Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 09:56
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: Sep 09 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
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...	3.549	2.877	56230857	450.1E6	19.160	20.413	
28)	SA	Decachlor...	9.068	8.063	74601640	420.8E6	17.285	16.255	
		Target Compounds							
2)	A	alpha-BHC	3.998	3.389	54931379	372.8E6	9.152	10.985	
3)	MA	gamma-BHC...	4.328	3.724	53737787	337.0E6	9.383	10.812	
4)	MA	Heptachlor	0.000	4.078	0	2264999	N.D.	0.073	#
5)	MB	Aldrin	5.248f	4.359	530222	1130518	0.098	0.037	#
6)	B	beta-BHC	4.515	4.020	22794882	145.3E6	10.163	10.897	
7)	B	delta-BHC	4.774	4.255	714991	2015014	0.138	0.064	#
8)	B	Heptachlo...	5.673	4.864	888579	5951001	0.181	0.215	
10)	B	gamma-Chl...	5.941	5.119	347168	34577251	0.071	1.168	#
11)	B	alpha-Chl...	6.030	5.184	604510	8374297	0.123	0.293	#
12)	B	4,4'-DDE	6.192	5.368	1152483	9180245	0.263	0.319	
13)	MA	Dieldrin	6.364f	5.495	2673341	-47863	0.546	N.D.	#
14)	MA	Endrin	6.571	5.782	168.1E6	1120.4E6	40.570	42.070	
15)	B	Endosulfa...	6.766f	6.079	448557	16421469	0.106	0.649	#
16)	A	4,4'-DDD	6.702	5.922	23262198	187.3E6	6.725	7.790	
17)	MA	4,4'-DDT	7.018	6.175	271.1E6	1899.3E6	71.170	75.759	
18)	B	Endrin al...	6.912	6.251	4767539	35431324	1.663	2.058	
19)	B	Endosulfa...	0.000	6.453f	0	3561804	N.D.	0.146	#
20)	A	Methoxychlor	7.490	6.746	325.2E6	1871.6E6	162.131	145.130	
21)	B	Endrin ke...	7.627	6.983	12934044	126.5E6	3.121	4.748	#
22)		Mirex	0.000	7.165	0	5288979	N.D.	0.256	#
23)		Chlordane-1	0.000	3.896	0	1011529	N.D.	1.138	#
24)		Chlordane-2	5.248	4.478	530222	2834640	3.012	2.959	
25)		Chlordane-3	5.941	5.119	347168	34577251	0.512	12.478	#
26)		Chlordane-4	6.030	5.184	604510	8374297	0.728	3.479	#
27)		Chlordane-5	0.000	6.079	0	16421469	N.D.	14.929	#

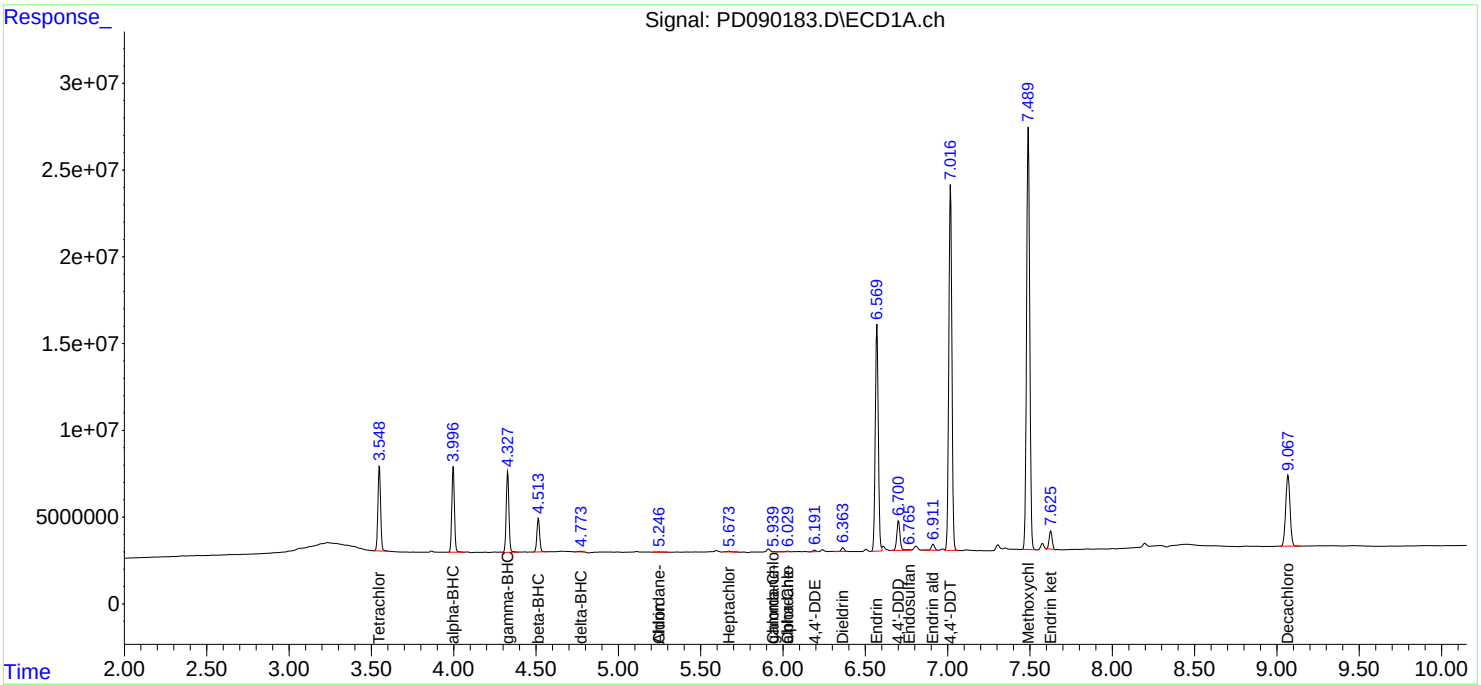
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

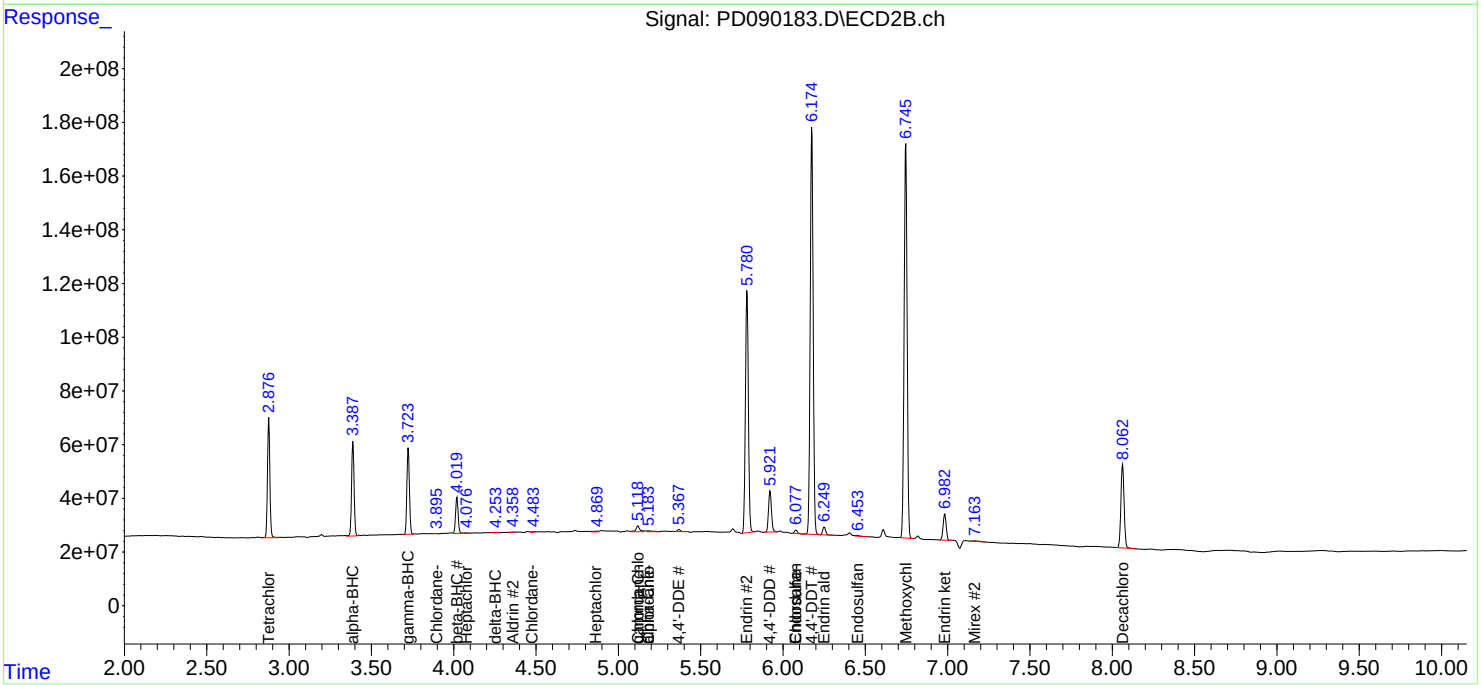
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 09:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

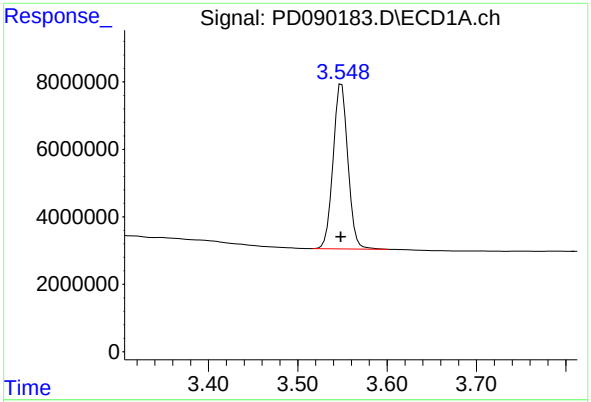
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
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



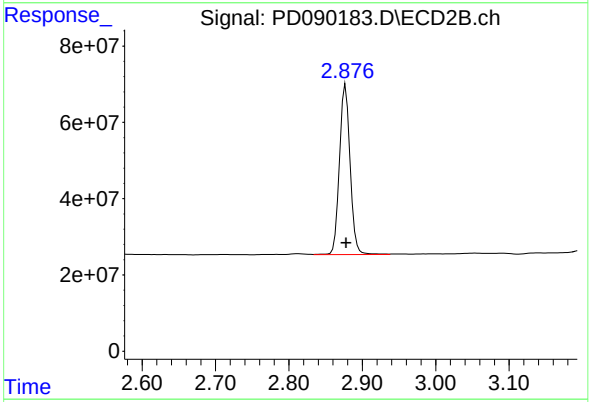




#1 Tetrachloro-m-xylene

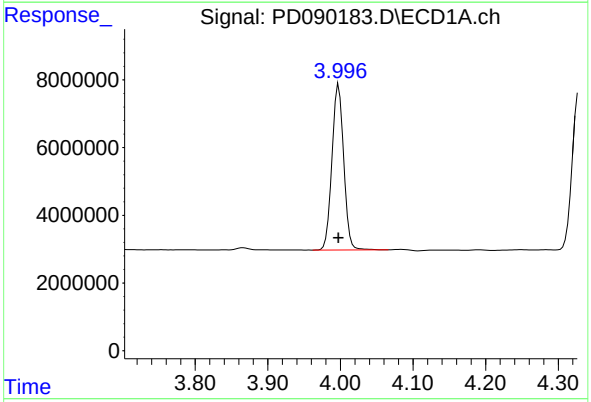
R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 56230857
Conc: 19.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



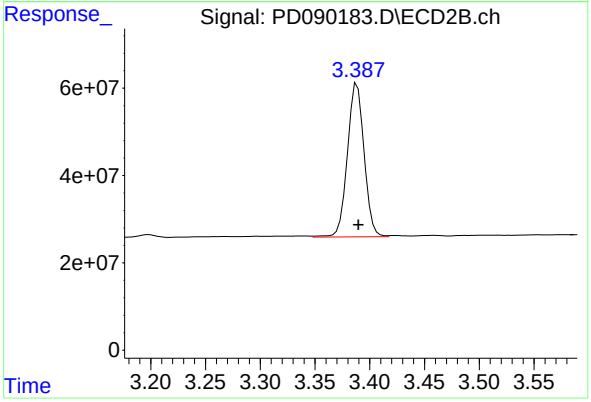
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 450127394
Conc: 20.41 ng/ml



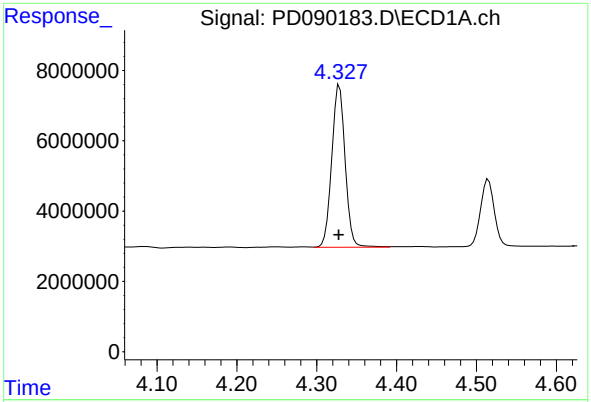
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 54931379
Conc: 9.15 ng/ml



#2 alpha-BHC

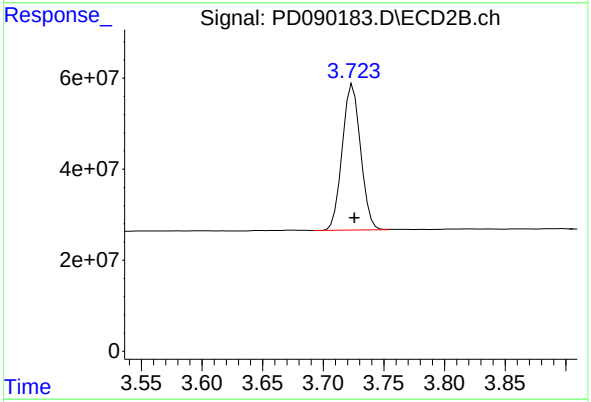
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 372819945
Conc: 10.99 ng/ml



#3 gamma-BHC (Lindane)

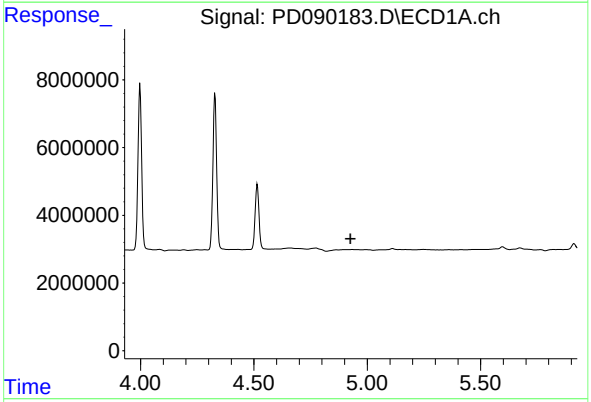
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 53737787
Conc: 9.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



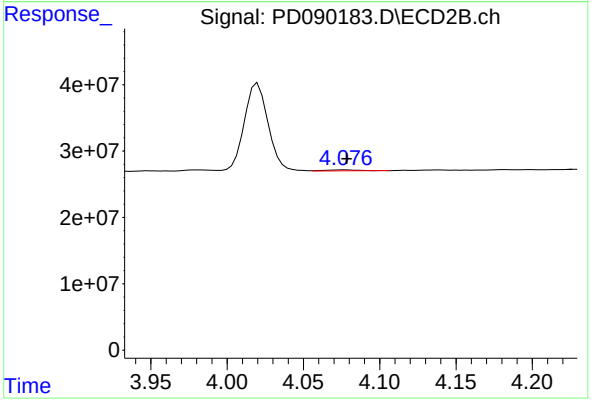
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 337004148
Conc: 10.81 ng/ml



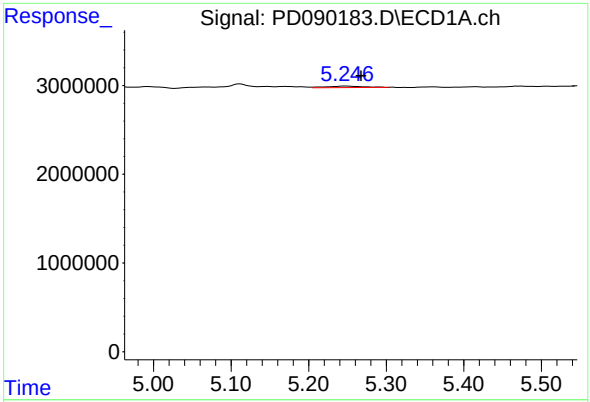
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

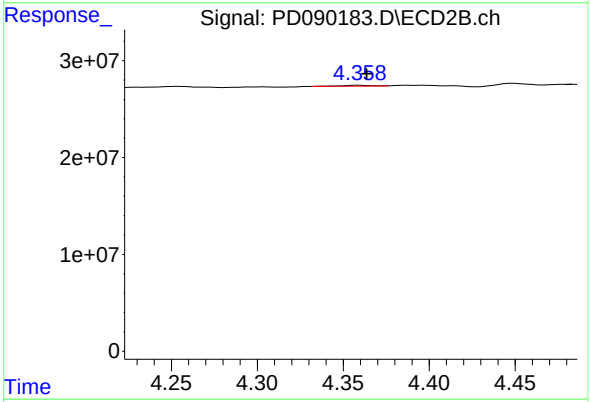
R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 2264999
Conc: 0.07 ng/ml



#5 Aldrin

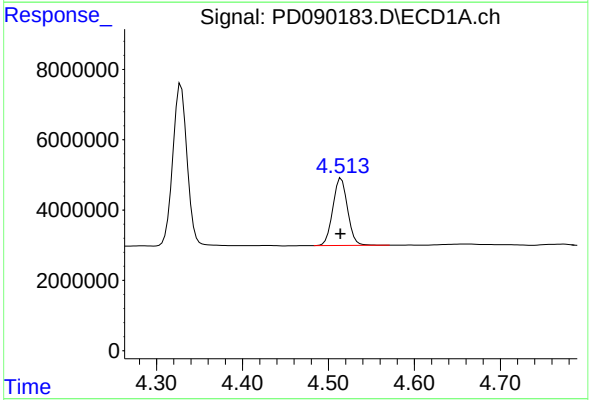
R.T.: 5.248 min
Delta R.T.: -0.020 min
Response: 530222
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



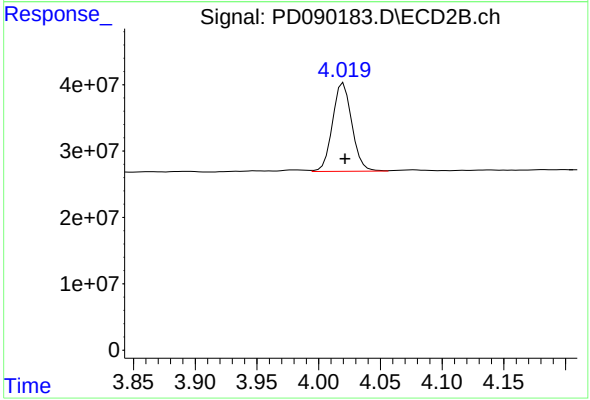
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 1130518
Conc: 0.04 ng/ml



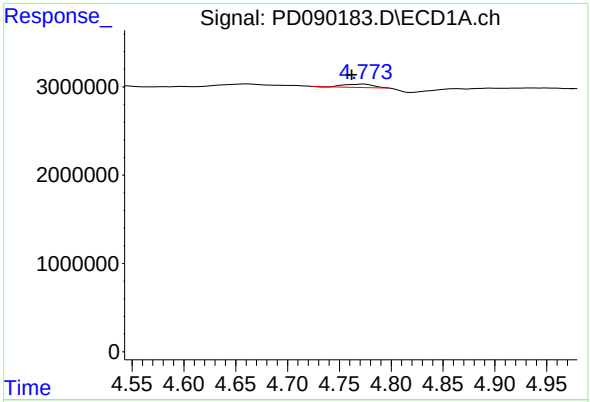
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 22794882
Conc: 10.16 ng/ml



#6 beta-BHC

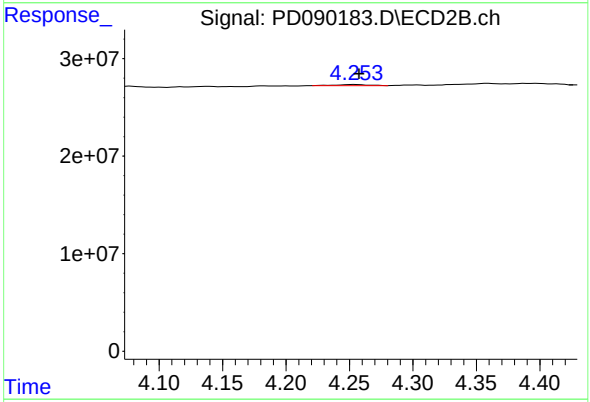
R.T.: 4.020 min
Delta R.T.: -0.001 min
Response: 145257767
Conc: 10.90 ng/ml



#7 delta-BHC

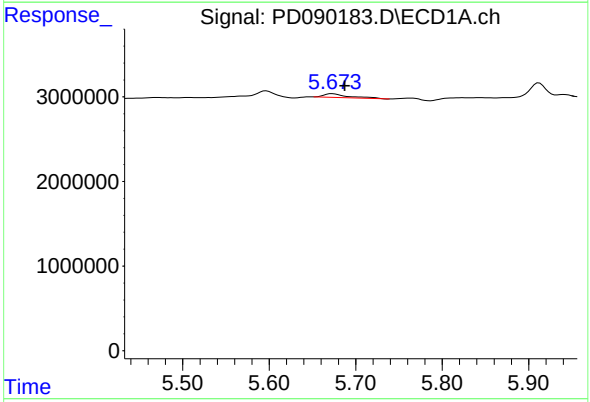
R.T.: 4.774 min
Delta R.T.: 0.012 min
Response: 714991
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



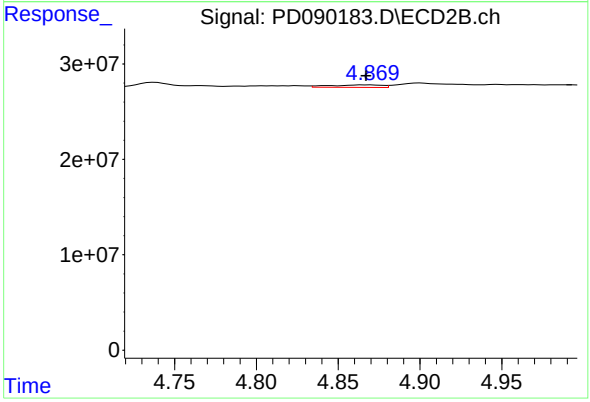
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.003 min
Response: 2015014
Conc: 0.06 ng/ml



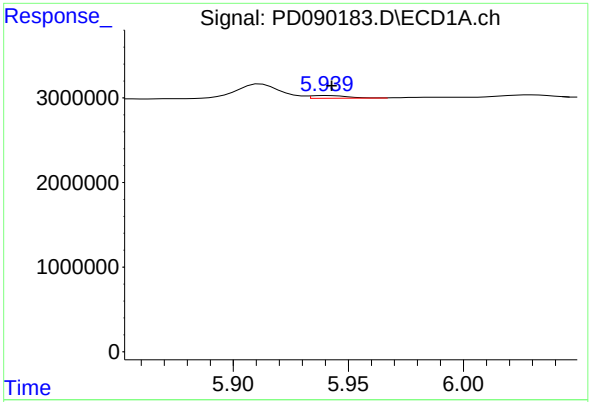
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.014 min
Response: 888579
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

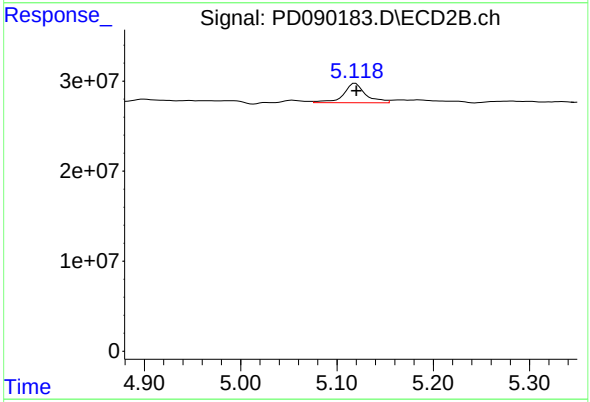
R.T.: 4.864 min
Delta R.T.: -0.003 min
Response: 5951001
Conc: 0.21 ng/ml



#10 gamma-Chlordane

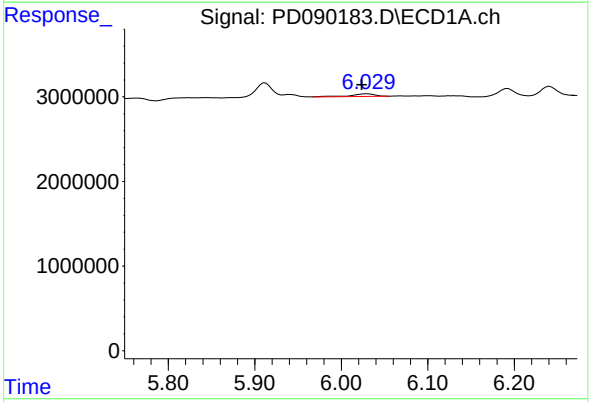
R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 347168
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



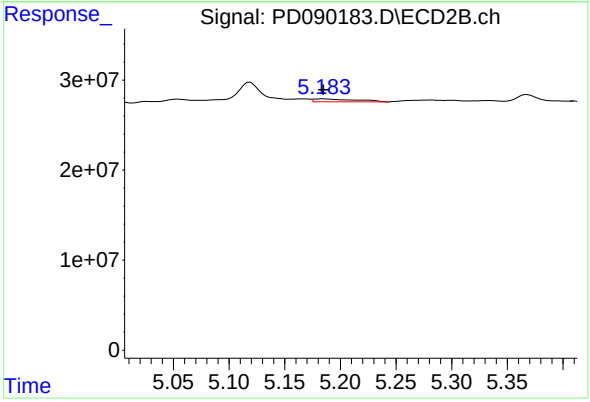
#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 34577251
Conc: 1.17 ng/ml



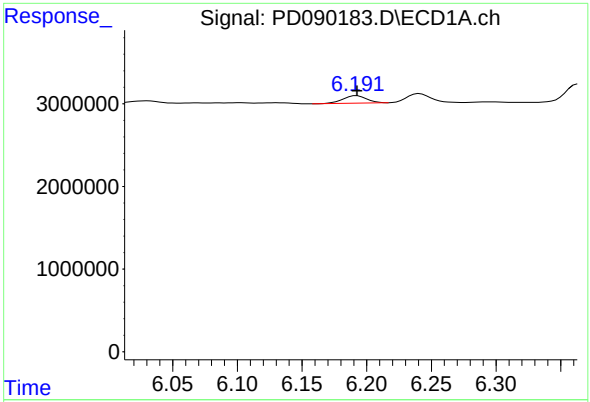
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.006 min
Response: 604510
Conc: 0.12 ng/ml



#11 alpha-Chlordane

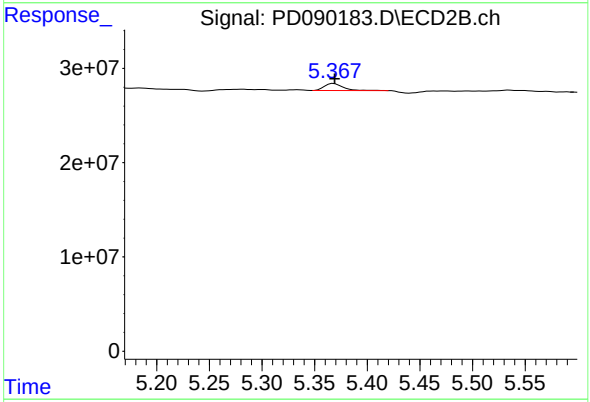
R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 8374297
Conc: 0.29 ng/ml



#12 4,4'-DDE

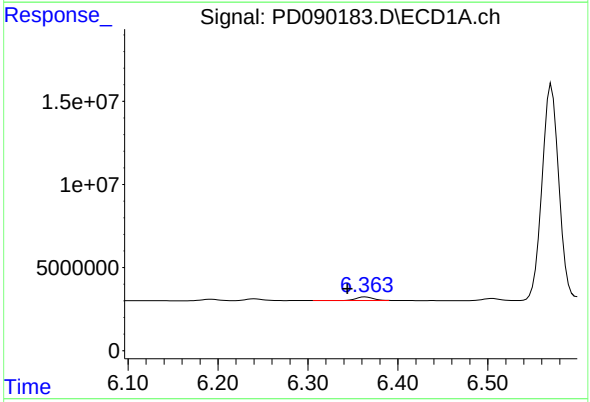
R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 1152483
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



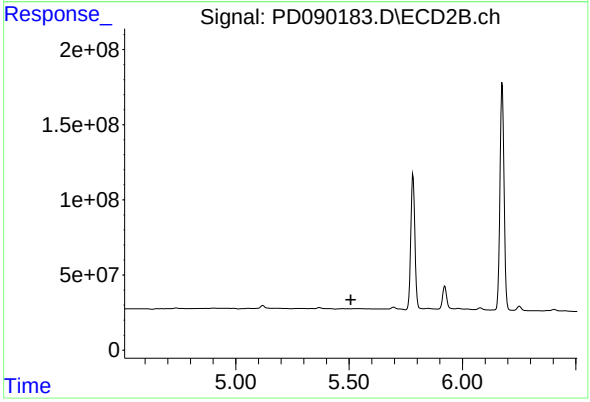
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 9180245
Conc: 0.32 ng/ml



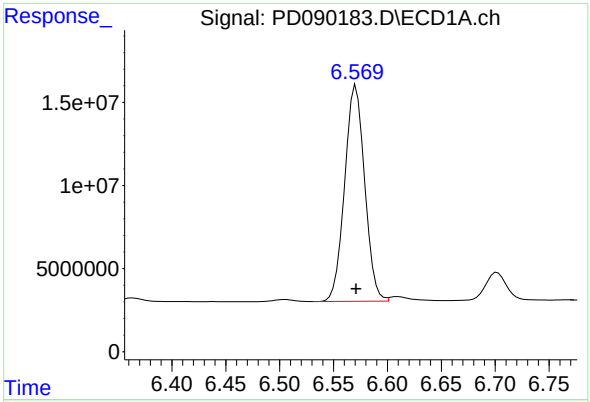
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.020 min
Response: 2673341
Conc: 0.55 ng/ml



#13 Dieldrin

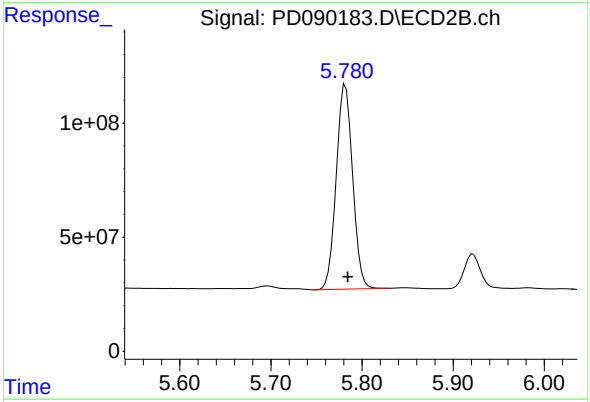
R.T.: 5.495 min
Delta R.T.: -0.012 min
Response: -47863
Conc: N.D.



#14 Endrin

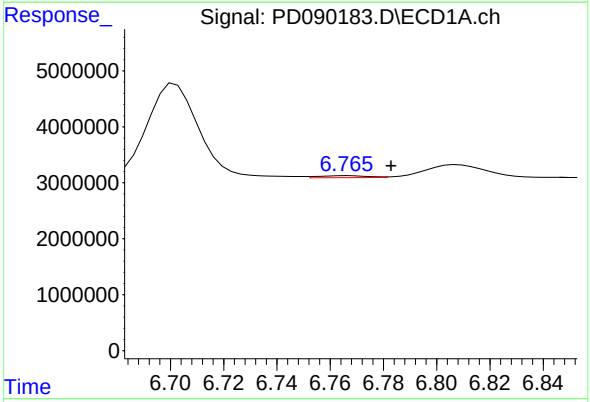
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 168105234
Conc: 40.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



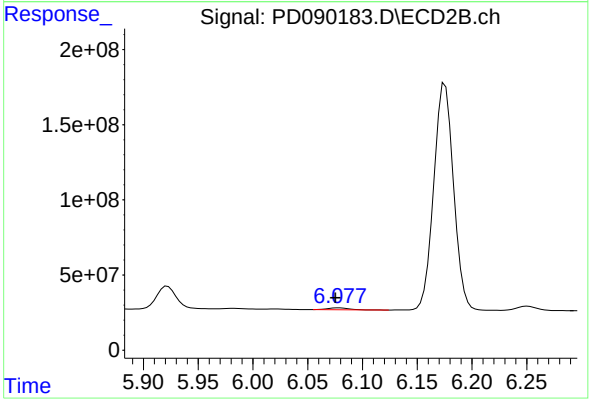
#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1120428365
Conc: 42.07 ng/ml



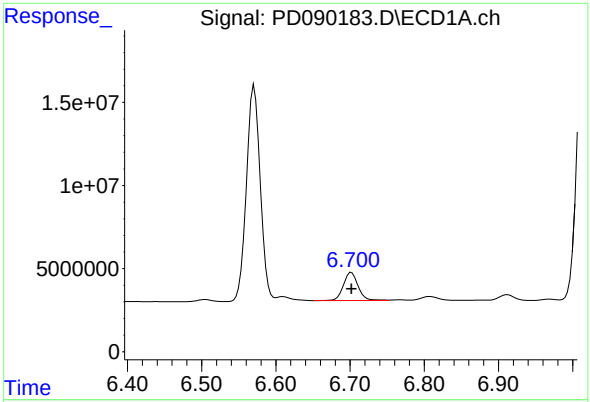
#15 Endosulfan II

R.T.: 6.766 min
Delta R.T.: -0.016 min
Response: 448557
Conc: 0.11 ng/ml



#15 Endosulfan II

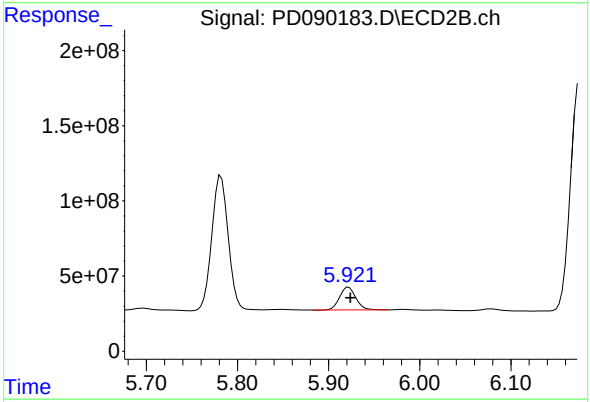
R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 16421469
Conc: 0.65 ng/ml



#16 4,4'-DDD

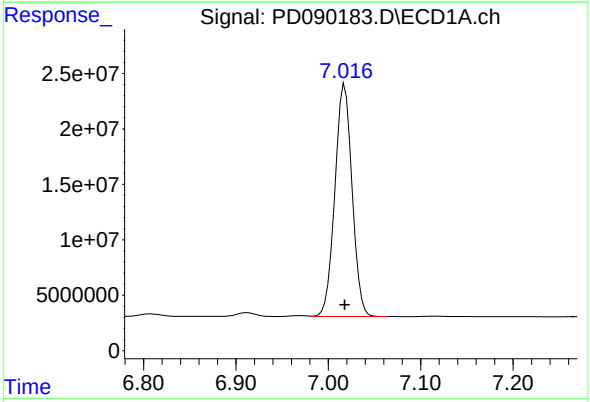
R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 23262198
Conc: 6.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



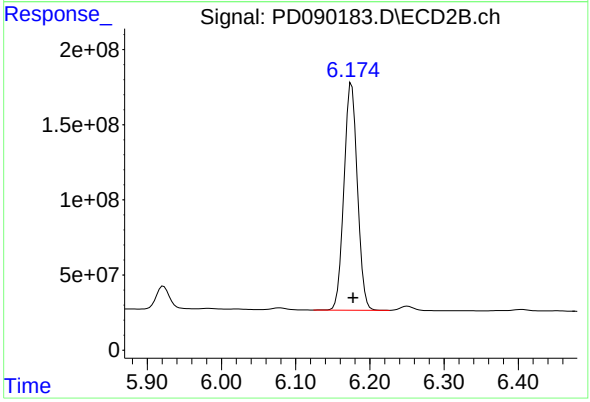
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 187309990
Conc: 7.79 ng/ml



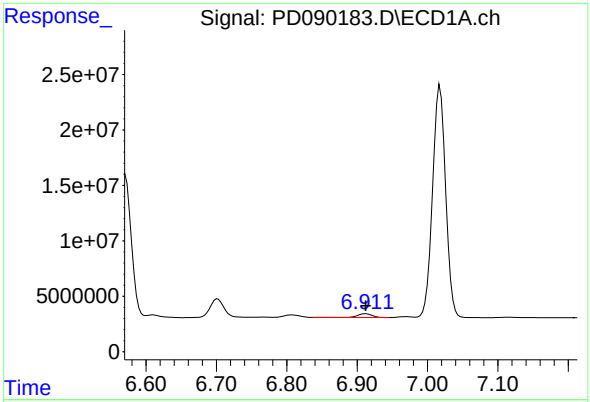
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 271140378
Conc: 71.17 ng/ml



#17 4,4'-DDT

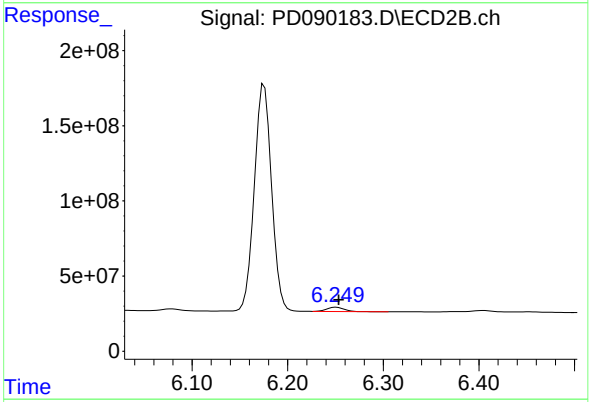
R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 1899250317
Conc: 75.76 ng/ml



#18 Endrin aldehyde

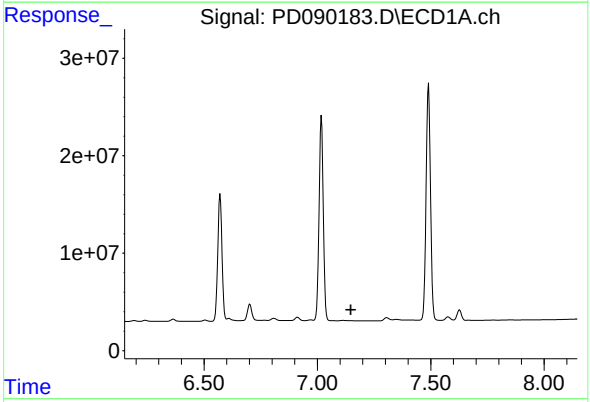
R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 4767539
Conc: 1.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



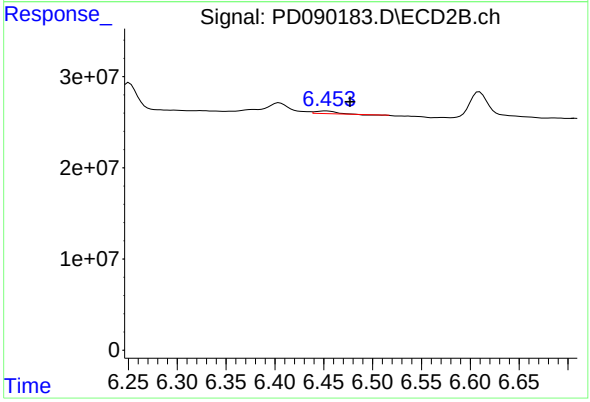
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 35431324
Conc: 2.06 ng/ml



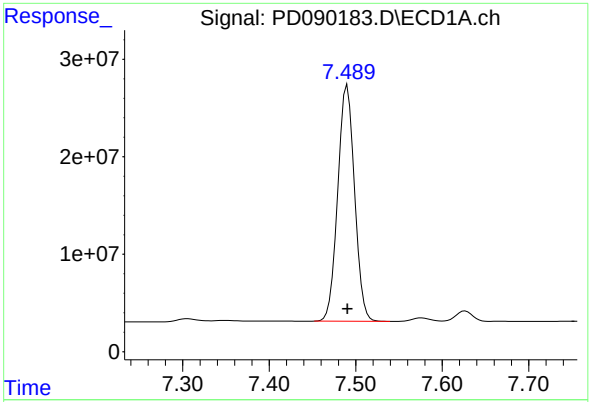
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.147 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

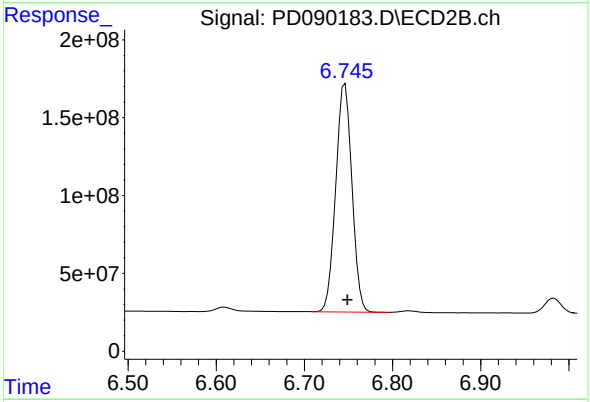
R.T.: 6.453 min
Delta R.T.: -0.024 min
Response: 3561804
Conc: 0.15 ng/ml



#20 Methoxychlor

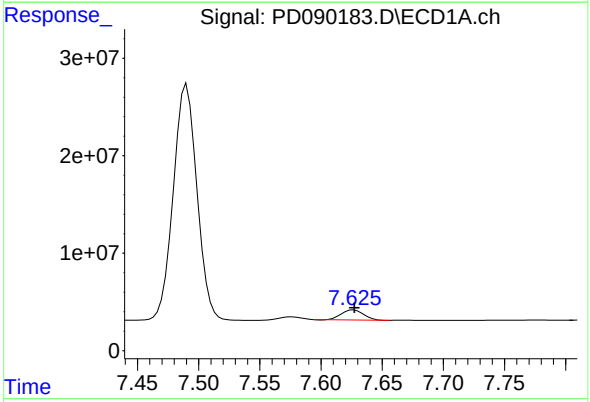
R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 325172036
Conc: 162.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



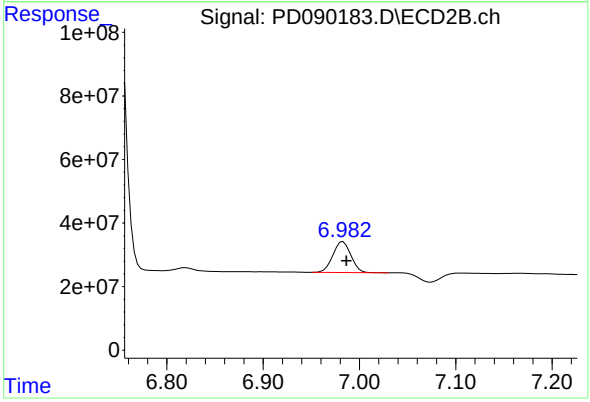
#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 1871565187
Conc: 145.13 ng/ml



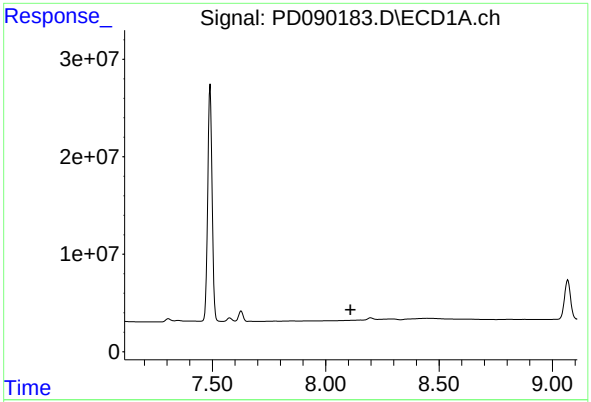
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 12934044
Conc: 3.12 ng/ml



#21 Endrin ketone

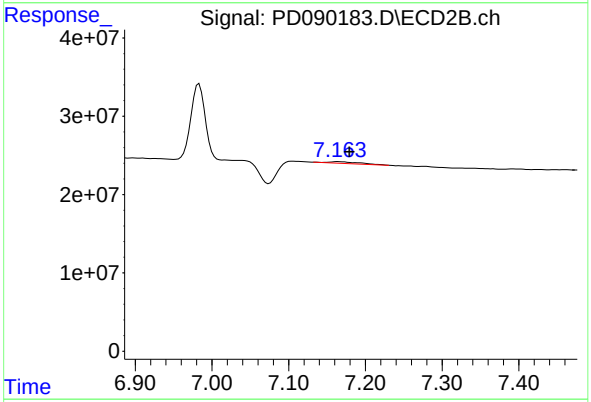
R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 126509433
Conc: 4.75 ng/ml



#22 Mirex

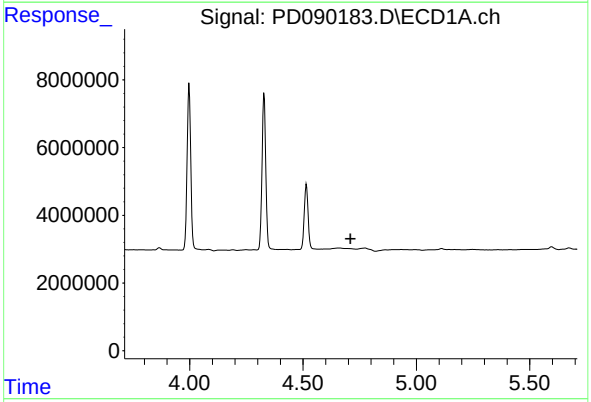
R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



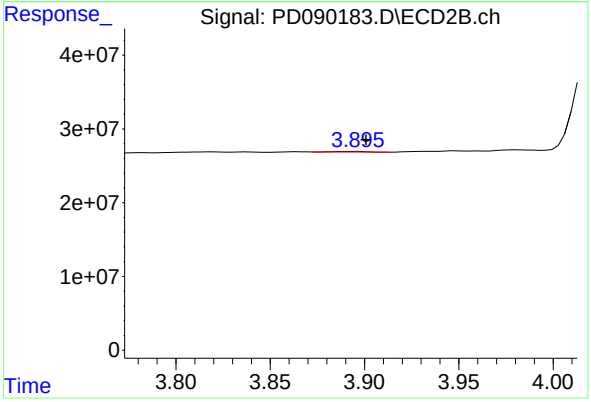
#22 Mirex

R.T.: 7.165 min
Delta R.T.: -0.014 min
Response: 5288979
Conc: 0.26 ng/ml



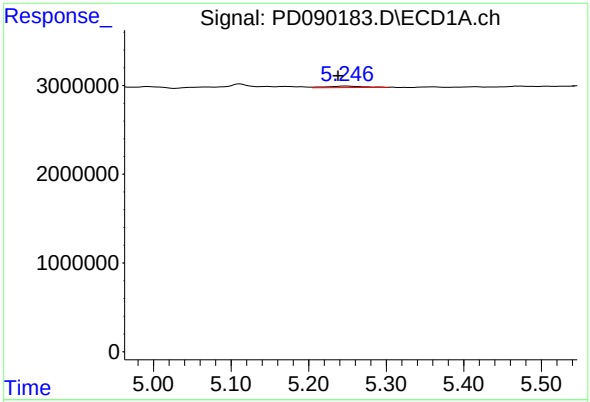
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

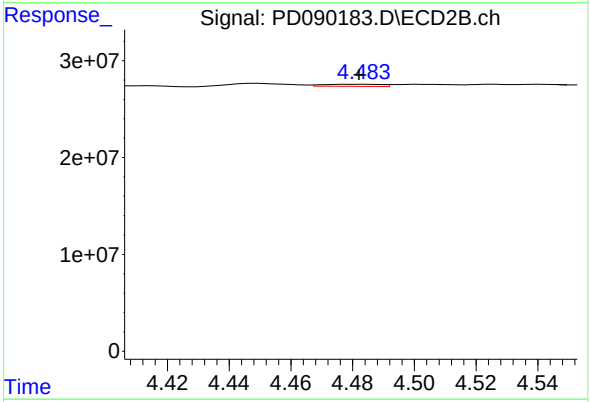
R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 1011529
Conc: 1.14 ng/ml



#24 Chlordane-2

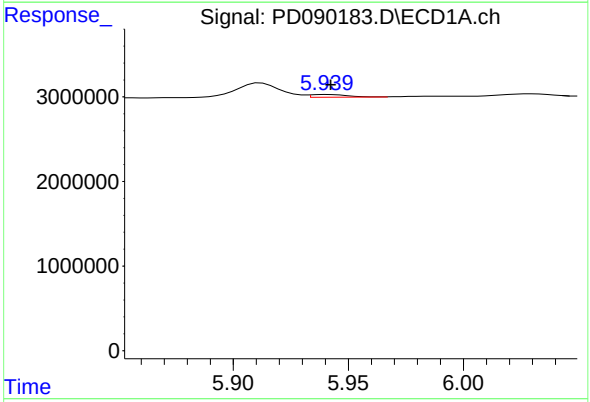
R.T.: 5.248 min
Delta R.T.: 0.010 min
Response: 530222
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



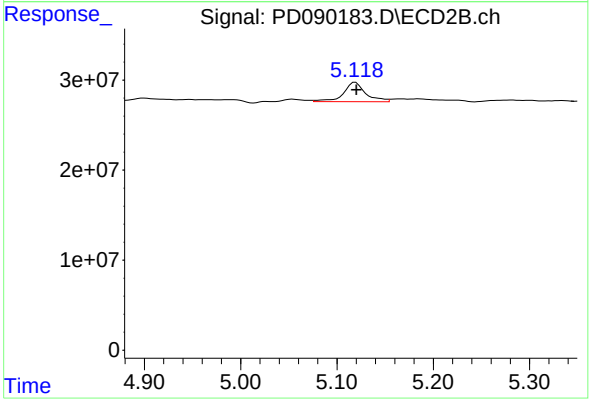
#24 Chlordane-2

R.T.: 4.478 min
Delta R.T.: -0.004 min
Response: 2834640
Conc: 2.96 ng/ml



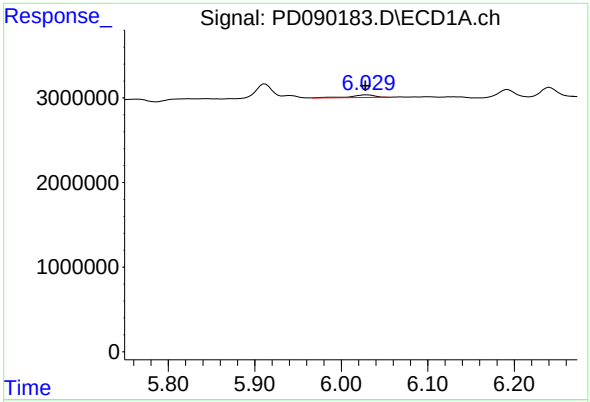
#25 Chlordane-3

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 347168
Conc: 0.51 ng/ml



#25 Chlordane-3

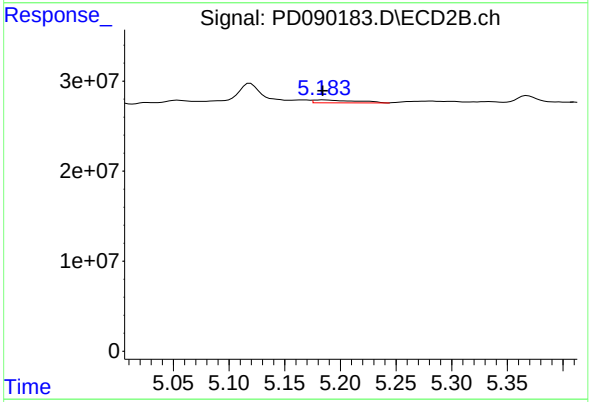
R.T.: 5.119 min
Delta R.T.: -0.001 min
Response: 34577251
Conc: 12.48 ng/ml



#26 Chlordane-4

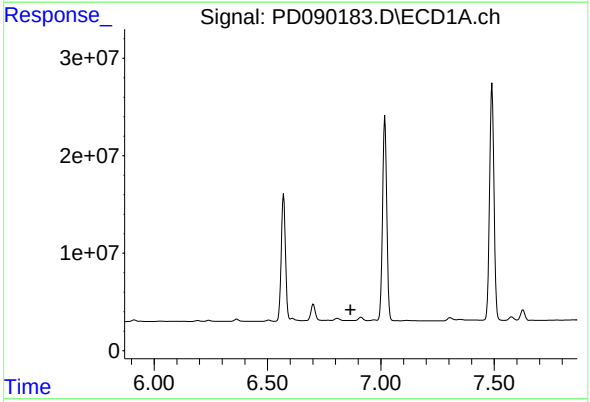
R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 604510
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



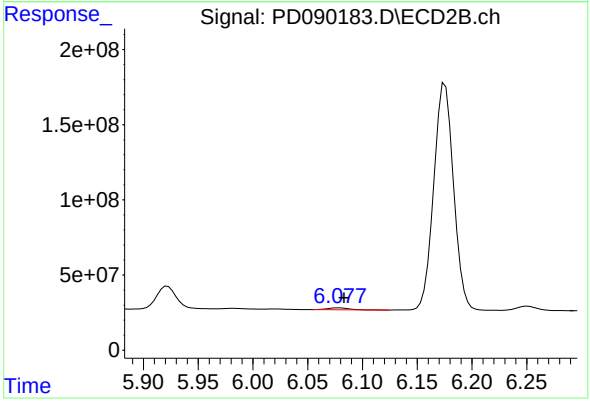
#26 Chlordane-4

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 8374297
Conc: 3.48 ng/ml



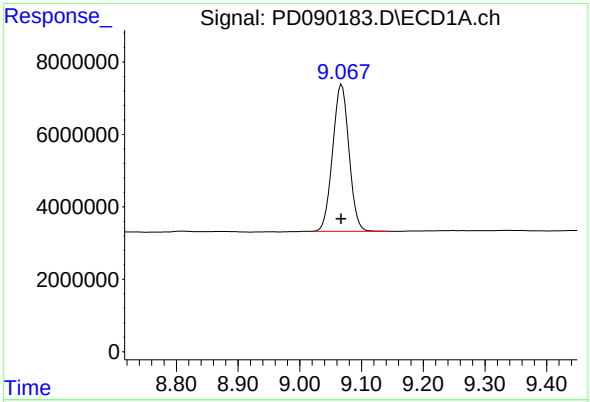
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.867 min
Response: 0
Conc: N.D.



#27 Chlordane-5

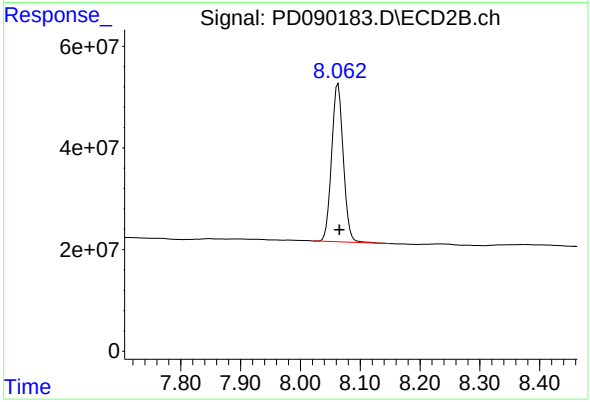
R.T.: 6.079 min
Delta R.T.: -0.005 min
Response: 16421469
Conc: 14.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.000 min
Response: 74601640
Conc: 17.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 420781980
Conc: 16.26 ng/ml