

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082521\
 Data File : PD065295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2021 10:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 04:09:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 25 05:44:31 2021
 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...	3.495	4.013	21084819	144.9E6	19.556	21.189
28)	SA Decachlor...	8.238	9.082	28175489	96155310	20.764	22.203
Target Compounds							
2)	A alpha-BHC	3.935	4.407	15031261	108.6E6	9.780	10.978
3)	MA gamma-BHC...	4.218	4.694	14802497	99280821	9.747	11.031
6)	B beta-BHC	4.467	4.870	11146220	53275311	12.068	8.751 #
12)	B 4,4'-DDE	5.651	6.354	194707	1424180	0.163m	0.230m#
14)	MA Endrin	6.045	6.727	57018078	277.7E6	47.591	51.704
16)	A 4,4'-DDD	6.168	6.849	768279	5721160	0.719	1.096 #
17)	MA 4,4'-DDT	6.407	7.147	106.4E6	513.5E6	91.883	95.501
18)	B Endrin al...	6.480	7.064	495481	1029943	0.519m	0.244 #
20)	A Methoxychlor	6.953	7.606	147.6E6	631.2E6	210.147	225.985
21)	B Endrin ke...	7.189	7.759	1708555	9746044	1.164m	1.653 #

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

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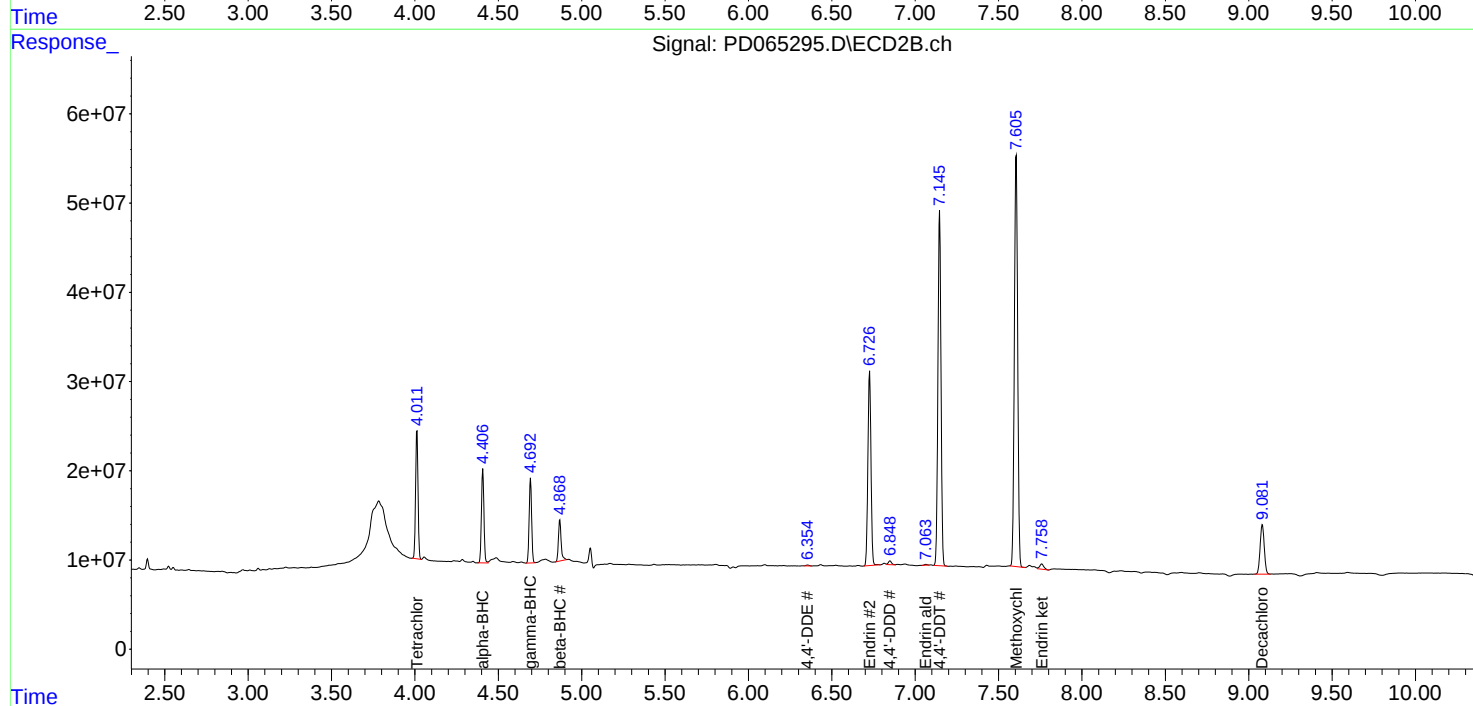
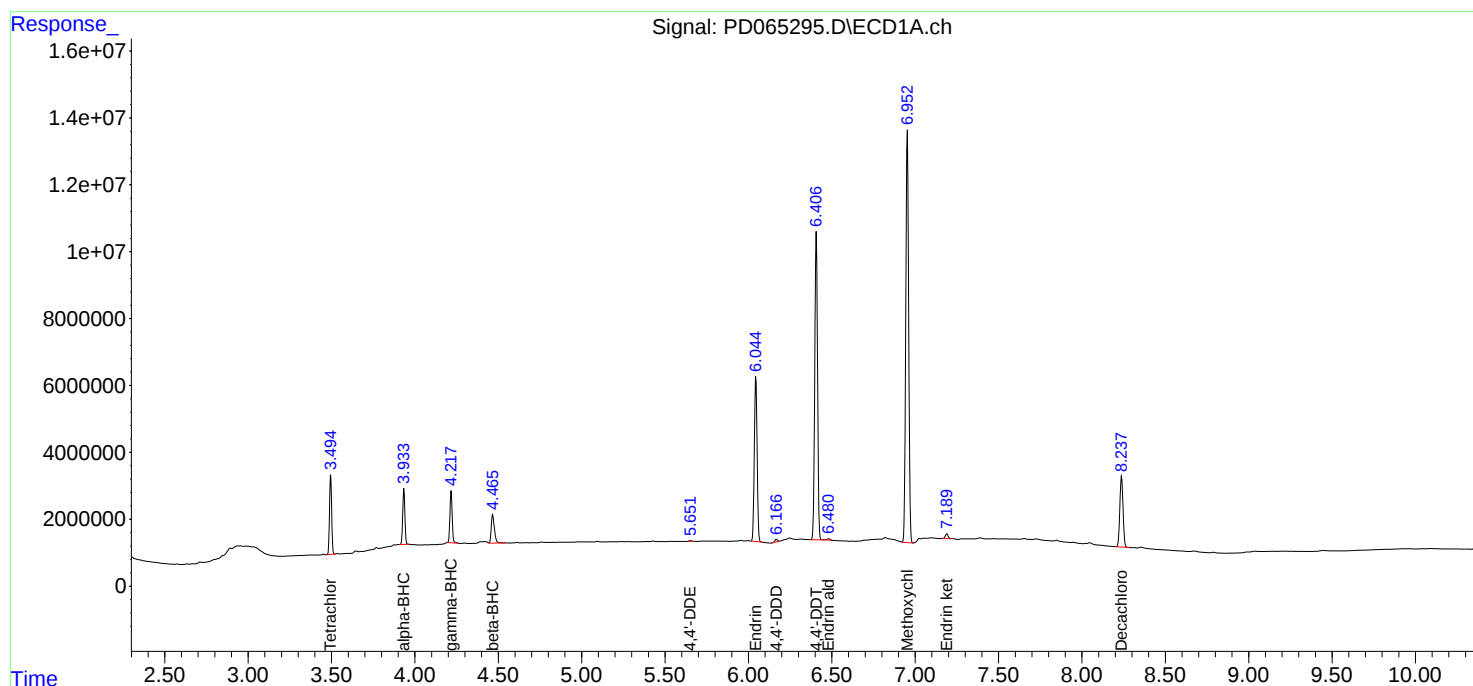
Instrument :
ECD_D
ClientSampleId :
PEM

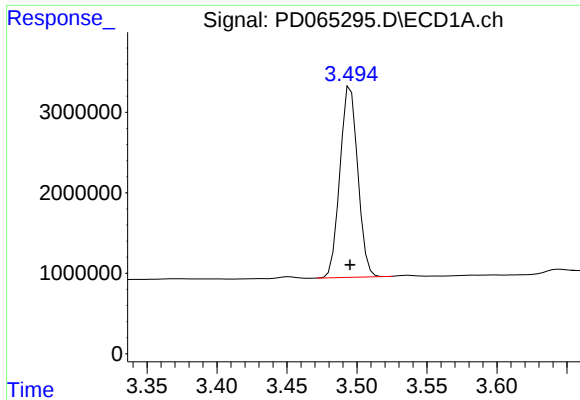
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Integration File signal 1: autoint1.e
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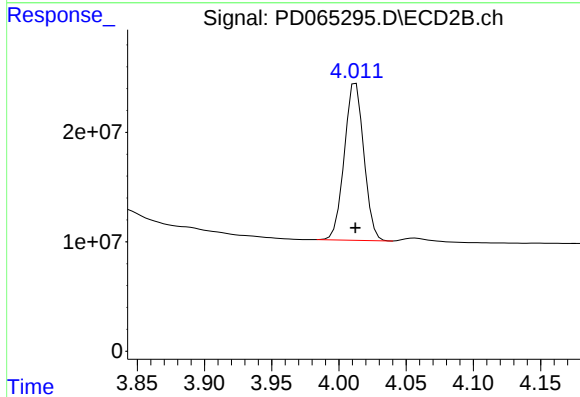
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.000 min
Response: 21084819
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

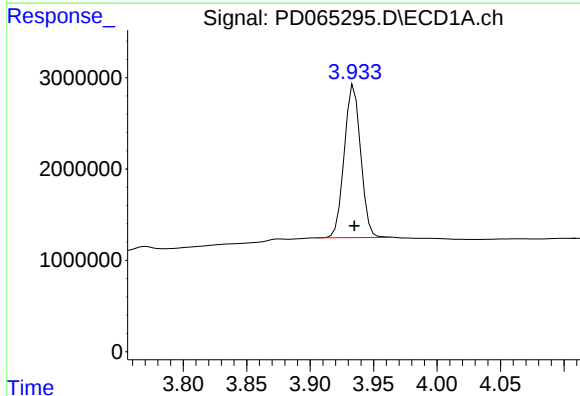
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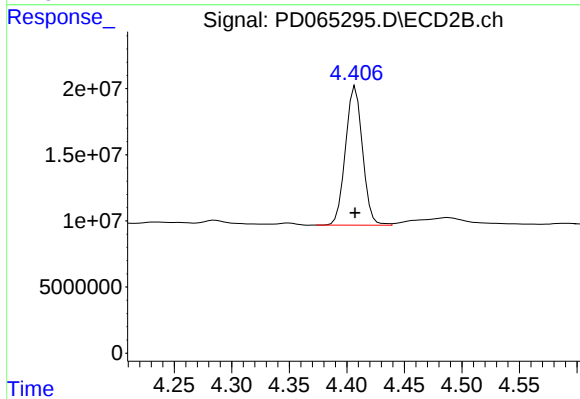
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 144875064
Conc: 21.19 ng/ml



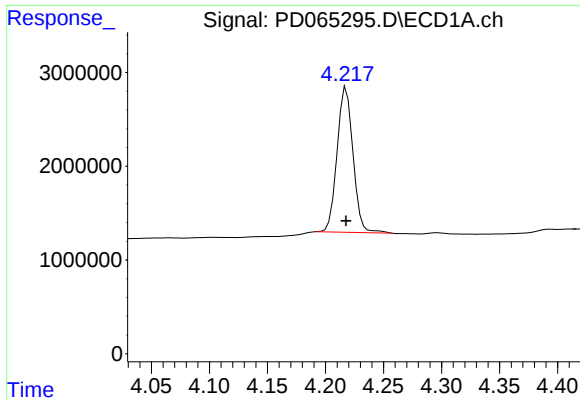
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15031261
Conc: 9.78 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 108639955
Conc: 10.98 ng/ml



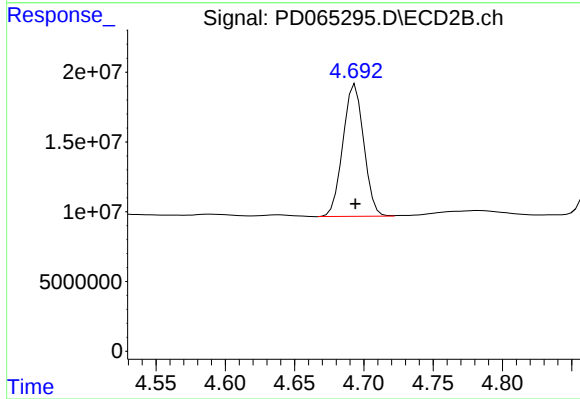
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14802497
Conc: 9.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

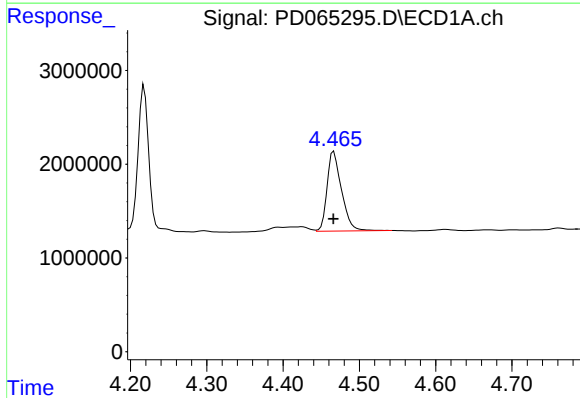
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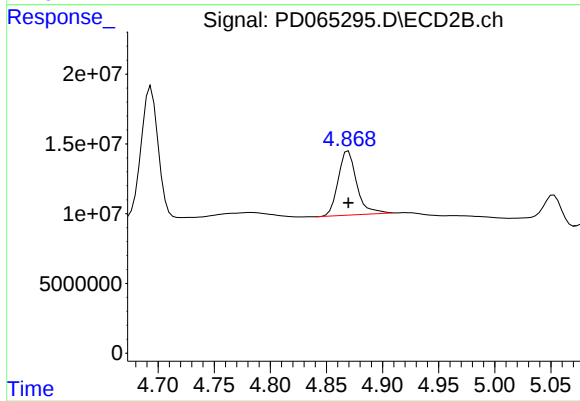
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 99280821
Conc: 11.03 ng/ml



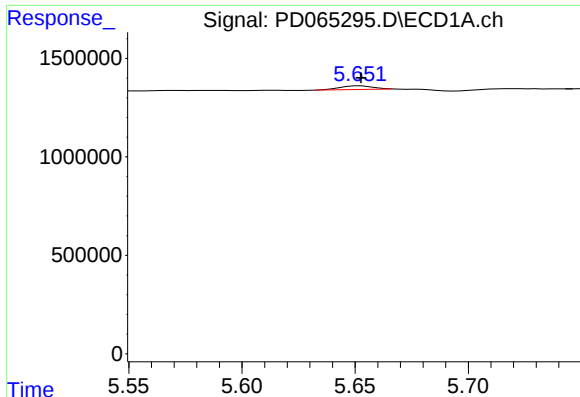
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 11146220
Conc: 12.07 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 53275311
Conc: 8.75 ng/ml



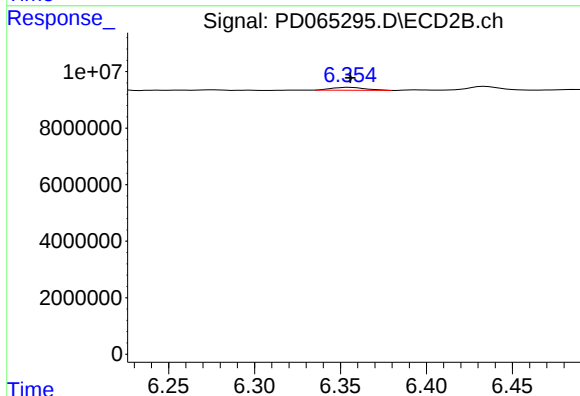
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 194707
Conc: 0.16 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

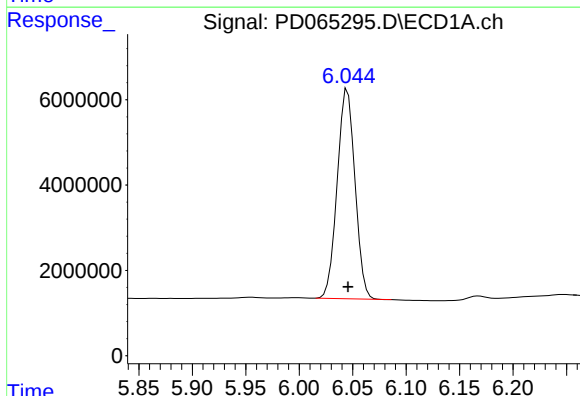
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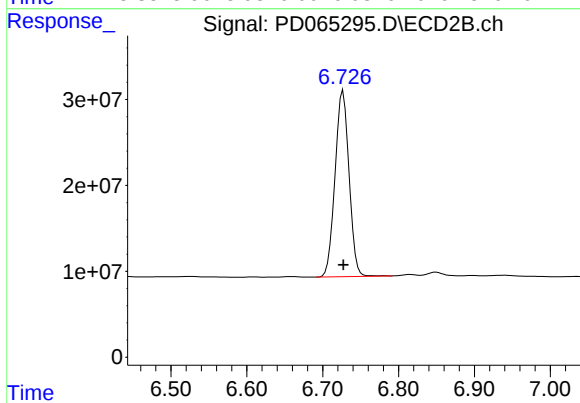
#12 4,4'-DDE

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 1424180
Conc: 0.23 ng/ml m



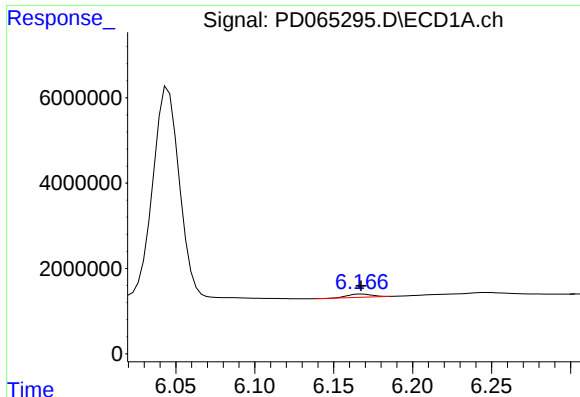
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 57018078
Conc: 47.59 ng/ml



#14 Endrin

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 277691603
Conc: 51.70 ng/ml



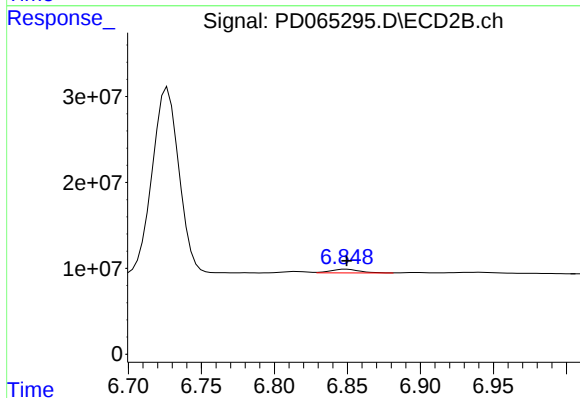
#16 4,4'-DDD

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 768279
Conc: 0.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

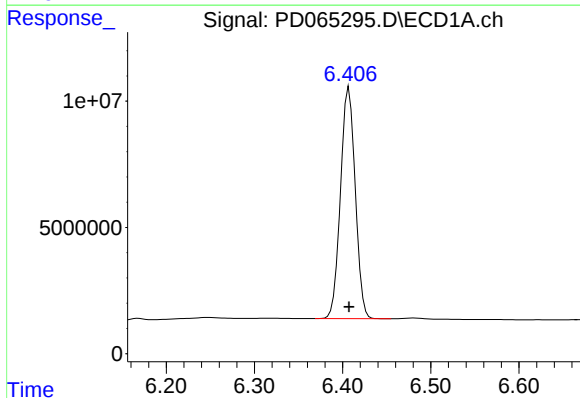
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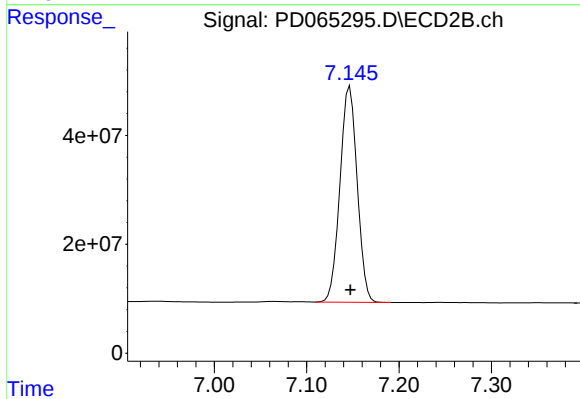
#16 4,4'-DDD

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 5721160
Conc: 1.10 ng/ml



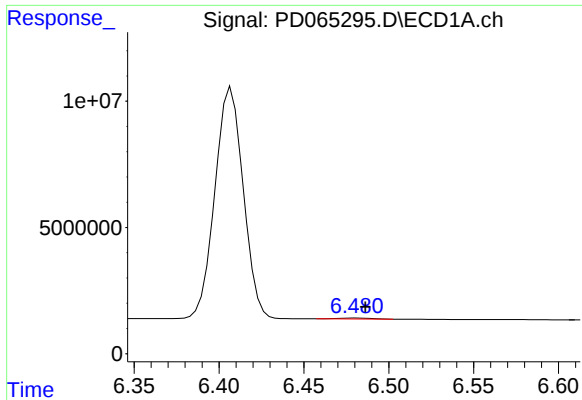
#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 106418790
Conc: 91.88 ng/ml



#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 513492422
Conc: 95.50 ng/ml



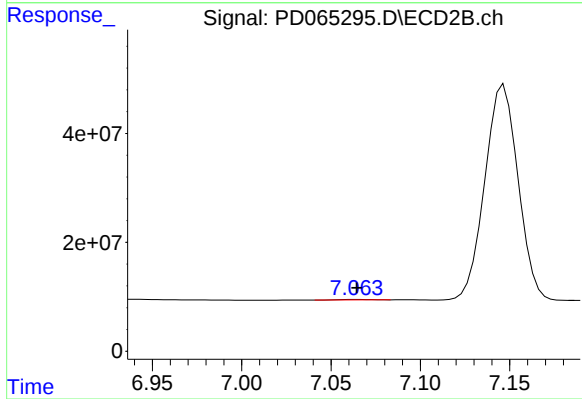
#18 Endrin aldehyde

R.T.: 6.480 min
Delta R.T.: -0.007 min
Response: 495481
Conc: 0.52 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

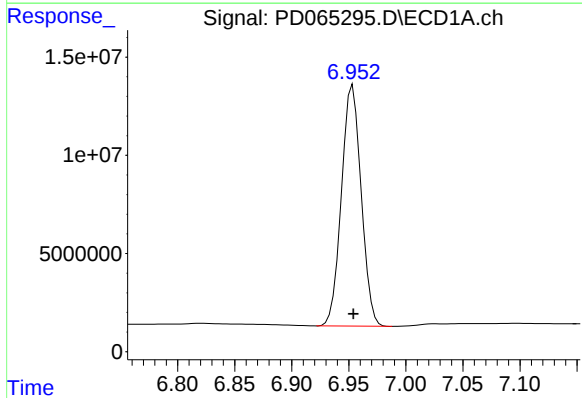
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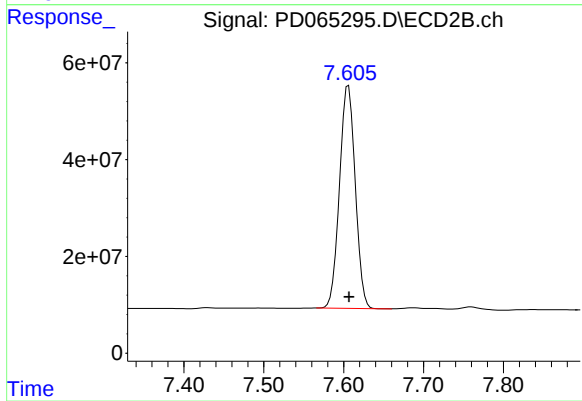
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 1029943
Conc: 0.24 ng/ml



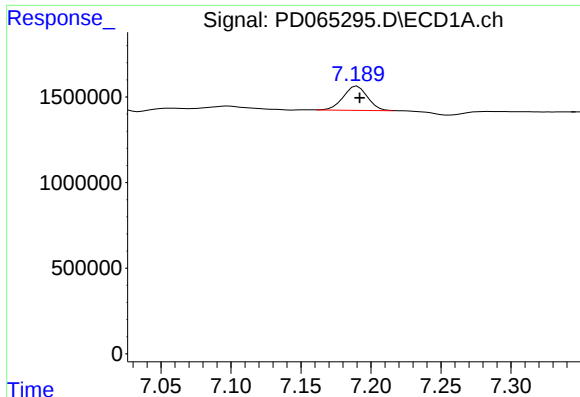
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 147608793
Conc: 210.15 ng/ml



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 631229557
Conc: 225.99 ng/ml



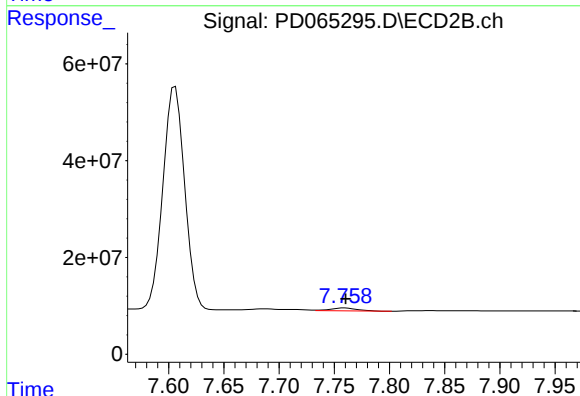
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 1708555
Conc: 1.16 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PEM

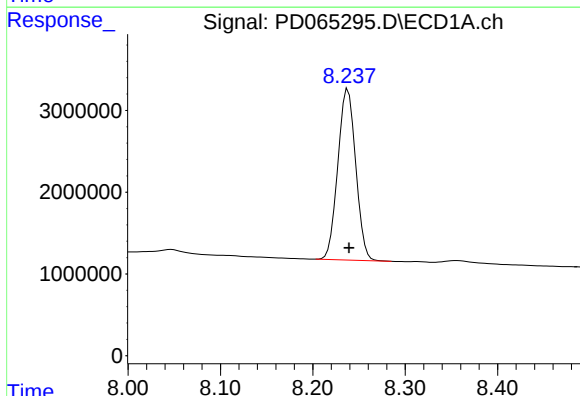
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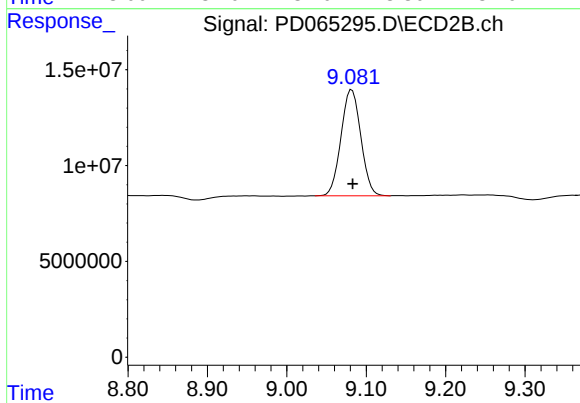
#21 Endrin ketone

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 9746044
Conc: 1.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 28175489
Conc: 20.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 96155310
Conc: 22.20 ng/ml