Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021122\
Data File : PL072620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2022 16:07
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 12 00:43:00 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...	4.555	5.490	10865415	36847506	22.565	21.331	
28)	SA	Decachlor...	10.317	11.384	18439144	38182587	24.356	24.078	
		Target Compounds							
2)	A	alpha-BHC	5.262	6.072	6603974	24124137	10.016	10.074	
3)	MA	gamma-BHC...	5.685	6.469	6547658	23561024	10.418	10.233	
4)	MA	Heptachlor	6.069f	7.107	3646001	109688	4.995	0.048	#
5)	MB	Aldrin	6.392f	0.000	23057	0	0.036	N.D.	#
6)	B	beta-BHC	6.069	6.729	3646001	12456662	14.714	12.219	
7)	B	delta-BHC	6.329	7.015f	22726	362236	0.034	0.158	#
8)	B	Heptachlo...	7.011f	0.000	54635	0	0.087	N.D.	#
9)	A	Endosulfan I	7.410	8.332f	45514	204211	0.078	0.117	#
10)	B	gamma-Chl...	7.287f	8.206f	429429	738603	0.678	0.382	#
11)	B	alpha-Chl...	0.000	8.291	0	74477	N.D.	0.039	#
12)	B	4,4'-DDE	7.553	8.493	256846	417034	0.423	0.223	#
13)	MA	Dieldrin	7.701f	0.000	183429	0	0.290	N.D.	#
14)	MA	Endrin	7.971	8.886	37022306	93711114	63.199	59.475	
15)	B	Endosulfa...	8.260f	9.143f	96774	885902	0.159	0.527	#
16)	A	4,4'-DDD	8.140	9.035	359696	987981	0.748	0.714	
17)	MA	4,4'-DDT	8.401	9.351	74111319	184.1E6	137.732	120.255	
18)	B	Endrin al...	8.477	9.259	435734	332551	1.000	0.295	#
19)	B	Endosulfa...	8.708	0.000	133129	0	0.224	N.D.	#
20)	A	Methoxychlor	8.997	9.838	101.5E6	231.1E6	288.535	285.461	
21)	B	Endrin ke...	9.221	9.992	614345	1128091	0.894	0.708	
22)		Mirex	9.427f	0.000	51179	0	0.086	N.D.	#
23)		Chlordane-1	5.879	0.000	6627	0	0.357	N.D.	#
24)		Chlordane-2	6.582	0.000	28253	0	1.117	N.D.	#
25)		Chlordane-3	7.287f	8.206f	429429	738603	6.371	2.472	#
26)		Chlordane-4	0.000	8.291f	0	74477	N.D.	0.209	#
27)		Chlordane-5	8.312f	0.000	139342	0	5.431	N.D.	#

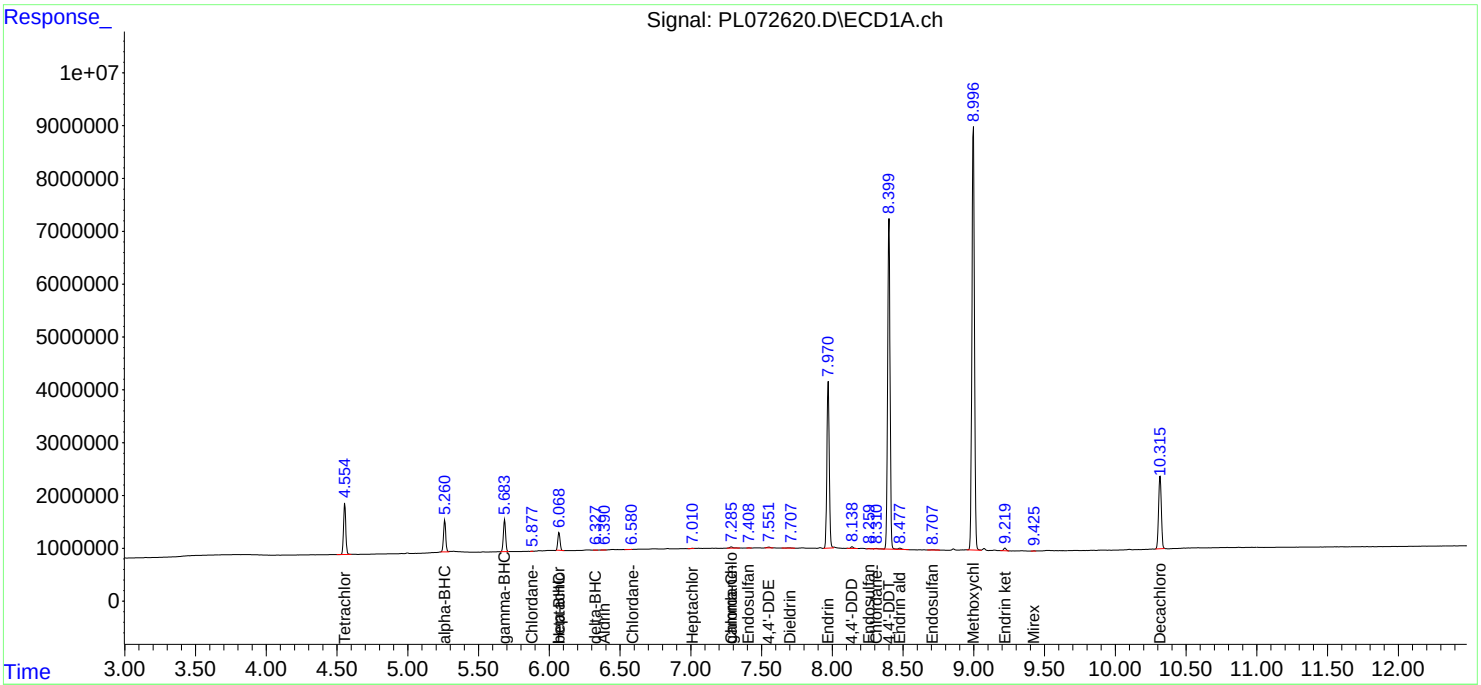
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

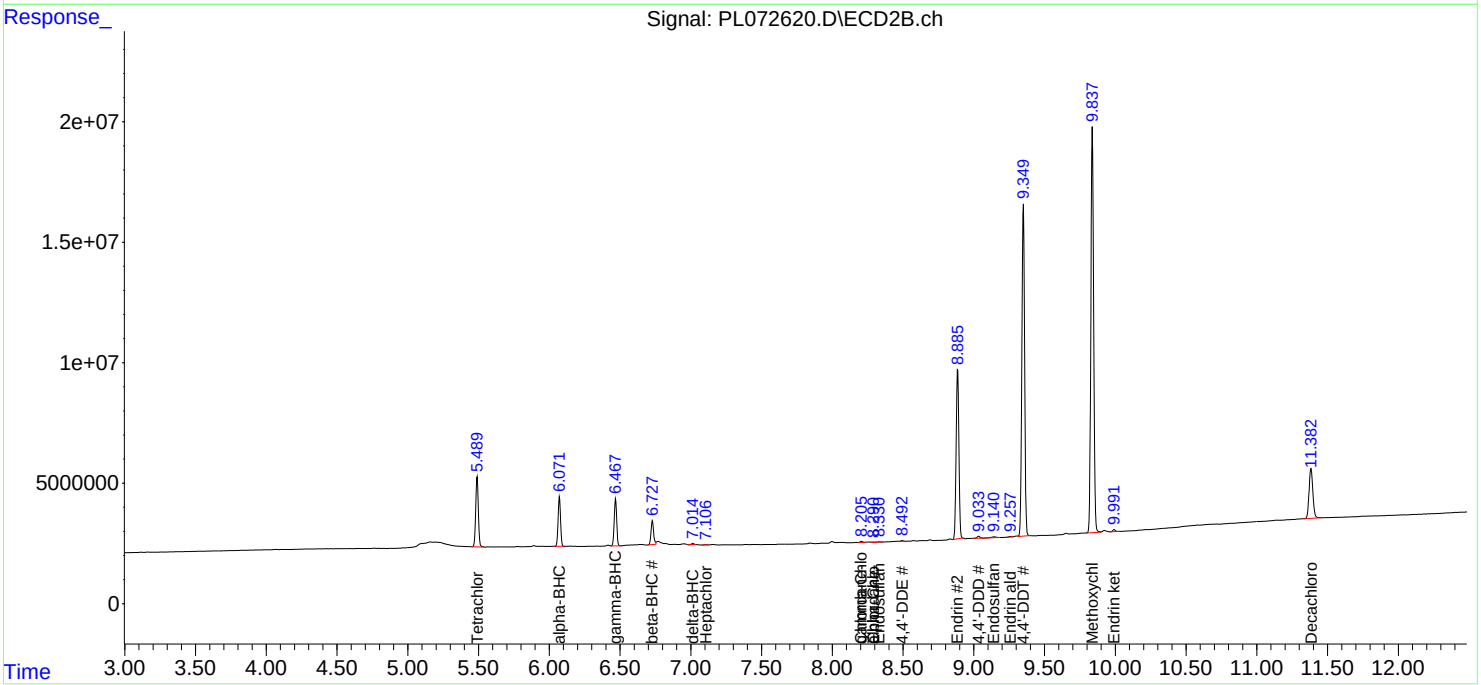
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021122\
Data File : PL072620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2022 16:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

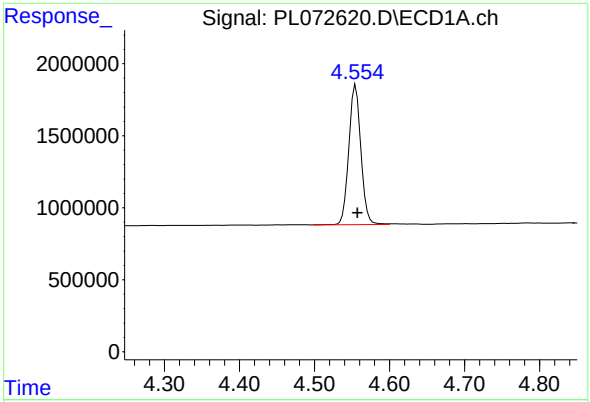
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:43:00 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



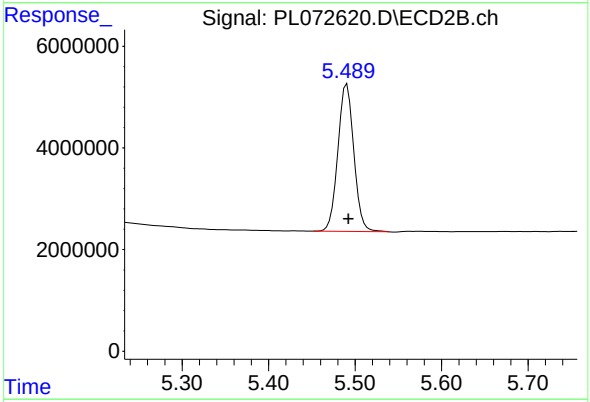




#1 Tetrachloro-m-xylene

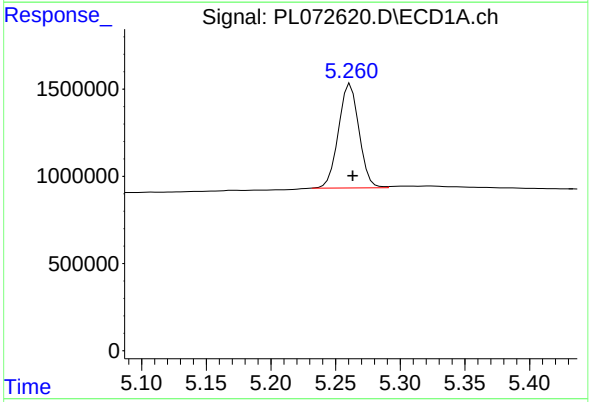
R.T.: 4.555 min
Delta R.T.: -0.002 min
Response: 10865415
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



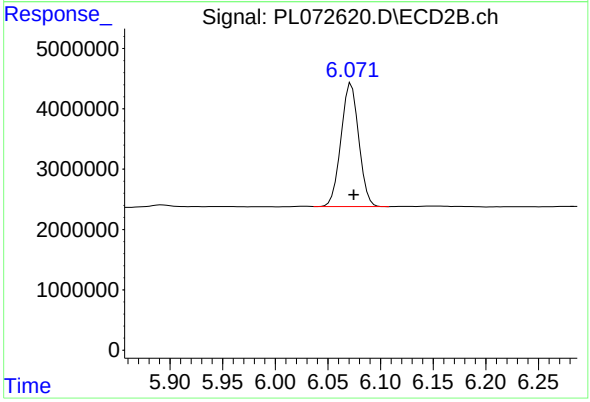
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 36847506
Conc: 21.33 ng/ml



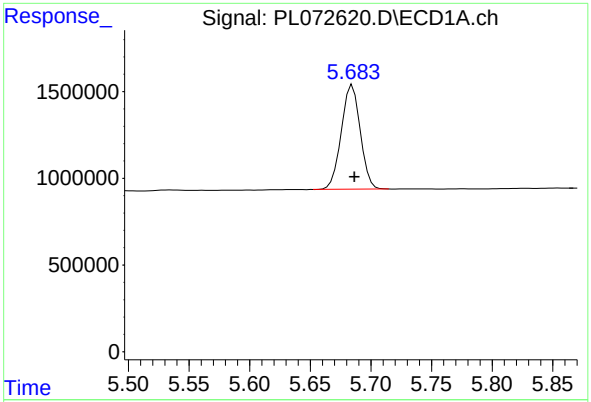
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 6603974
Conc: 10.02 ng/ml



#2 alpha-BHC

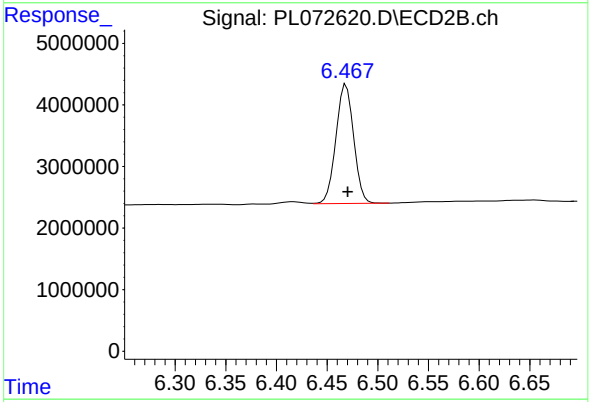
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 24124137
Conc: 10.07 ng/ml



#3 gamma-BHC (Lindane)

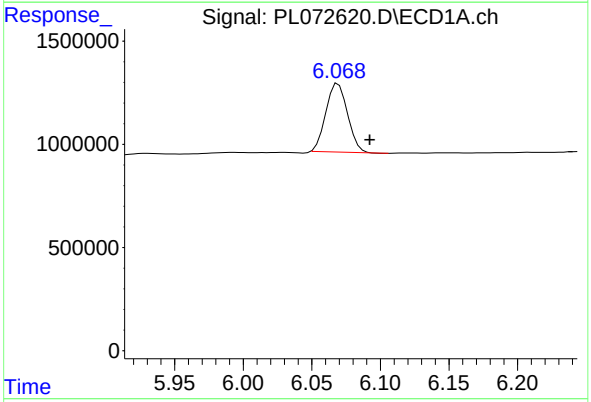
R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 6547658
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



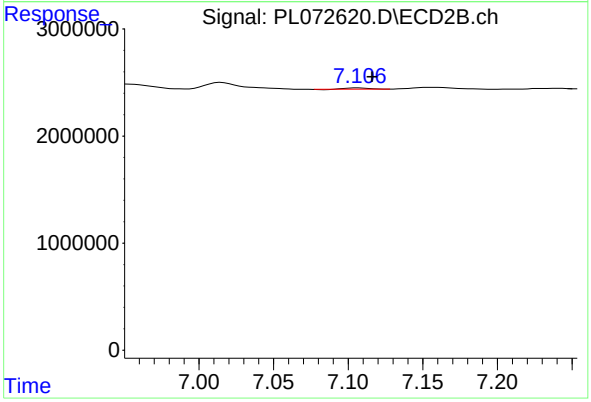
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 23561024
Conc: 10.23 ng/ml



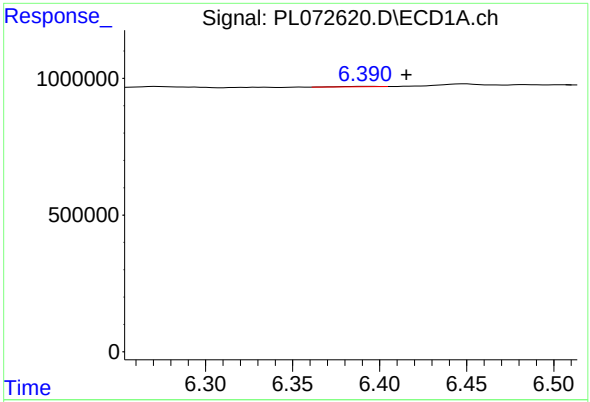
#4 Heptachlor

R.T.: 6.069 min
Delta R.T.: -0.023 min
Response: 3646001
Conc: 5.00 ng/ml



#4 Heptachlor

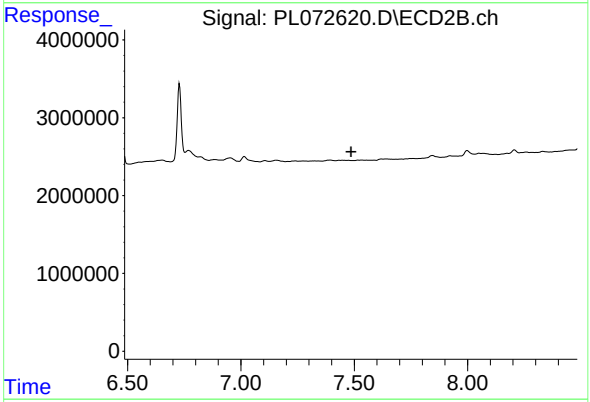
R.T.: 7.107 min
Delta R.T.: -0.009 min
Response: 109688
Conc: 0.05 ng/ml



#5 Aldrin

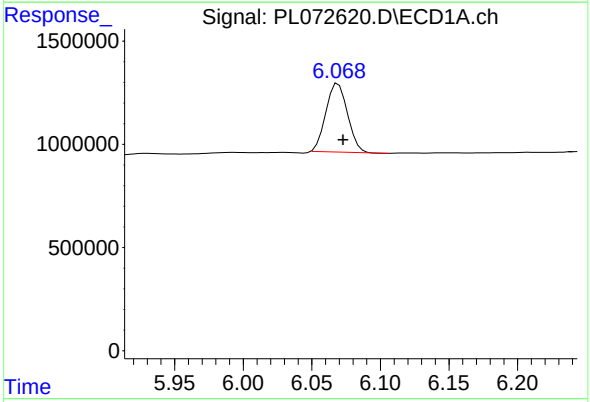
R.T.: 6.392 min
Delta R.T.: -0.024 min
Response: 23057
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



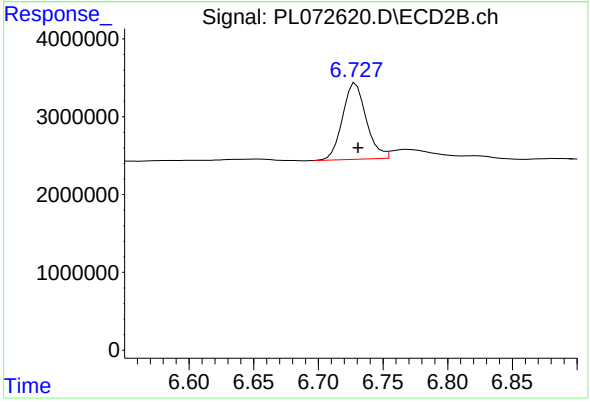
#5 Aldrin

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



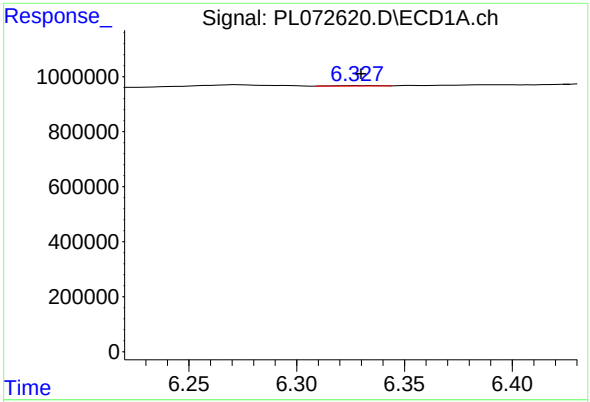
#6 beta-BHC

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 3646001
Conc: 14.71 ng/ml



#6 beta-BHC

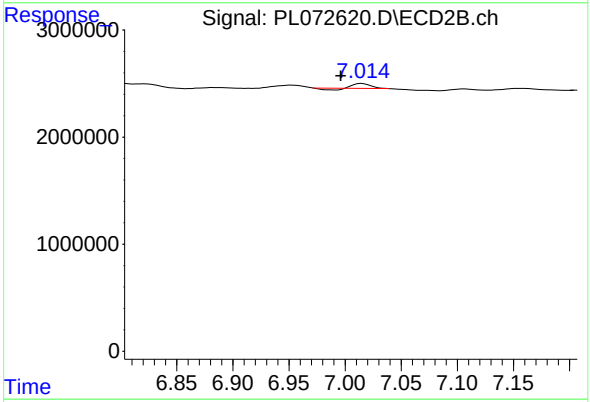
R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 12456662
Conc: 12.22 ng/ml



#7 delta-BHC

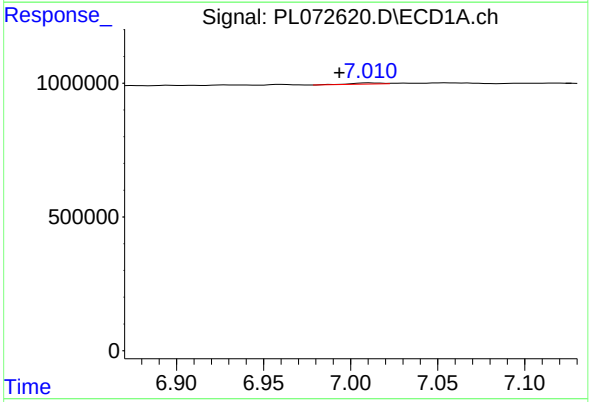
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 22726
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



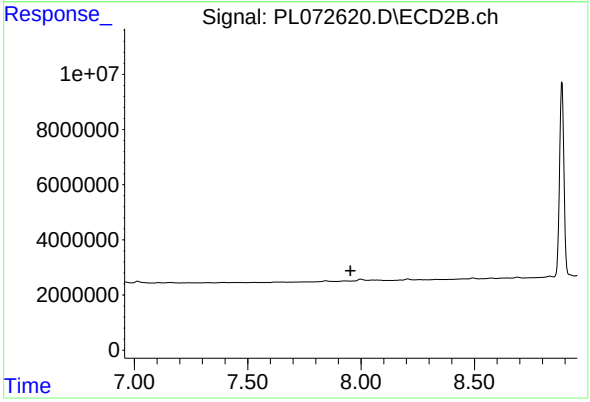
#7 delta-BHC

R.T.: 7.015 min
Delta R.T.: 0.019 min
Response: 362236
Conc: 0.16 ng/ml



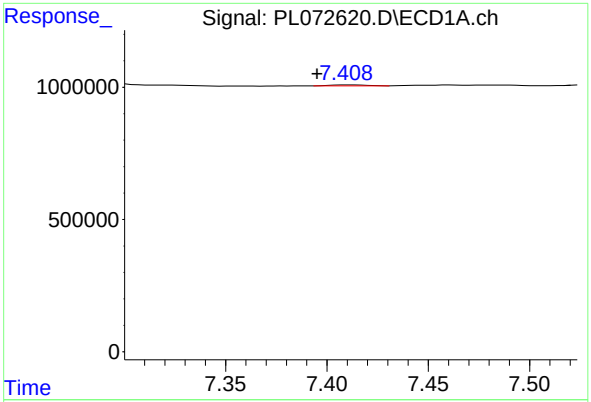
#8 Heptachlor epoxide

R.T.: 7.011 min
Delta R.T.: 0.017 min
Response: 54635
Conc: 0.09 ng/ml



#8 Heptachlor epoxide

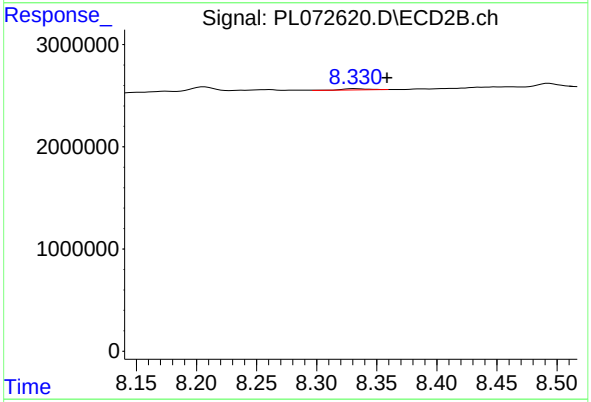
R.T.: 0.000 min
Exp R.T. : 7.954 min
Response: 0
Conc: N.D.



#9 Endosulfan I

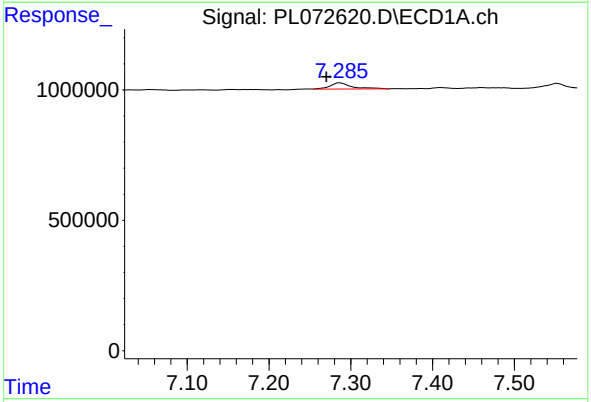
R.T.: 7.410 min
Delta R.T.: 0.015 min
Response: 45514
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



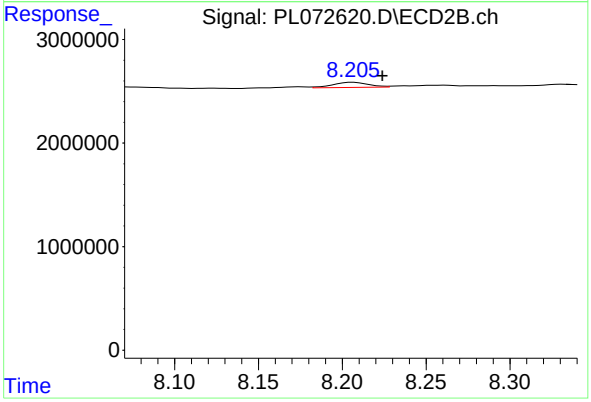
#9 Endosulfan I

R.T.: 8.332 min
Delta R.T.: -0.027 min
Response: 204211
Conc: 0.12 ng/ml



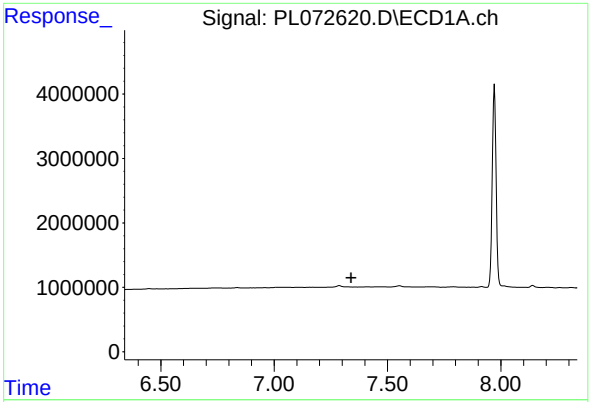
#10 gamma-Chlordane

R.T.: 7.287 min
Delta R.T.: 0.017 min
Response: 429429
Conc: 0.68 ng/ml



#10 gamma-Chlordane

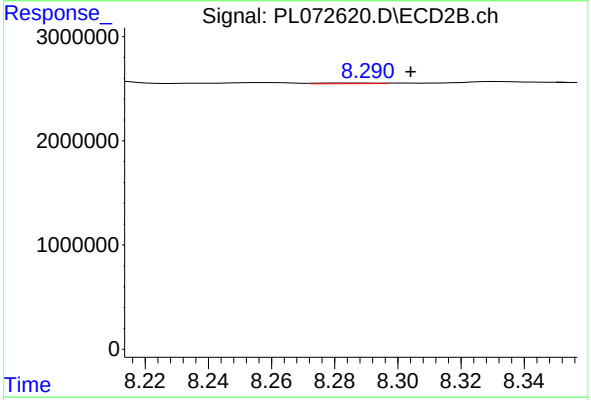
R.T.: 8.206 min
Delta R.T.: -0.018 min
Response: 738603
Conc: 0.38 ng/ml



#11 alpha-Chlordane

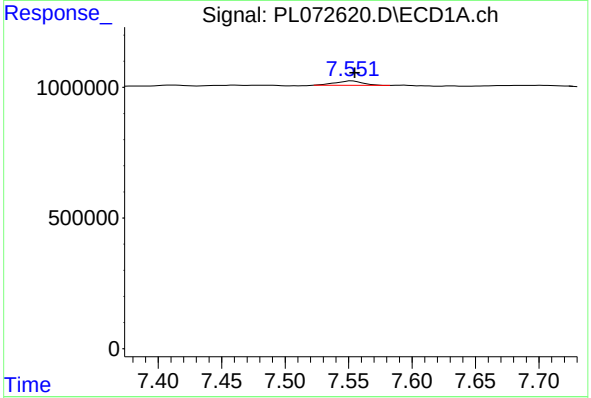
R.T.: 0.000 min
Exp R.T. : 7.340 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



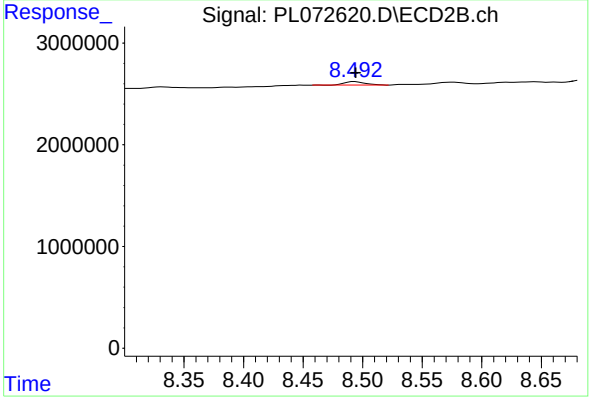
#11 alpha-Chlordane

R.T.: 8.291 min
Delta R.T.: -0.014 min
Response: 74477
Conc: 0.04 ng/ml



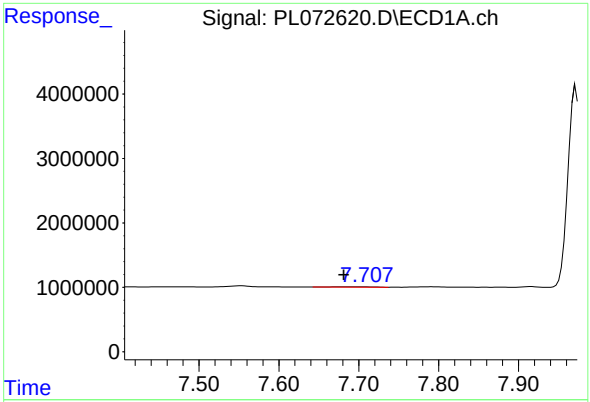
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 256846
Conc: 0.42 ng/ml



#12 4,4'-DDE

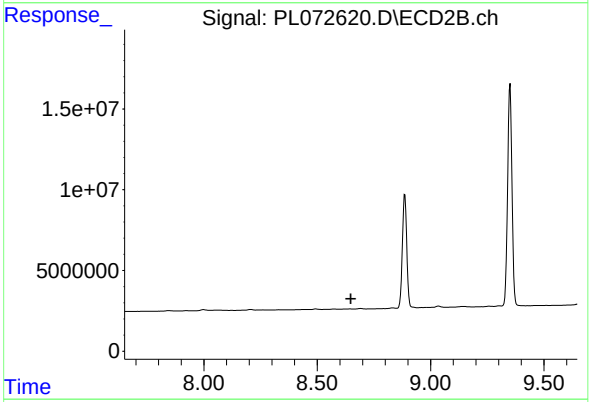
R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 417034
Conc: 0.22 ng/ml



#13 Dieldrin

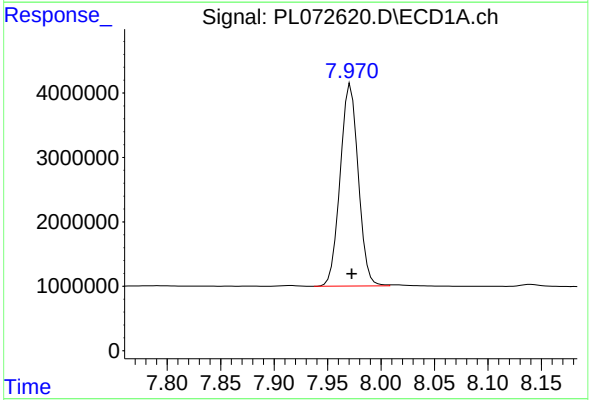
R.T.: 7.701 min
Delta R.T.: 0.019 min
Response: 183429
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



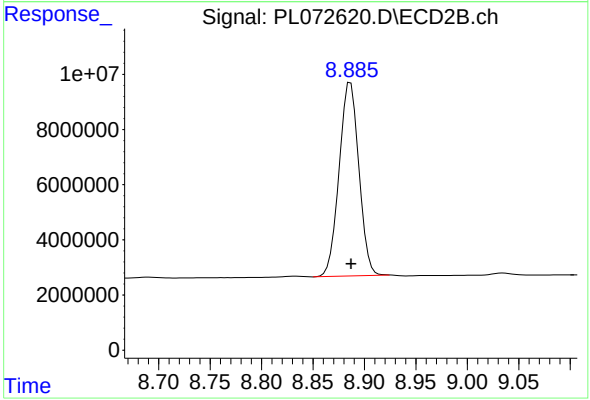
#13 Dieldrin

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



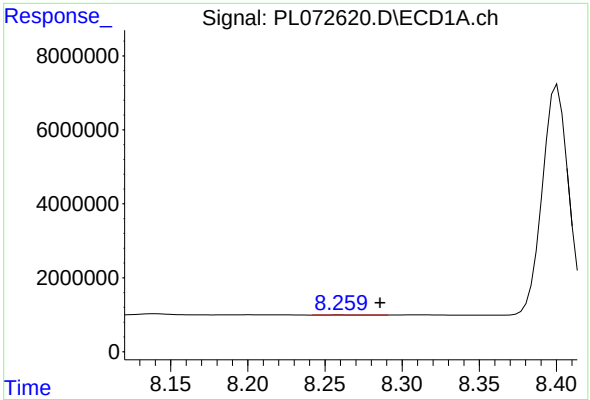
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.001 min
Response: 37022306
Conc: 63.20 ng/ml



#14 Endrin

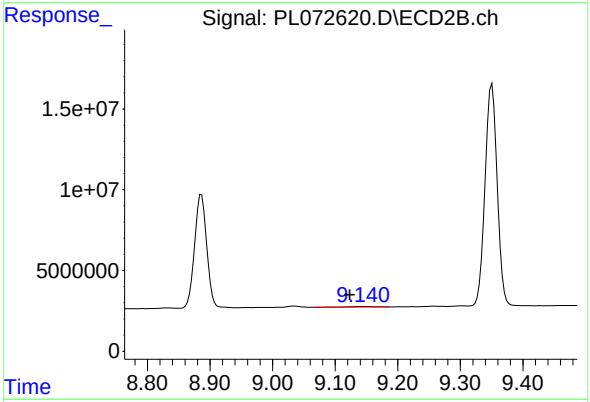
R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 93711114
Conc: 59.47 ng/ml



#15 Endosulfan II

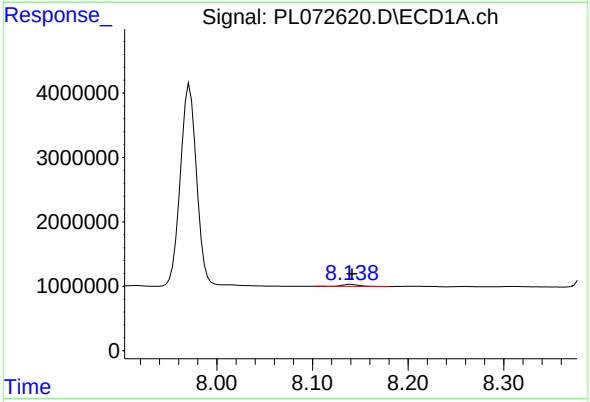
R.T.: 8.260 min
Delta R.T.: -0.026 min
Response: 96774
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



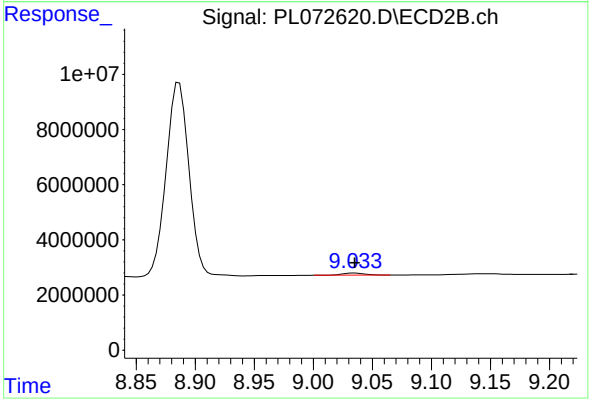
#15 Endosulfan II

R.T.: 9.143 min
Delta R.T.: 0.020 min
Response: 885902
Conc: 0.53 ng/ml



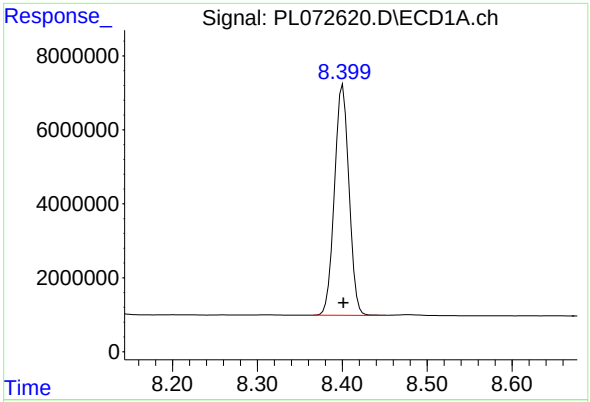
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 359696
Conc: 0.75 ng/ml



#16 4,4'-DDD

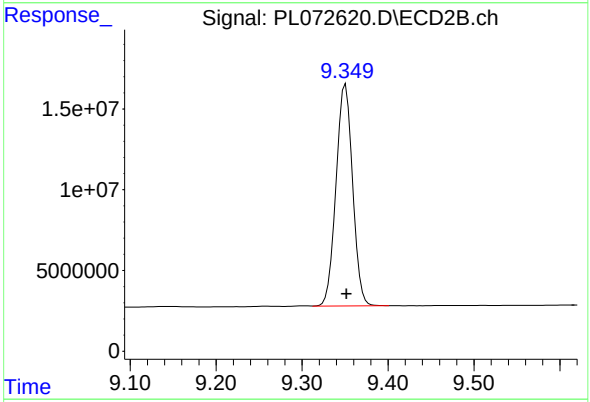
R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 987981
Conc: 0.71 ng/ml



#17 4,4'-DDT

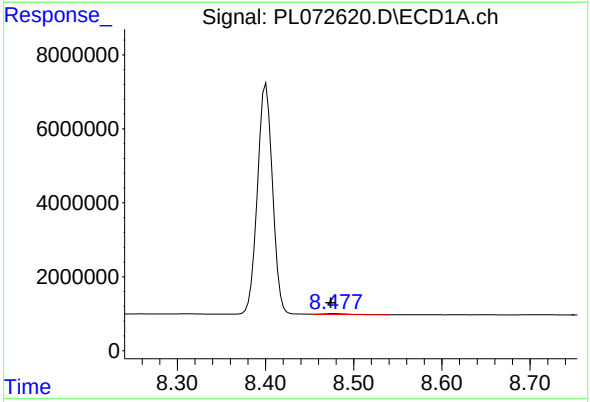
R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 74111319
Conc: 137.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



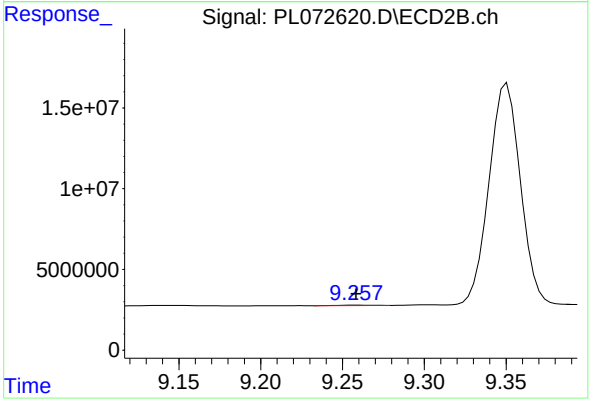
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: 0.000 min
Response: 184092266
Conc: 120.25 ng/ml



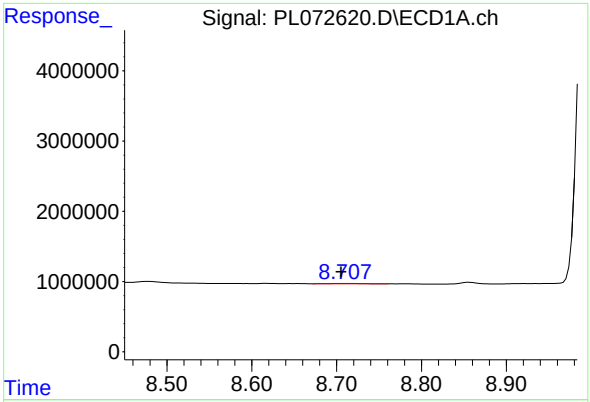
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.003 min
Response: 435734
Conc: 1.00 ng/ml



#18 Endrin aldehyde

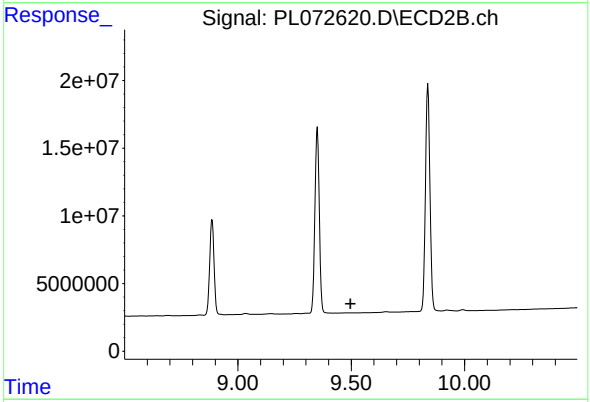
R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 332551
Conc: 0.30 ng/ml



#19 Endosulfan Sulfate

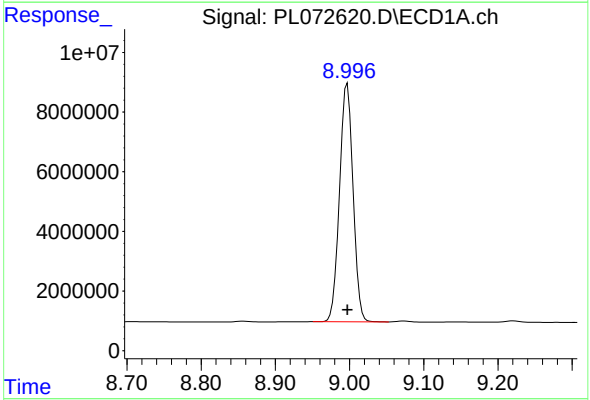
R.T.: 8.708 min
Delta R.T.: 0.003 min
Response: 133129
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



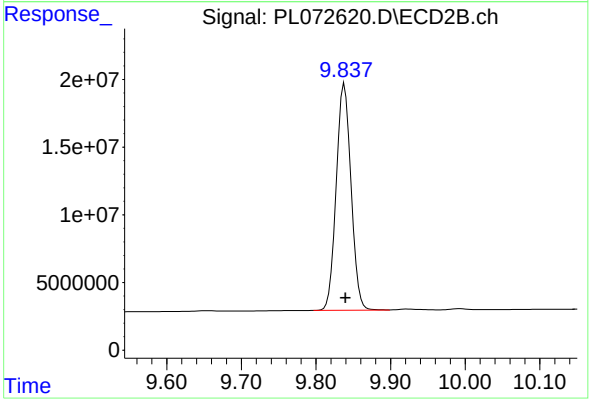
#19 Endosulfan Sulfate

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



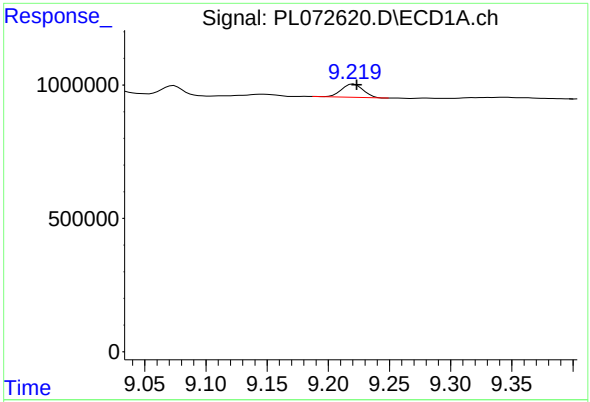
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 101455882
Conc: 288.54 ng/ml



#20 Methoxychlor

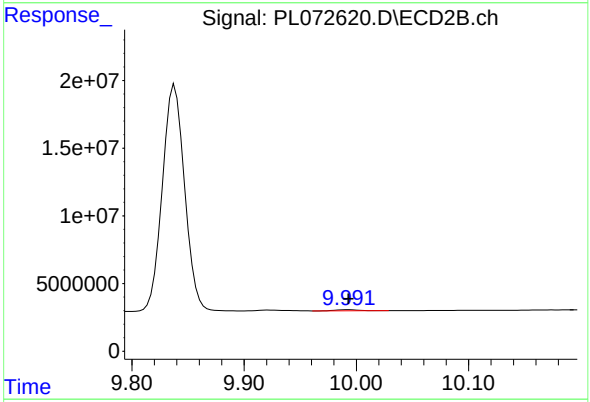
R.T.: 9.838 min
Delta R.T.: -0.001 min
Response: 231124228
Conc: 285.46 ng/ml



#21 Endrin ketone

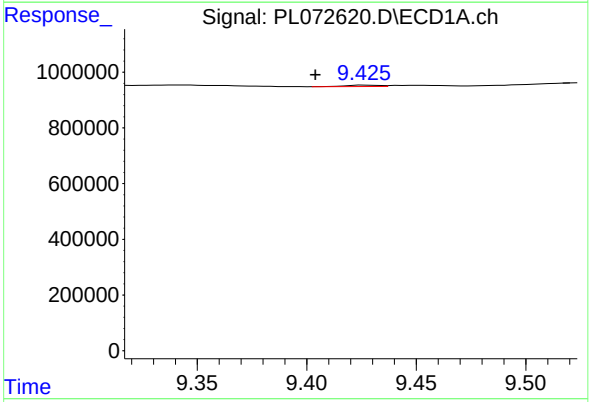
R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 614345
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



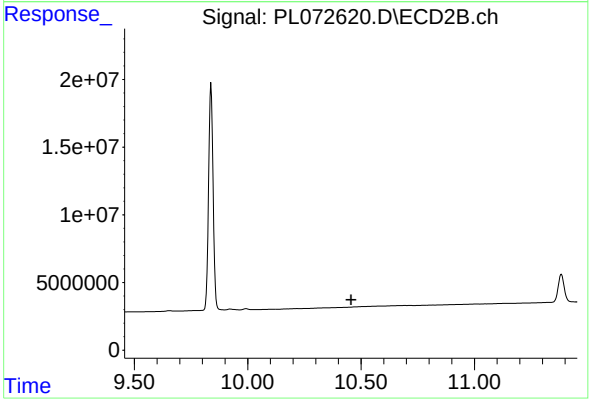
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: 0.000 min
Response: 1128091
Conc: 0.71 ng/ml



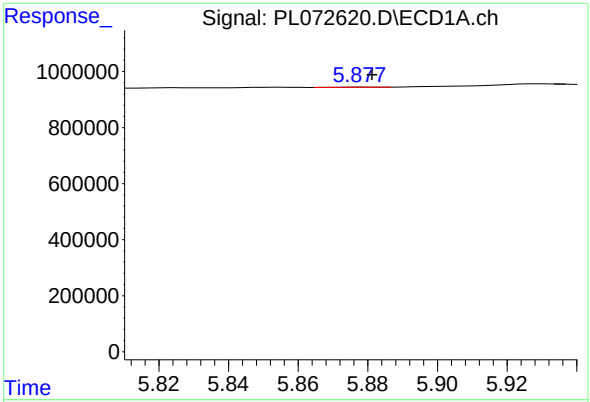
#22 Mirex

R.T.: 9.427 min
Delta R.T.: 0.023 min
Response: 51179
Conc: 0.09 ng/ml



#22 Mirex

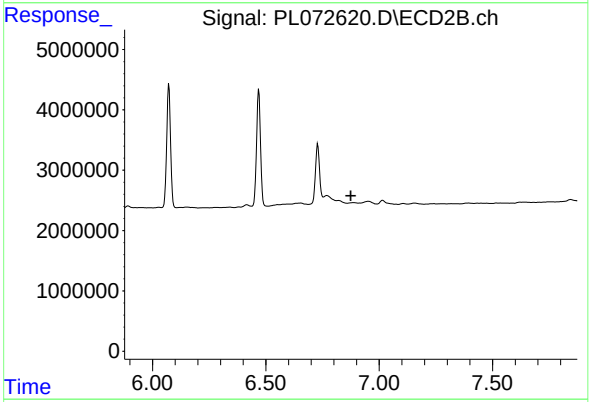
R.T.: 0.000 min
Exp R.T. : 10.456 min
Response: 0
Conc: N.D.



#23 Chlordane-1

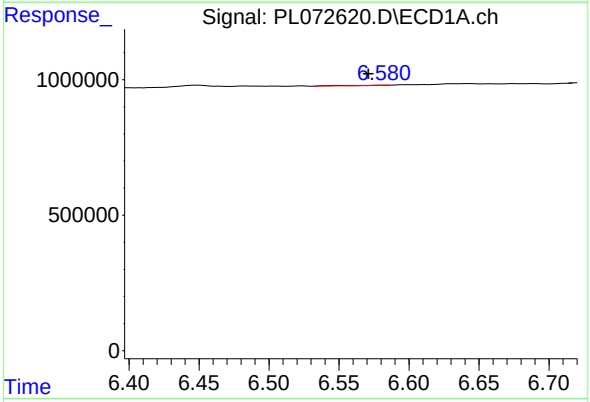
R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 6627
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



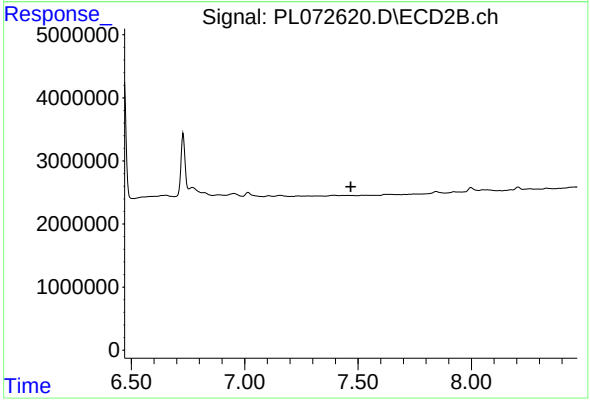
#23 Chlordane-1

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



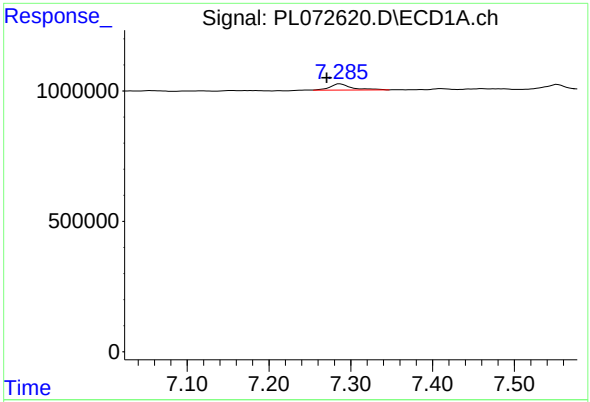
#24 Chlordane-2

R.T.: 6.582 min
Delta R.T.: 0.011 min
Response: 28253
Conc: 1.12 ng/ml



#24 Chlordane-2

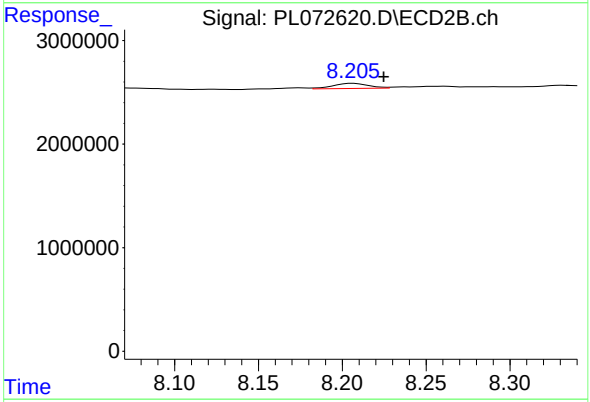
R.T.: 0.000 min
Exp R.T. : 7.467 min
Response: 0
Conc: N.D.



#25 Chlordane-3

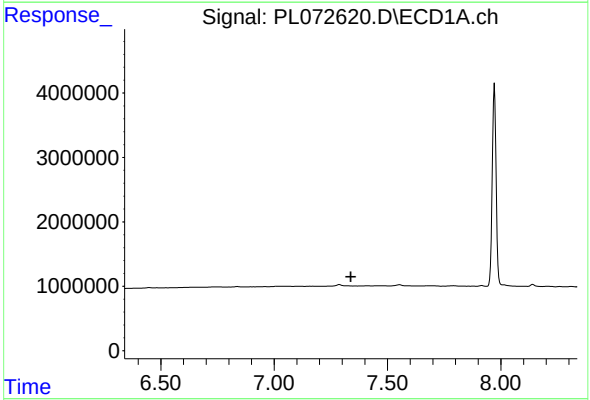
R.T.: 7.287 min
Delta R.T.: 0.016 min
Response: 429429
Conc: 6.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



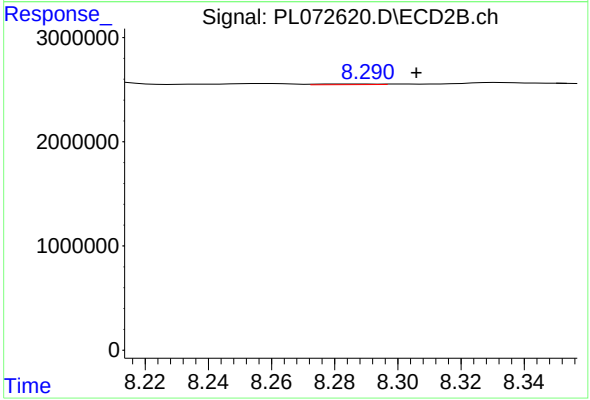
#25 Chlordane-3

R.T.: 8.206 min
Delta R.T.: -0.018 min
Response: 738603
Conc: 2.47 ng/ml



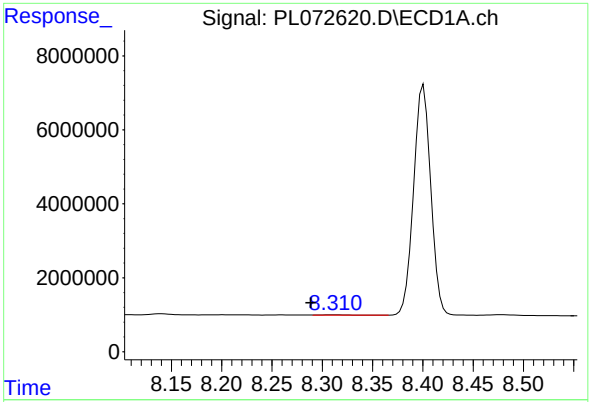
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 7.339 min
Response: 0
Conc: N.D.



#26 Chlordane-4

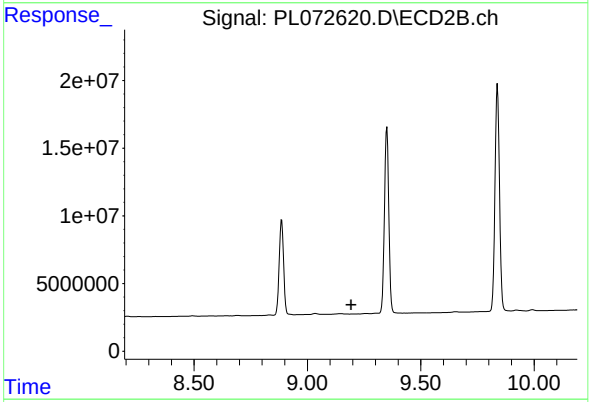
R.T.: 8.291 min
Delta R.T.: -0.015 min
Response: 74477
Conc: 0.21 ng/ml



#27 Chlordane-5

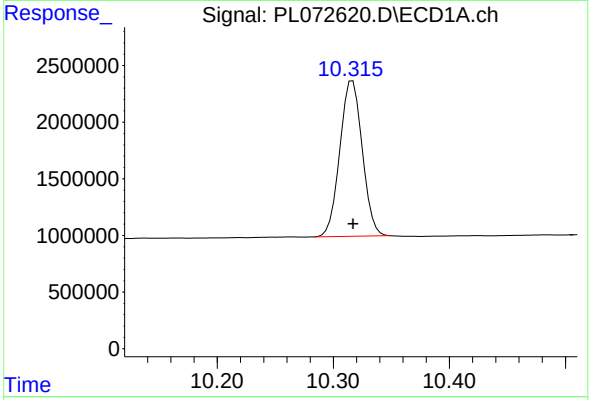
R.T.: 8.312 min
Delta R.T.: 0.023 min
Response: 139342
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



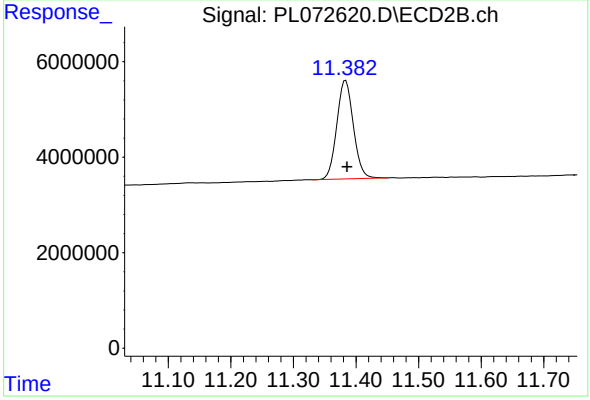
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: 0.000 min
Response: 18439144
Conc: 24.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 38182587
Conc: 24.08 ng/ml