Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
Data File : PL080883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2023 09:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 20:06:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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...	3.352	2.689	44672631	42952314	20.828	19.555	
28)	SA Decachlor...	8.792	7.835	34403508	41661424	19.651	17.486	
	Target Compounds							
2)	A alpha-BHC	3.801	3.189	30817136	27805113	9.728	8.743	
3)	MA gamma-BHC...	4.129	3.517	30014518	26828443	10.210	8.981	
4)	MA Heptachlor	0.000	3.874	0	47953	N.D.	0.015	#
5)	MB Aldrin	5.050	4.146	51794	391896	0.019	0.133	#
6)	B beta-BHC	4.326	3.814	15079677	13794896	11.047	10.336	
7)	B delta-BHC	4.568	4.043	1155008	206849	0.399	0.072	#
8)	B Heptachlo...	0.000	4.646	0	8037	N.D.	0.003	#
9)	A Endosulfan I	5.864	5.018	80966	61100	0.034	0.023	#
10)	B gamma-Chl...	5.714f	4.901	191815	294640	0.076	0.104	#
11)	B alpha-Chl...	0.000	4.938f	0	196566	N.D.	0.069	#
12)	B 4,4'-DDE	5.989	5.148	316364	329722	0.142	0.140	
13)	MA Dieldrin	0.000	5.269	0	54376	N.D.	0.020	#
14)	MA Endrin	6.360	5.549	96172061	98979899	44.469	42.642	
15)	B Endosulfa...	6.568	5.865f	2686666	-115277	1.172	N.D.	#
16)	A 4,4'-DDD	6.502	5.701	7193706	6487894	3.927	3.452	
17)	MA 4,4'-DDT	6.815	5.953	183.8E6	194.1E6	88.486	92.351	
18)	B Endrin al...	6.709	6.025	2820968	4353214	1.696	2.384	#
19)	B Endosulfa...	6.921f	6.240	421350	369519	0.204	0.159	
20)	A Methoxychlor	7.294	6.531	242.2E6	253.8E6	219.560	209.189	
21)	B Endrin ke...	7.423	6.751	7102433	8719665	3.219	3.415	
22)	Mirex	0.000	6.947	0	15192	N.D.	0.007	#
23)	Chlordane-1	0.000	3.691	0	23265	N.D.	0.286	#
24)	Chlordane-2	5.050f	4.257	51794	12639	0.537	0.140	#
25)	Chlordane-3	5.714f	4.901	191815	294640	0.568	1.117	#
26)	Chlordane-4	0.000	4.938f	0	196566	N.D.	0.730	#
27)	Chlordane-5	0.000	5.655f	0	335441	N.D.	4.714	#

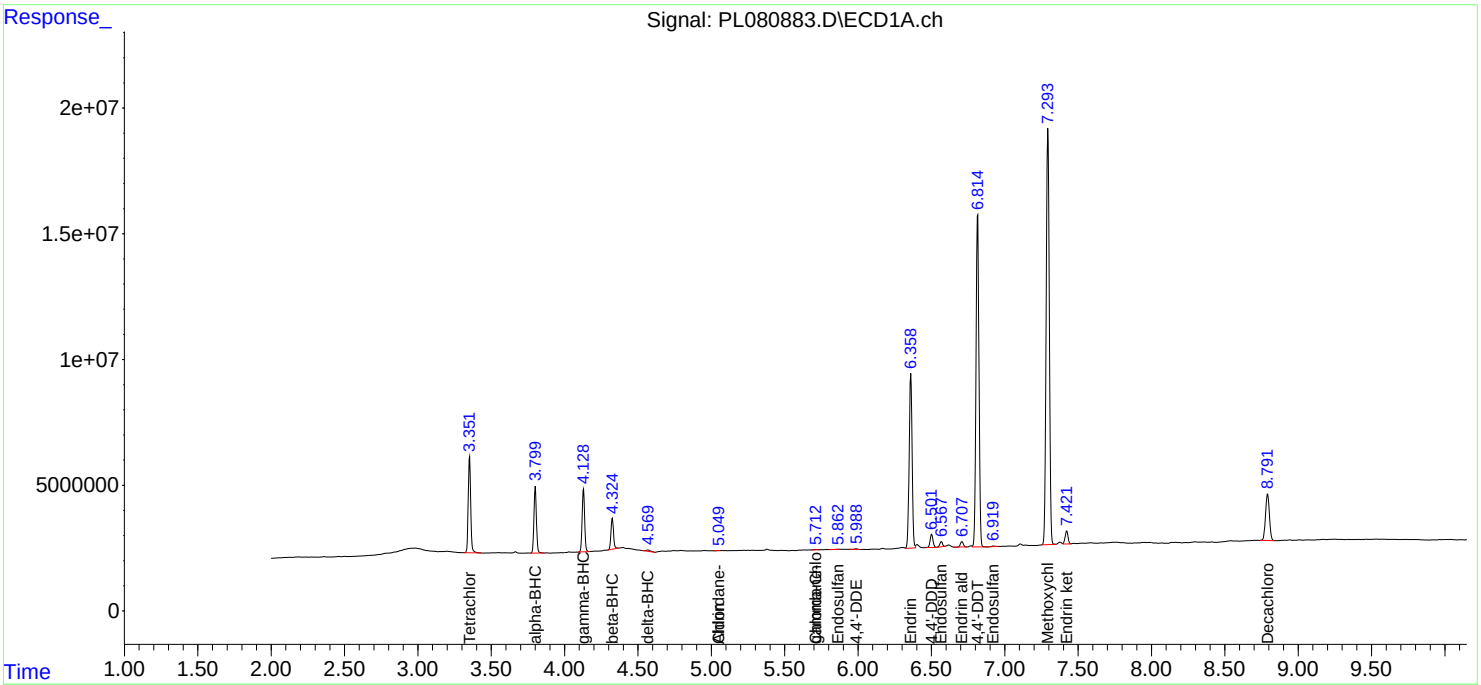
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

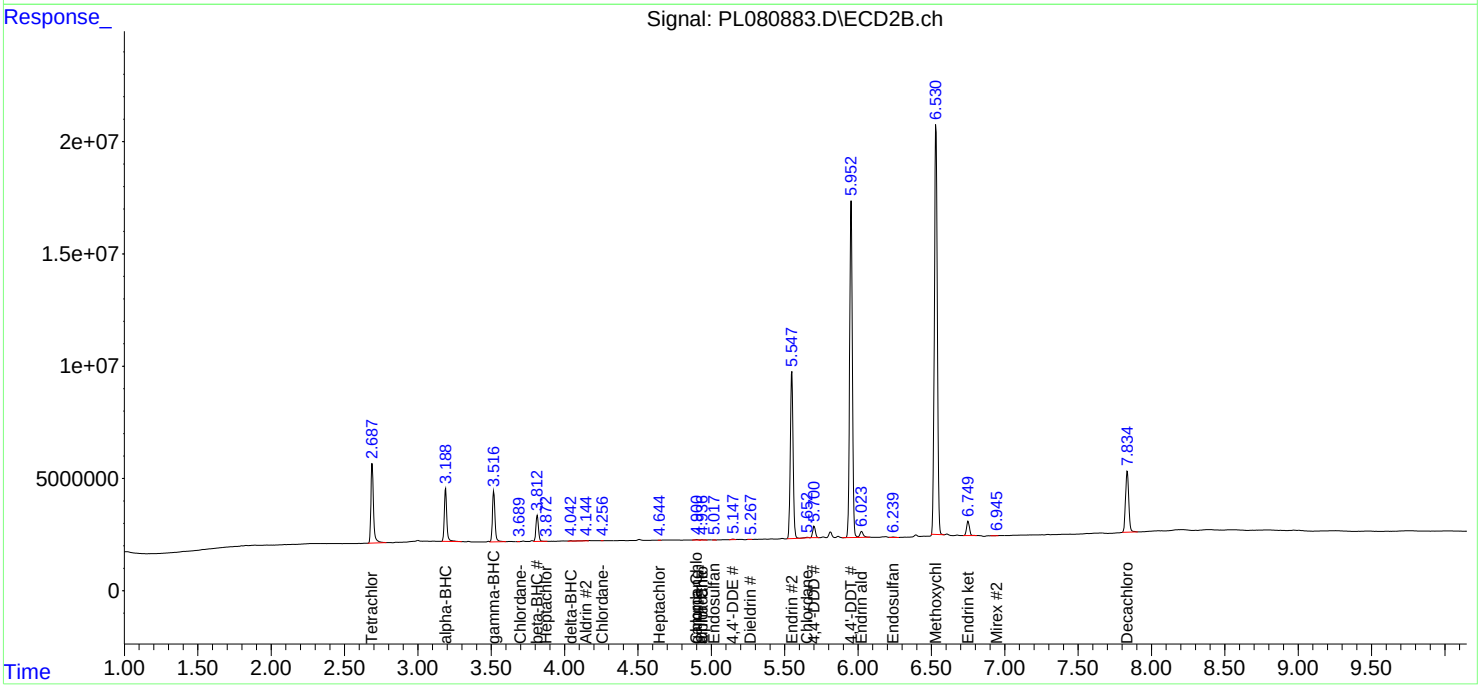
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021323\
Data File : PL080883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2023 09:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

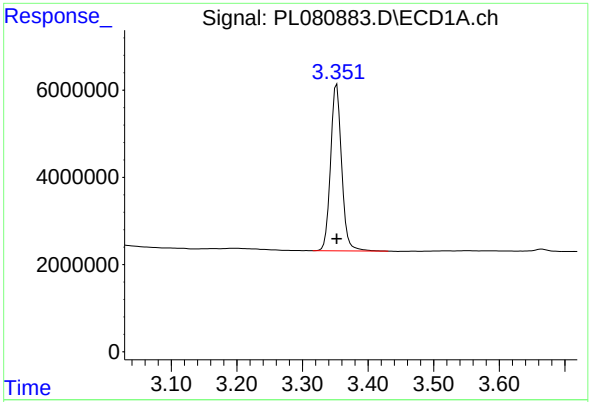
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 13 20:06:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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



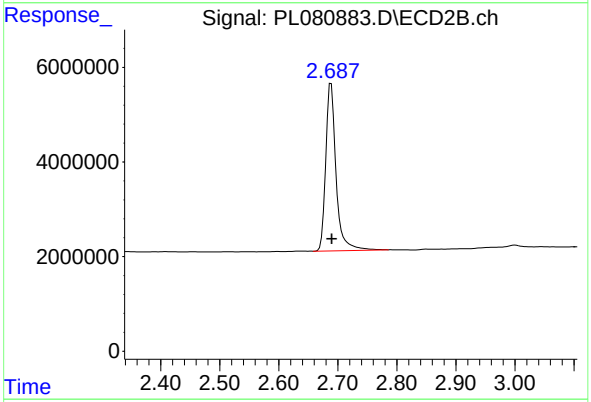




#1 Tetrachloro-m-xylene

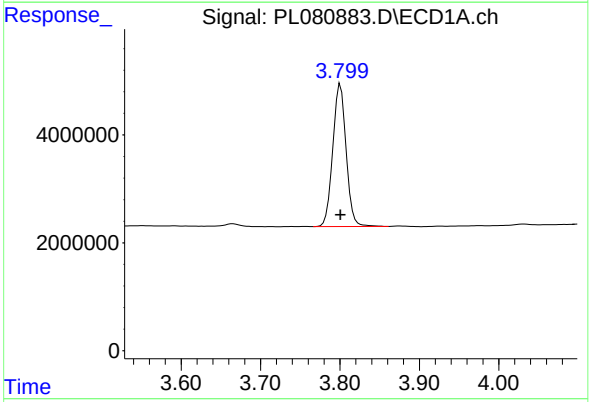
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 44672631
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



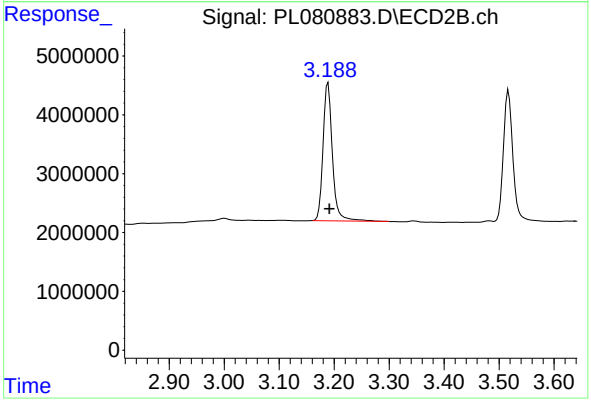
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: -0.001 min
Response: 42952314
Conc: 19.56 ng/ml



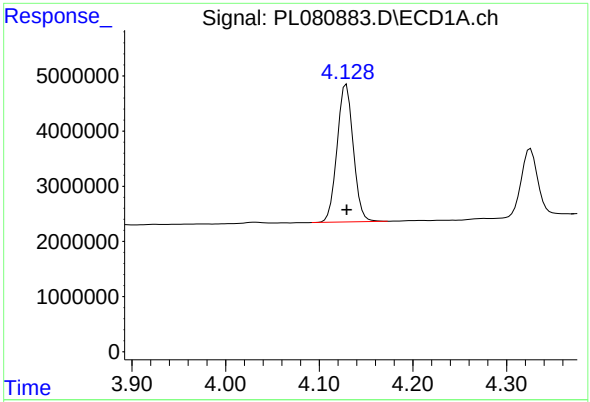
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 30817136
Conc: 9.73 ng/ml



#2 alpha-BHC

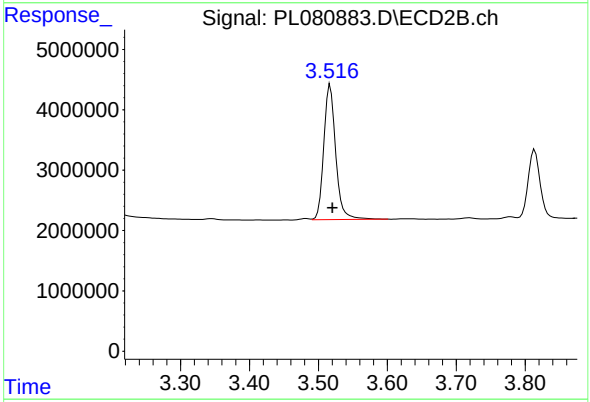
R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 27805113
Conc: 8.74 ng/ml



#3 gamma-BHC (Lindane)

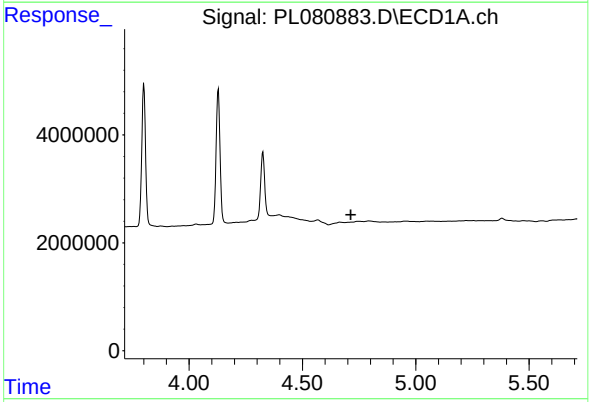
R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 30014518
Conc: 10.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



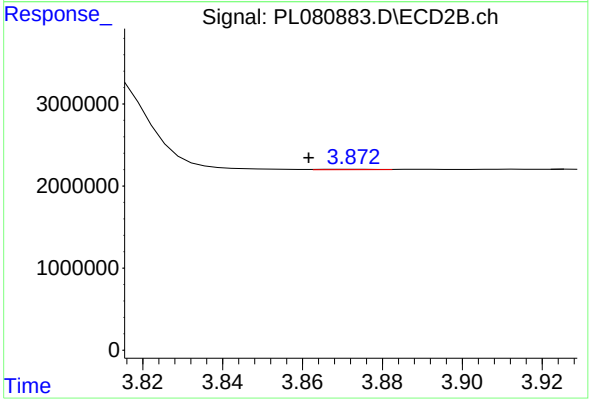
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 26828443
Conc: 8.98 ng/ml



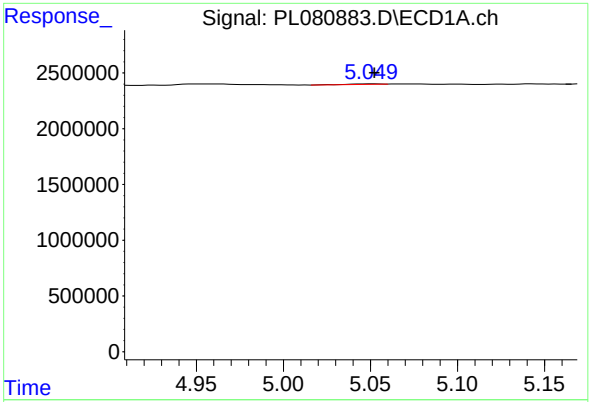
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#4 Heptachlor

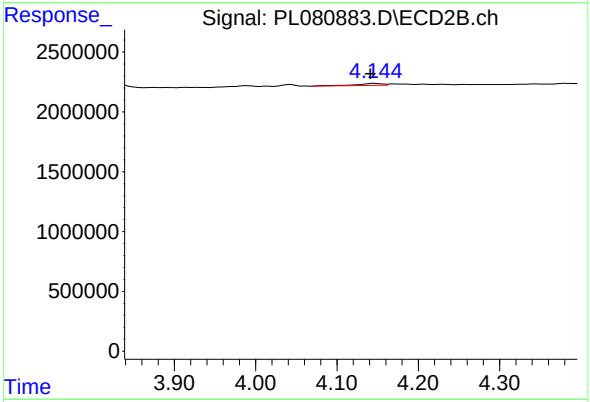
R.T.: 3.874 min
Delta R.T.: 0.012 min
Response: 47953
Conc: 0.02 ng/ml



#5 Aldrin

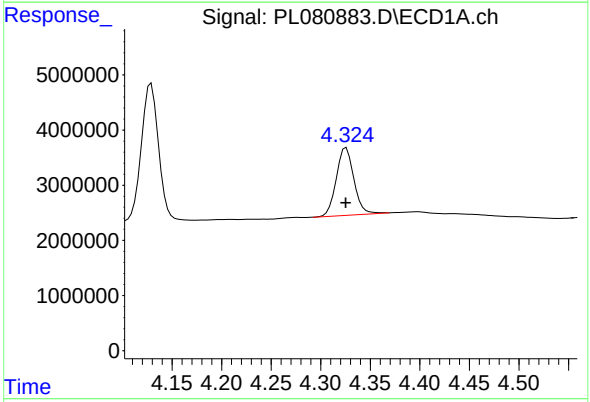
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 51794
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



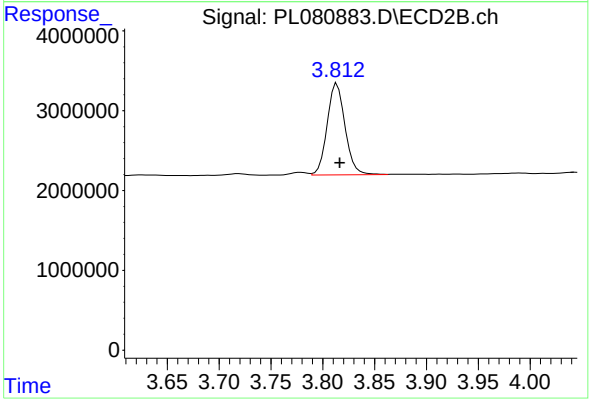
#5 Aldrin

R.T.: 4.146 min
Delta R.T.: 0.005 min
Response: 391896
Conc: 0.13 ng/ml



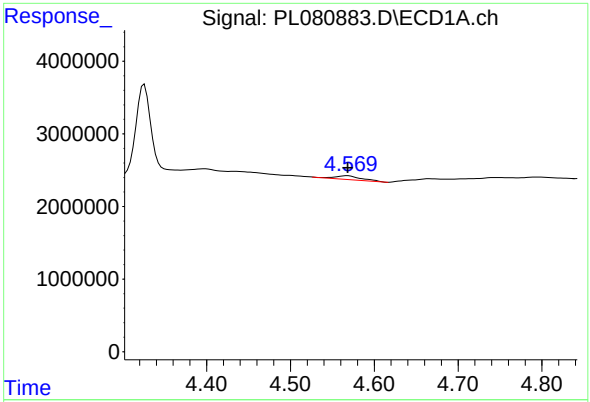
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 15079677
Conc: 11.05 ng/ml



#6 beta-BHC

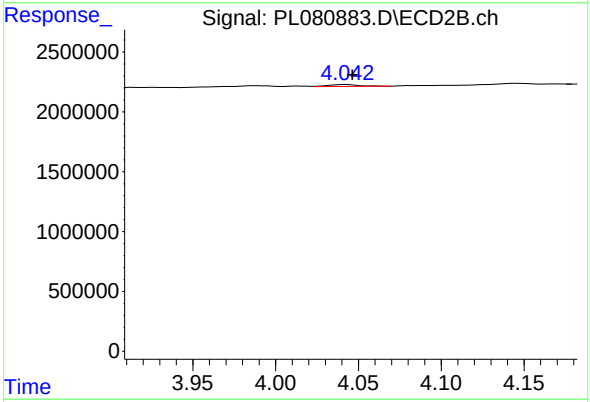
R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 13794896
Conc: 10.34 ng/ml



#7 delta-BHC

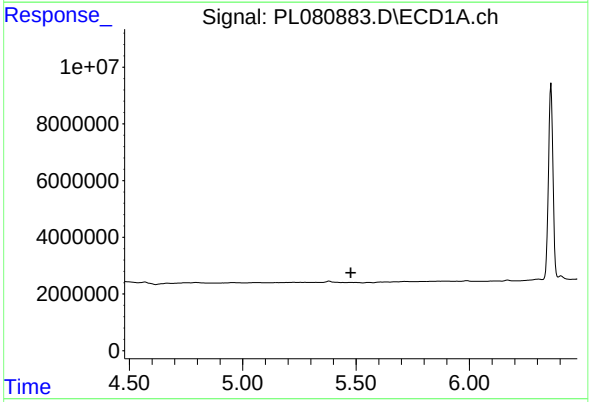
R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 1155008
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



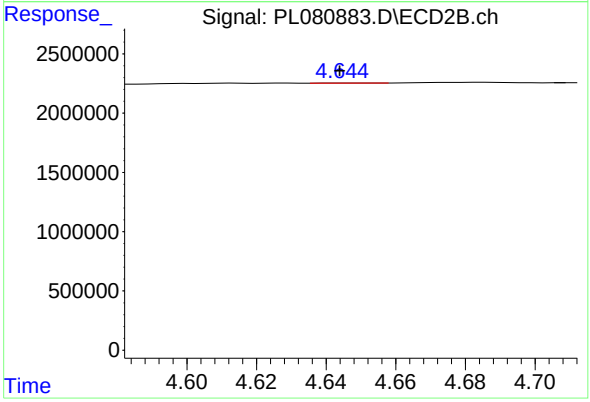
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 206849
Conc: 0.07 ng/ml



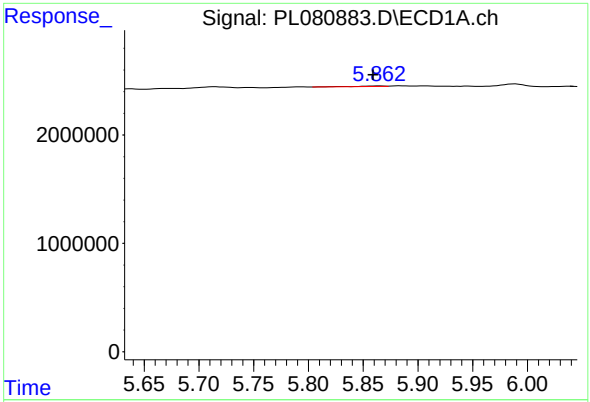
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.477 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

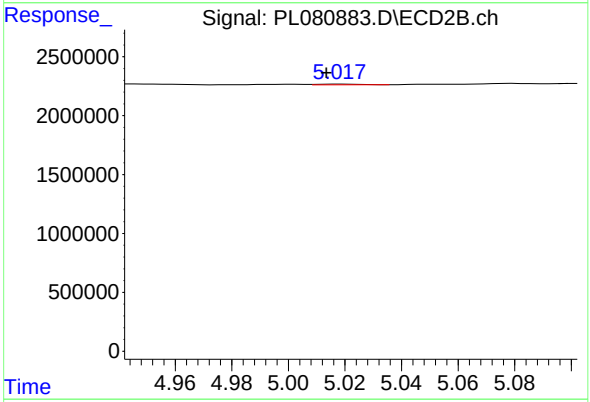
R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 8037
Conc: 0.00 ng/ml



#9 Endosulfan I

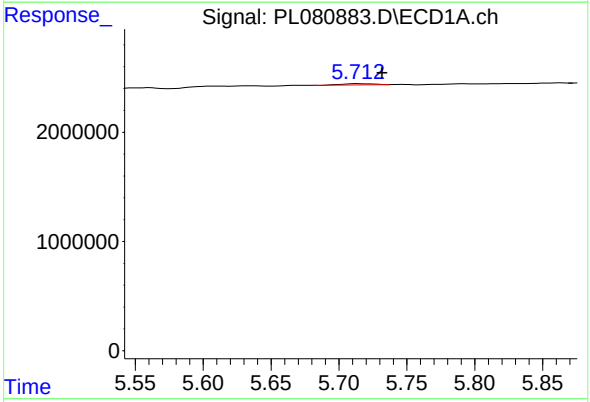
R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 80966
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



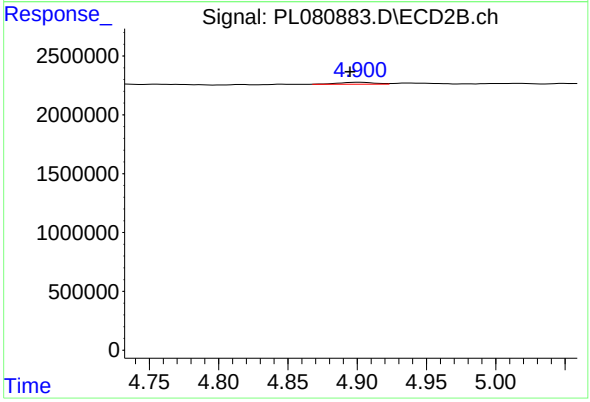
#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: 0.004 min
Response: 61100
Conc: 0.02 ng/ml



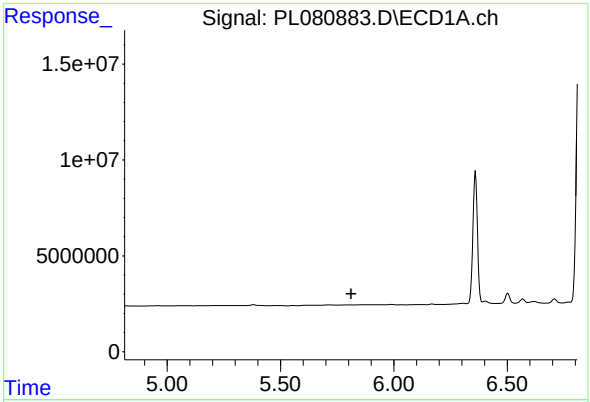
#10 gamma-Chlordane

R.T.: 5.714 min
Delta R.T.: -0.017 min
Response: 191815
Conc: 0.08 ng/ml



#10 gamma-Chlordane

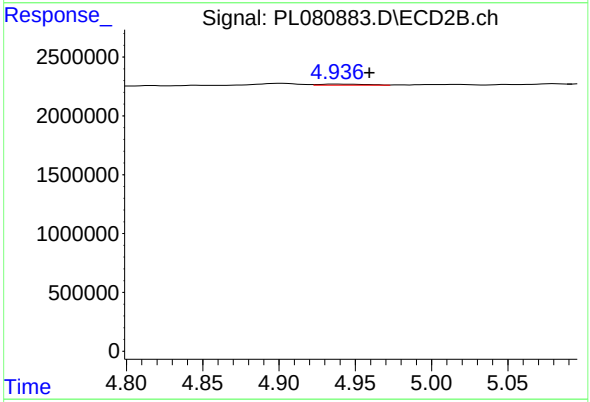
R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 294640
Conc: 0.10 ng/ml



#11 alpha-Chlordane

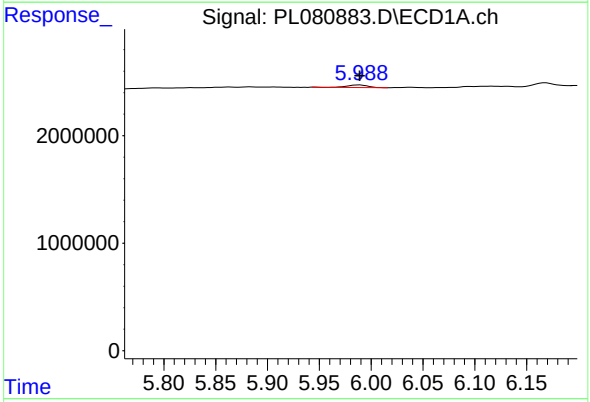
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



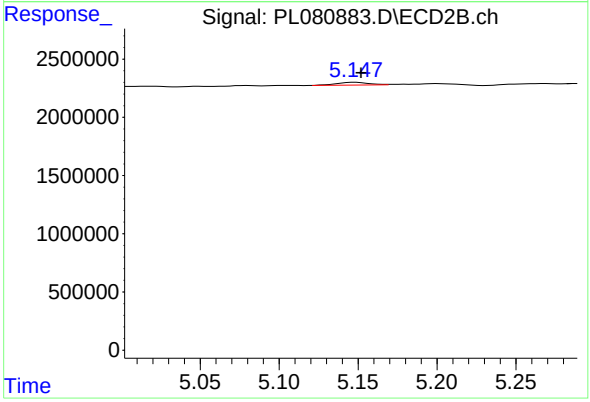
#11 alpha-Chlordane

R.T.: 4.938 min
Delta R.T.: -0.021 min
Response: 196566
Conc: 0.07 ng/ml



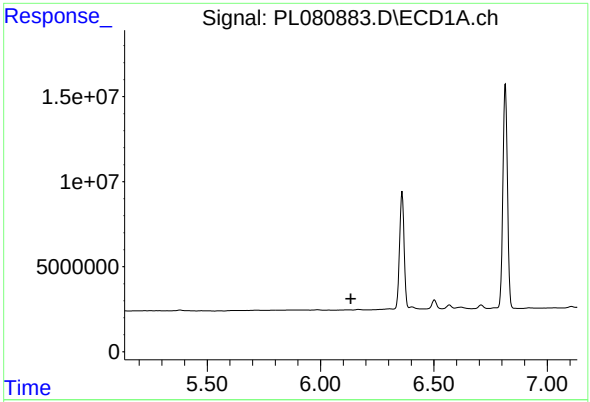
#12 4,4'-DDE

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 316364
Conc: 0.14 ng/ml



#12 4,4'-DDE

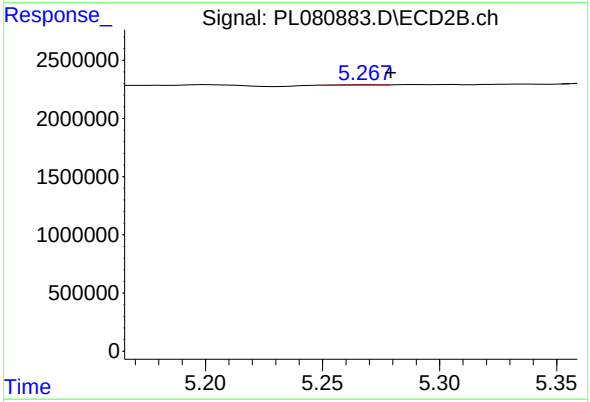
R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 329722
Conc: 0.14 ng/ml



#13 Dieldrin

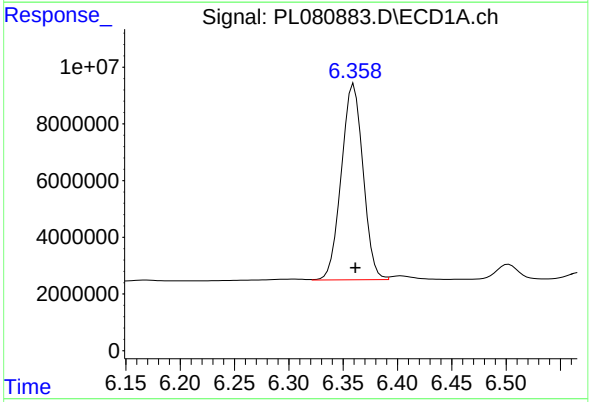
R.T.: 0.000 min
Exp R.T. : 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



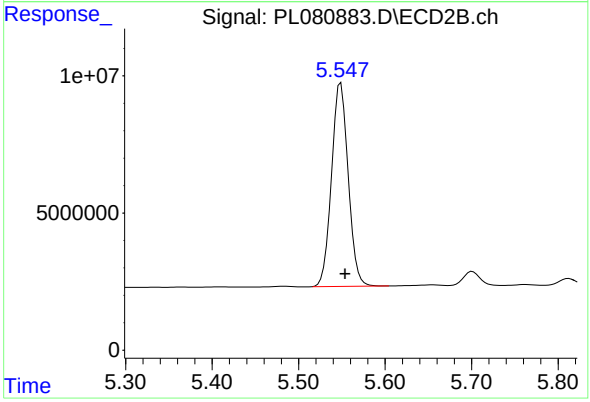
#13 Dieldrin

R.T.: 5.269 min
Delta R.T.: -0.010 min
Response: 54376
Conc: 0.02 ng/ml



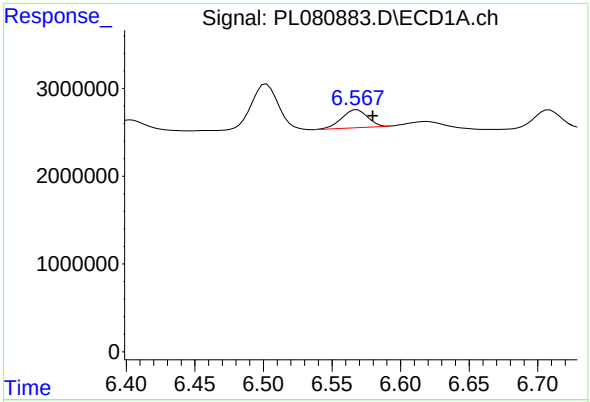
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 96172061
Conc: 44.47 ng/ml



#14 Endrin

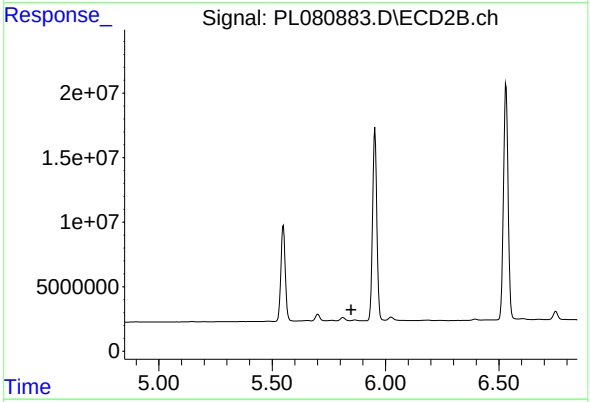
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 98979899
Conc: 42.64 ng/ml



#15 Endosulfan II

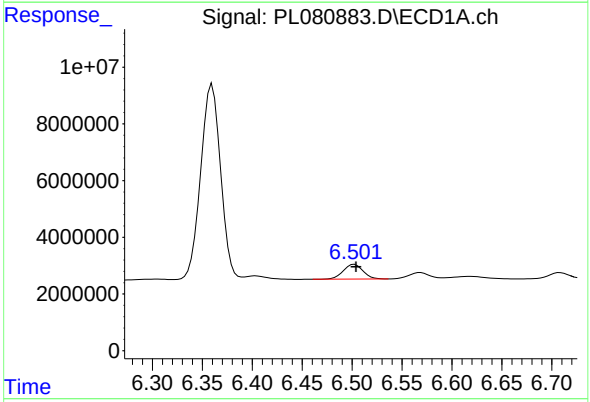
R.T.: 6.568 min
Delta R.T.: -0.011 min
Response: 2686666
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :



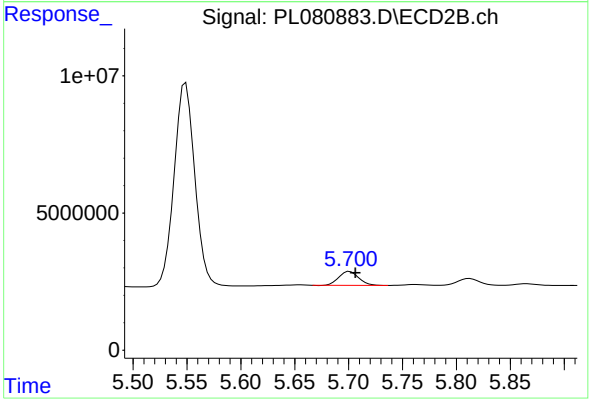
#15 Endosulfan II

R.T.: 5.865 min
Delta R.T.: 0.018 min
Response: -115277
Conc: N.D.



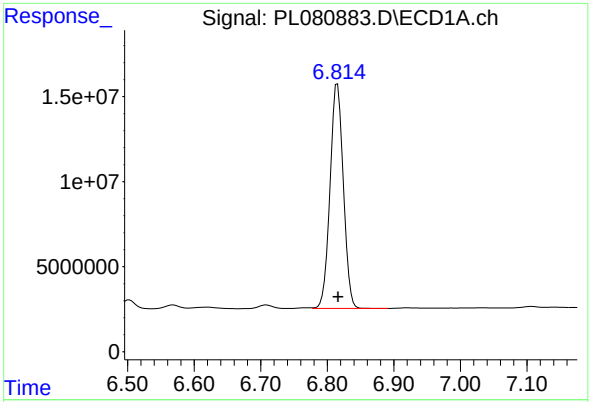
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 7193706
Conc: 3.93 ng/ml



#16 4,4'-DDD

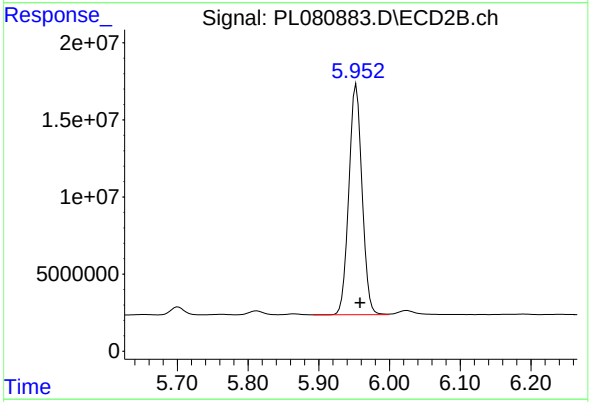
R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 6487894
Conc: 3.45 ng/ml



#17 4,4'-DDT

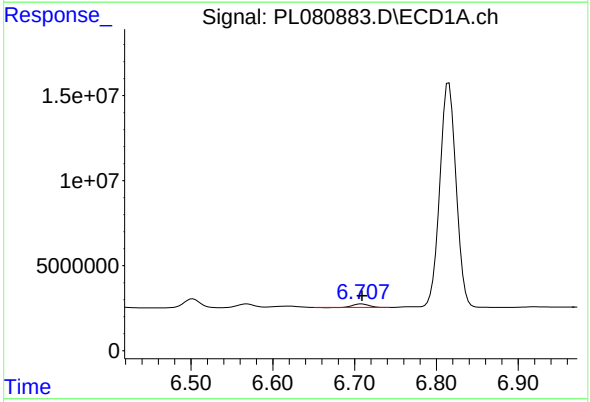
R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 183844130
Conc: 88.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



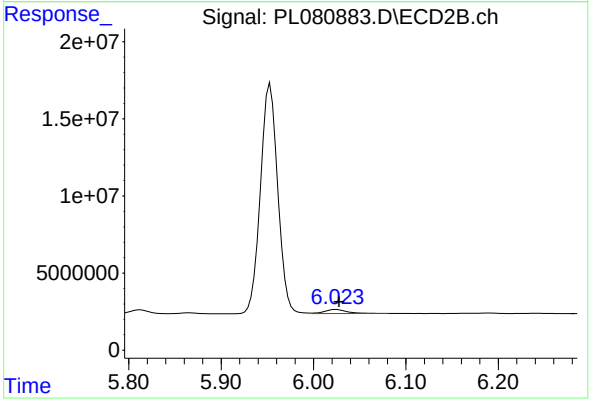
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 194074155
Conc: 92.35 ng/ml



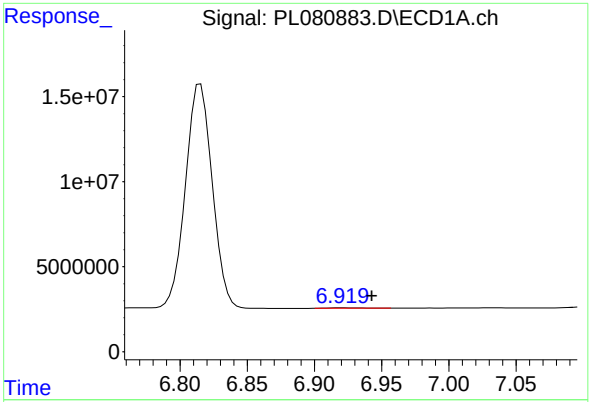
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2820968
Conc: 1.70 ng/ml



#18 Endrin aldehyde

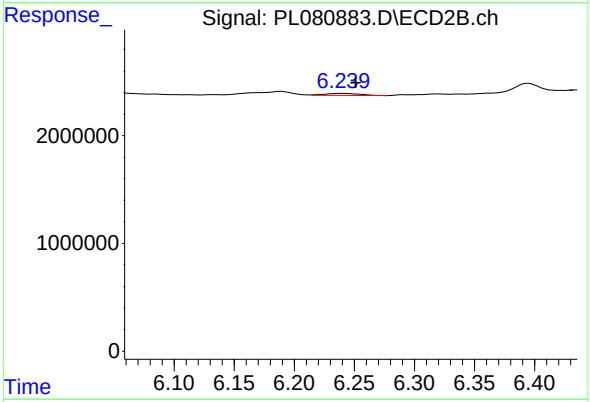
R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 4353214
Conc: 2.38 ng/ml



#19 Endosulfan Sulfate

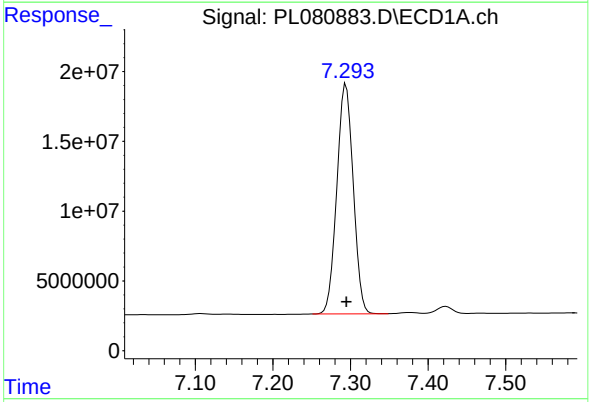
R.T.: 6.921 min
Delta R.T.: -0.022 min
Response: 421350
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



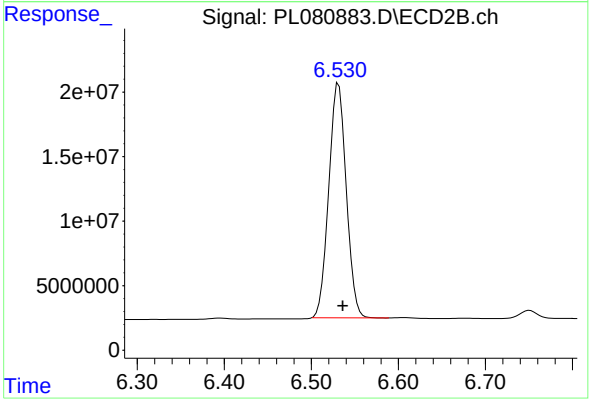
#19 Endosulfan Sulfate

R.T.: 6.240 min
Delta R.T.: -0.011 min
Response: 369519
Conc: 0.16 ng/ml



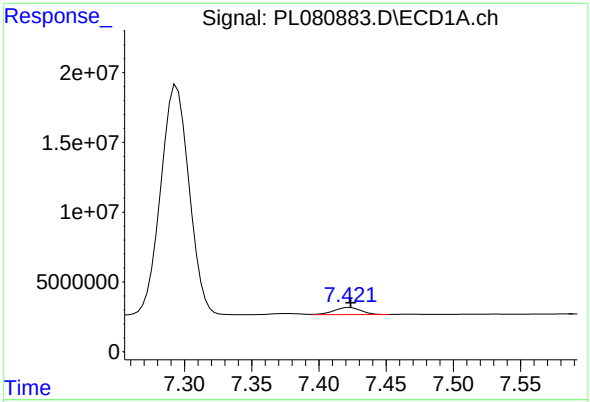
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 242237943
Conc: 219.56 ng/ml



#20 Methoxychlor

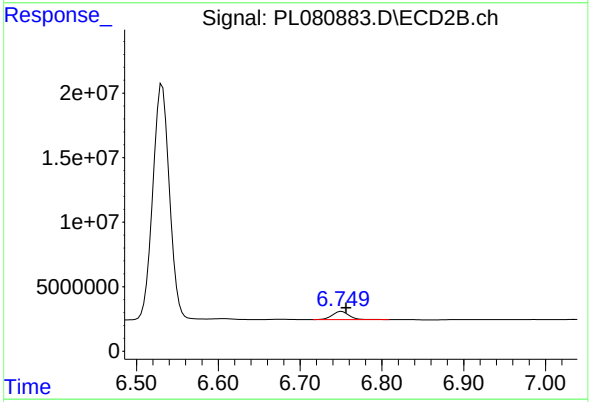
R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 253843738
Conc: 209.19 ng/ml



#21 Endrin ketone

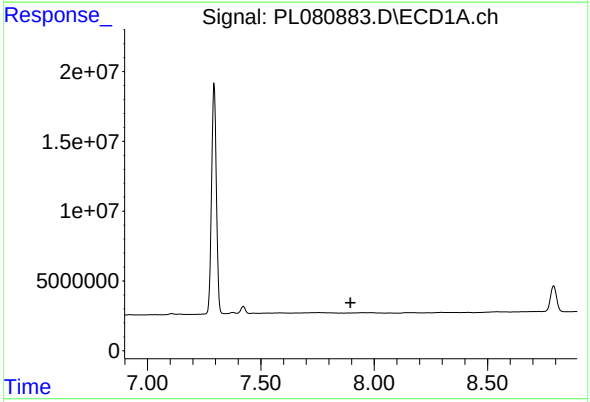
R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 7102433
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



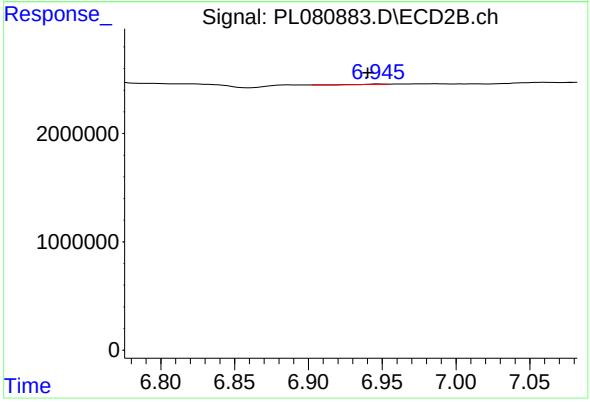
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 8719665
Conc: 3.42 ng/ml



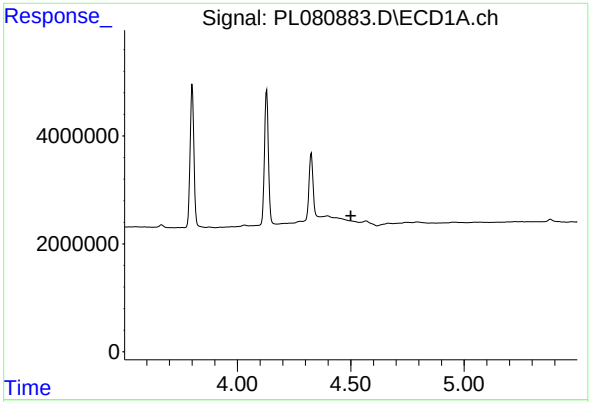
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.896 min
Response: 0
Conc: N.D.



#22 Mirex

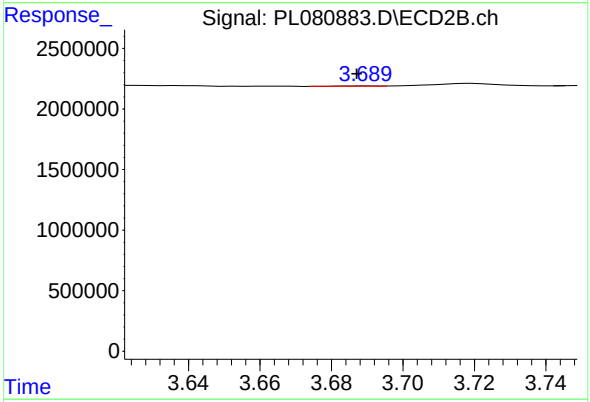
R.T.: 6.947 min
Delta R.T.: 0.007 min
Response: 15192
Conc: 0.01 ng/ml



#23 Chlordane-1

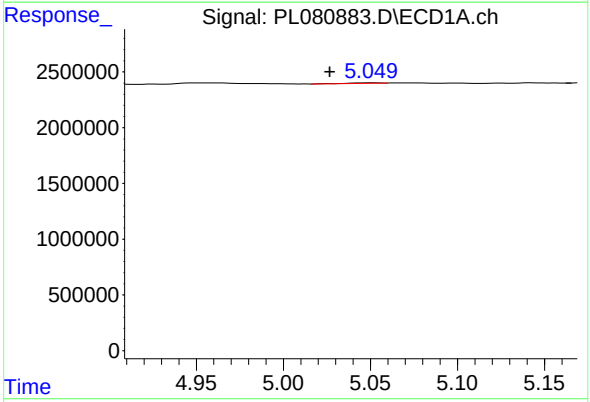
R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



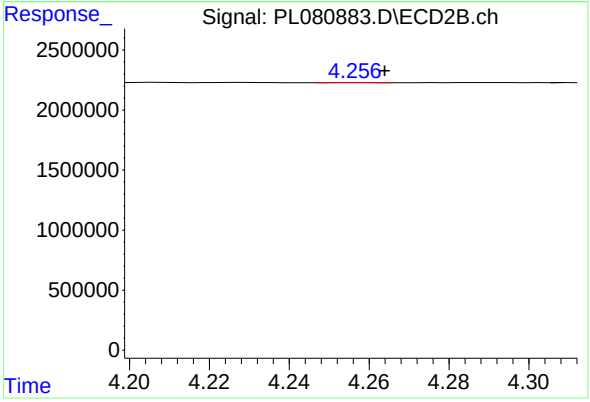
#23 Chlordane-1

R.T.: 3.691 min
Delta R.T.: 0.004 min
Response: 23265
Conc: 0.29 ng/ml



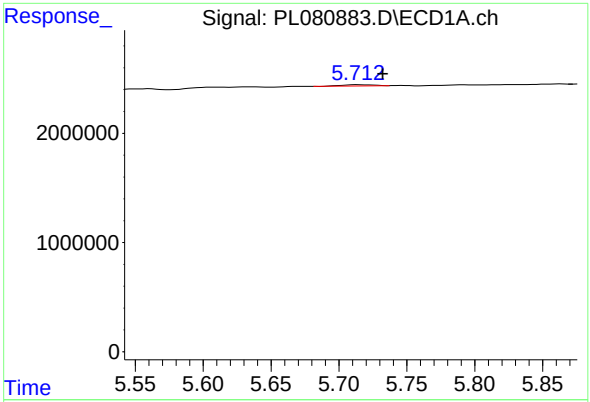
#24 Chlordane-2

R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 51794
Conc: 0.54 ng/ml



#24 Chlordane-2

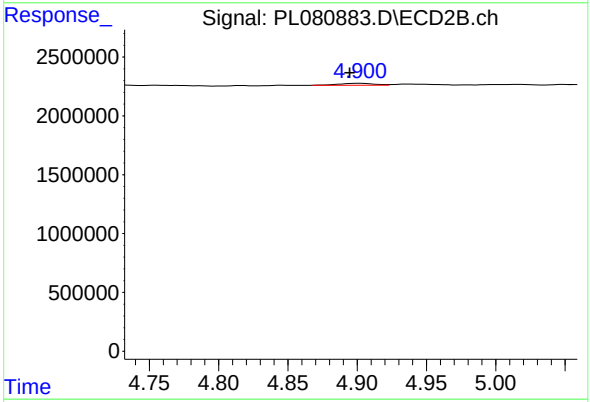
R.T.: 4.257 min
Delta R.T.: -0.007 min
Response: 12639
Conc: 0.14 ng/ml



#25 Chlordane-3

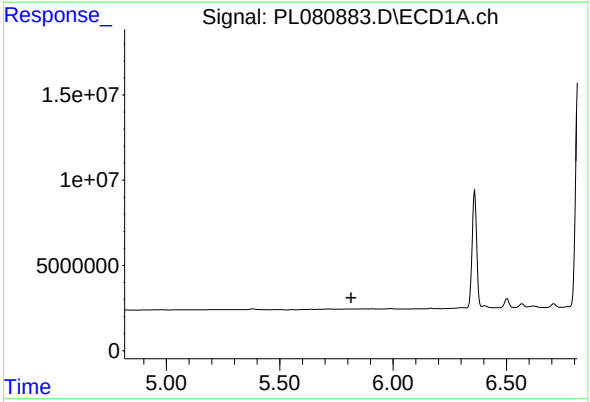
R.T.: 5.714 min
Delta R.T.: -0.018 min
Response: 191815
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



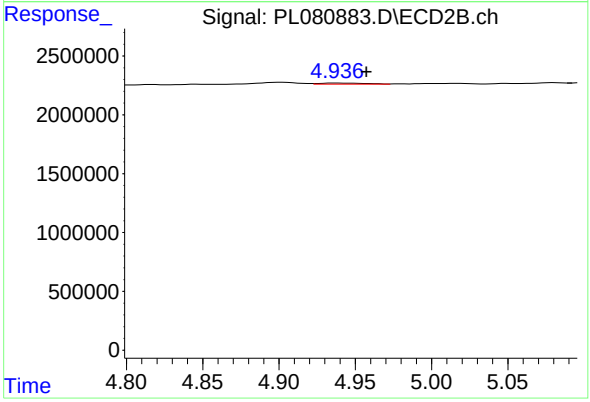
#25 Chlordane-3

R.T.: 4.901 min
Delta R.T.: 0.007 min
Response: 294640
Conc: 1.12 ng/ml



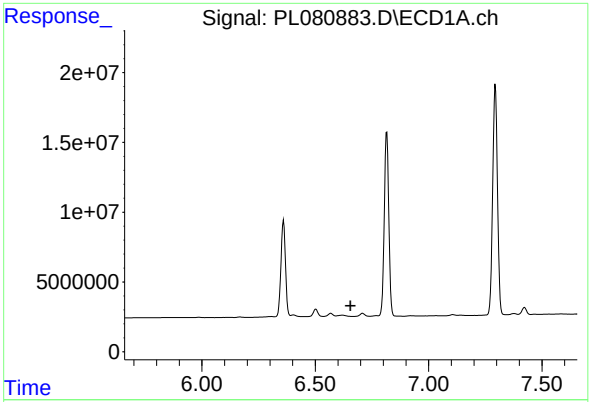
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.815 min
Response: 0
Conc: N.D.



#26 Chlordane-4

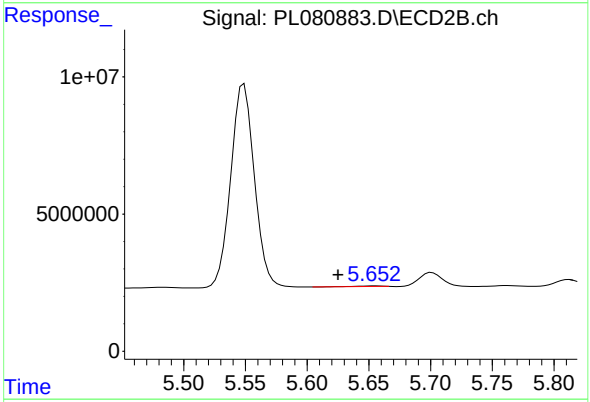
R.T.: 4.938 min
Delta R.T.: -0.020 min
Response: 196566
Conc: 0.73 ng/ml



#27 Chlordane-5

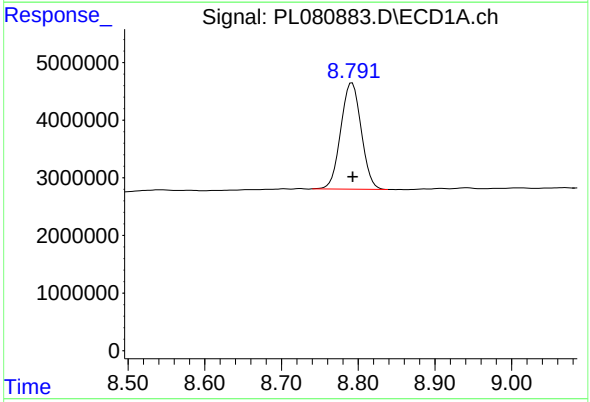
R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



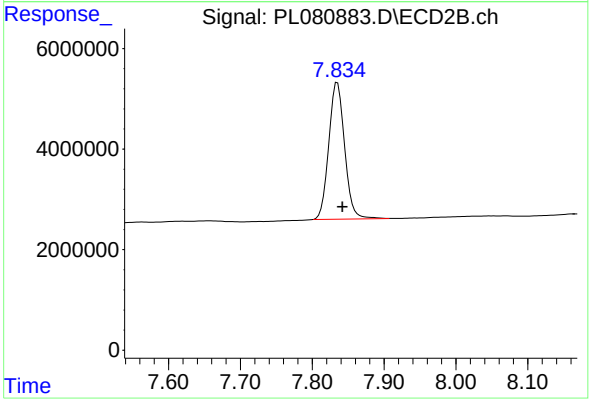
#27 Chlordane-5

R.T.: 5.655 min
Delta R.T.: 0.030 min
Response: 335441
Conc: 4.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.001 min
Response: 34403508
Conc: 19.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 41661424
Conc: 17.49 ng/ml