

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112724\
 Data File : PD086945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2024 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 13:49:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 13:46:45 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...	3.557	2.884	39428434	236.5E6	19.717	20.657
28)	SA Decachlor...	9.087	8.087	66521357	295.0E6	20.912	21.177
Target Compounds							
2)	A alpha-BHC	4.006	3.398	36235993	190.6E6	9.005	10.819
3)	MA gamma-BHC...	4.337	3.735	36102856	178.2E6	9.052	10.608
6)	B beta-BHC	4.521	4.030	16665842	81282986	10.567	11.349
14)	MA Endrin	6.584	5.798	139.0E6	647.4E6	45.935	46.283
16)	A 4,4'-DDD	6.713	5.940	578999	3015730	0.223m	0.240m
17)	MA 4,4'-DDT	7.031	6.195	289.8E6	1248.5E6	102.603	93.631
18)	B Endrin al...	6.924	6.268	3281809	20413104	1.342	1.840 #
20)	A Methoxychlor	7.503	6.766	379.1E6	1394.5E6	237.067	194.401
21)	B Endrin ke...	7.639	7.001	6424480	39136716	1.980	2.597 #

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

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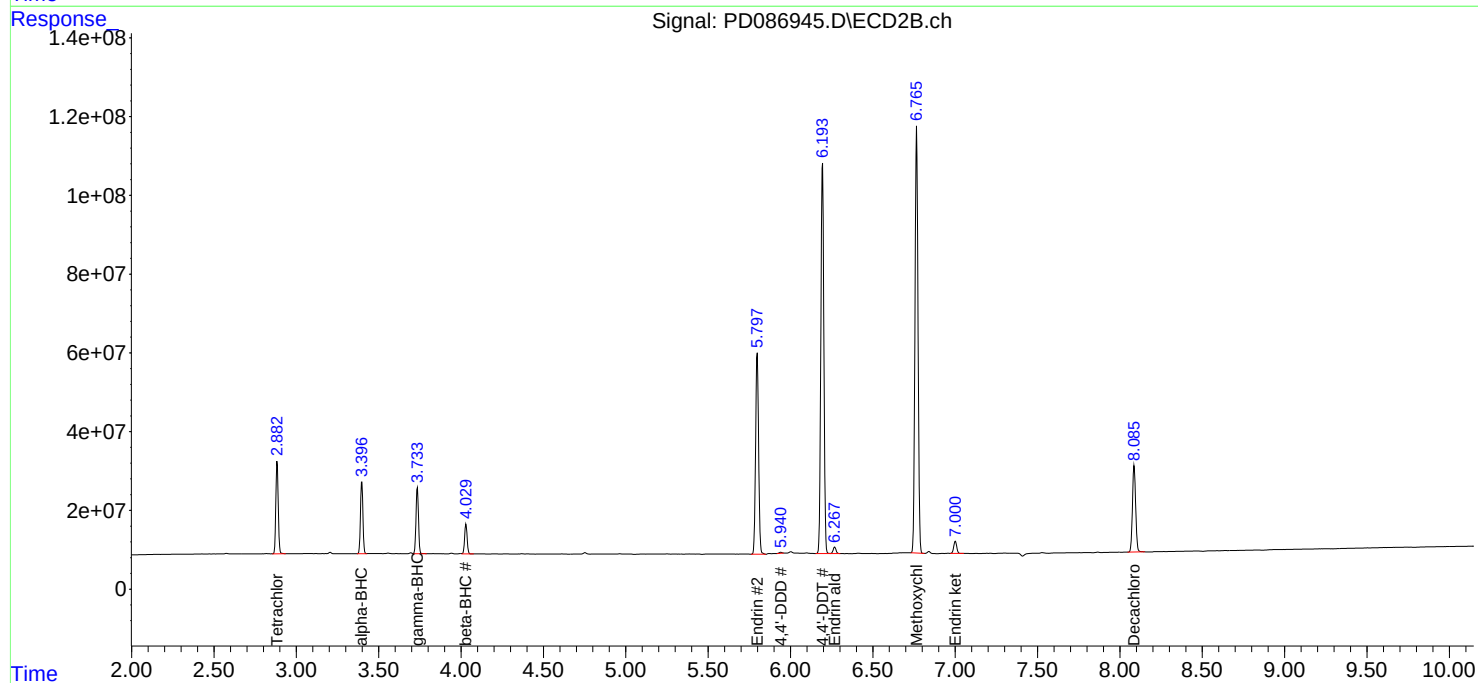
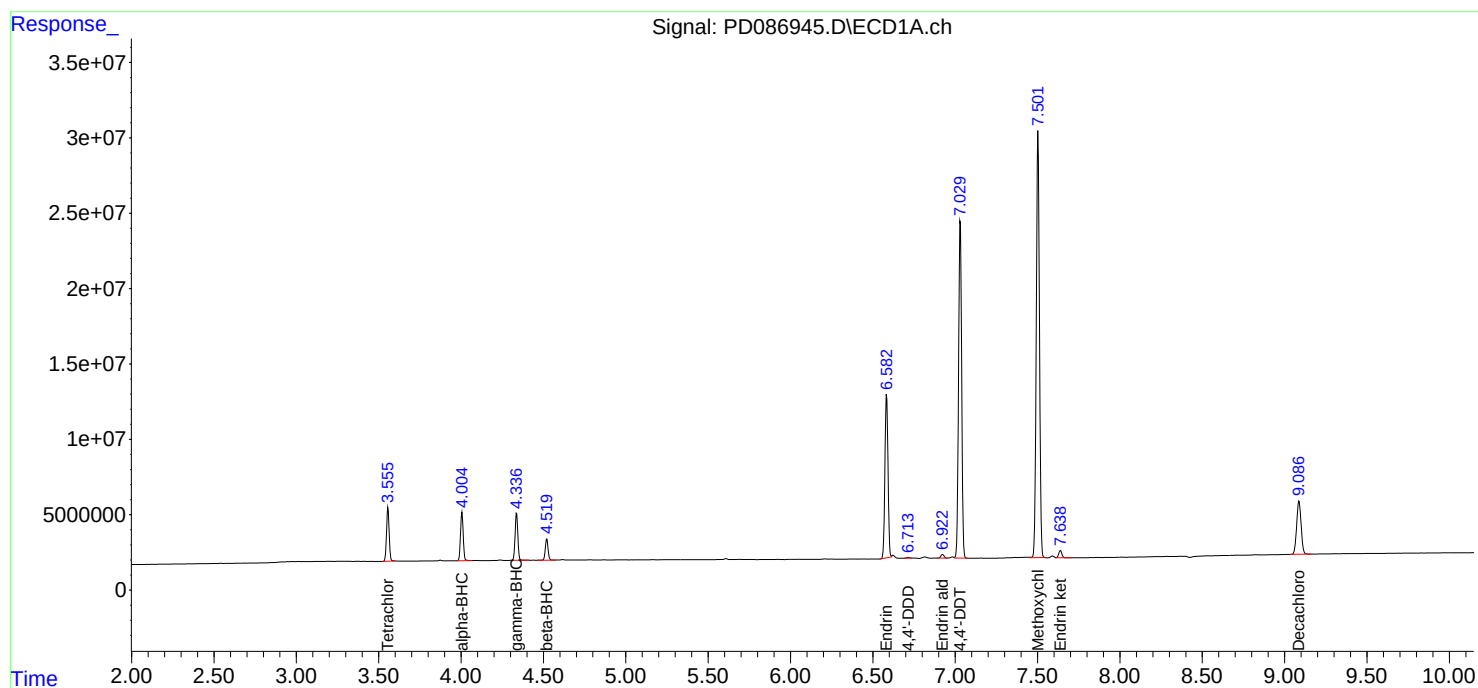
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ClientSampleId :
PEM

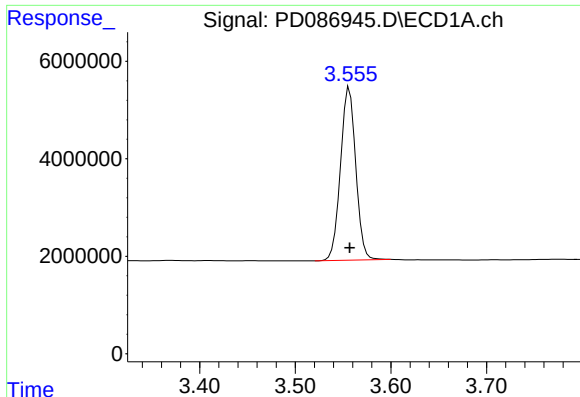
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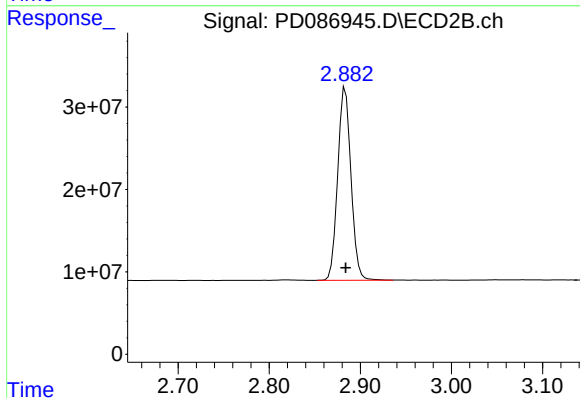
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 39428434
Conc: 19.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

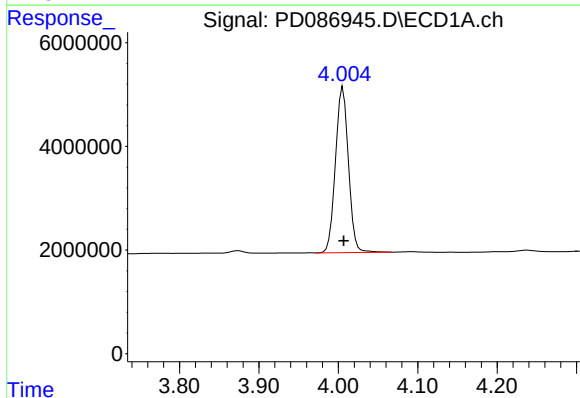
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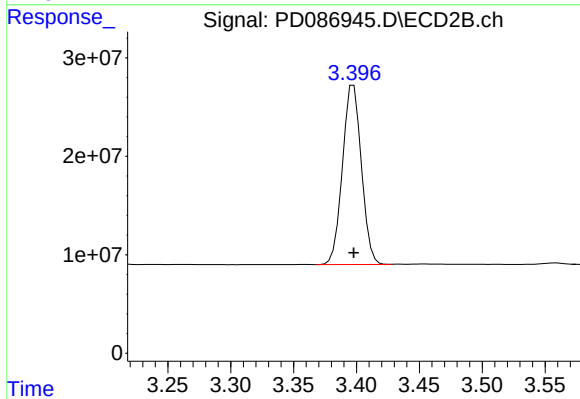
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 236451486
Conc: 20.66 ng/ml



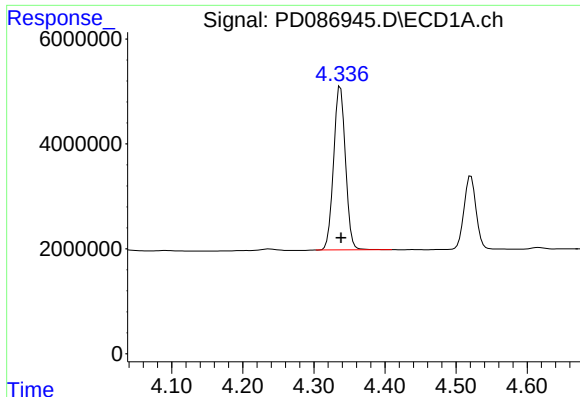
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 36235993
Conc: 9.00 ng/ml



#2 alpha-BHC

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 190641909
Conc: 10.82 ng/ml



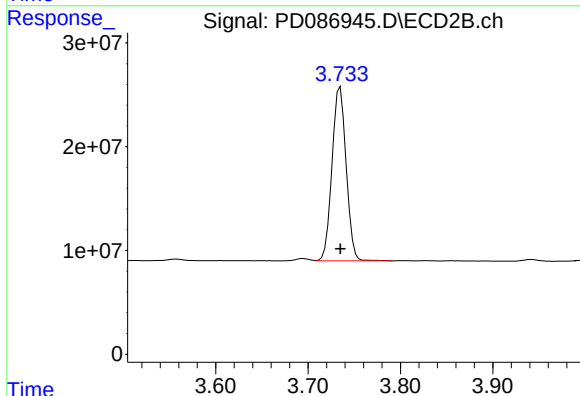
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 36102856
Conc: 9.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

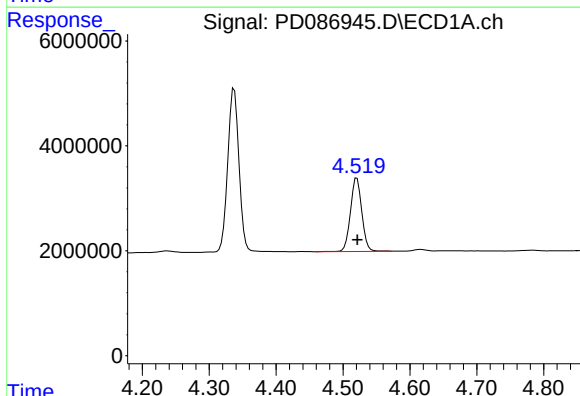
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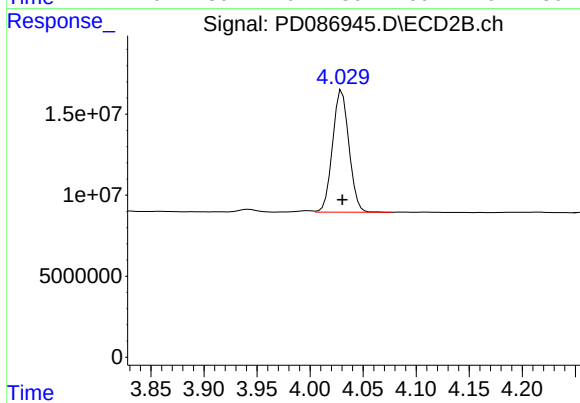
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 178166236
Conc: 10.61 ng/ml



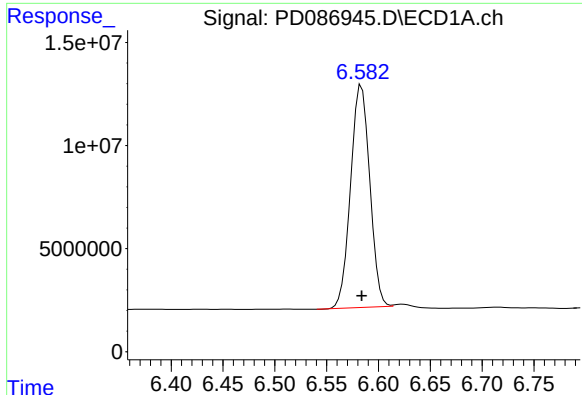
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 16665842
Conc: 10.57 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 81282986
Conc: 11.35 ng/ml



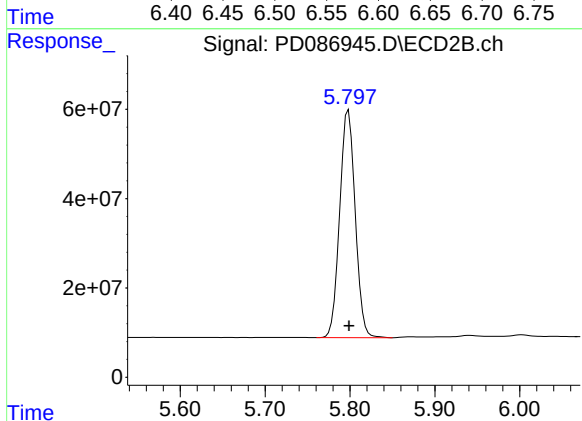
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 138997277
Conc: 45.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

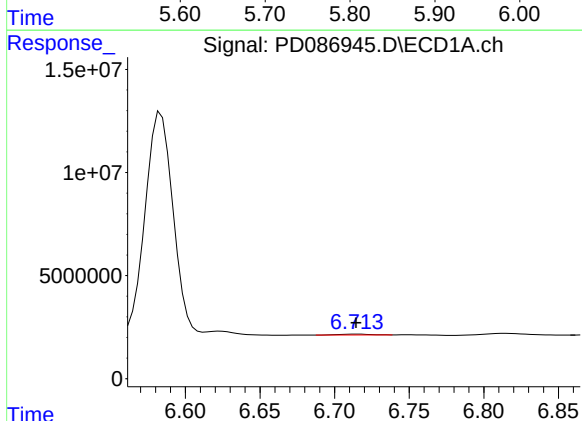
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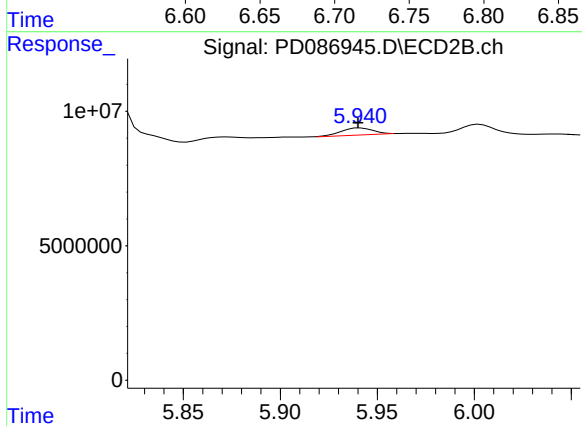
#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 647435177
Conc: 46.28 ng/ml



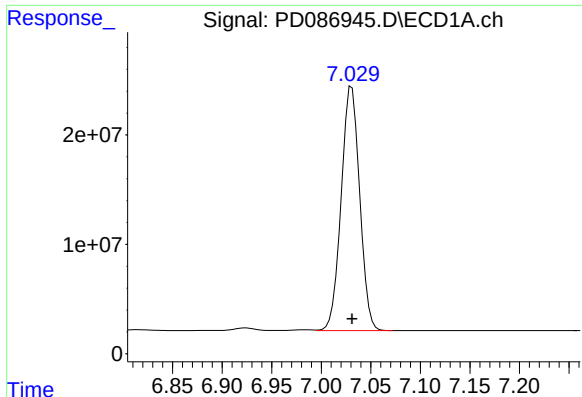
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 578999
Conc: 0.22 ng/ml m



#16 4,4'-DDD

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 3015730
Conc: 0.24 ng/ml m



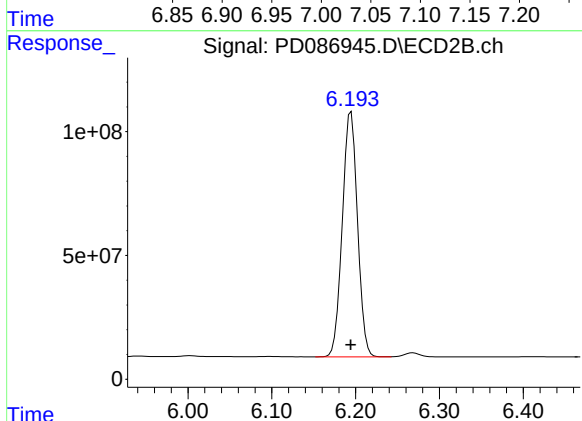
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 289843343
Conc: 102.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

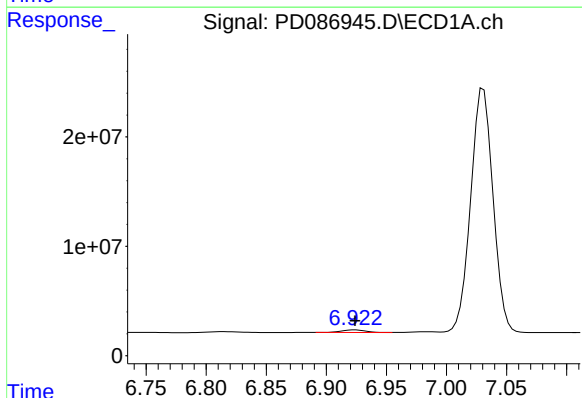
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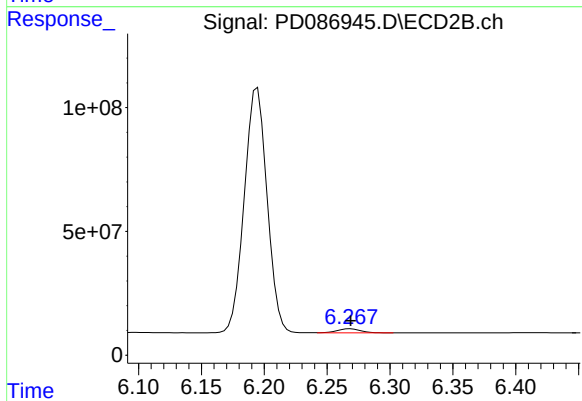
#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 1248459342
Conc: 93.63 ng/ml



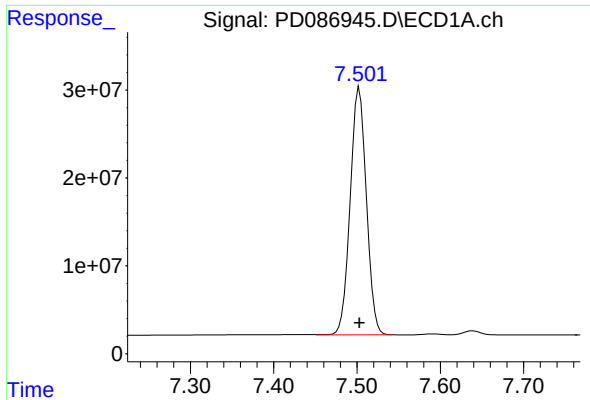
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 3281809
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 20413104
Conc: 1.84 ng/ml



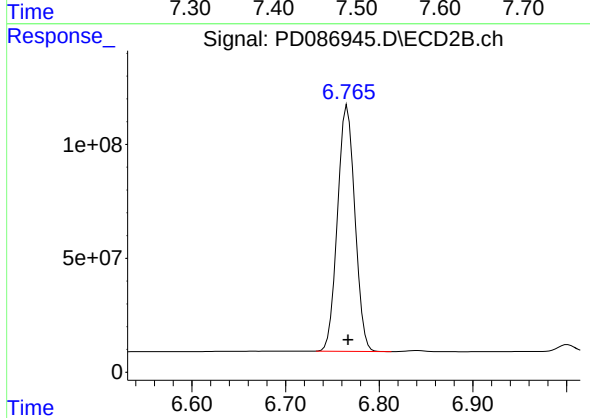
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 379137929
Conc: 237.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

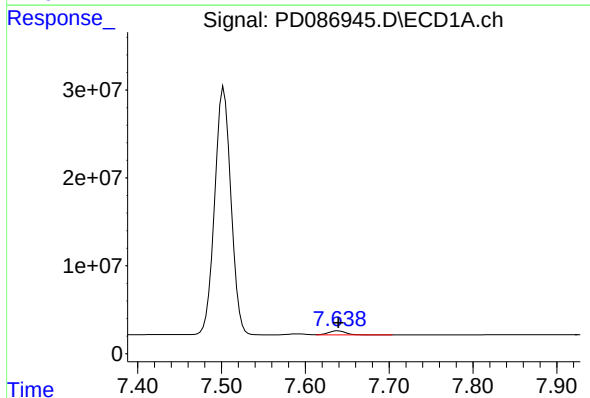
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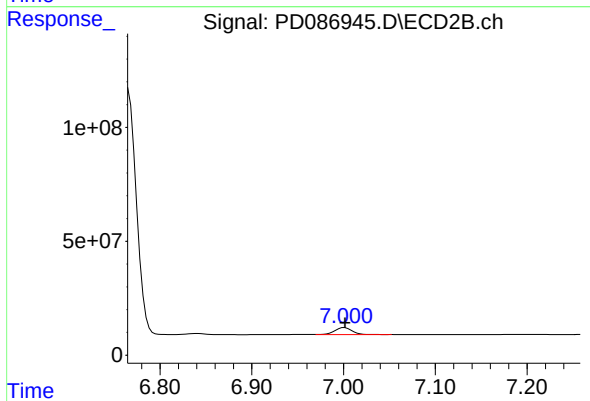
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 1394480011
Conc: 194.40 ng/ml



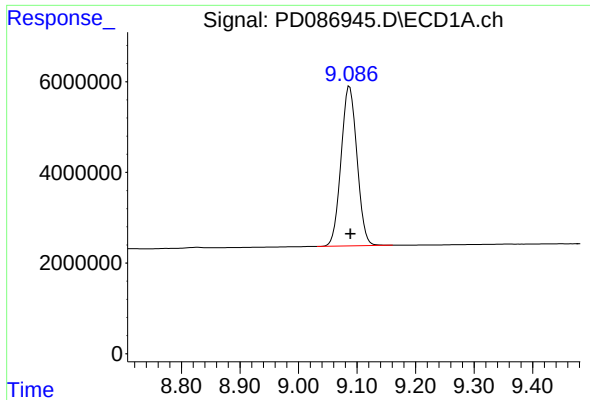
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 6424480
Conc: 1.98 ng/ml



#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 39136716
Conc: 2.60 ng/ml



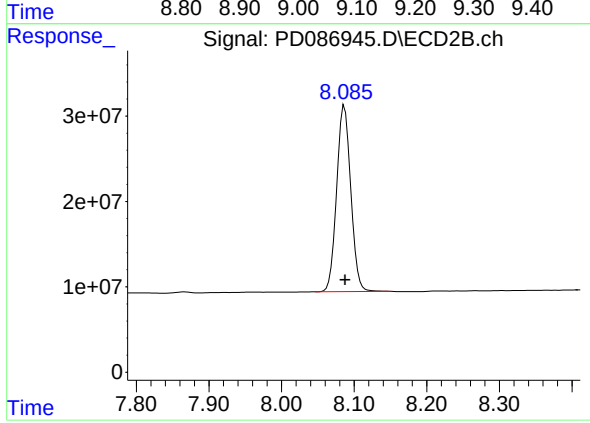
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.001 min
Response: 66521357
Conc: 20.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 295049017
Conc: 21.18 ng/ml