

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
 Data File : PD051144.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2019 16:55
 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: Jan 22 02:43:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 22 02:36:55 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...	3.225	4.045	38115211	620.5E6	21.317	21.069
2)	SA Decachlor...	7.826	9.158	33184703	399.9E6	21.056	22.474
Target Compounds							
2)	A alpha-BHC	3.645	4.438	32063148	512.6E6	10.888	11.561
3)	MA gamma-BHC...	3.914	4.725	33777962	455.0E6	12.099	11.367
4)	MA Heptachlor	4.159	5.255	12338327	30886896	4.281	0.794 #
5)	MB Aldrin	0.000	5.542	0	5109251	N.D.	0.141 #
6)	B beta-BHC	4.159	4.894	12338327	196.5E6	11.159	11.355
8)	B Heptachlo...	4.894f	5.905	263341	1218.4E6	0.097	36.408 #
9)	A Endosulfan I	5.175	6.251f	316302	21475950	0.121	0.722 #
10)	B gamma-Chl...	5.082	6.185	920412	35156528	0.318	1.031 #
11)	B alpha-Chl...	5.109	6.251	736661	21475950	0.262	0.659 #
12)	B 4,4'-DDE	5.294	0.000	3205062	0	1.146	N.D. #
13)	MA Dieldrin	5.410	0.000	6531083	0	2.167	N.D. #
14)	MA Endrin	5.656	6.768	141.8E6	1547.5E6	50.923	57.649
15)	B Endosulfa...	5.940	6.954	3529859	60937890	1.323	2.253 #
16)	A 4,4'-DDD	5.809	6.954f	1679441	60937890	0.683	2.298 #
17)	MA 4,4'-DDT	6.028	7.189	258.4E6	2419.1E6	104.629	107.489
18)	B Endrin al...	6.092	0.000	1354335	0	0.640	N.D. #
19)	B Endosulfa...	6.303	0.000	2404246	0	1.021	N.D. #
20)	A Methoxychlor	6.573	7.647	296.8E6	2649.0E6	238.524	248.740
21)	B Endrin ke...	6.775	7.798	2601655	10985906	0.970	0.480 #
23)	Chlordane-1	4.052	0.000	403867	0	4.233	N.D. #
24)	Chlordane-2	4.515	5.542	3316471	5109251	34.021	4.268 #
25)	Chlordane-3	5.082	6.185	920412	35156528	2.877	7.542 #
26)	Chlordane-4	5.109	6.251	736661	21475950	2.385	4.060 #
27)	Chlordane-5	5.940	7.024	3529859	20893432	31.638	20.748 #

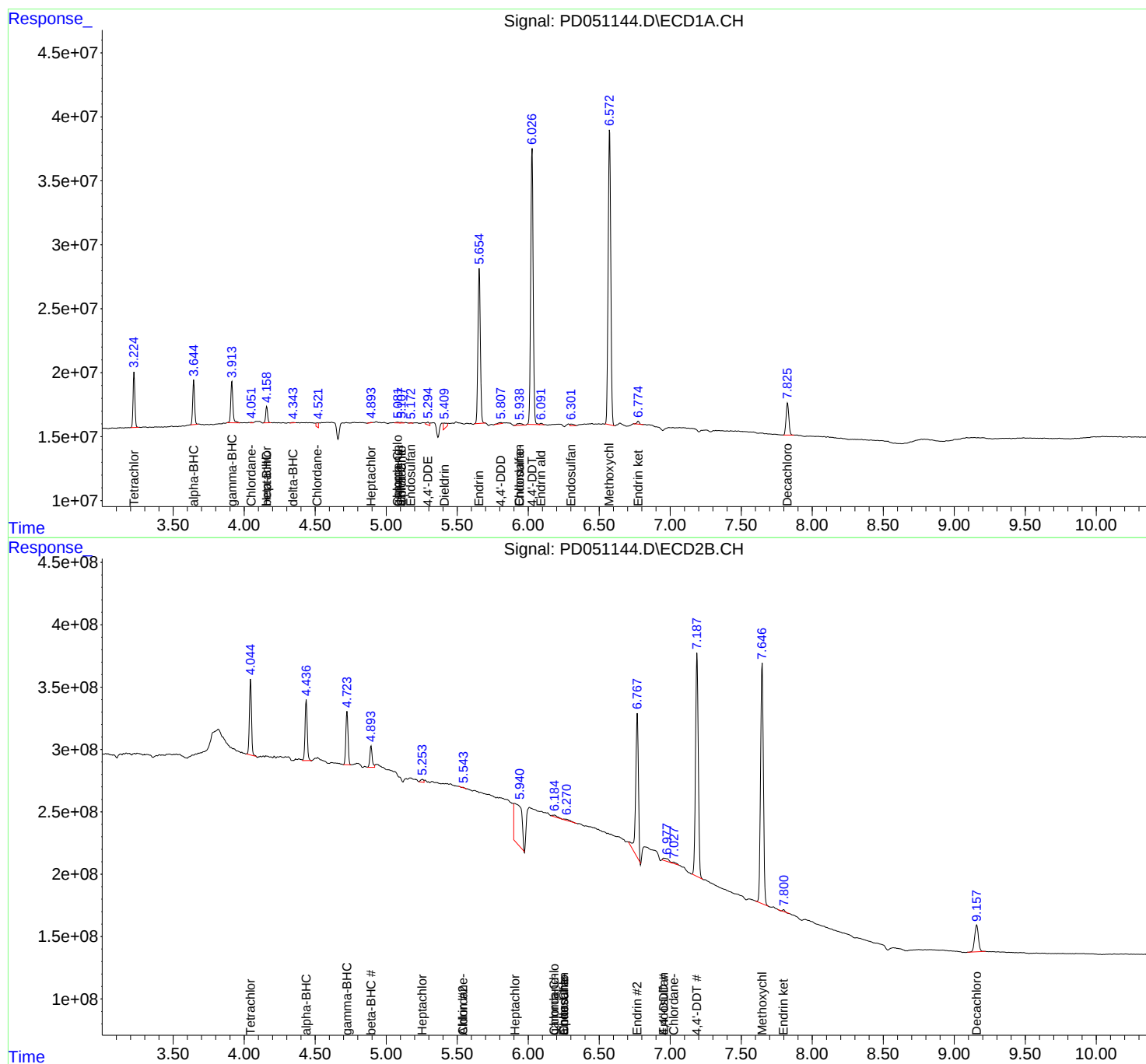
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

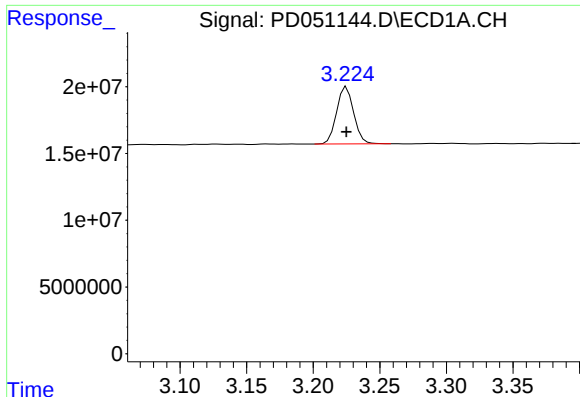
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012119\
Data File : PD051144.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 21 Jan 2019 16:55
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 02:43:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012119.M
Quant Title : GC Extractables
QLast Update : Tue Jan 22 02:36:55 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

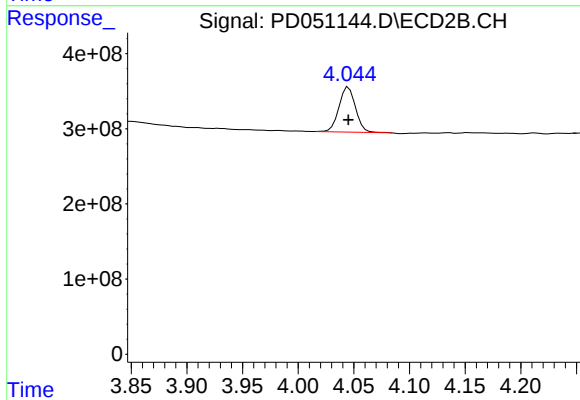




#1 Tetrachloro-m-xylene

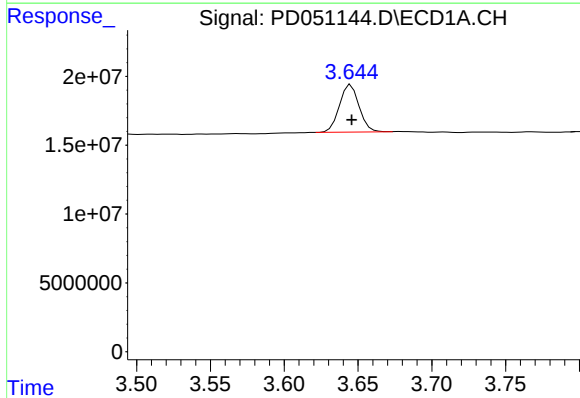
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 38115211
Conc: 21.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



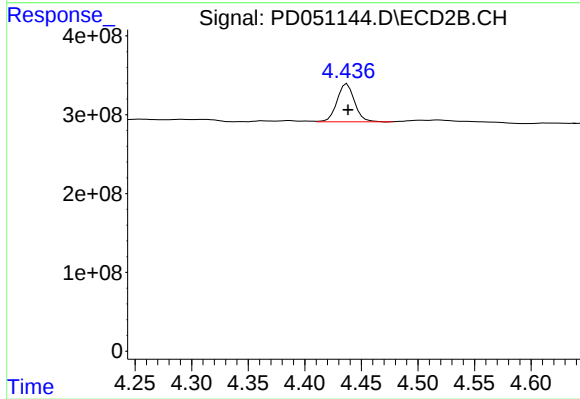
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 620531119
Conc: 21.07 ng/ml



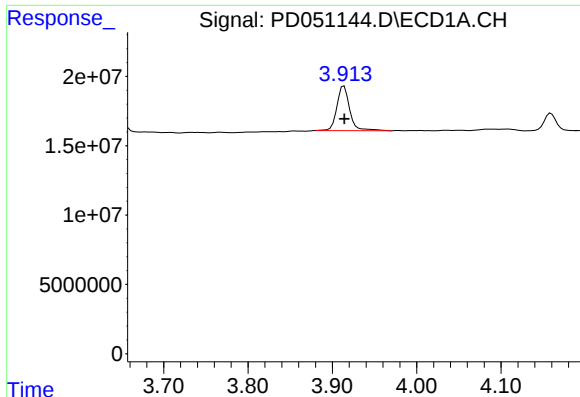
#2 alpha-BHC

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 32063148
Conc: 10.89 ng/ml



#2 alpha-BHC

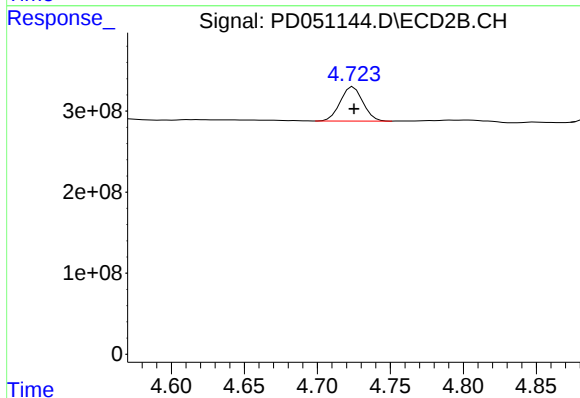
R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 512620907
Conc: 11.56 ng/ml



#3 gamma-BHC (Lindane)

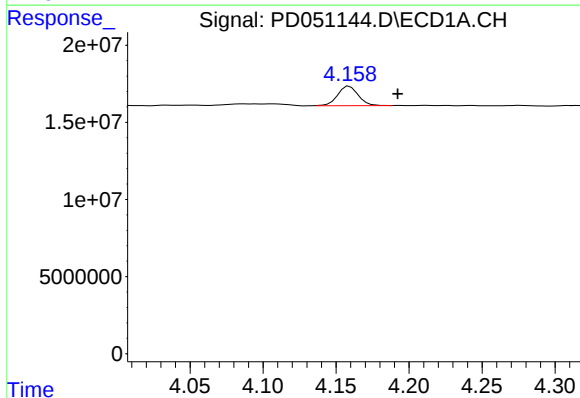
R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 33777962
Conc: 12.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



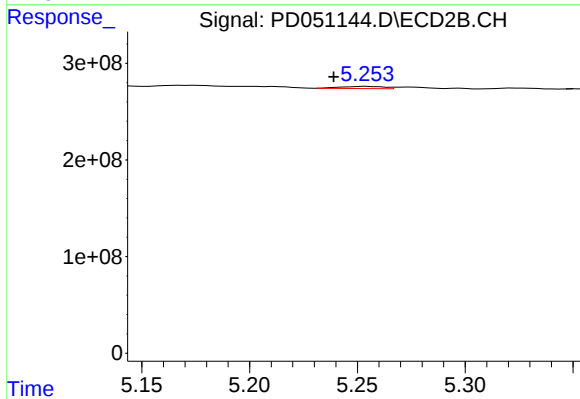
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 455001938
Conc: 11.37 ng/ml



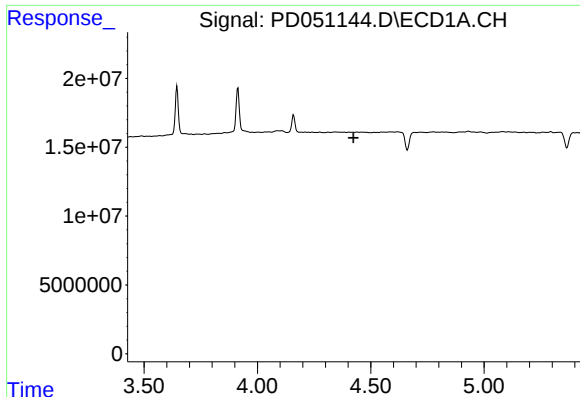
#4 Heptachlor

R.T.: 4.159 min
Delta R.T.: -0.033 min
Response: 12338327
Conc: 4.28 ng/ml



#4 Heptachlor

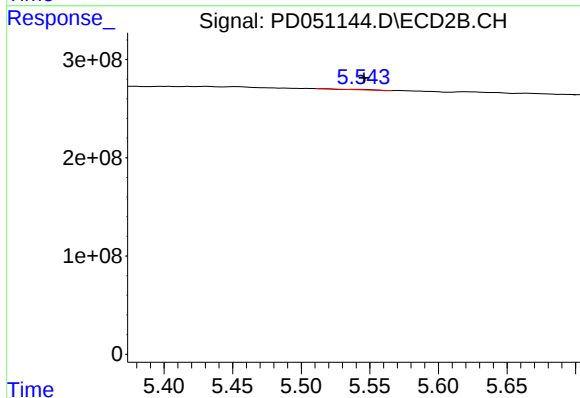
R.T.: 5.255 min
Delta R.T.: 0.016 min
Response: 30886896
Conc: 0.79 ng/ml



#5 Aldrin

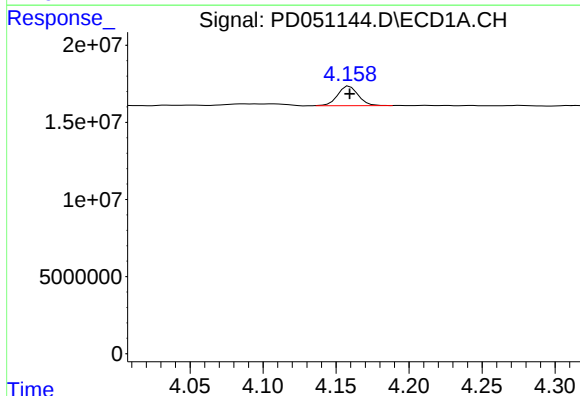
R.T.: 0.000 min
Exp R.T.: 4.424 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



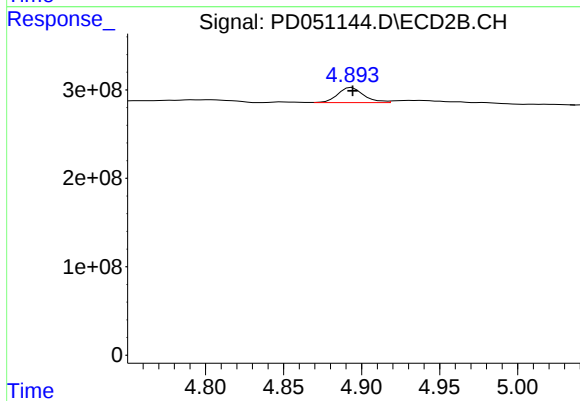
#5 Aldrin

R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 5109251
Conc: 0.14 ng/ml



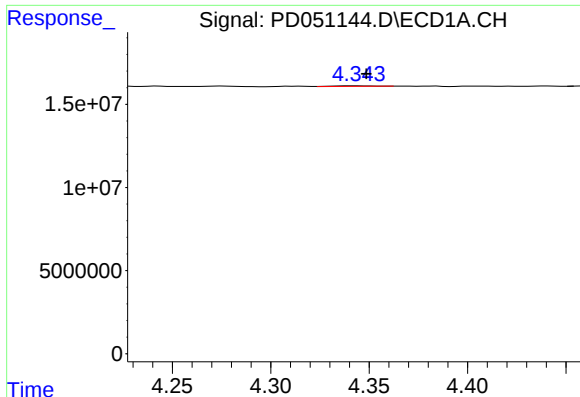
#6 beta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 12338327
Conc: 11.16 ng/ml



#6 beta-BHC

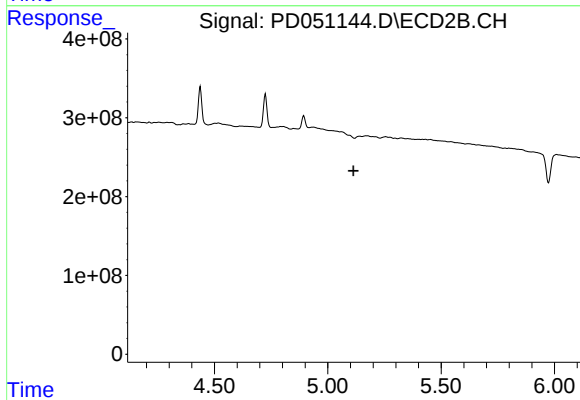
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 196511259
Conc: 11.35 ng/ml



#7 delta-BHC

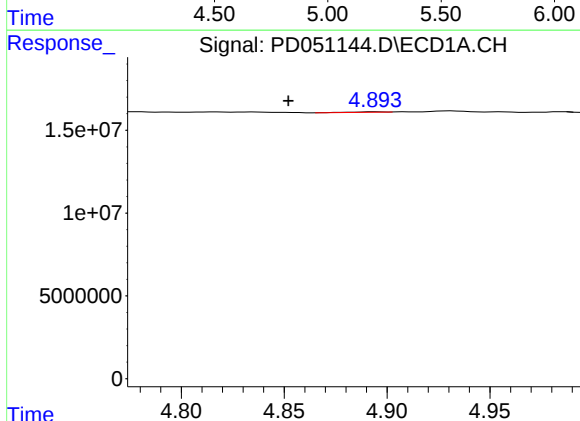
R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 423527
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



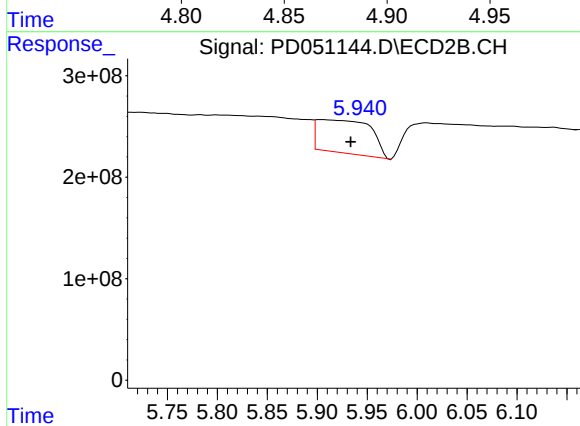
#7 delta-BHC

R.T.: 5.142 min
Delta R.T.: 0.028 min
Response: -21698351
Conc: N.D.



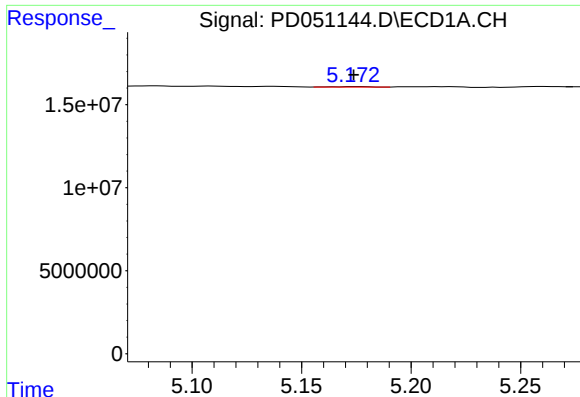
#8 Heptachlor epoxide

R.T.: 4.894 min
Delta R.T.: 0.042 min
Response: 263341
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

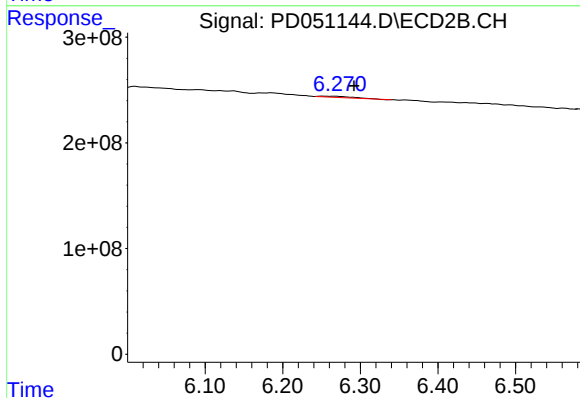
R.T.: 5.905 min
Delta R.T.: -0.028 min
Response: 1218361010
Conc: 36.41 ng/ml



#9 Endosulfan I

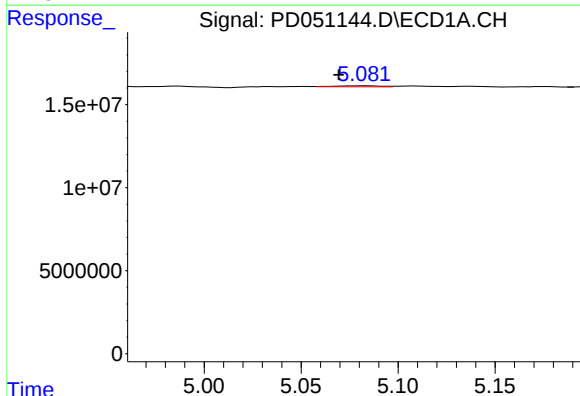
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 316302
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



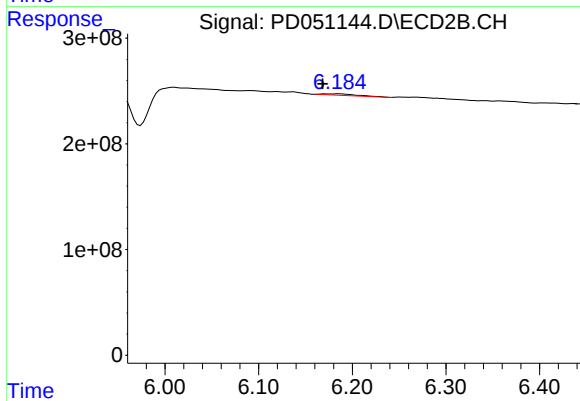
#9 Endosulfan I

R.T.: 6.251 min
Delta R.T.: -0.041 min
Response: 21475950
Conc: 0.72 ng/ml



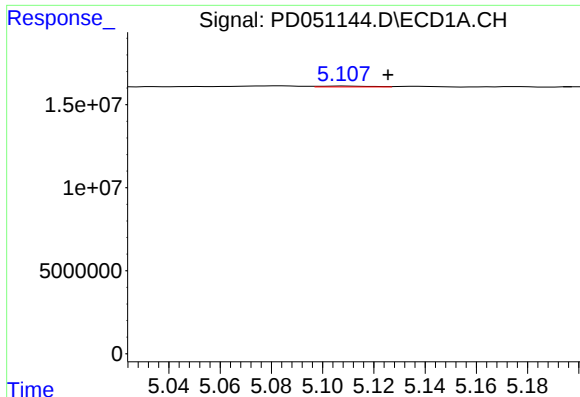
#10 gamma-Chlordane

R.T.: 5.082 min
Delta R.T.: 0.013 min
Response: 920412
Conc: 0.32 ng/ml



#10 gamma-Chlordane

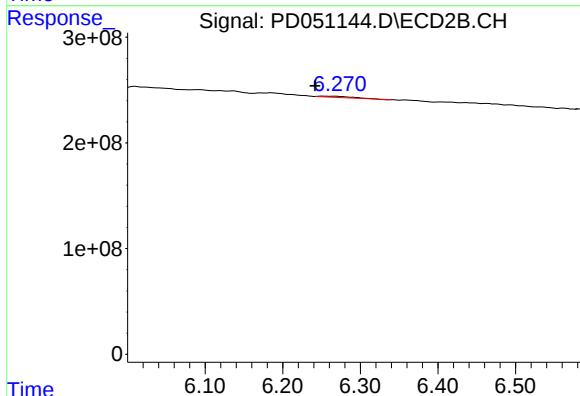
R.T.: 6.185 min
Delta R.T.: 0.017 min
Response: 35156528
Conc: 1.03 ng/ml



#11 alpha-Chlordane

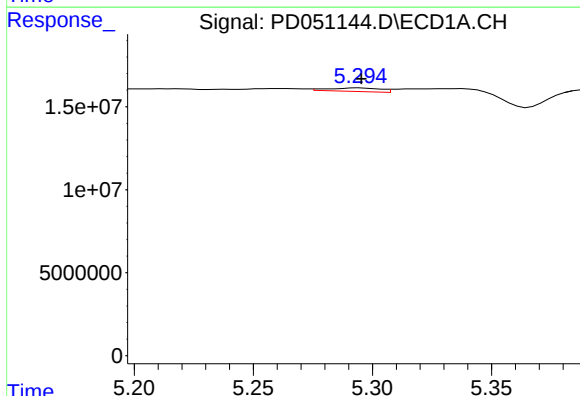
R.T.: 5.109 min
Delta R.T.: -0.017 min
Response: 736661
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



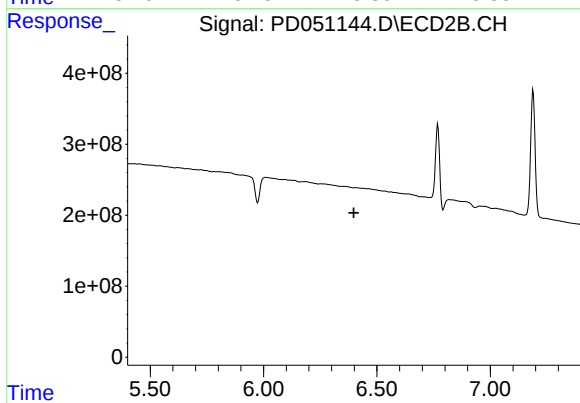
#11 alpha-Chlordane

R.T.: 6.251 min
Delta R.T.: 0.010 min
Response: 21475950
Conc: 0.66 ng/ml



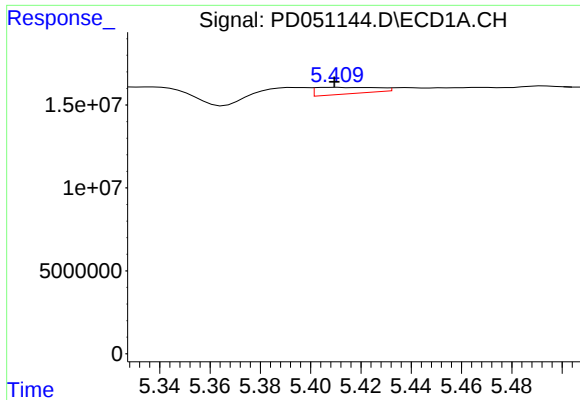
#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 3205062
Conc: 1.15 ng/ml



#12 4,4'-DDE

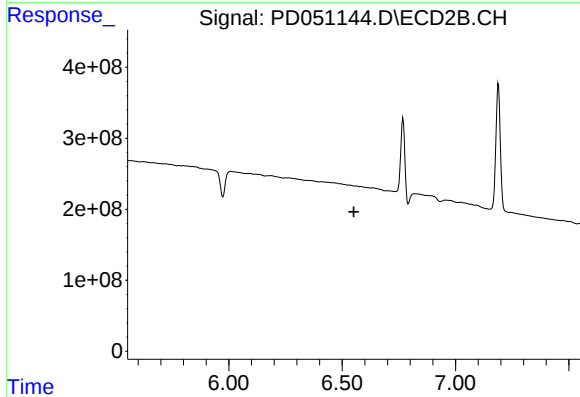
R.T.: 0.000 min
Exp R.T.: 6.398 min
Response: 0
Conc: N.D.



#13 Dieldrin

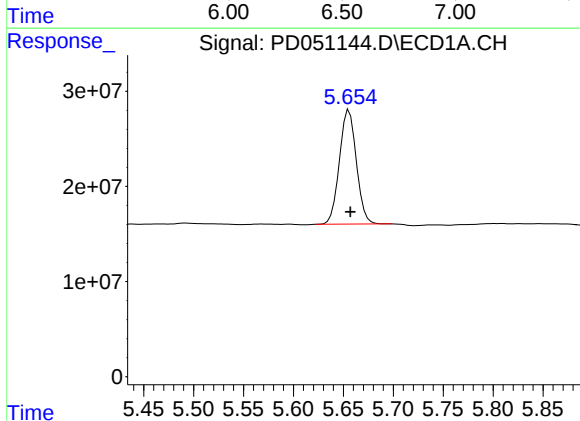
R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 6531083
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



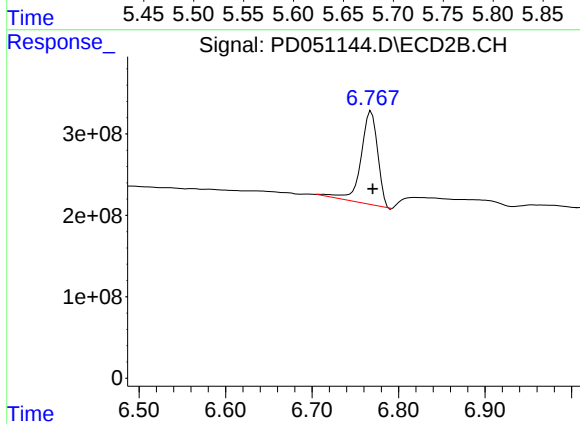
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.551 min
Response: 0
Conc: N.D.



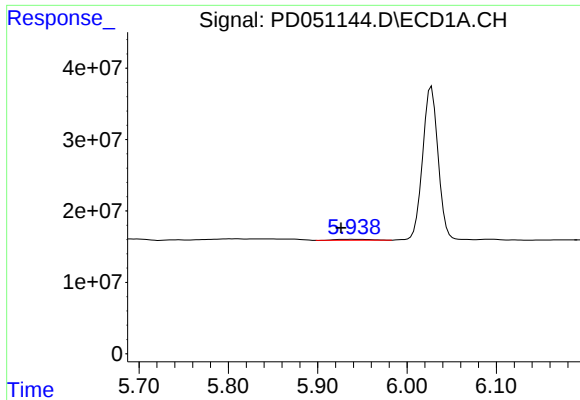
#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 141785626
Conc: 50.92 ng/ml



#14 Endrin

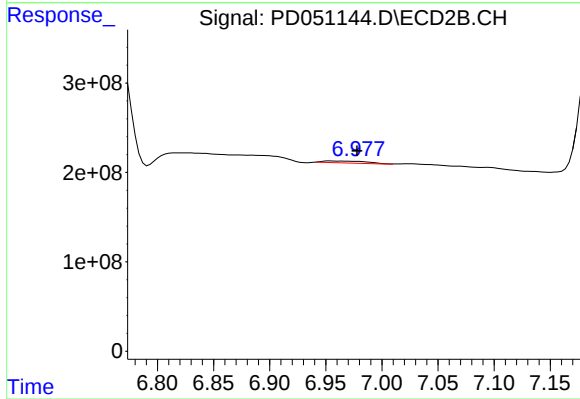
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1547470699
Conc: 57.65 ng/ml



#15 Endosulfan II

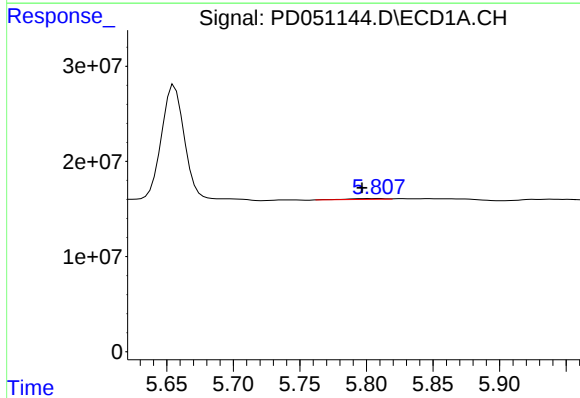
R.T.: 5.940 min
Delta R.T.: 0.013 min
Response: 3529859
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



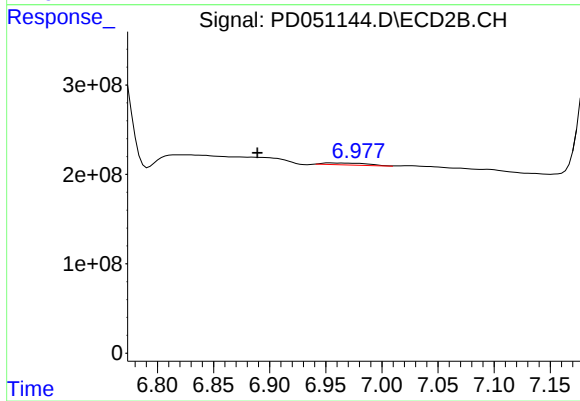
#15 Endosulfan II

R.T.: 6.954 min
Delta R.T.: -0.023 min
Response: 60937890
Conc: 2.25 ng/ml



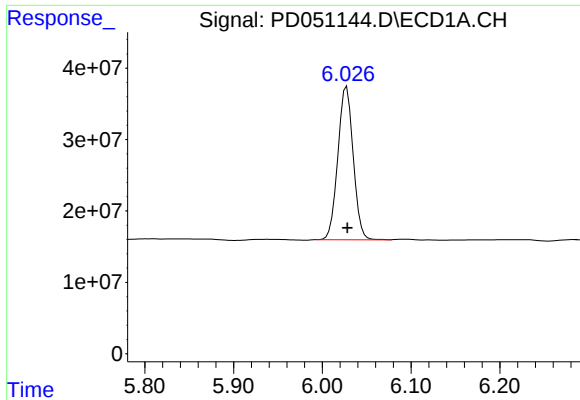
#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: 0.012 min
Response: 1679441
Conc: 0.68 ng/ml



#16 4,4'-DDD

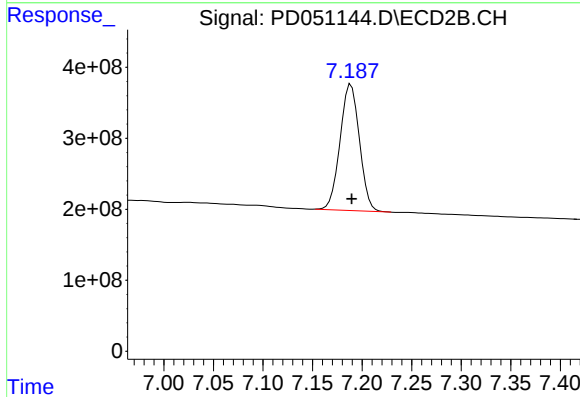
R.T.: 6.954 min
Delta R.T.: 0.065 min
Response: 60937890
Conc: 2.30 ng/ml



#17 4,4'-DDT

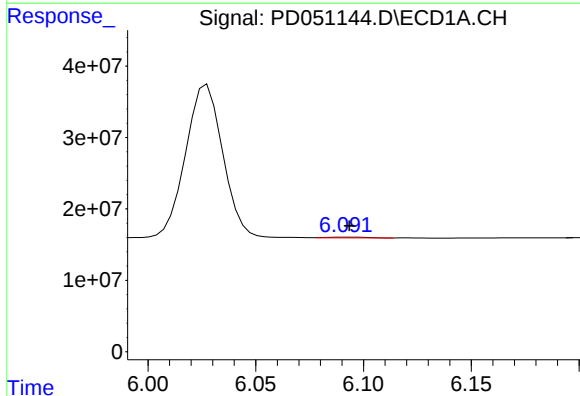
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 258414708
Conc: 104.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



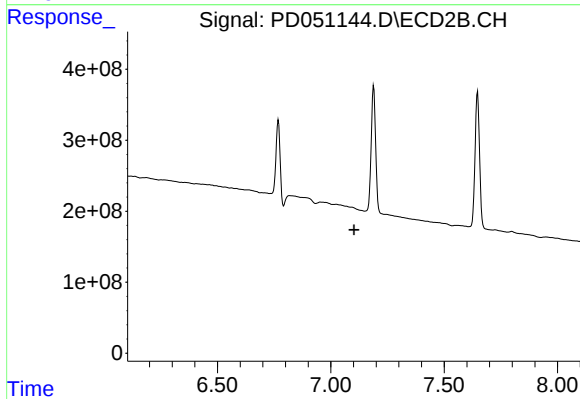
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 2419052530
Conc: 107.49 ng/ml



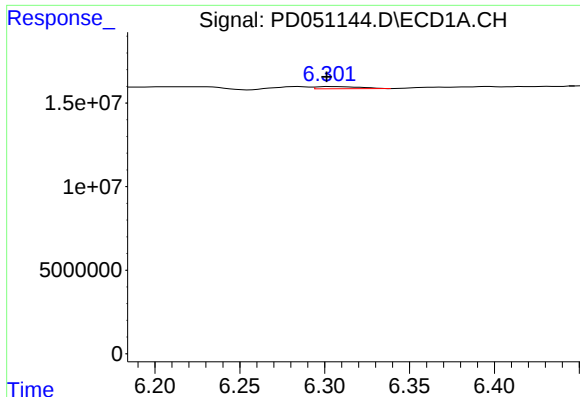
#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 1354335
Conc: 0.64 ng/ml



#18 Endrin aldehyde

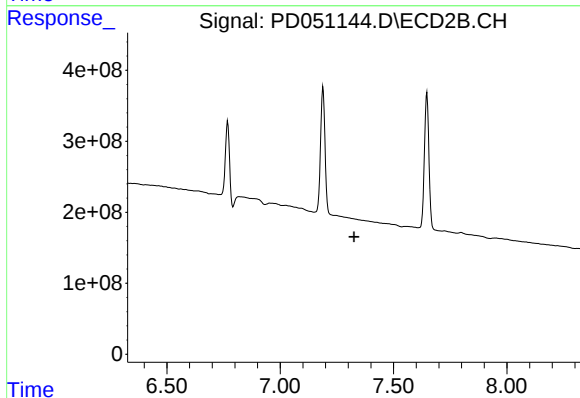
R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

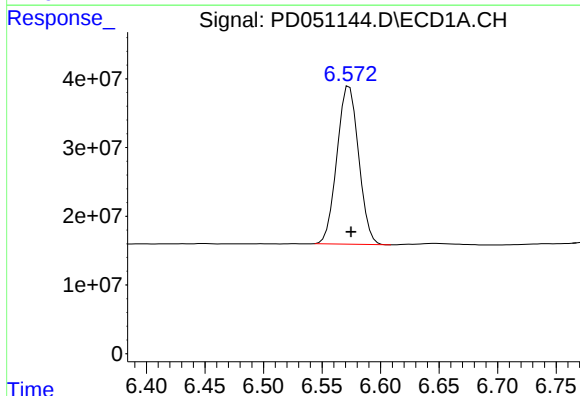
R.T.: 6.303 min
Delta R.T.: 0.001 min
Response: 2404246
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



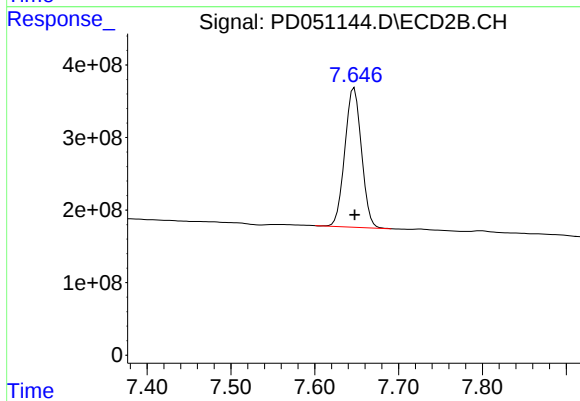
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.327 min
Response: 0
Conc: N.D.



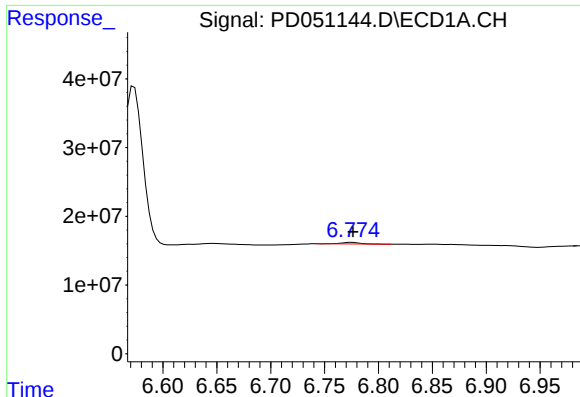
#20 Methoxychlor

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 296800877
Conc: 238.52 ng/ml



#20 Methoxychlor

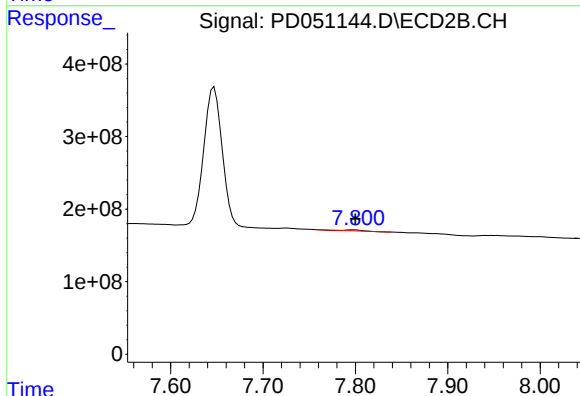
R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 2649028629
Conc: 248.74 ng/ml



#21 Endrin ketone

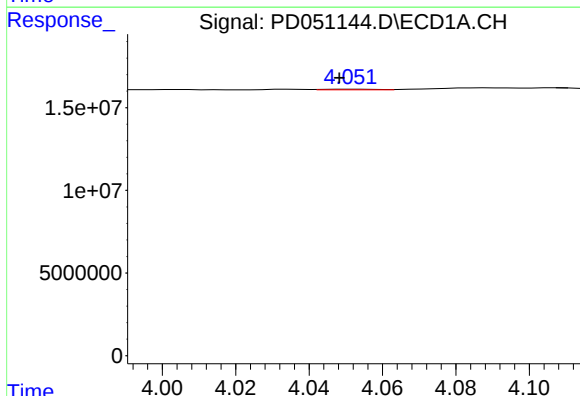
R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 2601655
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



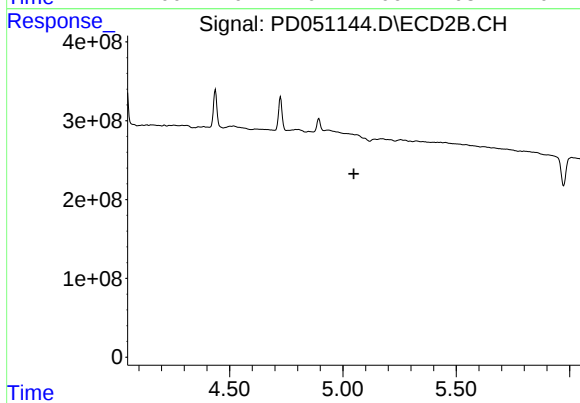
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 10985906
Conc: 0.48 ng/ml



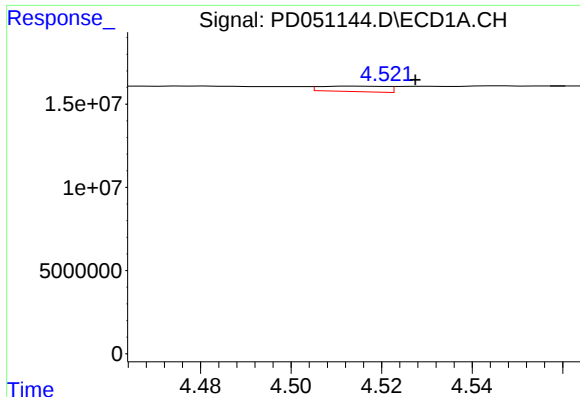
#23 Chlordane-1

R.T.: 4.052 min
Delta R.T.: 0.004 min
Response: 403867
Conc: 4.23 ng/ml



#23 Chlordane-1

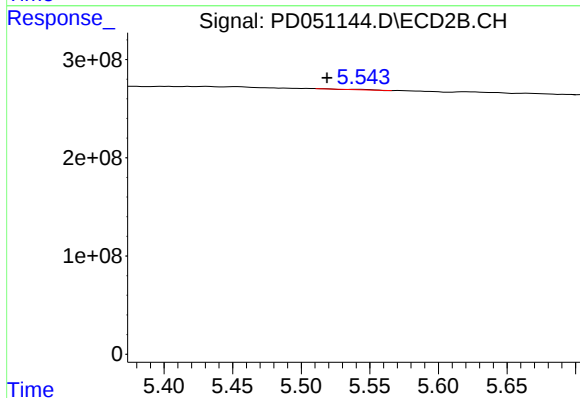
R.T.: 0.000 min
Exp R.T.: 5.048 min
Response: 0
Conc: N.D.



#24 Chlordane-2

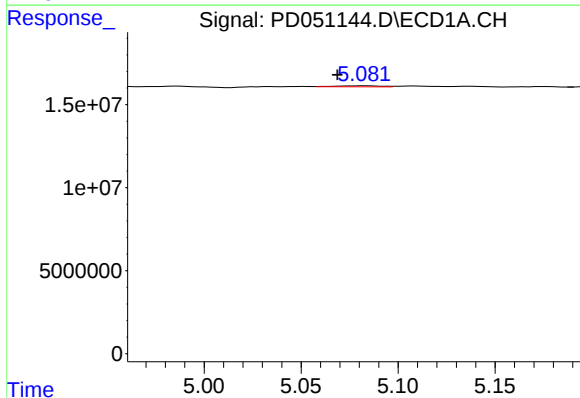
R.T.: 4.515 min
Delta R.T.: -0.013 min
Response: 3316471
Conc: 34.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



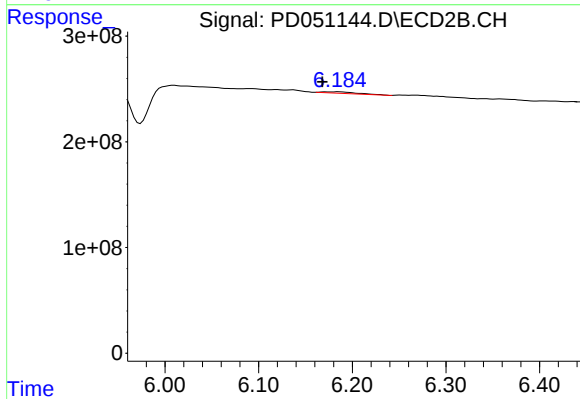
#24 Chlordane-2

R.T.: 5.542 min
Delta R.T.: 0.024 min
Response: 5109251
Conc: 4.27 ng/ml



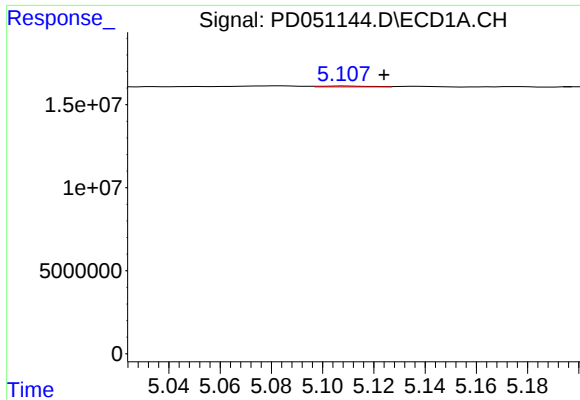
#25 Chlordane-3

R.T.: 5.082 min
Delta R.T.: 0.014 min
Response: 920412
Conc: 2.88 ng/ml



#25 Chlordane-3

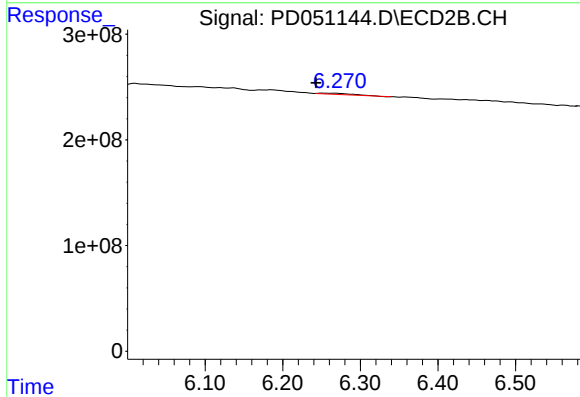
R.T.: 6.185 min
Delta R.T.: 0.017 min
Response: 35156528
Conc: 7.54 ng/ml



#26 Chlordane-4

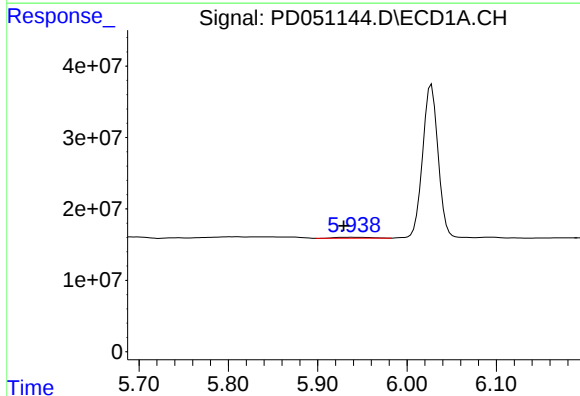
R.T.: 5.109 min
Delta R.T.: -0.015 min
Response: 736661
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



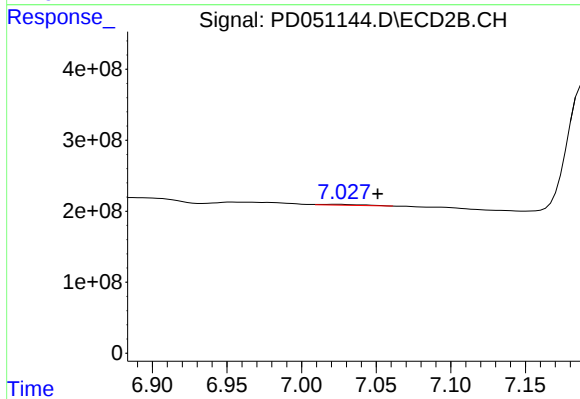
#26 Chlordane-4

R.T.: 6.251 min
Delta R.T.: 0.008 min
Response: 21475950
Conc: 4.06 ng/ml



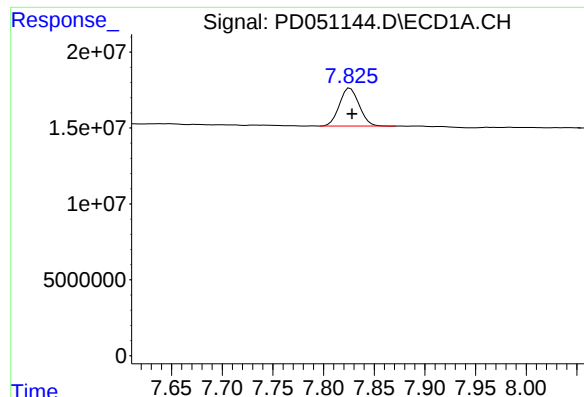
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: 0.010 min
Response: 3529859
Conc: 31.64 ng/ml



#27 Chlordane-5

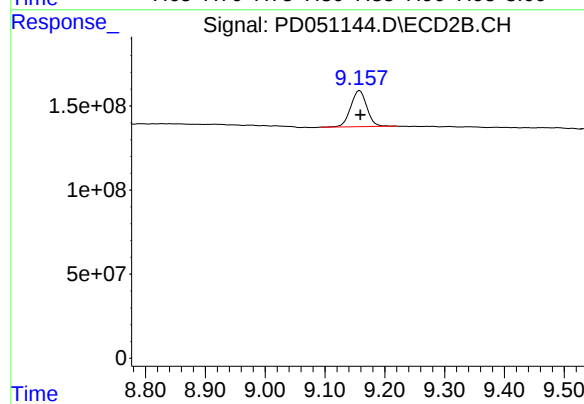
R.T.: 7.024 min
Delta R.T.: -0.027 min
Response: 20893432
Conc: 20.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 33184703
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: -0.001 min
Response: 399871175
Conc: 22.47 ng/ml