

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040319\
 Data File : PD052489.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Apr 2019 6:11
 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 02 08:41:06 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	4.042	30348804	668.3E6	21.749	23.058
2)	SA Decachlor...	7.815	9.154	31728378	429.4E6	23.807	27.613
Target Compounds							
2)	A alpha-BHC	3.640	4.434	21434766	510.6E6	9.429	11.344
3)	MA gamma-BHC...	3.908	4.721	22418293	476.5E6	10.253	11.844
6)	B beta-BHC	4.154	4.892	10214212	224.9E6	11.573	12.430
8)	B Heptachlo...	0.000	5.922	0 35518984	N.D.	1.100	#
10)	B gamma-Chl...	0.000	6.181f	0 12875226	N.D.	0.402	#
11)	B alpha-Chl...	0.000	6.252	0 3088935	N.D.	0.098	#
12)	B 4,4'-DDE	0.000	6.392	0 9183350	N.D.	0.301	#
14)	MA Endrin	5.647	6.765	93970834	1268.8E6	51.034	50.635
15)	B Endosulfa...	0.000	6.981	0 15800011	N.D.	0.634	#
16)	A 4,4'-DDD	5.788	6.886	1469166	53810851	0.961	2.250 #
17)	MA 4,4'-DDT	6.018	7.186	183.2E6	2259.8E6	127.371	121.270
18)	B Endrin al...	6.082	7.098	2829991	43145520	1.974	2.096
20)	A Methoxychlor	6.563	7.645	238.9E6	2648.1E6	282.743	264.720
21)	B Endrin ke...	6.764	7.796	5615150	61975998	3.087	3.025
22)	Mirex	0.000	8.263	0 15382958	N.D.	1.193	#
25)	Chlordane-3	0.000	6.181f	0 12875226	N.D.	2.918	#
26)	Chlordane-4	0.000	6.252	0 3088935	N.D.	0.607	#

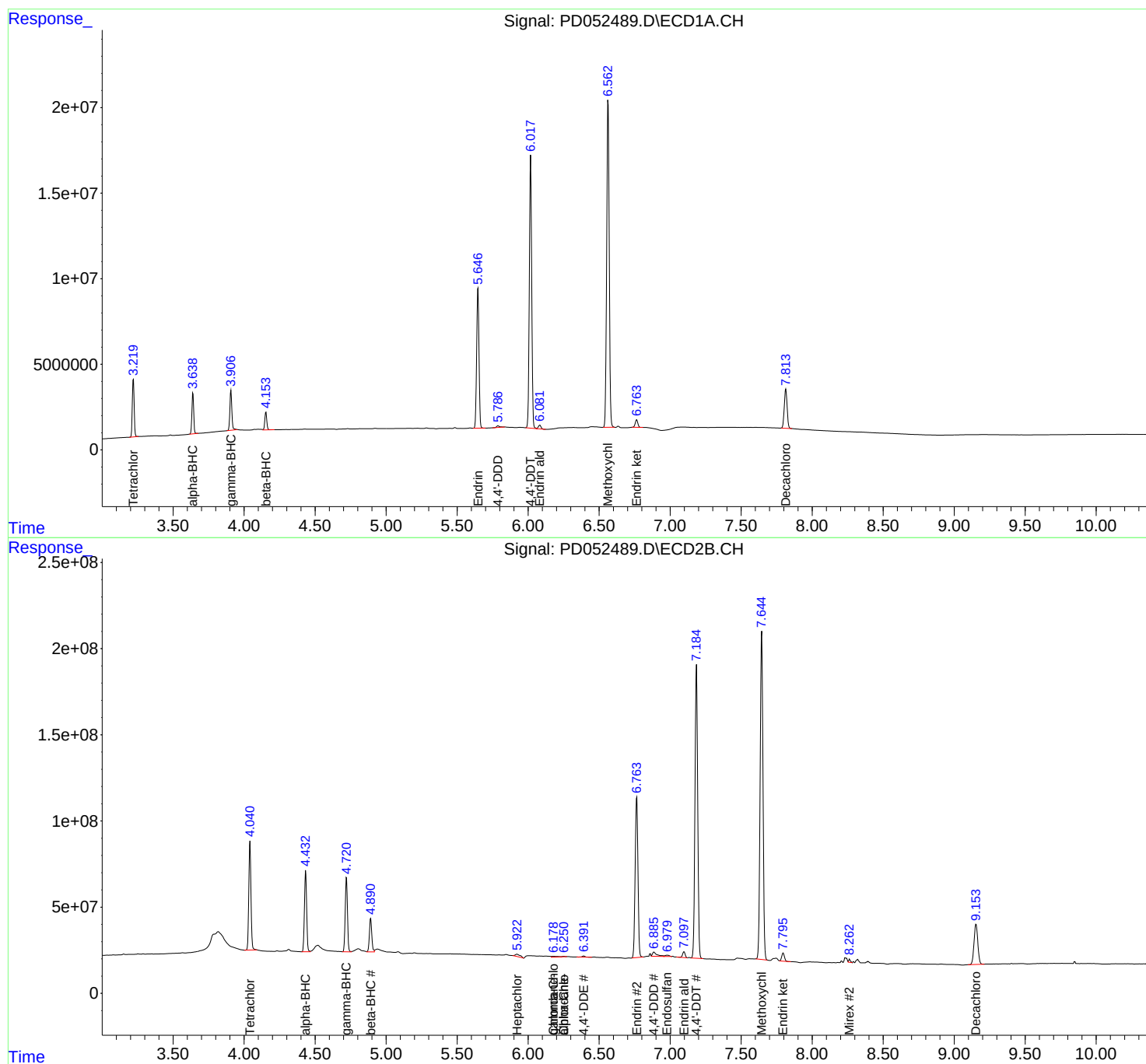
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

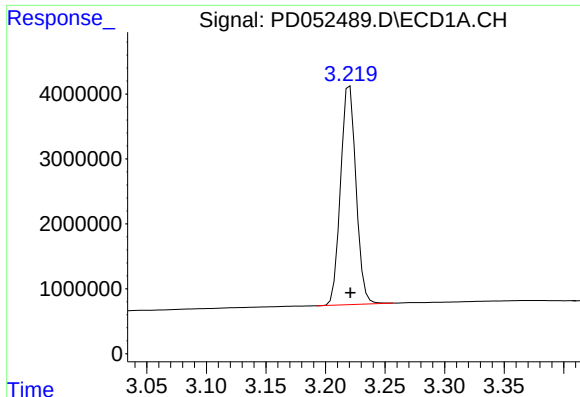
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Integration File signal 2: autoint2.e
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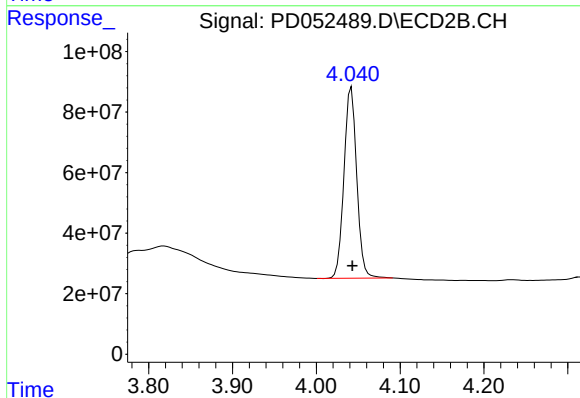




#1 Tetrachloro-m-xylene

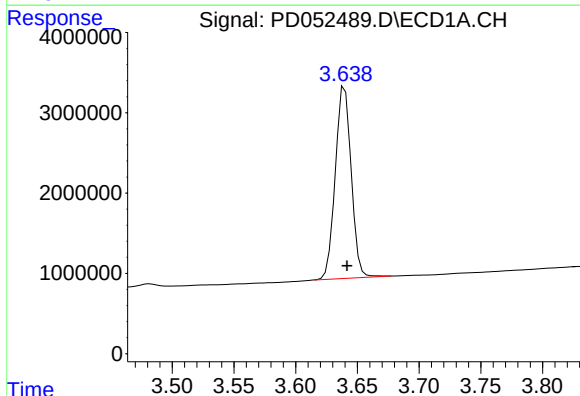
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 30348804
Conc: 21.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



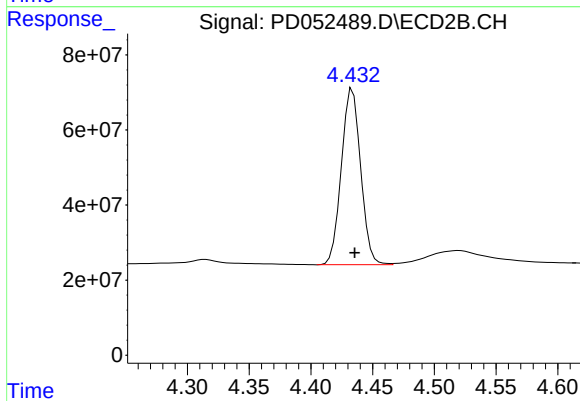
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 668317676
Conc: 23.06 ng/ml



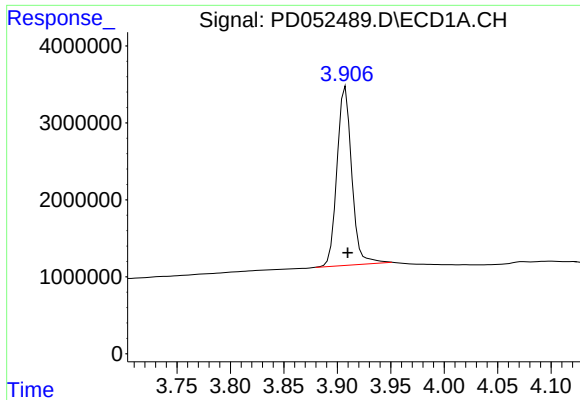
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.002 min
Response: 21434766
Conc: 9.43 ng/ml



#2 alpha-BHC

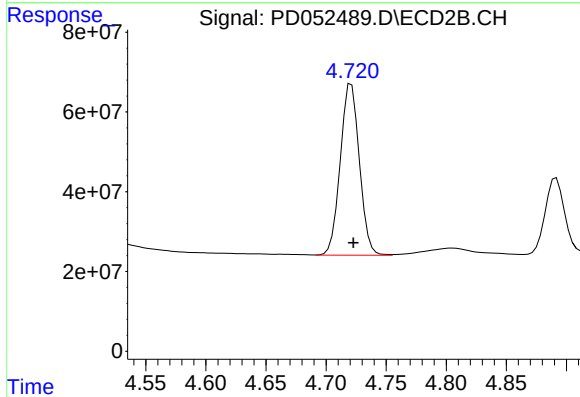
R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 510597990
Conc: 11.34 ng/ml



#3 gamma-BHC (Lindane)

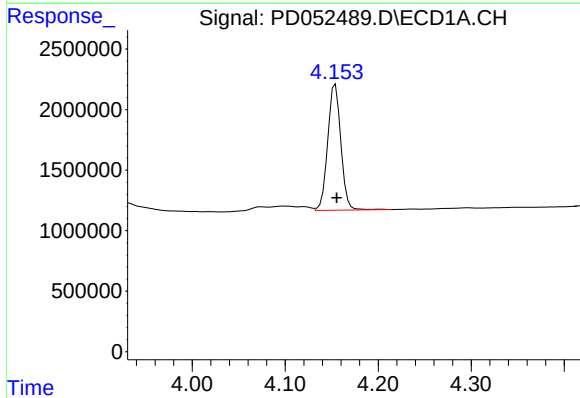
R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 22418293
Conc: 10.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



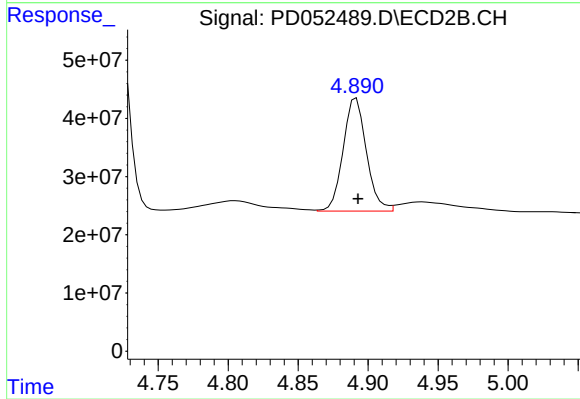
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 476452668
Conc: 11.84 ng/ml



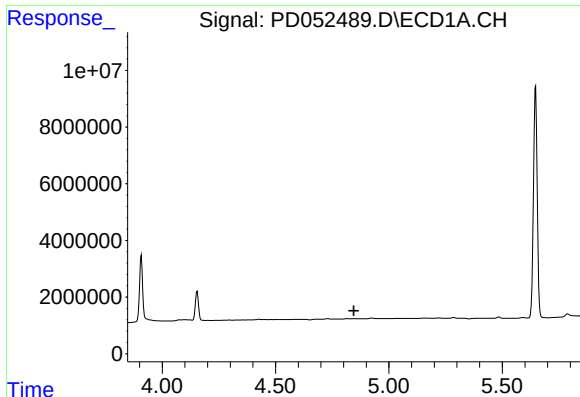
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.001 min
Response: 10214212
Conc: 11.57 ng/ml



#6 beta-BHC

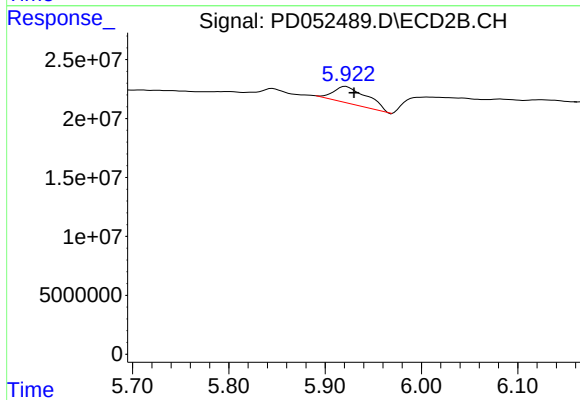
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 224909671
Conc: 12.43 ng/ml



#8 Heptachlor epoxide

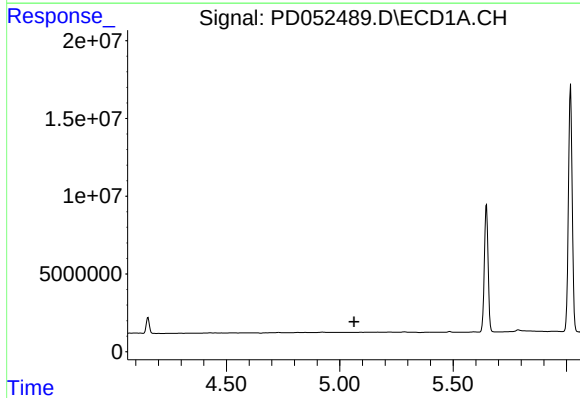
R.T.: 0.000 min
Exp R.T.: 4.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



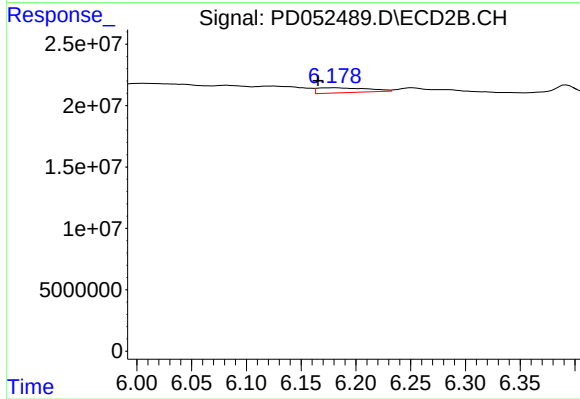
#8 Heptachlor epoxide

R.T.: 5.922 min
Delta R.T.: -0.009 min
Response: 35518984
Conc: 1.10 ng/ml



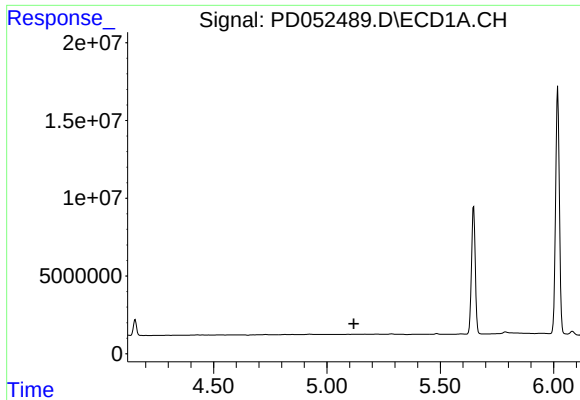
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.063 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

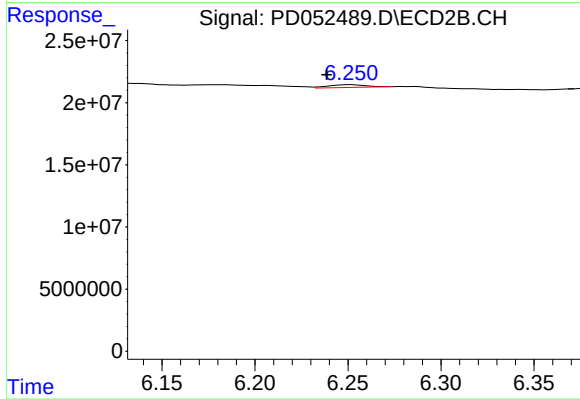
R.T.: 6.181 min
Delta R.T.: 0.016 min
Response: 12875226
Conc: 0.40 ng/ml



#11 alpha-Chlordane

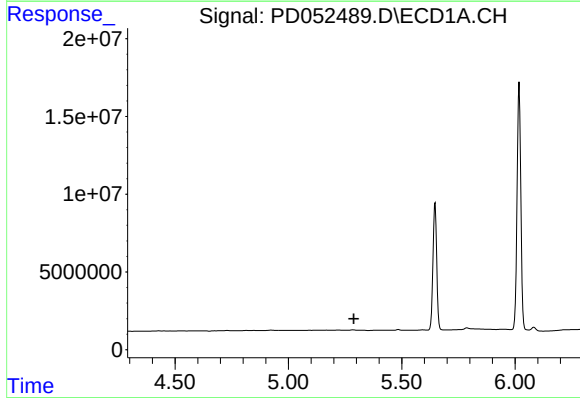
R.T.: 0.000 min
Exp R.T.: 5.119 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



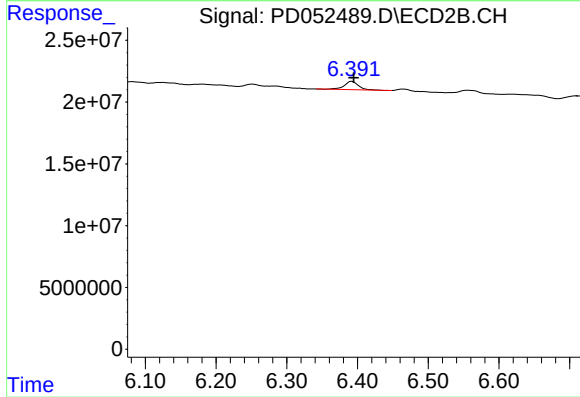
#11 alpha-Chlordane

R.T.: 6.252 min
Delta R.T.: 0.013 min
Response: 3088935
Conc: 0.10 ng/ml



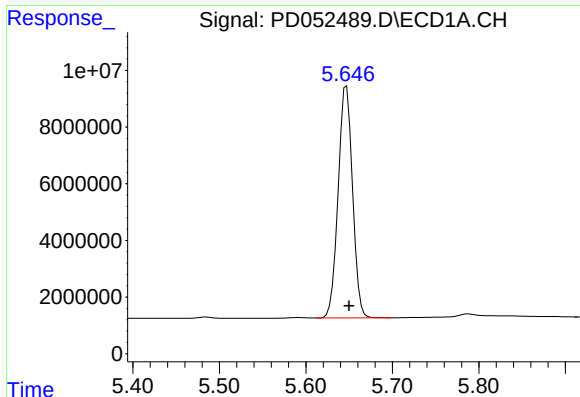
#12 4,4'-DDE

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



#12 4,4'-DDE

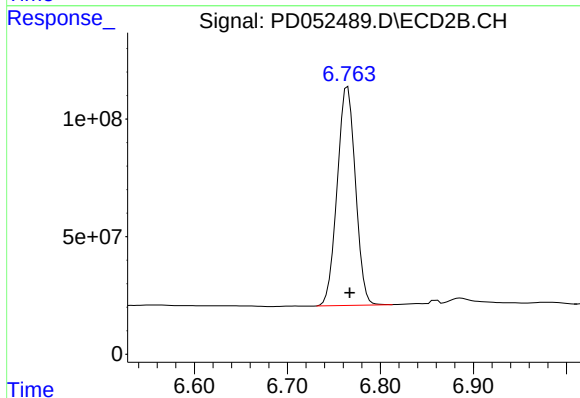
R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 9183350
Conc: 0.30 ng/ml



#14 Endrin

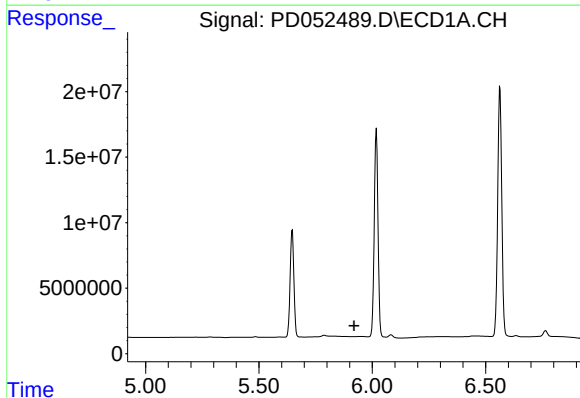
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 93970834
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



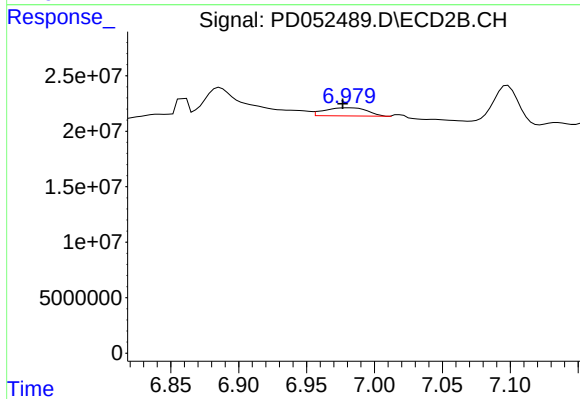
#14 Endrin

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 1268832594
Conc: 50.64 ng/ml



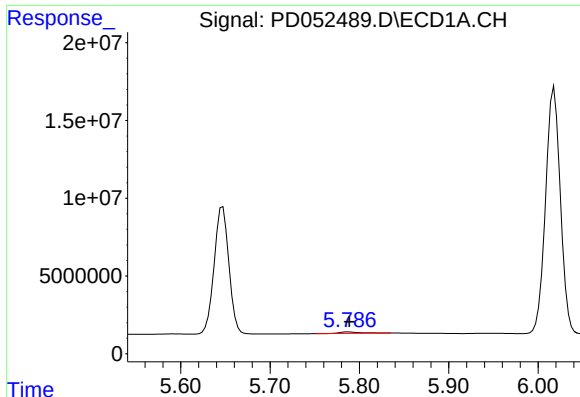
#15 Endosulfan II

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



#15 Endosulfan II

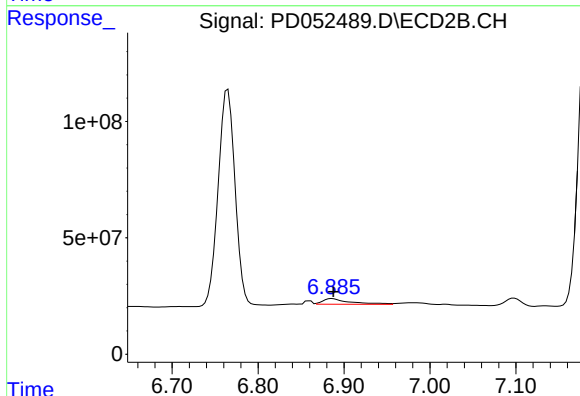
R.T.: 6.981 min
Delta R.T.: 0.004 min
Response: 15800011
Conc: 0.63 ng/ml



#16 4,4'-DDD

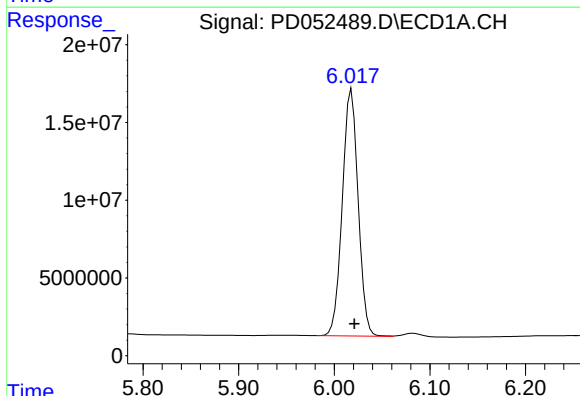
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1469166
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



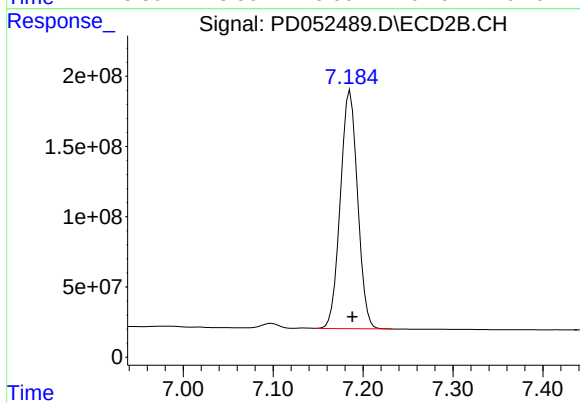
#16 4,4'-DDD

R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 53810851
Conc: 2.25 ng/ml



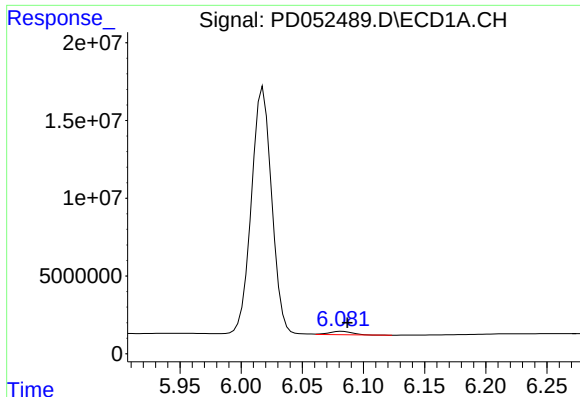
#17 4,4'-DDT

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 183234808
Conc: 127.37 ng/ml



#17 4,4'-DDT

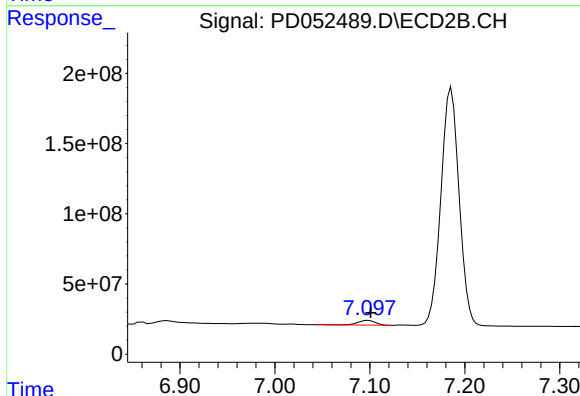
R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 2259765834
Conc: 121.27 ng/ml



#18 Endrin aldehyde

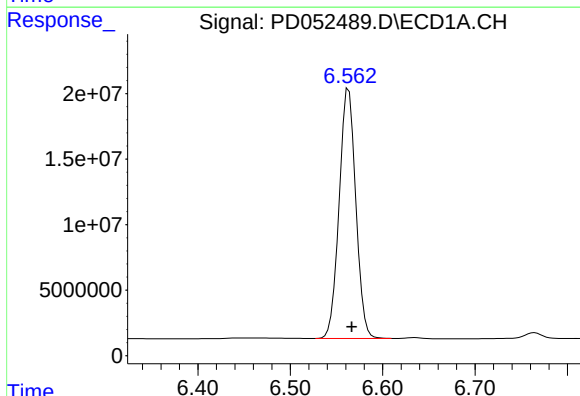
R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 2829991
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



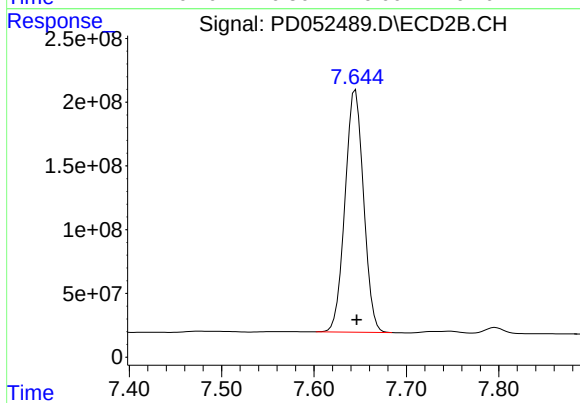
#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 43145520
Conc: 2.10 ng/ml



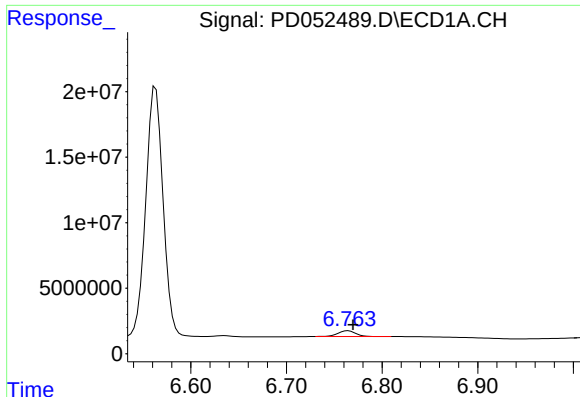
#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 238866762
Conc: 282.74 ng/ml



#20 Methoxychlor

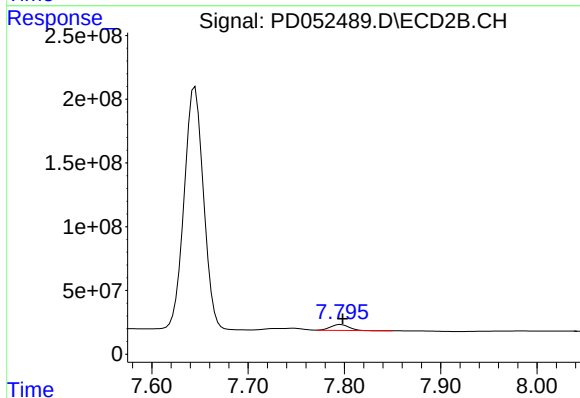
R.T.: 7.645 min
Delta R.T.: -0.001 min
Response: 2648068208
Conc: 264.72 ng/ml



#21 Endrin ketone

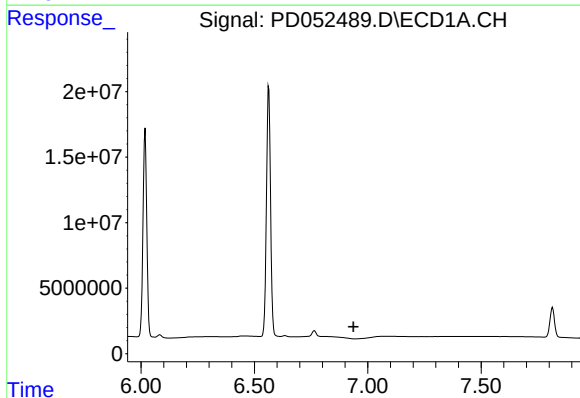
R.T.: 6.764 min
Delta R.T.: -0.005 min
Response: 5615150
Conc: 3.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



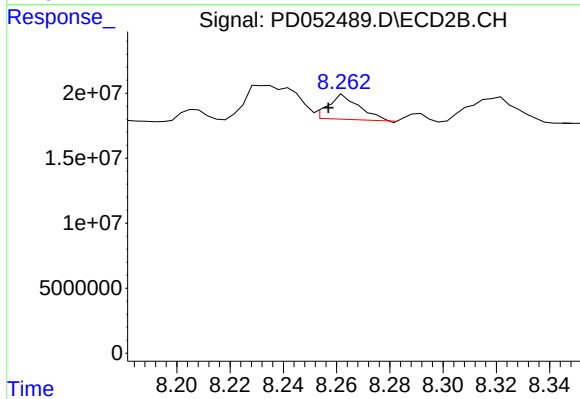
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.002 min
Response: 61975998
Conc: 3.02 ng/ml



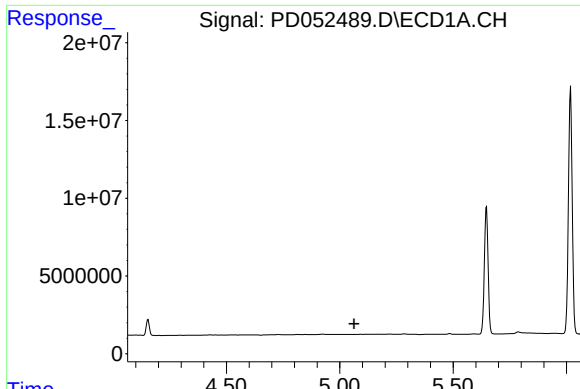
#22 Mirex

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



#22 Mirex

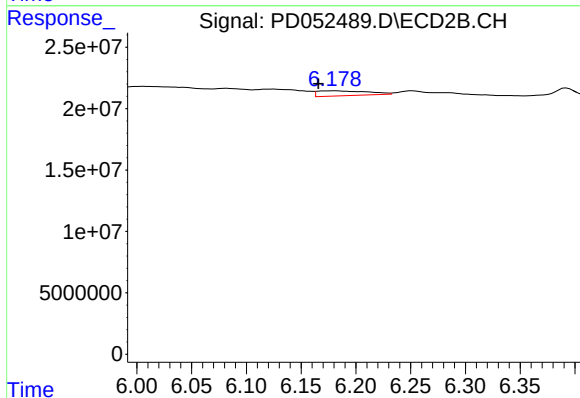
R.T.: 8.263 min
Delta R.T.: 0.006 min
Response: 15382958
Conc: 1.19 ng/ml



#25 Chlordane-3

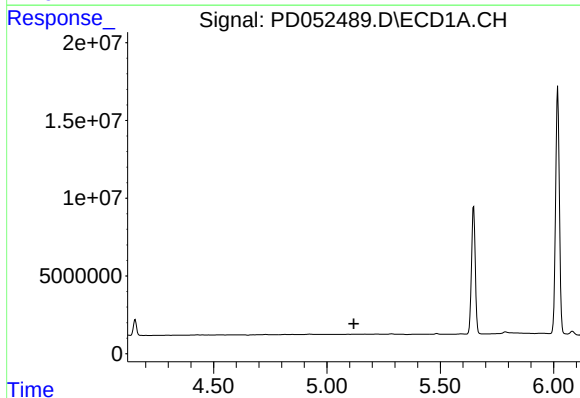
R.T.: 0.000 min
Exp R.T.: 5.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



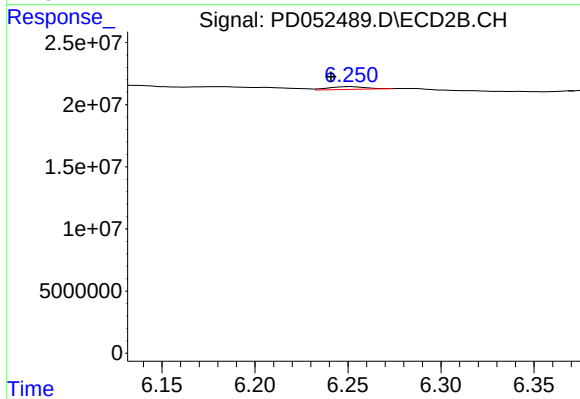
#25 Chlordane-3

R.T.: 6.181 min
Delta R.T.: 0.015 min
Response: 12875226
Conc: 2.92 ng/ml



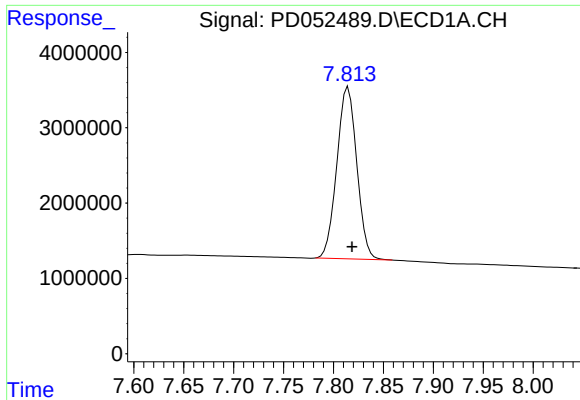
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.118 min
Response: 0
Conc: N.D.



#26 Chlordane-4

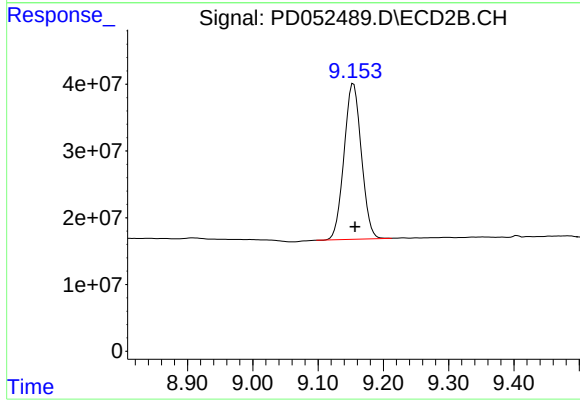
R.T.: 6.252 min
Delta R.T.: 0.011 min
Response: 3088935
Conc: 0.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 31728378
Conc: 23.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.154 min
Delta R.T.: -0.002 min
Response: 429426537
Conc: 27.61 ng/ml