Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062019\
Data File : PL049712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2019 22:29
Operator : SM\AJ
Sample : K3453-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : FRAC-TANK-MUD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 03:52:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
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...	3.323	3.935	177.6E6	50428115	15.747	16.470	
28)	SA Decachlor...	7.991	8.973	126.7E6	40092925	9.972	11.943	
	Target Compounds							
2)	A alpha-BHC	3.768f	0.000	26567837	0	1.414	N.D.	#
3)	MA gamma-BHC...	4.008f	4.607	193.4E6	400.1E6	10.907	96.455	#
4)	MA Heptachlor	4.325	0.000	17303.5E6	0	951.942	N.D.	#
5)	MB Aldrin	4.564	5.440f	9375.4E6	3799.4E6	542.937	969.965	#
7)	B delta-BHC	4.479	5.005	5429.8E6	1390.4E6	303.612	352.998	
8)	B Heptachlo...	4.981	5.793	195.3E6	2714.8E6	12.133	746.688	#
9)	A Endosulfan I	5.344f	6.165	272.3E6	123.2E6	17.600	36.267	#
10)	B gamma-Chl...	5.187f	6.032	3717.4E6	3194.4E6	217.535	857.230	#
11)	B alpha-Chl...	5.276	0.000	8218.8E6	0	495.145	N.D.	#
12)	B 4,4'-DDE	5.428	6.265	151.1E6	1214.9E6	9.068	350.115	#
13)	MA Dieldrin	5.556	6.404	4352.4E6	148.2E6	261.283	41.777	#
14)	MA Endrin	0.000	6.625	0	1229.9E6	N.D.	389.569	#
15)	B Endosulfa...	6.070f	6.825f	5014.0E6	9154842	344.102	2.842	#
16)	A 4,4'-DDD	0.000	6.760	0	72149968	N.D.	27.599	#
17)	MA 4,4'-DDT	6.174	7.026f	1357.3E6	346.7E6	102.239	118.388	
18)	B Endrin al...	6.265	6.967	138.9E6	40672008	11.762	14.809	#
19)	B Endosulfa...	6.456	7.158f	227.9E6	32203872	17.574	10.700	#
20)	A Methoxychlor	6.703f	0.000	494.0E6	0	75.790	N.D.	#
21)	B Endrin ke...	6.973f	0.000	167.2E6	0	11.894	N.D.	#
23)	Chlordane-1	0.000	4.914	0	239.1E6	N.D.	1626.949	#
24)	Chlordane-2	4.638f	0.000	99940329	0	171.121	N.D.	#
25)	Chlordane-3	5.187f	6.032	3717.4E6	3194.4E6	1979.219	6419.328	#
26)	Chlordane-4	5.276	0.000	8218.8E6	0	4709.555	N.D.	#
27)	Chlordane-5	6.070f	6.933f	5014.0E6	29253896	8934.349	257.718	#

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

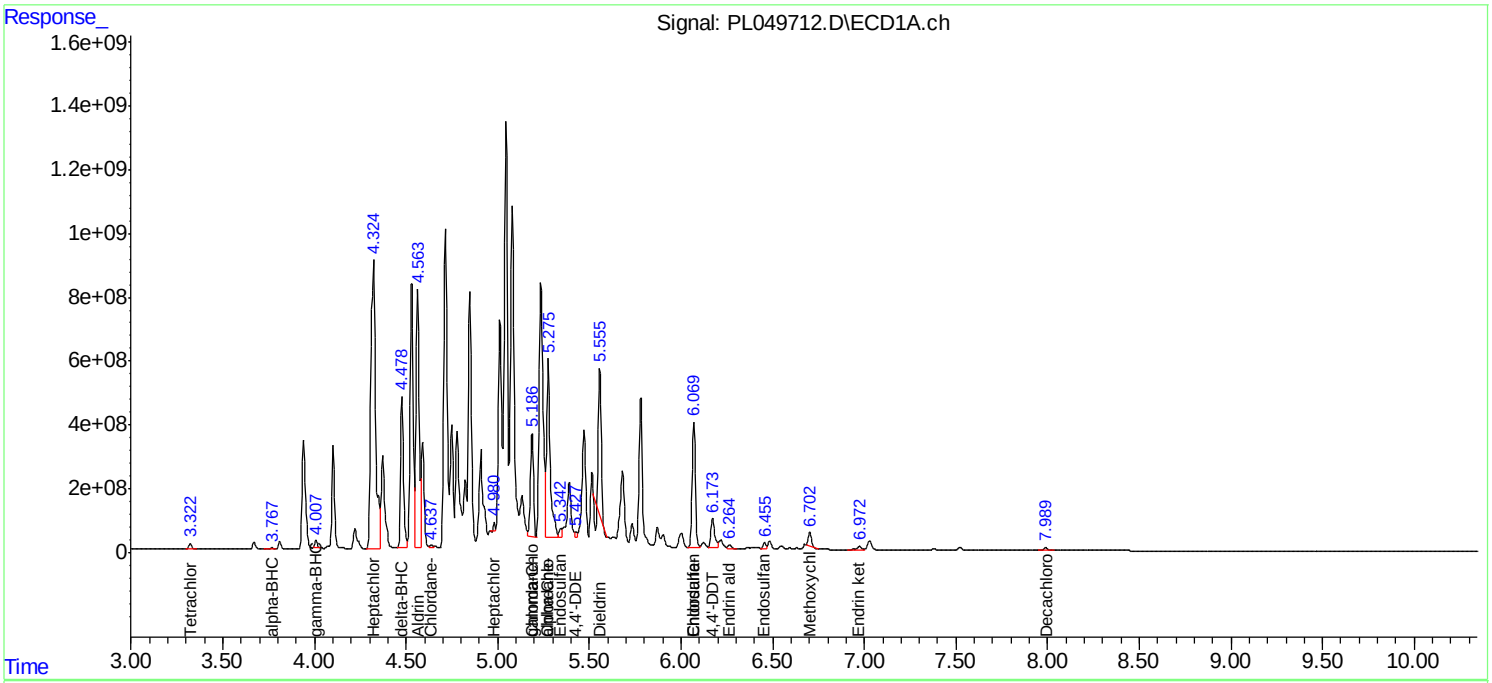
Quantitation Report (Not Reviewed)

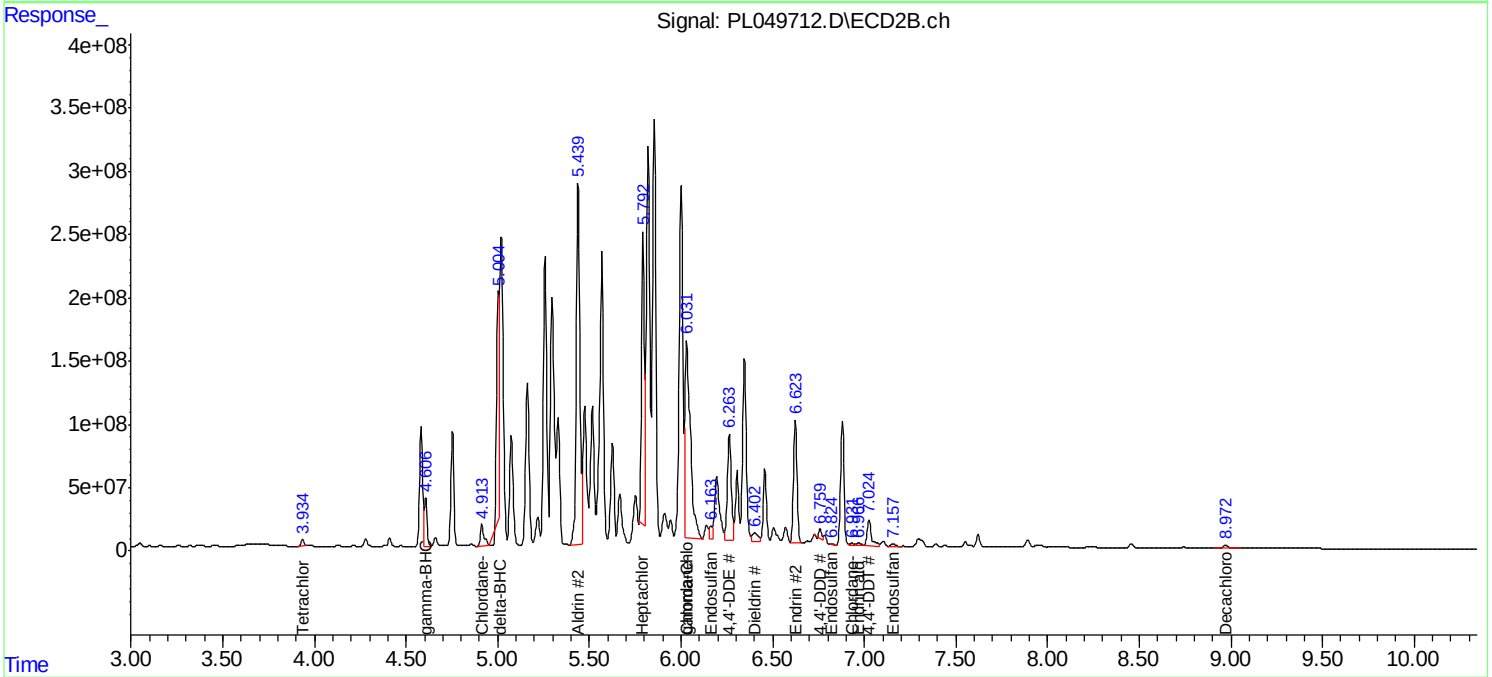
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062019\
Data File : PL049712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2019 22:29
Operator : SM\AJ
Sample : K3453-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

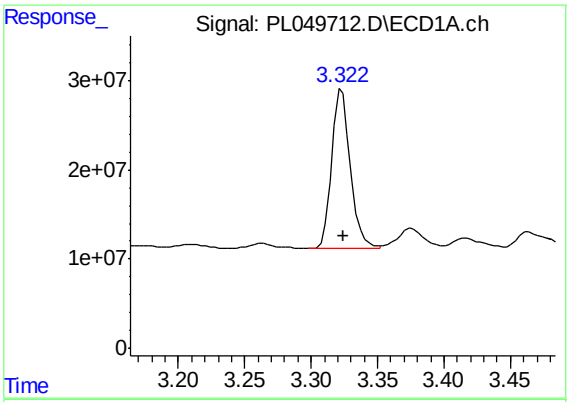
Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 21 03:52:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
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



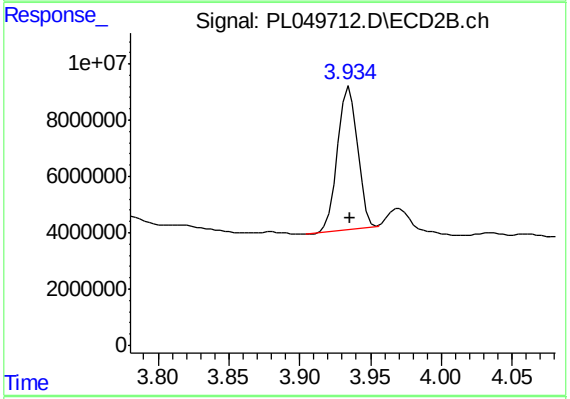




#1 Tetrachloro-m-xylene

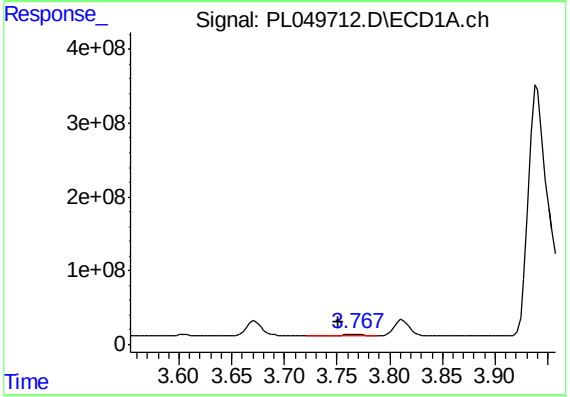
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 177588557
Conc: 15.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



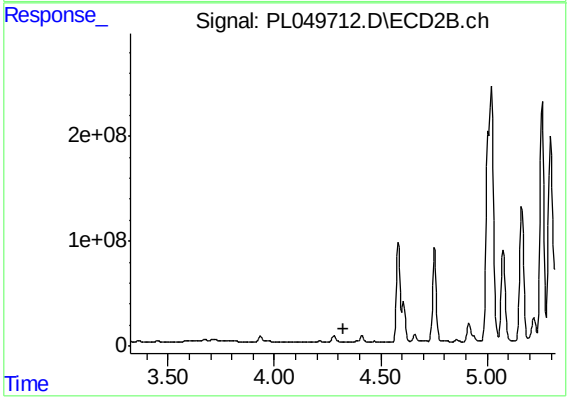
#1 Tetrachloro-m-xylene

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 50428115
Conc: 16.47 ng/ml



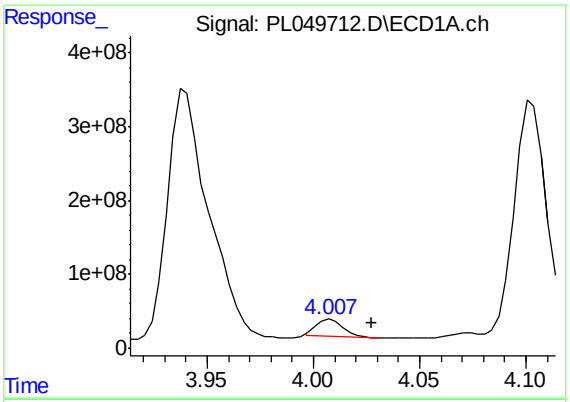
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: 0.017 min
Response: 26567837
Conc: 1.41 ng/ml



#2 alpha-BHC

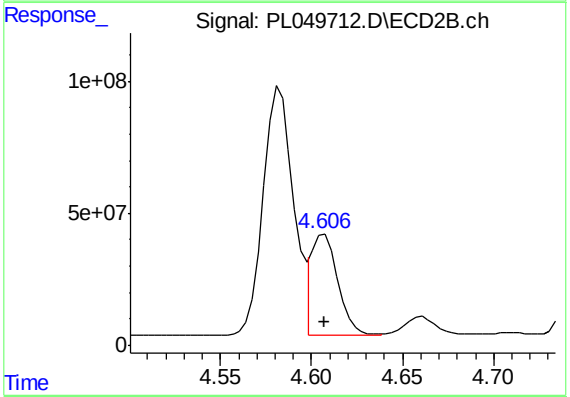
R.T.: 0.000 min
Exp R.T. : 4.324 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

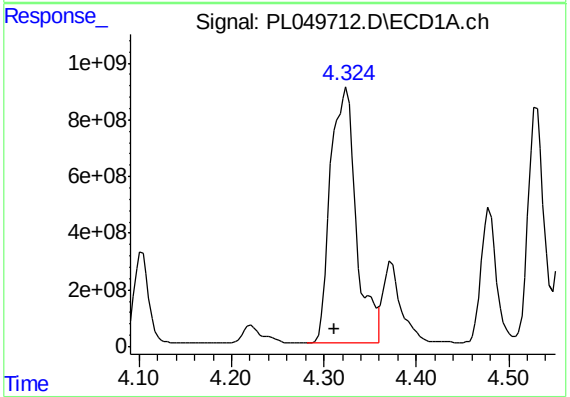
R.T.: 4.008 min
Delta R.T.: -0.019 min
Response: 193393393
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



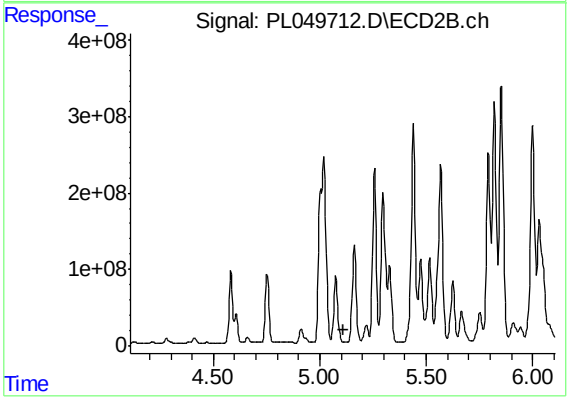
#3 gamma-BHC (Lindane)

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 400078122
Conc: 96.45 ng/ml



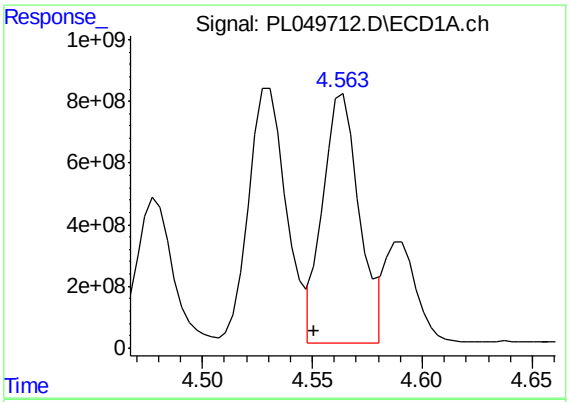
#4 Heptachlor

R.T.: 4.325 min
Delta R.T.: 0.013 min
Response: 17303545441
Conc: 951.94 ng/ml



#4 Heptachlor

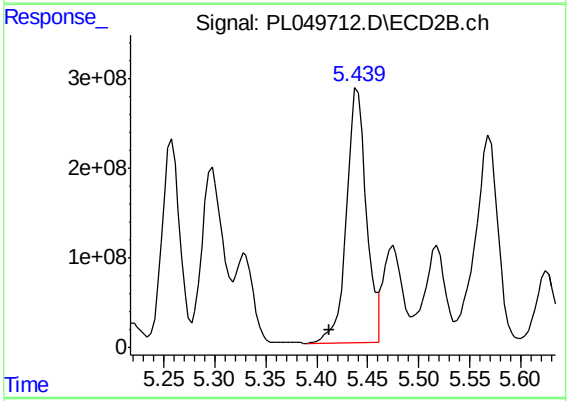
R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



#5 Aldrin

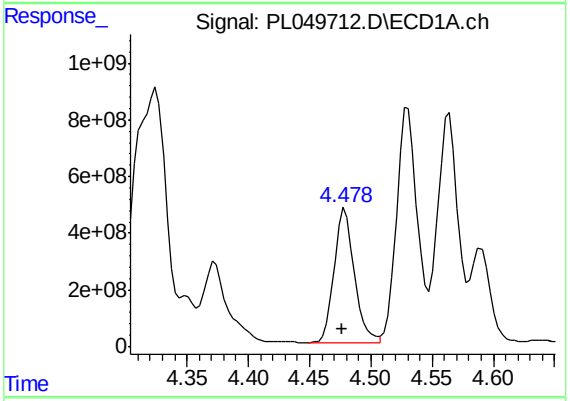
R.T.: 4.564 min
Delta R.T.: 0.013 min
Response: 9375397729
Conc: 542.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



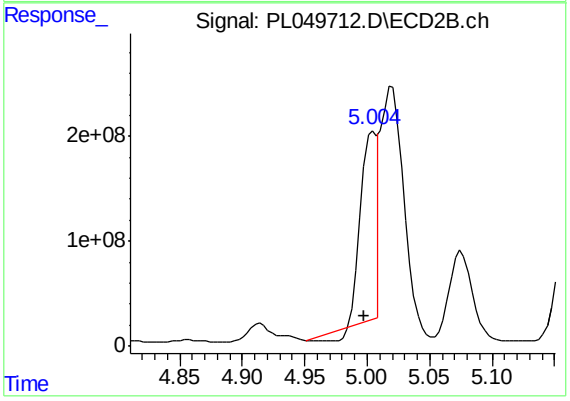
#5 Aldrin

R.T.: 5.440 min
Delta R.T.: 0.027 min
Response: 3799422324
Conc: 969.96 ng/ml



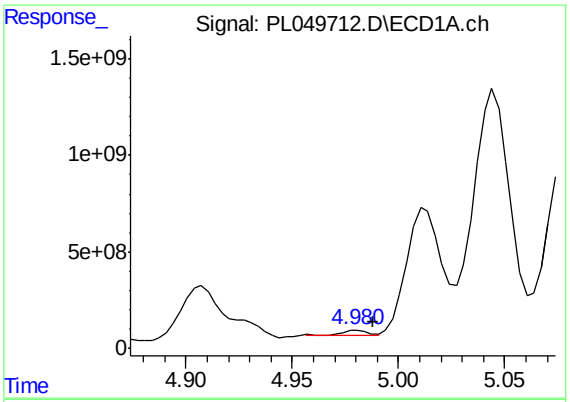
#7 delta-BHC

R.T.: 4.479 min
Delta R.T.: 0.003 min
Response: 5429757098
Conc: 303.61 ng/ml



#7 delta-BHC

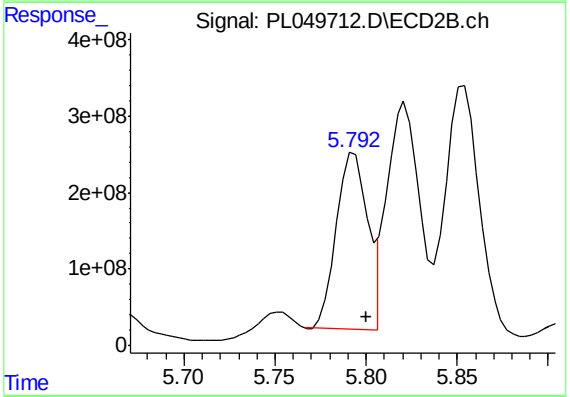
R.T.: 5.005 min
Delta R.T.: 0.008 min
Response: 1390416403
Conc: 353.00 ng/ml



#8 Heptachlor epoxide

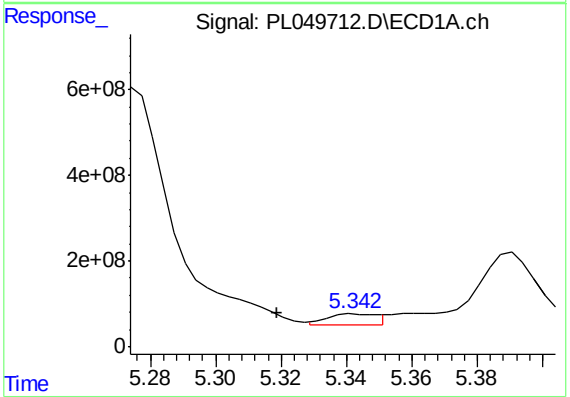
R.T.: 4.981 min
Delta R.T.: -0.007 min
Response: 195307479
Conc: 12.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



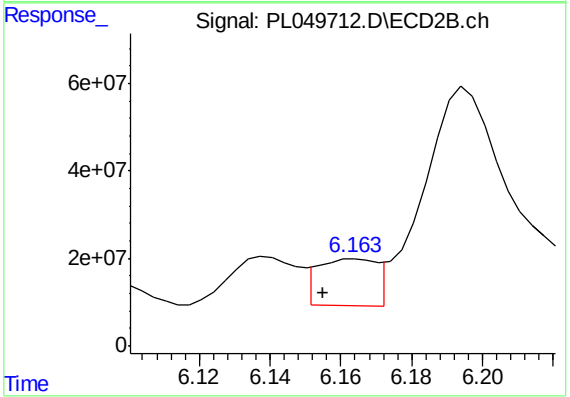
#8 Heptachlor epoxide

R.T.: 5.793 min
Delta R.T.: -0.007 min
Response: 2714788040
Conc: 746.69 ng/ml



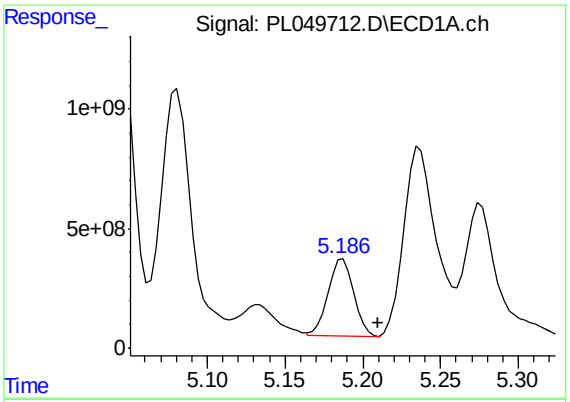
#9 Endosulfan I

R.T.: 5.344 min
Delta R.T.: 0.025 min
Response: 272309832
Conc: 17.60 ng/ml



#9 Endosulfan I

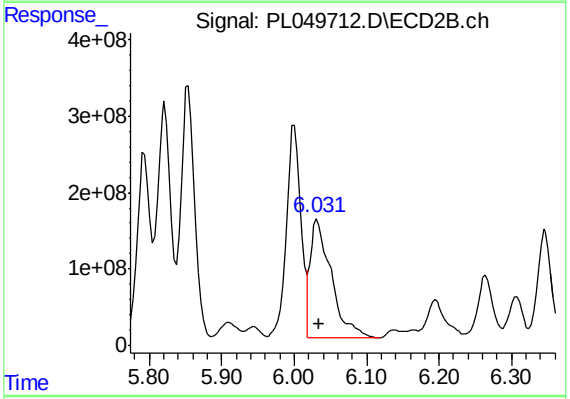
R.T.: 6.165 min
Delta R.T.: 0.009 min
Response: 123212388
Conc: 36.27 ng/ml



#10 gamma-Chlordane

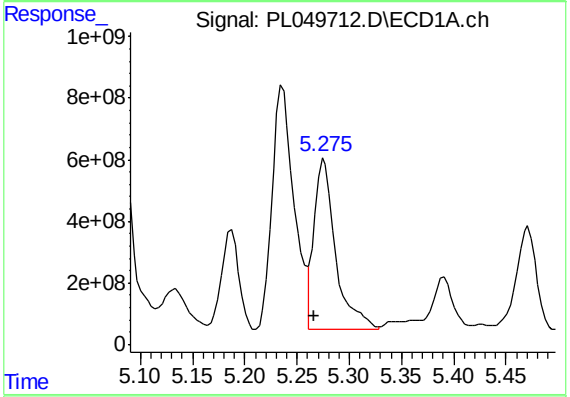
R.T.: 5.187 min
Delta R.T.: -0.023 min
Response: 3717400565
Conc: 217.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



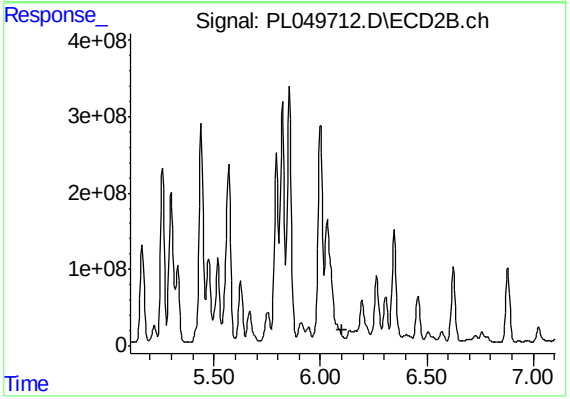
#10 gamma-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 3194418630
Conc: 857.23 ng/ml



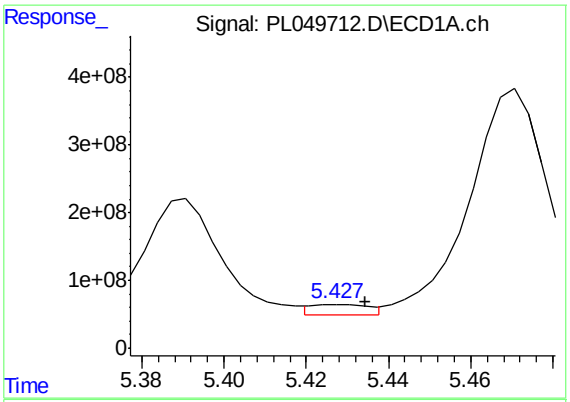
#11 alpha-Chlordane

R.T.: 5.276 min
Delta R.T.: 0.010 min
Response: 8218834144
Conc: 495.15 ng/ml



#11 alpha-Chlordane

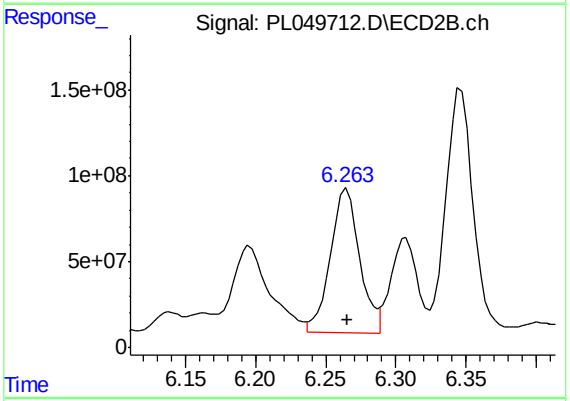
R.T.: 0.000 min
Exp R.T. : 6.105 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

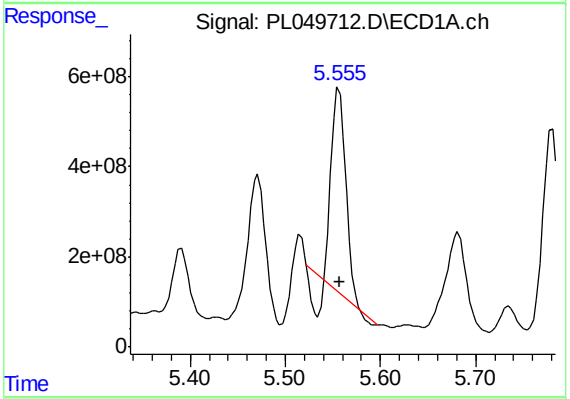
R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 151071044
Conc: 9.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



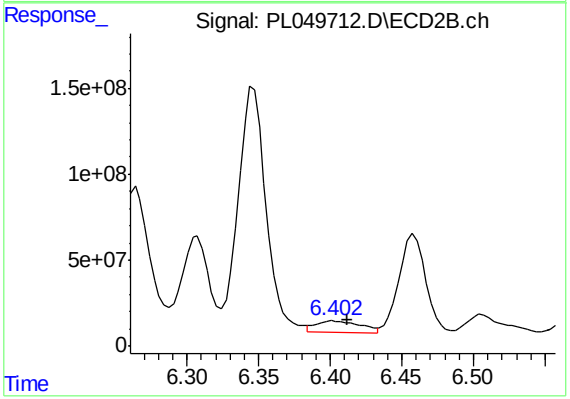
#12 4,4'-DDE

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 1214936563
Conc: 350.11 ng/ml



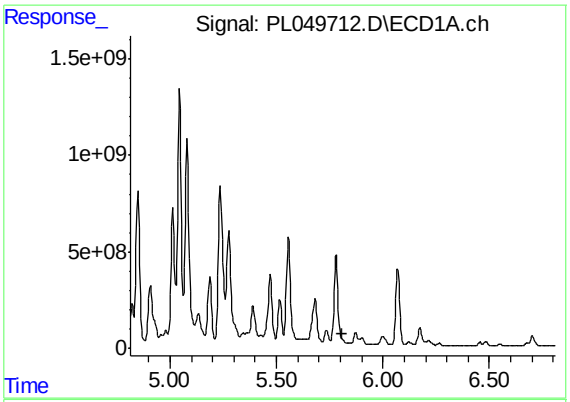
#13 Dieldrin

R.T.: 5.556 min
Delta R.T.: -0.001 min
Response: 4352406154
Conc: 261.28 ng/ml



#13 Dieldrin

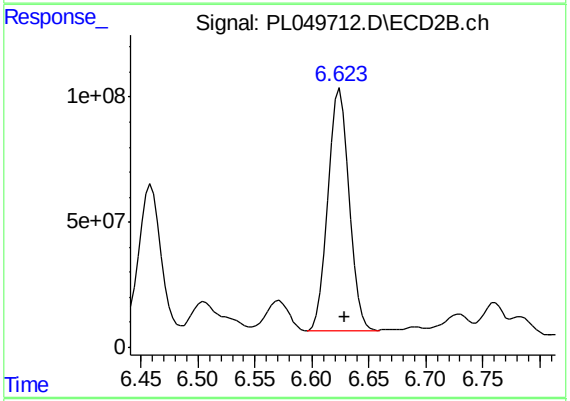
R.T.: 6.404 min
Delta R.T.: -0.009 min
Response: 148205861
Conc: 41.78 ng/ml



#14 Endrin

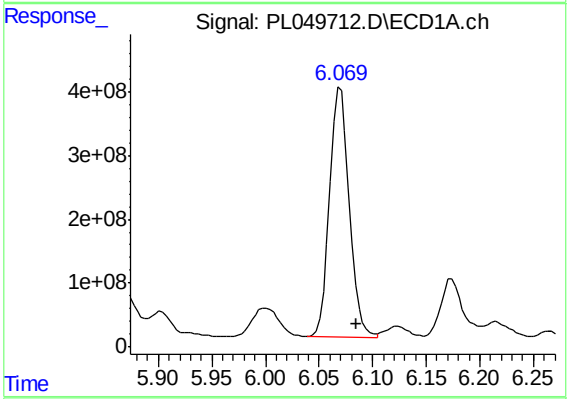
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



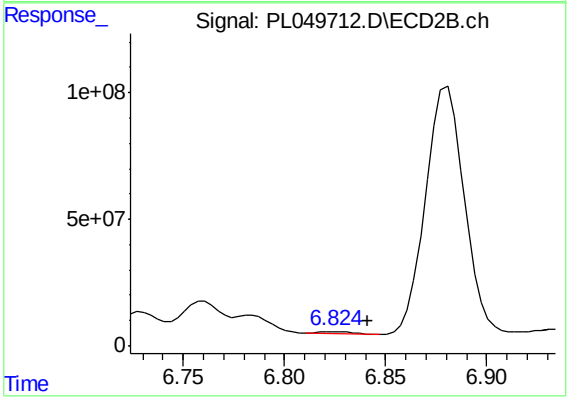
#14 Endrin

R.T.: 6.625 min
Delta R.T.: -0.005 min
Response: 1229948940
Conc: 389.57 ng/ml



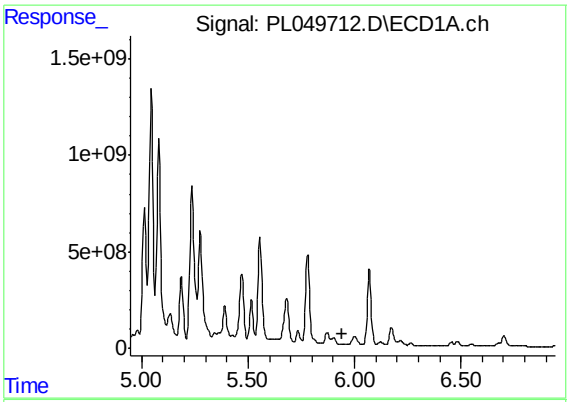
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.015 min
Response: 5014021319
Conc: 344.10 ng/ml



#15 Endosulfan II

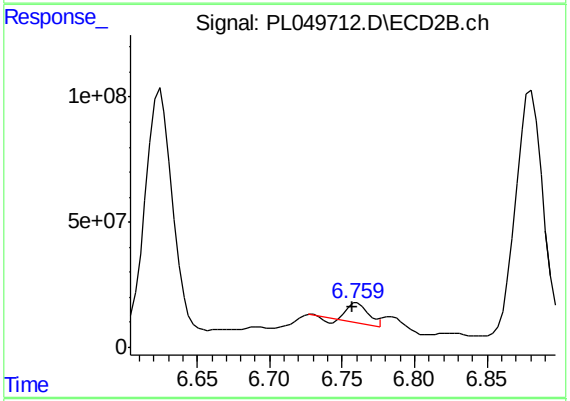
R.T.: 6.825 min
Delta R.T.: -0.016 min
Response: 9154842
Conc: 2.84 ng/ml



#16 4,4'-DDD

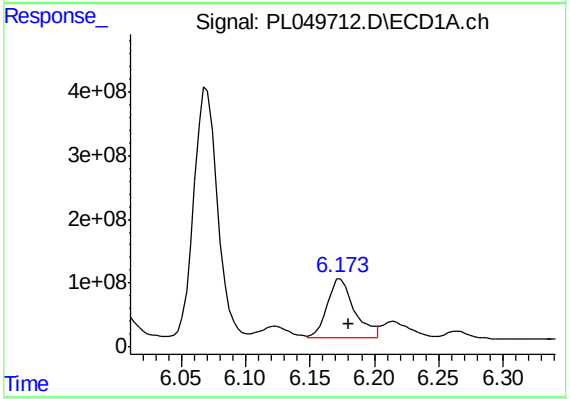
R.T.: 0.000 min
Exp R.T. : 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



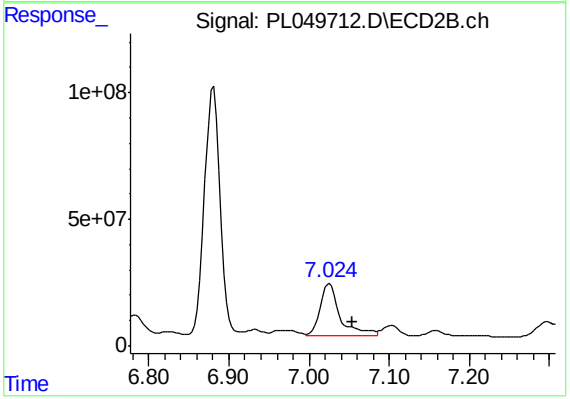
#16 4,4'-DDD

R.T.: 6.760 min
Delta R.T.: 0.003 min
Response: 72149968
Conc: 27.60 ng/ml



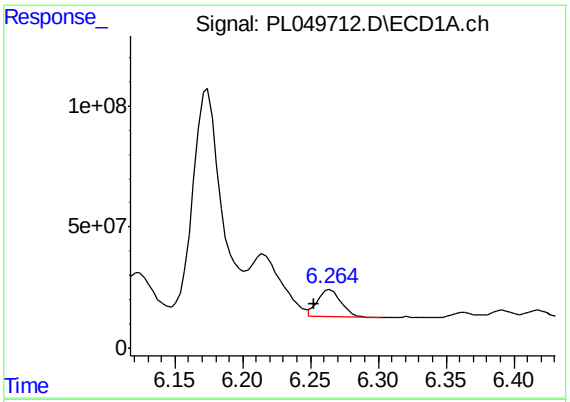
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 1357301561
Conc: 102.24 ng/ml



#17 4,4'-DDT

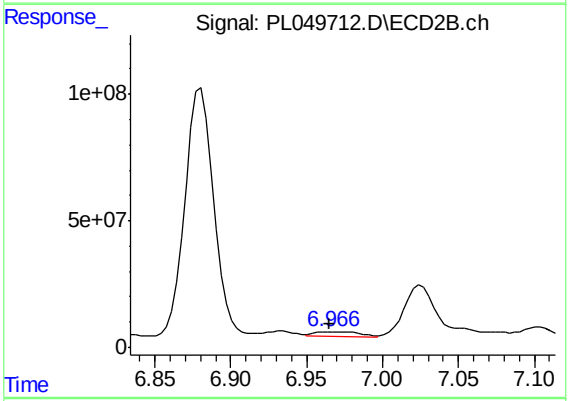
R.T.: 7.026 min
Delta R.T.: -0.028 min
Response: 346731122
Conc: 118.39 ng/ml



#18 Endrin aldehyde

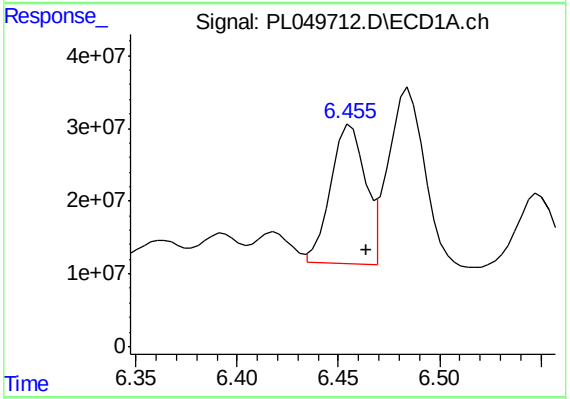
R.T.: 6.265 min
Delta R.T.: 0.012 min
Response: 138924001
Conc: 11.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



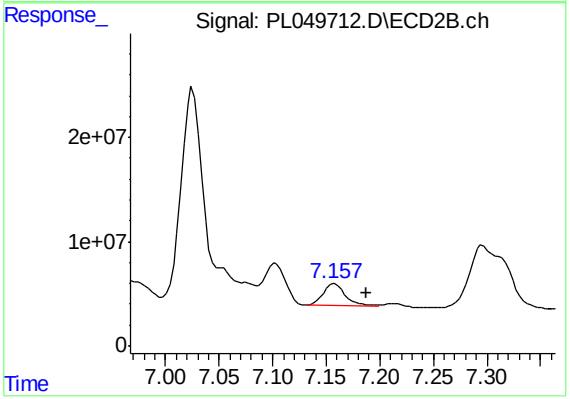
#18 Endrin aldehyde

R.T.: 6.967 min
Delta R.T.: 0.003 min
Response: 40672008
Conc: 14.81 ng/ml



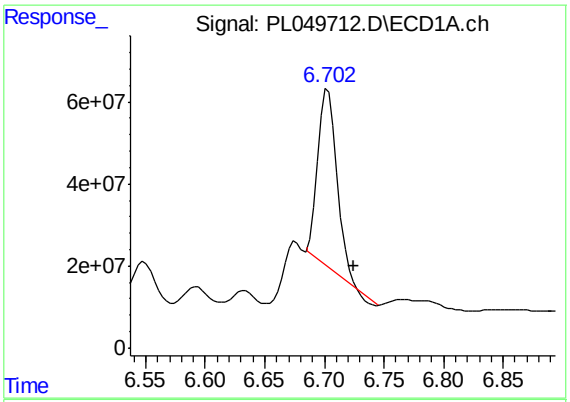
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 227859508
Conc: 17.57 ng/ml



#19 Endosulfan Sulfate

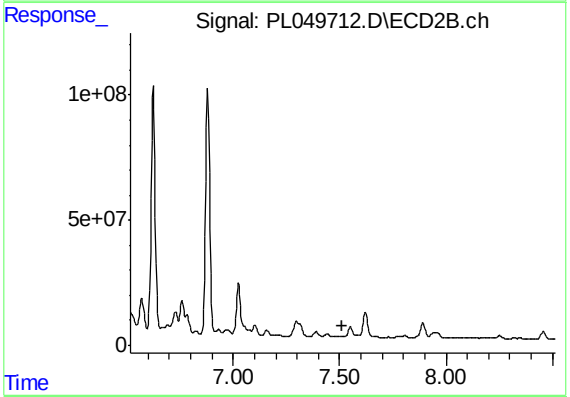
R.T.: 7.158 min
Delta R.T.: -0.030 min
Response: 32203872
Conc: 10.70 ng/ml



#20 Methoxychlor

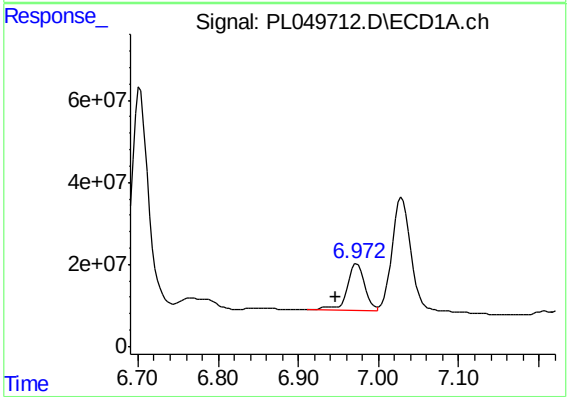
R.T.: 6.703 min
Delta R.T.: -0.022 min
Response: 494021785
Conc: 75.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



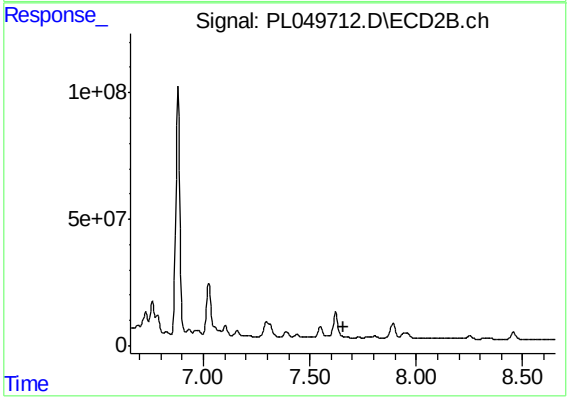
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.515 min
Response: 0
Conc: N.D.



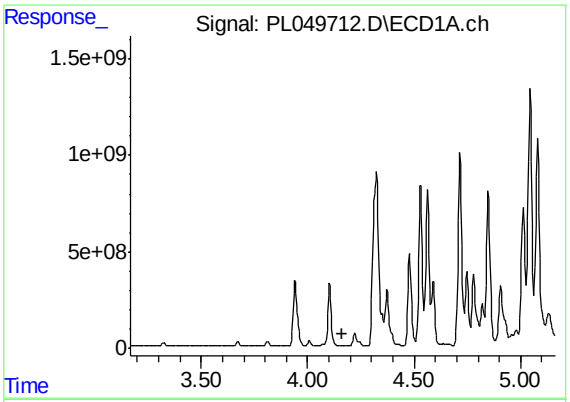
#21 Endrin ketone

R.T.: 6.973 min
Delta R.T.: 0.027 min
Response: 167179566
Conc: 11.89 ng/ml



#21 Endrin ketone

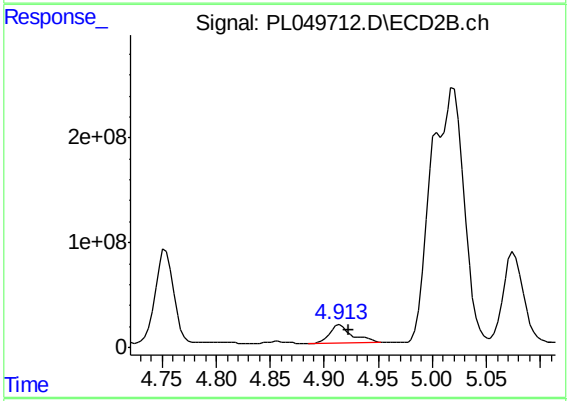
R.T.: 0.000 min
Exp R.T. : 7.657 min
Response: 0
Conc: N.D.



#23 Chlordane-1

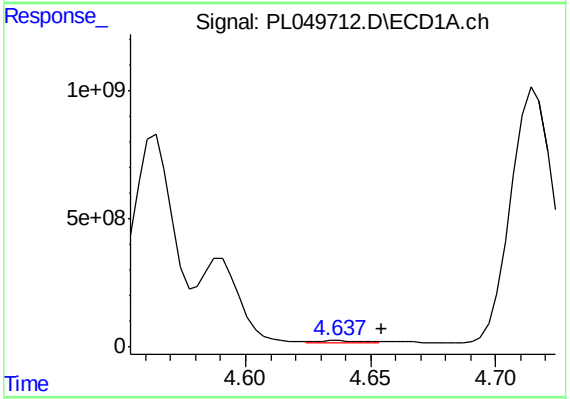
R.T.: 0.000 min
Exp R.T. : 4.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



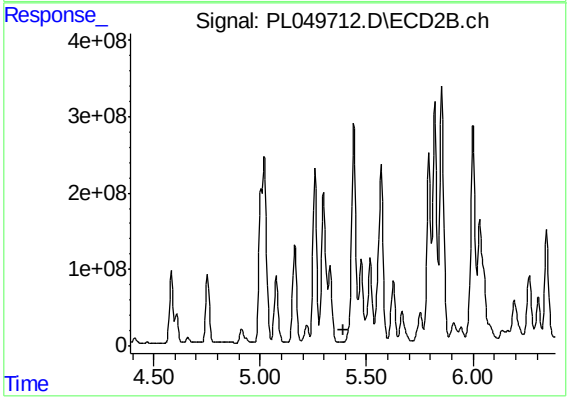
#23 Chlordane-1

R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 239106103
Conc: 1626.95 ng/ml



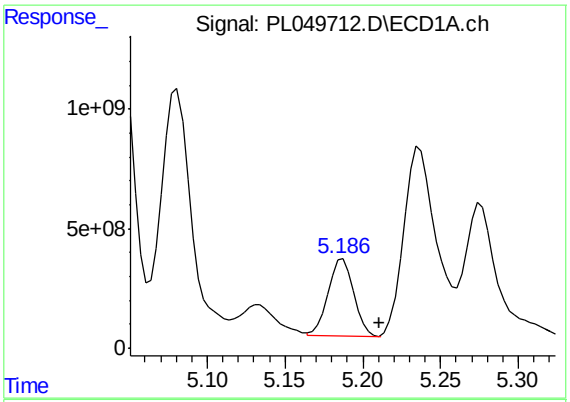
#24 Chlordane-2

R.T.: 4.638 min
Delta R.T.: -0.017 min
Response: 99940329
Conc: 171.12 ng/ml



#24 Chlordane-2

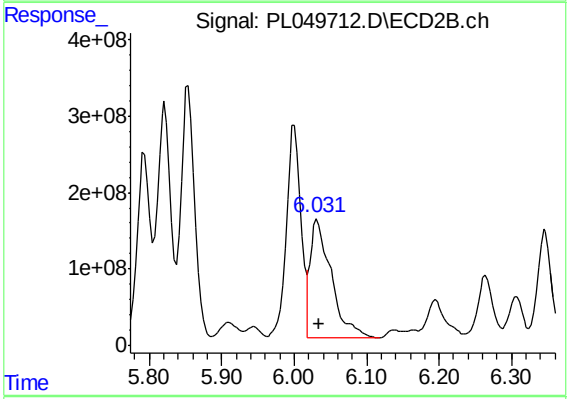
R.T.: 0.000 min
Exp R.T. : 5.390 min
Response: 0
Conc: N.D.



#25 Chlordane-3

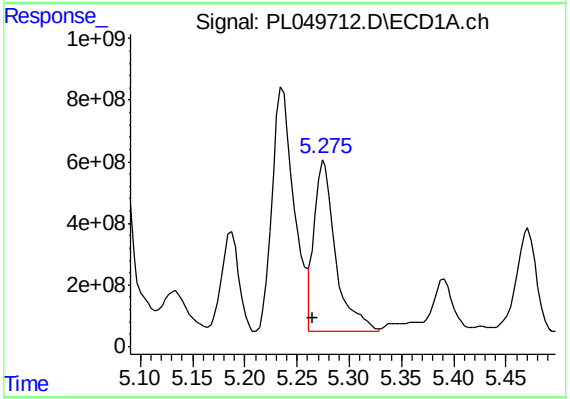
R.T.: 5.187 min
Delta R.T.: -0.023 min
Response: 3717400565
Conc: 1979.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



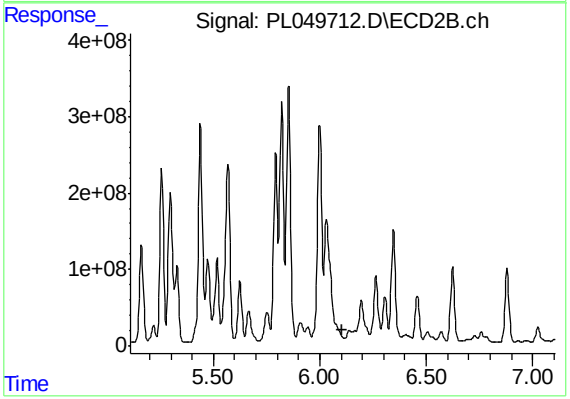
#25 Chlordane-3

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 3194418630
Conc: 6419.33 ng/ml



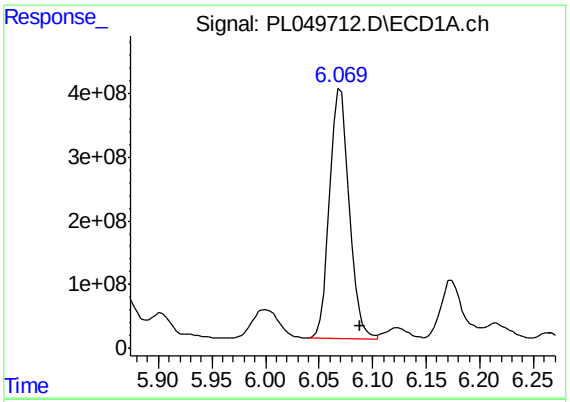
#26 Chlordane-4

R.T.: 5.276 min
Delta R.T.: 0.011 min
Response: 8218834144
Conc: 4709.55 ng/ml



#26 Chlordane-4

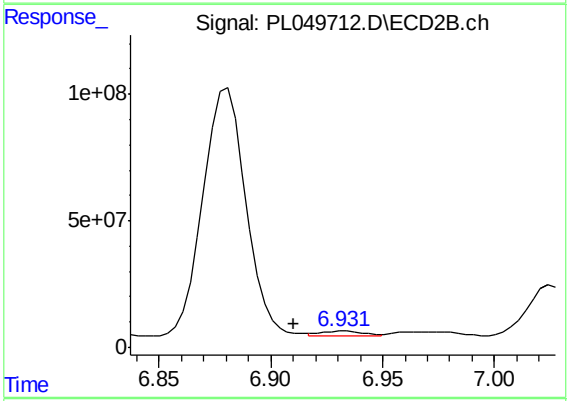
R.T.: 0.000 min
Exp R.T. : 6.107 min
Response: 0
Conc: N.D.



#27 Chlordane-5

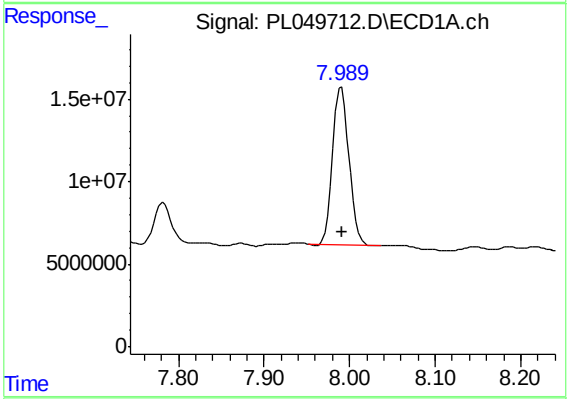
R.T.: 6.070 min
Delta R.T.: -0.018 min
Response: 5014021319
Conc: 8934.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FRAC-TANK-MUD



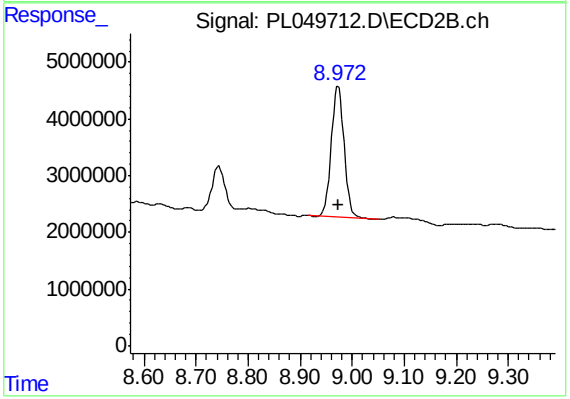
#27 Chlordane-5

R.T.: 6.933 min
Delta R.T.: 0.022 min
Response: 29253896
Conc: 257.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.002 min
Response: 126710293
Conc: 9.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 40092925
Conc: 11.94 ng/ml