Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 09:13
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: Feb 08 19:43:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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...	3.566	2.794	28497815	50743410	20.075	21.212	
28)	SA Decachlor...	9.112	7.932	36575683	49851811	18.175	18.716	
	Target Compounds							
2)	A alpha-BHC	4.022	3.295	22590987	38137747	9.095	9.939	
3)	MA gamma-BHC...	4.356	3.625	23002707	35738882	9.398	9.559	
4)	MA Heptachlor	4.964f	0.000	158748	0	0.064	N.D.	#
5)	MB Aldrin	0.000	4.254	0	874069	N.D.	0.240	#
6)	B beta-BHC	4.550	3.920	10954781	17184392	10.827	10.997	
7)	B delta-BHC	4.792	4.150	704101	346415	0.281	0.092	#
8)	B Heptachlo...	5.709	0.000	1962952	0	0.877	N.D.	#
9)	A Endosulfan I	6.097	0.000	303721	0	0.146	N.D.	#
10)	B gamma-Chl...	5.945f	5.004	2977149	1308347	1.360	0.400	#
11)	B alpha-Chl...	6.078f	0.000	2376745	0	1.092	N.D.	#
12)	B 4,4'-DDE	6.224	5.252	393110	606857	0.193	0.198	
13)	MA Dieldrin	6.402f	0.000	786538	0	0.356	N.D.	#
14)	MA Endrin	6.612	5.657	77390245	137.0E6	41.435	46.245	
15)	B Endosulfa...	6.843	5.966	1039222	858706	0.537	0.299	#
16)	A 4,4'-DDD	6.743	5.804	2103037	3902944	1.280	1.487	
17)	MA 4,4'-DDT	7.059	6.055	157.6E6	249.4E6	88.515	94.013	
18)	B Endrin al...	6.960	6.130	2337306	4292848	1.537	1.904	
20)	A Methoxychlor	7.532	6.629	213.9E6	310.0E6	207.823	198.062	
21)	B Endrin ke...	7.681	6.857	5350359	8671974	2.558	2.687	
22)	Mirex	8.164	7.056	228903	385272	0.139	0.153	
24)	Chlordane-2	0.000	4.375	0	1121512	N.D.	9.150	#
25)	Chlordane-3	5.945f	5.004	2977149	1308347	9.428	3.898	#
26)	Chlordane-4	6.078f	0.000	2376745	0	6.242	N.D.	#
27)	Chlordane-5	0.000	5.966	0	858706	N.D.	7.083	#

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

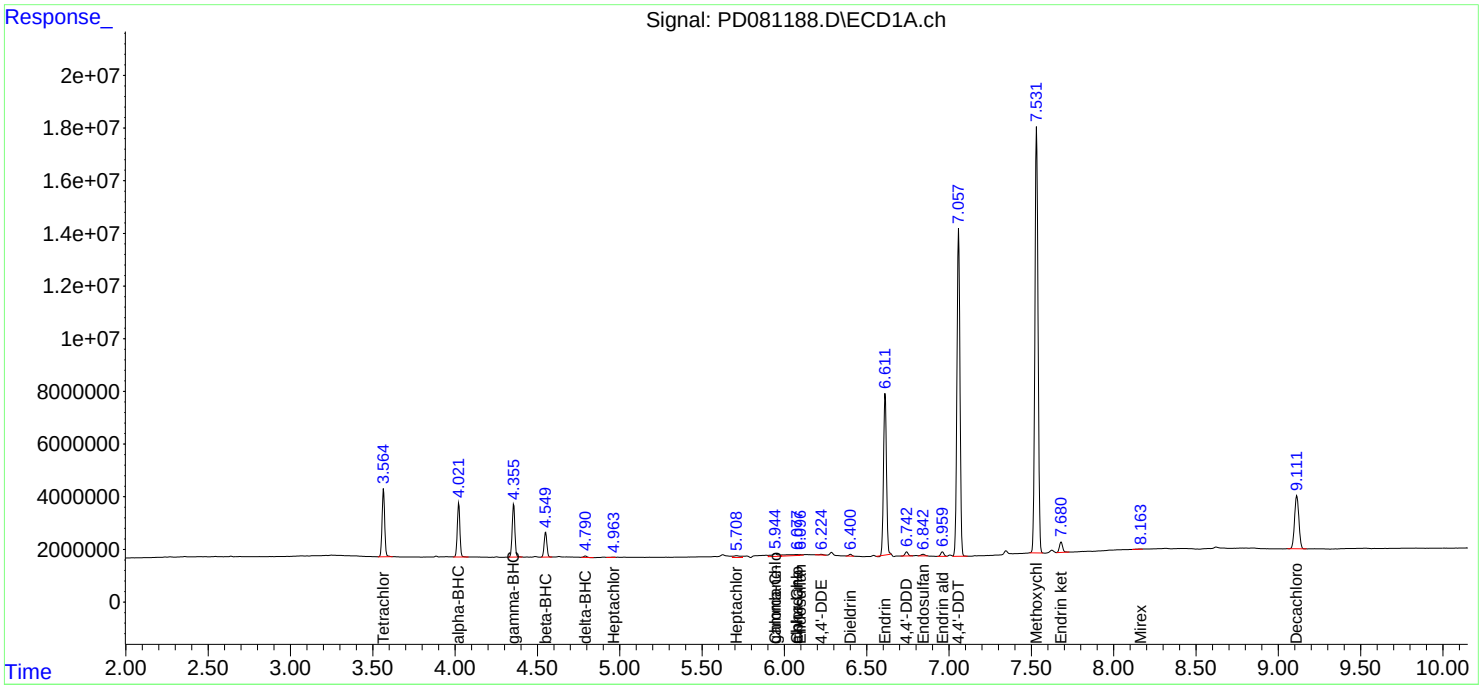
Quantitation Report (Not Reviewed)

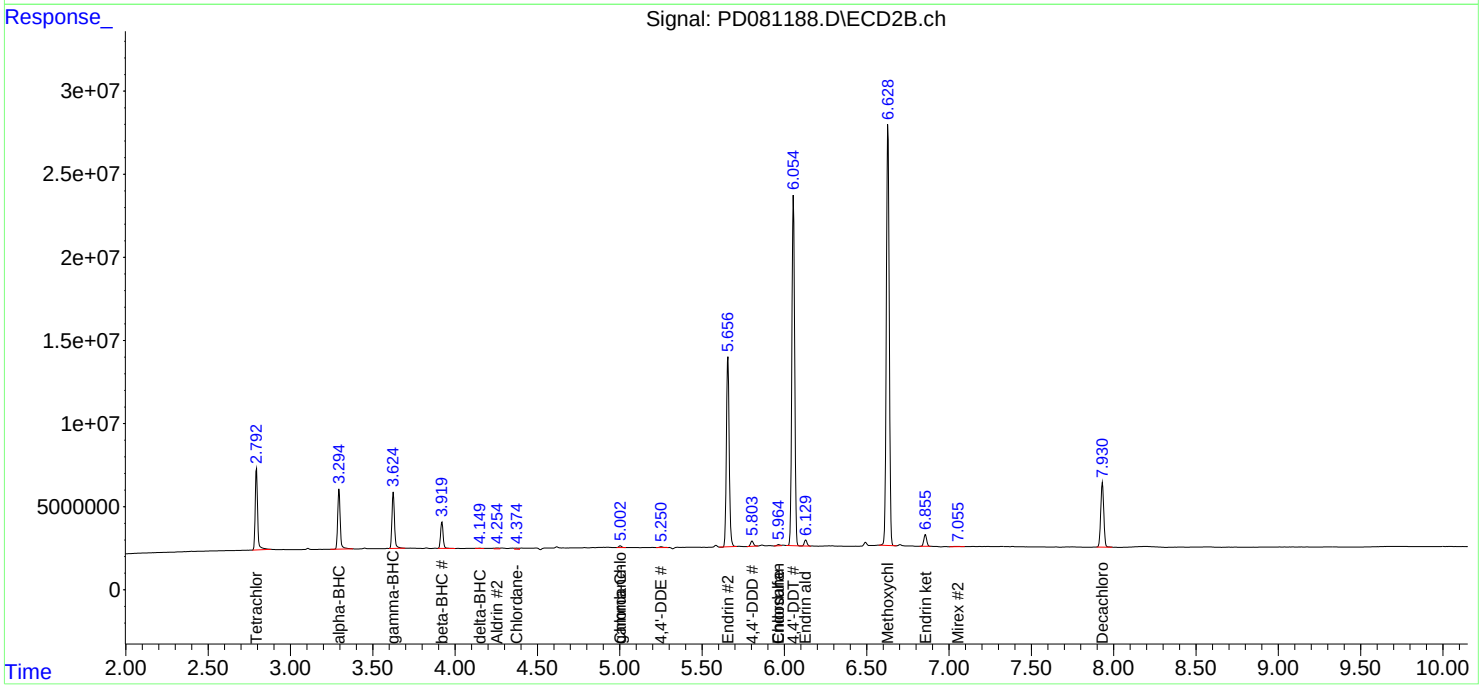
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 09:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

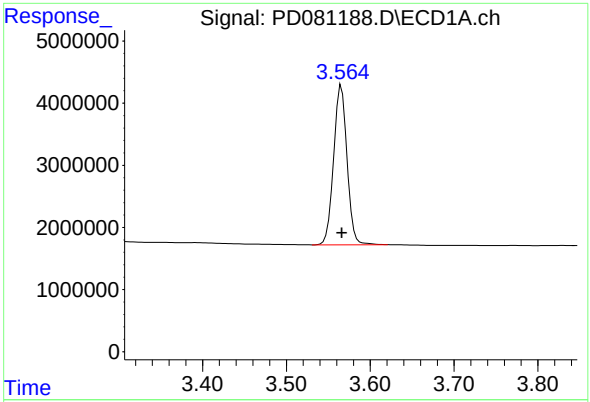
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 19:43:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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



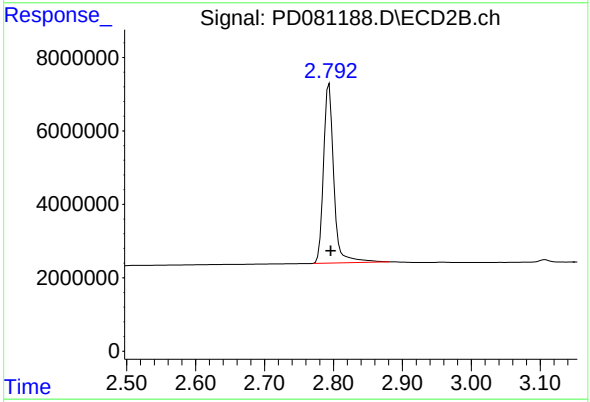




#1 Tetrachloro-m-xylene

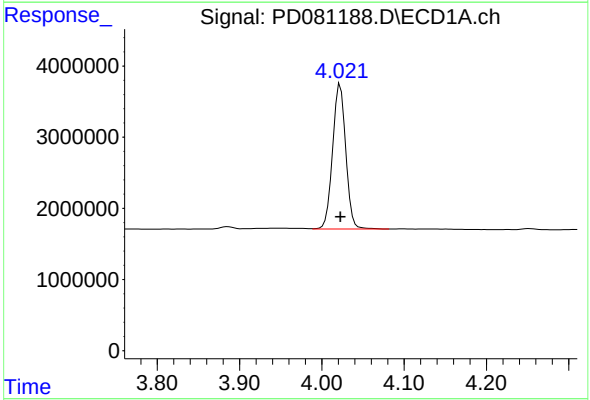
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 28497815
Conc: 20.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



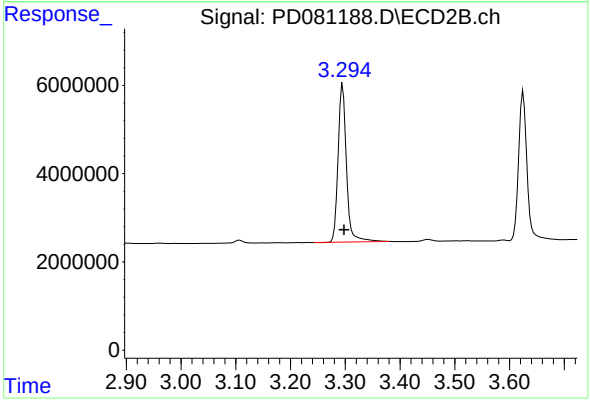
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 50743410
Conc: 21.21 ng/ml



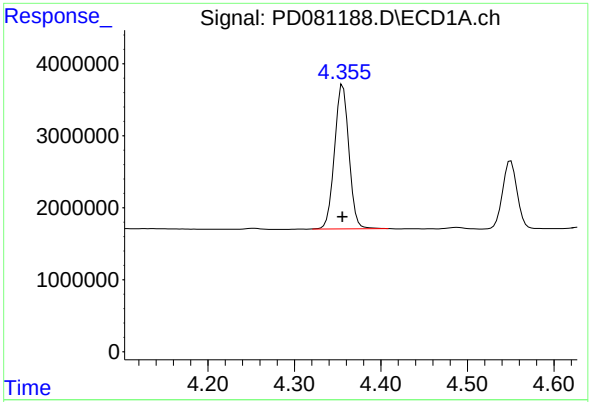
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 22590987
Conc: 9.10 ng/ml



#2 alpha-BHC

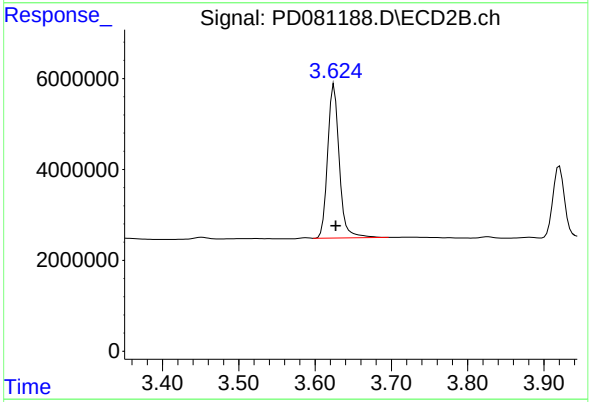
R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 38137747
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

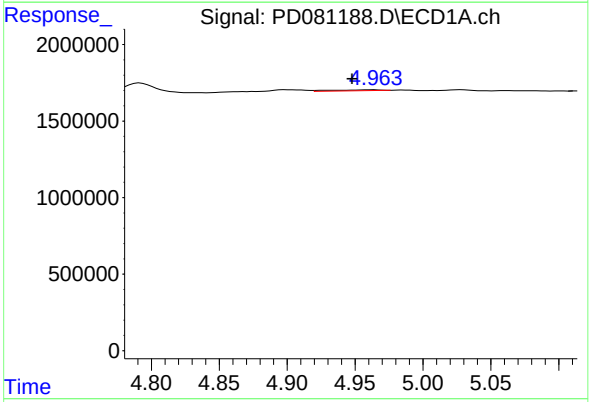
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 23002707
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



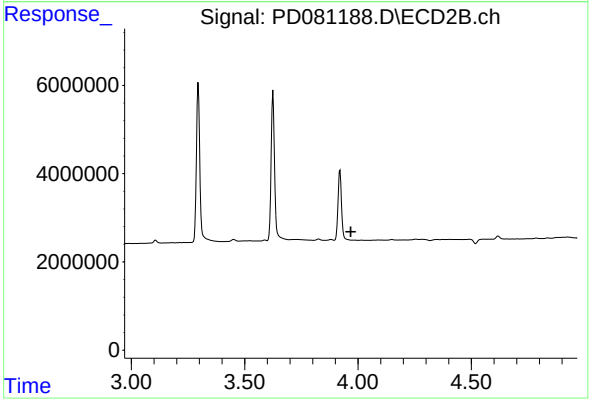
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 35738882
Conc: 9.56 ng/ml



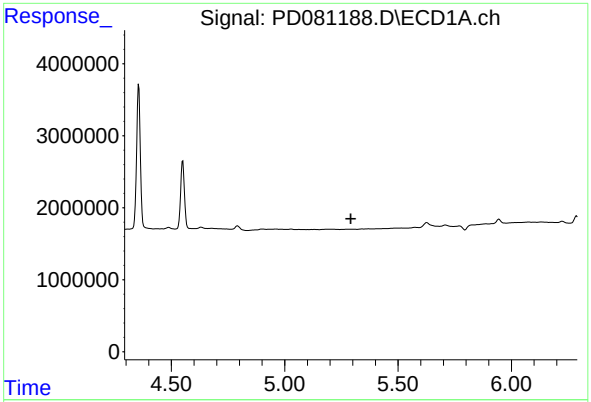
#4 Heptachlor

R.T.: 4.964 min
Delta R.T.: 0.016 min
Response: 158748
Conc: 0.06 ng/ml



#4 Heptachlor

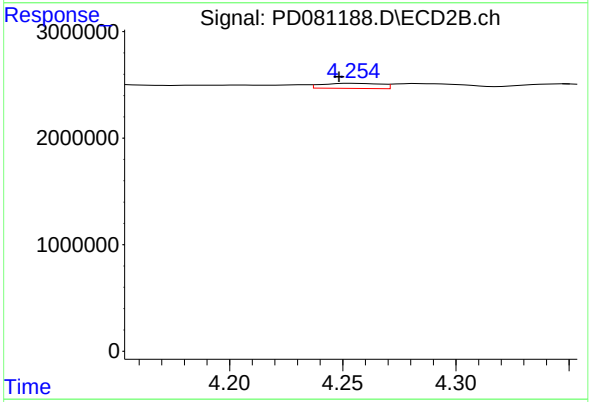
R.T.: 0.000 min
Exp R.T. : 3.968 min
Response: 0
Conc: N.D.



#5 Aldrin

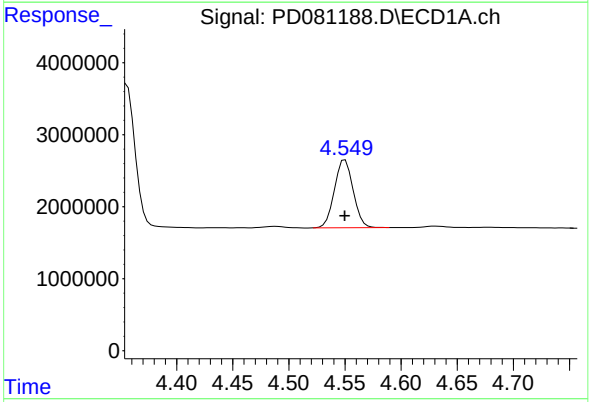
R.T.: 0.000 min
Exp R.T. : 5.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



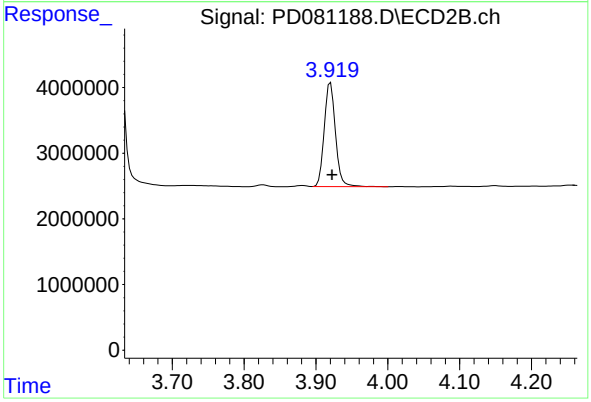
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: 0.006 min
Response: 874069
Conc: 0.24 ng/ml



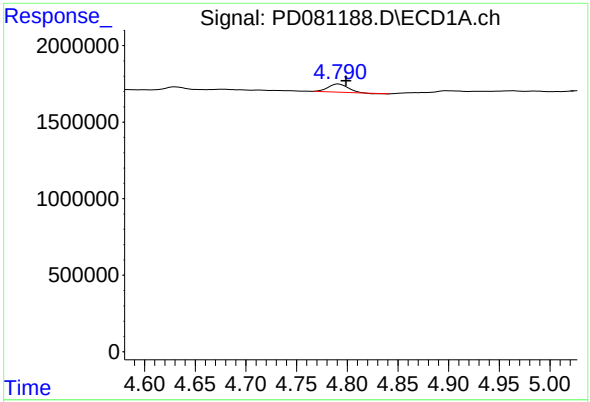
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 10954781
Conc: 10.83 ng/ml



#6 beta-BHC

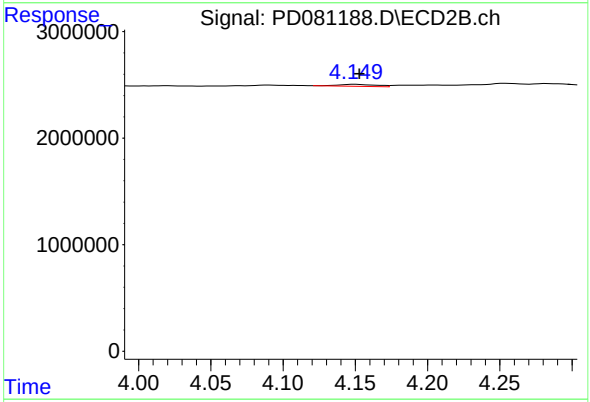
R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 17184392
Conc: 11.00 ng/ml



#7 delta-BHC

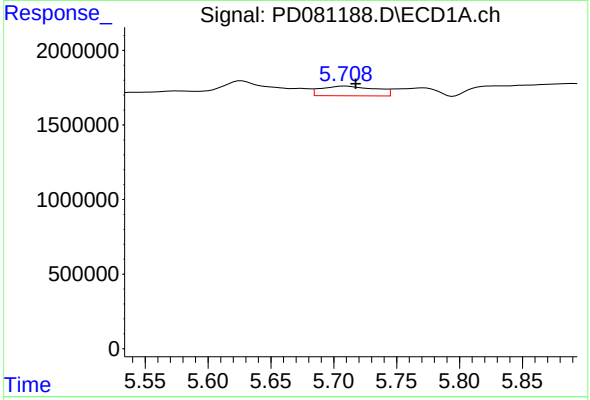
R.T.: 4.792 min
Delta R.T.: -0.007 min
Response: 704101
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



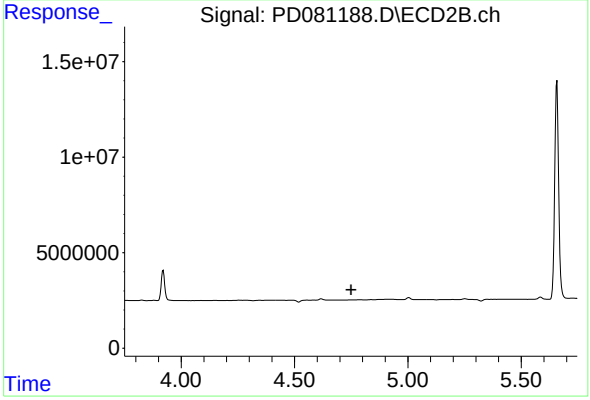
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 346415
Conc: 0.09 ng/ml



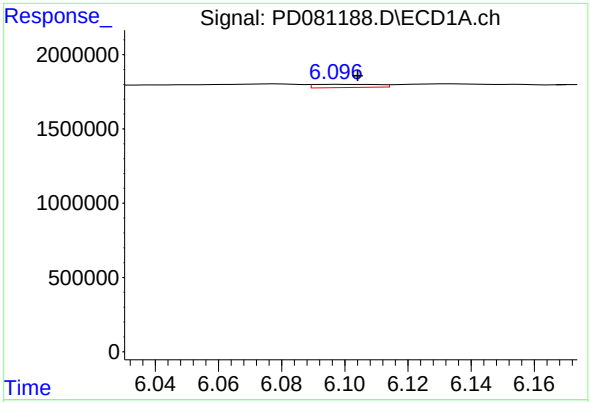
#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: -0.008 min
Response: 1962952
Conc: 0.88 ng/ml



#8 Heptachlor epoxide

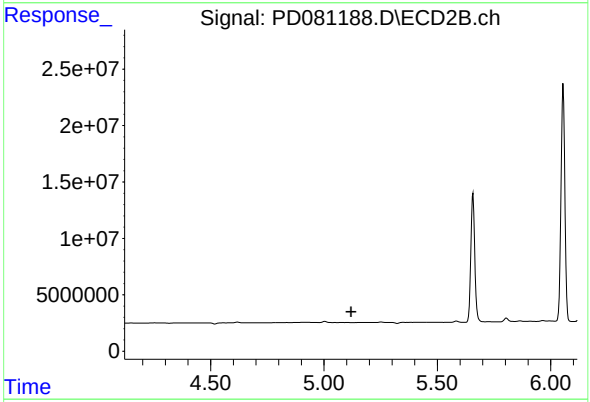
R.T.: 0.000 min
Exp R.T. : 4.750 min
Response: 0
Conc: N.D.



#9 Endosulfan I

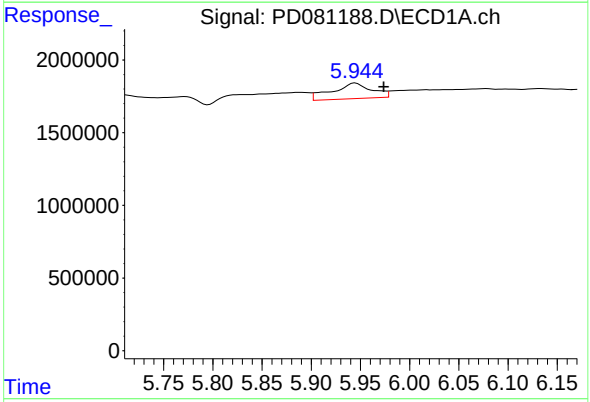
R.T.: 6.097 min
Delta R.T.: -0.007 min
Response: 303721
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



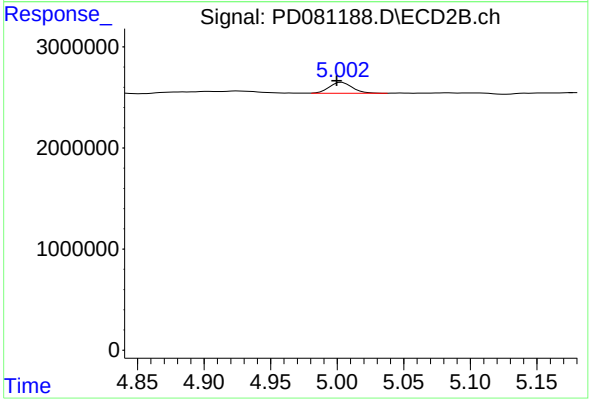
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



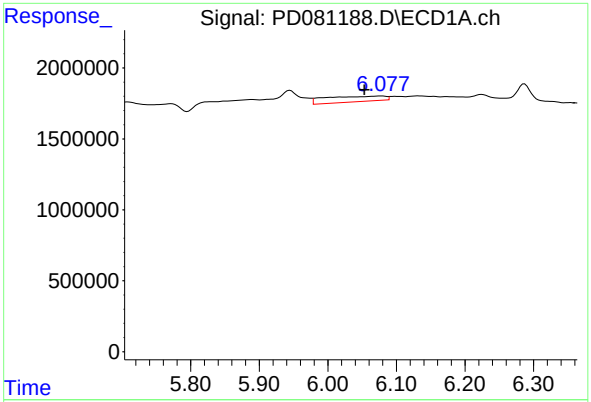
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.029 min
Response: 2977149
Conc: 1.36 ng/ml



#10 gamma-Chlordane

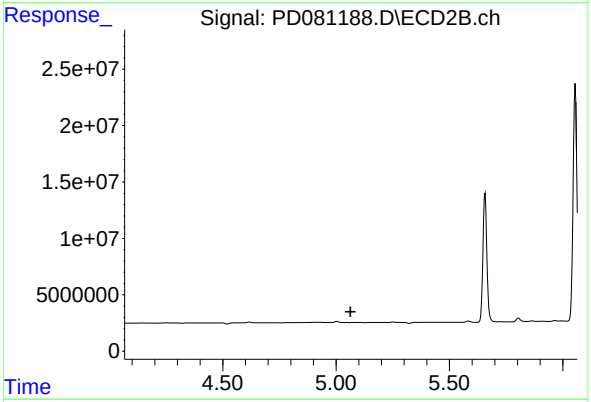
R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 1308347
Conc: 0.40 ng/ml



#11 alpha-Chlordane

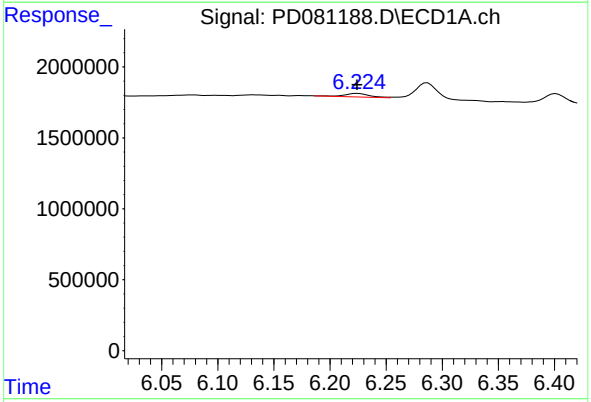
R.T.: 6.078 min
Delta R.T.: 0.025 min
Response: 2376745
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



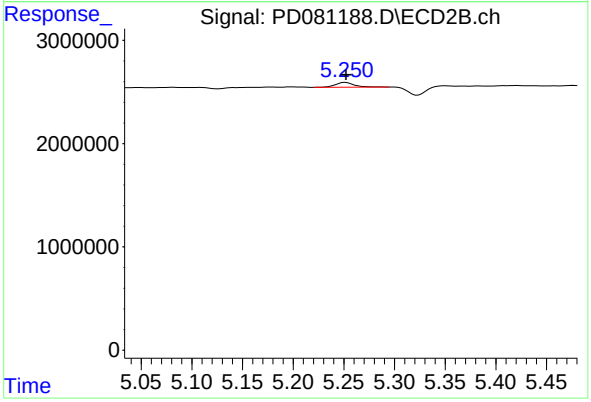
#11 alpha-Chlordane

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



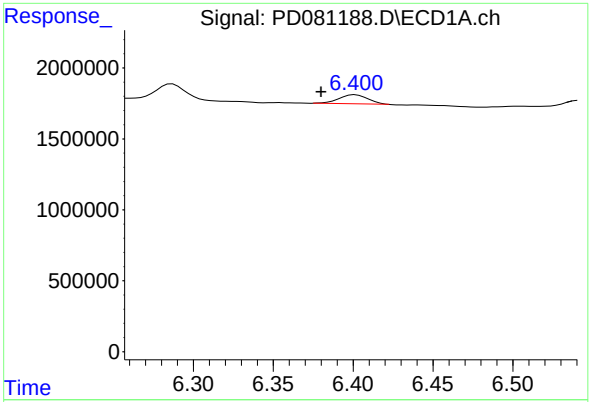
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 393110
Conc: 0.19 ng/ml



#12 4,4'-DDE

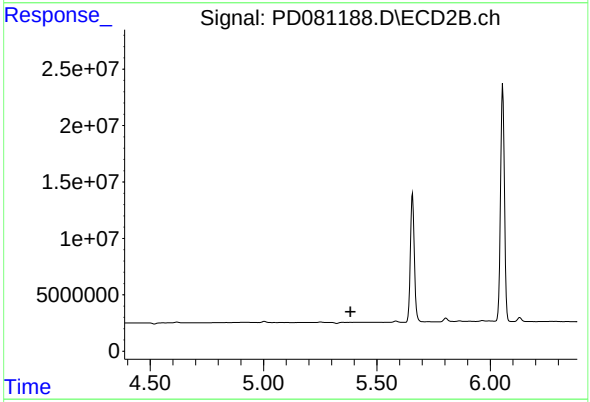
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 606857
Conc: 0.20 ng/ml



#13 Dieldrin

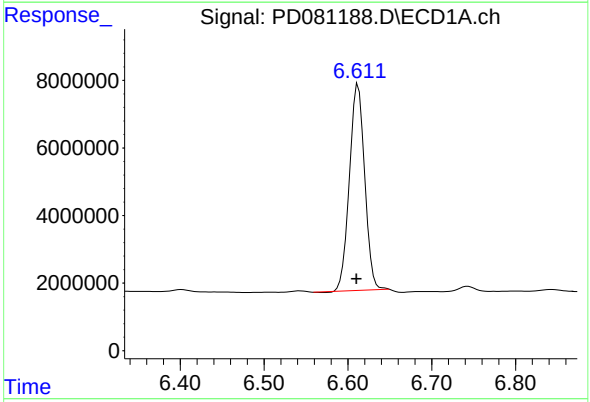
R.T.: 6.402 min
Delta R.T.: 0.022 min
Response: 786538
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



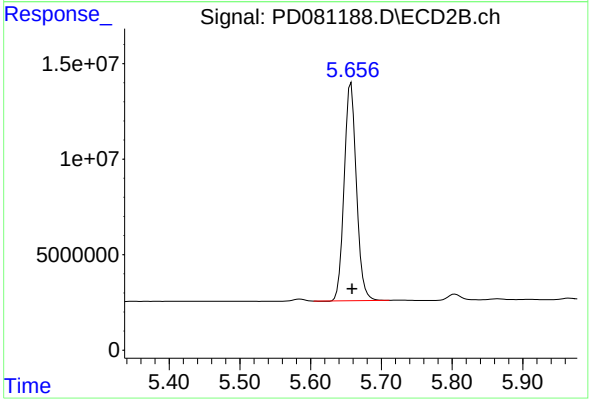
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.384 min
Response: 0
Conc: N.D.



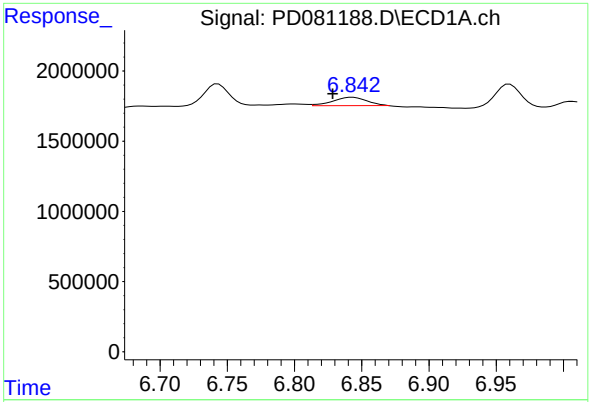
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 77390245
Conc: 41.43 ng/ml



#14 Endrin

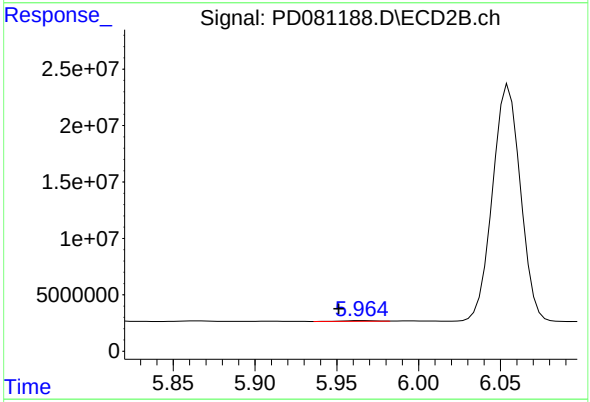
R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 137041626
Conc: 46.24 ng/ml



#15 Endosulfan II

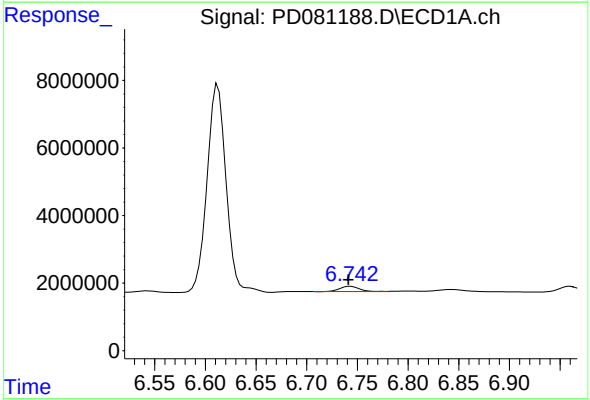
R.T.: 6.843 min
Delta R.T.: 0.015 min
Response: 1039222
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



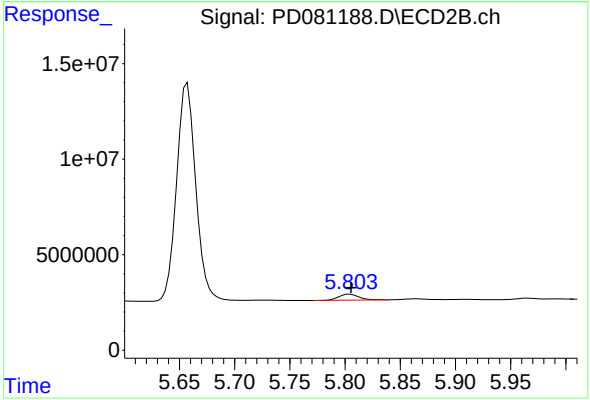
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.014 min
Response: 858706
Conc: 0.30 ng/ml



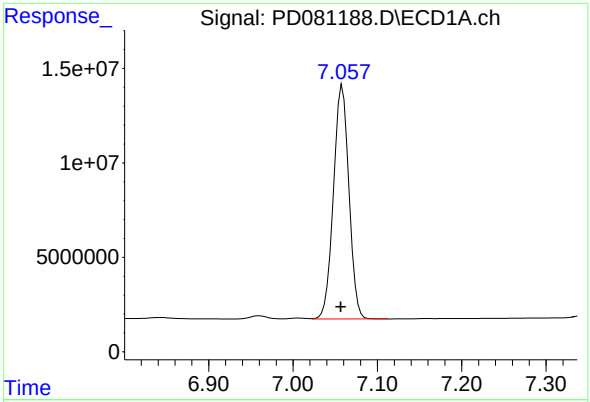
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 2103037
Conc: 1.28 ng/ml



#16 4,4'-DDD

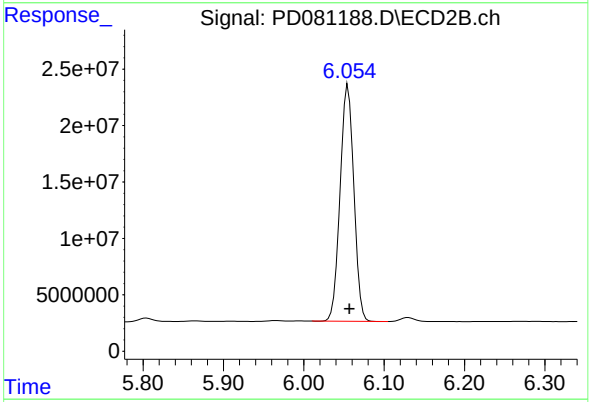
R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 3902944
Conc: 1.49 ng/ml



#17 4,4'-DDT

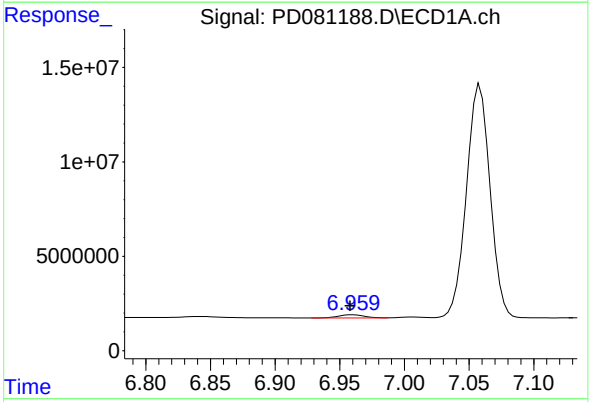
R.T.: 7.059 min
Delta R.T.: 0.002 min
Response: 157635787
Conc: 88.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



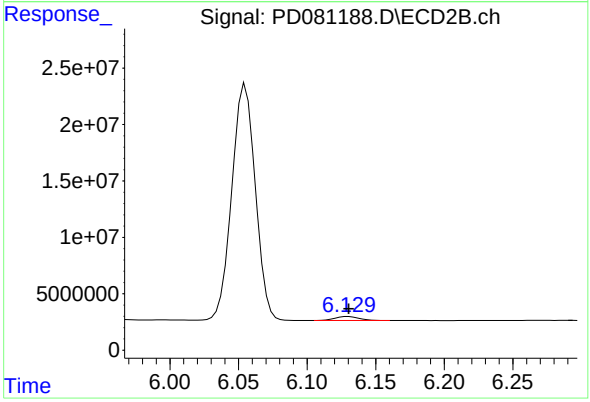
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.001 min
Response: 249421572
Conc: 94.01 ng/ml



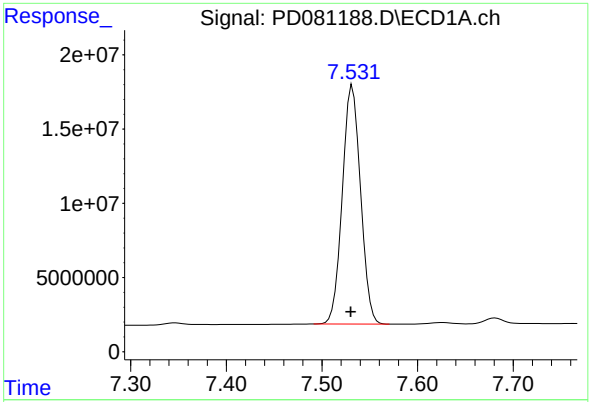
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.002 min
Response: 2337306
Conc: 1.54 ng/ml



#18 Endrin aldehyde

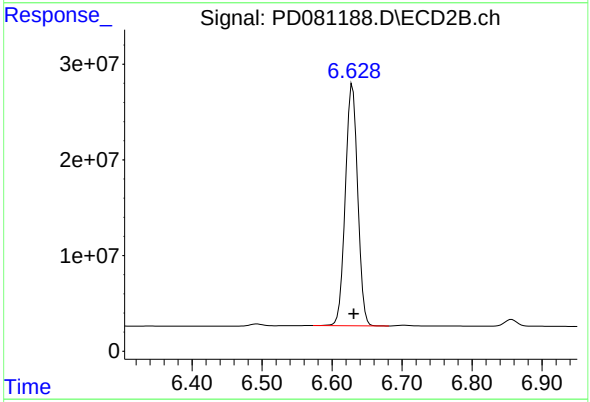
R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4292848
Conc: 1.90 ng/ml



#20 Methoxychlor

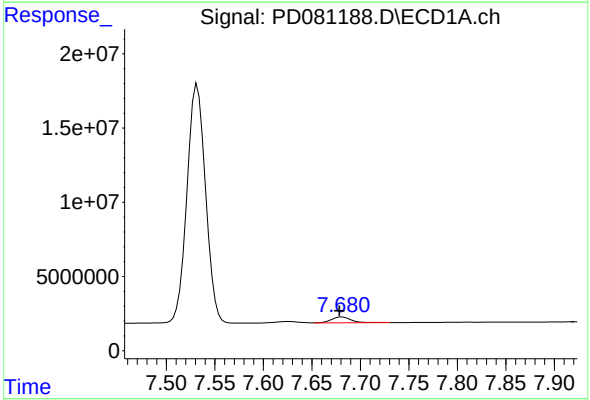
R.T.: 7.532 min
Delta R.T.: 0.002 min
Response: 213907840
Conc: 207.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



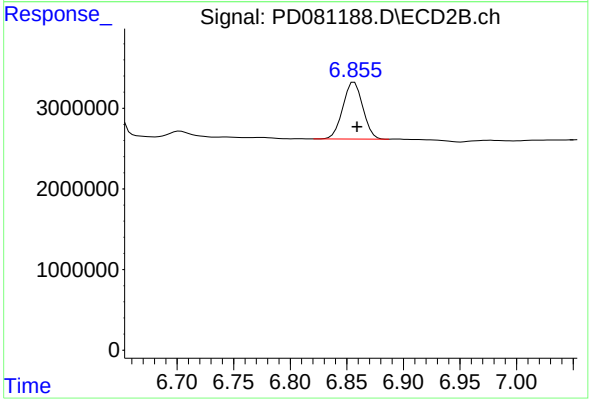
#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 310018033
Conc: 198.06 ng/ml



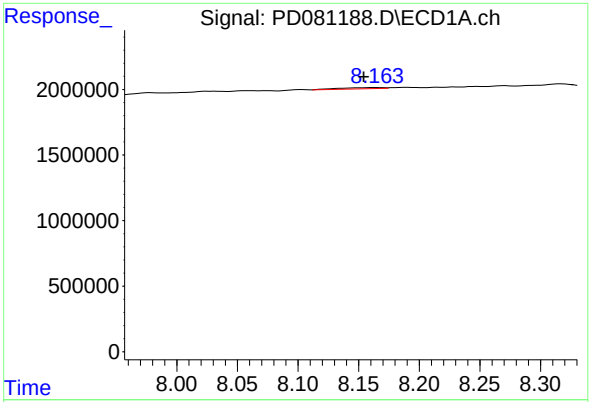
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 5350359
Conc: 2.56 ng/ml



#21 Endrin ketone

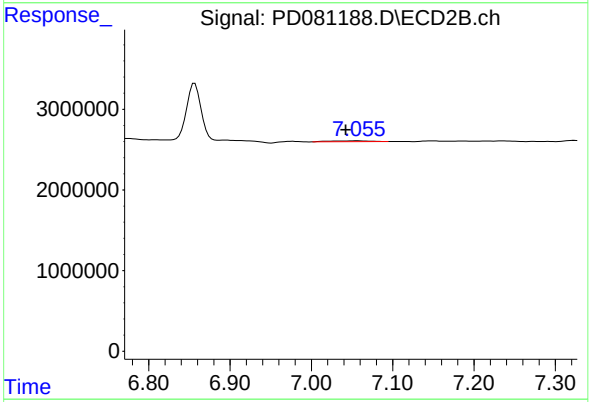
R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 8671974
Conc: 2.69 ng/ml



#22 Mirex

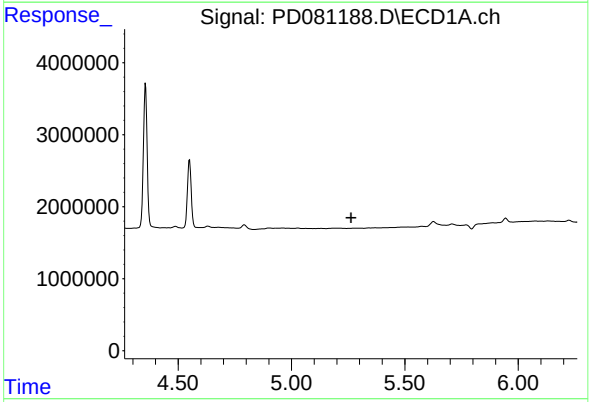
R.T.: 8.164 min
Delta R.T.: 0.010 min
Response: 228903
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



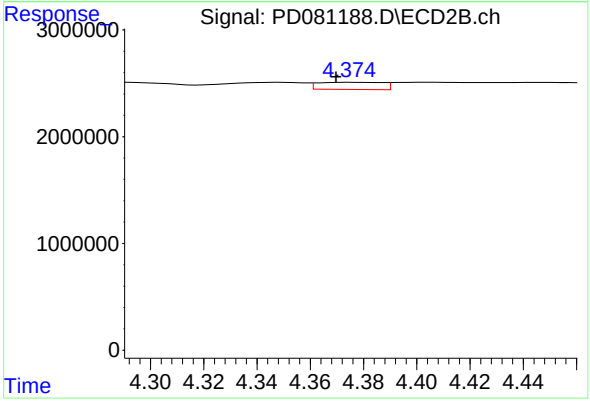
#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.014 min
Response: 385272
Conc: 0.15 ng/ml



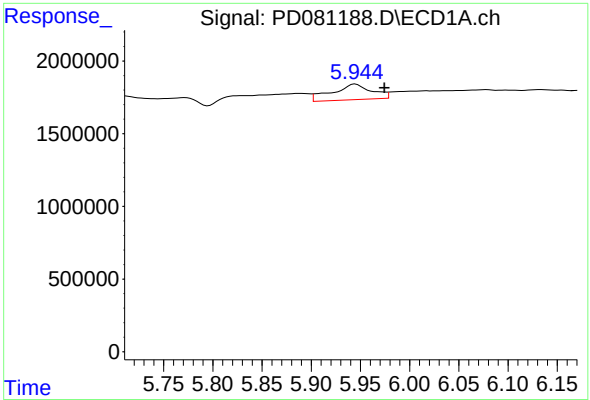
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.263 min
Response: 0
Conc: N.D.



#24 Chlordane-2

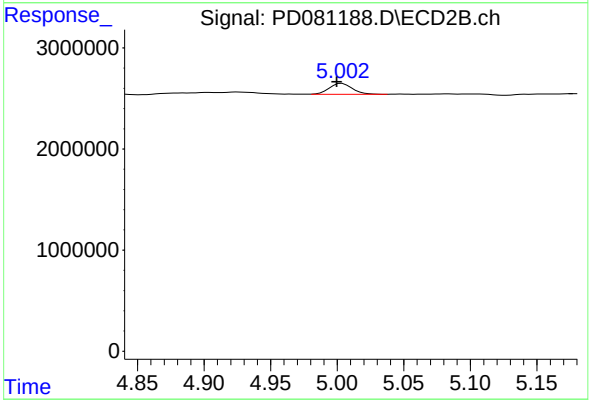
R.T.: 4.375 min
Delta R.T.: 0.005 min
Response: 1121512
Conc: 9.15 ng/ml



#25 Chlordane-3

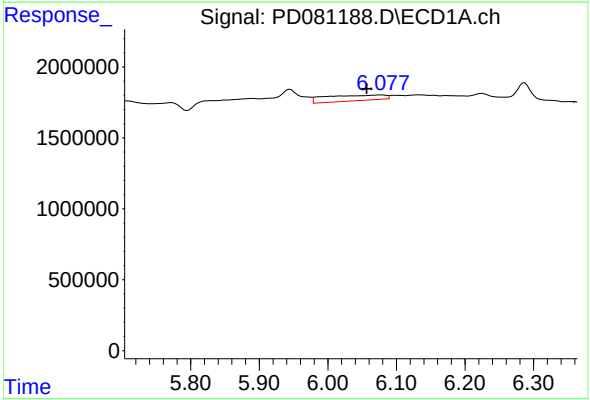
R.T.: 5.945 min
Delta R.T.: -0.029 min
Response: 2977149
Conc: 9.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



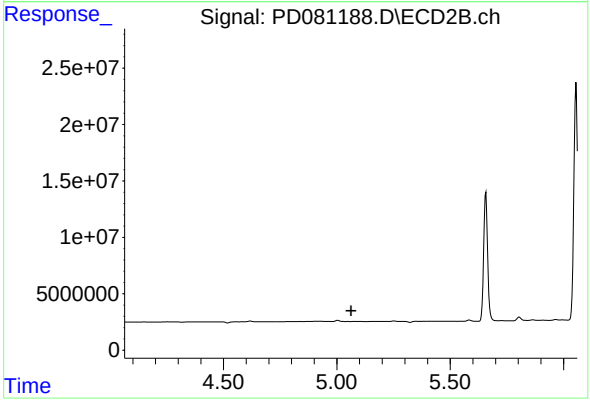
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 1308347
Conc: 3.90 ng/ml



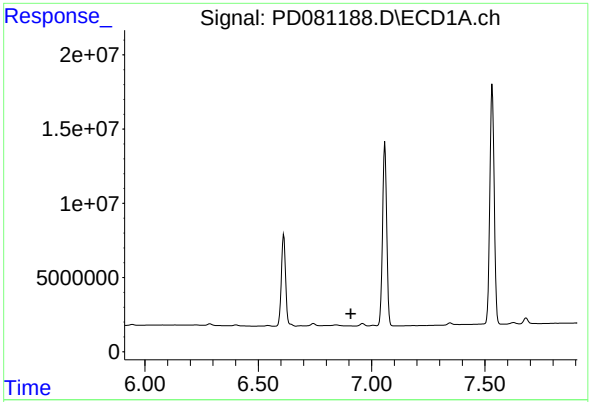
#26 Chlordane-4

R.T.: 6.078 min
Delta R.T.: 0.021 min
Response: 2376745
Conc: 6.24 ng/ml



#26 Chlordane-4

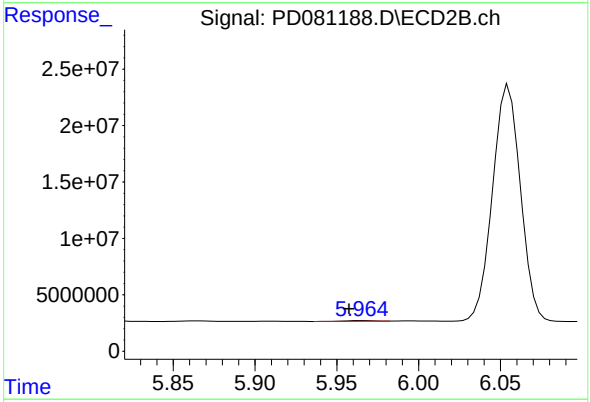
R.T.: 0.000 min
Exp R.T. : 5.063 min
Response: 0
Conc: N.D.



#27 Chlordane-5

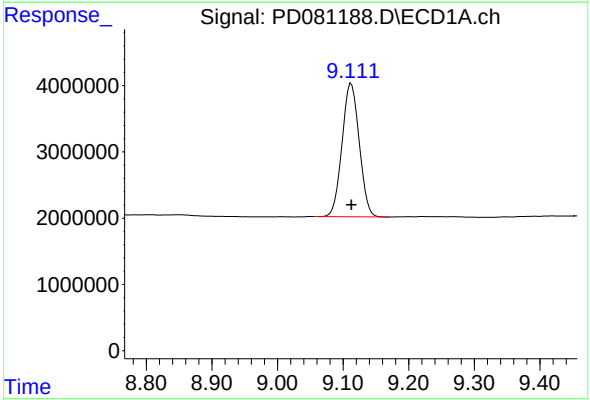
R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



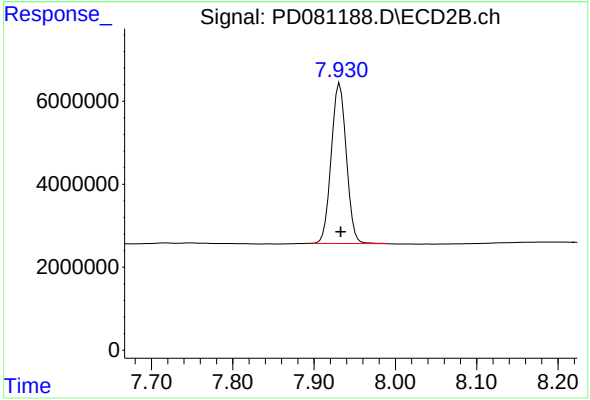
#27 Chlordane-5

R.T.: 5.966 min
Delta R.T.: 0.008 min
Response: 858706
Conc: 7.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: 0.000 min
Response: 36575683
Conc: 18.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.001 min
Response: 49851811
Conc: 18.72 ng/ml