

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031222\
 Data File : PD068496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2022 19:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/14/2022
 Supervised By : Ankita Jodhani 03/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 03:31:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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 x0.2 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...	3.448	4.175	24246514	199.0E6	19.970	20.816
28)	SA Decachlor...	8.209	9.371	26297114	121.9E6	20.815	21.513
Target Compounds							
2)	A alpha-BHC	3.888	4.571	16870637	146.8E6	9.318	10.669
3)	MA gamma-BHC...	4.171	4.862	15872206	134.6E6	9.506	10.766
6)	B beta-BHC	4.422	5.024	8288047	62963270	11.131	11.469
12)	B 4,4'-DDE	5.612	6.552	580249	6814028	0.424m	0.735 #
14)	MA Endrin	6.002	6.931	66759262	394.6E6	50.678	50.996
16)	A 4,4'-DDD	6.130	7.043	1817826	13172357	1.542	1.784
17)	MA 4,4'-DDT	6.371	7.345	124.3E6	672.9E6	103.415	91.593
18)	B Endrin al...	6.444	7.259	787344	3406281	0.793m	0.563m#
20)	A Methoxychlor	6.922	7.799	164.1E6	779.6E6	236.830	213.870
21)	B Endrin ke...	7.152	7.961	1411895	8657789	0.959	1.117

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

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Acq On : 11 Mar 2022 19:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

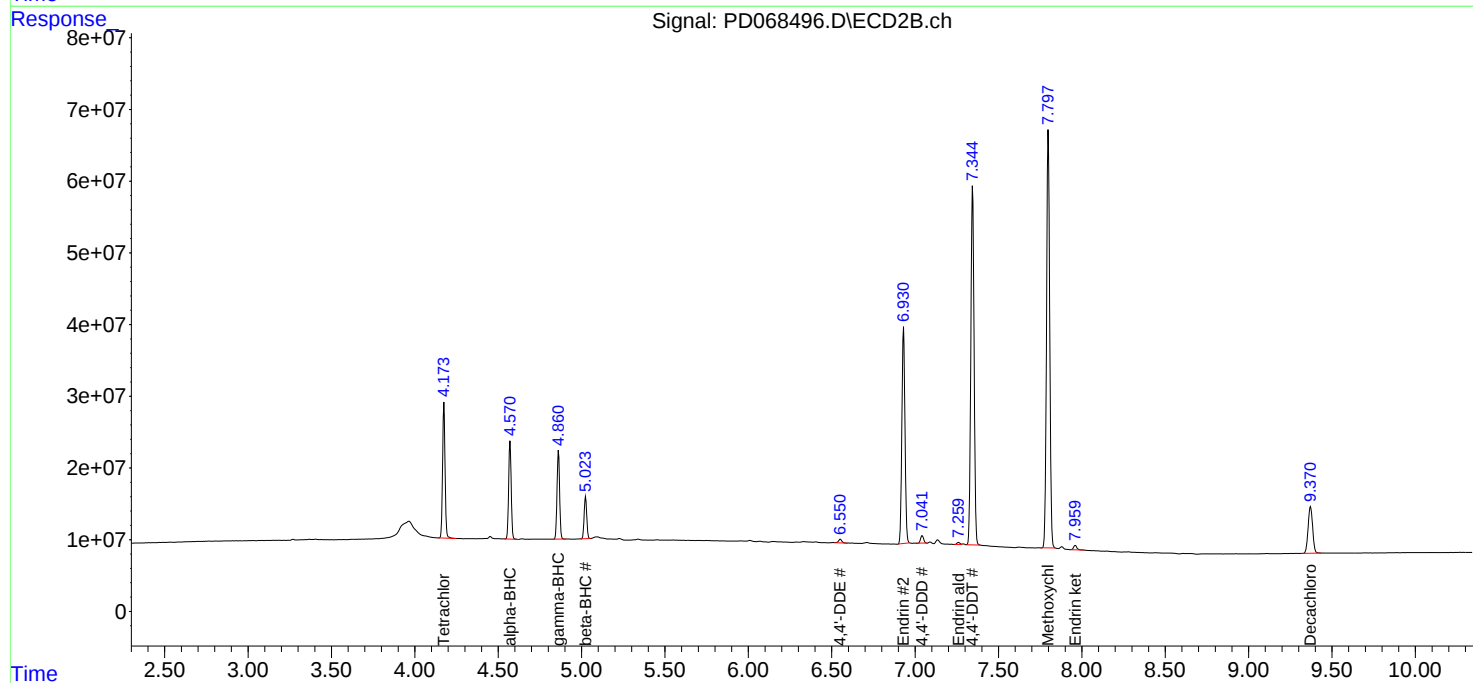
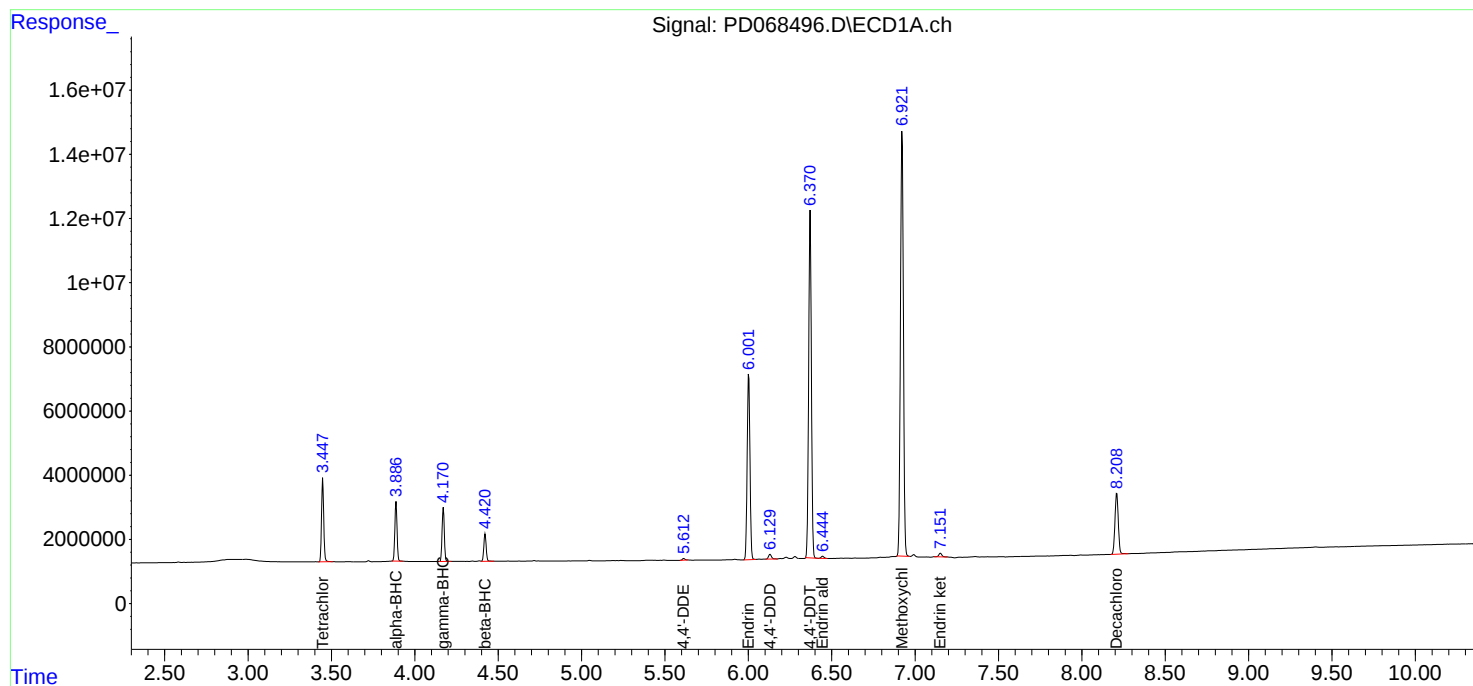
Instrument :
ECD_D
ClientSampleId :
PEM

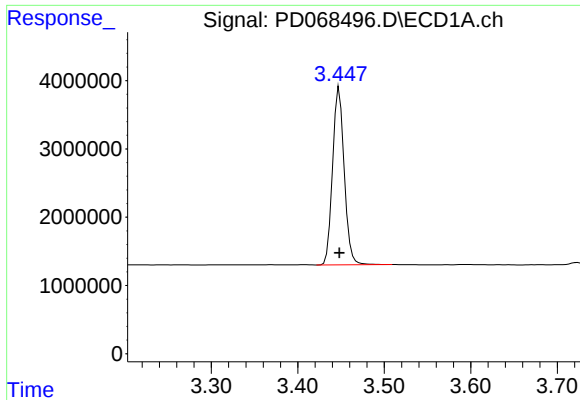
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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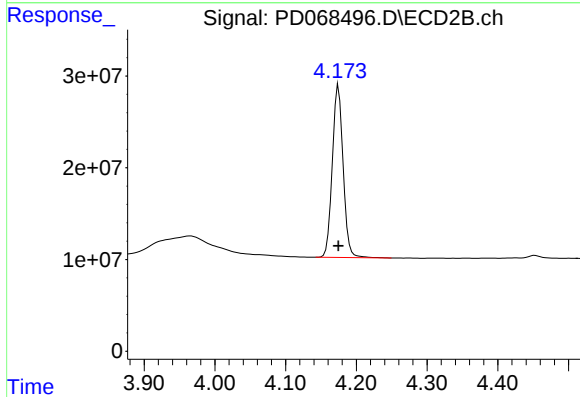
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 24246514
Conc: 19.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

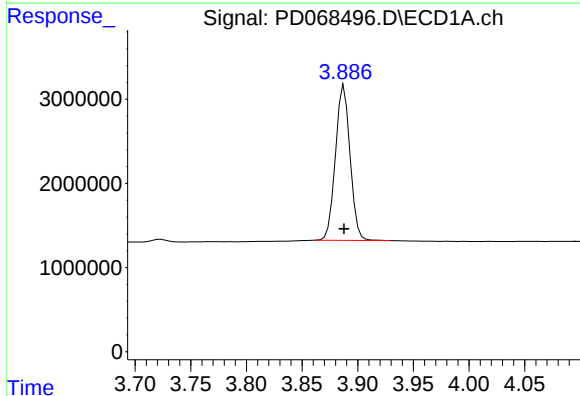
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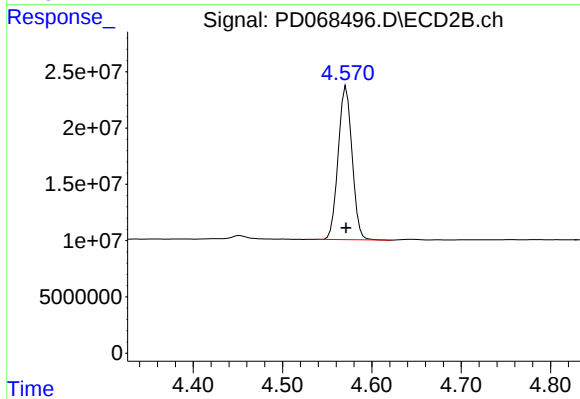
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 199016255
Conc: 20.82 ng/ml



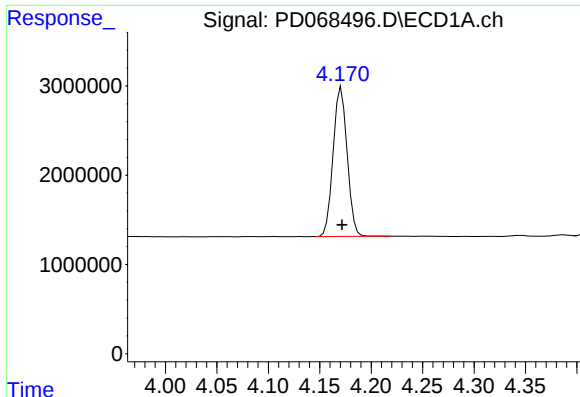
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 16870637
Conc: 9.32 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 146839061
Conc: 10.67 ng/ml



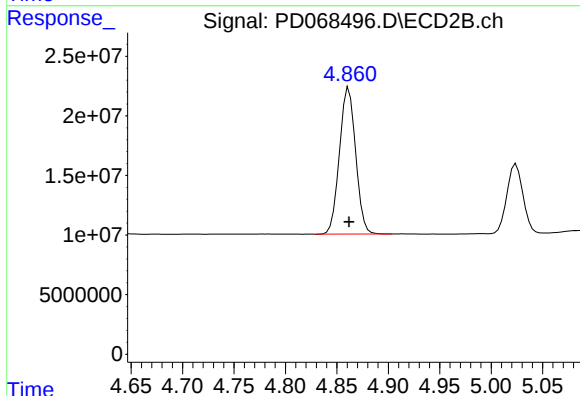
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 15872206
Conc: 9.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

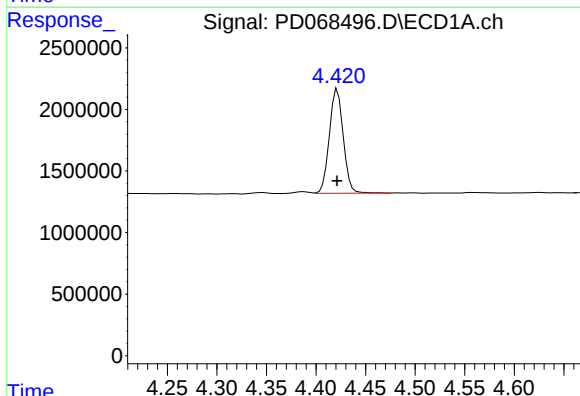
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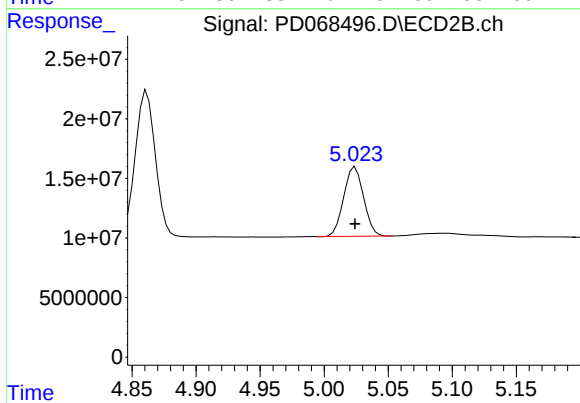
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 134608065
Conc: 10.77 ng/ml



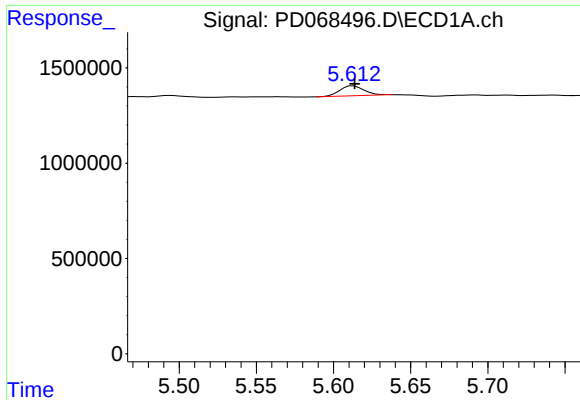
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 8288047
Conc: 11.13 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 62963270
Conc: 11.47 ng/ml



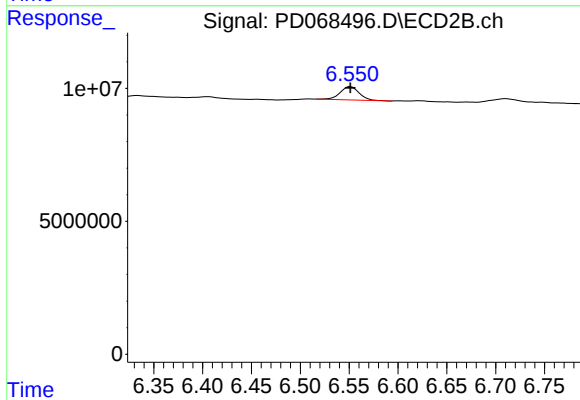
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 580249
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

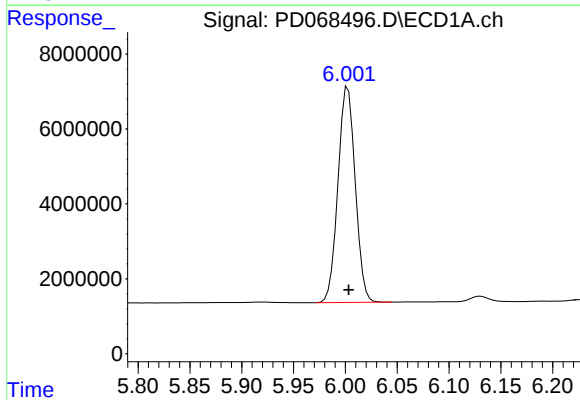
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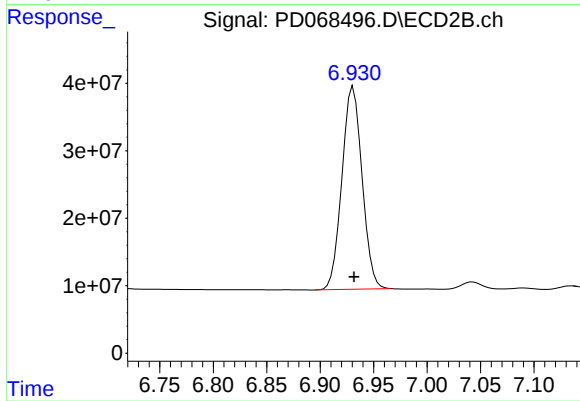
#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 6814028
Conc: 0.74 ng/ml



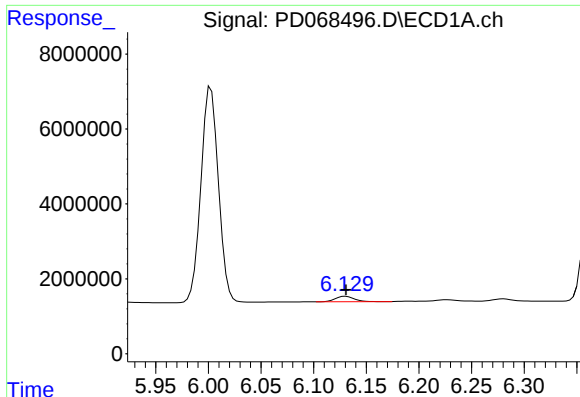
#14 Endrin

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 66759262
Conc: 50.68 ng/ml



#14 Endrin

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 394579021
Conc: 51.00 ng/ml



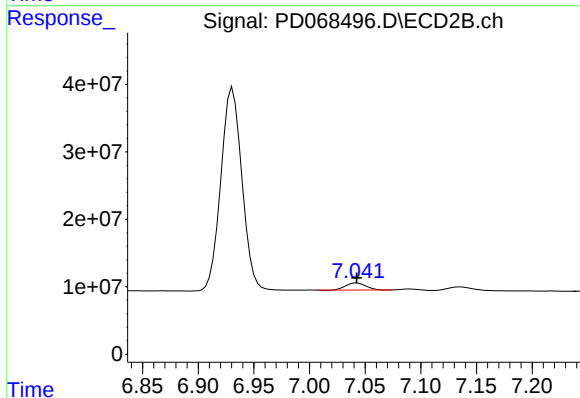
#16 4,4'-DDD

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 1817826
Conc: 1.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

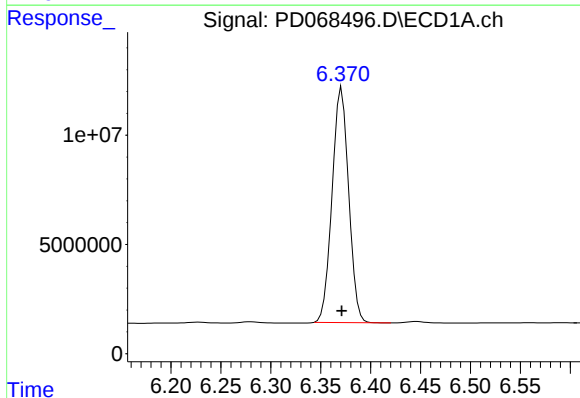
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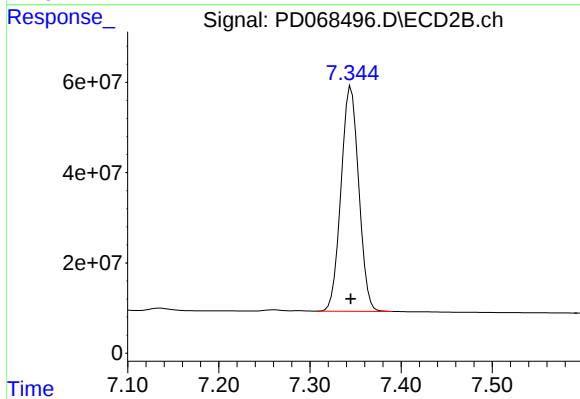
#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 13172357
Conc: 1.78 ng/ml



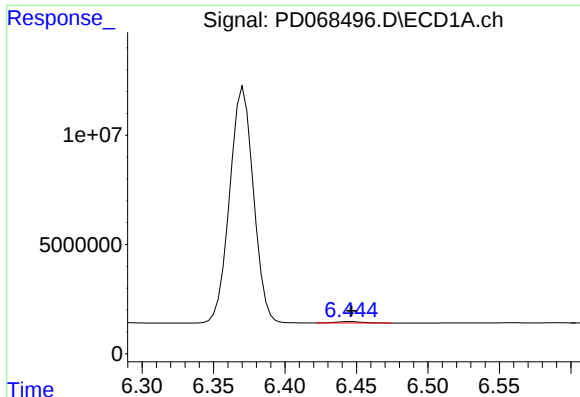
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 124301517
Conc: 103.42 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 672911291
Conc: 91.59 ng/ml



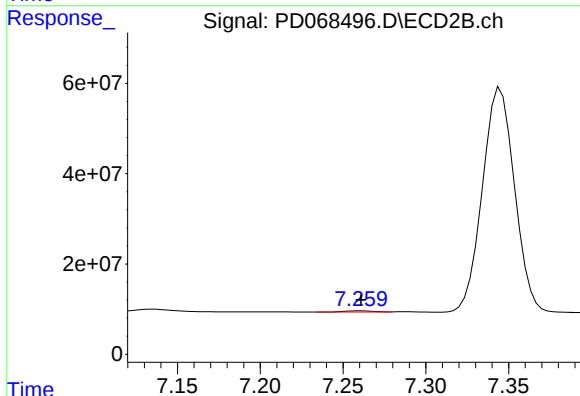
#18 Endrin aldehyde

R.T.: 6.444 min
Delta R.T.: -0.002 min
Response: 787344
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

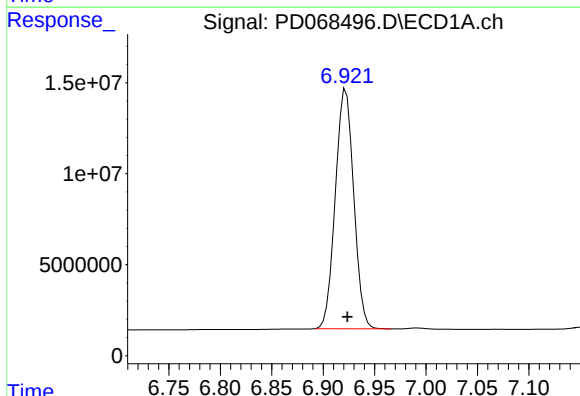
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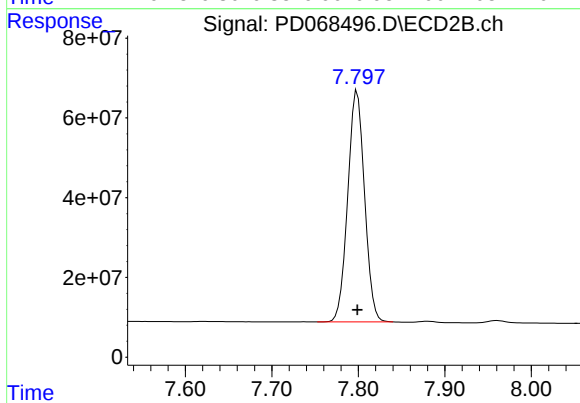
#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 3406281
Conc: 0.56 ng/ml m



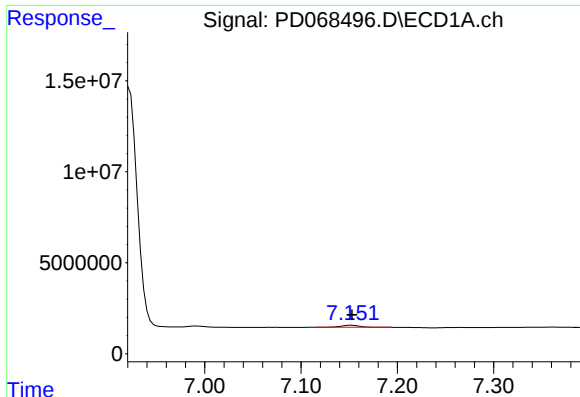
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.001 min
Response: 164129511
Conc: 236.83 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 779619009
Conc: 213.87 ng/ml



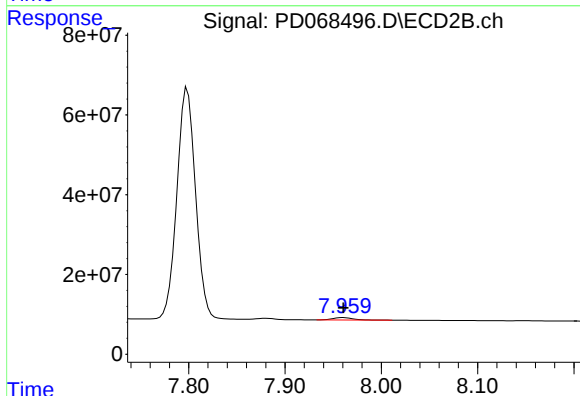
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 1411895
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

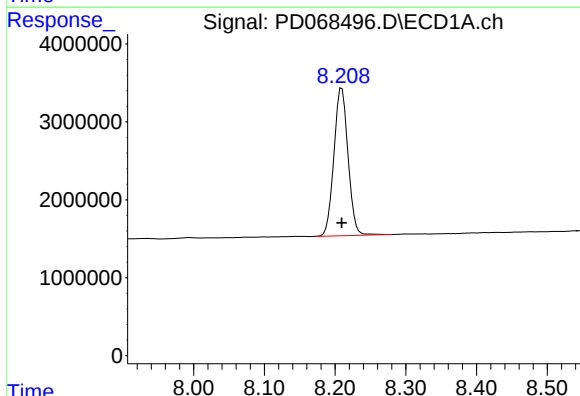
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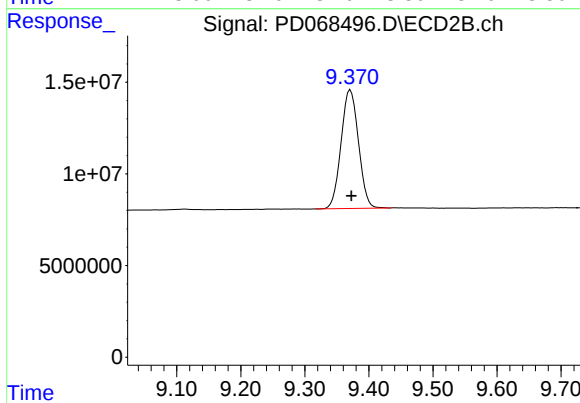
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 8657789
Conc: 1.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 26297114
Conc: 20.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 121906489
Conc: 21.51 ng/ml