

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102522\
 Data File : PD072610.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 09:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2022
 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:43:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 04:17:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.706	3.466	47604341	768.2E6	19.106	23.099
28)	SA Decachlor...	7.838	8.920	41009848	186.5E6	18.221	20.725
Target Compounds							
2)	A alpha-BHC	3.210	3.931	36719508	547.1E6	9.325	11.948 #
3)	MA gamma-BHC...	3.541	4.264	33572843	448.5E6	10.290	12.187
6)	B beta-BHC	3.842	4.479	16811111	174.9E6	10.539	12.305
12)	B 4,4'-DDE	5.156	6.104	298391	1658943	0.100m	0.108
14)	MA Endrin	5.570	6.495	118.4E6	610.8E6	43.610	45.730
16)	A 4,4'-DDD	5.717	6.629	7386078	54955324	3.010	4.460 #
17)	MA 4,4'-DDT	5.966	6.937	228.9E6	1171.1E6	97.733	98.234
18)	B Endrin al...	6.050	6.856	4619197	26075125	2.349	2.702
20)	A Methoxychlor	6.549	7.416	294.4E6	1356.8E6	218.842	229.145
21)	B Endrin ke...	6.783	7.578	12551771	56637974	4.202	4.539

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

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Acq On : 25 Oct 2022 09:45
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Misc :
ALS Vial : 3 Sample Multiplier: 1

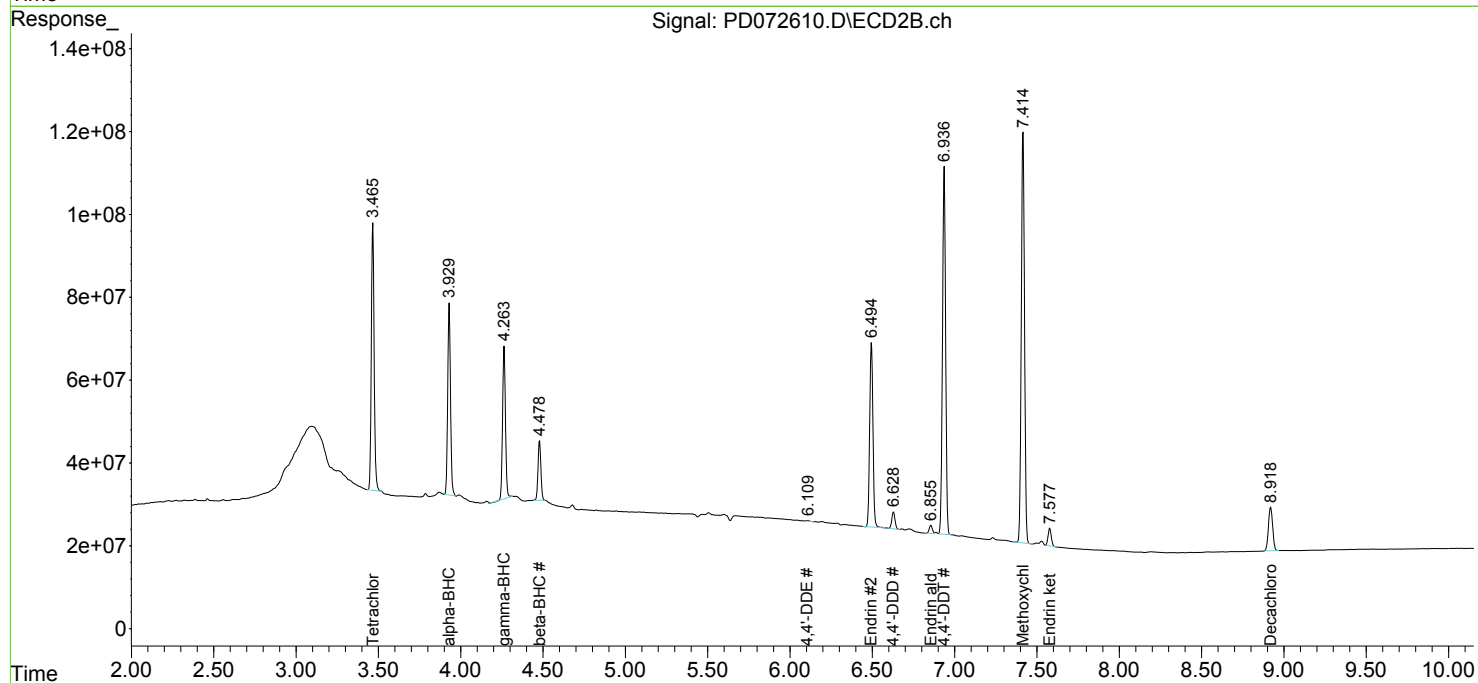
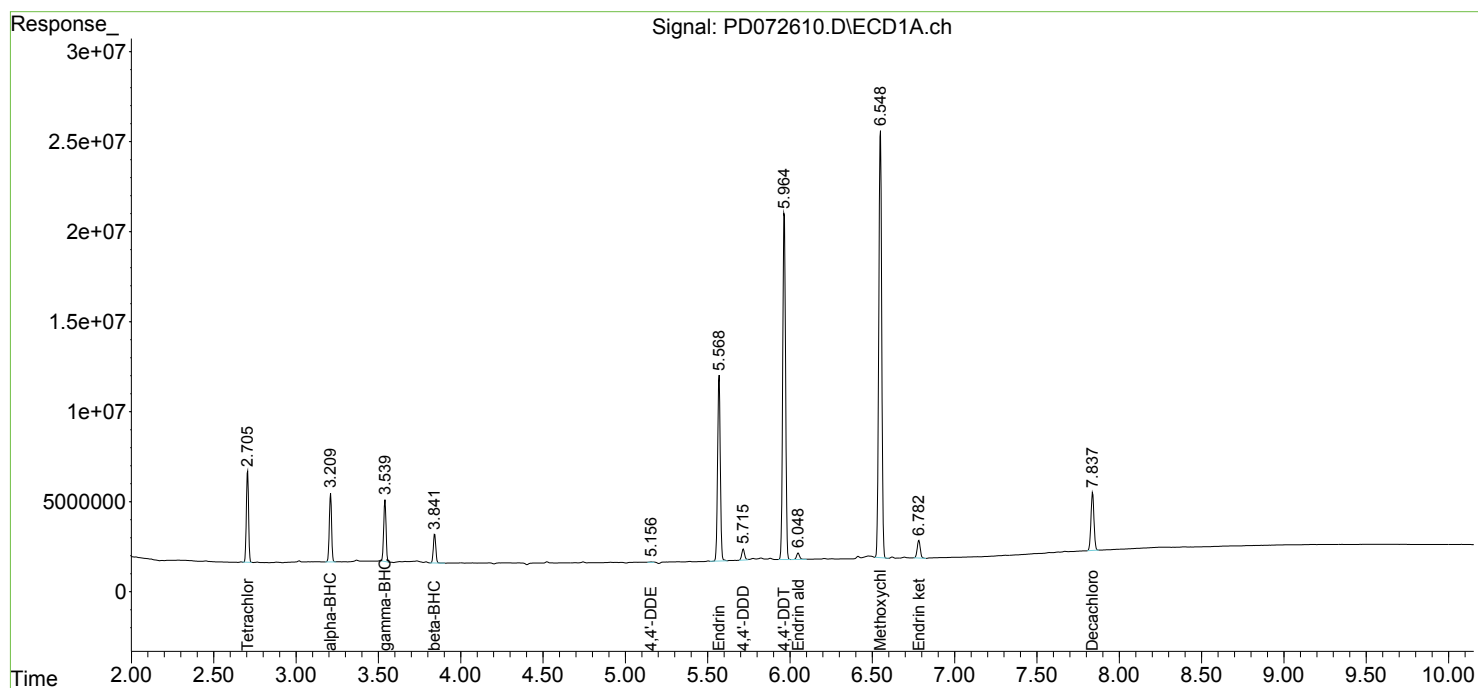
Instrument :
ECD_D
ClientSampleId :
PEM

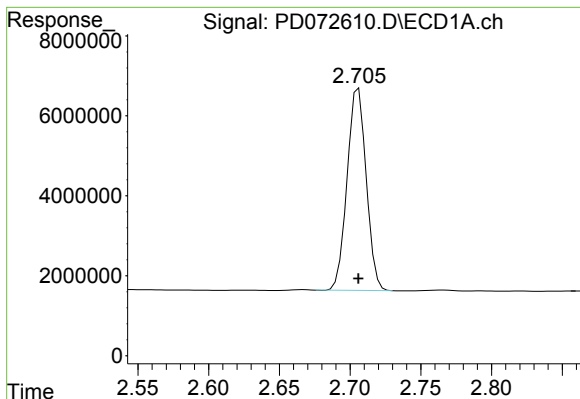
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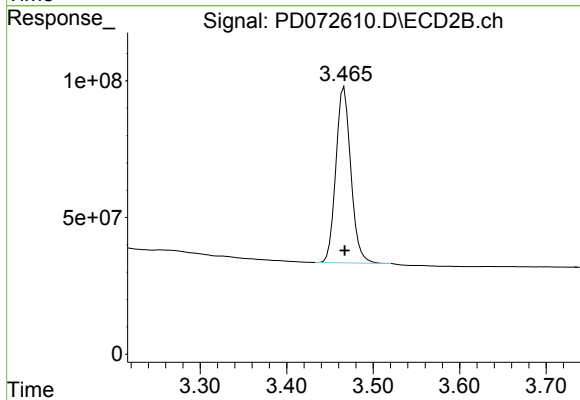
#1 Tetrachloro-m-xylene

R.T.: 2.706 min
Delta R.T.: 0.000 min
Response: 47604341
Conc: 19.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

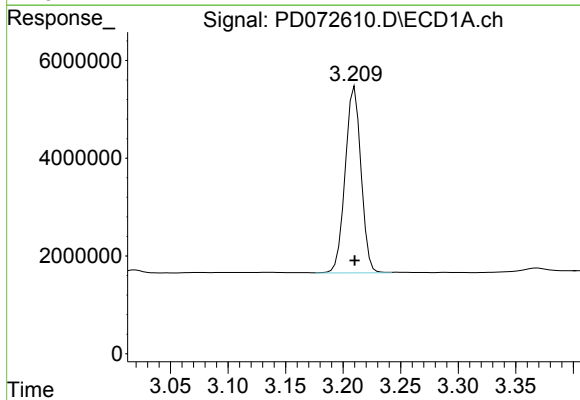
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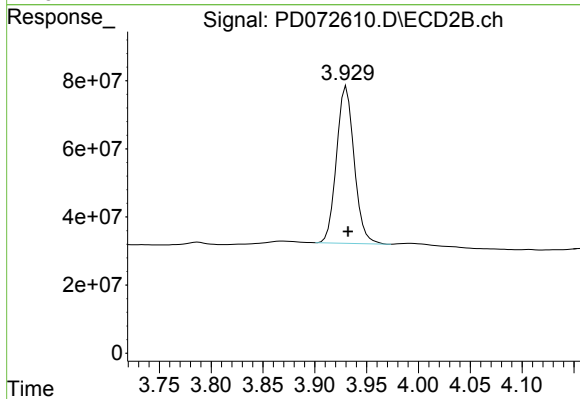
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: 0.000 min
Response: 768211629
Conc: 23.10 ng/ml



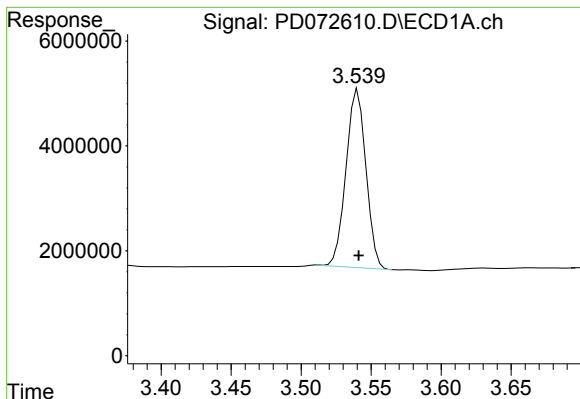
#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 36719508
Conc: 9.32 ng/ml



#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 547083036
Conc: 11.95 ng/ml



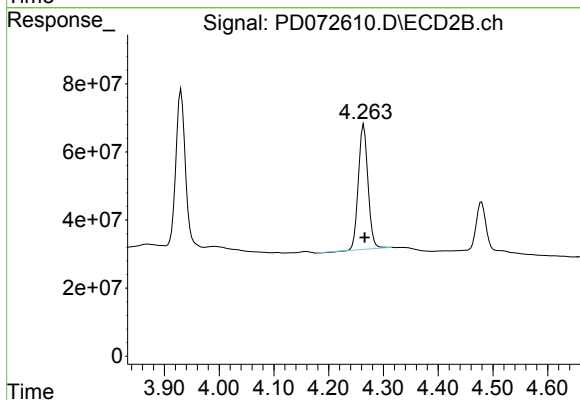
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 33572843
Conc: 10.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

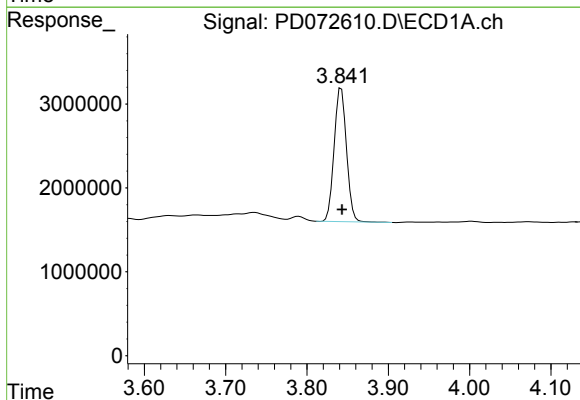
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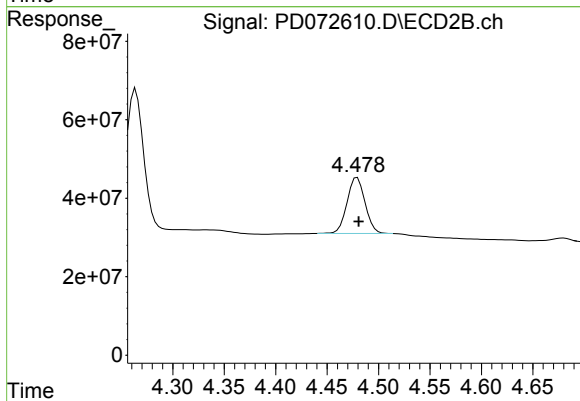
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 448514932
Conc: 12.19 ng/ml



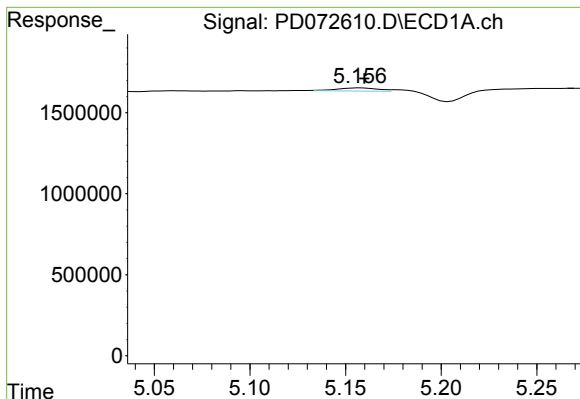
#6 beta-BHC

R.T.: 3.842 min
Delta R.T.: -0.001 min
Response: 16811111
Conc: 10.54 ng/ml



#6 beta-BHC

R.T.: 4.479 min
Delta R.T.: -0.002 min
Response: 174901565
Conc: 12.30 ng/ml



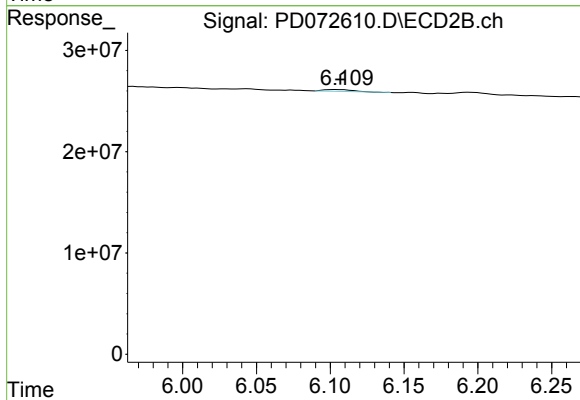
#12 4,4'-DDE

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 298391
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

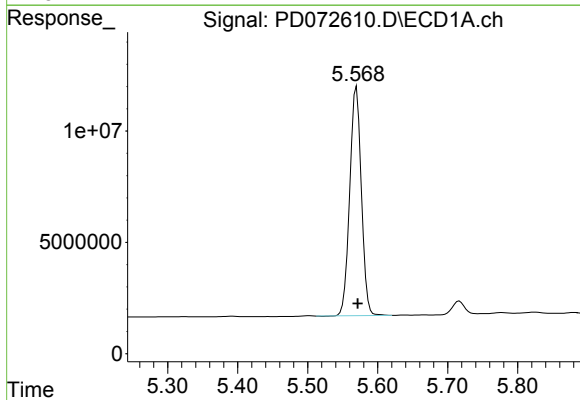
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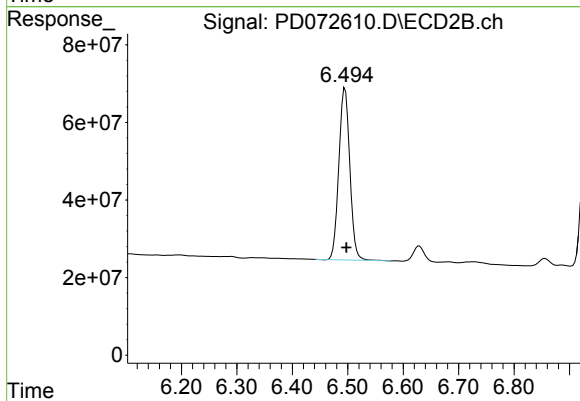
#12 4,4'-DDE

R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 1658943
Conc: 0.11 ng/ml



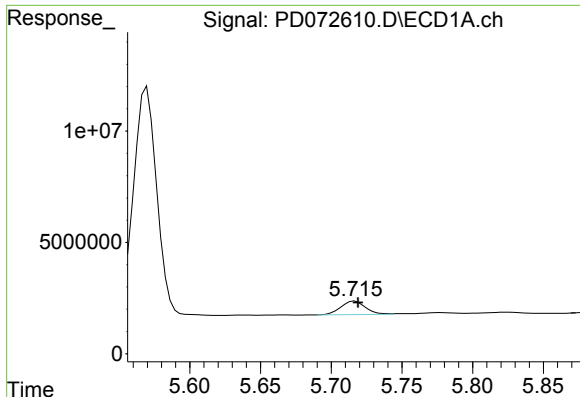
#14 Endrin

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 118410937
Conc: 43.61 ng/ml



#14 Endrin

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 610751470
Conc: 45.73 ng/ml



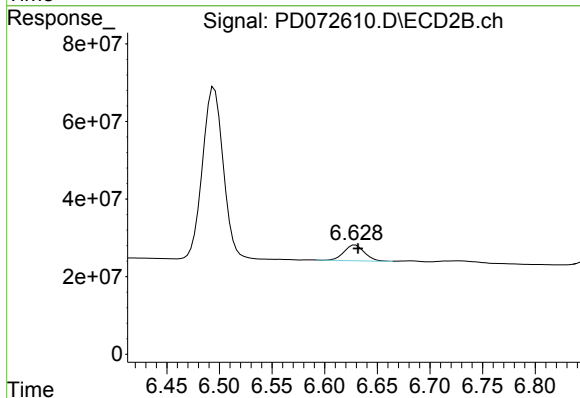
#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 7386078
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

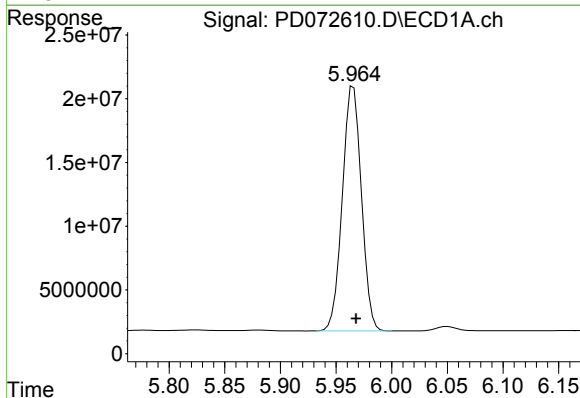
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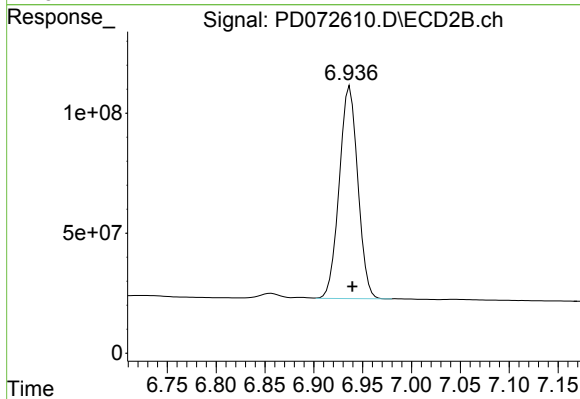
#16 4,4'-DDD

R.T.: 6.629 min
Delta R.T.: -0.003 min
Response: 54955324
Conc: 4.46 ng/ml



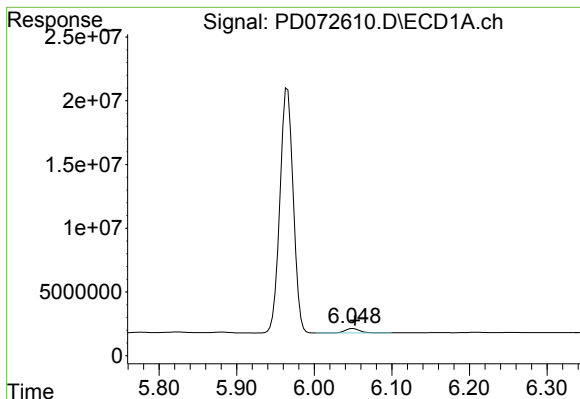
#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 228907900
Conc: 97.73 ng/ml



#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: -0.002 min
Response: 1171083092
Conc: 98.23 ng/ml



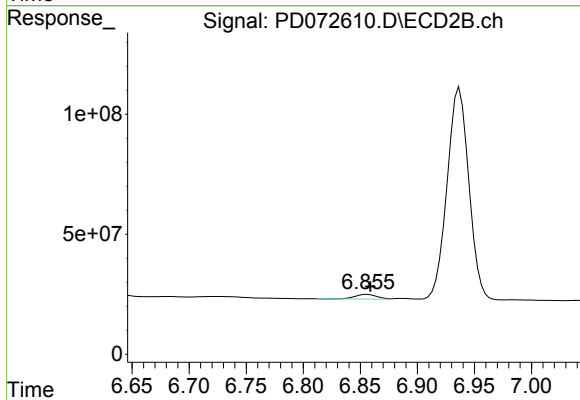
#18 Endrin aldehyde

R.T.: 6.050 min
Delta R.T.: -0.003 min
Response: 4619197
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

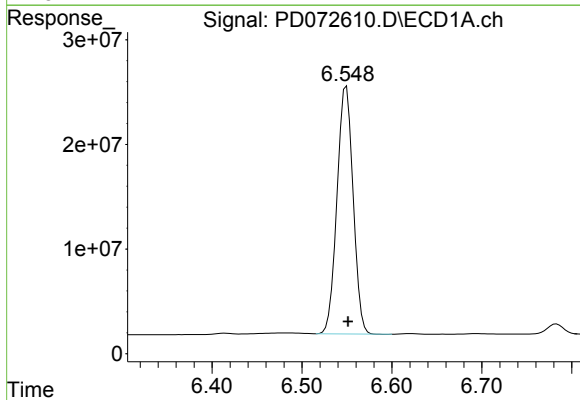
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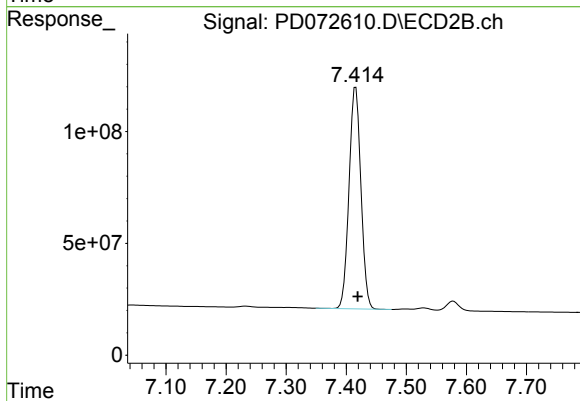
#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.003 min
Response: 26075125
Conc: 2.70 ng/ml



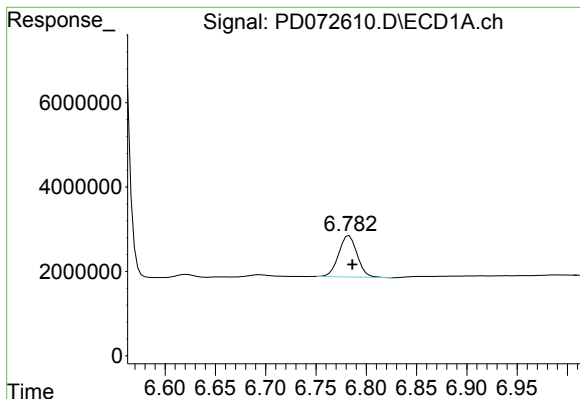
#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 294404627
Conc: 218.84 ng/ml



#20 Methoxychlor

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 1356810535
Conc: 229.14 ng/ml



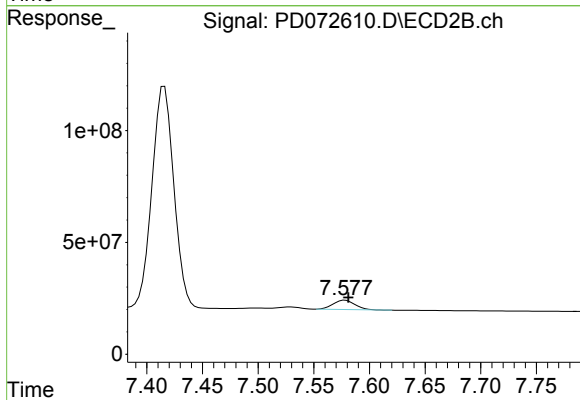
#21 Endrin ketone

R.T.: 6.783 min
Delta R.T.: -0.003 min
Response: 12551771
Conc: 4.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

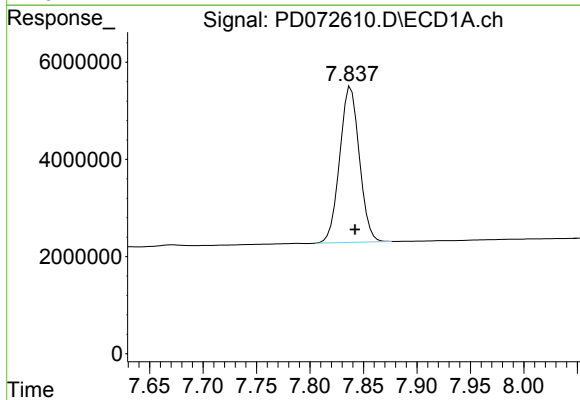
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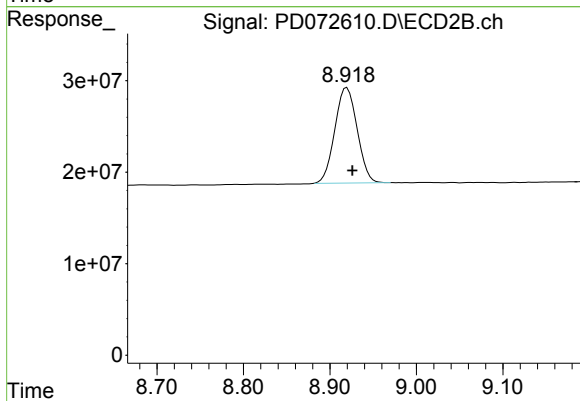
#21 Endrin ketone

R.T.: 7.578 min
Delta R.T.: -0.003 min
Response: 56637974
Conc: 4.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: -0.004 min
Response: 41009848
Conc: 18.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.920 min
Delta R.T.: -0.006 min
Response: 186458351
Conc: 20.72 ng/ml