

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

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
5)	MB Aldrin	0.000	4.237	0	740568	N.D.	0.138 #
6)	B beta-BHC	4.553	3.901	10834405	22167973	9.835	9.985
8)	B Heptachlo...	5.715	4.728	588283	126851	0.241	0.027 #
12)	B 4,4'-DDE	0.000	5.234	0	598658	N.D.	0.142 #
13)	MA Dieldrin	0.000	5.359	0	156643	N.D.	0.034 #
14)	MA Endrin	6.617	5.636	81258284	174.6E6	40.476	43.791
15)	B Endosulfa...	6.846	5.946f	1359128	305408	0.629	0.080 #
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 #
19)	B Endosulfa...	0.000	6.319	0	164736	N.D.	0.046 #
20)	A Methoxychlor	7.541	6.610	212.3E6	417.3E6	202.232	219.522
21)	B Endrin ke...	7.690	6.838	4529399	10254241	2.134	2.455
22)	Mirex	8.194f	0.000	105277	0	0.064	N.D. #
23)	Chlordane-1	0.000	3.806f	0	261928	N.D.	1.800 #
24)	Chlordane-2	0.000	4.328	0	2571859	N.D.	15.601 #
27)	Chlordane-5	0.000	5.946	0	305408	N.D.	1.968 #

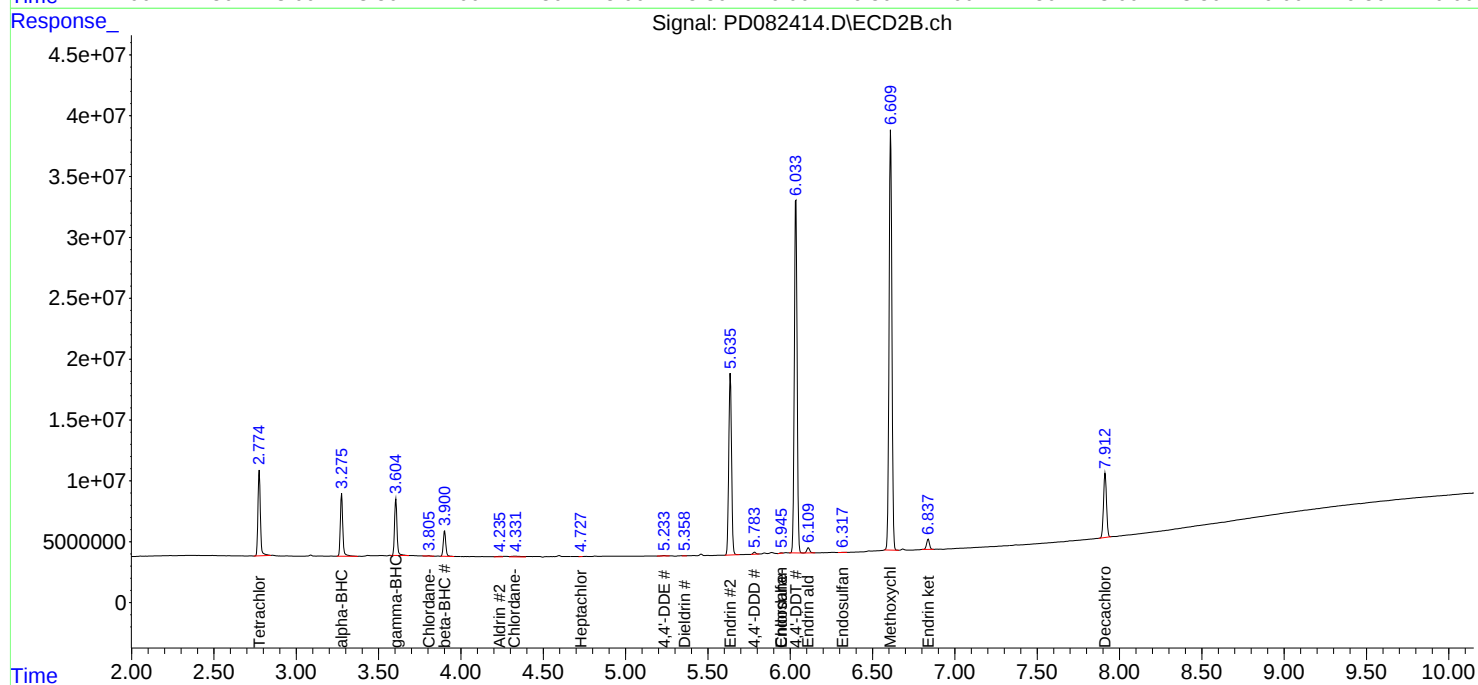
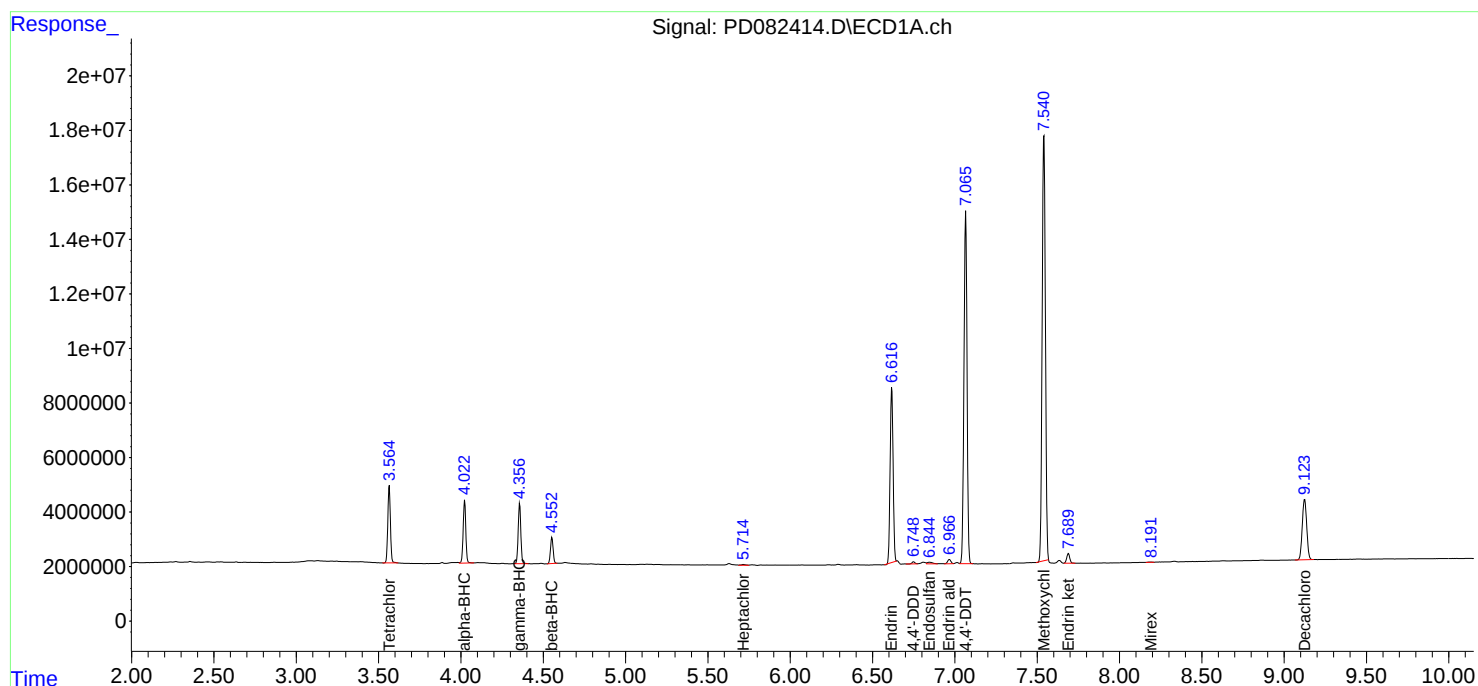
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

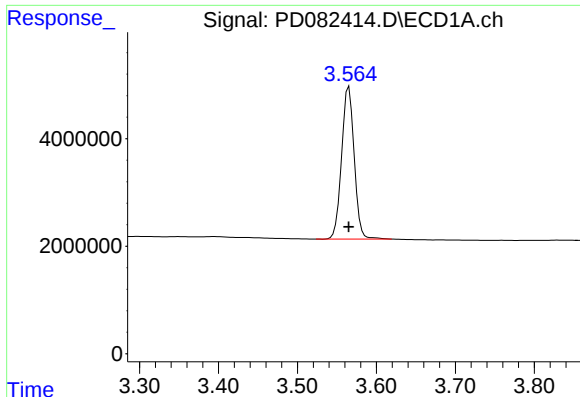
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041324\
Data File : PD082414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2024 14:54
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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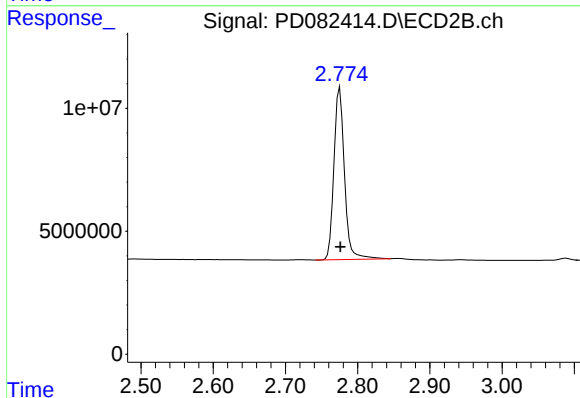




#1 Tetrachloro-m-xylene

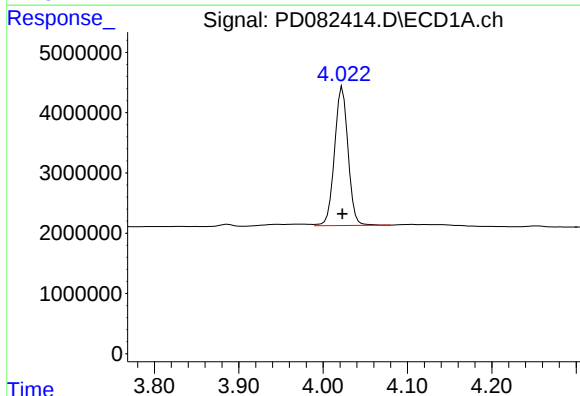
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31374890
Conc: 19.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



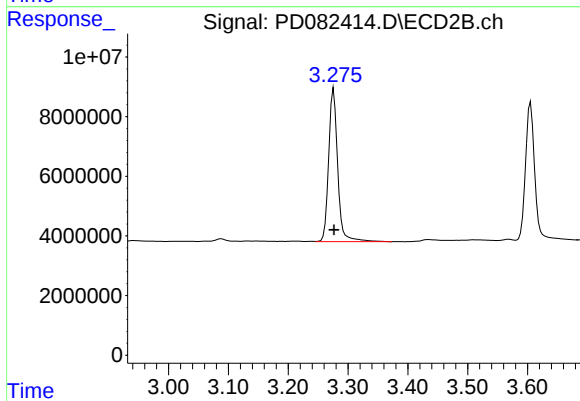
#1 Tetrachloro-m-xylene

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



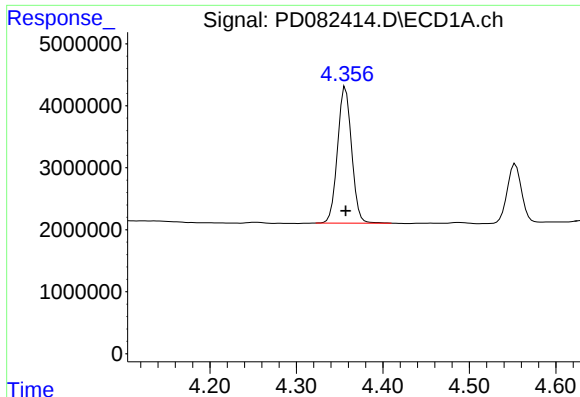
#2 alpha-BHC

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



#2 alpha-BHC

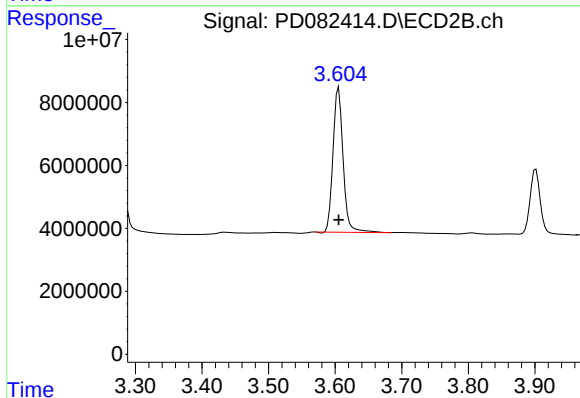
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 53973513
Conc: 9.12 ng/ml



#3 gamma-BHC (Lindane)

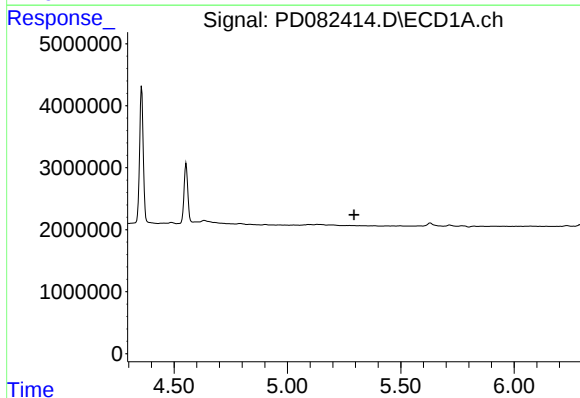
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 24699499
Conc: 8.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



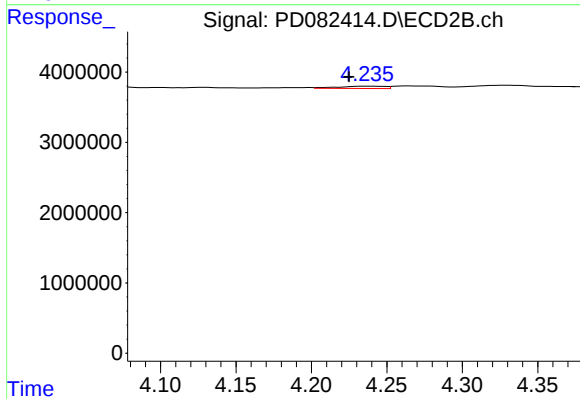
#3 gamma-BHC (Lindane)

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



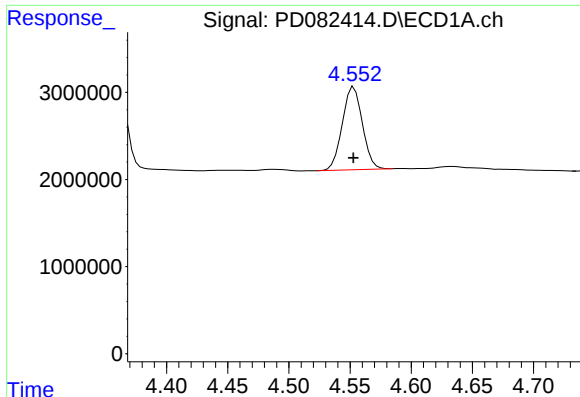
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.



#5 Aldrin

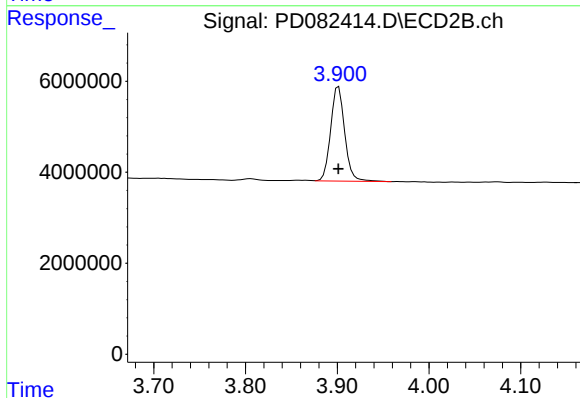
R.T.: 4.237 min
Delta R.T.: 0.012 min
Response: 740568
Conc: 0.14 ng/ml



#6 beta-BHC

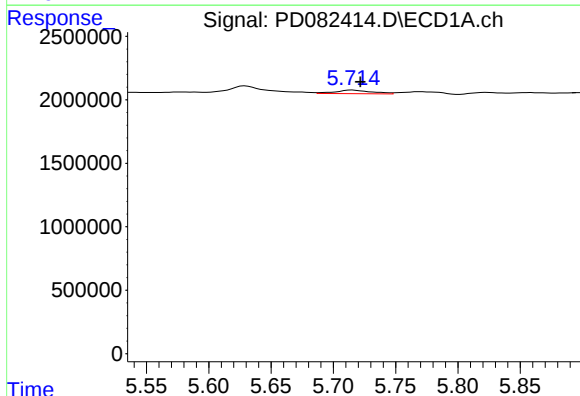
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 10834405
Conc: 9.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



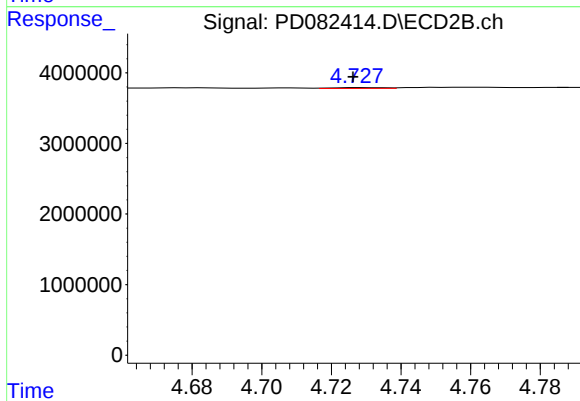
#6 beta-BHC

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



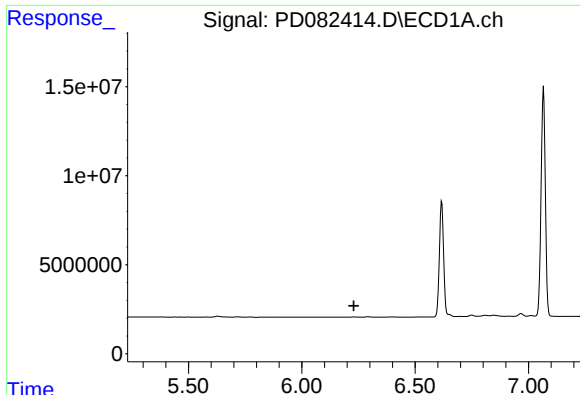
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.006 min
Response: 588283
Conc: 0.24 ng/ml



#8 Heptachlor epoxide

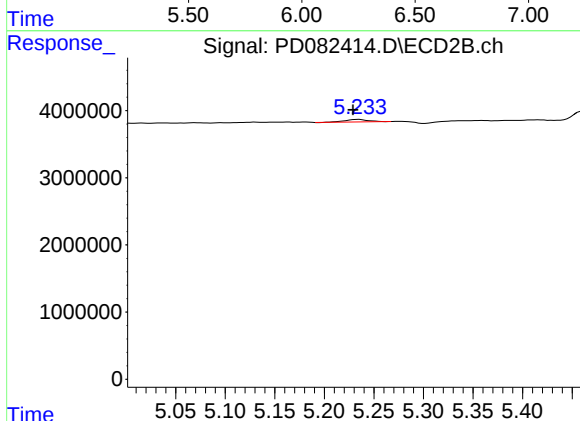
R.T.: 4.728 min
Delta R.T.: 0.002 min
Response: 126851
Conc: 0.03 ng/ml



#12 4,4'-DDE

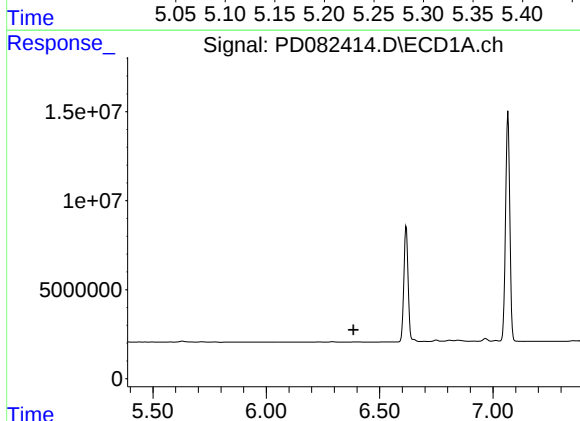
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



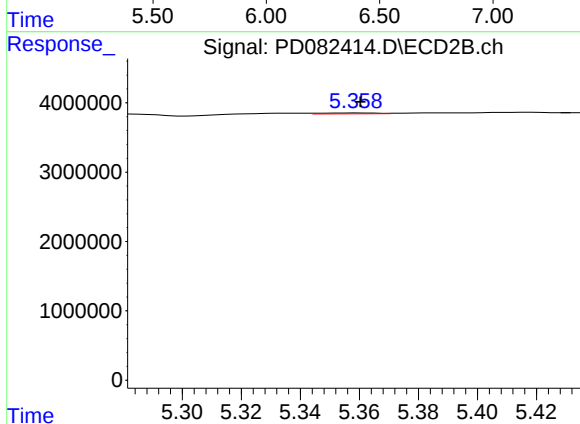
#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.005 min
Response: 598658
Conc: 0.14 ng/ml



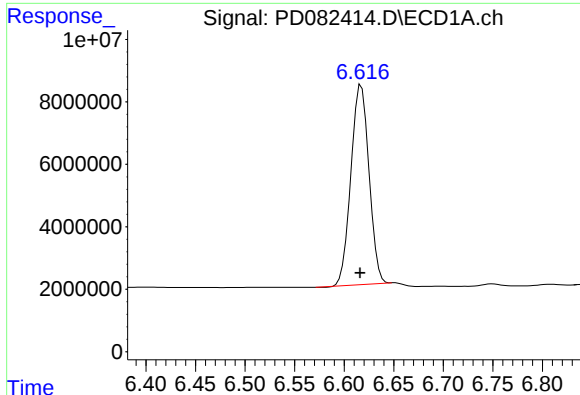
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.385 min
Response: 0
Conc: N.D.



#13 Dieldrin

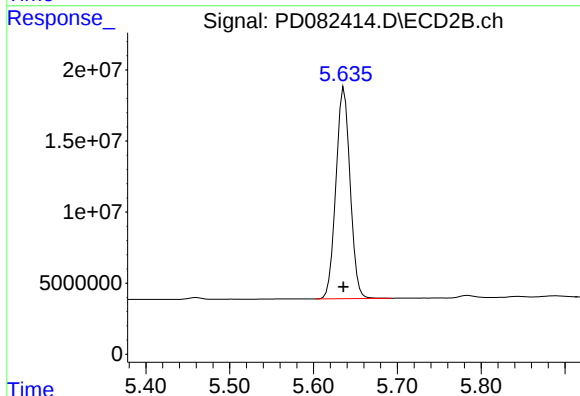
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 156643
Conc: 0.03 ng/ml



#14 Endrin

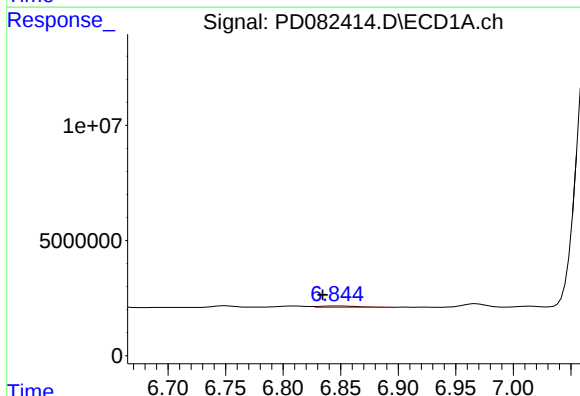
R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 81258284
Conc: 40.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



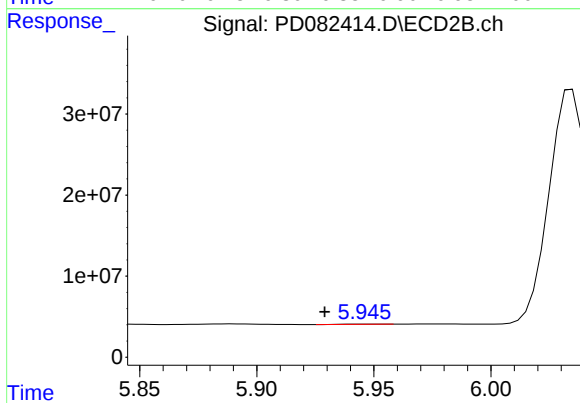
#14 Endrin

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



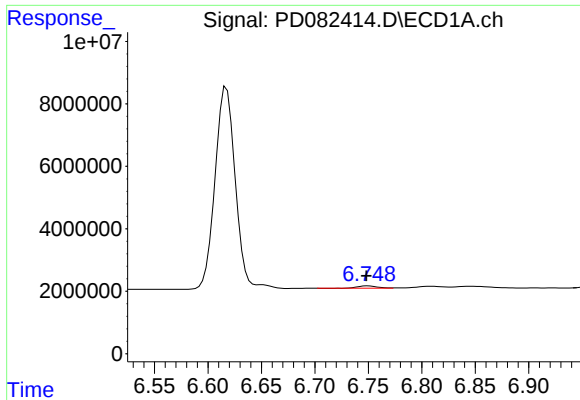
#15 Endosulfan II

R.T.: 6.846 min
Delta R.T.: 0.011 min
Response: 1359128
Conc: 0.63 ng/ml



#15 Endosulfan II

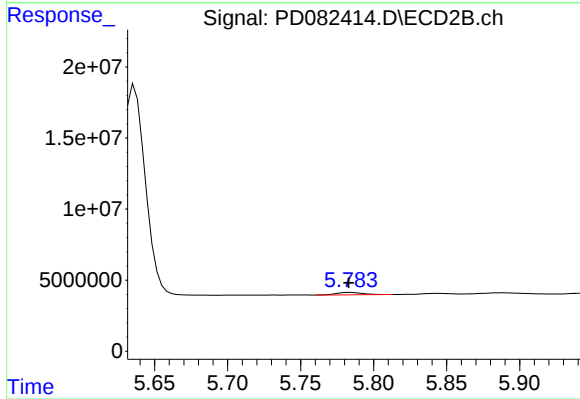
R.T.: 5.946 min
Delta R.T.: 0.017 min
Response: 305408
Conc: 0.08 ng/ml



#16 4,4'-DDD

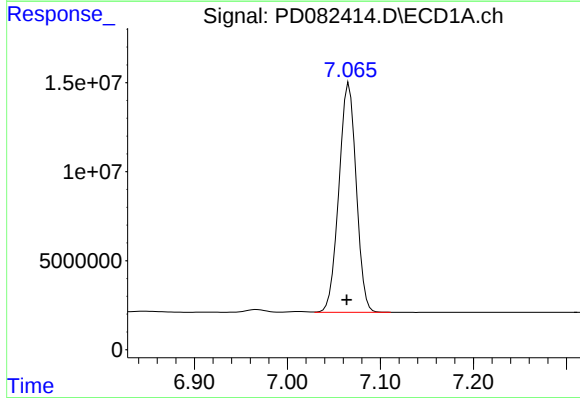
R.T.: 6.750 min
Delta R.T.: 0.001 min
Response: 925320
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



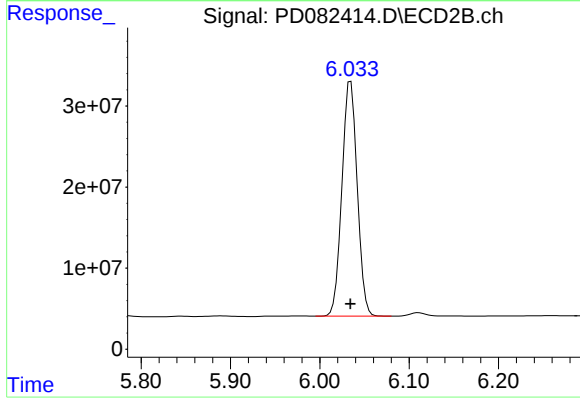
#16 4,4'-DDD

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



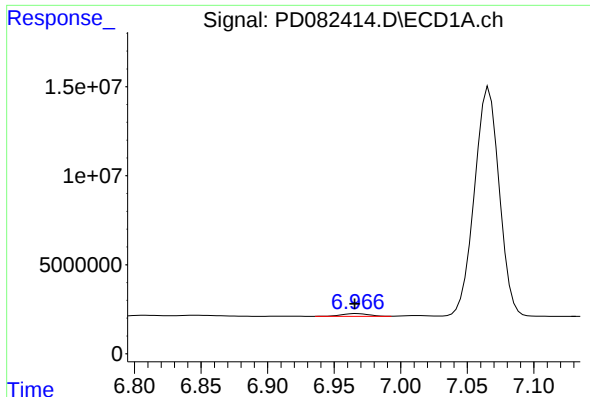
#17 4,4'-DDT

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



#17 4,4'-DDT

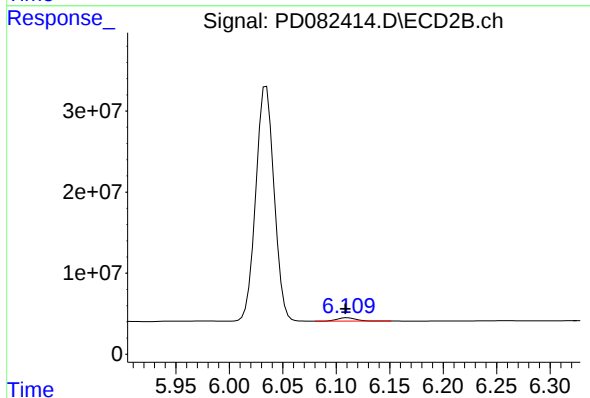
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 344506298
Conc: 98.20 ng/ml



#18 Endrin aldehyde

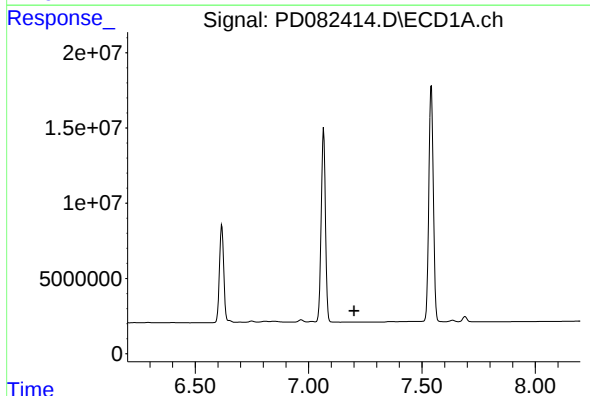
R.T.: 6.967 min
Delta R.T.: 0.002 min
Response: 2207921
Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



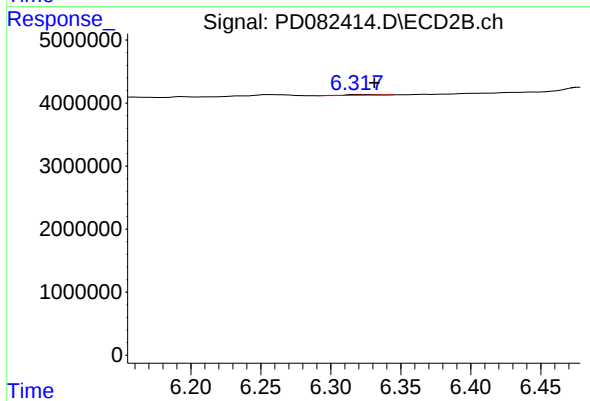
#18 Endrin aldehyde

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



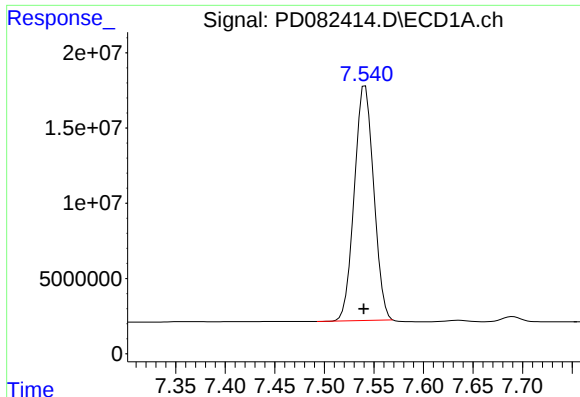
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.201 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

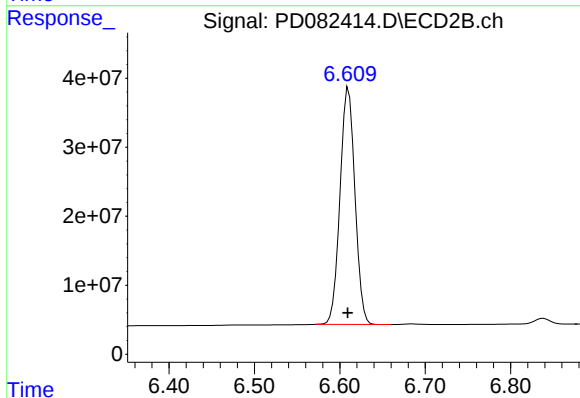
R.T.: 6.319 min
Delta R.T.: -0.013 min
Response: 164736
Conc: 0.05 ng/ml



#20 Methoxychlor

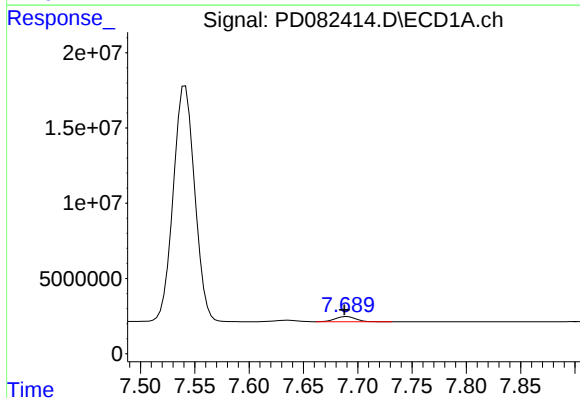
R.T.: 7.541 min
Delta R.T.: 0.002 min
Response: 212317524
Conc: 202.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



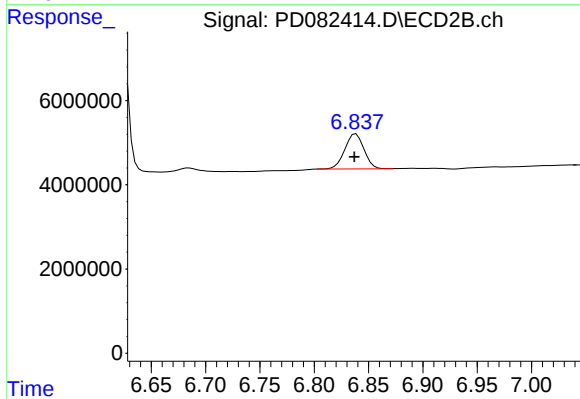
#20 Methoxychlor

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



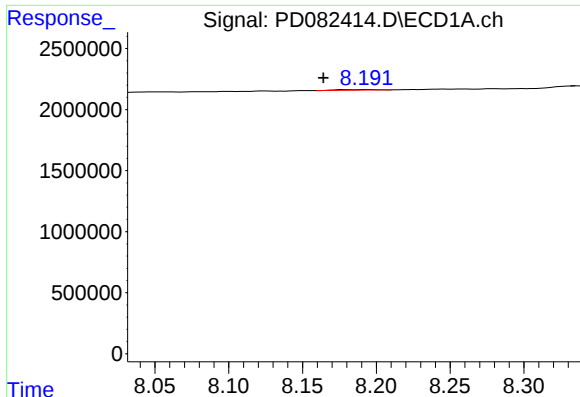
#21 Endrin ketone

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



#21 Endrin ketone

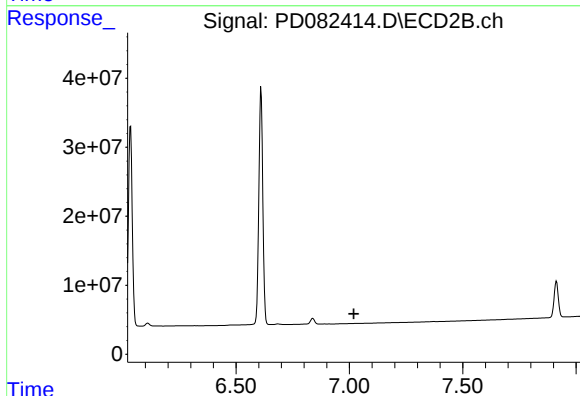
R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 10254241
Conc: 2.46 ng/ml



#22 Mirex

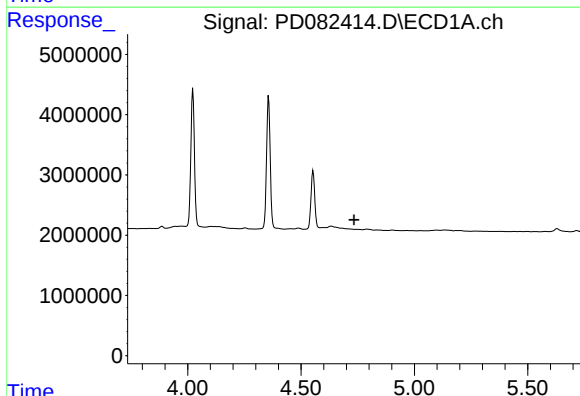
R.T.: 8.194 min
Delta R.T.: 0.030 min
Response: 105277
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



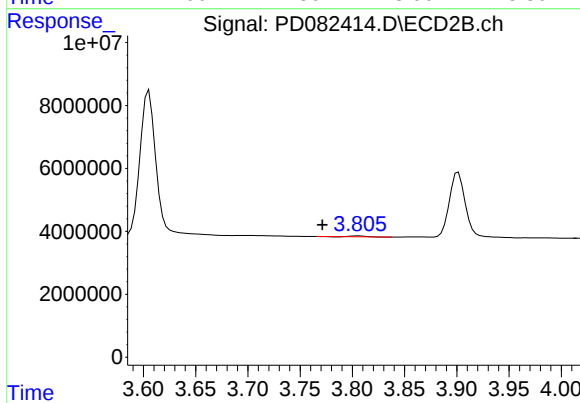
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.



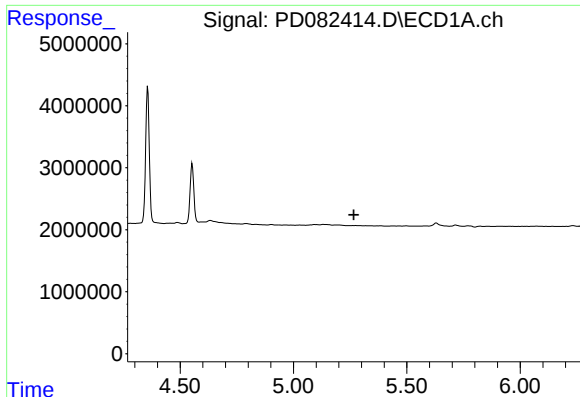
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#23 Chlordane-1

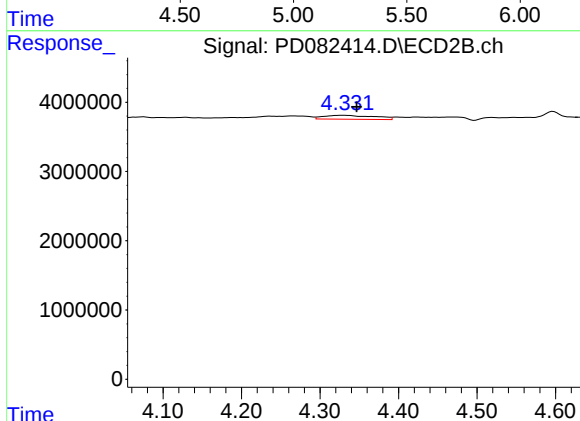
R.T.: 3.806 min
Delta R.T.: 0.035 min
Response: 261928
Conc: 1.80 ng/ml



#24 Chlordane-2

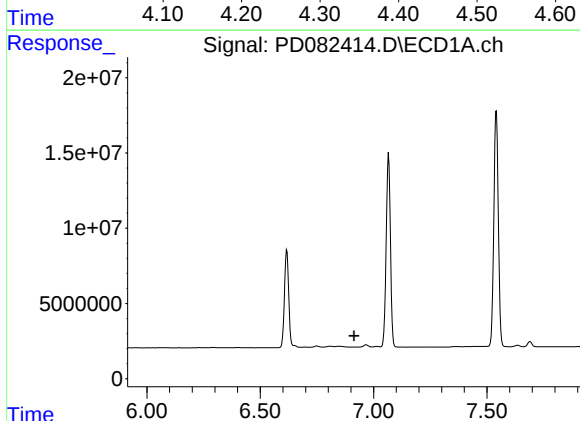
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



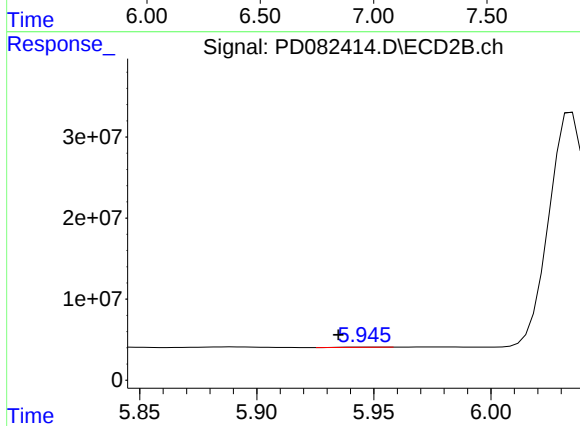
#24 Chlordane-2

R.T.: 4.328 min
Delta R.T.: -0.019 min
Response: 2571859
Conc: 15.60 ng/ml



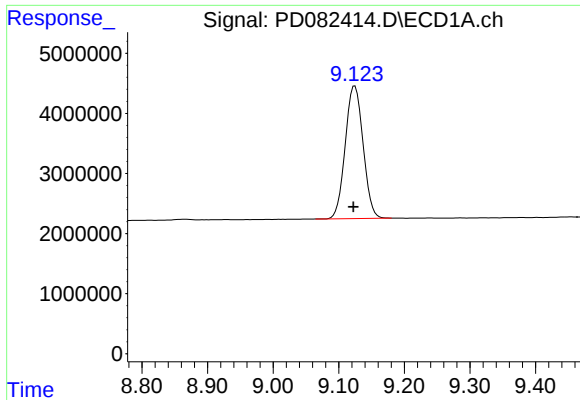
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.915 min
Response: 0
Conc: N.D.



#27 Chlordane-5

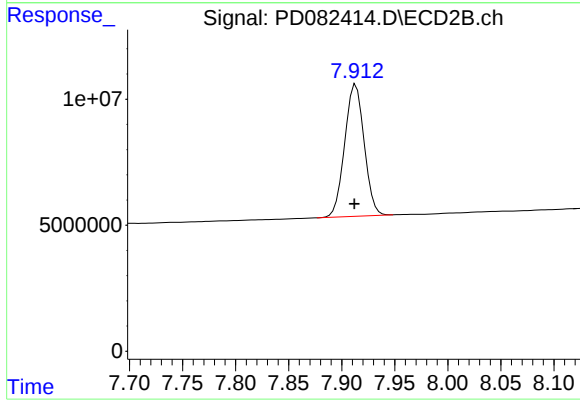
R.T.: 5.946 min
Delta R.T.: 0.011 min
Response: 305408
Conc: 1.97 ng/ml



#28 Decachlorobiphenyl

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

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

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