

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031722\
 Data File : PD068647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 13:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 03:13:03 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 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...	3.448	4.175	25267811	210.1E6	20.811	21.971
28)	SA Decachlor...	8.207	9.370	27416078	128.2E6	21.701	22.626
Target Compounds							
2)	A alpha-BHC	3.888	4.571	17898587	155.1E6	9.886	11.271
3)	MA gamma-BHC...	4.171	4.862	16700613	141.0E6	10.002	11.279
6)	B beta-BHC	4.421	5.025	8708721	66781980	11.696	12.165
12)	B 4,4'-DDE	5.611	6.551	546631	7498757	0.400m	0.809 #
14)	MA Endrin	6.002	6.930	71100450	356.8E6	53.974	46.110
16)	A 4,4'-DDD	6.130	7.041	2363809	16846626	2.005	2.281m
17)	MA 4,4'-DDT	6.370	7.345	130.4E6	711.5E6	108.481	96.842
18)	B Endrin al...	6.445	7.260	1460261	10740000	1.471	1.775
20)	A Methoxychlor	6.920	7.797	170.1E6	818.1E6	245.387	224.434
21)	B Endrin ke...	7.149	7.960	2246574	13781255	1.526m	1.779

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

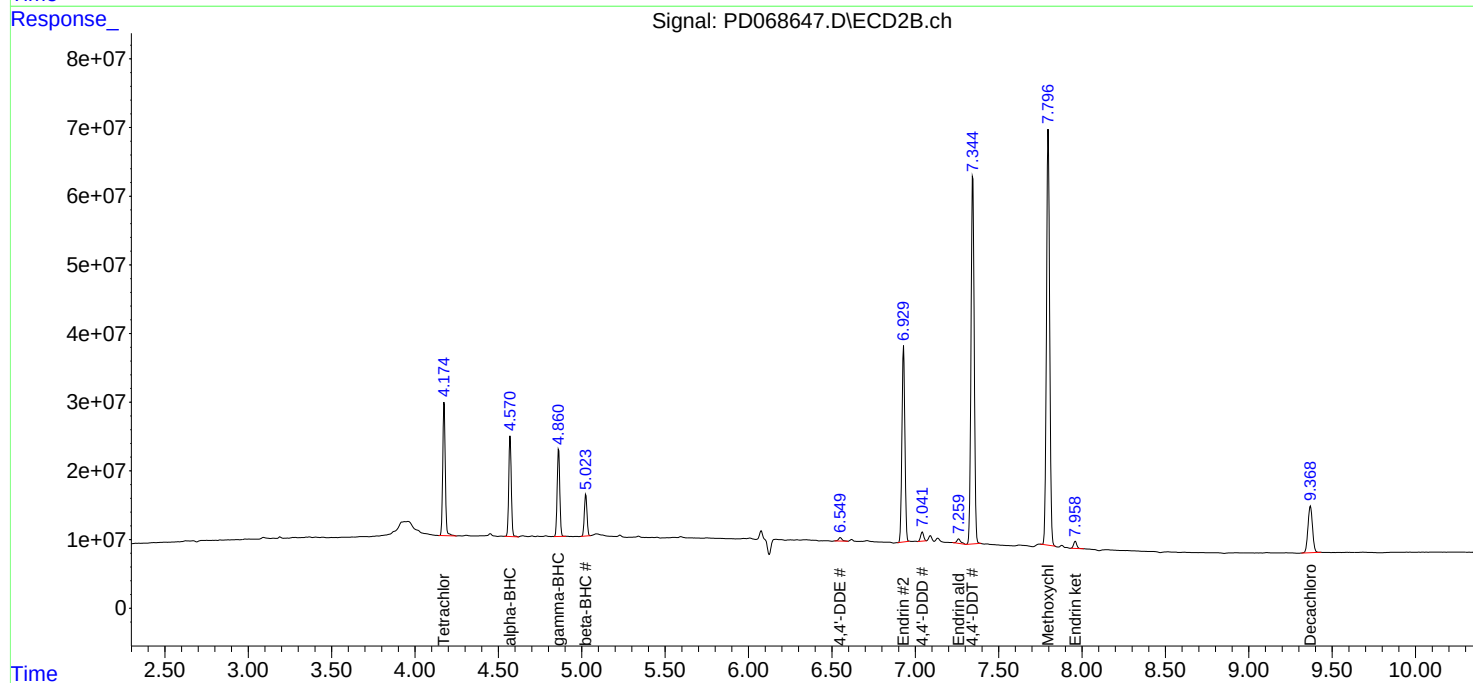
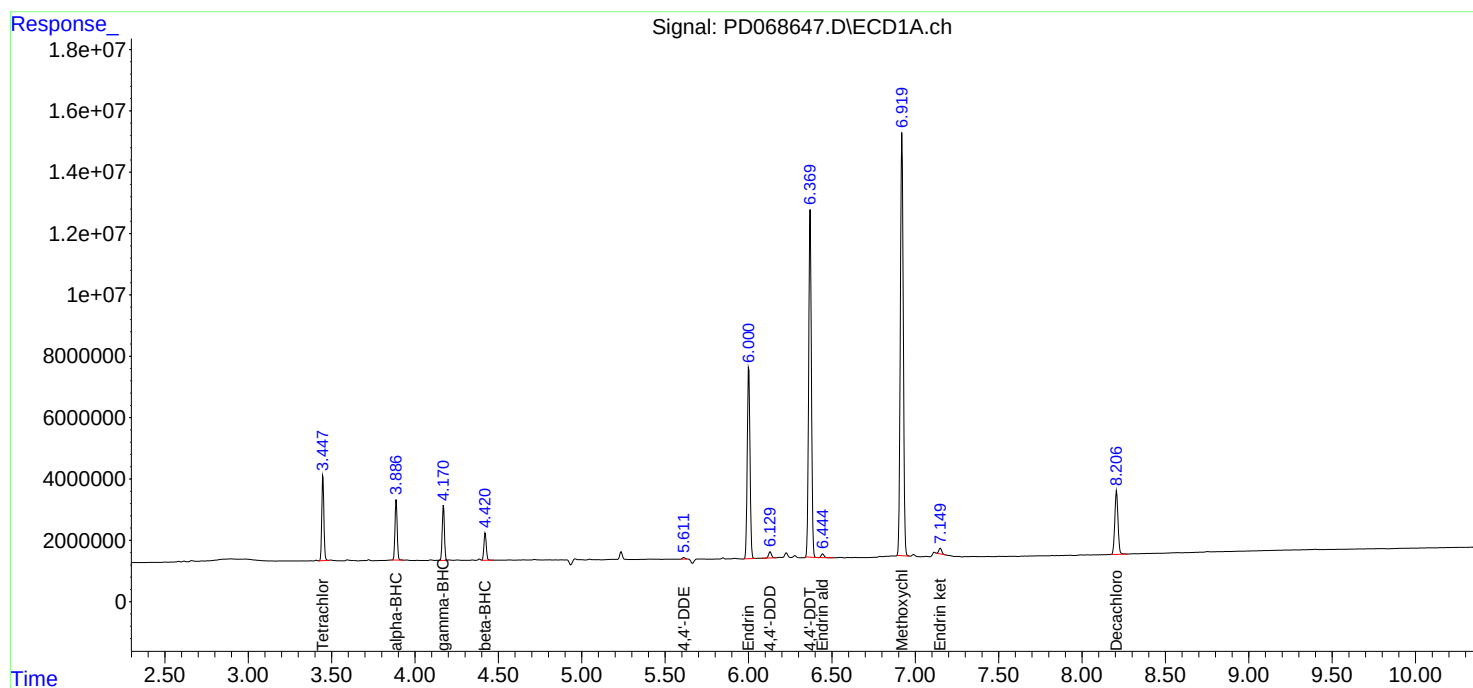
Instrument :
ECD_D
ClientSampleId :
PEM

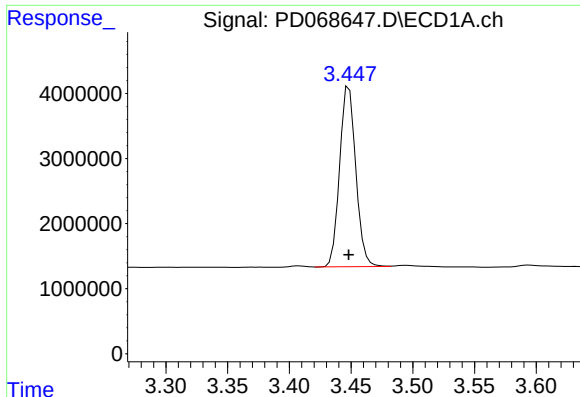
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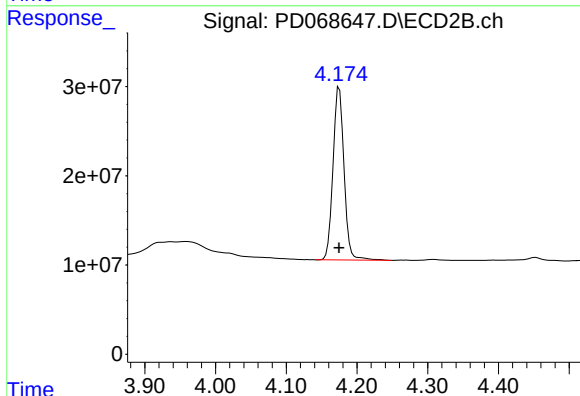
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 25267811
Conc: 20.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

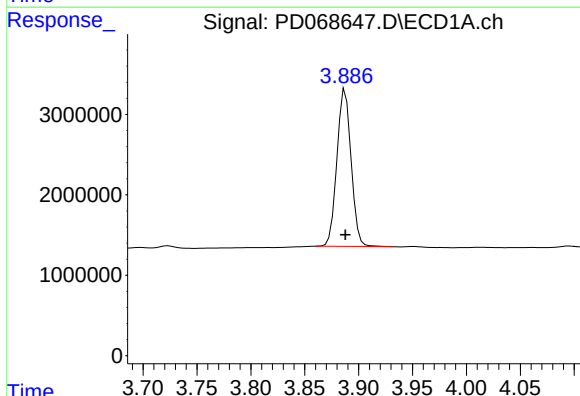
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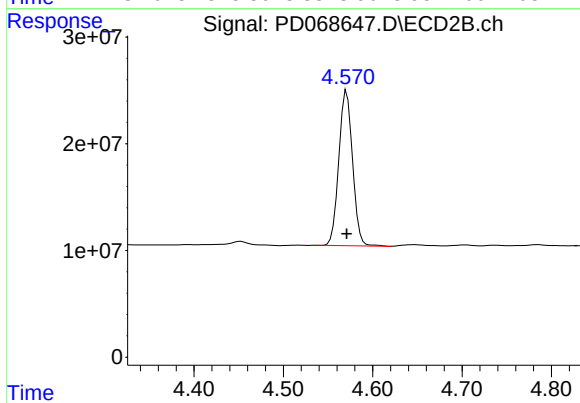
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 210055978
Conc: 21.97 ng/ml



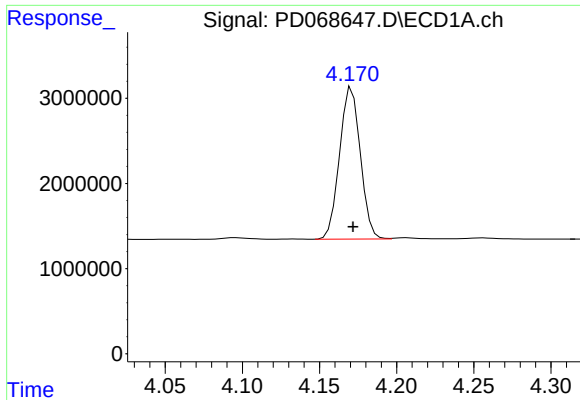
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 17898587
Conc: 9.89 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 155125445
Conc: 11.27 ng/ml



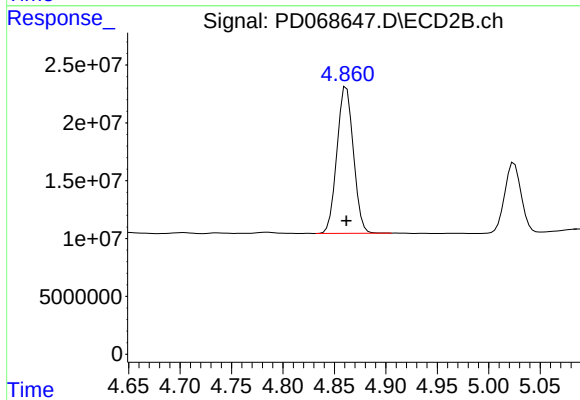
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 16700613
Conc: 10.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

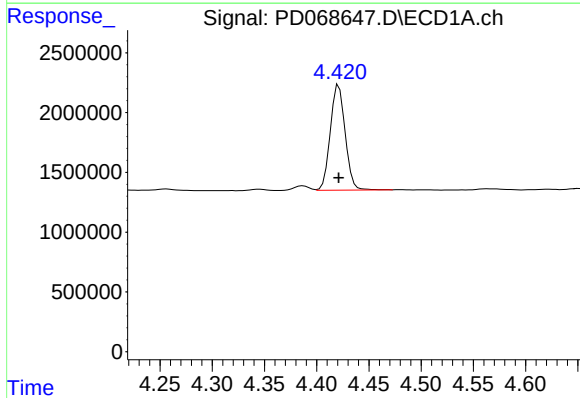
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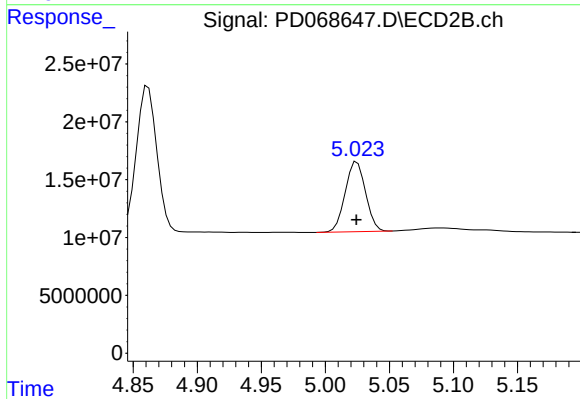
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 141028809
Conc: 11.28 ng/ml



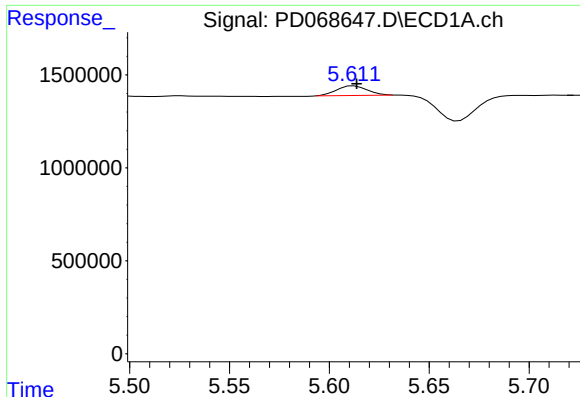
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 8708721
Conc: 11.70 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 66781980
Conc: 12.16 ng/ml



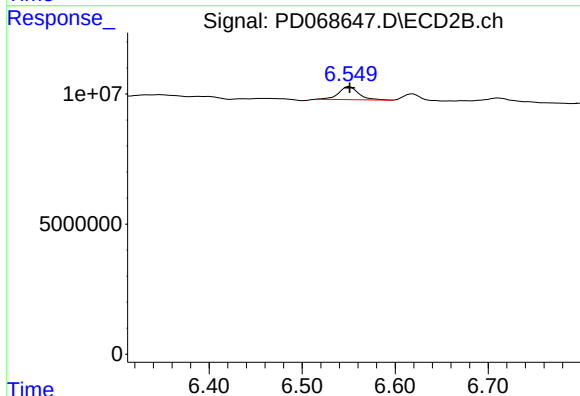
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 546631
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

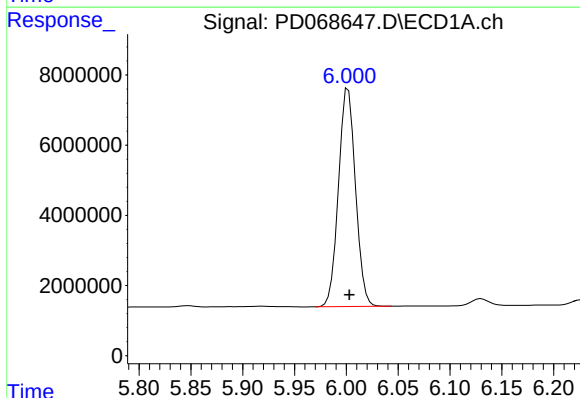
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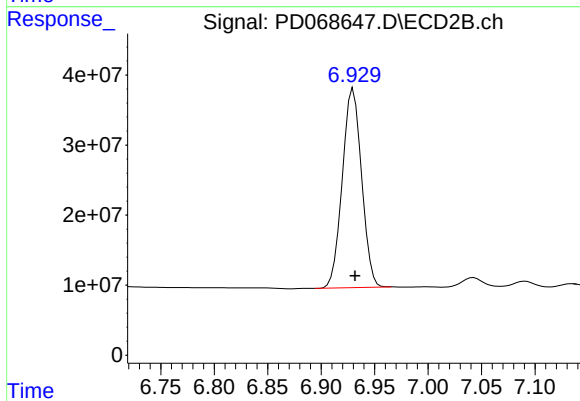
#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 7498757
Conc: 0.81 ng/ml



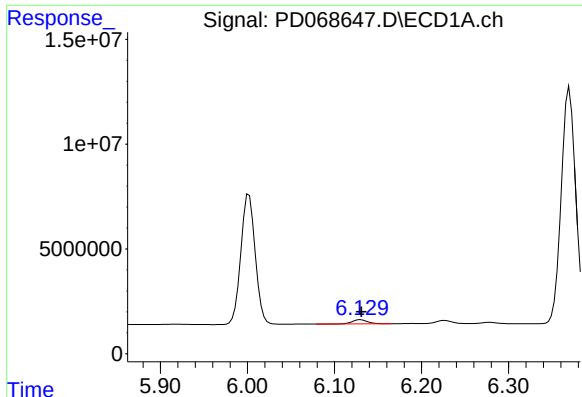
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 71100450
Conc: 53.97 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 356773735
Conc: 46.11 ng/ml



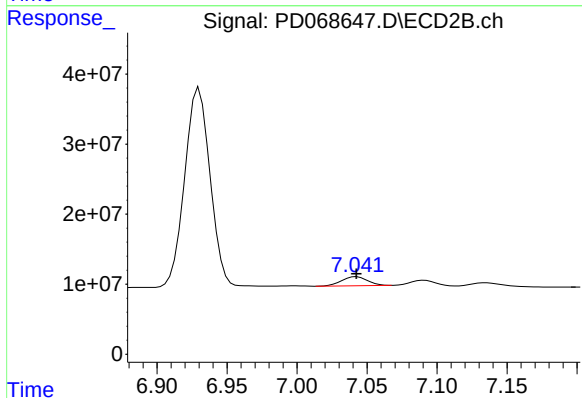
#16 4,4'-DDD

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2363809
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

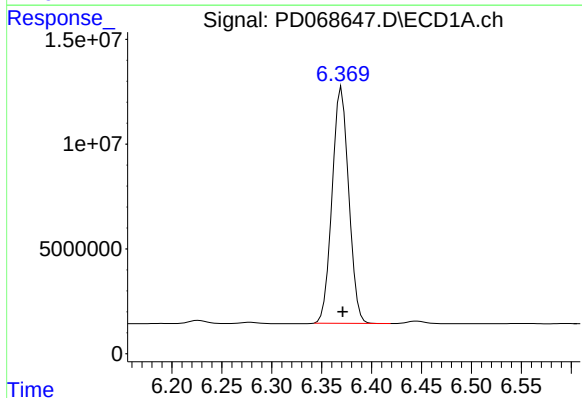
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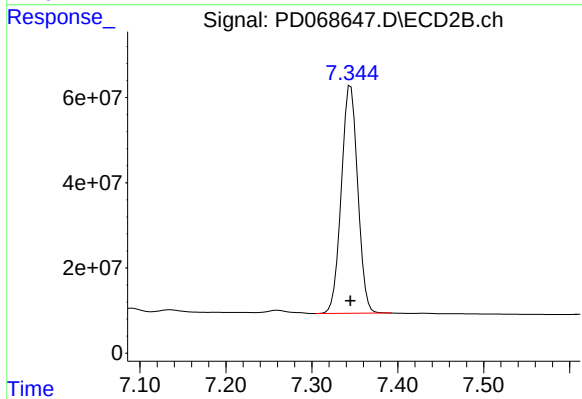
#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 16846626
Conc: 2.28 ng/ml m



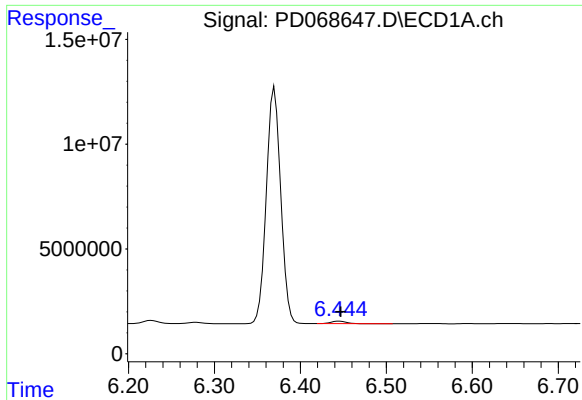
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 130390898
Conc: 108.48 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 711473934
Conc: 96.84 ng/ml



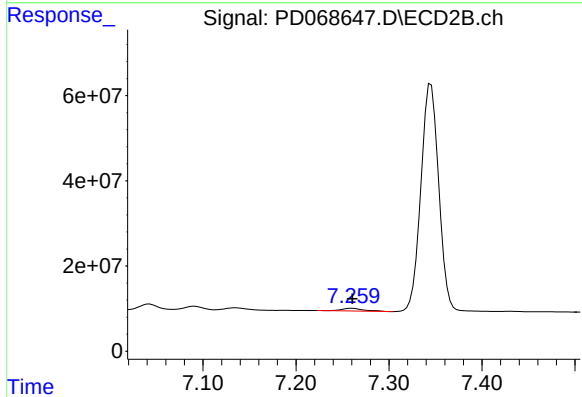
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 1460261
Conc: 1.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

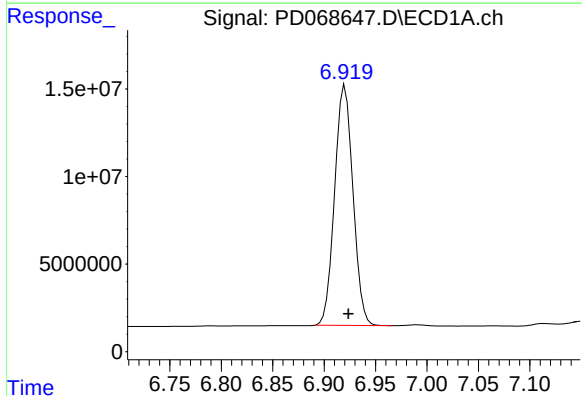
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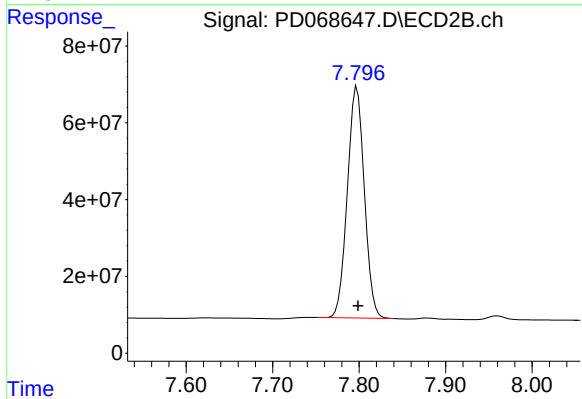
#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 10740000
Conc: 1.77 ng/ml



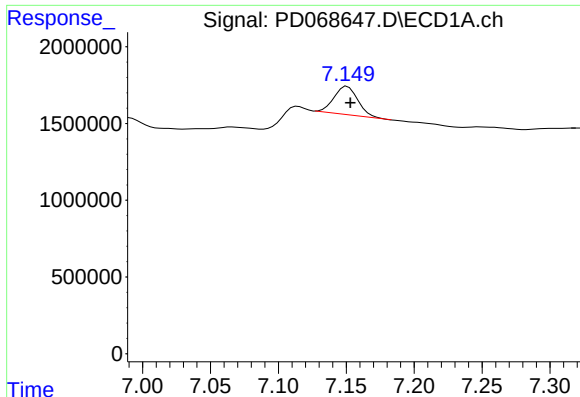
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 170059896
Conc: 245.39 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.001 min
Response: 818126154
Conc: 224.43 ng/ml



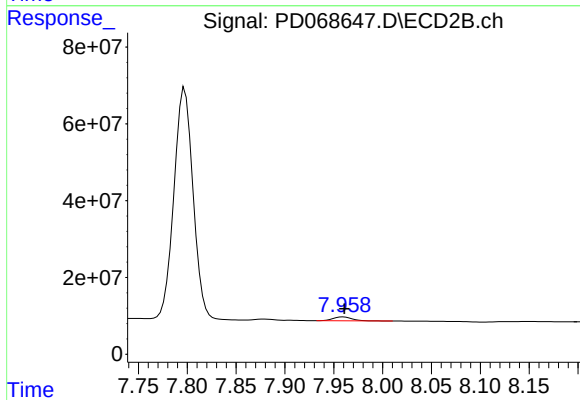
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 2246574
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

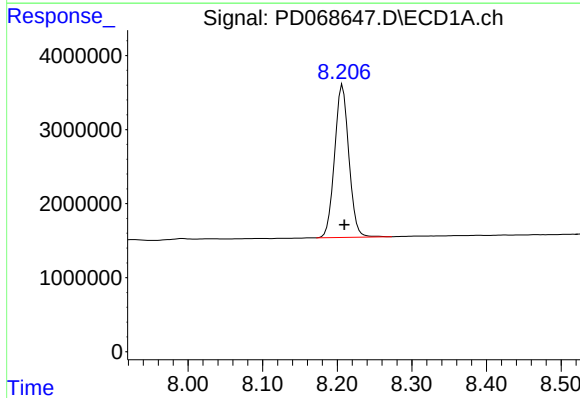
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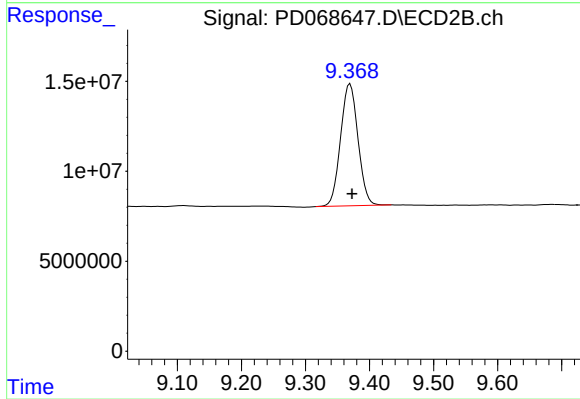
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: -0.001 min
Response: 13781255
Conc: 1.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 27416078
Conc: 21.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.003 min
Response: 128215969
Conc: 22.63 ng/ml