Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
Data File : PL072737.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2022 09:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 00:58:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.554	5.489	11216695	38837786	23.295	22.484	
28)	SA Decachlor...	10.310	11.377	19031447	41156999	25.139	25.954	
	Target Compounds							
2)	A alpha-BHC	5.259	6.070	6677356	24893298	10.127	10.395	
3)	MA gamma-BHC...	5.682	6.466	6565695	24104897	10.447	10.469	
4)	MA Heptachlor	6.067f	7.104	3317756	160423	4.545	0.070	#
5)	MB Aldrin	6.412	0.000	3519	0	0.005	N.D.	#
6)	B beta-BHC	6.067	6.726	3317756	12711695	13.389	12.469	
7)	B delta-BHC	6.327	7.013f	88553	1109189	0.134	0.484	#
8)	B Heptachlo...	6.995	7.959	33726	206170	0.053	0.107	#
9)	A Endosulfan I	7.407	8.386f	45388	34280	0.078	0.020	#
10)	B gamma-Chl...	7.291f	8.224	24292	114983	0.038	0.059	#
11)	B alpha-Chl...	7.326	8.327f	50811	186003	0.080	0.098	
12)	B 4,4'-DDE	7.549	8.490	204049	574910	0.336	0.308	
13)	MA Dieldrin	7.676	0.000	114471	0	0.181	N.D.	#
14)	MA Endrin	7.967	8.882	34402298	94214759	58.726	59.795	
15)	B Endosulfa...	8.307f	9.141f	169710	880957	0.279	0.524	#
16)	A 4,4'-DDD	8.136	9.030	700087	2129422	1.455	1.539	
17)	MA 4,4'-DDT	8.396	9.346	71860257	191.5E6	133.549	125.086	
18)	B Endrin al...	8.470	9.253	664893	1207139	1.525	1.073	#
19)	B Endosulfa...	8.699	0.000	52292	0	0.088	N.D.	#
20)	A Methoxychlor	8.992	9.834	100.2E6	240.9E6	284.992	297.568	
21)	B Endrin ke...	9.216	9.987	1450814	2712979	2.111	1.703	
22)	Mirex	9.422f	0.000	70388	0	0.119	N.D.	#
23)	Chlordane-1	5.885	0.000	3950	0	0.213	N.D.	#
24)	Chlordane-2	6.571	0.000	8507	0	0.336	N.D.	#
25)	Chlordane-3	7.291f	8.224	24292	114983	0.360	0.385	
26)	Chlordane-4	7.326	8.327f	50811	186003	0.692	0.521	
27)	Chlordane-5	8.307f	0.000	169710	0	6.615	N.D.	#

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

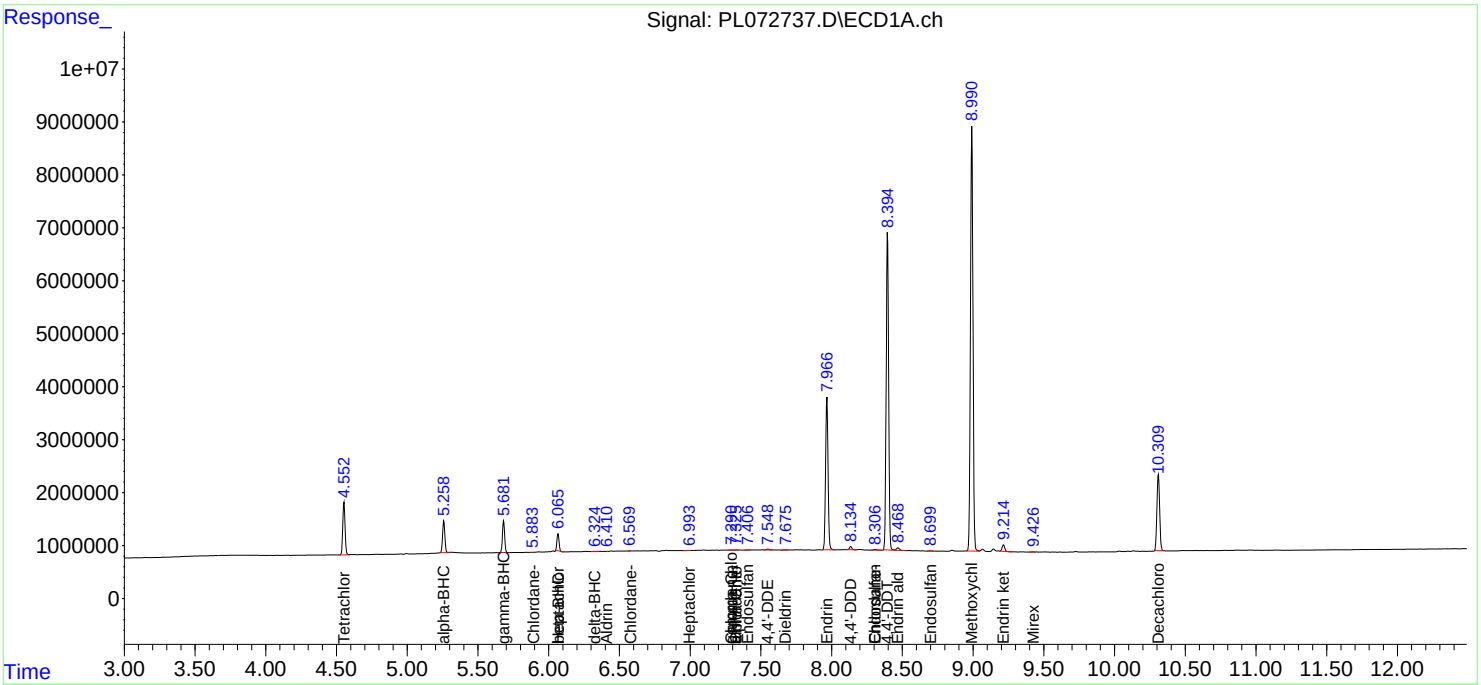
Quantitation Report (Not Reviewed)

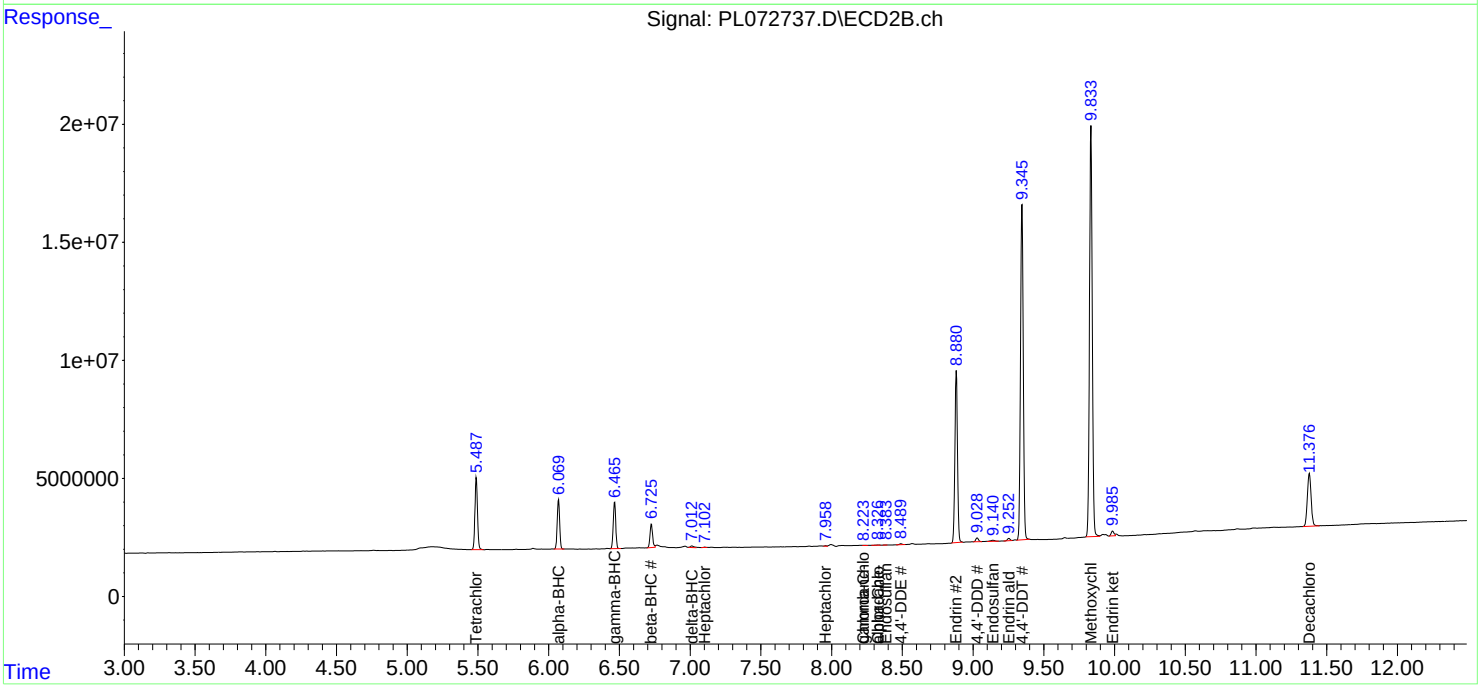
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021622\
Data File : PL072737.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2022 09:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

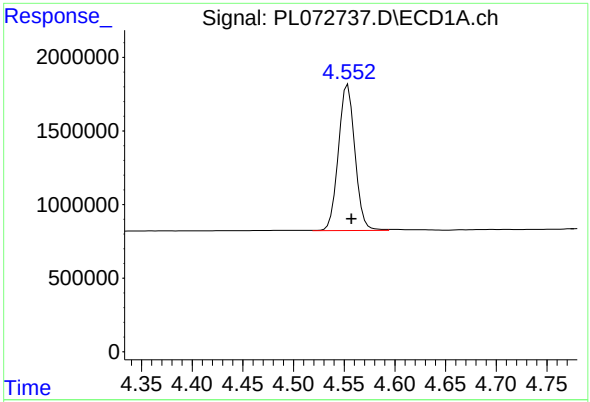
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 00:58:08 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm



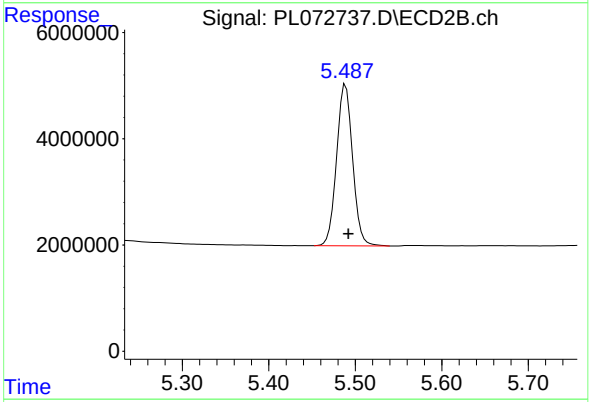




#1 Tetrachloro-m-xylene

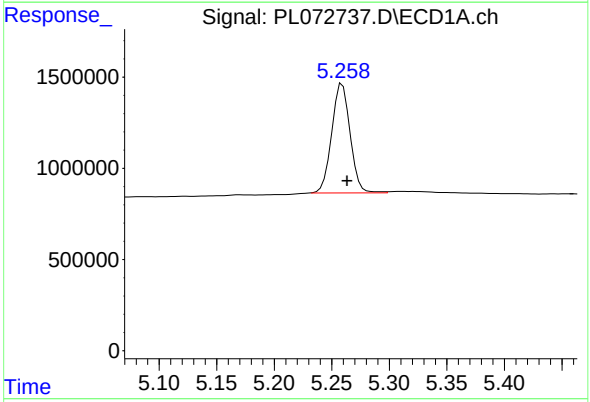
R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 11216695
Conc: 23.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



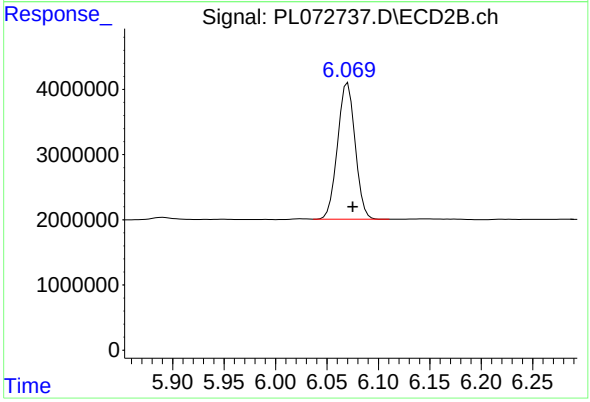
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 38837786
Conc: 22.48 ng/ml



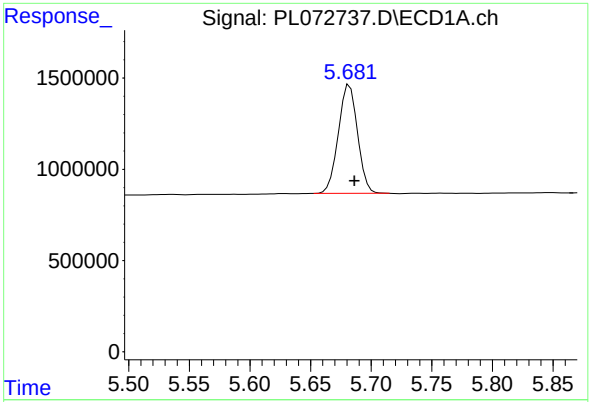
#2 alpha-BHC

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 6677356
Conc: 10.13 ng/ml



#2 alpha-BHC

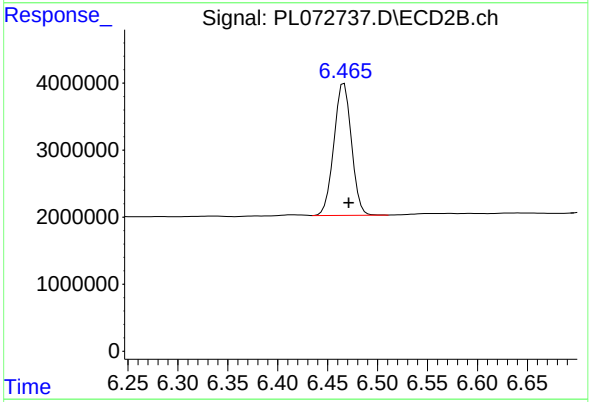
R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 24893298
Conc: 10.40 ng/ml



#3 gamma-BHC (Lindane)

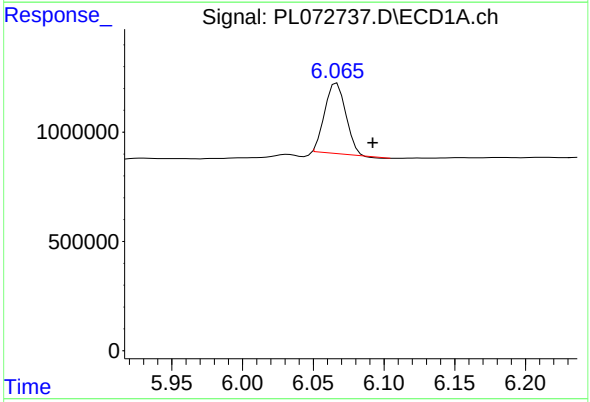
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 6565695
Conc: 10.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



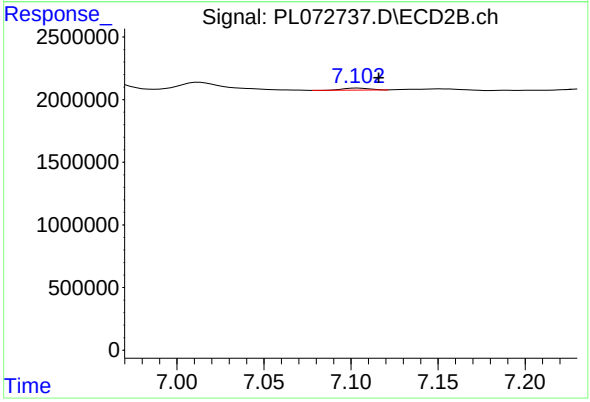
#3 gamma-BHC (Lindane)

R.T.: 6.466 min
Delta R.T.: -0.005 min
Response: 24104897
Conc: 10.47 ng/ml



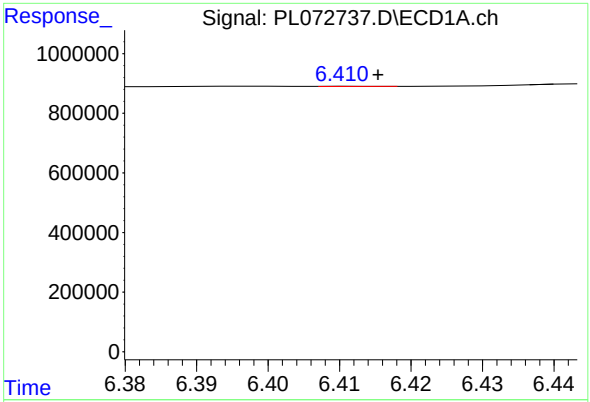
#4 Heptachlor

R.T.: 6.067 min
Delta R.T.: -0.025 min
Response: 3317756
Conc: 4.55 ng/ml



#4 Heptachlor

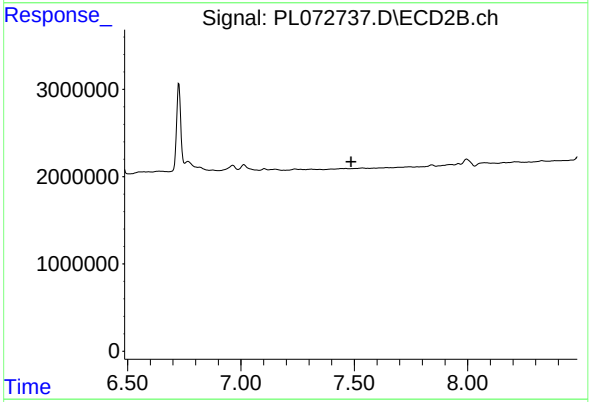
R.T.: 7.104 min
Delta R.T.: -0.012 min
Response: 160423
Conc: 0.07 ng/ml



#5 Aldrin

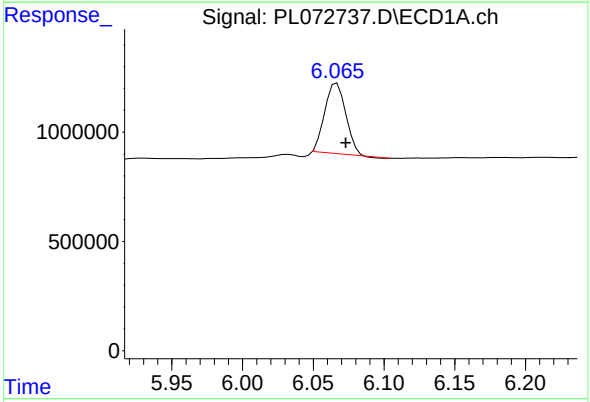
R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 3519
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



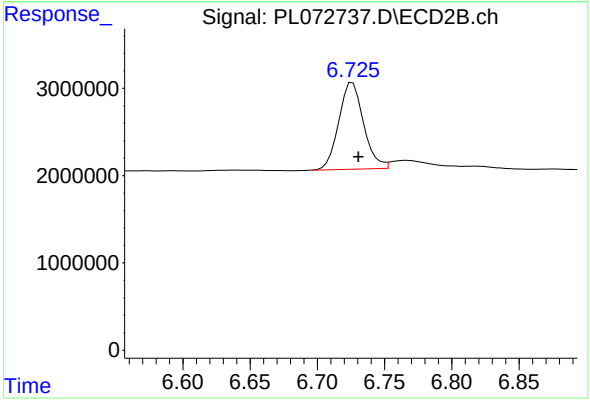
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 7.486 min
Response: 0
Conc: N.D.



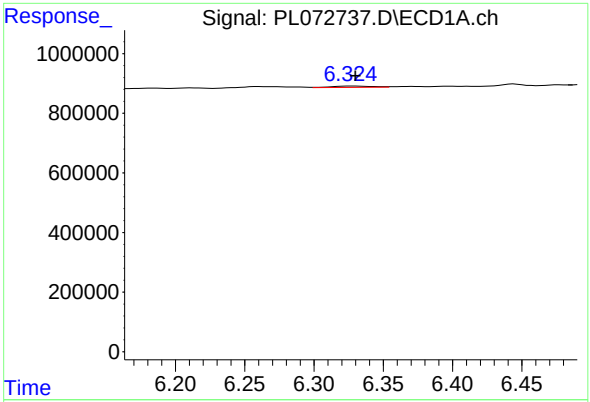
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.006 min
Response: 3317756
Conc: 13.39 ng/ml



#6 beta-BHC

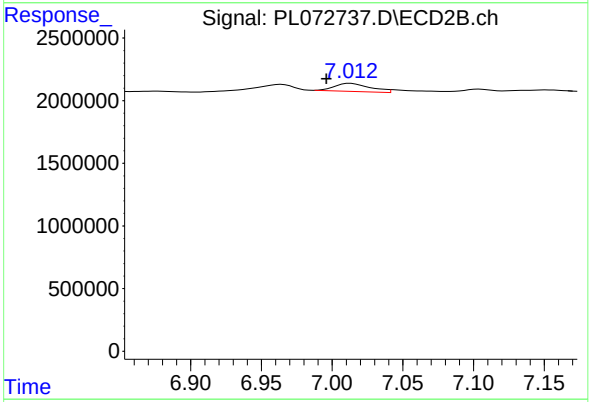
R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 12711695
Conc: 12.47 ng/ml



#7 delta-BHC

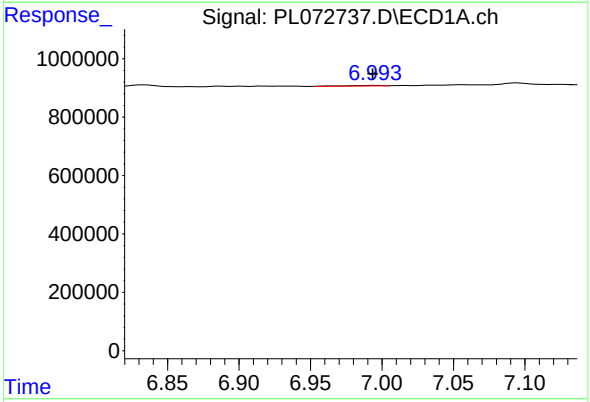
R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 88553
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



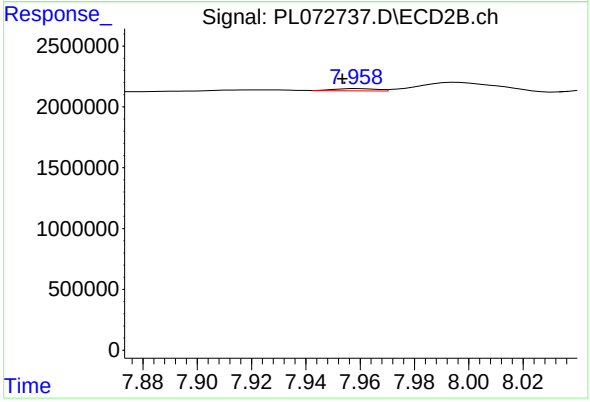
#7 delta-BHC

R.T.: 7.013 min
Delta R.T.: 0.017 min
Response: 1109189
Conc: 0.48 ng/ml



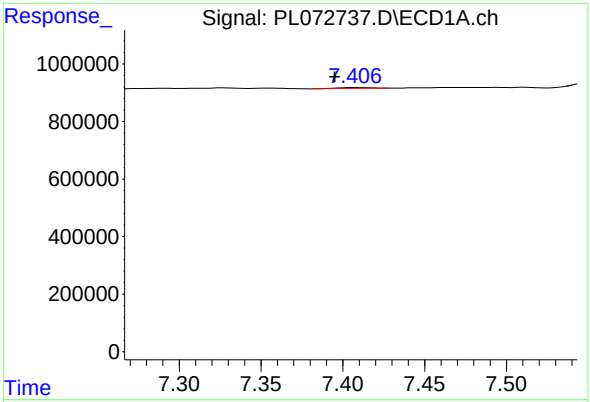
#8 Heptachlor epoxide

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 33726
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

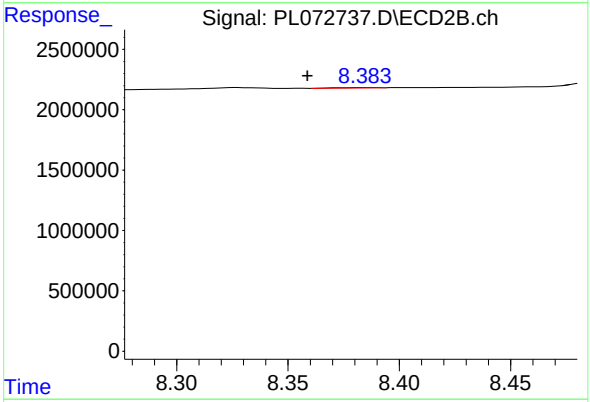
R.T.: 7.959 min
Delta R.T.: 0.006 min
Response: 206170
Conc: 0.11 ng/ml



#9 Endosulfan I

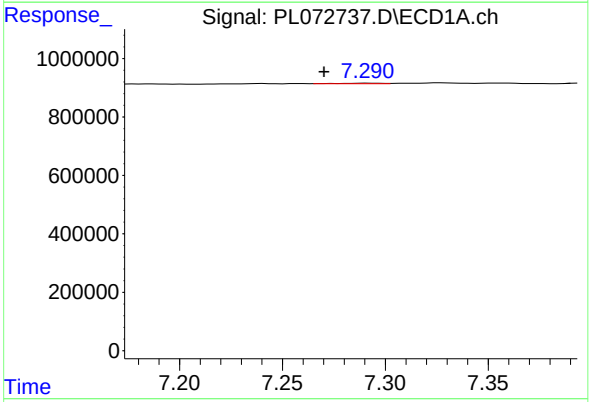
R.T.: 7.407 min
Delta R.T.: 0.012 min
Response: 45388
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



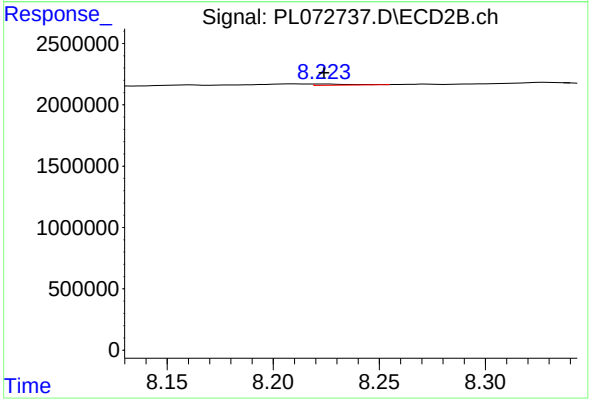
#9 Endosulfan I

R.T.: 8.386 min
Delta R.T.: 0.027 min
Response: 34280
Conc: 0.02 ng/ml



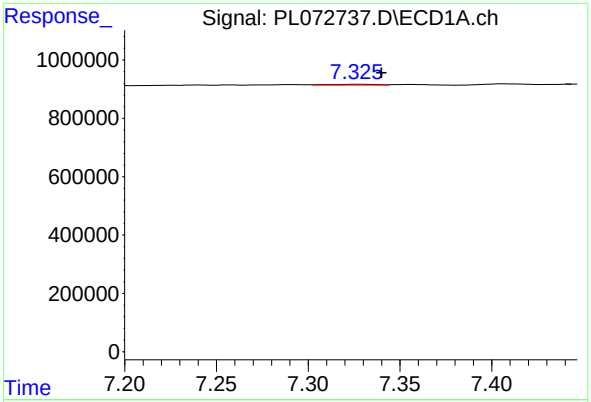
#10 gamma-Chlordane

R.T.: 7.291 min
Delta R.T.: 0.021 min
Response: 24292
Conc: 0.04 ng/ml



#10 gamma-Chlordane

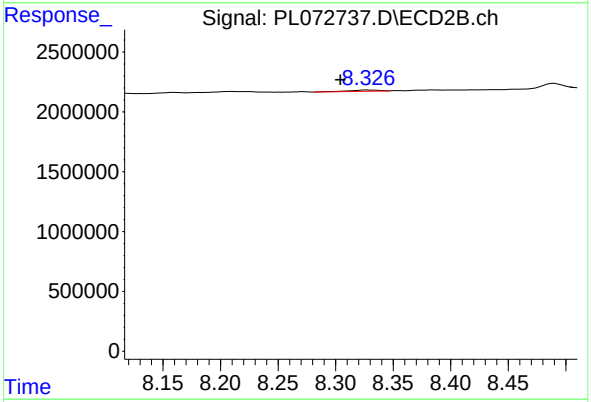
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 114983
Conc: 0.06 ng/ml



#11 alpha-Chlordane

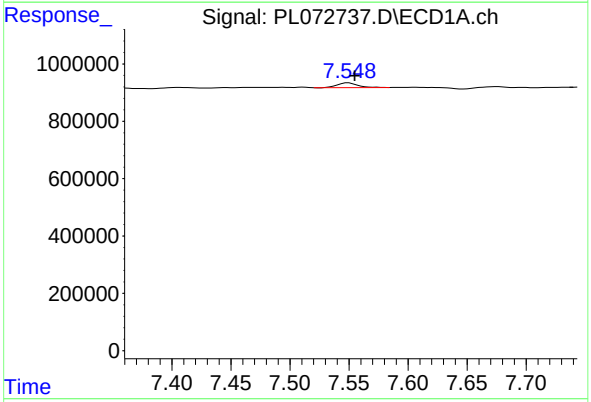
R.T.: 7.326 min
Delta R.T.: -0.013 min
Response: 50811
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



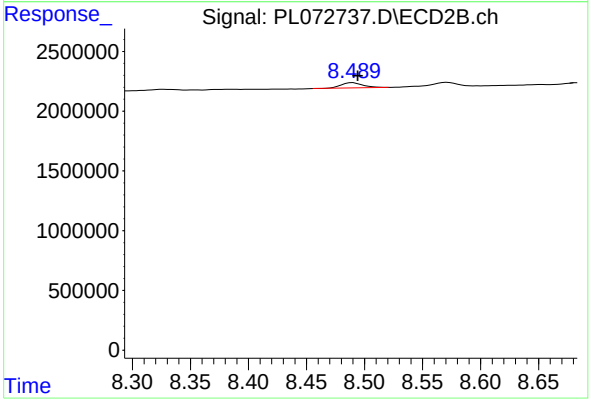
#11 alpha-Chlordane

R.T.: 8.327 min
Delta R.T.: 0.023 min
Response: 186003
Conc: 0.10 ng/ml



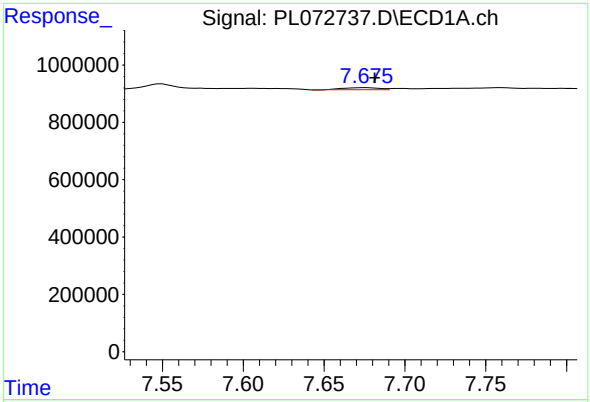
#12 4,4'-DDE

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 204049
Conc: 0.34 ng/ml



#12 4,4'-DDE

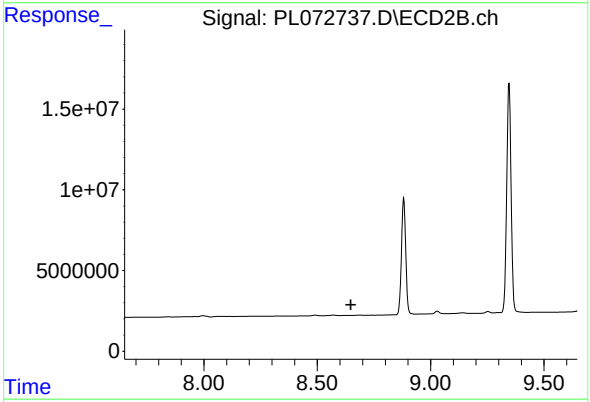
R.T.: 8.490 min
Delta R.T.: -0.004 min
Response: 574910
Conc: 0.31 ng/ml



#13 Dieldrin

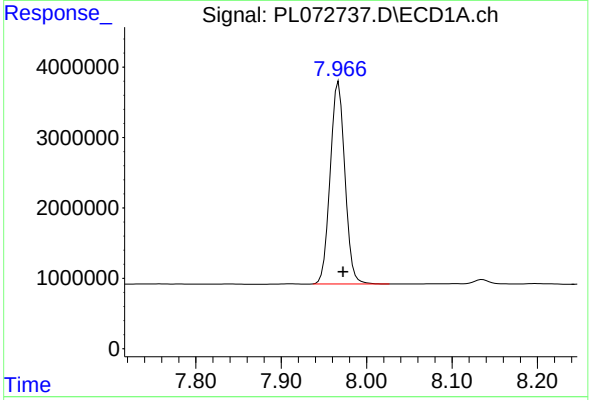
R.T.: 7.676 min
Delta R.T.: -0.005 min
Response: 114471
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



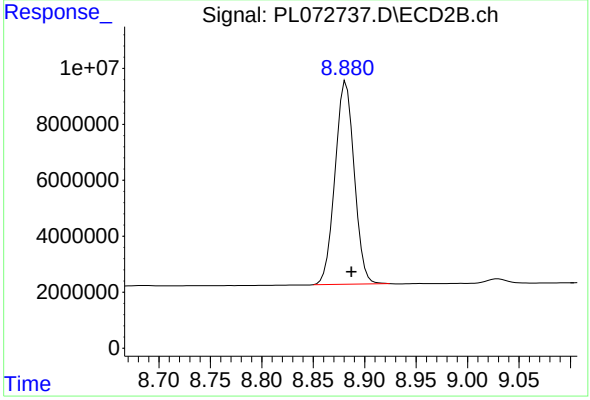
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 8.648 min
Response: 0
Conc: N.D.



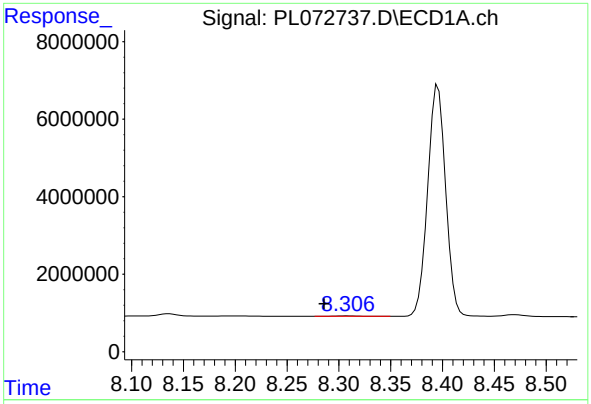
#14 Endrin

R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 34402298
Conc: 58.73 ng/ml



#14 Endrin

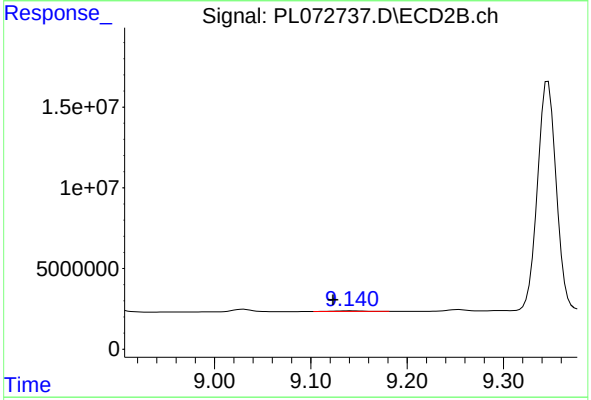
R.T.: 8.882 min
Delta R.T.: -0.005 min
Response: 94214759
Conc: 59.79 ng/ml



#15 Endosulfan II

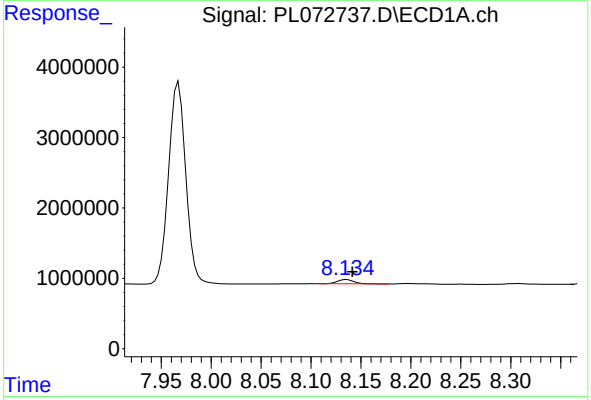
R.T.: 8.307 min
Delta R.T.: 0.022 min
Response: 169710
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



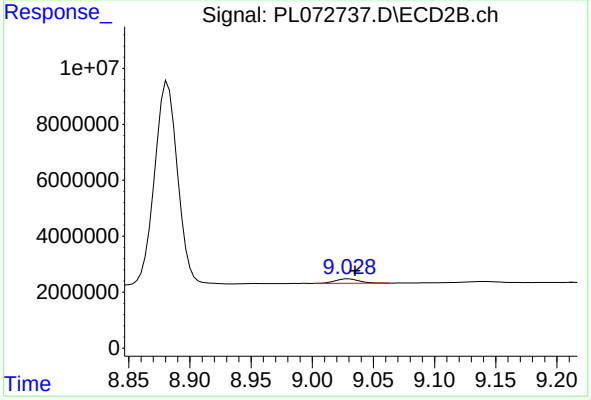
#15 Endosulfan II

R.T.: 9.141 min
Delta R.T.: 0.018 min
Response: 880957
Conc: 0.52 ng/ml



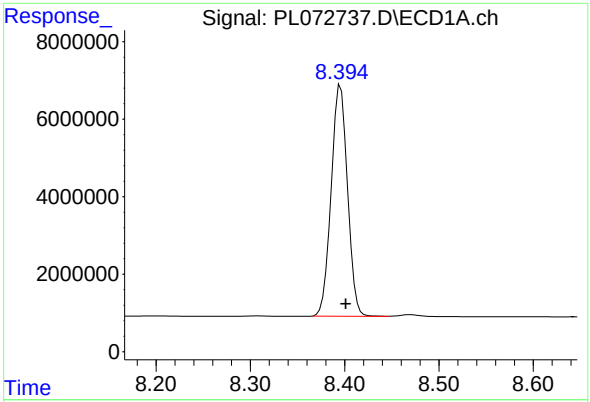
#16 4,4'-DDD

R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 700087
Conc: 1.46 ng/ml



#16 4,4'-DDD

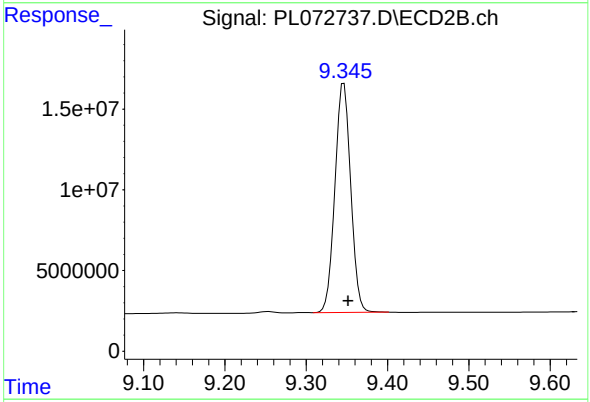
R.T.: 9.030 min
Delta R.T.: -0.005 min
Response: 2129422
Conc: 1.54 ng/ml



#17 4,4'-DDT

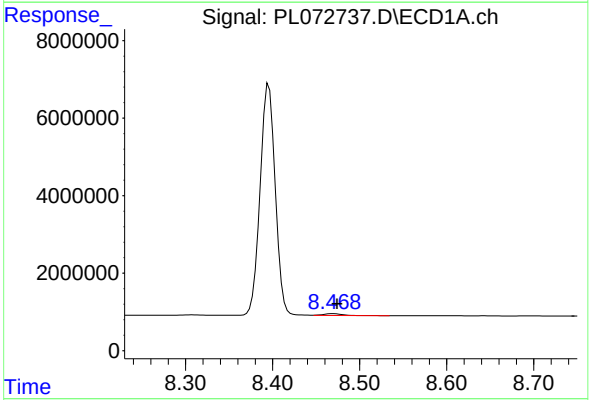
R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 71860257
Conc: 133.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



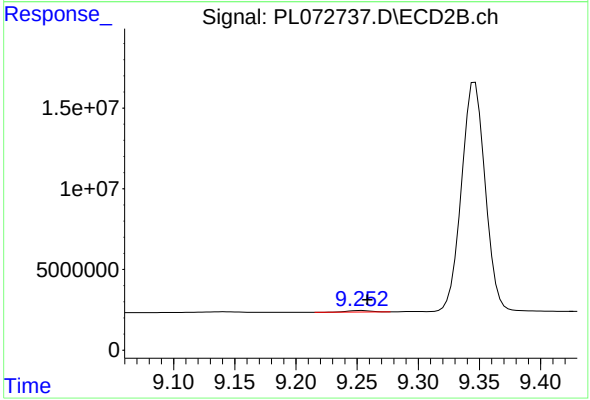
#17 4,4'-DDT

R.T.: 9.346 min
Delta R.T.: -0.005 min
Response: 191487326
Conc: 125.09 ng/ml



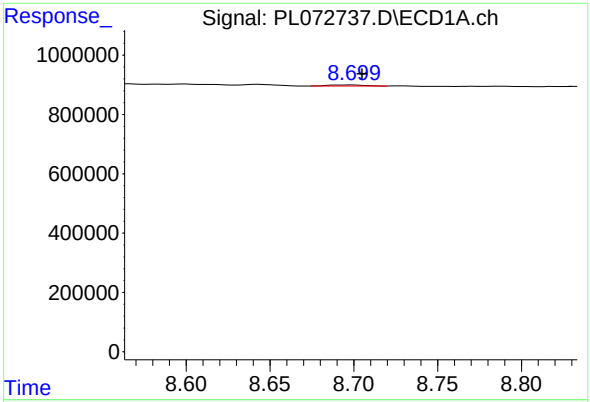
#18 Endrin aldehyde

R.T.: 8.470 min
Delta R.T.: -0.005 min
Response: 664893
Conc: 1.53 ng/ml



#18 Endrin aldehyde

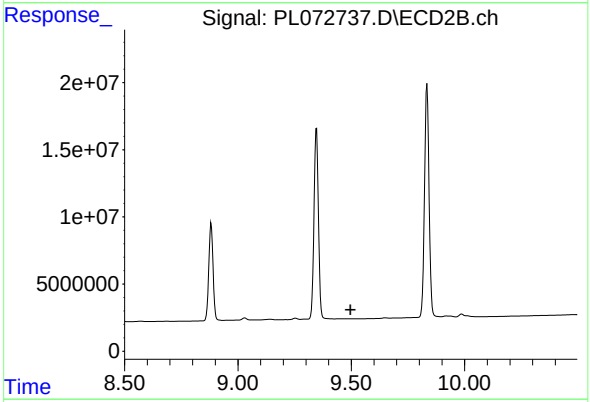
R.T.: 9.253 min
Delta R.T.: -0.005 min
Response: 1207139
Conc: 1.07 ng/ml



#19 Endosulfan Sulfate

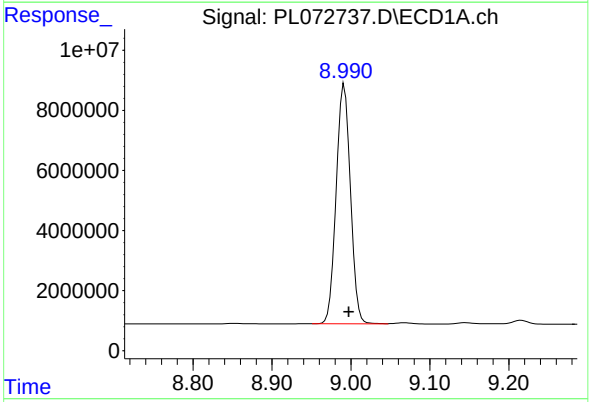
R.T.: 8.699 min
Delta R.T.: -0.006 min
Response: 52292
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



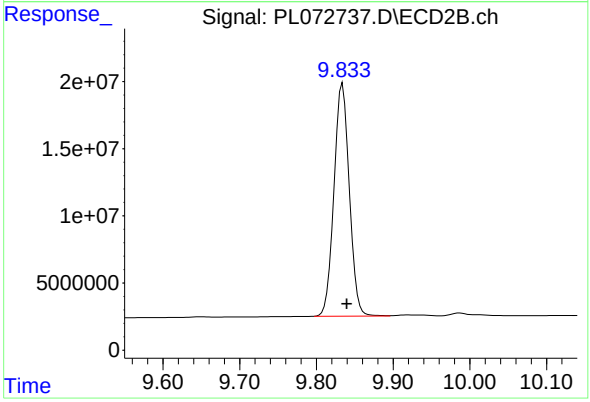
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 9.497 min
Response: 0
Conc: N.D.



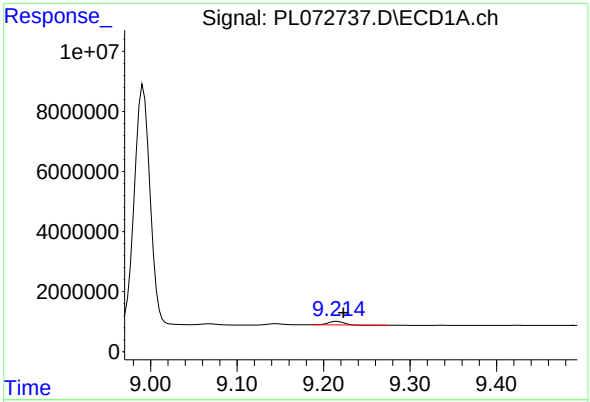
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.006 min
Response: 100209827
Conc: 284.99 ng/ml



#20 Methoxychlor

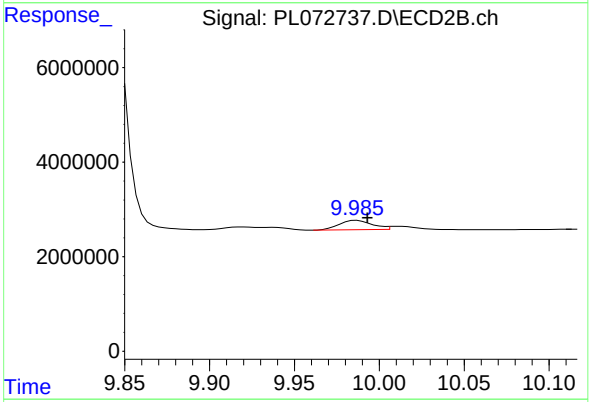
R.T.: 9.834 min
Delta R.T.: -0.005 min
Response: 240927205
Conc: 297.57 ng/ml



#21 Endrin ketone

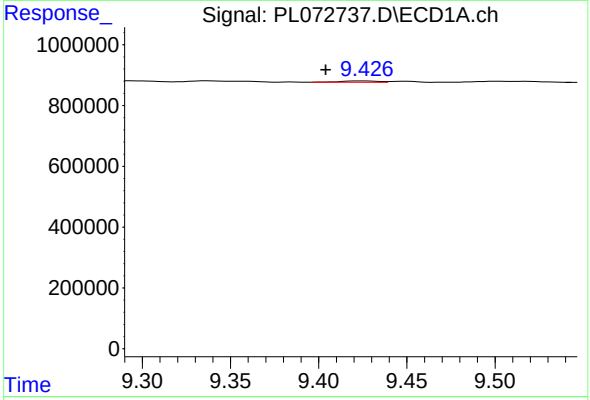
R.T.: 9.216 min
Delta R.T.: -0.007 min
Response: 1450814
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



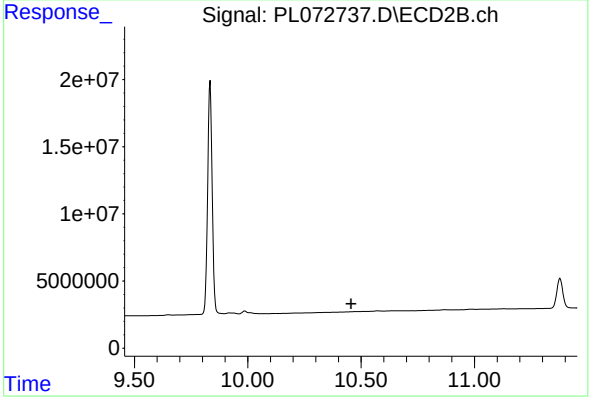
#21 Endrin ketone

R.T.: 9.987 min
Delta R.T.: -0.006 min
Response: 2712979
Conc: 1.70 ng/ml



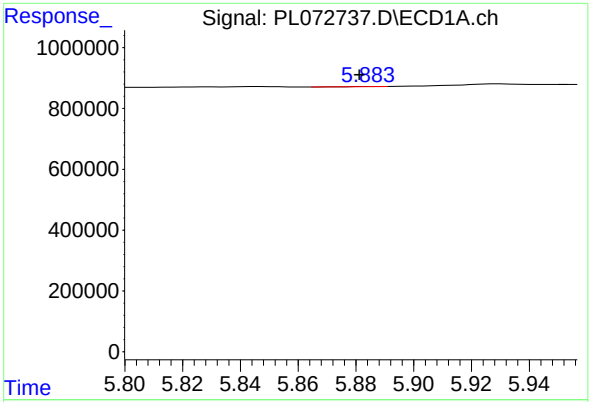
#22 Mirex

R.T.: 9.422 min
Delta R.T.: 0.018 min
Response: 70388
Conc: 0.12 ng/ml



#22 Mirex

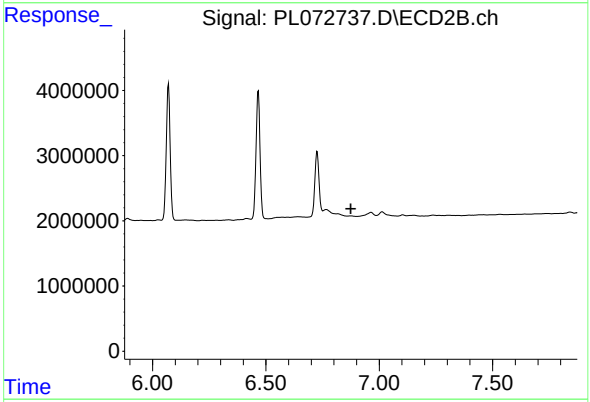
R.T.: 0.000 min
Exp R.T. : 10.456 min
Response: 0
Conc: N.D.



#23 Chlordane-1

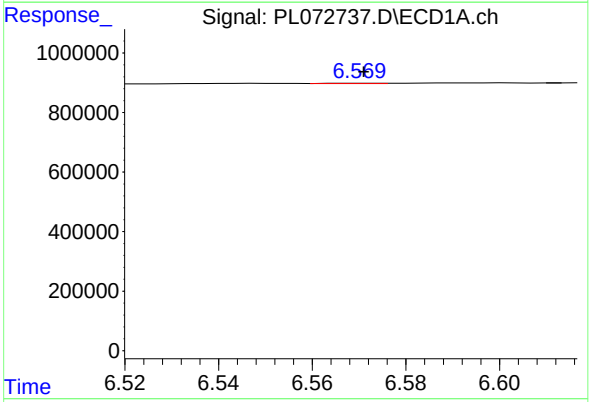
R.T.: 5.885 min
Delta R.T.: 0.004 min
Response: 3950
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



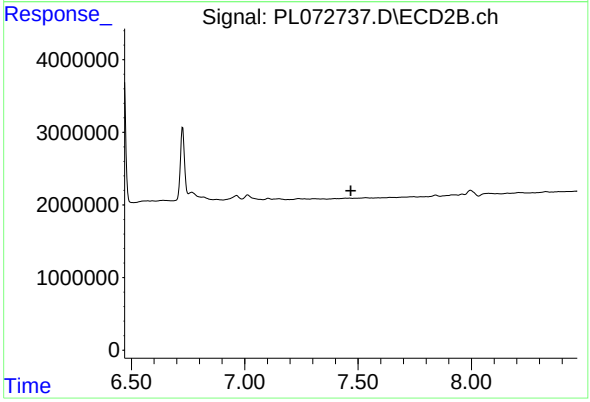
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 6.874 min
Response: 0
Conc: N.D.



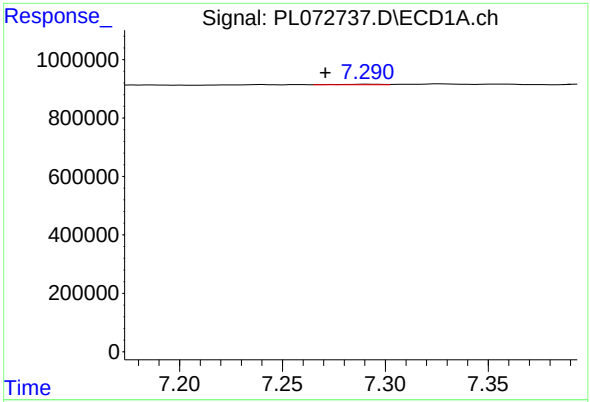
#24 Chlordane-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 8507
Conc: 0.34 ng/ml



#24 Chlordane-2

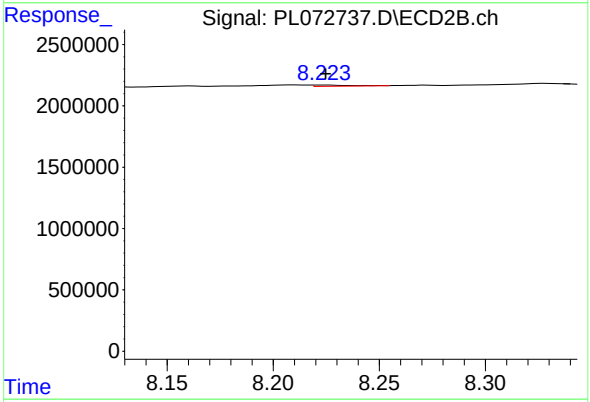
R.T.: 0.000 min
Exp R.T. : 7.467 min
Response: 0
Conc: N.D.



#25 Chlordane-3

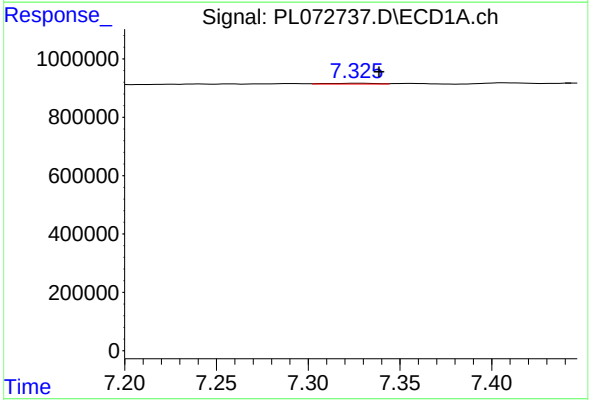
R.T.: 7.291 min
Delta R.T.: 0.021 min
Response: 24292
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



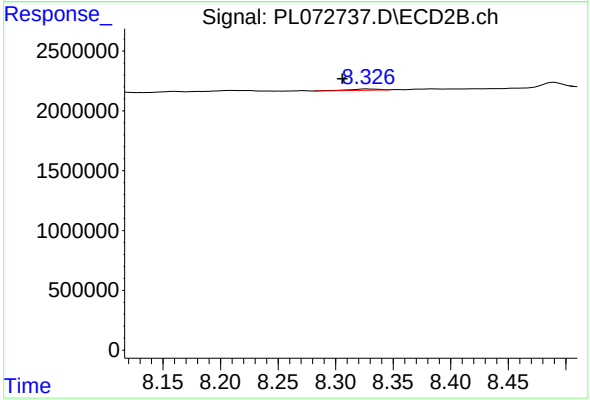
#25 Chlordane-3

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 114983
Conc: 0.38 ng/ml



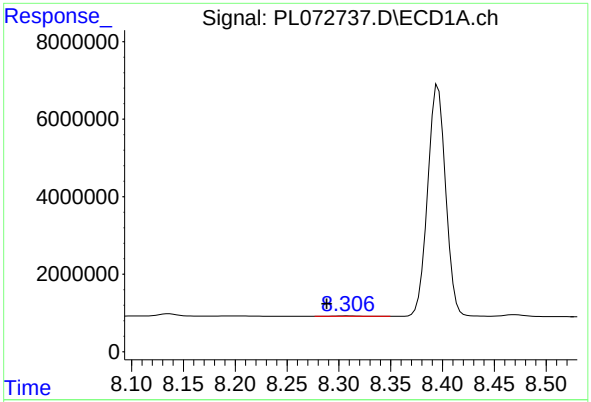
#26 Chlordane-4

R.T.: 7.326 min
Delta R.T.: -0.012 min
Response: 50811
Conc: 0.69 ng/ml



#26 Chlordane-4

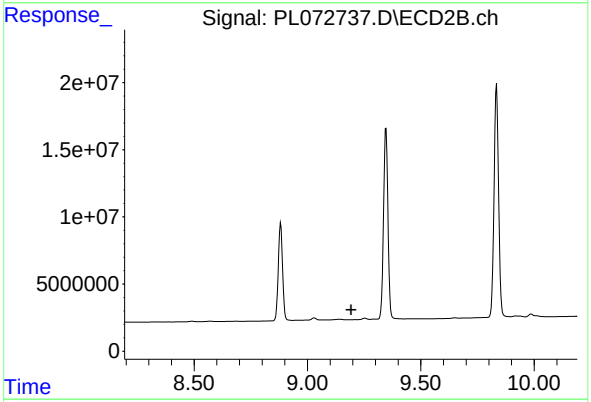
R.T.: 8.327 min
Delta R.T.: 0.022 min
Response: 186003
Conc: 0.52 ng/ml



#27 Chlordane-5

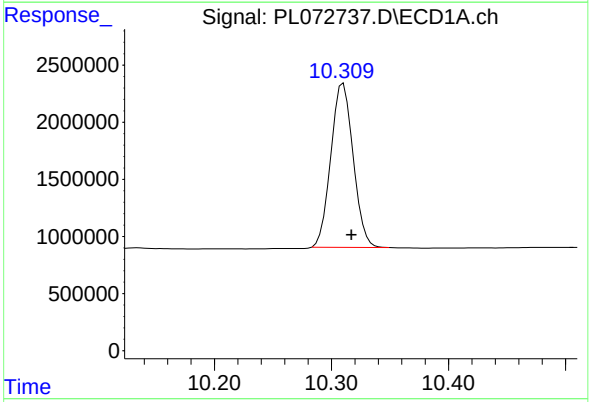
R.T.: 8.307 min
Delta R.T.: 0.019 min
Response: 169710
Conc: 6.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



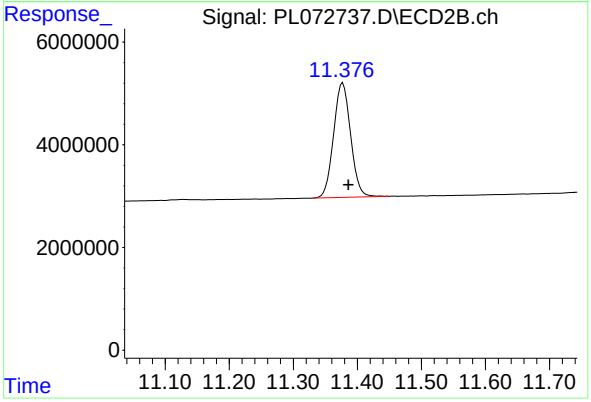
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 9.193 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.310 min
Delta R.T.: -0.007 min
Response: 19031447
Conc: 25.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.009 min
Response: 41156999
Conc: 25.95 ng/ml