

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD052991.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 8:34
 Operator : AJ\SJ
 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 23 03:26:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.220	4.041	31768254	665.4E6	22.766	22.958
2)	SA Decachlor...	7.815	9.159	29554293	372.8E6	22.175	23.975
Target Compounds							
2)	A alpha-BHC	3.639	4.433	22308432	520.6E6	9.814	11.567
3)	MA gamma-BHC...	3.907	4.720	21715351	468.9E6	9.931	11.656
6)	B beta-BHC	4.154	4.891	10198498	228.8E6	11.555	12.645
12)	B 4,4'-DDE	0.000	6.393	0	9683875	N.D.	0.317 #
14)	MA Endrin	5.647	6.766	89307932	1165.3E6	48.502	46.502
15)	B Endosulfa...	0.000	6.986	0	13717569	N.D.	0.551 #
16)	A 4,4'-DDD	5.791	6.891	2329409	77278716	1.524	3.231 #
17)	MA 4,4'-DDT	6.018	7.188	160.8E6	1935.2E6	111.788	103.852
18)	B Endrin al...	6.083	7.100	2721146	37321691	1.898	1.813
19)	B Endosulfa...	6.318f	0.000	984520	0	0.642	N.D. #
20)	A Methoxychlor	6.563	7.647	214.9E6	2373.1E6	254.354	237.232
21)	B Endrin ke...	6.765	7.798	6095763	54759103	3.352	2.673
22)	Mirex	0.000	8.249	0	15252495	N.D.	1.183 #

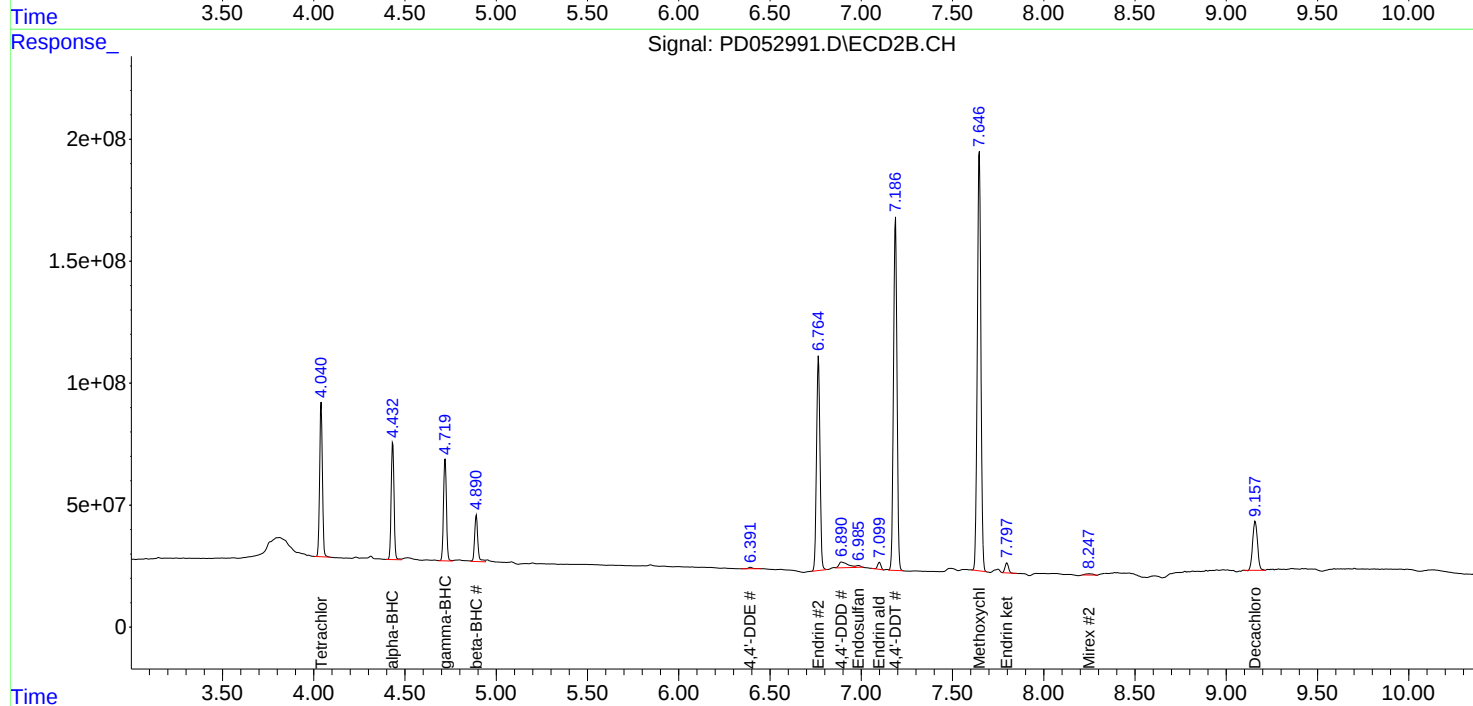
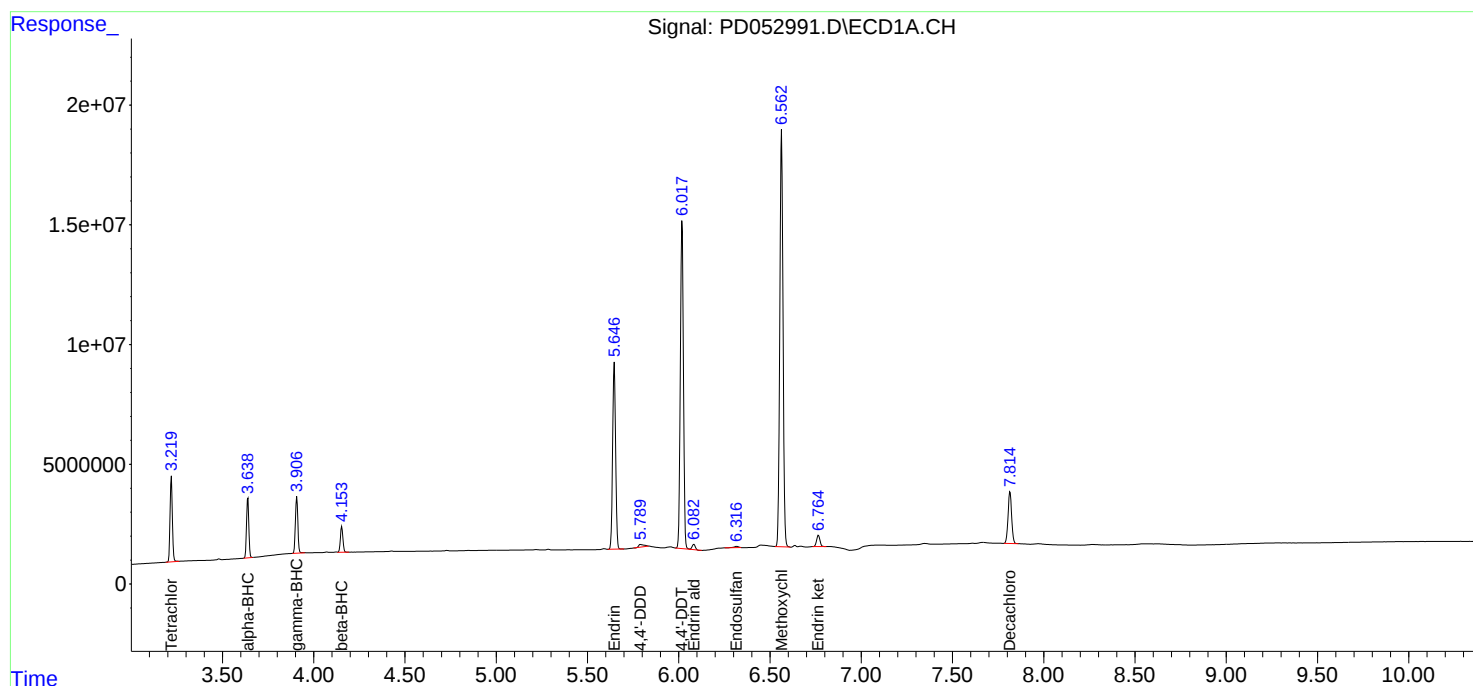
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

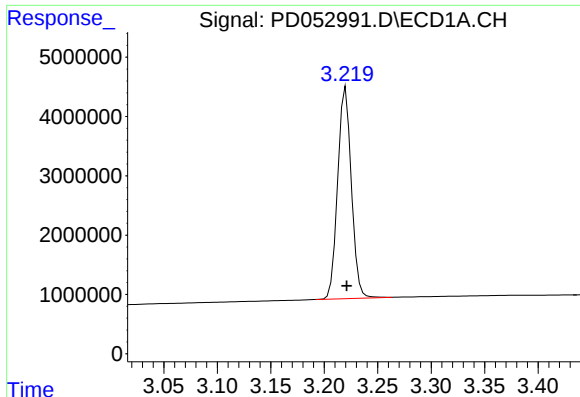
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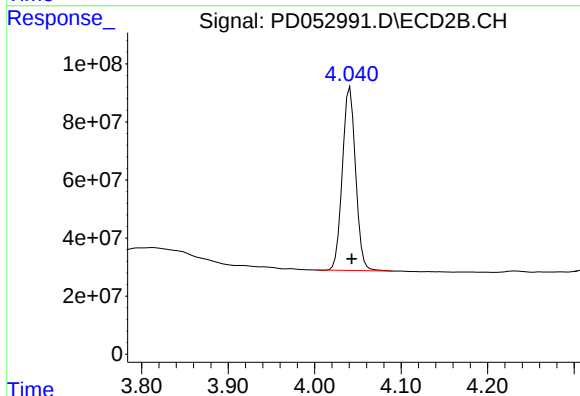




#1 Tetrachloro-m-xylene

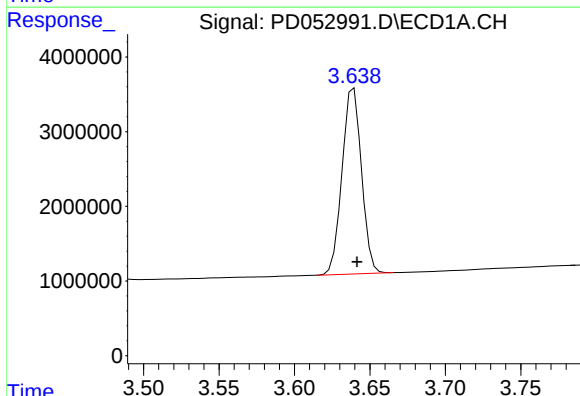
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 31768254
Conc: 22.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



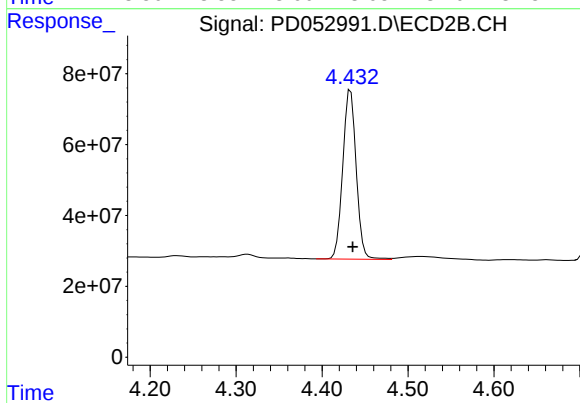
#1 Tetrachloro-m-xylene

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 665423143
Conc: 22.96 ng/ml



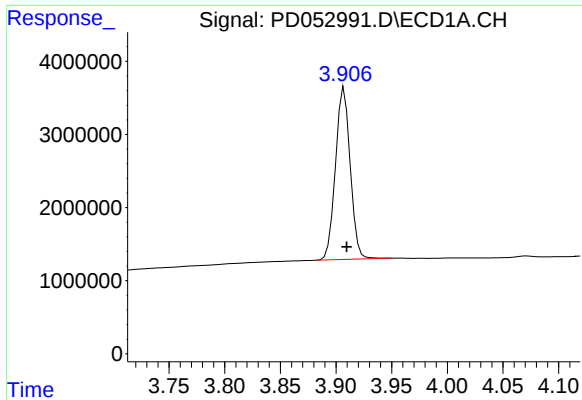
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.002 min
Response: 22308432
Conc: 9.81 ng/ml



#2 alpha-BHC

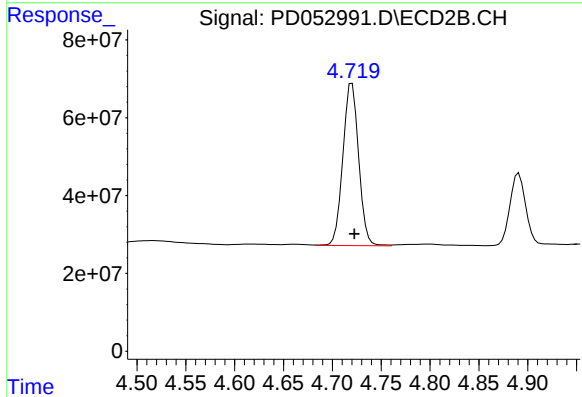
R.T.: 4.433 min
Delta R.T.: -0.002 min
Response: 520610557
Conc: 11.57 ng/ml



#3 gamma-BHC (Lindane)

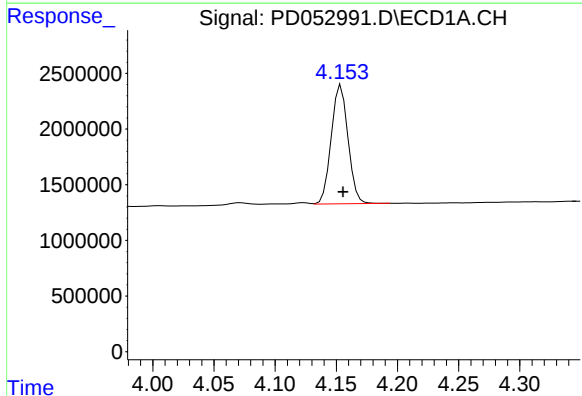
R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 21715351
Conc: 9.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



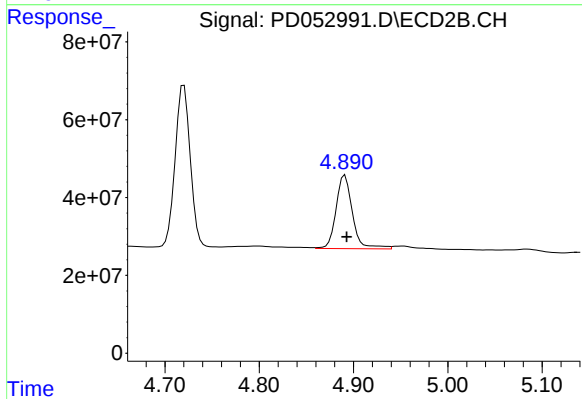
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 468896305
Conc: 11.66 ng/ml



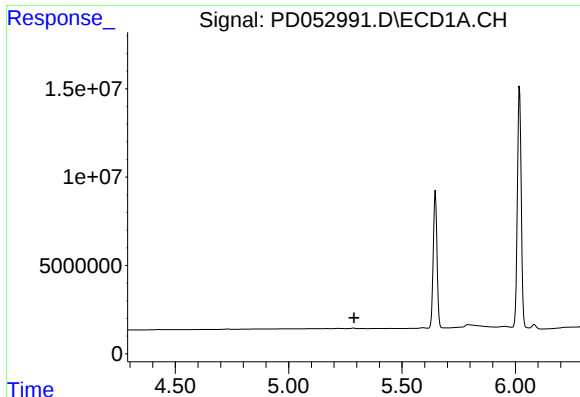
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 10198498
Conc: 11.55 ng/ml



#6 beta-BHC

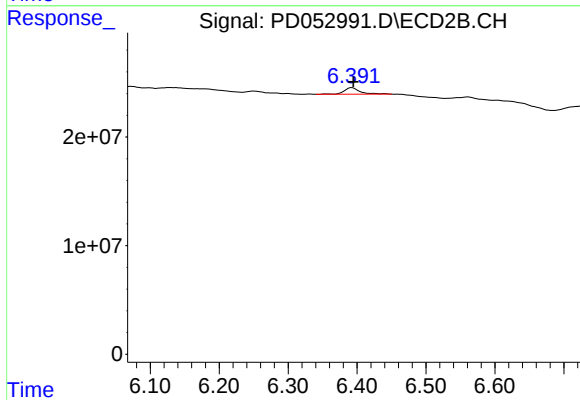
R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 228809780
Conc: 12.65 ng/ml



#12 4,4'-DDE

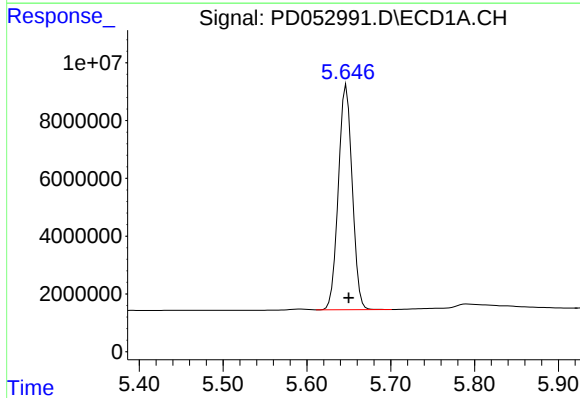
R.T.: 0.000 min
Exp R.T.: 5.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



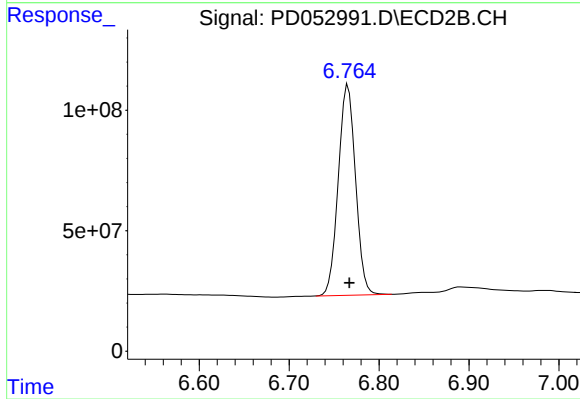
#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 9683875
Conc: 0.32 ng/ml



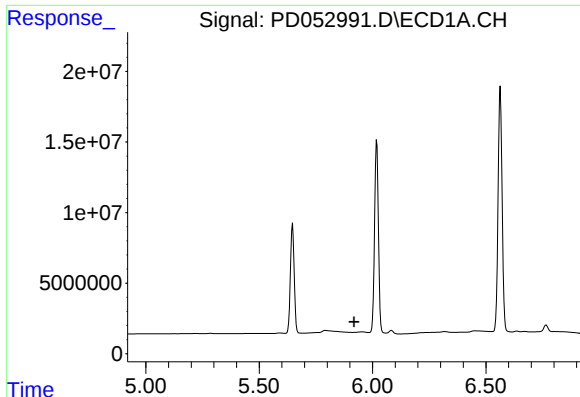
#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 89307932
Conc: 48.50 ng/ml



#14 Endrin

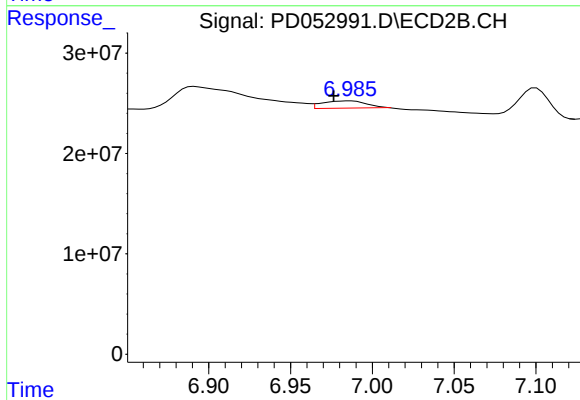
R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 1165257948
Conc: 46.50 ng/ml



#15 Endosulfan II

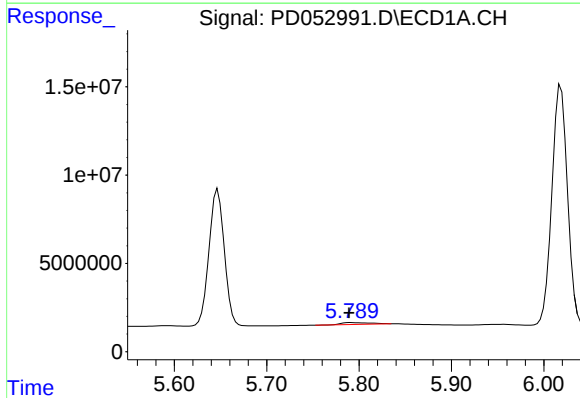
R.T.: 0.000 min
Exp R.T.: 5.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



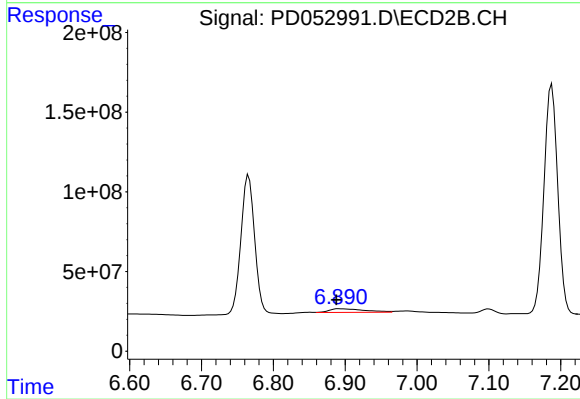
#15 Endosulfan II

R.T.: 6.986 min
Delta R.T.: 0.010 min
Response: 13717569
Conc: 0.55 ng/ml



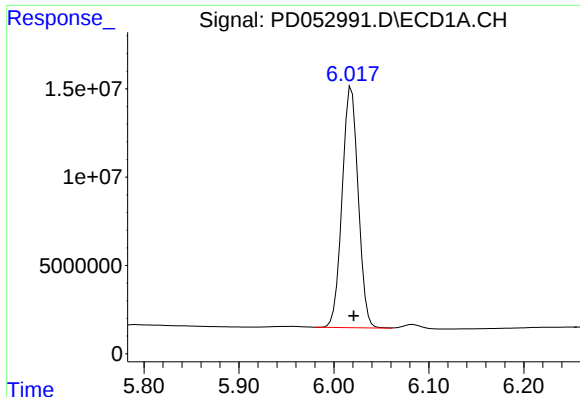
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 2329409
Conc: 1.52 ng/ml



#16 4,4'-DDD

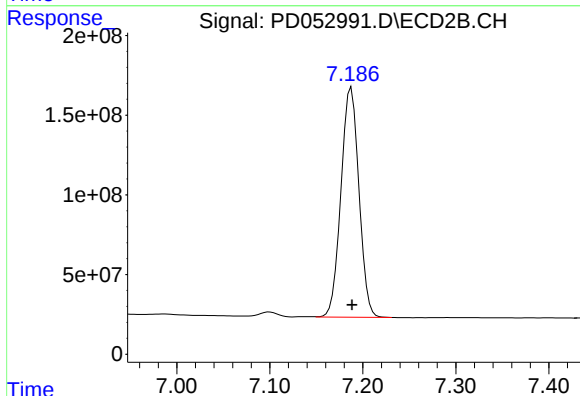
R.T.: 6.891 min
Delta R.T.: 0.004 min
Response: 77278716
Conc: 3.23 ng/ml



#17 4,4'-DDT

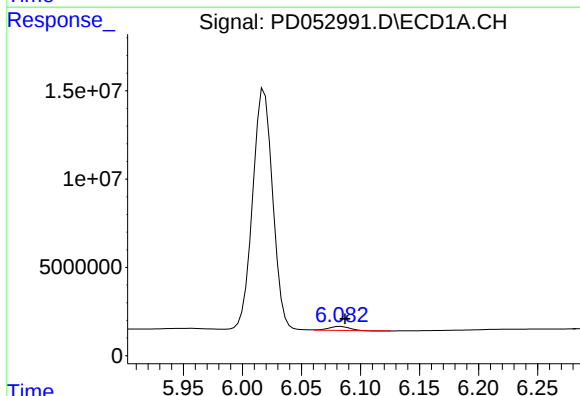
R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 160816542
Conc: 111.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



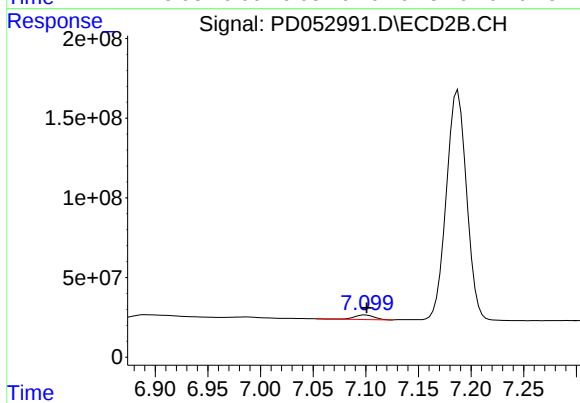
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 1935191092
Conc: 103.85 ng/ml



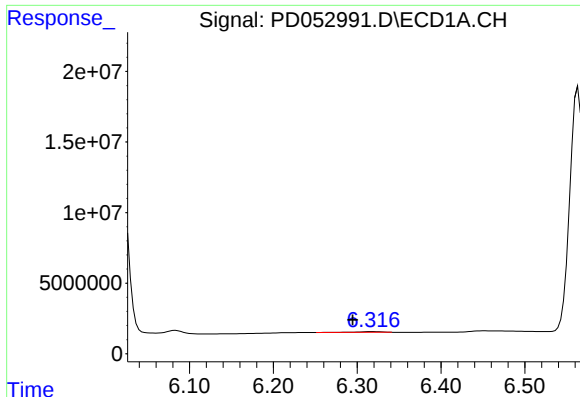
#18 Endrin aldehyde

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 2721146
Conc: 1.90 ng/ml



#18 Endrin aldehyde

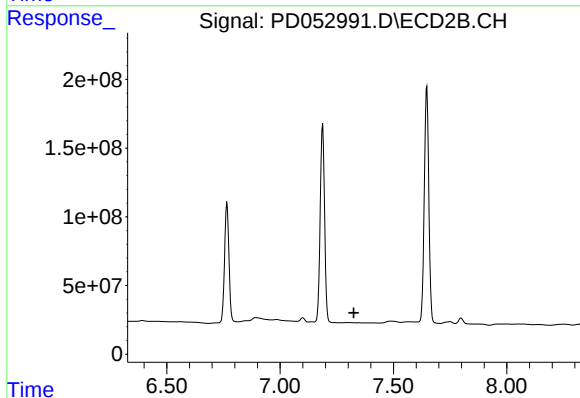
R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 37321691
Conc: 1.81 ng/ml



#19 Endosulfan Sulfate

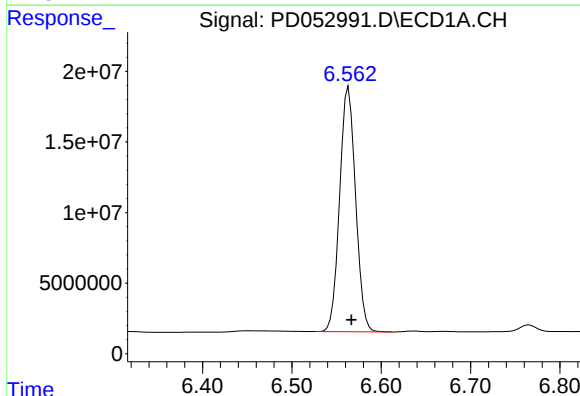
R.T.: 6.318 min
Delta R.T.: 0.023 min
Response: 984520
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



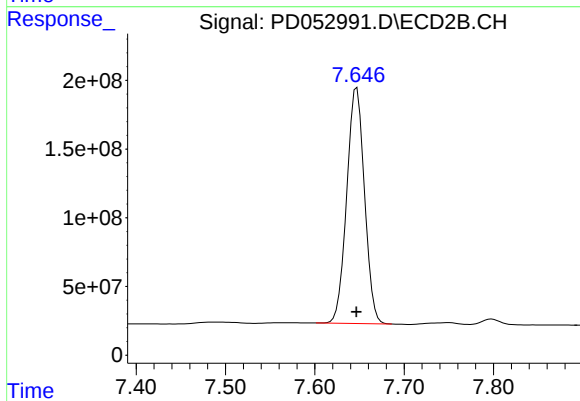
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.326 min
Response: 0
Conc: N.D.



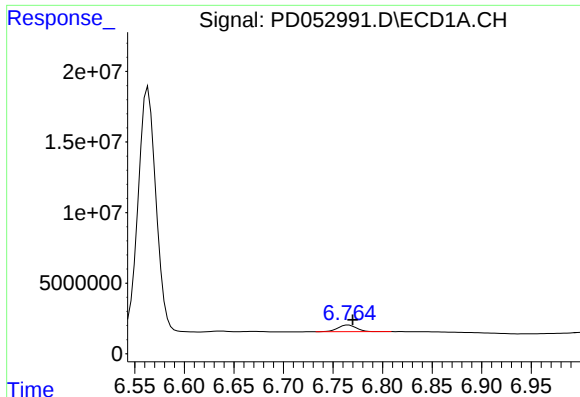
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 214883867
Conc: 254.35 ng/ml



#20 Methoxychlor

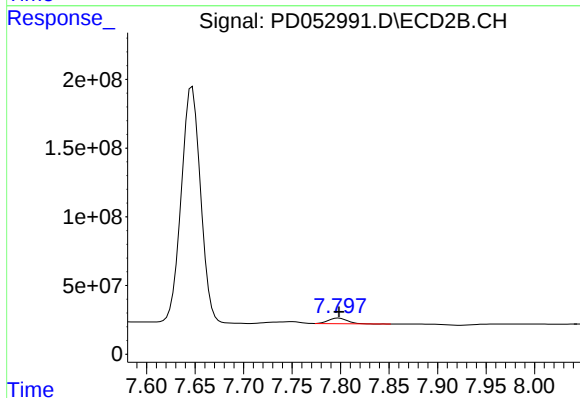
R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 2373092065
Conc: 237.23 ng/ml



#21 Endrin ketone

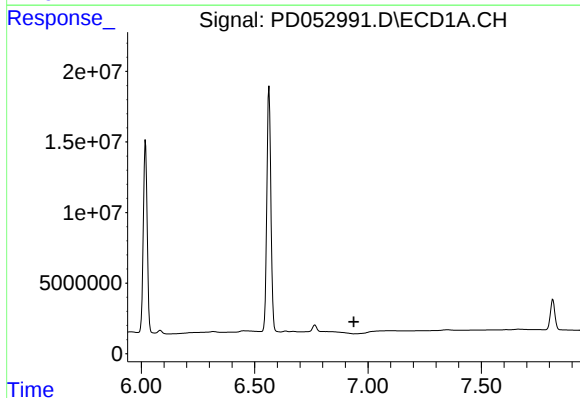
R.T.: 6.765 min
Delta R.T.: -0.004 min
Response: 6095763
Conc: 3.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



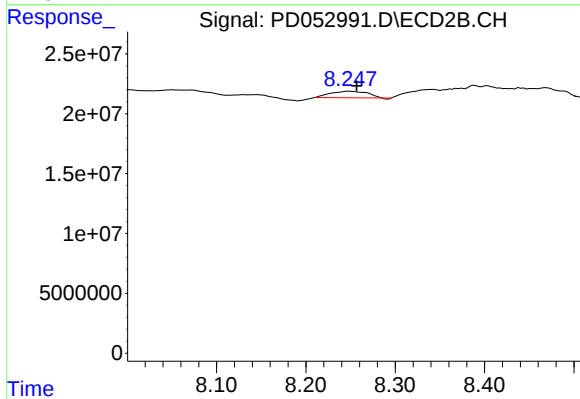
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 54759103
Conc: 2.67 ng/ml



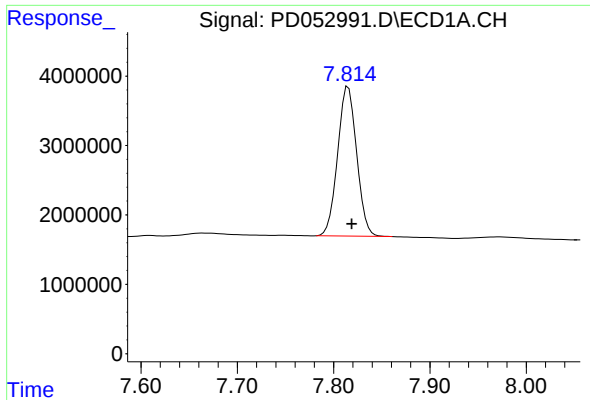
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 6.938 min
Response: 0
Conc: N.D.



#22 Mirex

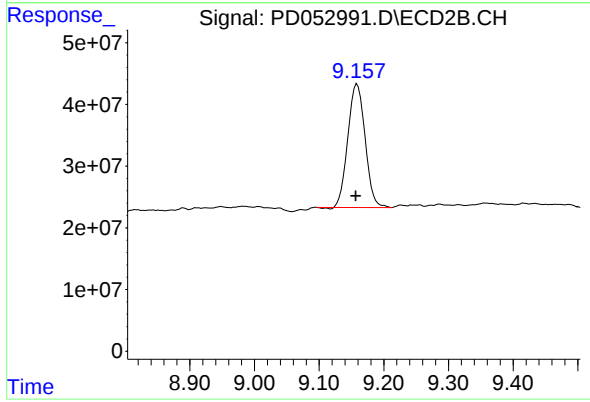
R.T.: 8.249 min
Delta R.T.: -0.008 min
Response: 15252495
Conc: 1.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.003 min
Response: 29554293
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.002 min
Response: 372848293
Conc: 23.98 ng/ml