Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043020\
Data File : PL058448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2020 08:56
Operator : AJ\MA
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: May 01 01:40:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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...	3.456	3.954	246.4E6	48979470	23.153	22.661	
28)	SA Decachlor...	8.202	8.973	236.7E6	48537644	21.890	21.875	
	Target Compounds							
2)	A alpha-BHC	3.893	4.340	199.5E6	33382625	10.892	10.080	
3)	MA gamma-BHC...	4.176	4.623	173.7E6	33298971	10.063	10.064	
4)	MA Heptachlor	4.496f	5.135	1380842	410691	0.078	0.119	#
5)	MB Aldrin	4.719	0.000	1253927	0	0.076	N.D.	#
6)	B beta-BHC	4.429	4.797	86063852	16113921	12.042	11.059	
7)	B delta-BHC	0.000	4.984f	0	722435	N.D.	0.287	#
8)	B Heptachlo...	5.171	5.807	4834596	752136	0.318	0.235	#
9)	A Endosulfan I	5.492	0.000	1949710	0	0.138	N.D.	#
10)	B gamma-Chl...	5.376	6.042	4081465	625042	0.265	0.185	#
11)	B alpha-Chl...	5.433f	6.134f	2272039	976571	0.150	0.287	#
12)	B 4,4'-DDE	5.615	6.274	4934142	961219	0.326	0.315	
14)	MA Endrin	6.006	6.636	711.5E6	134.1E6	52.340	52.159	
15)	B Endosulfa...	0.000	6.864f	0	1331375	N.D.	0.500	#
16)	A 4,4'-DDD	6.132	6.763	5898614	694894	0.503	0.306	#
17)	MA 4,4'-DDT	6.371	7.059	1269.2E6	235.0E6	108.767	107.316	
18)	B Endrin al...	6.440	6.968	11818274	929056	1.114	0.426	#
20)	A Methoxychlor	6.916	7.519	1518.5E6	302.6E6	255.566	244.174	
21)	B Endrin ke...	7.148	7.660	11146388	1935342	0.941	0.794	
22)	Mirex	7.325	0.000	1569451	0	0.177	N.D.	#
23)	Chlordane-1	4.352f	0.000	6862053	0	15.964	N.D.	#
24)	Chlordane-2	4.833	0.000	359400	0	0.865	N.D.	#
25)	Chlordane-3	5.376f	6.042	4081465	625042	3.107	1.563	#
26)	Chlordane-4	5.433f	6.134f	2272039	976571	2.070	2.009	
27)	Chlordane-5	6.313f	6.929	1957737	1272119	4.813	16.991	#

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

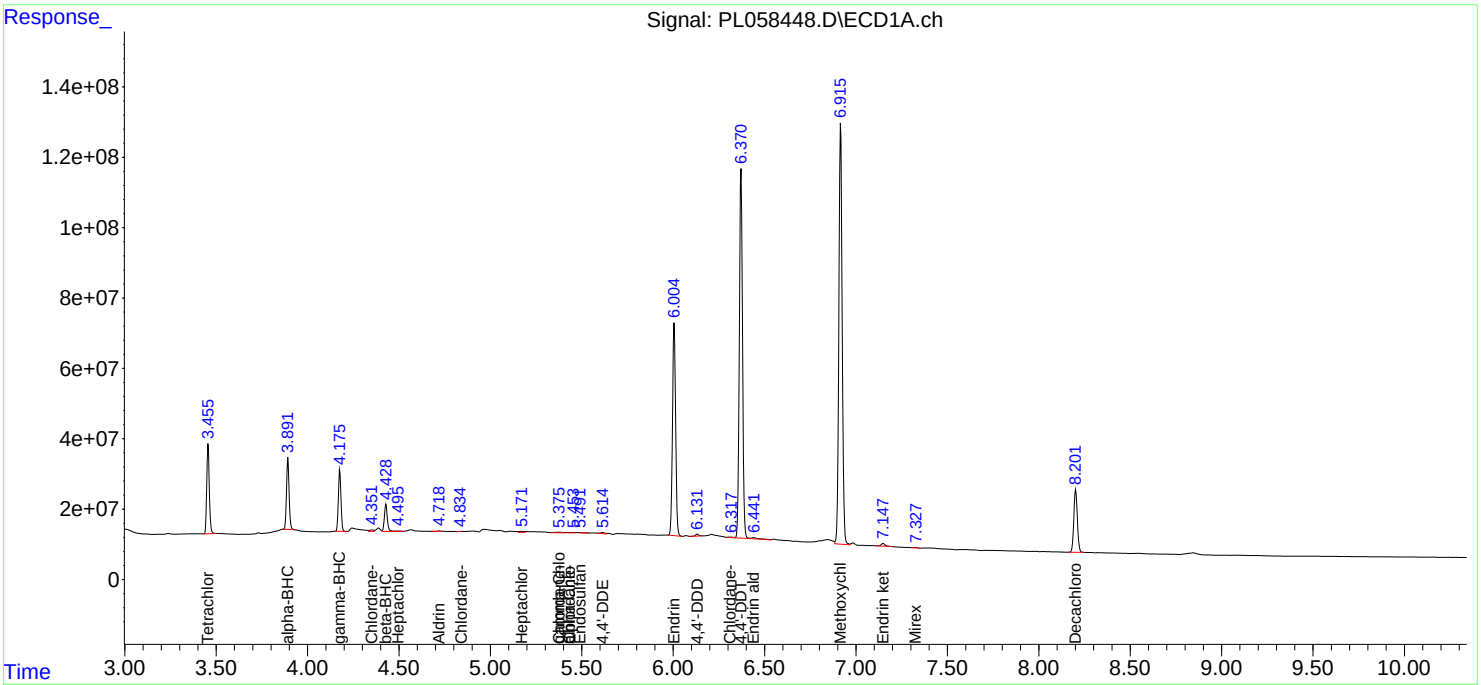
Quantitation Report (Not Reviewed)

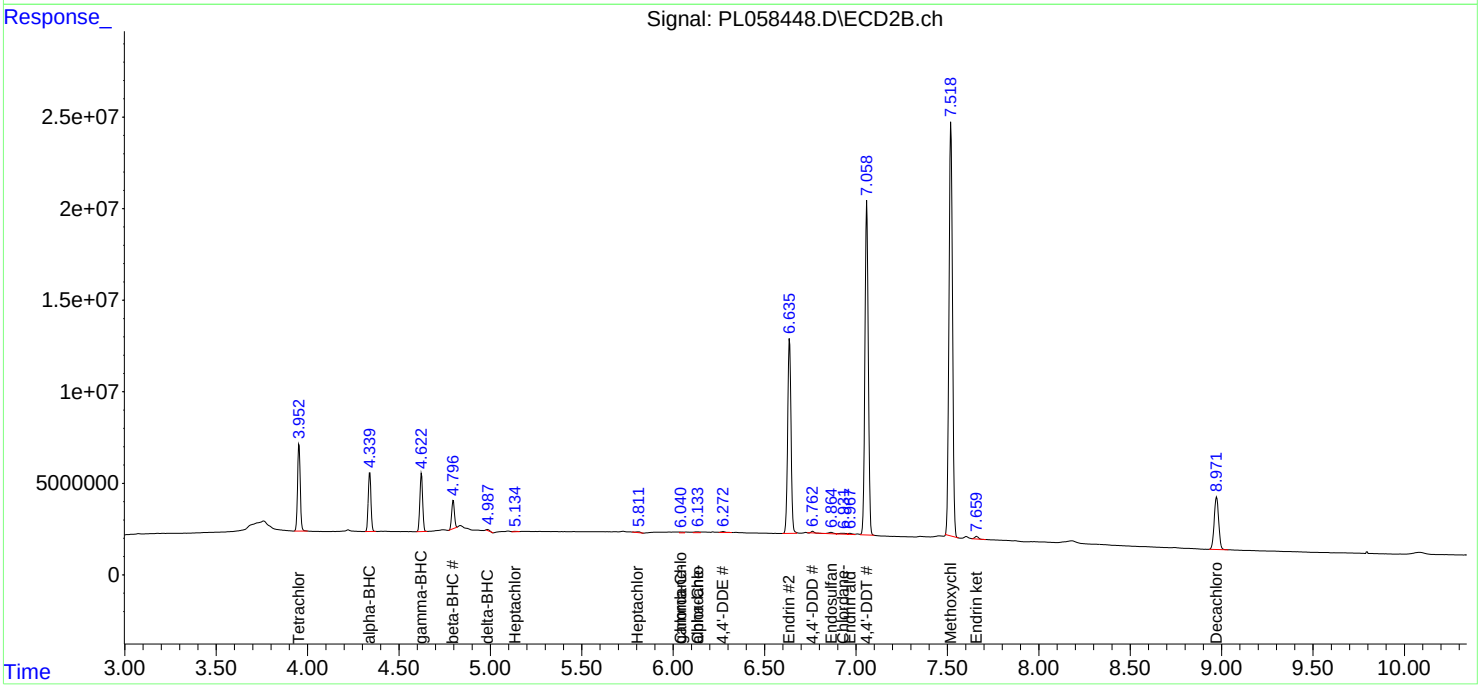
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043020\
Data File : PL058448.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2020 08:56
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

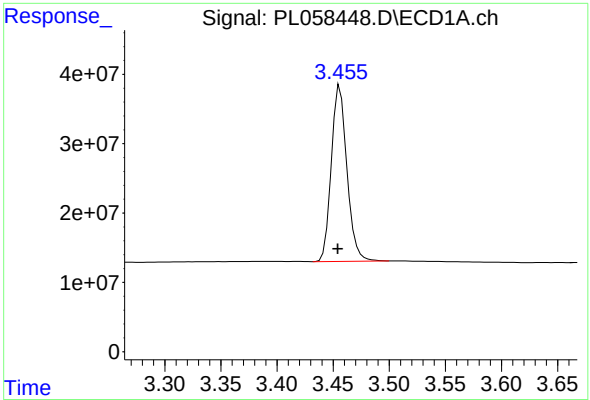
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:40:50 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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



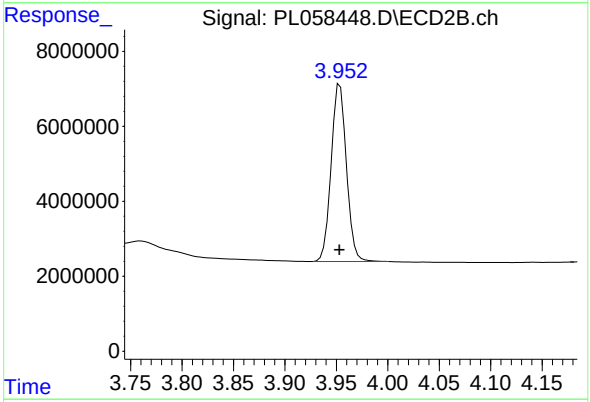




#1 Tetrachloro-m-xylene

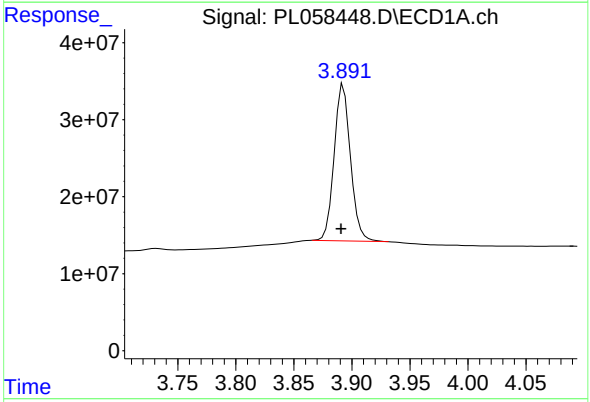
R.T.: 3.456 min
Delta R.T.: 0.002 min
Response: 246395480
Conc: 23.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



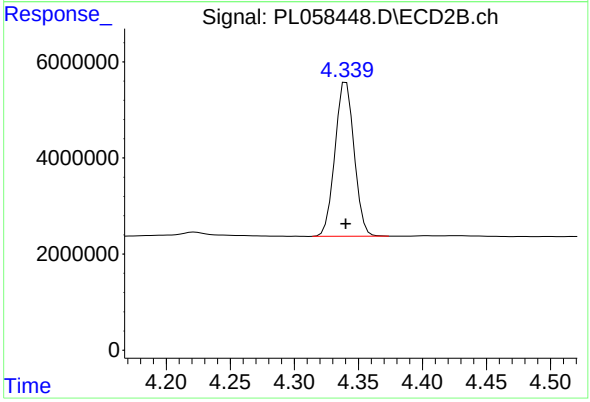
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 48979470
Conc: 22.66 ng/ml



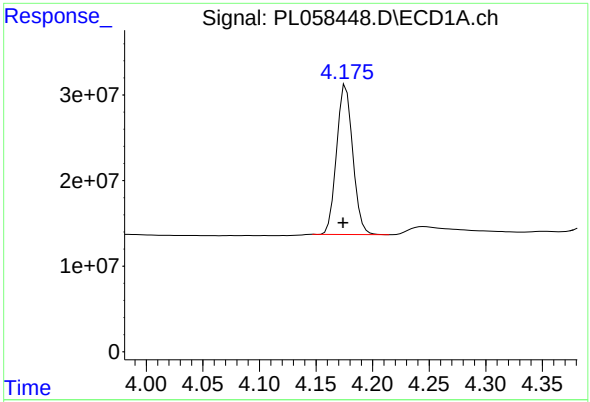
#2 alpha-BHC

R.T.: 3.893 min
Delta R.T.: 0.002 min
Response: 199475657
Conc: 10.89 ng/ml



#2 alpha-BHC

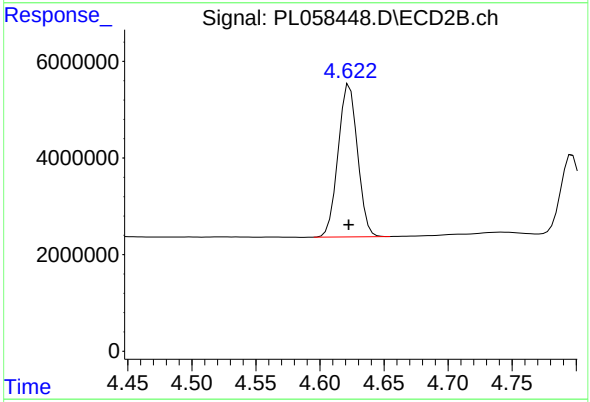
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 33382625
Conc: 10.08 ng/ml



#3 gamma-BHC (Lindane)

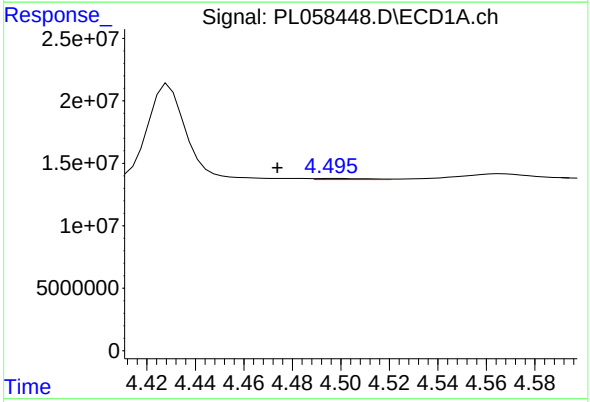
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 173711818
Conc: 10.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



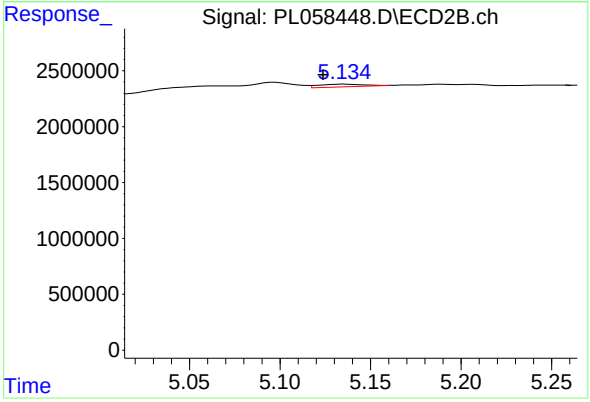
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 33298971
Conc: 10.06 ng/ml



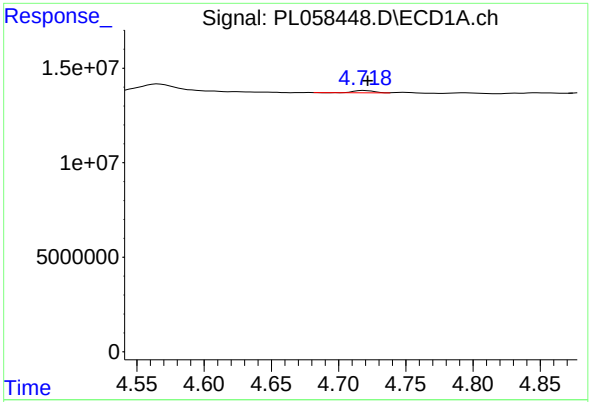
#4 Heptachlor

R.T.: 4.496 min
Delta R.T.: 0.022 min
Response: 1380842
Conc: 0.08 ng/ml



#4 Heptachlor

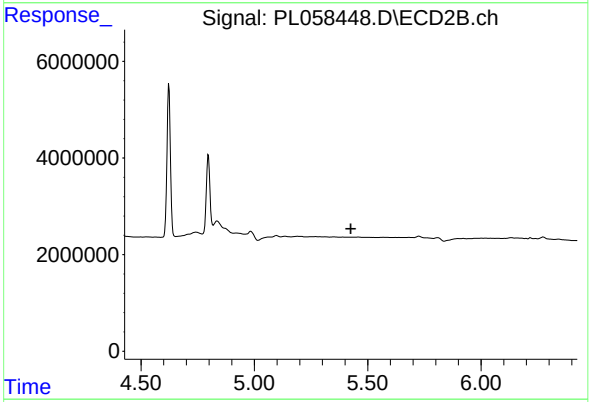
R.T.: 5.135 min
Delta R.T.: 0.012 min
Response: 410691
Conc: 0.12 ng/ml



#5 Aldrin

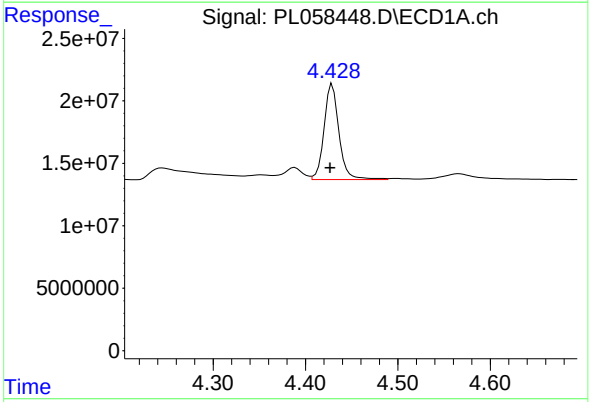
R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 1253927
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



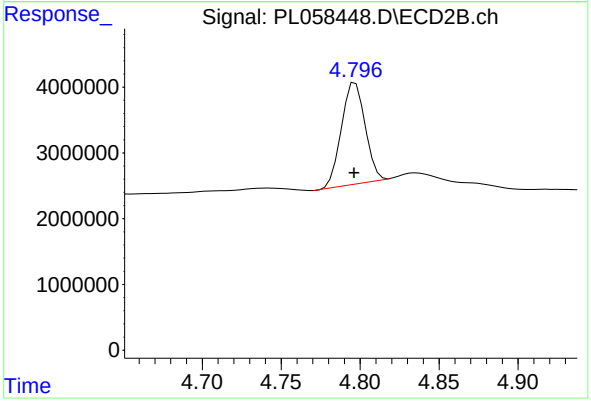
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.425 min
Response: 0
Conc: N.D.



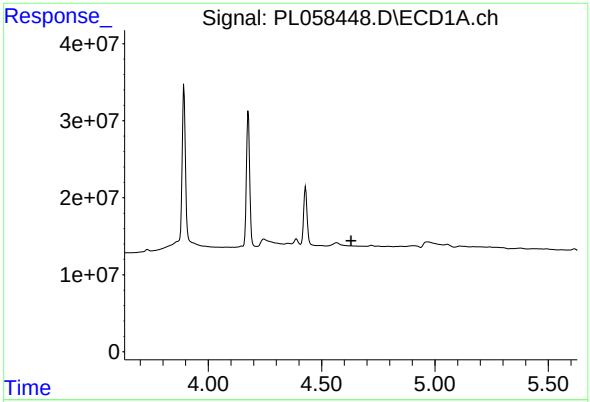
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.003 min
Response: 86063852
Conc: 12.04 ng/ml



#6 beta-BHC

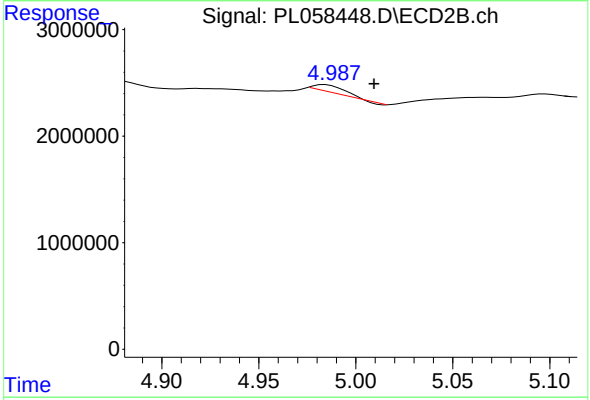
R.T.: 4.797 min
Delta R.T.: 0.000 min
Response: 16113921
Conc: 11.06 ng/ml



#7 delta-BHC

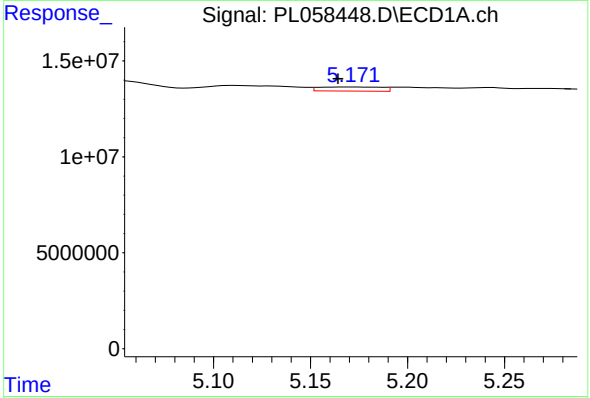
R.T.: 0.000 min
Exp R.T. : 4.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



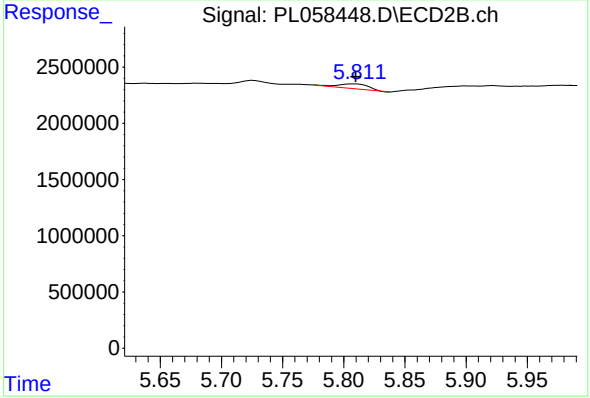
#7 delta-BHC

R.T.: 4.984 min
Delta R.T.: -0.025 min
Response: 722435
Conc: 0.29 ng/ml



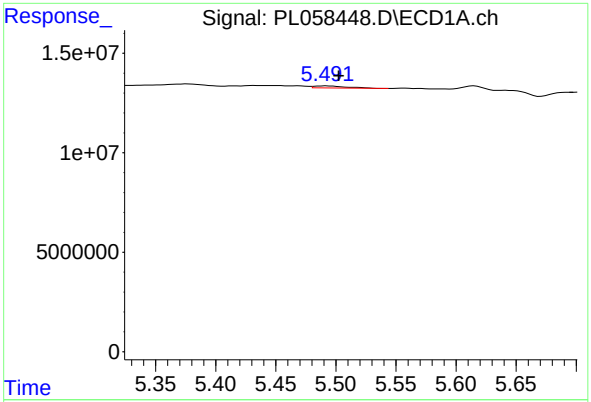
#8 Heptachlor epoxide

R.T.: 5.171 min
Delta R.T.: 0.007 min
Response: 4834596
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

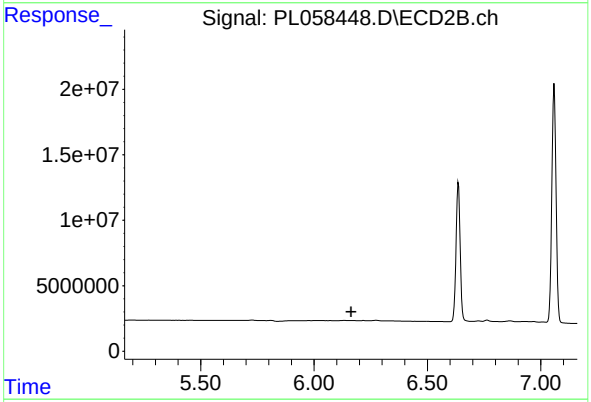
R.T.: 5.807 min
Delta R.T.: -0.002 min
Response: 752136
Conc: 0.23 ng/ml



#9 Endosulfan I

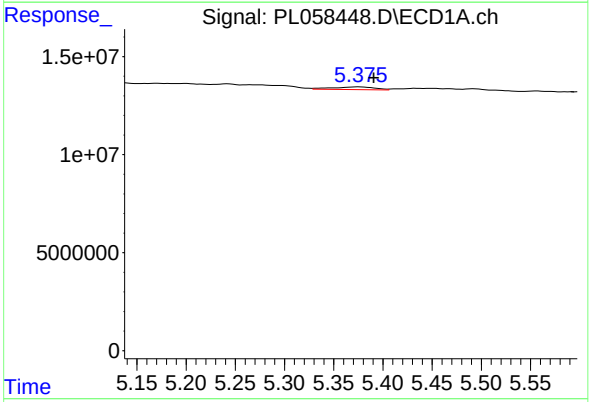
R.T.: 5.492 min
Delta R.T.: -0.011 min
Response: 1949710
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



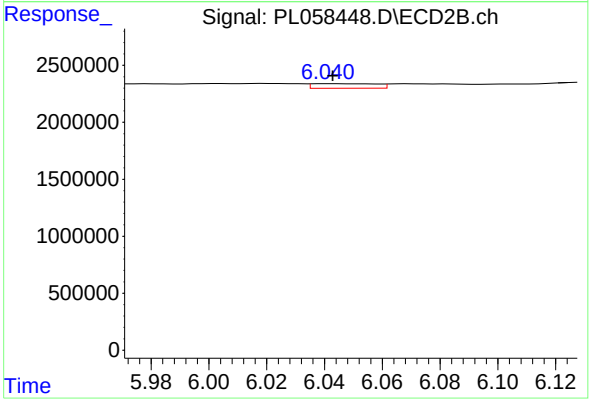
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



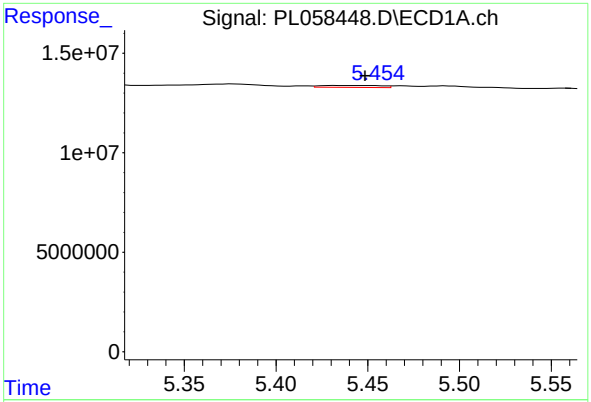
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: -0.014 min
Response: 4081465
Conc: 0.27 ng/ml



#10 gamma-Chlordane

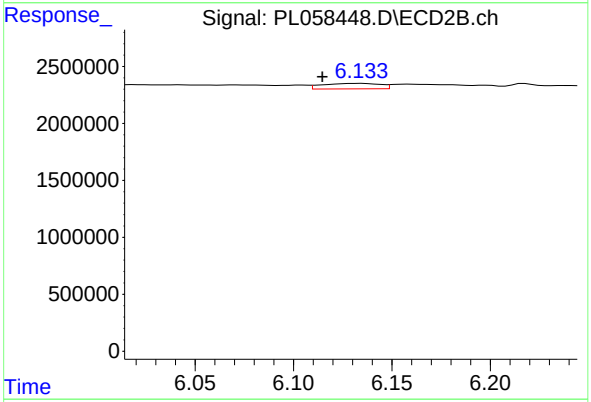
R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 625042
Conc: 0.19 ng/ml



#11 alpha-Chlordane

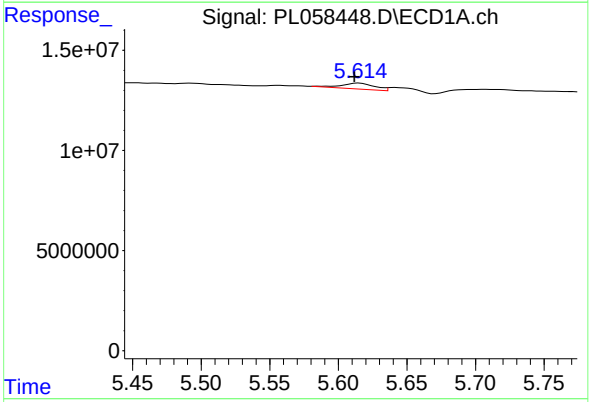
R.T.: 5.433 min
Delta R.T.: -0.016 min
Response: 2272039
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



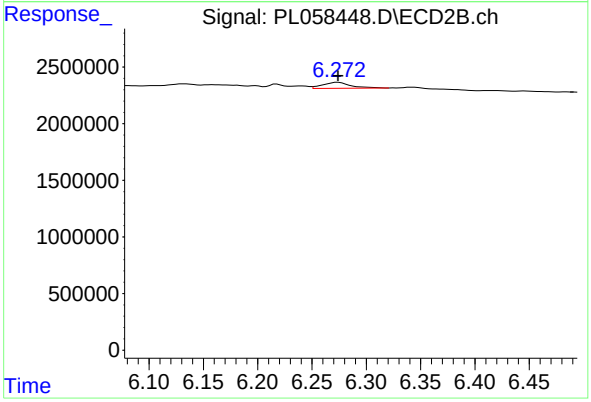
#11 alpha-Chlordane

R.T.: 6.134 min
Delta R.T.: 0.019 min
Response: 976571
Conc: 0.29 ng/ml



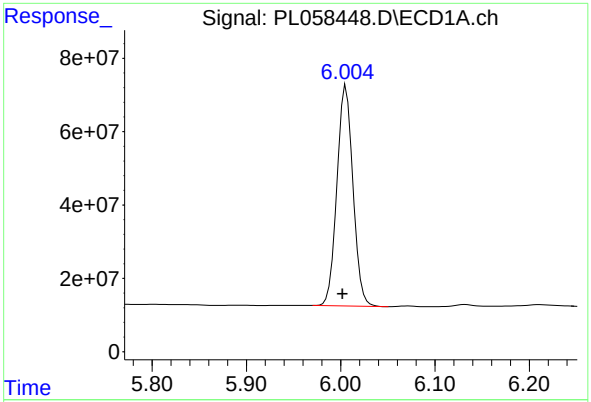
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: 0.004 min
Response: 4934142
Conc: 0.33 ng/ml



#12 4,4'-DDE

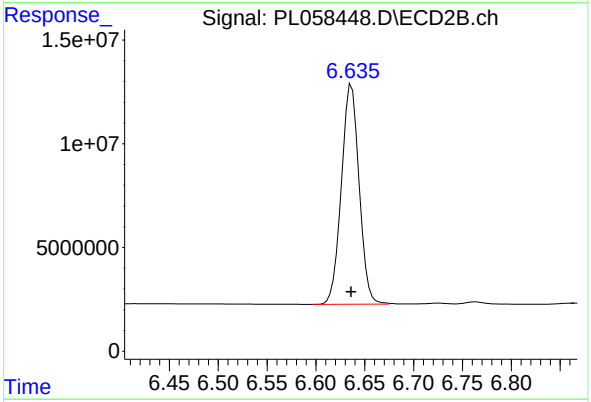
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 961219
Conc: 0.32 ng/ml



#14 Endrin

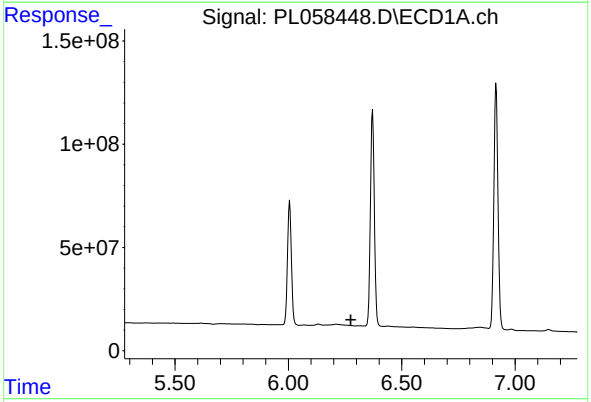
R.T.: 6.006 min
Delta R.T.: 0.004 min
Response: 711489713
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



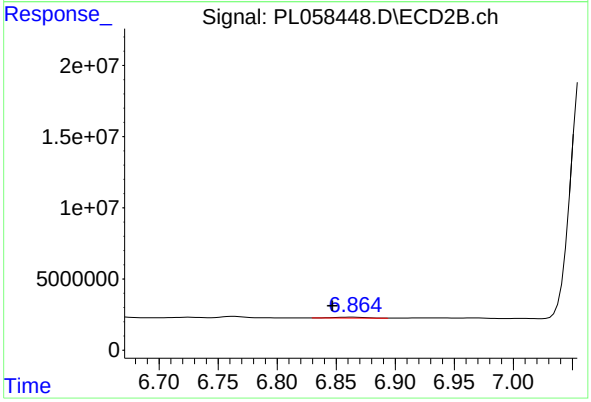
#14 Endrin

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 134102037
Conc: 52.16 ng/ml



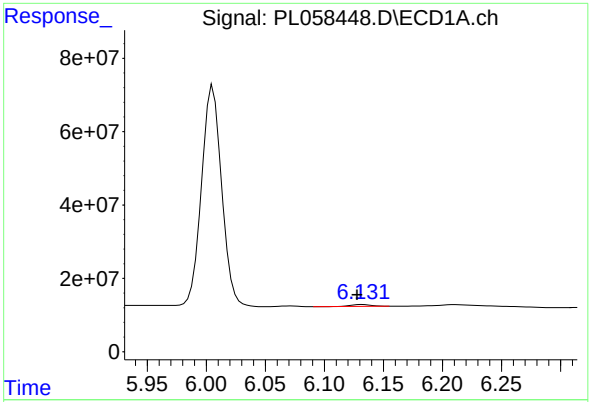
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.275 min
Response: 0
Conc: N.D.



#15 Endosulfan II

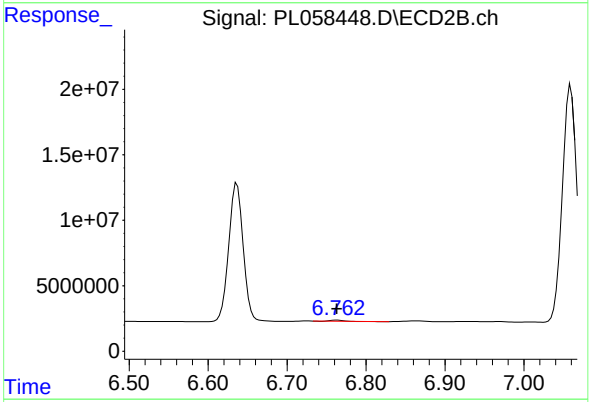
R.T.: 6.864 min
Delta R.T.: 0.018 min
Response: 1331375
Conc: 0.50 ng/ml



#16 4,4'-DDD

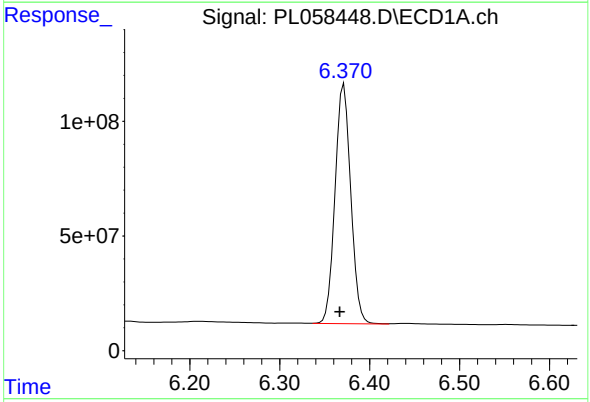
R.T.: 6.132 min
Delta R.T.: 0.004 min
Response: 5898614
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



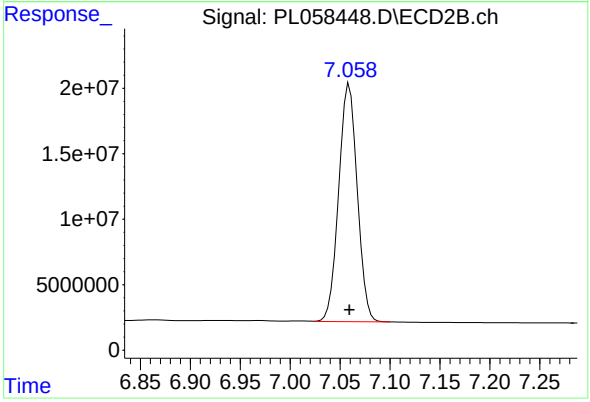
#16 4,4'-DDD

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 694894
Conc: 0.31 ng/ml



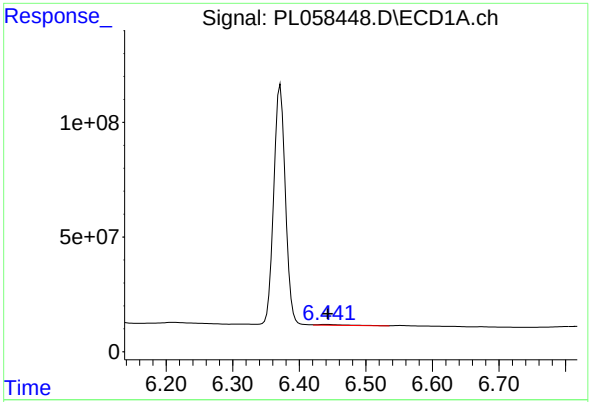
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 1269176293
Conc: 108.77 ng/ml



#17 4,4'-DDT

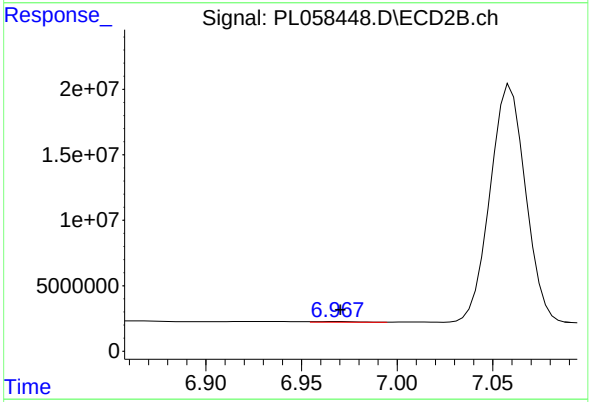
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 234982621
Conc: 107.32 ng/ml



#18 Endrin aldehyde

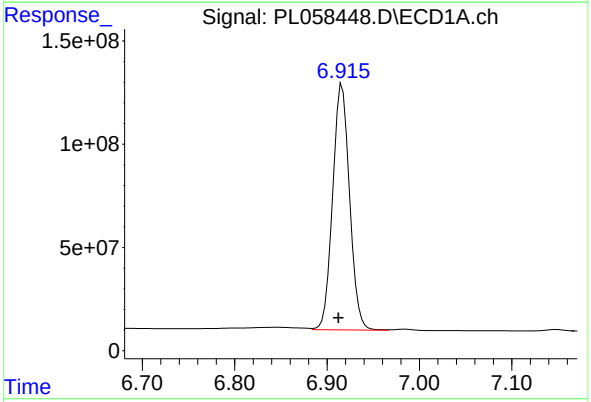
R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 11818274
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



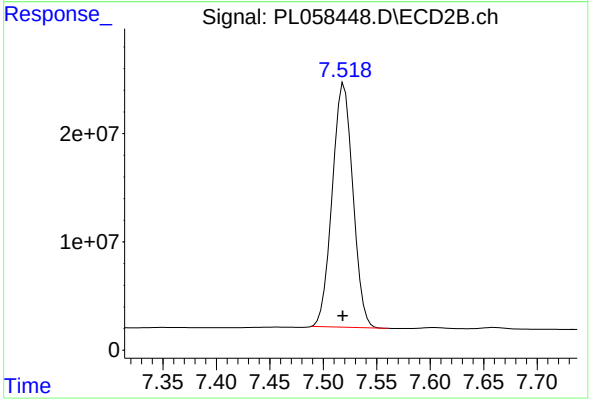
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 929056
Conc: 0.43 ng/ml



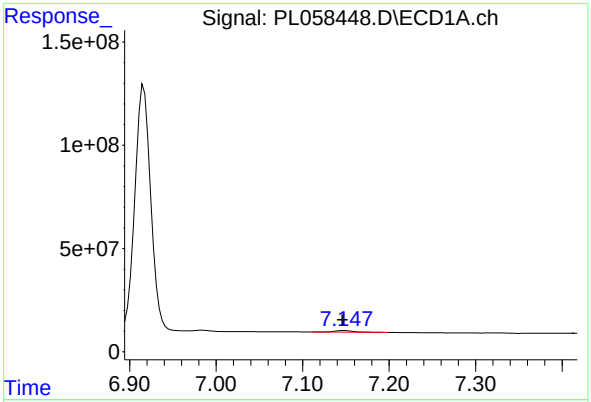
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 1518505234
Conc: 255.57 ng/ml



#20 Methoxychlor

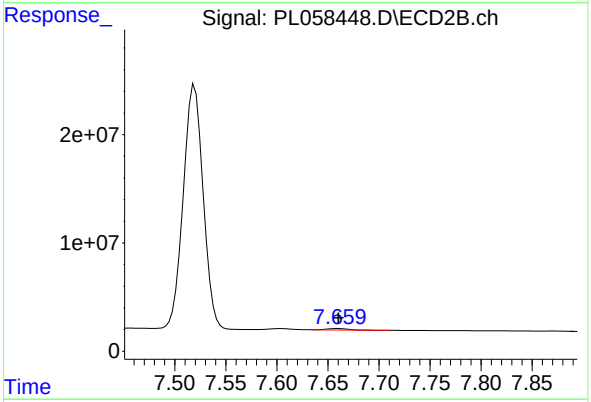
R.T.: 7.519 min
Delta R.T.: 0.001 min
Response: 302638104
Conc: 244.17 ng/ml



#21 Endrin ketone

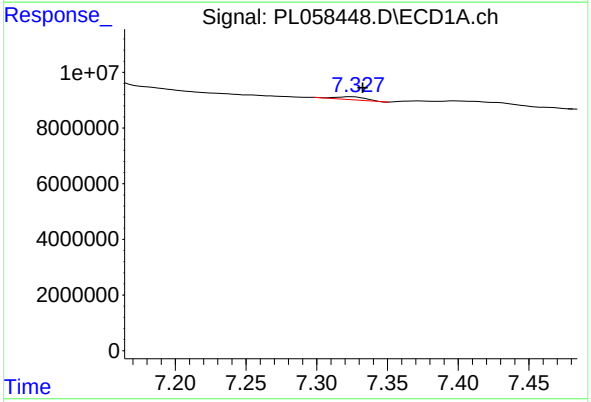
R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 11146388
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



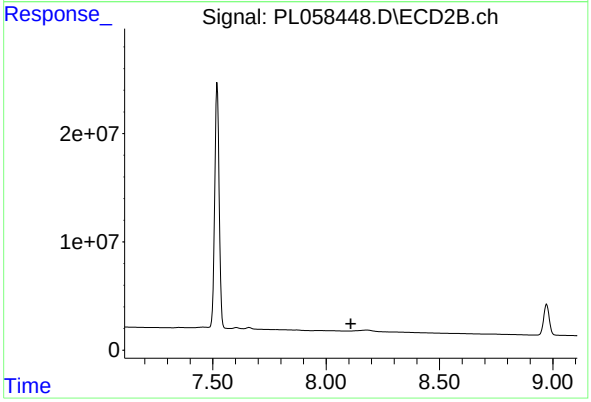
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 1935342
Conc: 0.79 ng/ml



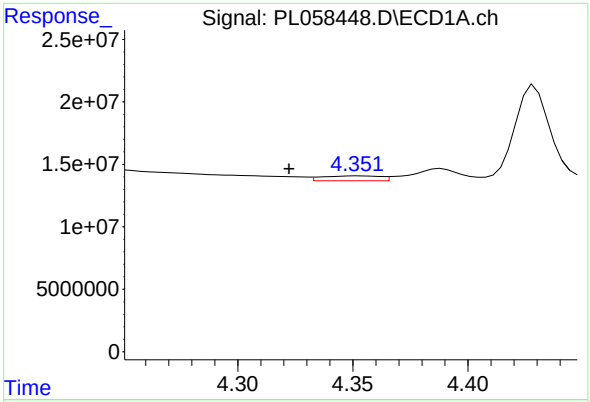
#22 Mirex

R.T.: 7.325 min
Delta R.T.: -0.008 min
Response: 1569451
Conc: 0.18 ng/ml



#22 Mirex

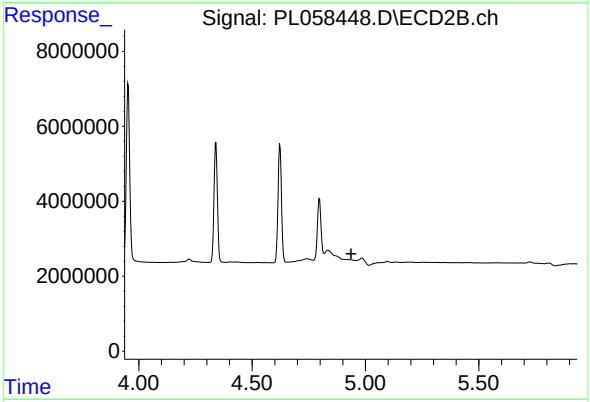
R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#23 Chlordane-1

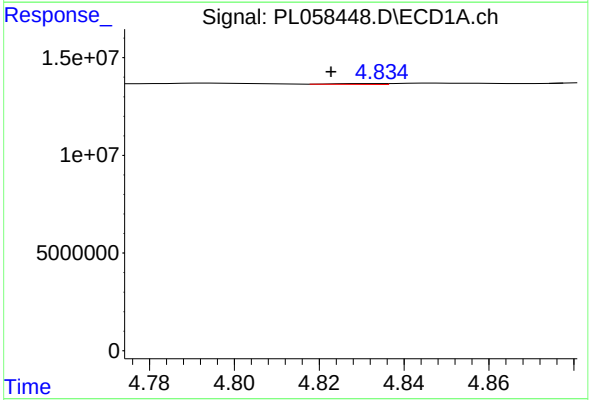
R.T.: 4.352 min
Delta R.T.: 0.030 min
Response: 6862053
Conc: 15.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



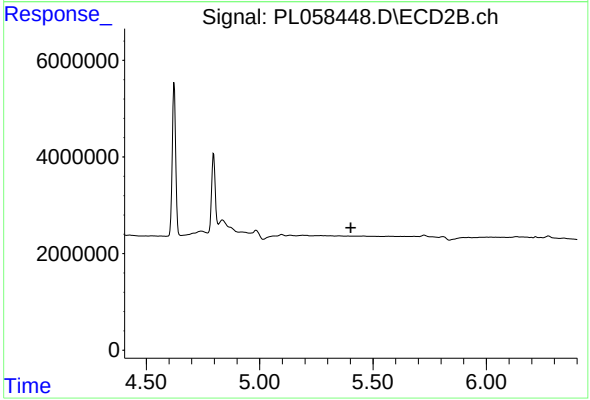
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



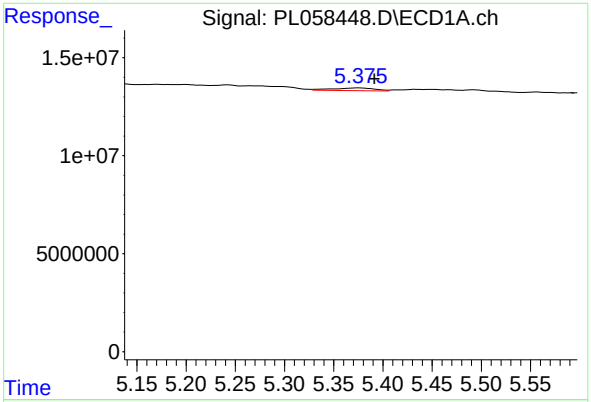
#24 Chlordane-2

R.T.: 4.833 min
Delta R.T.: 0.010 min
Response: 359400
Conc: 0.87 ng/ml



#24 Chlordane-2

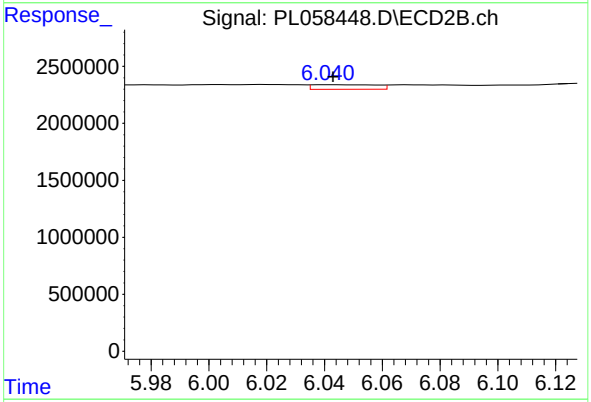
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



#25 Chlordane-3

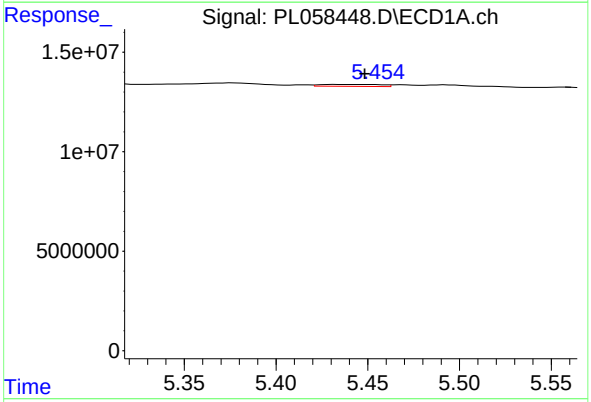
R.T.: 5.376 min
Delta R.T.: -0.015 min
Response: 4081465
Conc: 3.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



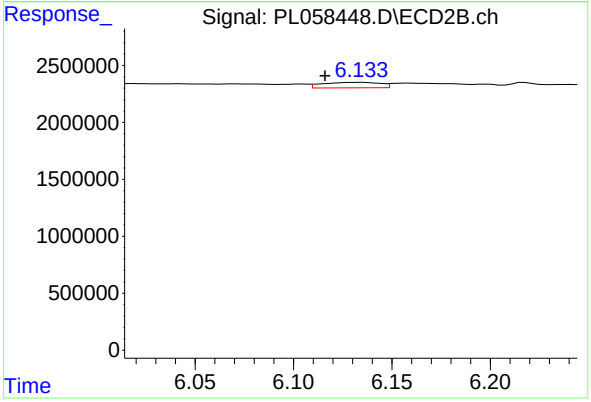
#25 Chlordane-3

R.T.: 6.042 min
Delta R.T.: -0.001 min
Response: 625042
Conc: 1.56 ng/ml



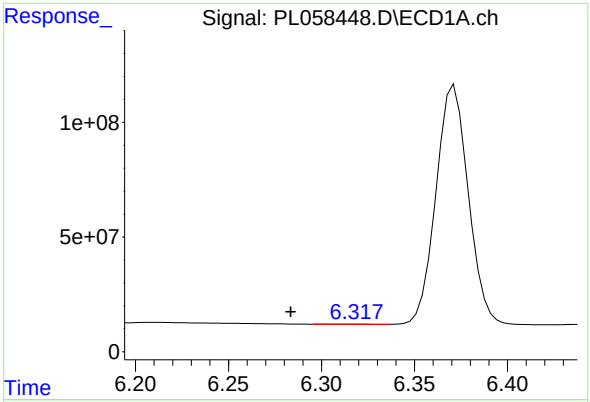
#26 Chlordane-4

R.T.: 5.433 min
Delta R.T.: -0.016 min
Response: 2272039
Conc: 2.07 ng/ml



#26 Chlordane-4

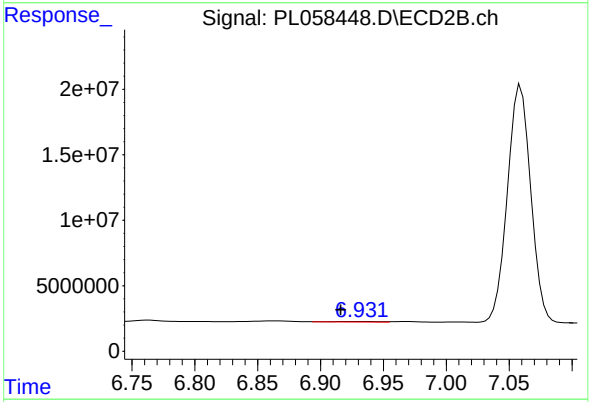
R.T.: 6.134 min
Delta R.T.: 0.018 min
Response: 976571
Conc: 2.01 ng/ml



#27 Chlordane-5

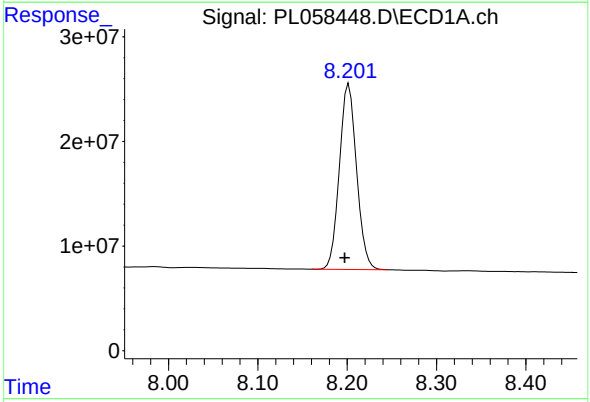
R.T.: 6.313 min
Delta R.T.: 0.030 min
Response: 1957737
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



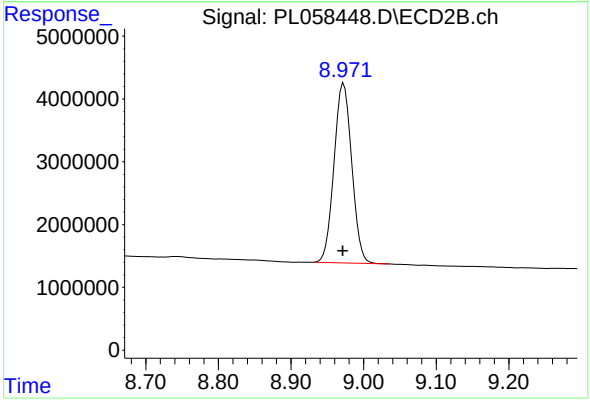
#27 Chlordane-5

R.T.: 6.929 min
Delta R.T.: 0.013 min
Response: 1272119
Conc: 16.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min
Delta R.T.: 0.005 min
Response: 236730006
Conc: 21.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min
Delta R.T.: 0.001 min
Response: 48537644
Conc: 21.88 ng/ml