Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
Data File : PD086761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 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: Nov 16 00:08:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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...	3.558	2.885	33940010	228.1E6	23.235	23.069	
28)	SA	Decachlor...	9.092	8.091	48217487	252.8E6	25.151	23.596	
		Target Compounds							
2)	A	alpha-BHC	4.007	3.399	31527281	184.2E6	11.002	12.136	
3)	MA	gamma-BHC...	4.339	3.736	31297270	170.2E6	10.923	11.643	
4)	MA	Heptachlor	0.000	4.101	0	24689	N.D.	0.002	#
5)	MB	Aldrin	0.000	4.371	0	2202392	N.D.	0.151	#
6)	B	beta-BHC	4.522	4.031	14255593	78209506	12.470	12.266	
7)	B	delta-BHC	4.788	4.269	208445	534422	0.071	0.036	#
8)	B	Heptachlo...	0.000	4.881	0	1110387	N.D.	0.084	#
9)	A	Endosulfan I	6.057f	5.255	294089	1242664	0.128	0.100	
10)	B	gamma-Chl...	0.000	5.137	0	547516	N.D.	0.040	#
11)	B	alpha-Chl...	6.057	5.200	294089	397910	0.122	0.030	#
12)	B	4,4'-DDE	6.209	5.388	410949	2659706	0.184	0.203	
13)	MA	Dieldrin	6.380f	5.516	295819	-62979	0.119	N.D.	#
14)	MA	Endrin	6.586	5.801	110.8E6	573.5E6	51.426	46.738	
15)	B	Endosulfa...	6.820f	6.101	1363956	3897951	0.631	0.325	#
16)	A	4,4'-DDD	6.717	5.943	9011904	51661071	4.987	4.691	
17)	MA	4,4'-DDT	7.034	6.197	221.8E6	1050.0E6	121.177	90.535	#
18)	B	Endrin al...	6.927	6.272	4357439	27937033	2.635	2.980	
19)	B	Endosulfa...	0.000	6.502	0	1656587	N.D.	0.143	#
20)	A	Methoxychlor	7.507	6.770	290.3E6	1158.7E6	268.429	183.369	#
21)	B	Endrin ke...	7.642	7.004	9250892	66672808	4.078	5.243	#
22)		Mirex	8.132	7.193	34492	1268603	0.021	0.122	#
23)		Chlordane-1	0.000	3.944f	0	1549094	N.D.	3.331	#
24)		Chlordane-2	0.000	4.493	0	542976	N.D.	1.096	#
25)		Chlordane-3	0.000	5.137	0	547516	N.D.	0.368	#
26)		Chlordane-4	6.057	5.200	294089	397910	0.640	0.317	#
27)		Chlordane-5	0.000	5.875	0	1966097	N.D.	4.816	#

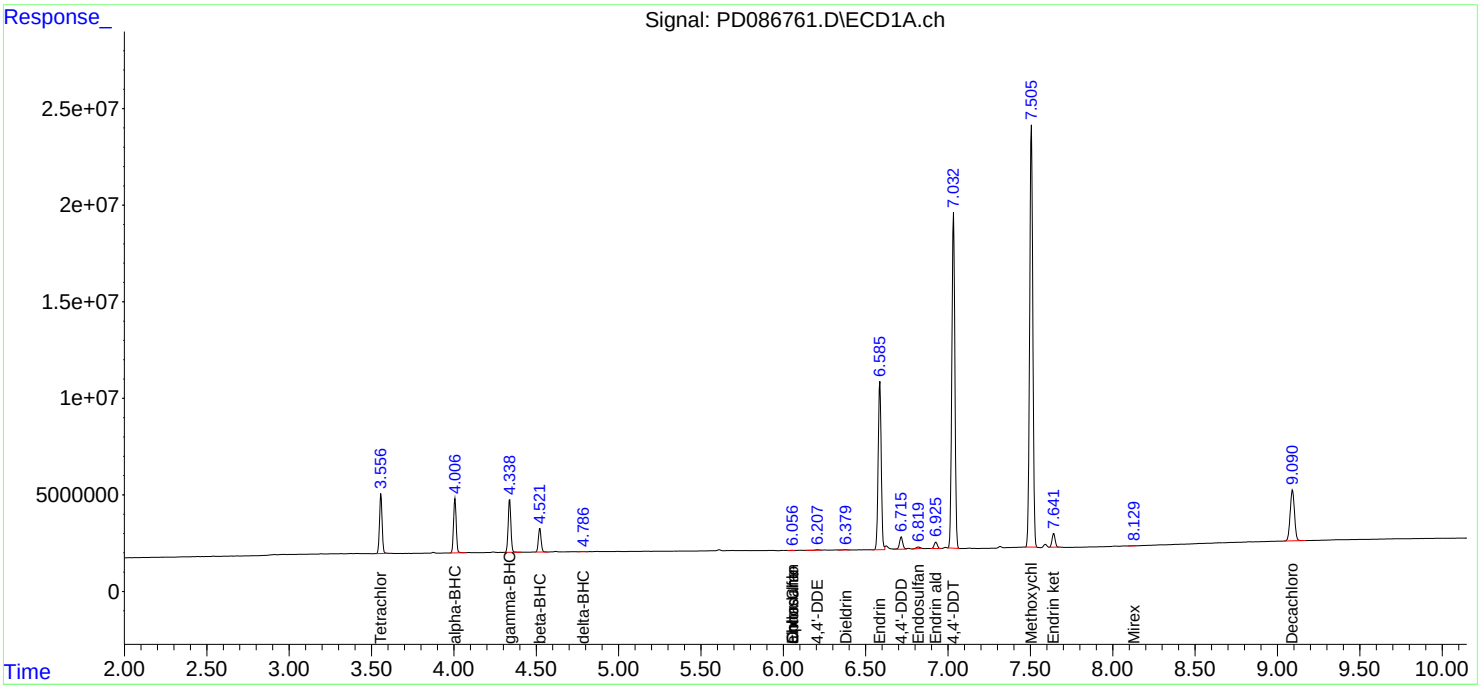
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

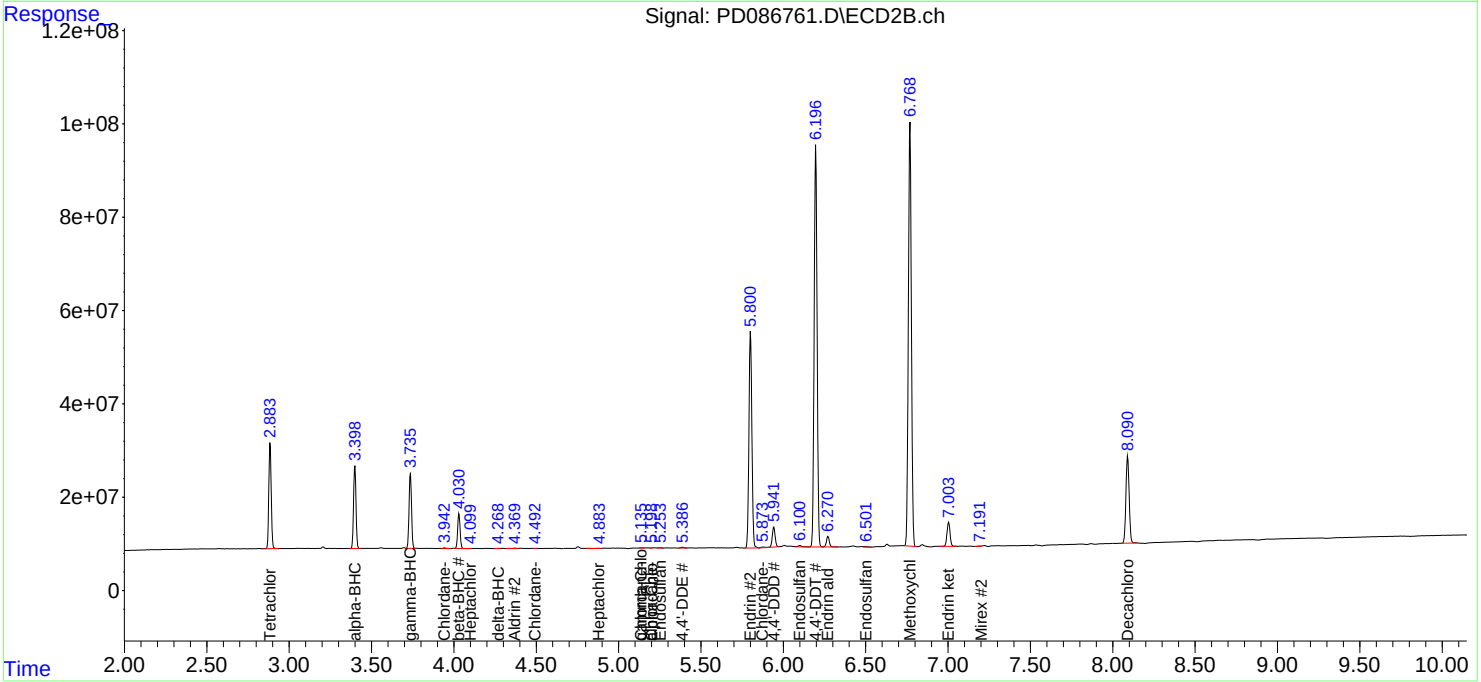
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
Data File : PD086761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2024 09:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

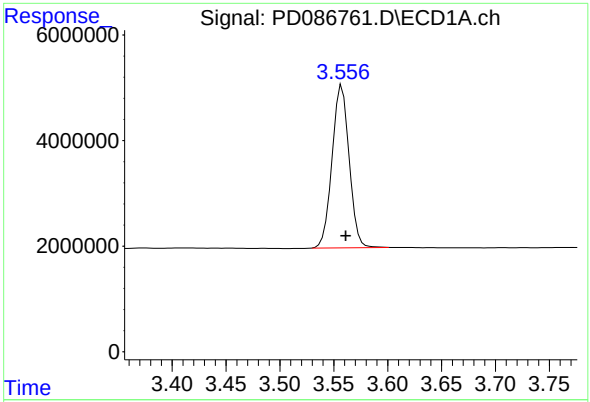
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 00:08:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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



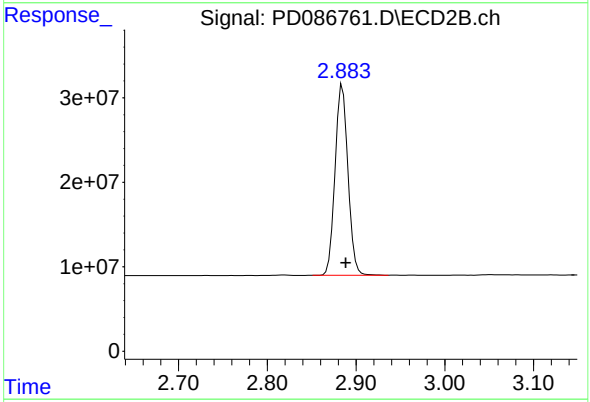




#1 Tetrachloro-m-xylene

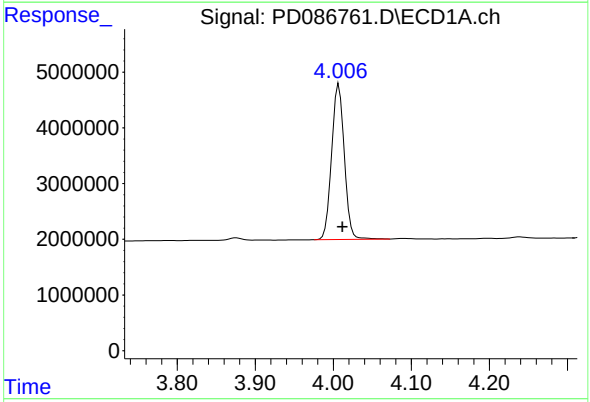
R.T.: 3.558 min
Delta R.T.: -0.003 min
Response: 33940010
Conc: 23.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



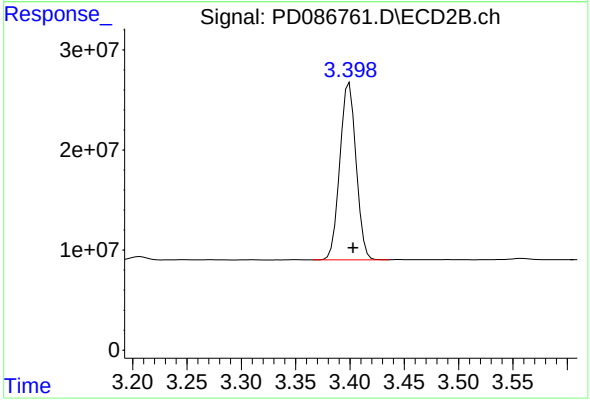
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.004 min
Response: 228137356
Conc: 23.07 ng/ml



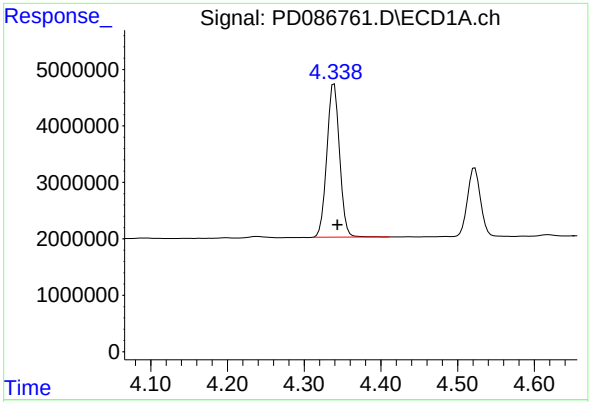
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 31527281
Conc: 11.00 ng/ml



#2 alpha-BHC

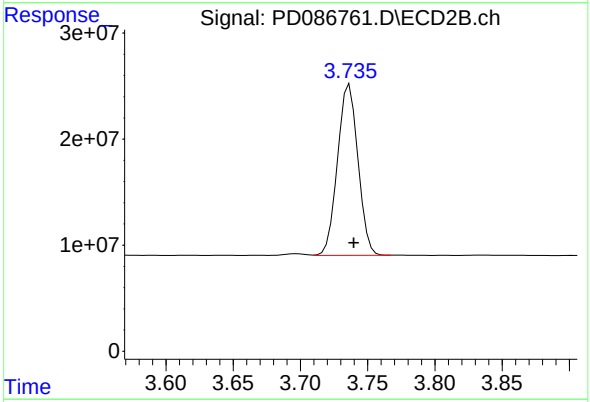
R.T.: 3.399 min
Delta R.T.: -0.004 min
Response: 184167900
Conc: 12.14 ng/ml



#3 gamma-BHC (Lindane)

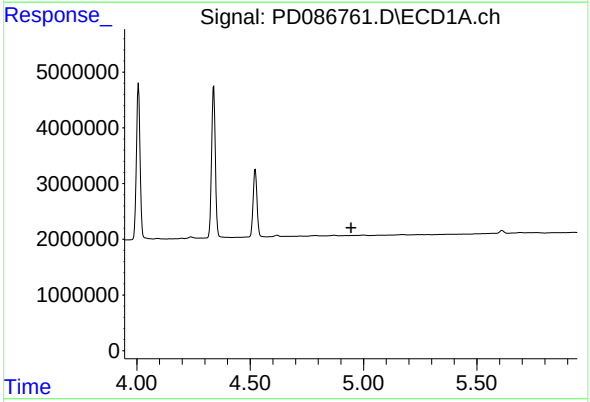
R.T.: 4.339 min
Delta R.T.: -0.004 min
Response: 31297270
Conc: 10.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



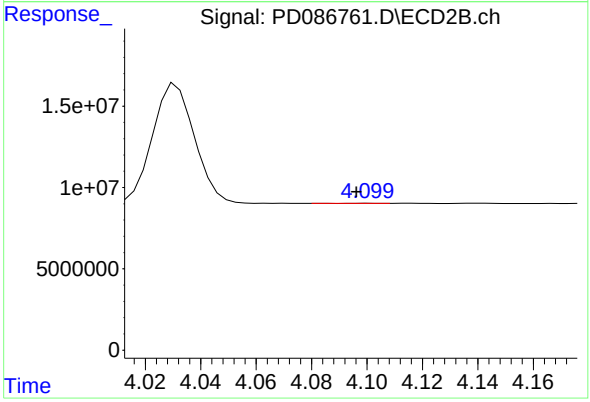
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: -0.003 min
Response: 170230464
Conc: 11.64 ng/ml



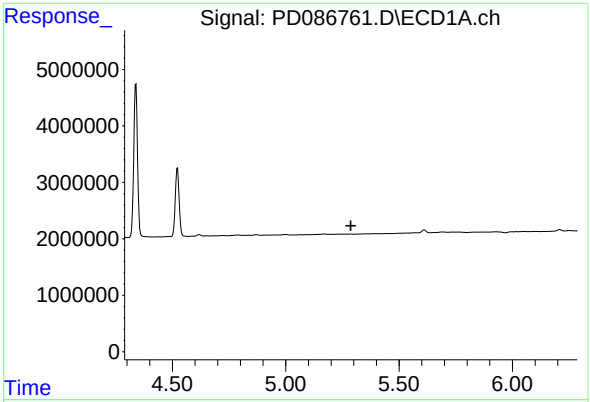
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.945 min
Response: 0
Conc: N.D.



#4 Heptachlor

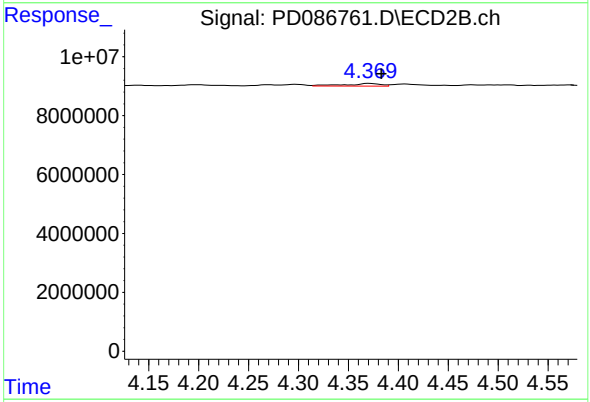
R.T.: 4.101 min
Delta R.T.: 0.004 min
Response: 24689
Conc: 0.00 ng/ml



#5 Aldrin

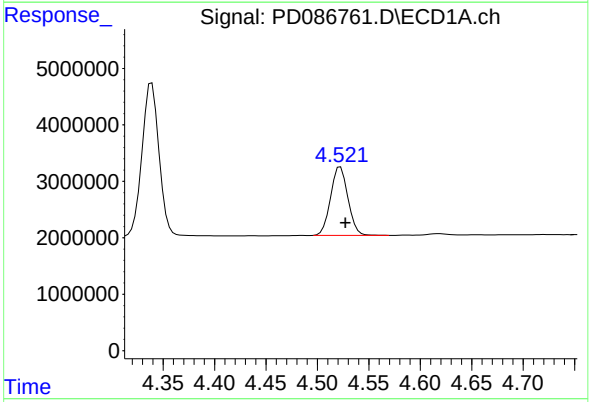
R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



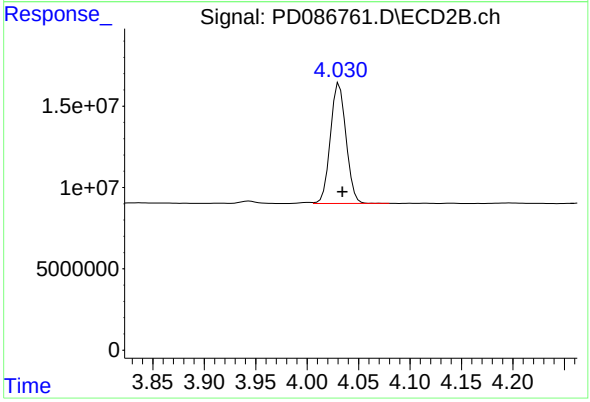
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.012 min
Response: 2202392
Conc: 0.15 ng/ml



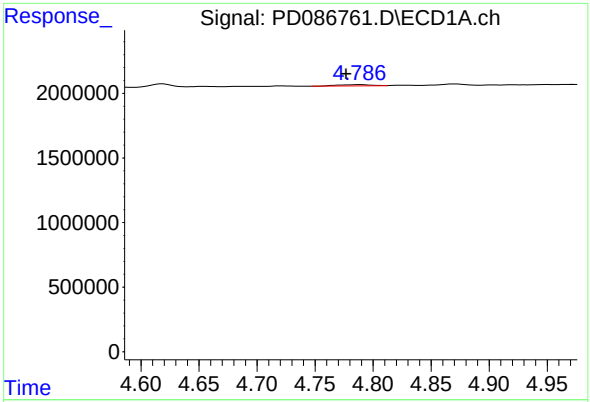
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.005 min
Response: 14255593
Conc: 12.47 ng/ml



#6 beta-BHC

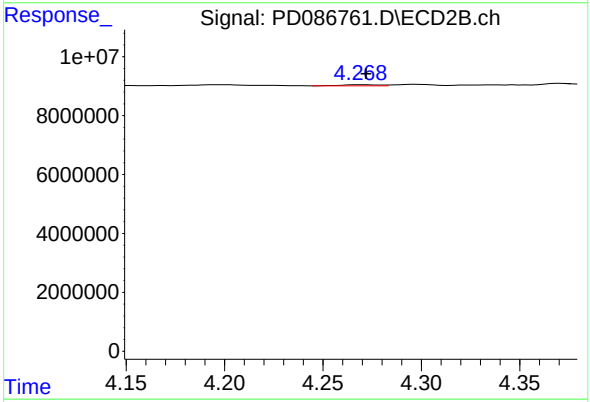
R.T.: 4.031 min
Delta R.T.: -0.003 min
Response: 78209506
Conc: 12.27 ng/ml



#7 delta-BHC

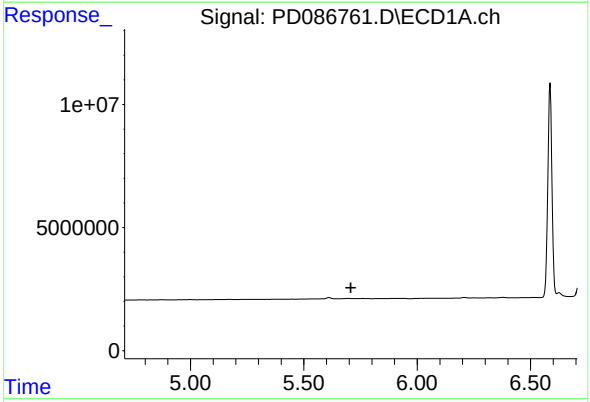
R.T.: 4.788 min
Delta R.T.: 0.011 min
Response: 208445
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



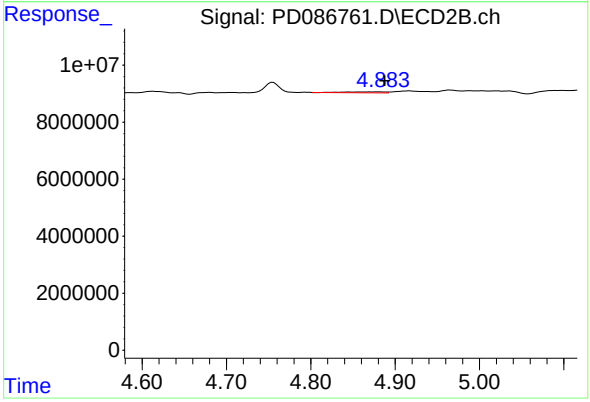
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: -0.002 min
Response: 534422
Conc: 0.04 ng/ml



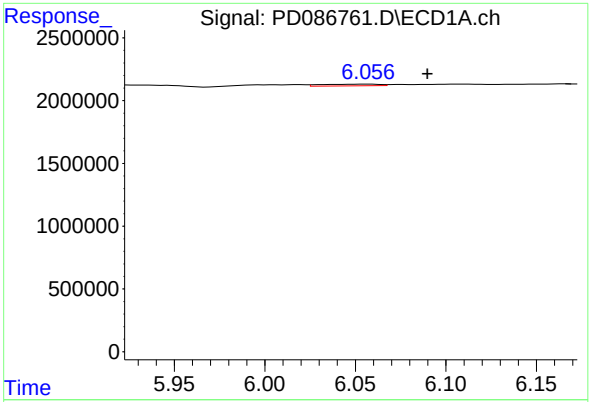
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.707 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

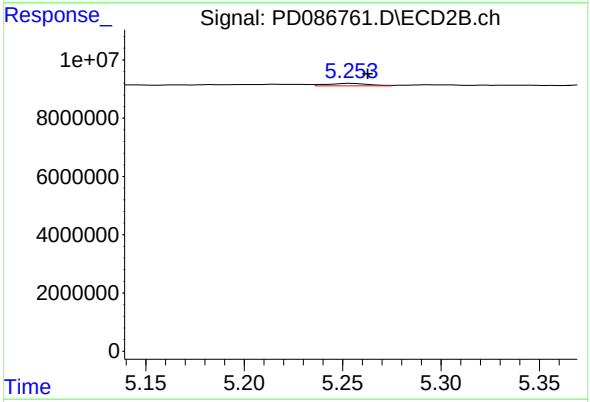
R.T.: 4.881 min
Delta R.T.: -0.006 min
Response: 1110387
Conc: 0.08 ng/ml



#9 Endosulfan I

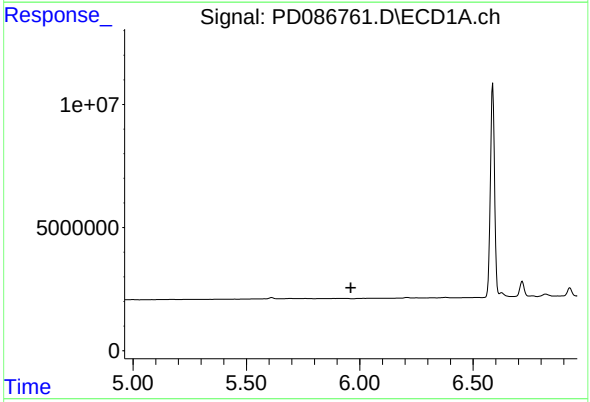
R.T.: 6.057 min
Delta R.T.: -0.033 min
Response: 294089
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



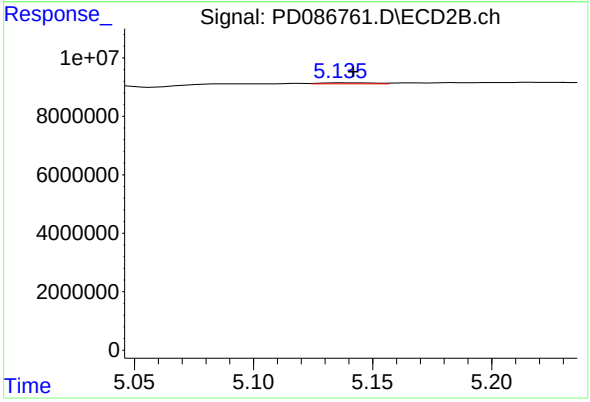
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.008 min
Response: 1242664
Conc: 0.10 ng/ml



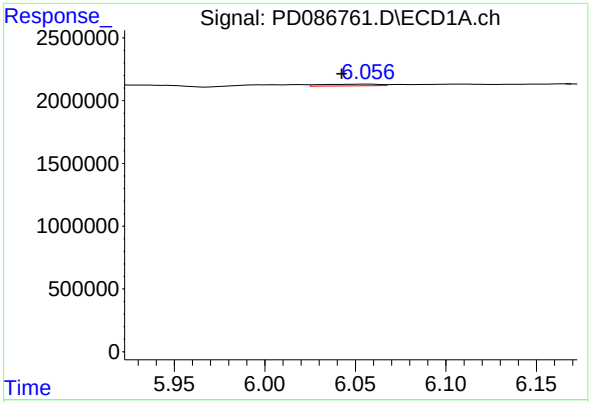
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

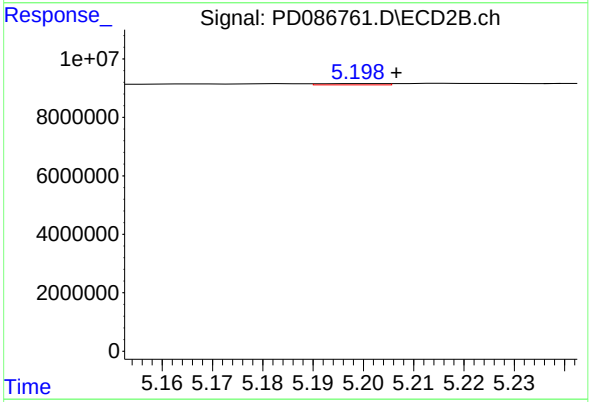
R.T.: 5.137 min
Delta R.T.: -0.005 min
Response: 547516
Conc: 0.04 ng/ml



#11 alpha-Chlordane

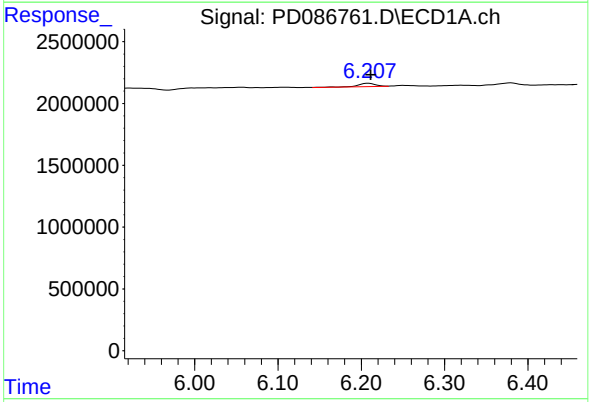
R.T.: 6.057 min
Delta R.T.: 0.014 min
Response: 294089
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



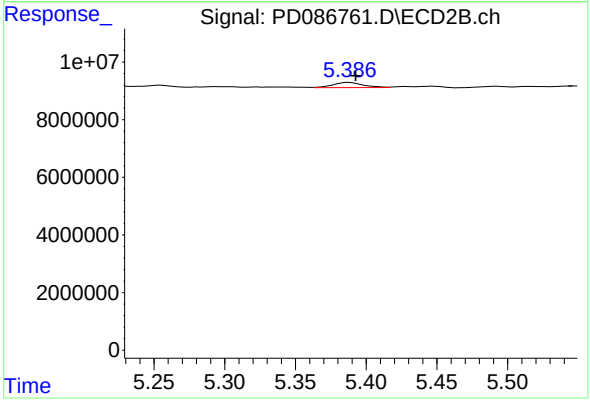
#11 alpha-Chlordane

R.T.: 5.200 min
Delta R.T.: -0.007 min
Response: 397910
Conc: 0.03 ng/ml



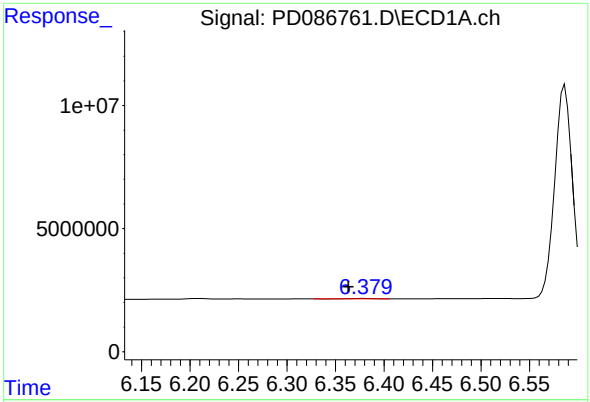
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: -0.003 min
Response: 410949
Conc: 0.18 ng/ml



#12 4,4'-DDE

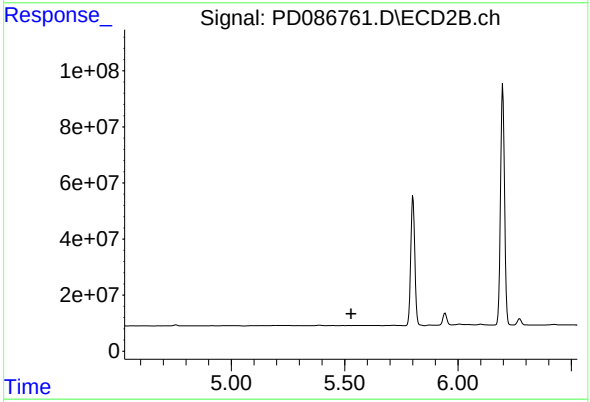
R.T.: 5.388 min
Delta R.T.: -0.005 min
Response: 2659706
Conc: 0.20 ng/ml



#13 Dieldrin

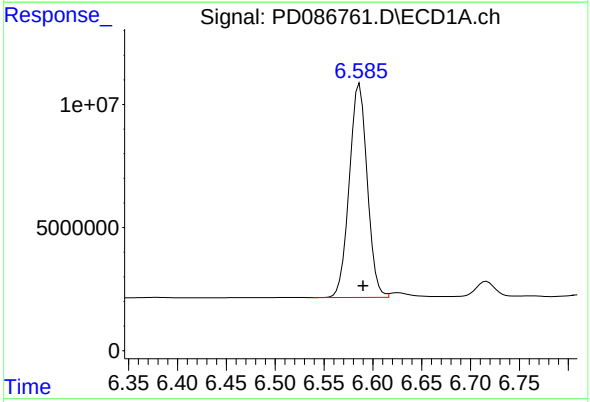
R.T.: 6.380 min
Delta R.T.: 0.017 min
Response: 295819
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



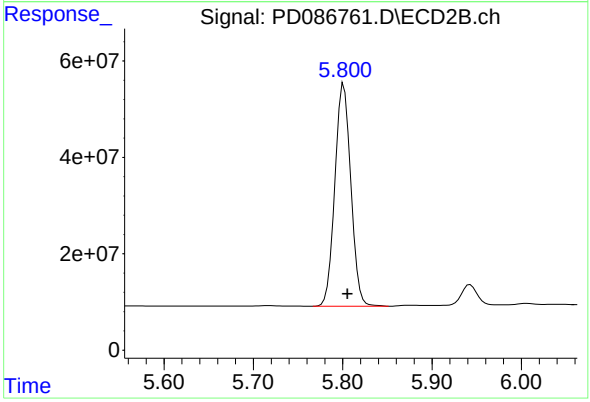
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.013 min
Response: -62979
Conc: N.D.



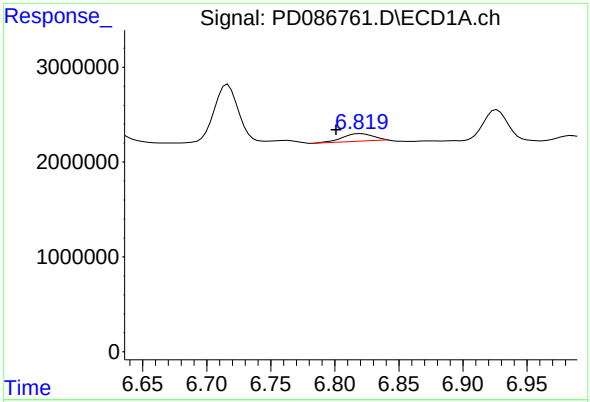
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.004 min
Response: 110848451
Conc: 51.43 ng/ml



#14 Endrin

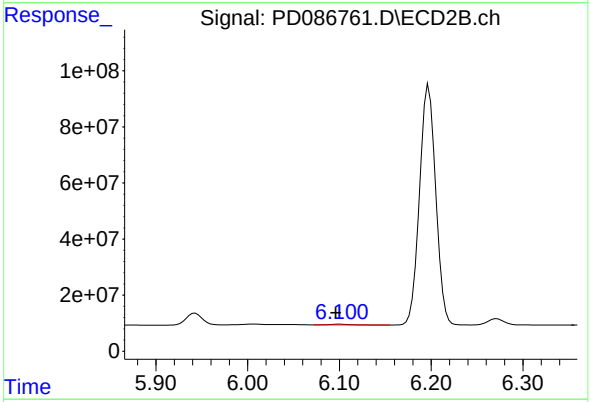
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 573461712
Conc: 46.74 ng/ml



#15 Endosulfan II

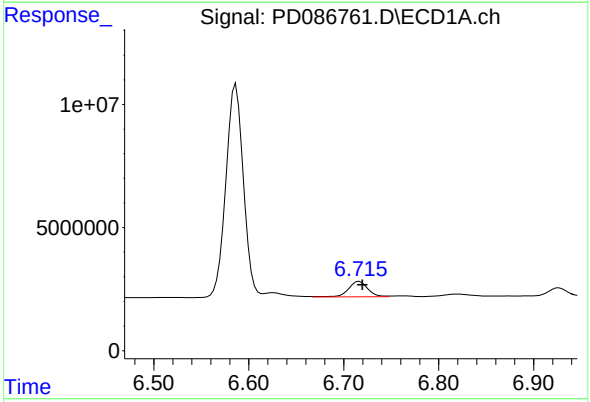
R.T.: 6.820 min
Delta R.T.: 0.019 min
Response: 1363956
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



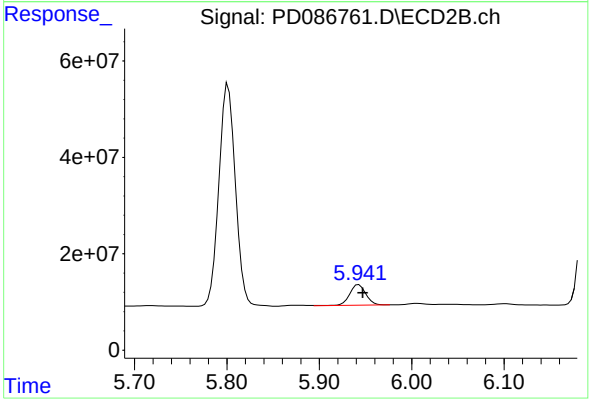
#15 Endosulfan II

R.T.: 6.101 min
Delta R.T.: 0.005 min
Response: 3897951
Conc: 0.32 ng/ml



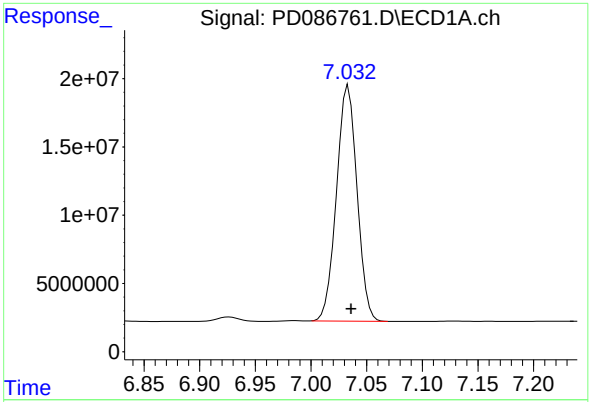
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.003 min
Response: 9011904
Conc: 4.99 ng/ml



#16 4,4'-DDD

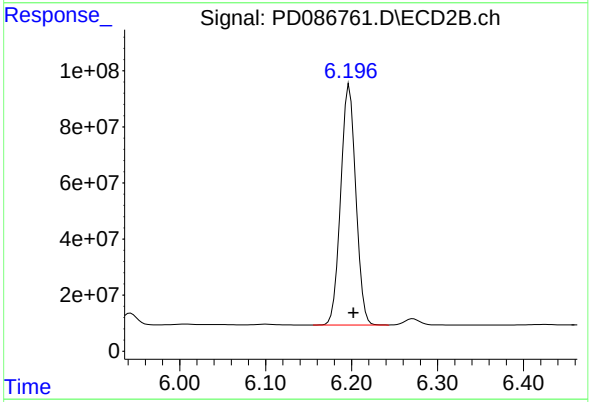
R.T.: 5.943 min
Delta R.T.: -0.004 min
Response: 51661071
Conc: 4.69 ng/ml



#17 4,4'-DDT

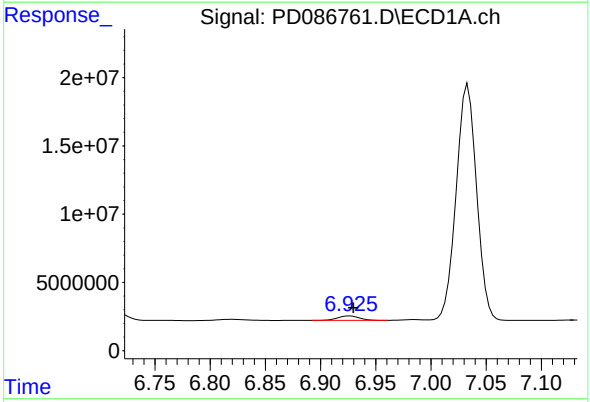
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 221846051
Conc: 121.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



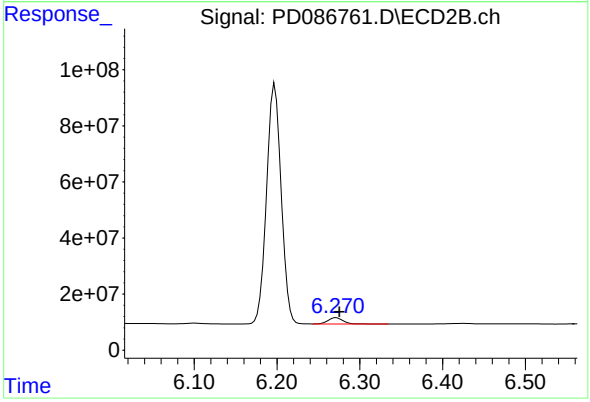
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 1049978748
Conc: 90.54 ng/ml



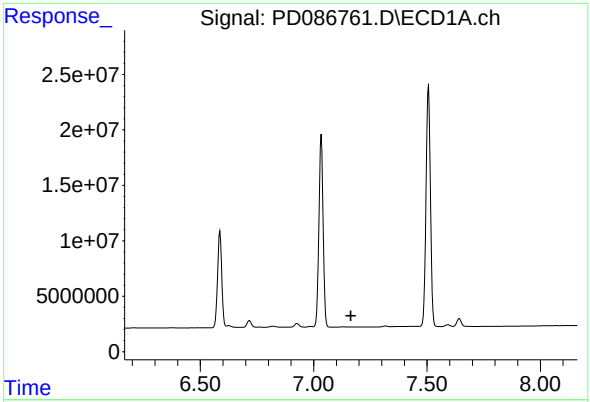
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 4357439
Conc: 2.64 ng/ml



#18 Endrin aldehyde

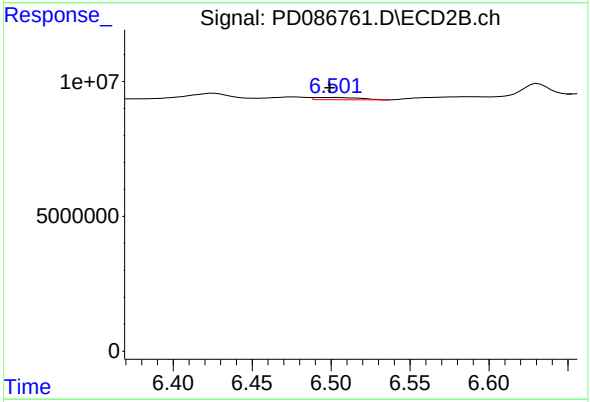
R.T.: 6.272 min
Delta R.T.: -0.004 min
Response: 27937033
Conc: 2.98 ng/ml



#19 Endosulfan Sulfate

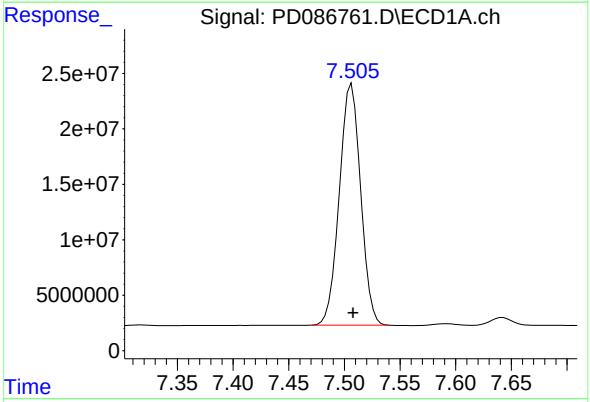
R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



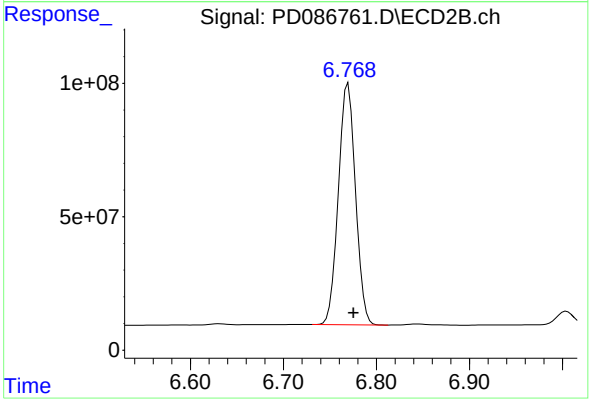
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 1656587
Conc: 0.14 ng/ml



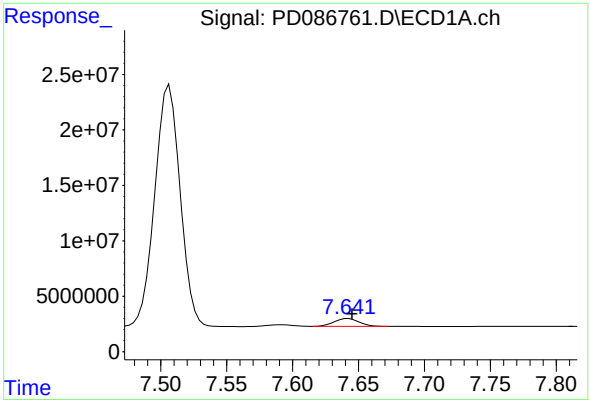
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: -0.001 min
Response: 290293543
Conc: 268.43 ng/ml



#20 Methoxychlor

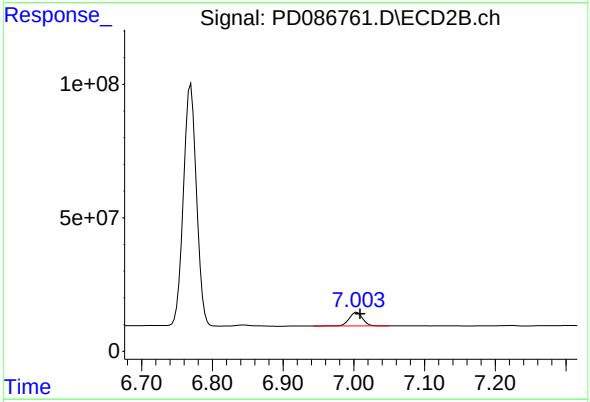
R.T.: 6.770 min
Delta R.T.: -0.006 min
Response: 1158654407
Conc: 183.37 ng/ml



#21 Endrin ketone

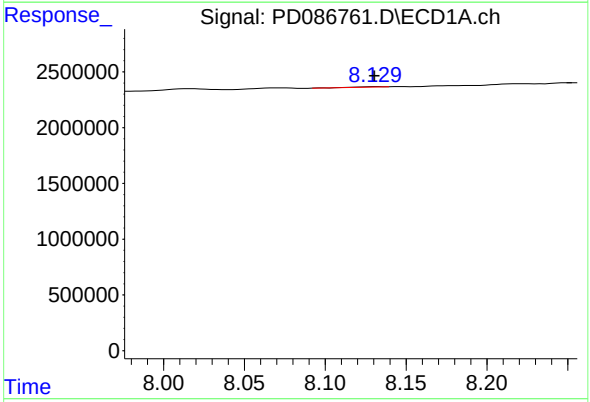
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 9250892
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



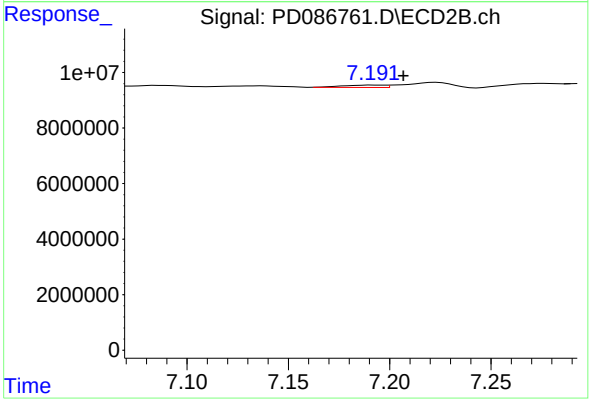
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 66672808
Conc: 5.24 ng/ml



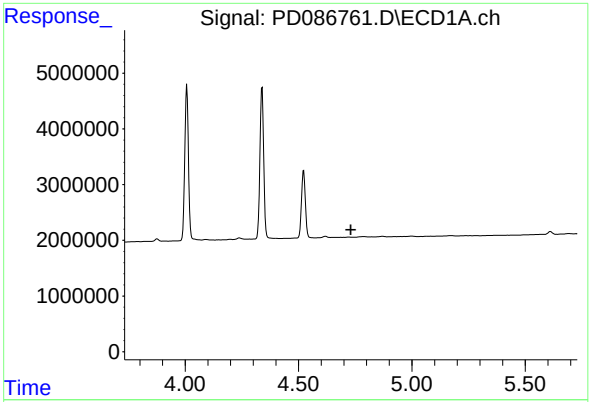
#22 Mirex

R.T.: 8.132 min
Delta R.T.: 0.002 min
Response: 34492
Conc: 0.02 ng/ml



#22 Mirex

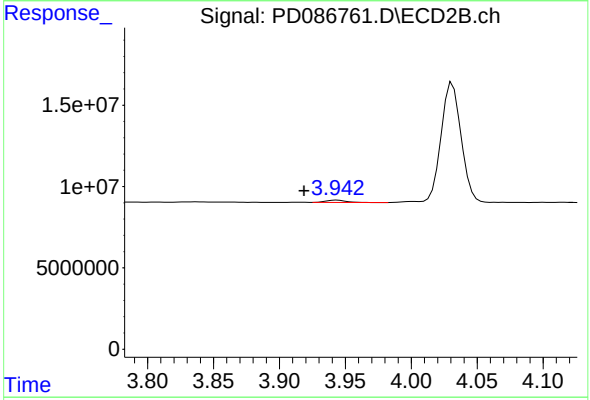
R.T.: 7.193 min
Delta R.T.: -0.014 min
Response: 1268603
Conc: 0.12 ng/ml



#23 Chlordane-1

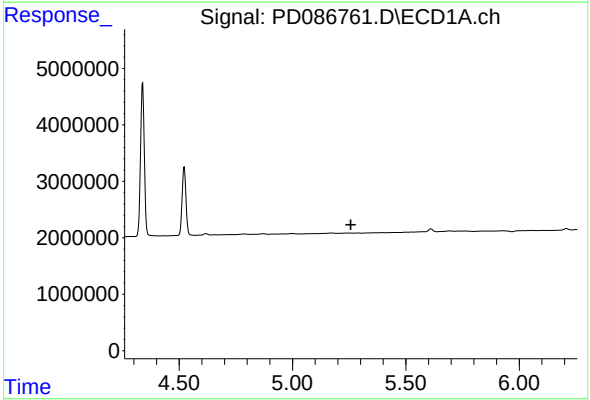
R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



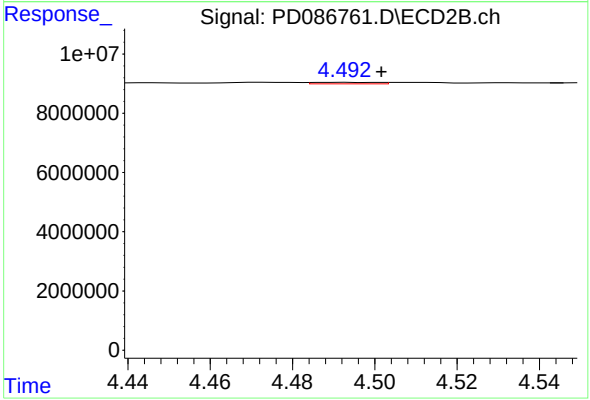
#23 Chlordane-1

R.T.: 3.944 min
Delta R.T.: 0.025 min
Response: 1549094
Conc: 3.33 ng/ml



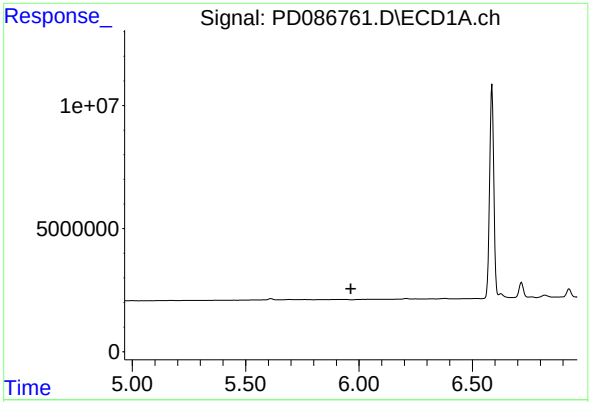
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.257 min
Response: 0
Conc: N.D.



#24 Chlordane-2

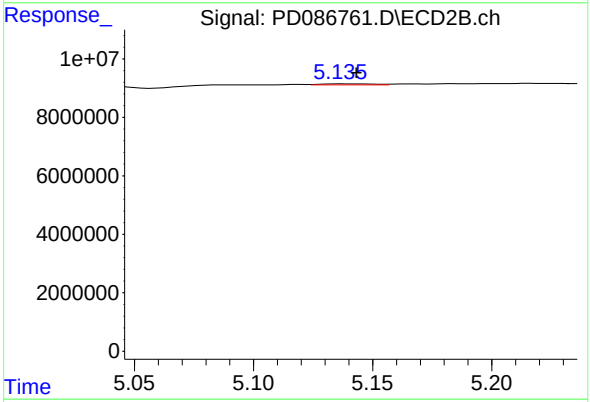
R.T.: 4.493 min
Delta R.T.: -0.009 min
Response: 542976
Conc: 1.10 ng/ml



#25 Chlordane-3

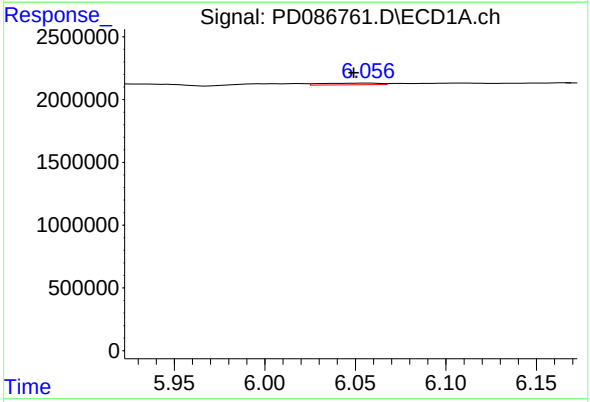
R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



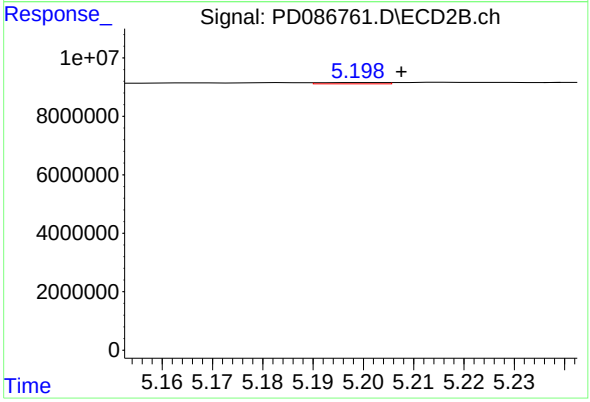
#25 Chlordane-3

R.T.: 5.137 min
Delta R.T.: -0.007 min
Response: 547516
Conc: 0.37 ng/ml



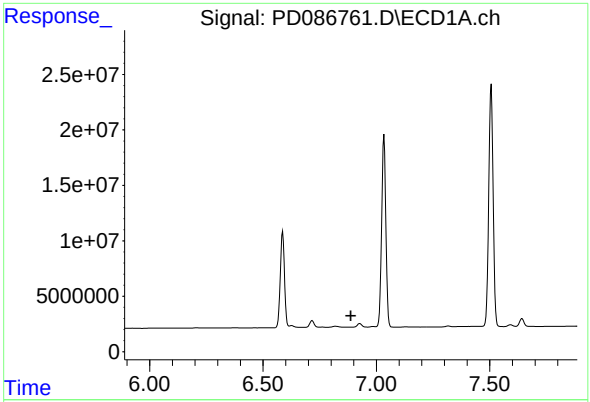
#26 Chlordane-4

R.T.: 6.057 min
Delta R.T.: 0.008 min
Response: 294089
Conc: 0.64 ng/ml



#26 Chlordane-4

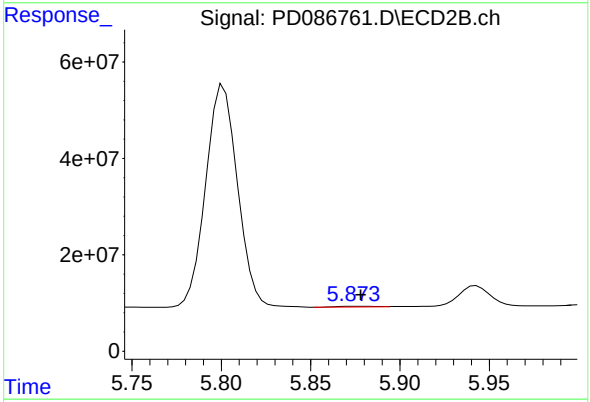
R.T.: 5.200 min
Delta R.T.: -0.008 min
Response: 397910
Conc: 0.32 ng/ml



#27 Chlordane-5

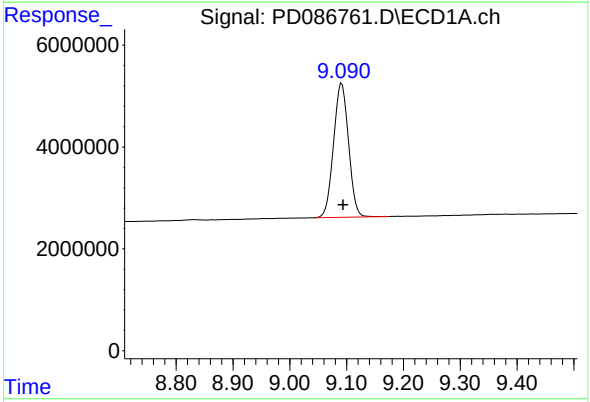
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



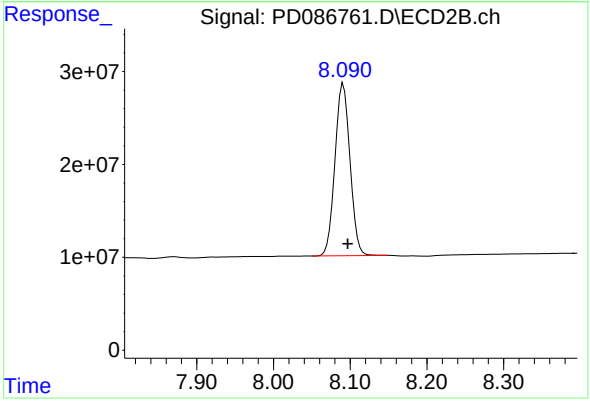
#27 Chlordane-5

R.T.: 5.875 min
Delta R.T.: -0.003 min
Response: 1966097
Conc: 4.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: -0.002 min
Response: 48217487
Conc: 25.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.091 min
Delta R.T.: -0.006 min
Response: 252755004
Conc: 23.60 ng/ml