

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
 Data File : PD082414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2024 14:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/15/2024
 Supervised By :Ankita Jodhani 04/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 15:02:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041324.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 12 14:27:32 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...	3.565	2.775	31374890	71250638	19.378	17.830
28)	SA Decachlor...	9.125	7.913	41707406	66714303	19.423	19.219
Target Compounds							
2)	A alpha-BHC	4.023	3.276	25631636	53973513	8.975	9.120
3)	MA gamma-BHC...	4.357	3.605	24699499	48723848	8.914	8.793
6)	B beta-BHC	4.553	3.901	10834405	22167973	9.835	9.985
14)	MA Endrin	6.617	5.636	81258284	174.6E6	40.476	43.791
16)	A 4,4'-DDD	6.750	5.784	925320	2001862	0.528	0.583
17)	MA 4,4'-DDT	7.066	6.035	166.7E6	344.5E6	87.951	98.200
18)	B Endrin al...	6.967	6.111	2207921	5102986	1.409	1.783 #
20)	A Methoxychlor	7.540	6.610	215.2E6	417.3E6	204.933m	219.522
21)	B Endrin ke...	7.690	6.838	4529399	10254241	2.134	2.455

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

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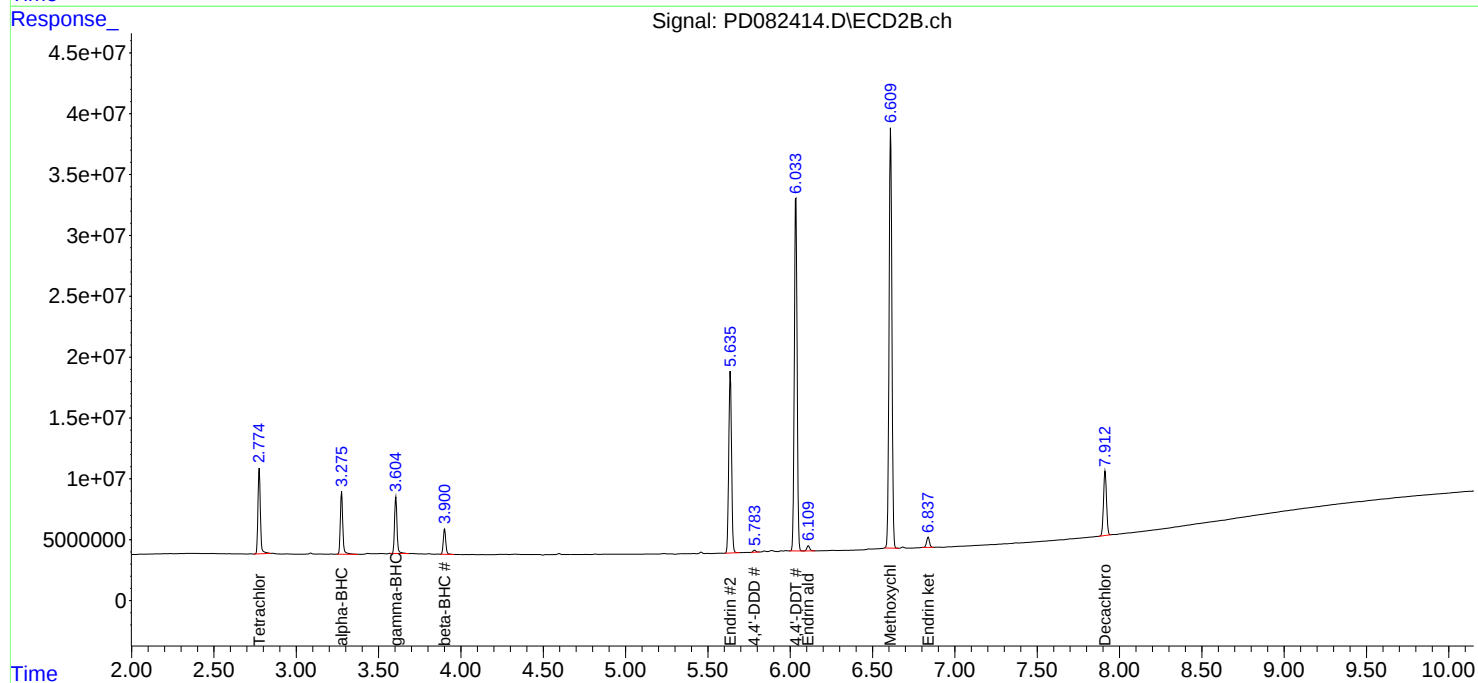
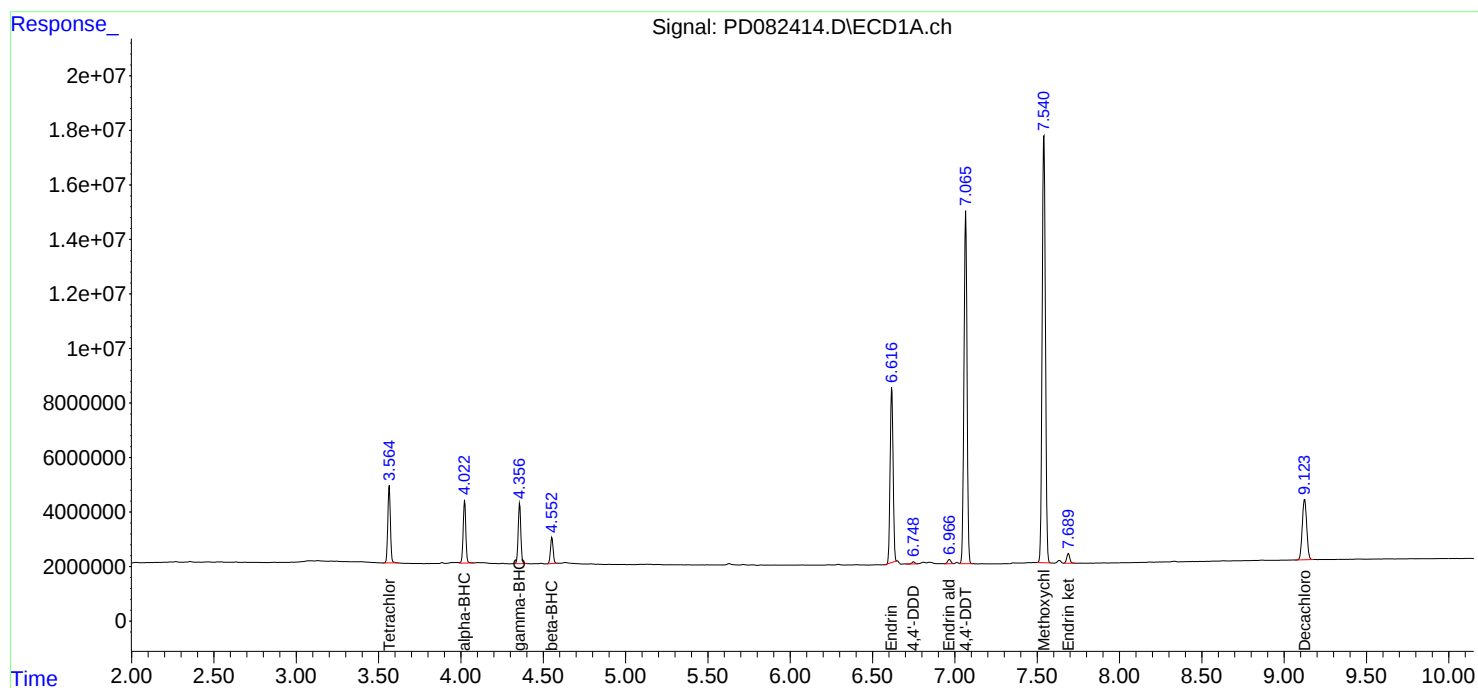
Instrument :
ECD_D
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PEM

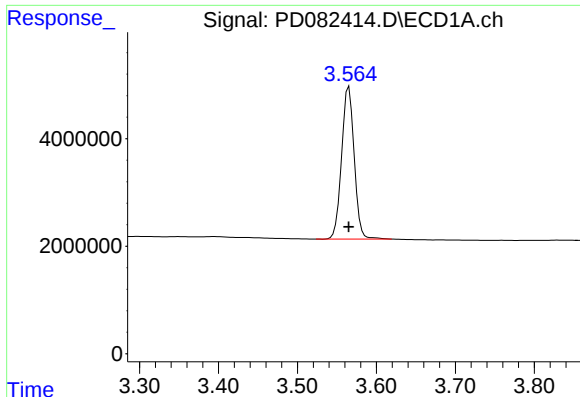
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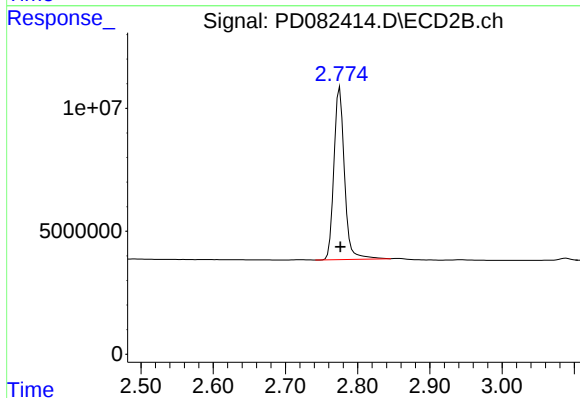
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31374890
Conc: 19.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

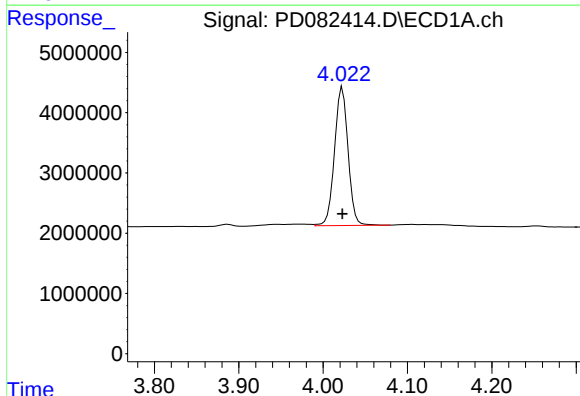
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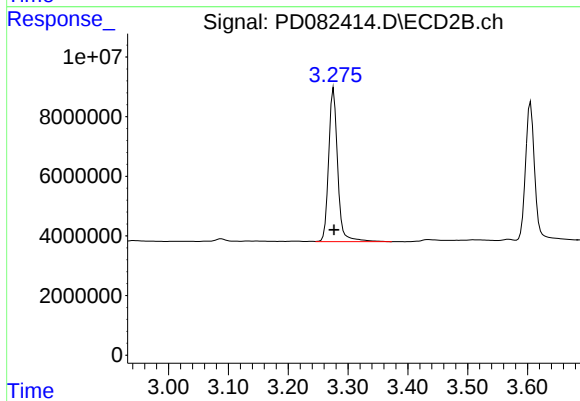
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 71250638
Conc: 17.83 ng/ml



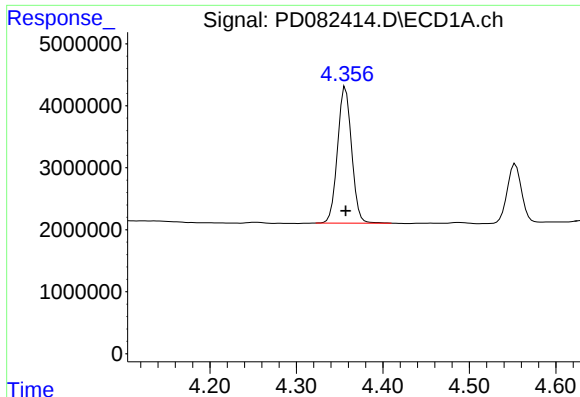
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 25631636
Conc: 8.98 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 53973513
Conc: 9.12 ng/ml



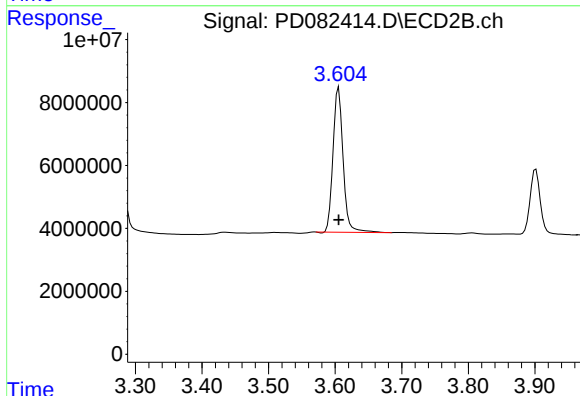
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 24699499
Conc: 8.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

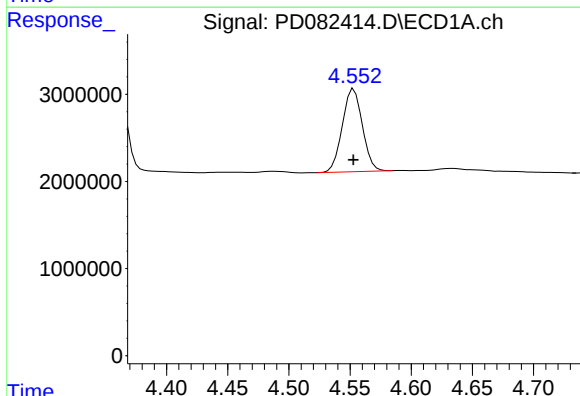
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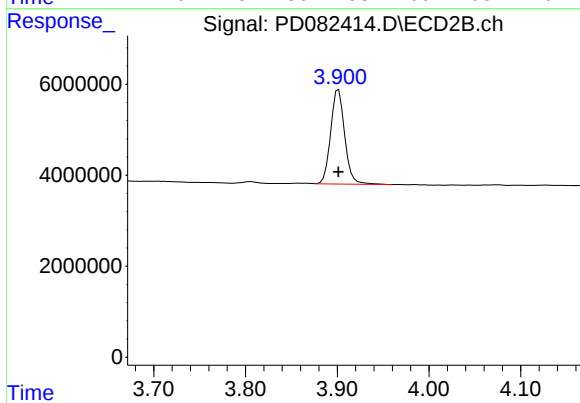
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 48723848
Conc: 8.79 ng/ml



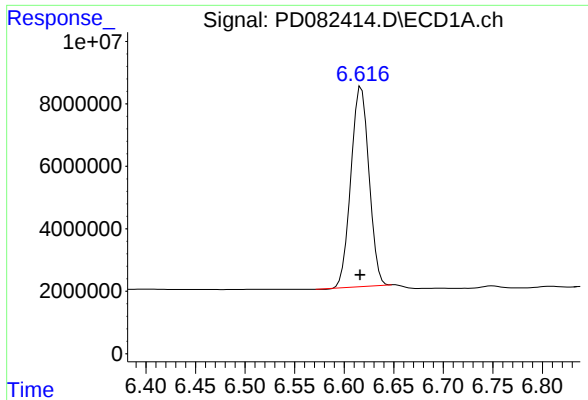
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 10834405
Conc: 9.84 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 22167973
Conc: 9.98 ng/ml



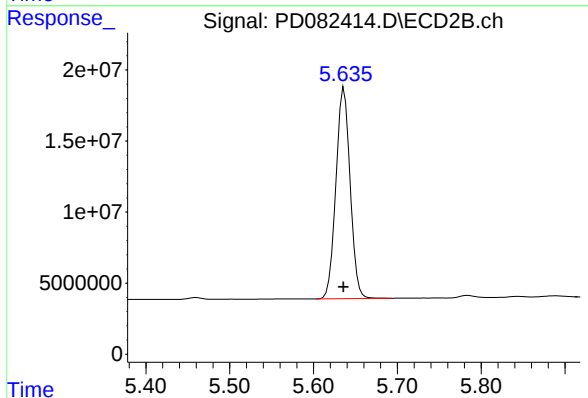
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 81258284
Conc: 40.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

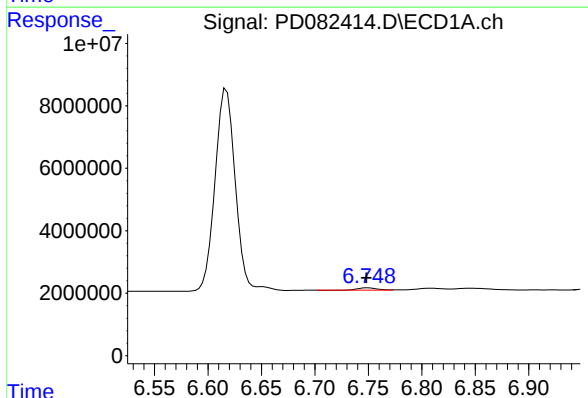
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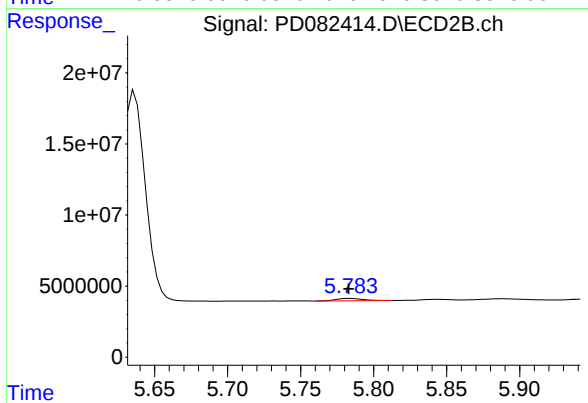
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 174628073
Conc: 43.79 ng/ml



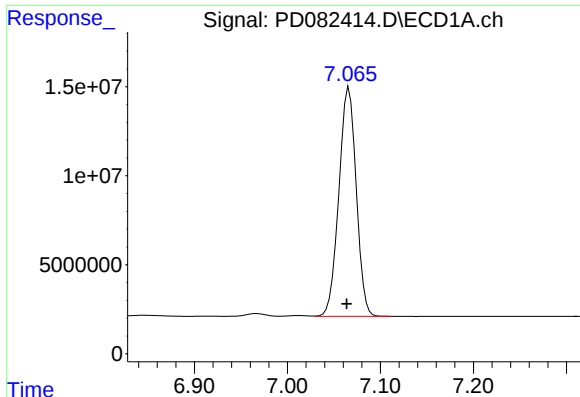
#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 925320
Conc: 0.53 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.001 min
Response: 2001862
Conc: 0.58 ng/ml



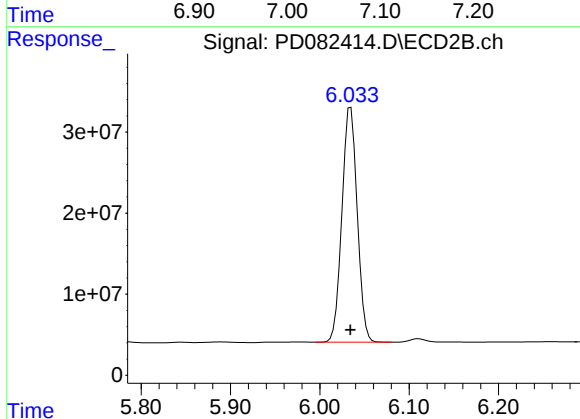
#17 4,4'-DDT

R.T.: 7.066 min
Delta R.T.: 0.002 min
Response: 166685331
Conc: 87.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

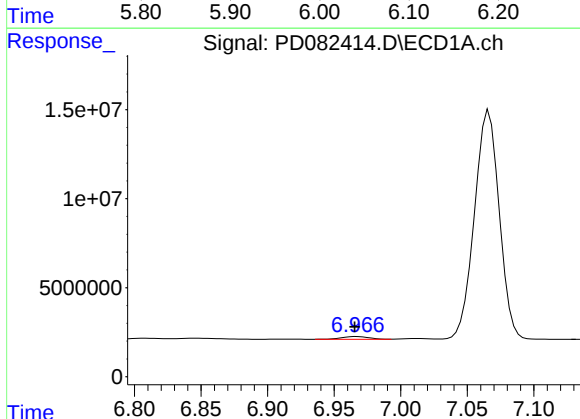
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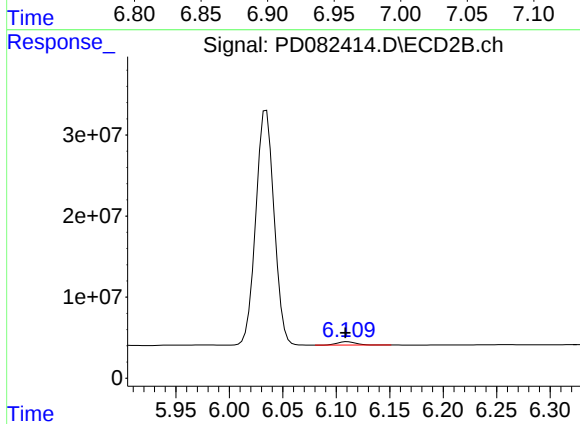
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 344506298
Conc: 98.20 ng/ml



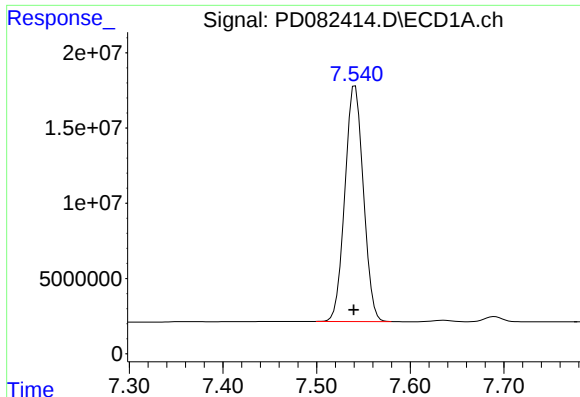
#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: 0.002 min
Response: 2207921
Conc: 1.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 5102986
Conc: 1.78 ng/ml



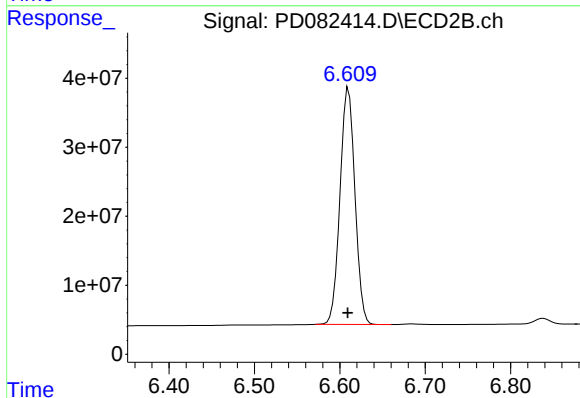
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 215153248
Conc: 204.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

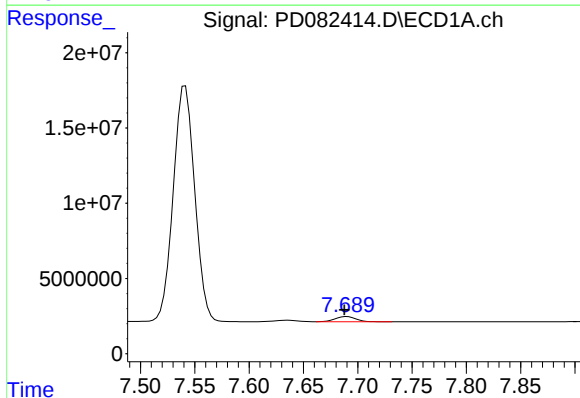
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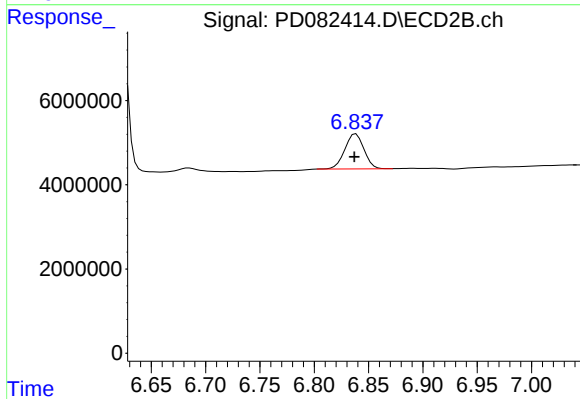
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 417280454
Conc: 219.52 ng/ml



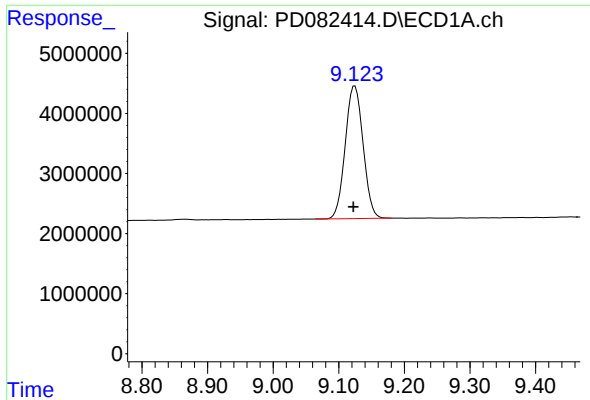
#21 Endrin ketone

R.T.: 7.690 min
Delta R.T.: 0.002 min
Response: 4529399
Conc: 2.13 ng/ml



#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 10254241
Conc: 2.46 ng/ml



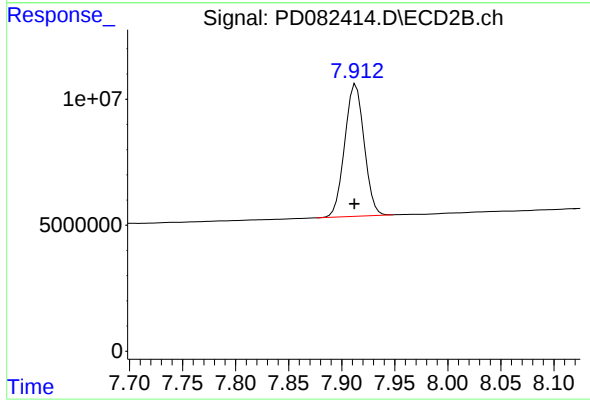
#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.002 min
Response: 41707406
Conc: 19.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.001 min
Response: 66714303
Conc: 19.22 ng/ml