Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
Data File : PD082928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2024 09:22
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: May 20 12:40:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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...	3.567	2.779	33584416	91291970	21.693	23.035	
28)	SA	Decachlor...	9.122	7.904	41104914	81455640	20.584	21.073	
		Target Compounds							
2)	A	alpha-BHC	4.024	3.277	27136417	68098316	9.907	10.917	
3)	MA	gamma-BHC...	4.358	3.605	26335025	61021022	9.963	10.325	
5)	MB	Aldrin	0.000	4.234	0	144439	N.D.	0.025	#
6)	B	beta-BHC	4.554	3.901	11740151	28652000	11.210	11.998	
7)	B	delta-BHC	4.795	4.128	473090	260940	0.190	0.045	#
8)	B	Heptachlo...	5.714	0.000	1110808	0	0.476	N.D.	#
9)	A	Endosulfan I	6.081f	5.121f	62495	115954	0.029	0.025	
10)	B	gamma-Chl...	5.947f	4.979	726515	895011	0.321	0.179	#
11)	B	alpha-Chl...	6.042	0.000	88424	0	0.039	N.D.	#
12)	B	4,4'-DDE	6.228	5.226	311775	925628	0.143	0.198	#
13)	MA	Dieldrin	6.405f	0.000	306664	0	0.137	N.D.	#
14)	MA	Endrin	6.615	5.632	84268547	209.8E6	44.787	47.980	
15)	B	Endosulfa...	6.848	5.940	1556819	754375	0.780	0.181	#
16)	A	4,4'-DDD	6.747	5.779	2544696	6310254	1.591	1.677	
17)	MA	4,4'-DDT	7.064	6.029	167.7E6	417.2E6	99.345	108.795	
18)	B	Endrin al...	6.964	6.104	3165781	8670469	2.261	2.777	
19)	B	Endosulfa...	0.000	6.314	0	887918	N.D.	0.223	#
20)	A	Methoxychlor	7.540	6.603	213.0E6	463.3E6	232.397	228.008	
21)	B	Endrin ke...	7.687	6.831	6200091	16375600	3.226	3.602	
22)		Mirex	0.000	7.029	0	121258	N.D.	0.034	#
23)		Chlordane-1	0.000	3.805f	0	491678	N.D.	2.684	#
25)		Chlordane-3	0.000	4.979	0	895011	N.D.	1.485	#
26)		Chlordane-4	6.042	0.000	88424	0	0.188	N.D.	#
27)		Chlordane-5	0.000	5.940	0	754375	N.D.	3.741	#

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

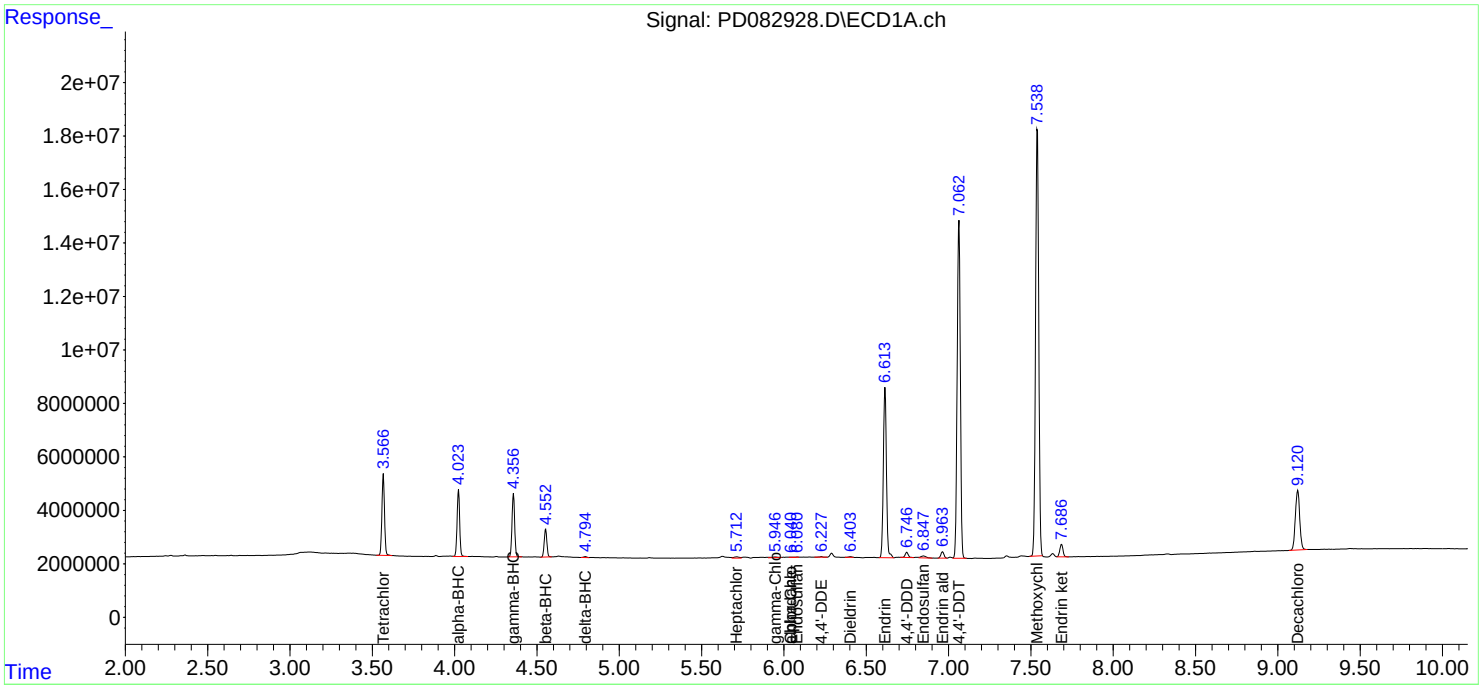
Quantitation Report (Not Reviewed)

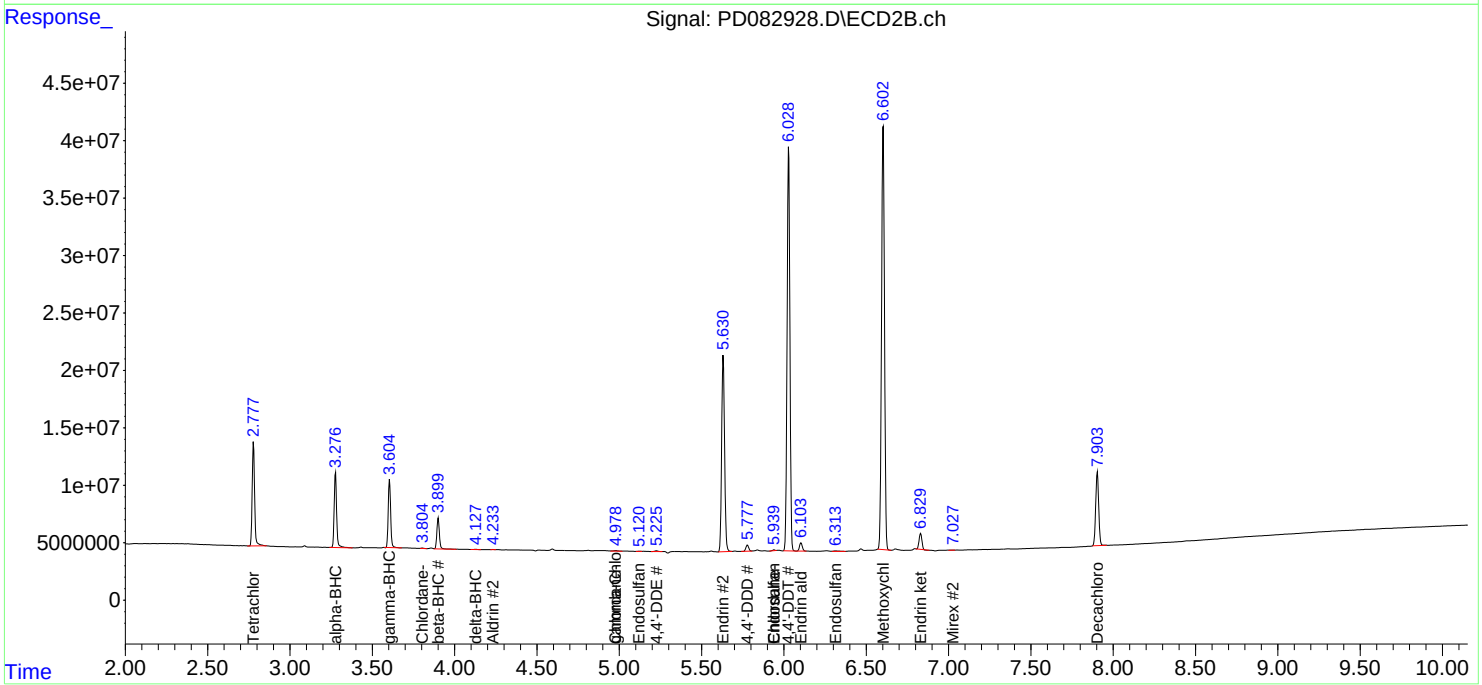
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052224\
Data File : PD082928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2024 09:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

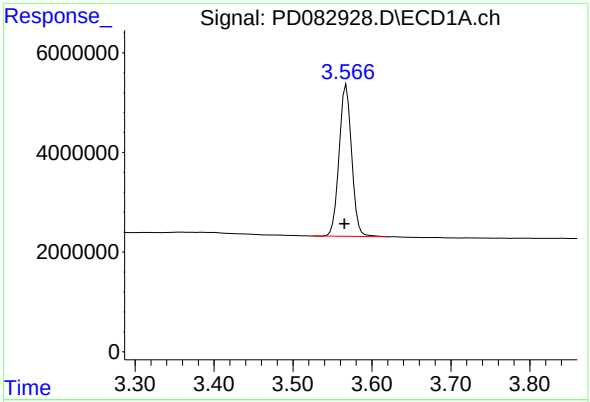
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 12:40:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 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



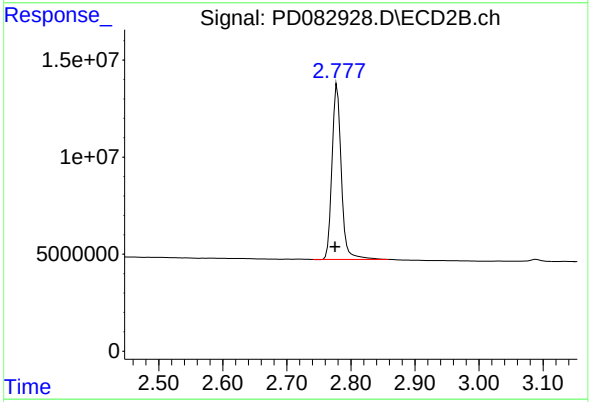




#1 Tetrachloro-m-xylene

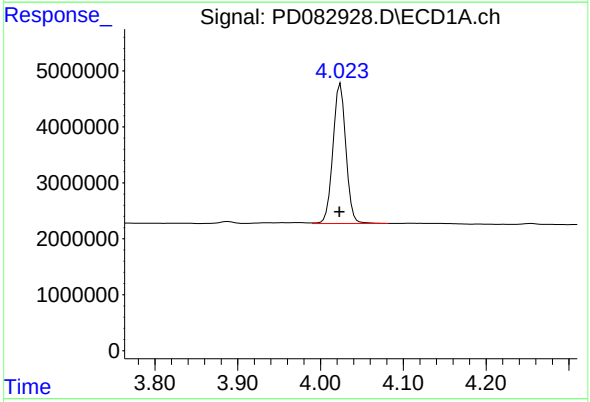
R.T.: 3.567 min
Delta R.T.: 0.002 min
Response: 33584416
Conc: 21.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



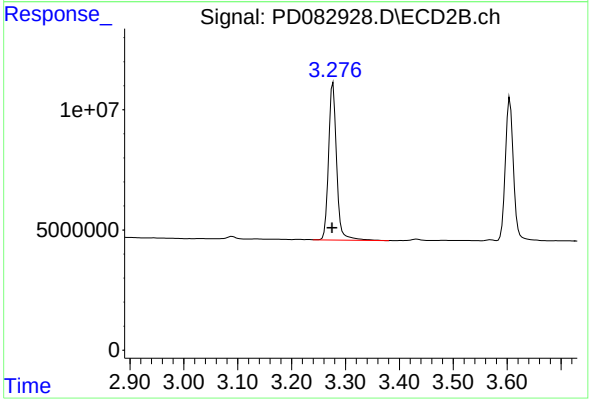
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.003 min
Response: 91291970
Conc: 23.03 ng/ml



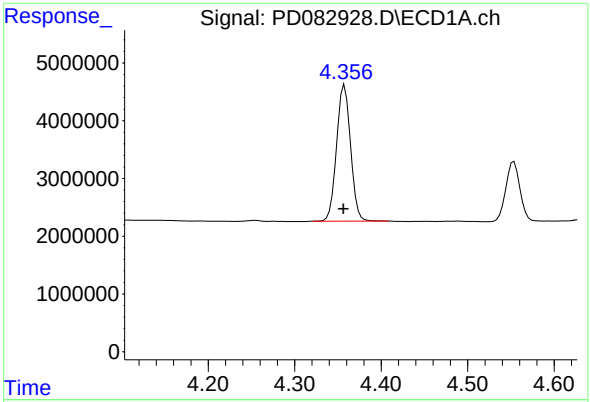
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.001 min
Response: 27136417
Conc: 9.91 ng/ml



#2 alpha-BHC

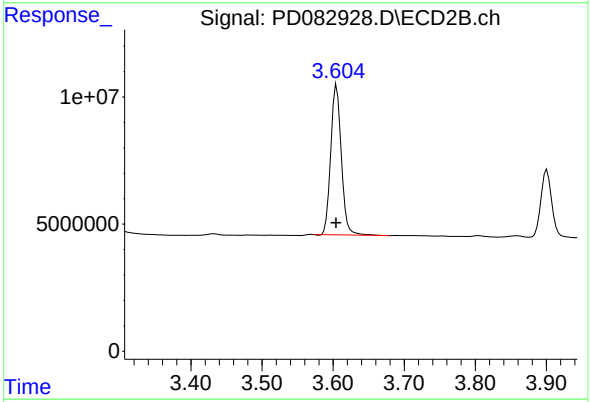
R.T.: 3.277 min
Delta R.T.: 0.002 min
Response: 68098316
Conc: 10.92 ng/ml



#3 gamma-BHC (Lindane)

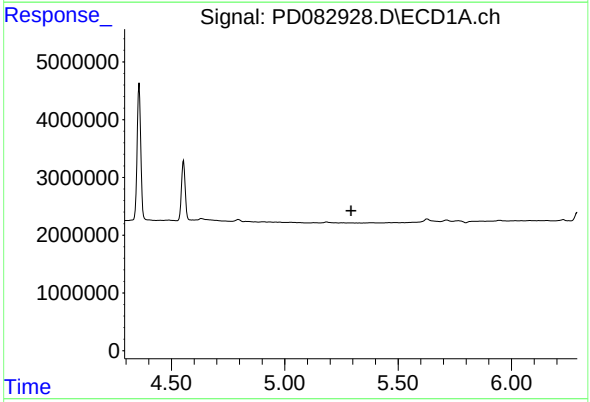
R.T.: 4.358 min
Delta R.T.: 0.001 min
Response: 26335025
Conc: 9.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



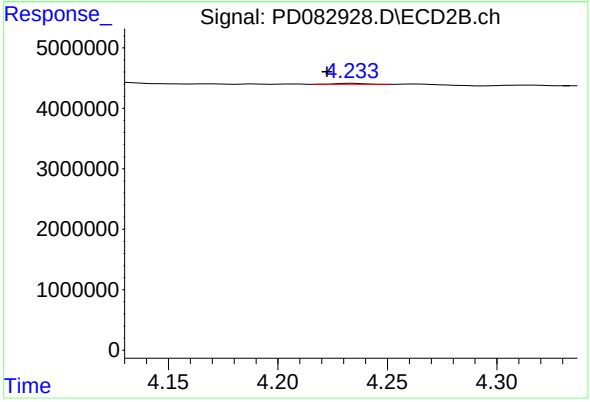
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.001 min
Response: 61021022
Conc: 10.32 ng/ml



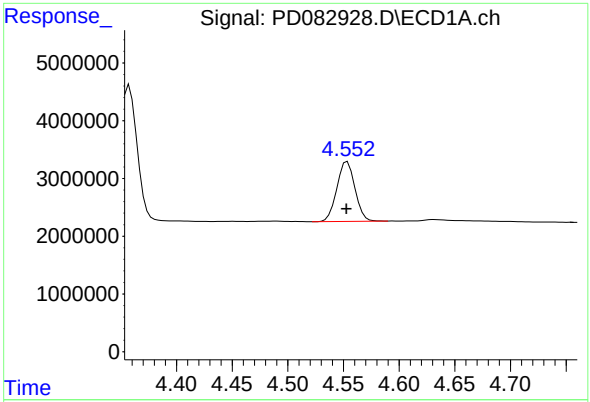
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.293 min
Response: 0
Conc: N.D.



#5 Aldrin

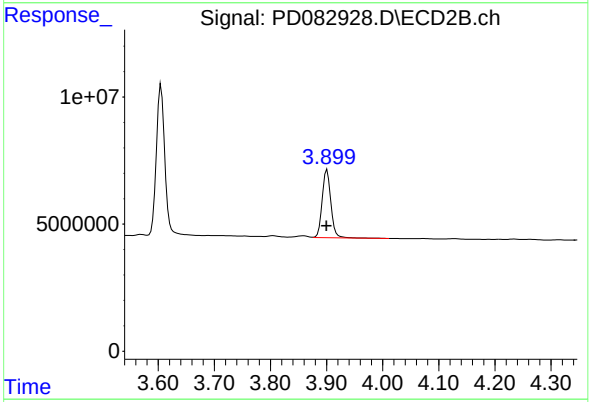
R.T.: 4.234 min
Delta R.T.: 0.012 min
Response: 144439
Conc: 0.03 ng/ml



#6 beta-BHC

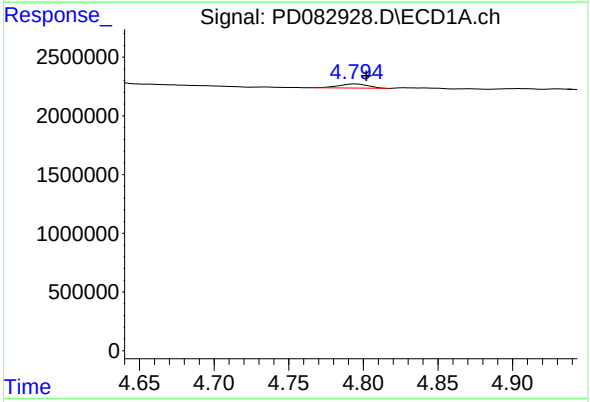
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 11740151
Conc: 11.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



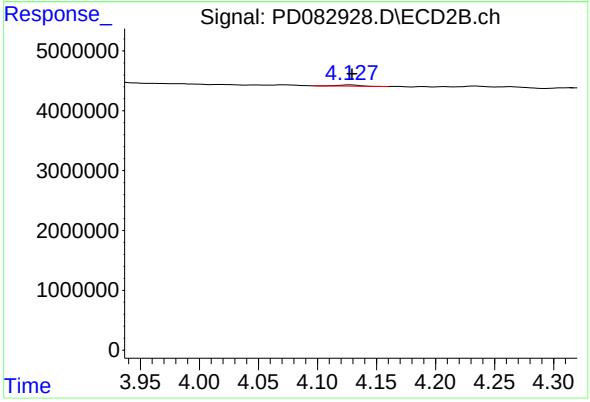
#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.001 min
Response: 28652000
Conc: 12.00 ng/ml



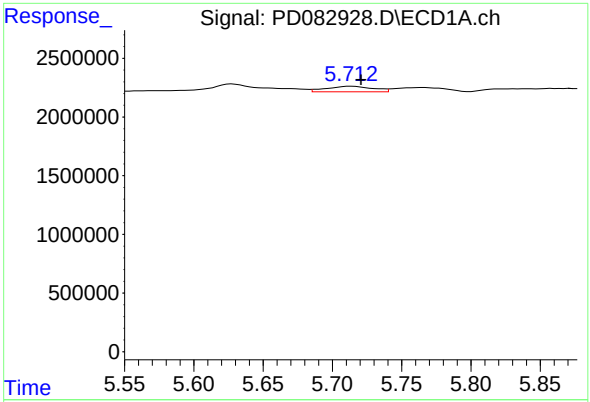
#7 delta-BHC

R.T.: 4.795 min
Delta R.T.: -0.007 min
Response: 473090
Conc: 0.19 ng/ml



#7 delta-BHC

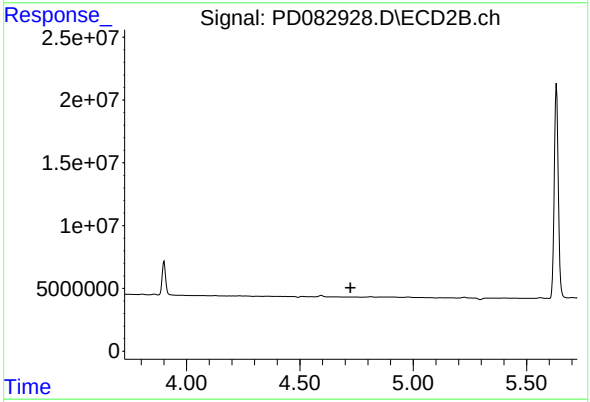
R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 260940
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

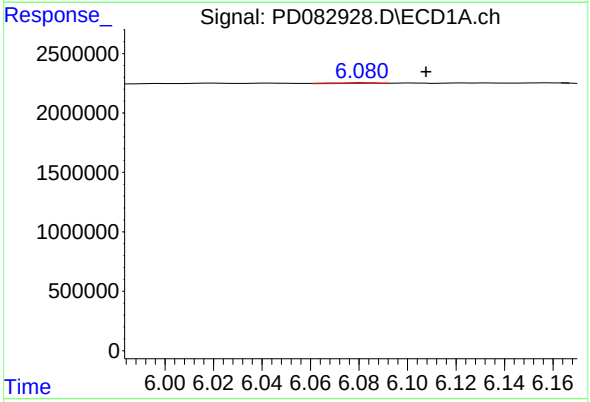
R.T.: 5.714 min
Delta R.T.: -0.007 min
Response: 1110808
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



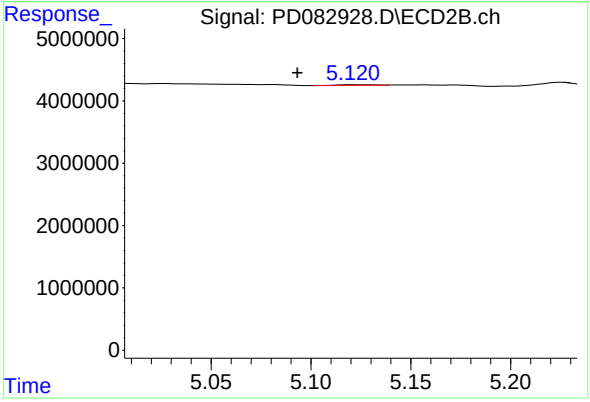
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.724 min
Response: 0
Conc: N.D.



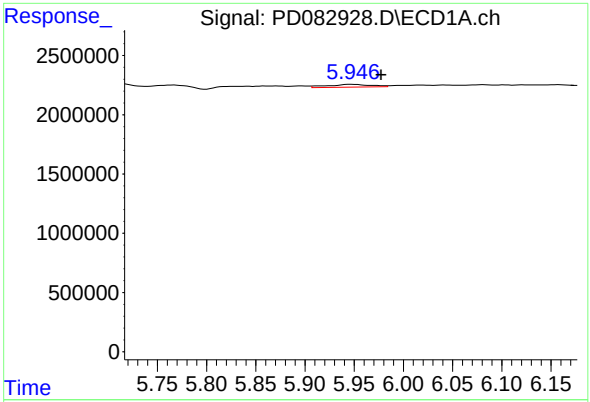
#9 Endosulfan I

R.T.: 6.081 min
Delta R.T.: -0.026 min
Response: 62495
Conc: 0.03 ng/ml



#9 Endosulfan I

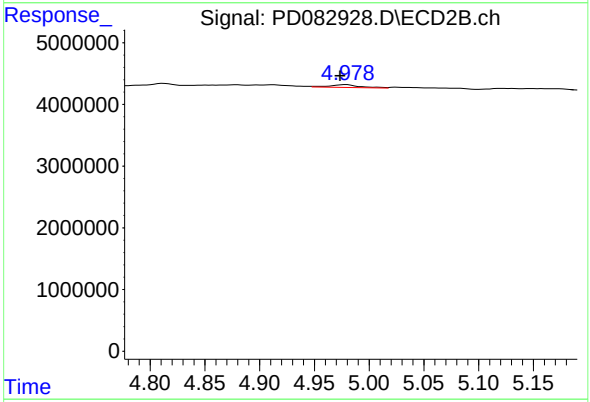
R.T.: 5.121 min
Delta R.T.: 0.028 min
Response: 115954
Conc: 0.03 ng/ml



#10 gamma-Chlordane

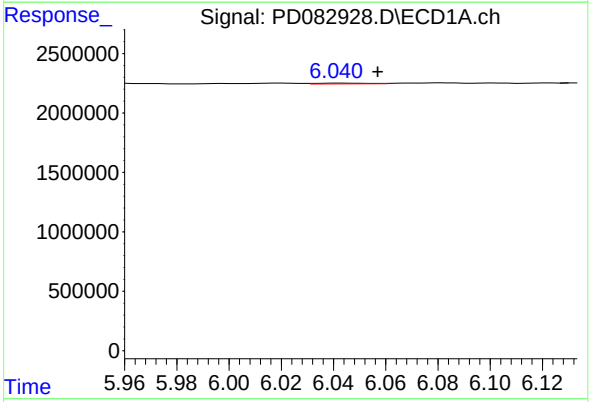
R.T.: 5.947 min
Delta R.T.: -0.030 min
Response: 726515
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



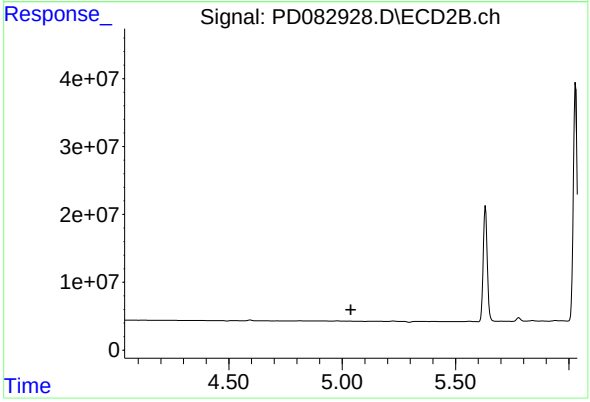
#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 895011
Conc: 0.18 ng/ml



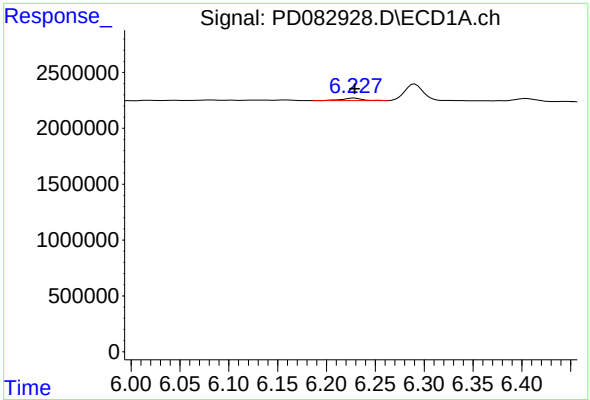
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: -0.015 min
Response: 88424
Conc: 0.04 ng/ml



#11 alpha-Chlordane

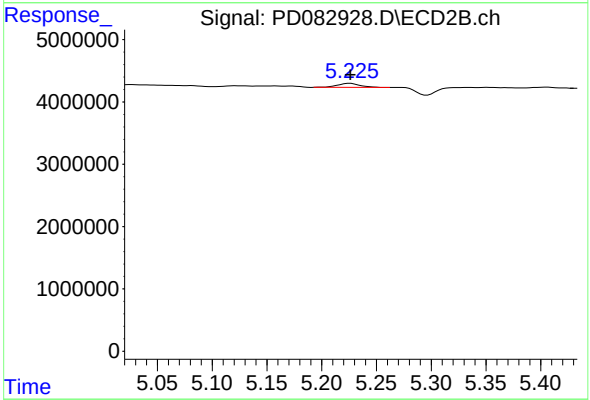
R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

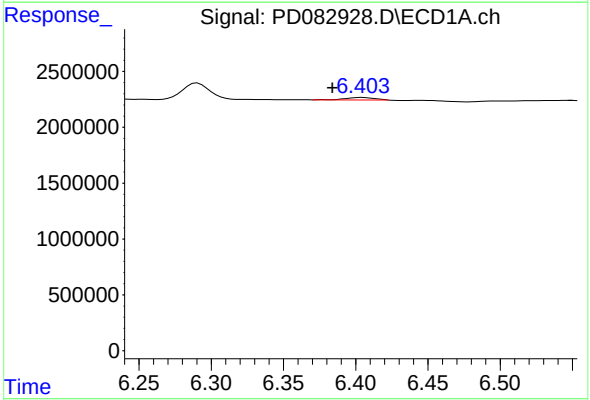
R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 311775
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



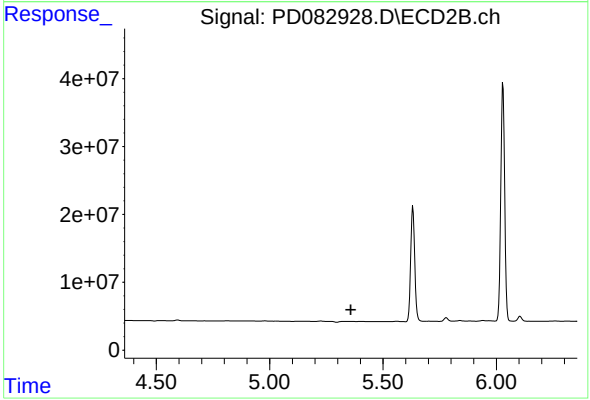
#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 925628
Conc: 0.20 ng/ml



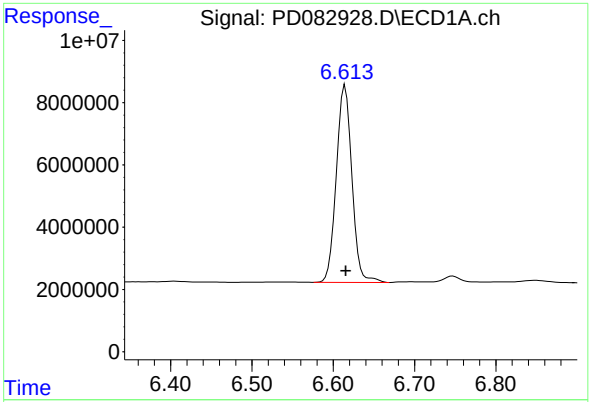
#13 Dieldrin

R.T.: 6.405 min
Delta R.T.: 0.021 min
Response: 306664
Conc: 0.14 ng/ml



#13 Dieldrin

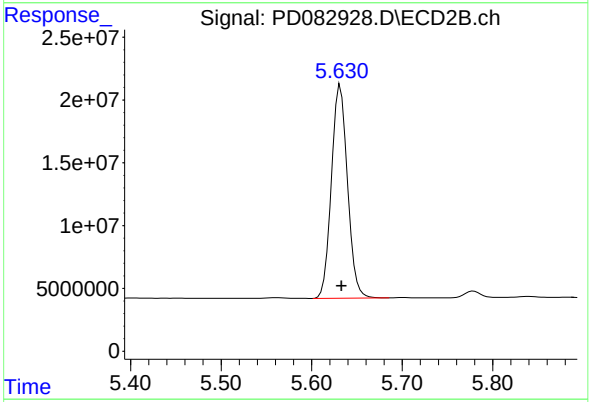
R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



#14 Endrin

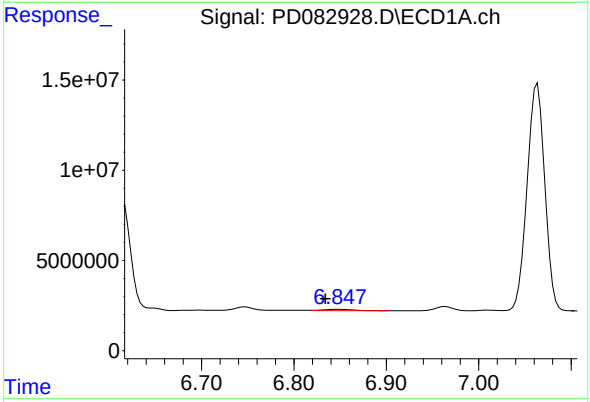
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 84268547
Conc: 44.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



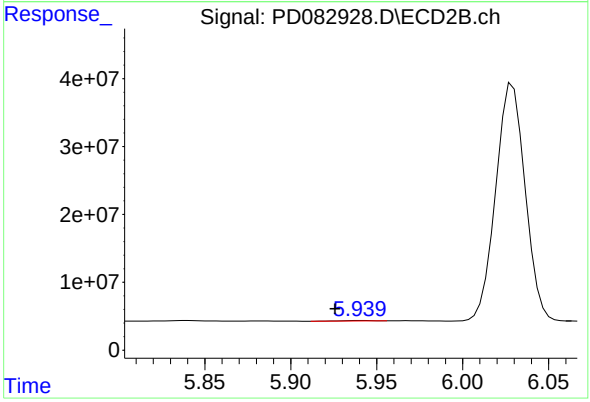
#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 209806485
Conc: 47.98 ng/ml



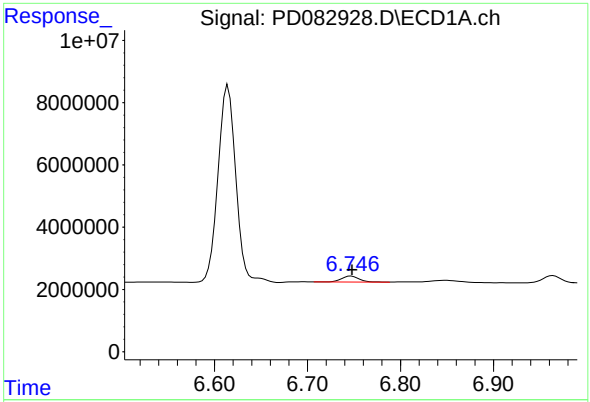
#15 Endosulfan II

R.T.: 6.848 min
Delta R.T.: 0.014 min
Response: 1556819
Conc: 0.78 ng/ml



#15 Endosulfan II

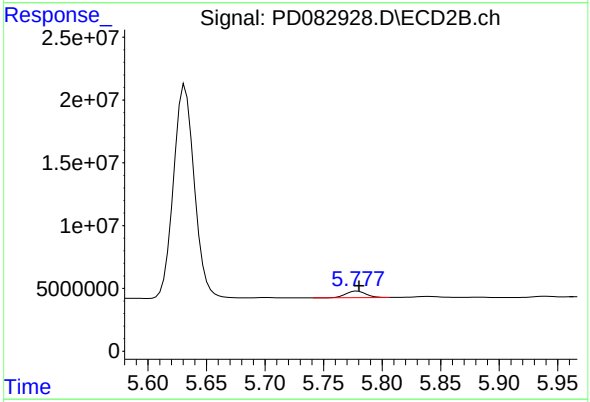
R.T.: 5.940 min
Delta R.T.: 0.014 min
Response: 754375
Conc: 0.18 ng/ml



#16 4,4'-DDD

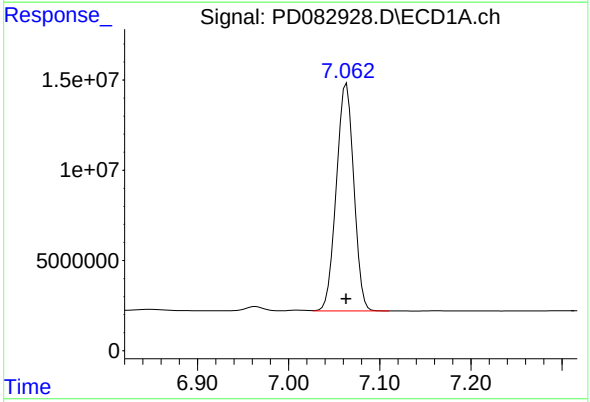
R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 2544696
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



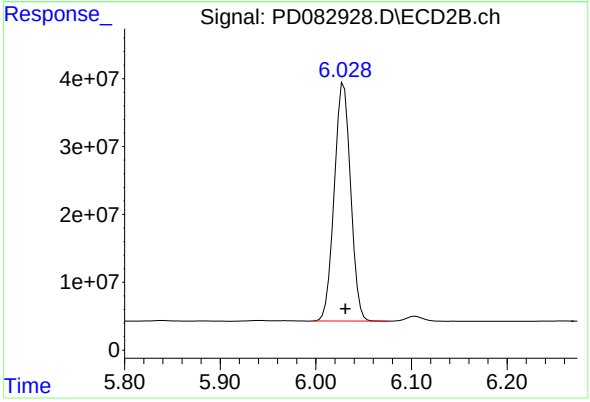
#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 6310254
Conc: 1.68 ng/ml



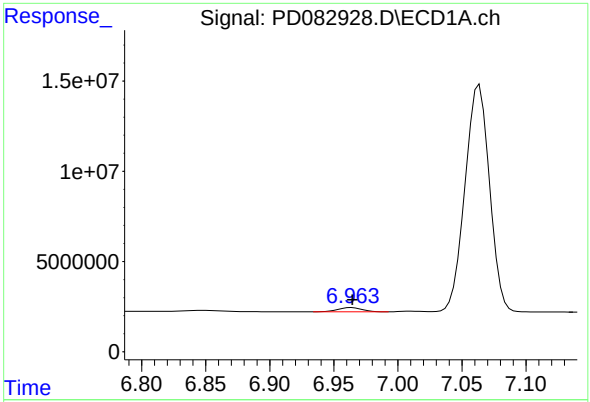
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 167703089
Conc: 99.35 ng/ml



#17 4,4'-DDT

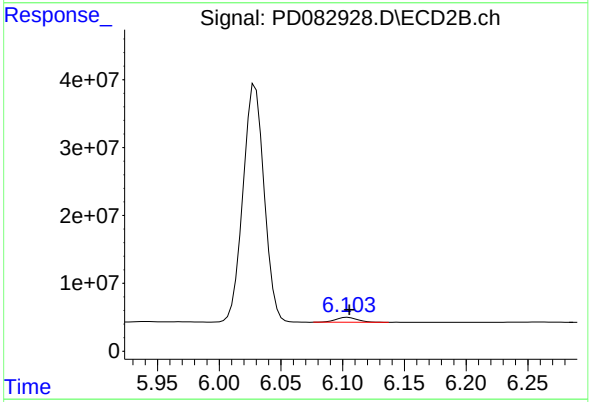
R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 417193242
Conc: 108.79 ng/ml



#18 Endrin aldehyde

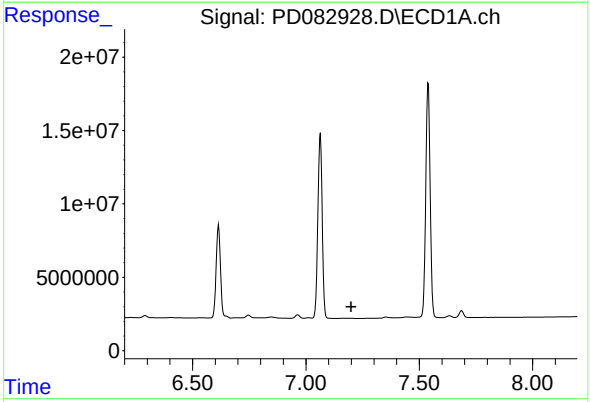
R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 3165781
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



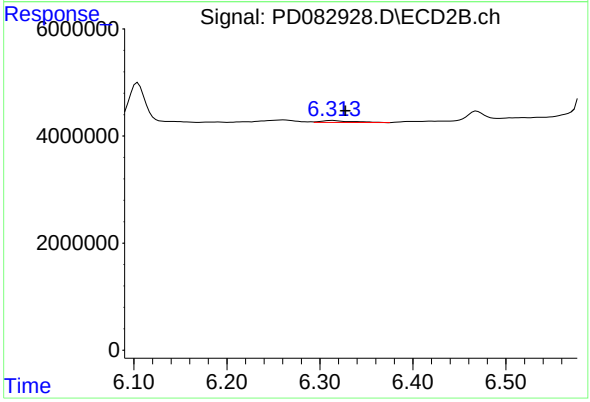
#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 8670469
Conc: 2.78 ng/ml



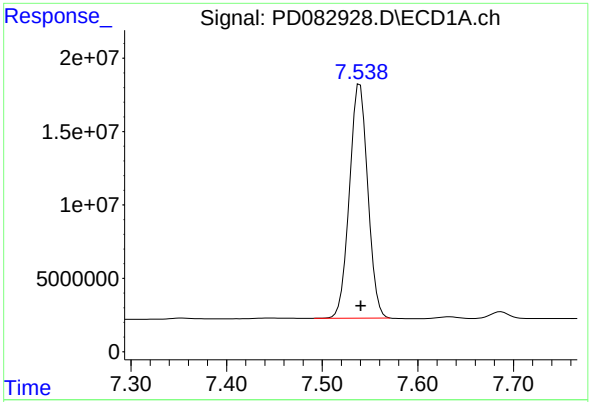
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.200 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

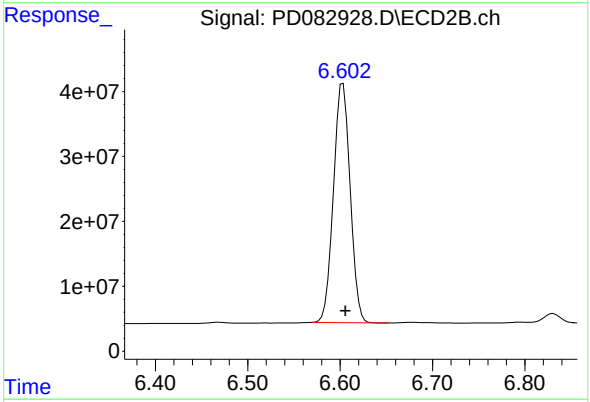
R.T.: 6.314 min
Delta R.T.: -0.014 min
Response: 887918
Conc: 0.22 ng/ml



#20 Methoxychlor

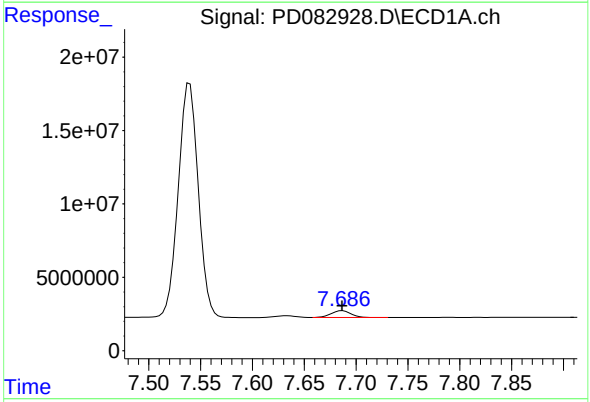
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 213027556
Conc: 232.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



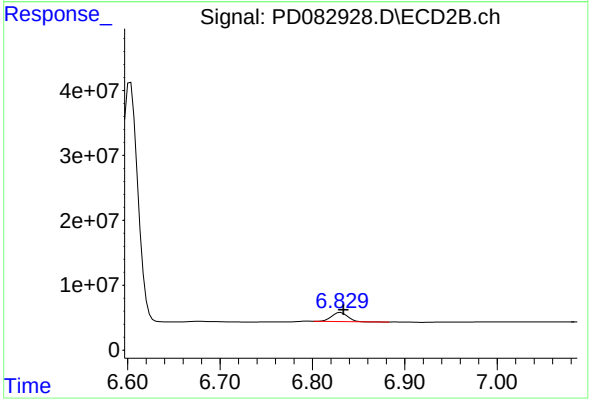
#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 463300123
Conc: 228.01 ng/ml



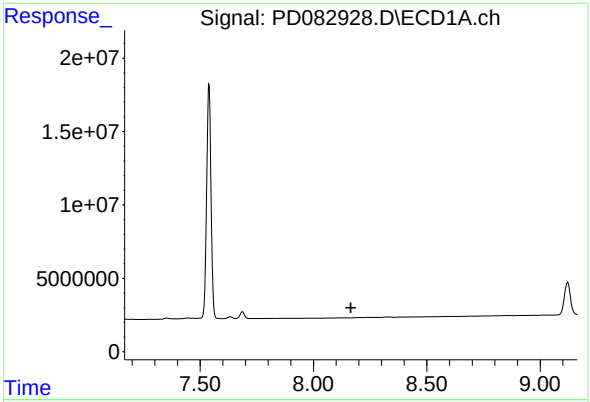
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 6200091
Conc: 3.23 ng/ml



#21 Endrin ketone

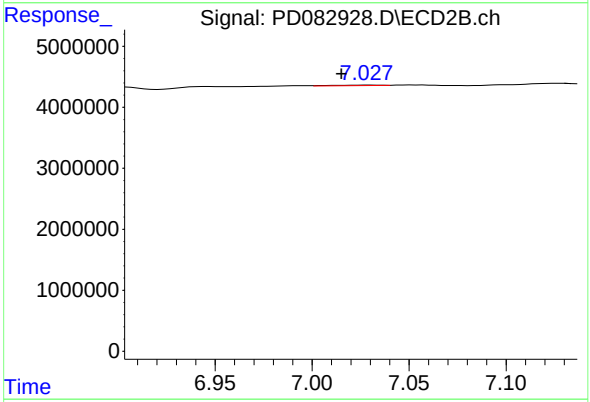
R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 16375600
Conc: 3.60 ng/ml



#22 Mirex

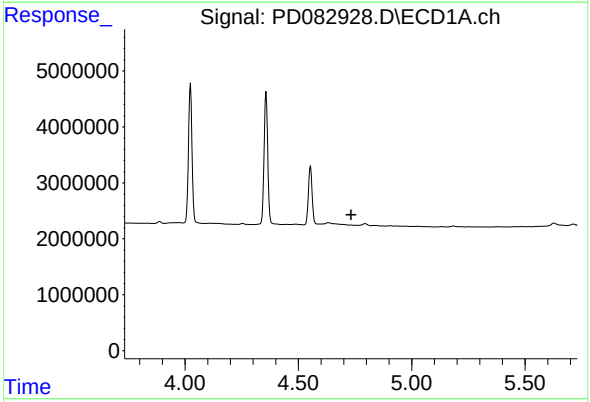
R.T.: 0.000 min
Exp R.T. : 8.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



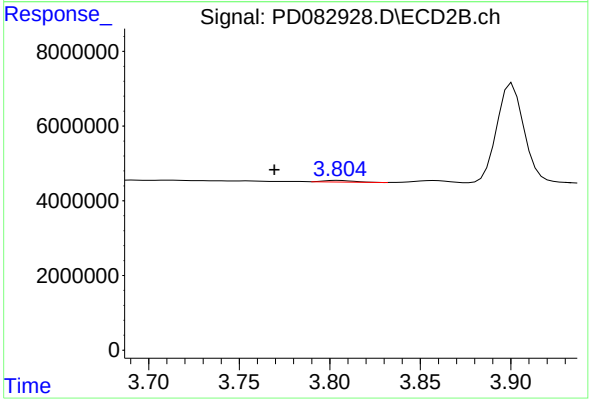
#22 Mirex

R.T.: 7.029 min
Delta R.T.: 0.014 min
Response: 121258
Conc: 0.03 ng/ml



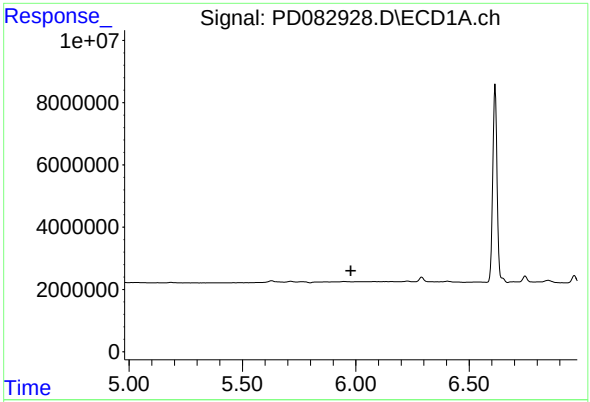
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.733 min
Response: 0
Conc: N.D.



#23 Chlordane-1

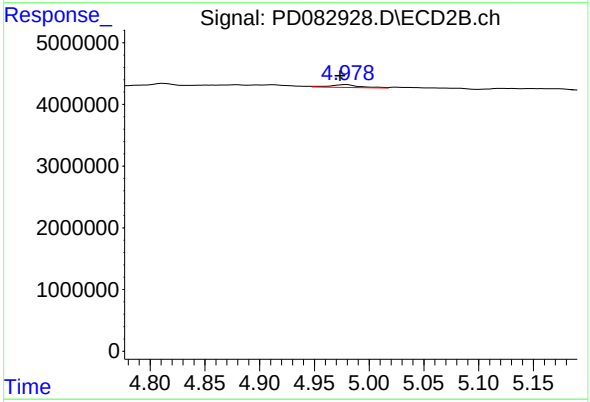
R.T.: 3.805 min
Delta R.T.: 0.036 min
Response: 491678
Conc: 2.68 ng/ml



#25 Chlordane-3

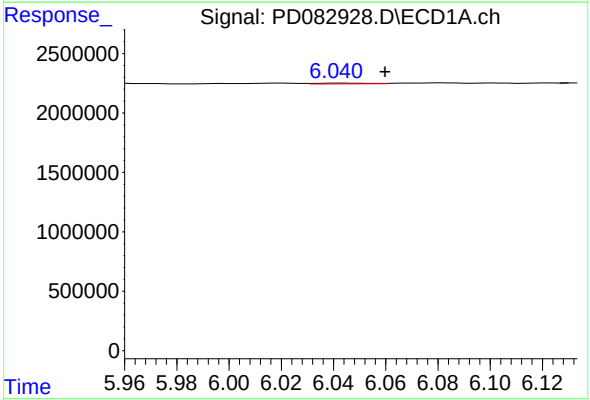
R.T.: 0.000 min
Exp R.T. : 5.978 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



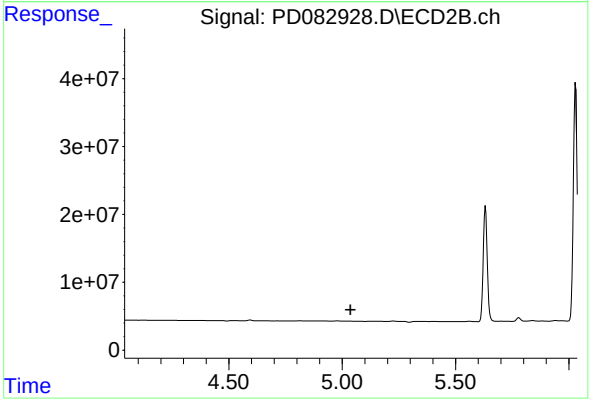
#25 Chlordane-3

R.T.: 4.979 min
Delta R.T.: 0.006 min
Response: 895011
Conc: 1.49 ng/ml



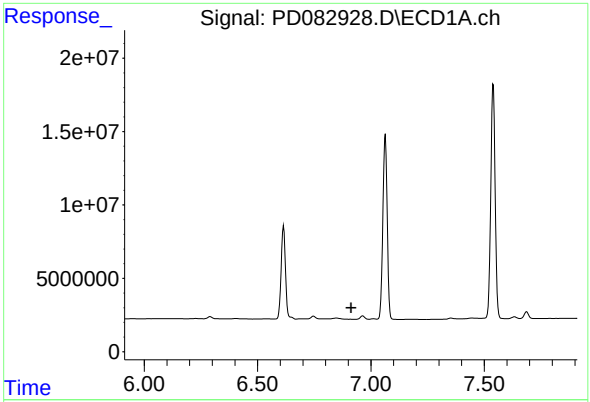
#26 Chlordane-4

R.T.: 6.042 min
Delta R.T.: -0.017 min
Response: 88424
Conc: 0.19 ng/ml



#26 Chlordane-4

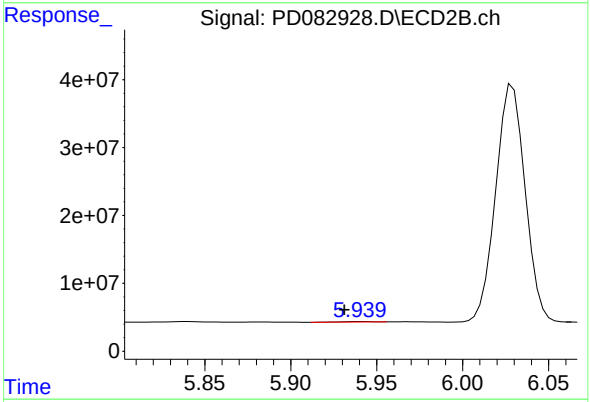
R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#27 Chlordane-5

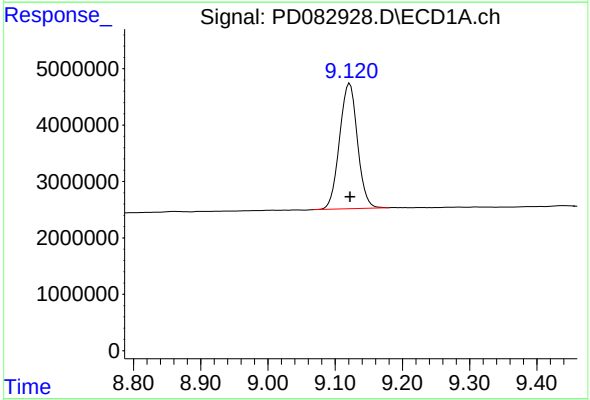
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



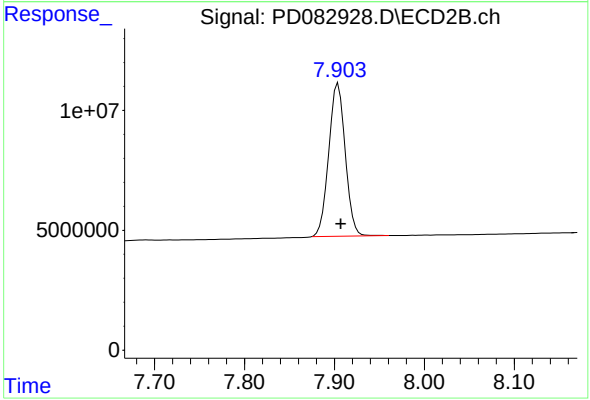
#27 Chlordane-5

R.T.: 5.940 min
Delta R.T.: 0.009 min
Response: 754375
Conc: 3.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 41104914
Conc: 20.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 81455640
Conc: 21.07 ng/ml