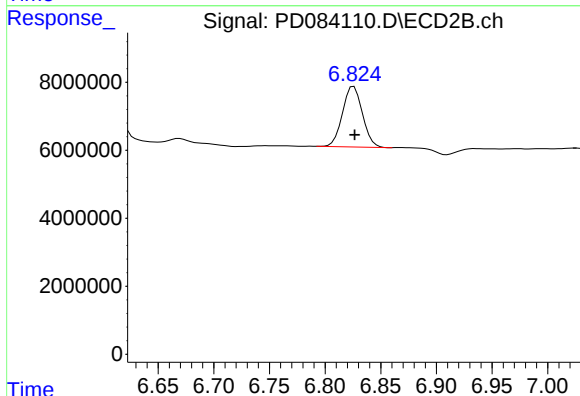
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 4592355
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

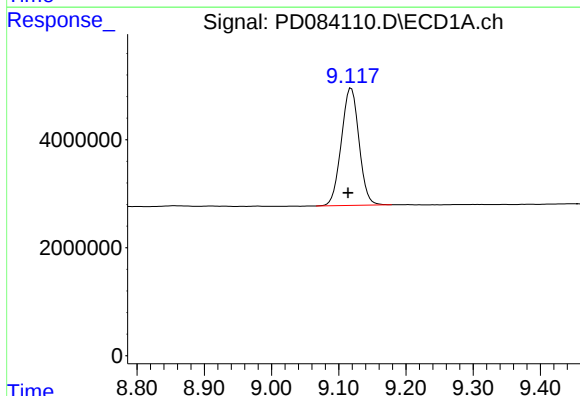
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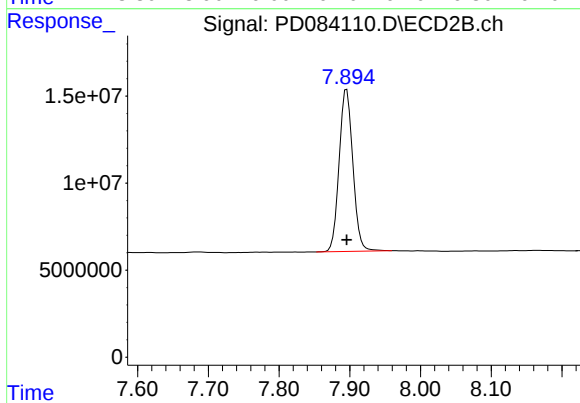
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.001 min
Response: 22139654
Conc: 3.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.004 min
Response: 39573534
Conc: 17.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 125698808
Conc: 19.57 ng/ml