

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120318\
 Data File : PL042765.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2018 09:45
 Operator : AJ\SJ
 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: Dec 04 12:02:55 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112018.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 20 02:29:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.466	4.101	112.8E6	60419159	19.178	21.007
28)	SA Decachlor...	8.205	9.232	122.9E6	49712494	19.501	20.612
Target Compounds							
2)	A alpha-BHC	3.906	4.496	79670444	43998961	8.829	10.274
3)	MA gamma-BHC...	4.189	4.785	73746516	42046858	8.948	10.640
4)	MA Heptachlor	4.443f	0.000	35301113	0	4.057	N.D. #
6)	B beta-BHC	4.443	4.954	35301113	15963674	9.964	10.118
8)	B Heptachlo...	0.000	5.993	0	6521721	N.D.	1.819 #
10)	B gamma-Chl...	5.399	0.000	2839131	0	0.372	N.D. #
11)	B alpha-Chl...	5.399f	0.000	2839131	0	0.378	N.D. #
12)	B 4,4'-DDE	5.622	0.000	4914040	0	0.751	N.D. #
13)	MA Dieldrin	0.000	6.624	0	1907378	N.D.	0.573 #
14)	MA Endrin	6.010	6.835	309.1E6	134.6E6	47.263	48.863
15)	B Endosulfa...	6.284	7.044	4332951	3190295	0.693	1.155 #
16)	A 4,4'-DDD	6.138	6.952	18460493	11891679	3.487	4.518 #
17)	MA 4,4'-DDT	6.377	7.253	547.8E6	266.1E6	98.407	100.761
18)	B Endrin al...	6.452	7.168	8664235	3599909	1.667	1.570
20)	A Methoxychlor	6.923	7.709	701.3E6	317.1E6	222.376	232.541
21)	B Endrin ke...	7.154	7.866	20971377	8029663	3.029	2.905
23)	Chlordane-1	4.400	0.000	3513796	0	12.709	N.D. #
25)	Chlordane-3	5.399	0.000	2839131	0	3.239	N.D. #
26)	Chlordane-4	5.399	0.000	2839131	0	3.741	N.D. #
27)	Chlordane-5	6.284	7.168	4332951	3599909	14.541	37.423 #

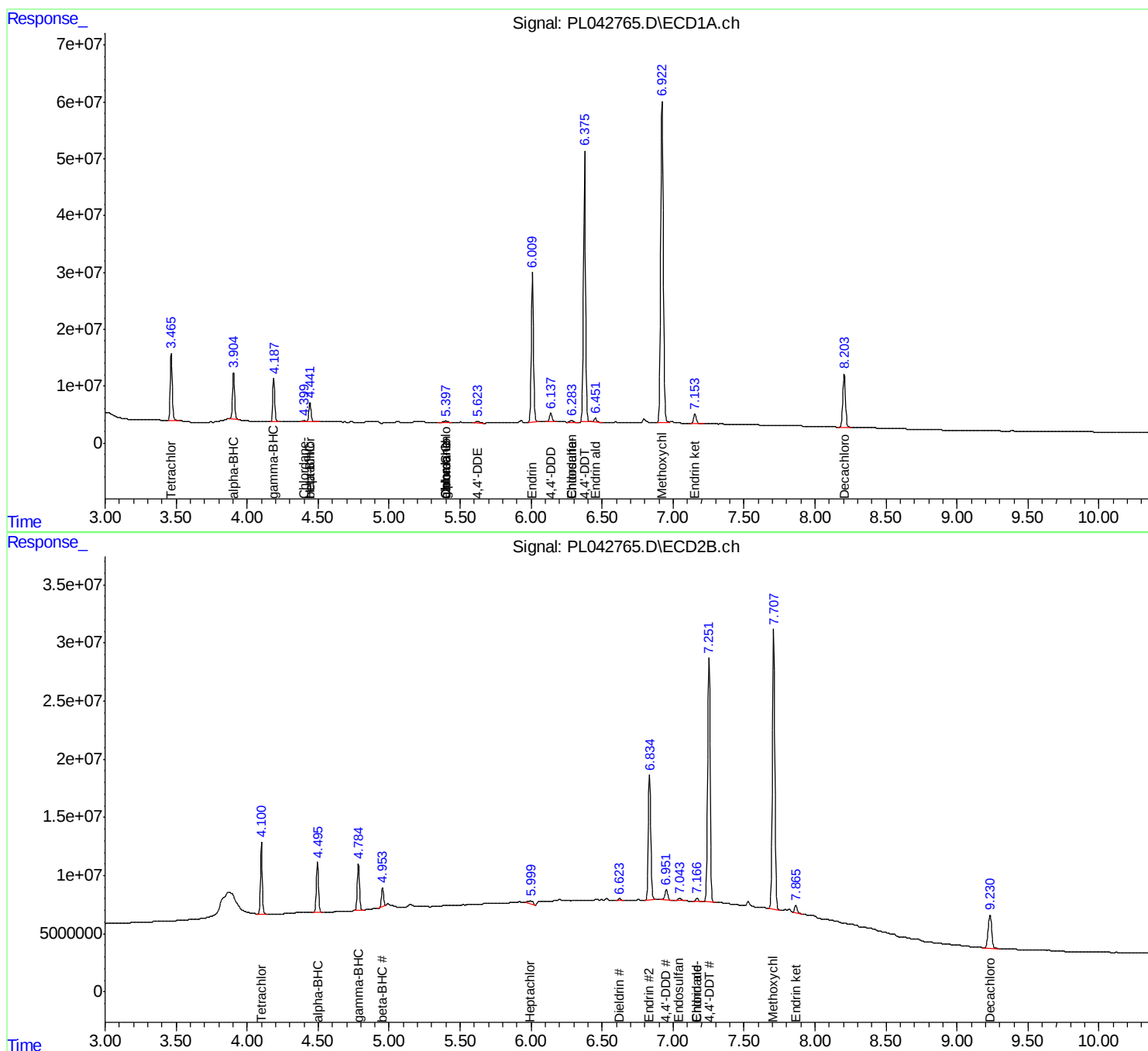
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

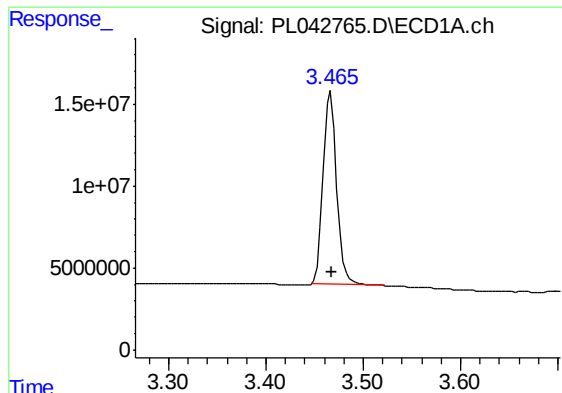
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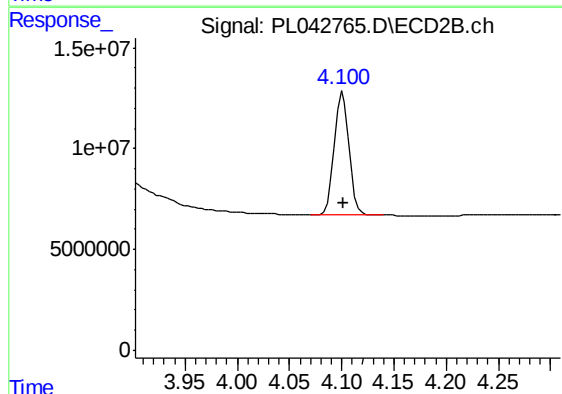




#1 Tetrachloro-m-xylene

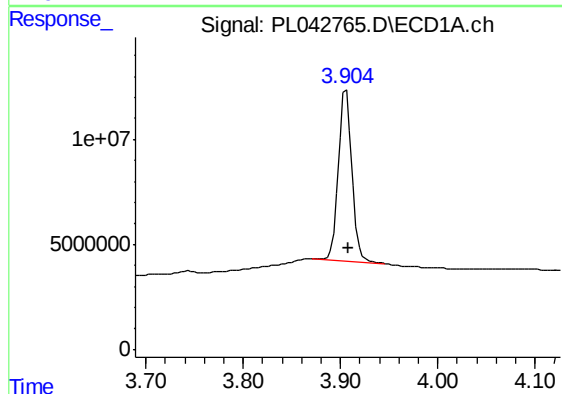
R.T.: 3.466 min
Delta R.T.: -0.002 min
Response: 112832020
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



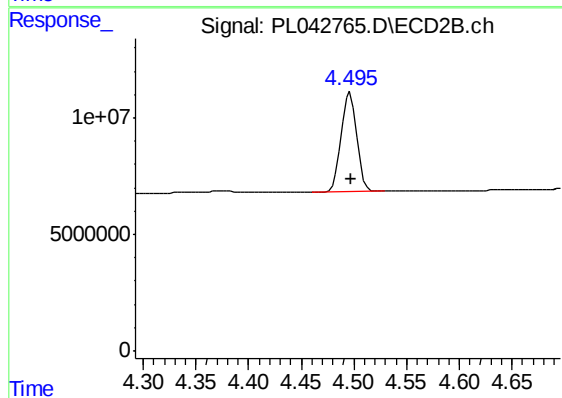
#1 Tetrachloro-m-xylene

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 60419159
Conc: 21.01 ng/ml



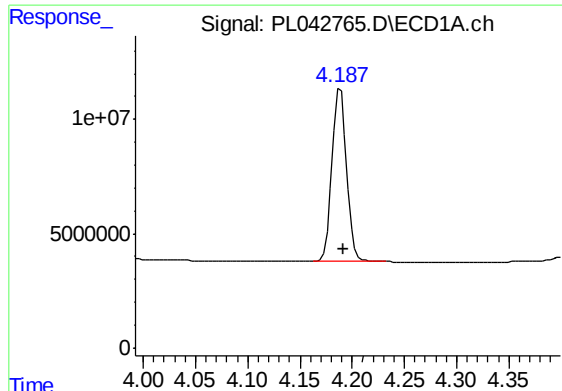
#2 alpha-BHC

R.T.: 3.906 min
Delta R.T.: -0.002 min
Response: 79670444
Conc: 8.83 ng/ml



#2 alpha-BHC

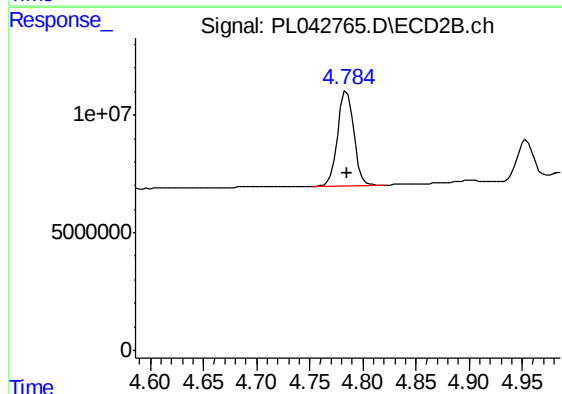
R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 43998961
Conc: 10.27 ng/ml



#3 gamma-BHC (Lindane)

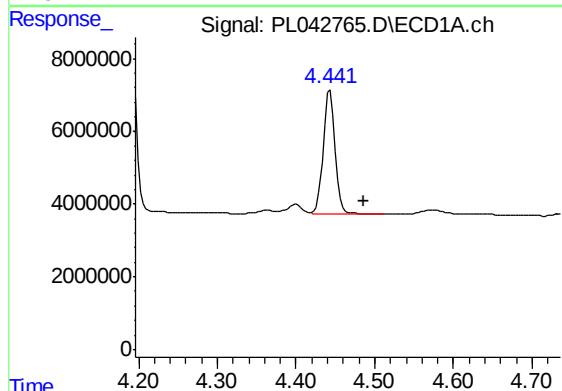
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 73746516
Conc: 8.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



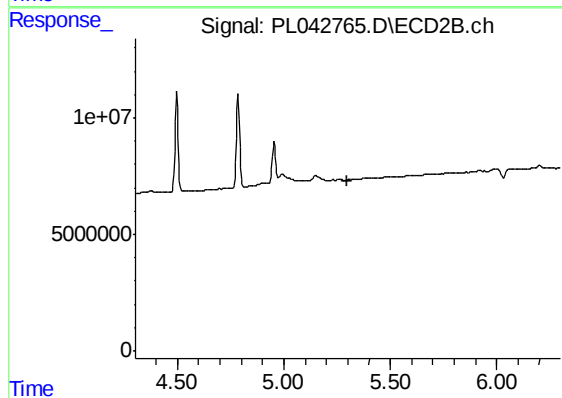
#3 gamma-BHC (Lindane)

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 42046858
Conc: 10.64 ng/ml



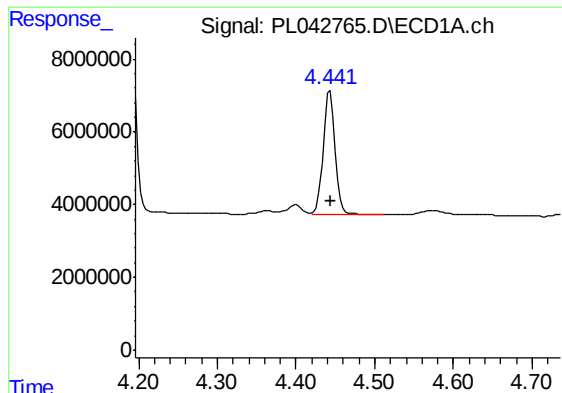
#4 Heptachlor

R.T.: 4.443 min
Delta R.T.: -0.044 min
Response: 35301113
Conc: 4.06 ng/ml



#4 Heptachlor

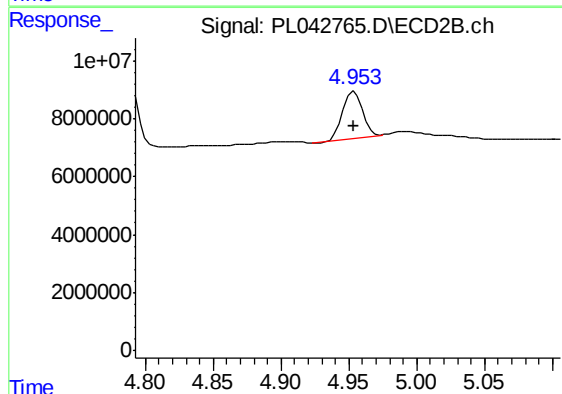
R.T.: 0.000 min
Exp R.T. : 5.301 min
Response: 0
Conc: N.D.



#6 beta-BHC

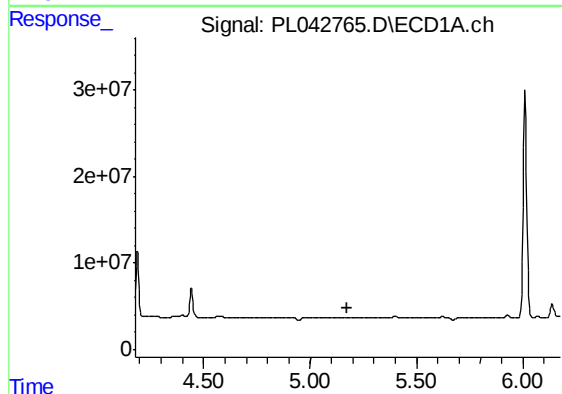
R.T.: 4.443 min
Delta R.T.: -0.002 min
Response: 35301113
Conc: 9.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



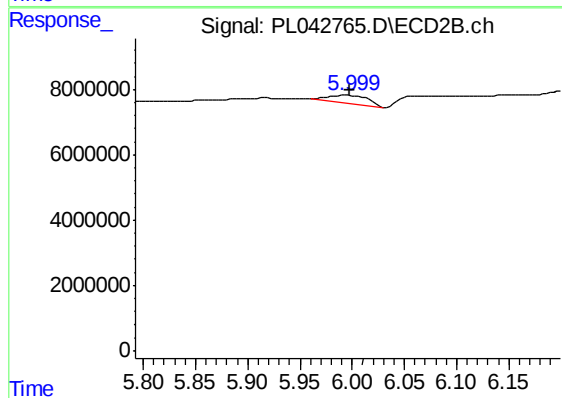
#6 beta-BHC

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 15963674
Conc: 10.12 ng/ml



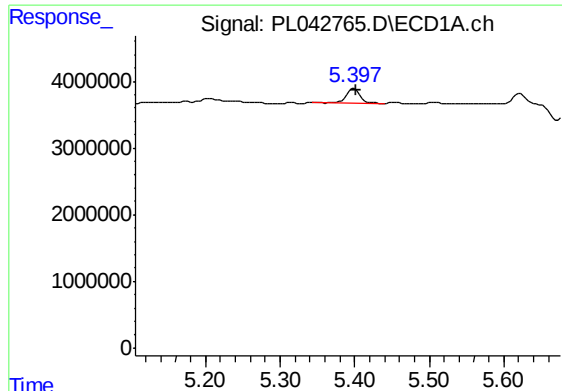
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

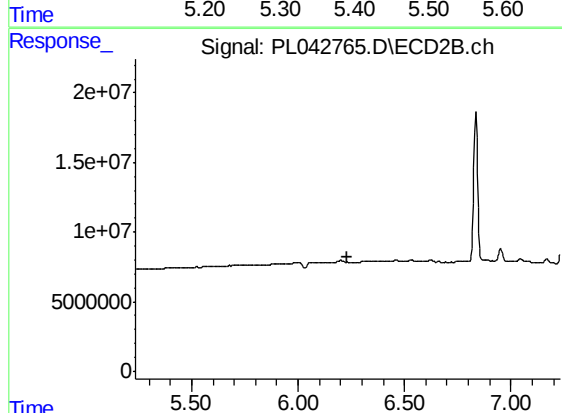
R.T.: 5.993 min
Delta R.T.: -0.005 min
Response: 6521721
Conc: 1.82 ng/ml



#10 gamma-Chlordane

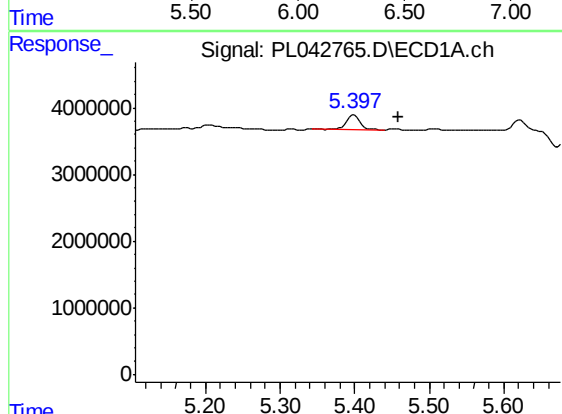
R.T.: 5.399 min
Delta R.T.: -0.003 min
Response: 2839131
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



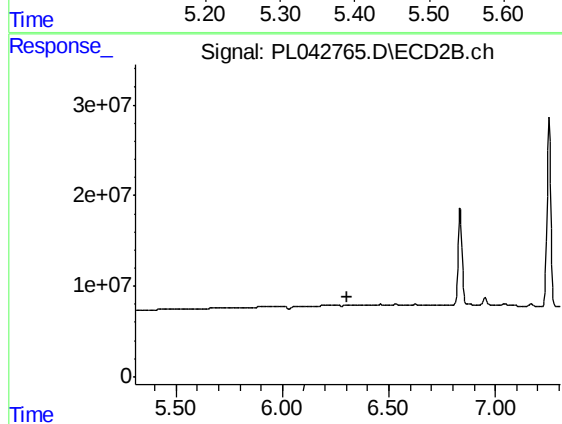
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



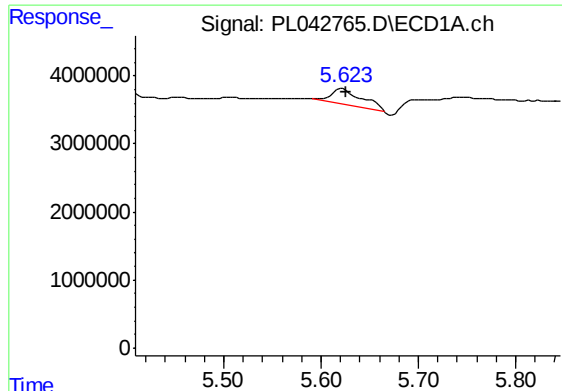
#11 alpha-Chlordane

R.T.: 5.399 min
Delta R.T.: -0.061 min
Response: 2839131
Conc: 0.38 ng/ml



#11 alpha-Chlordane

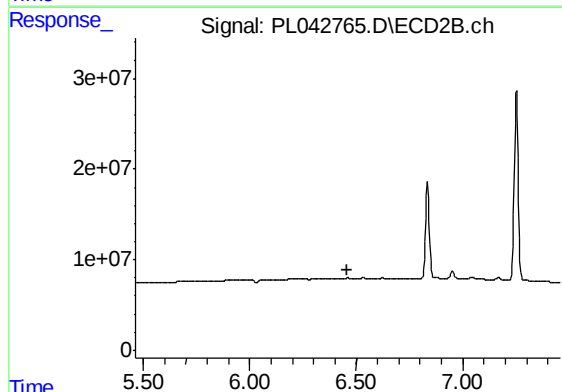
R.T.: 0.000 min
Exp R.T. : 6.307 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

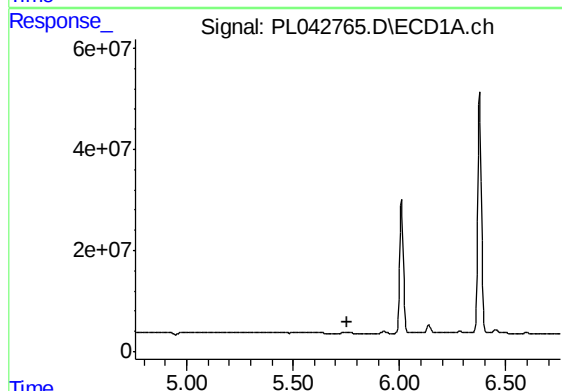
R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 4914040
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



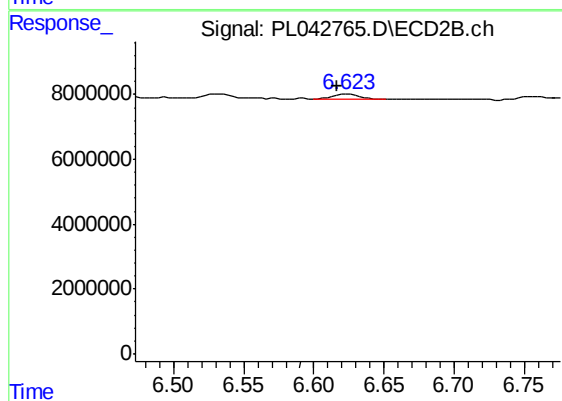
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.461 min
Response: 0
Conc: N.D.



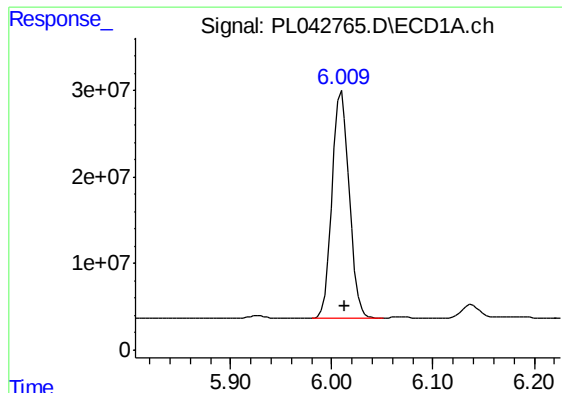
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.756 min
Response: 0
Conc: N.D.



#13 Dieldrin

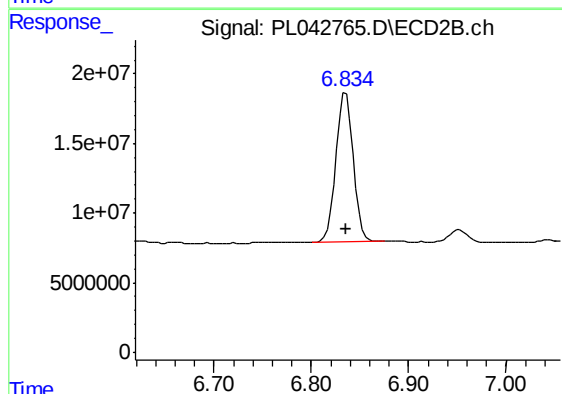
R.T.: 6.624 min
Delta R.T.: 0.007 min
Response: 1907378
Conc: 0.57 ng/ml



#14 Endrin

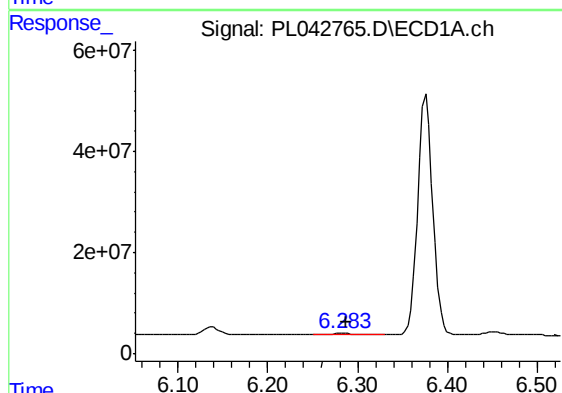
R.T.: 6.010 min
Delta R.T.: -0.003 min
Response: 309117171
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



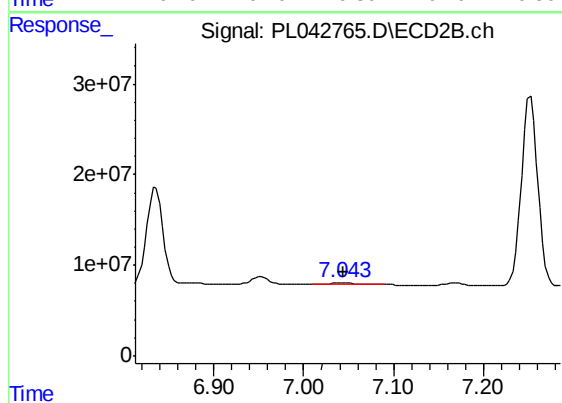
#14 Endrin

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 134595911
Conc: 48.86 ng/ml



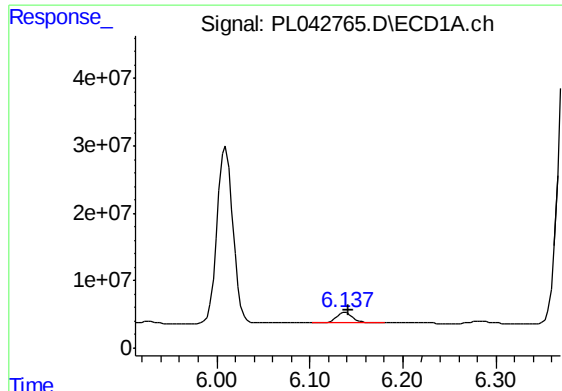
#15 Endosulfan II

R.T.: 6.284 min
Delta R.T.: -0.004 min
Response: 4332951
Conc: 0.69 ng/ml



#15 Endosulfan II

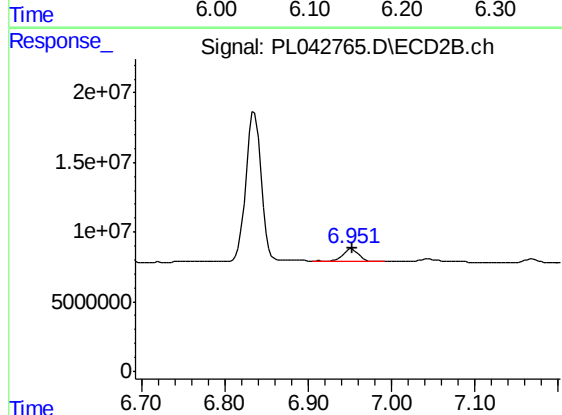
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 3190295
Conc: 1.16 ng/ml



#16 4,4'-DDD

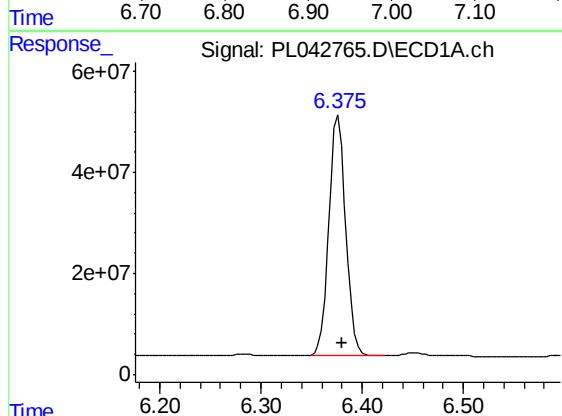
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 18460493
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



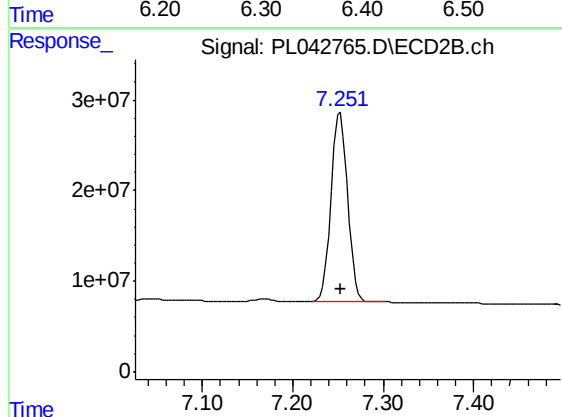
#16 4,4'-DDD

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 11891679
Conc: 4.52 ng/ml



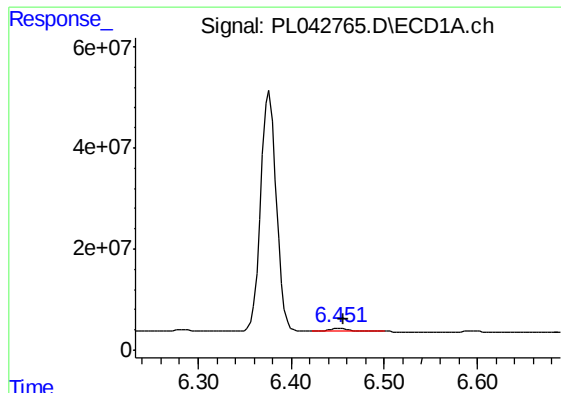
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 547815276
Conc: 98.41 ng/ml



#17 4,4'-DDT

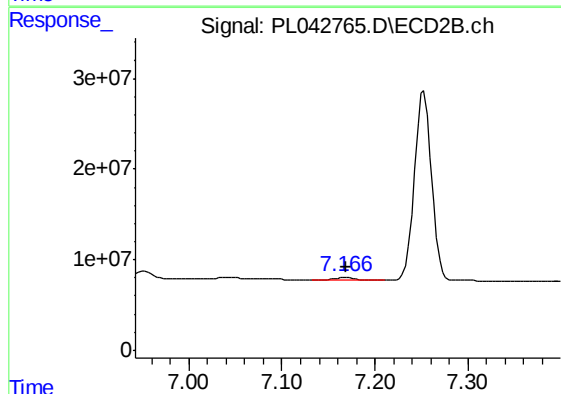
R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 266068493
Conc: 100.76 ng/ml



#18 Endrin aldehyde

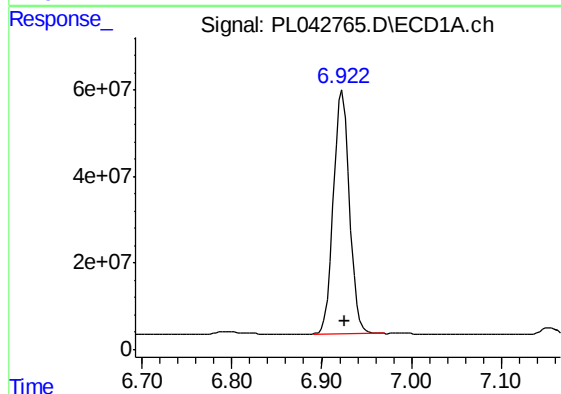
R.T.: 6.452 min
Delta R.T.: -0.004 min
Response: 8664235
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



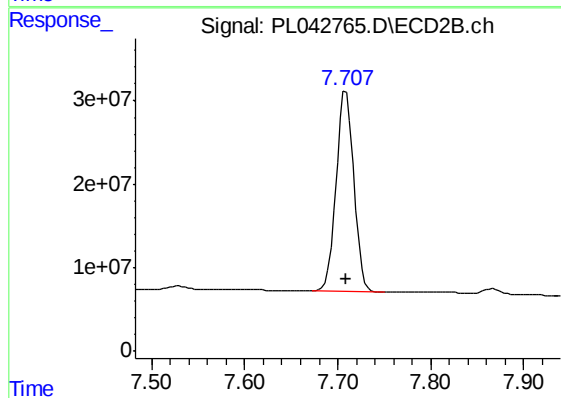
#18 Endrin aldehyde

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 3599909
Conc: 1.57 ng/ml



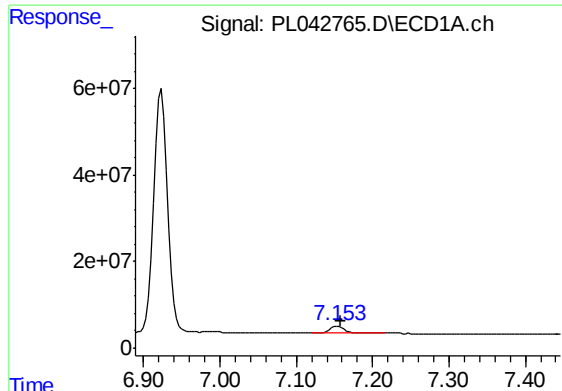
#20 Methoxychlor

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 701338561
Conc: 222.38 ng/ml



#20 Methoxychlor

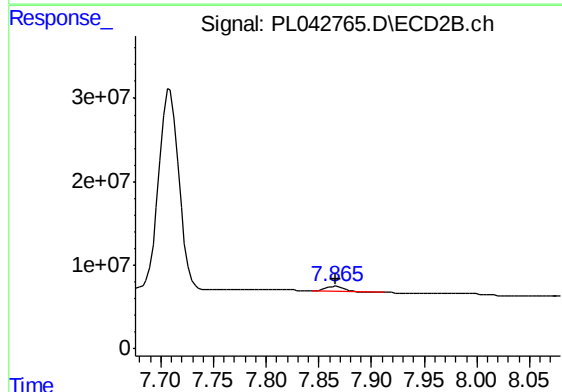
R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 317055433
Conc: 232.54 ng/ml



#21 Endrin ketone

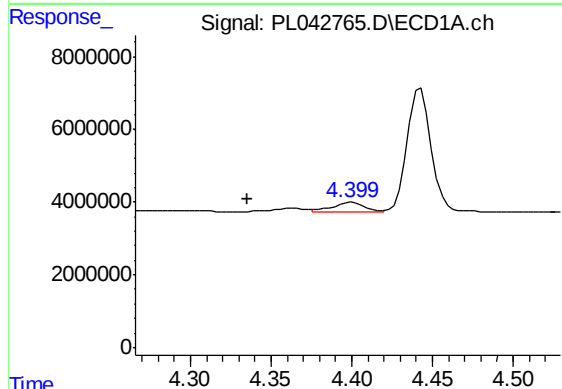
R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 20971377
Conc: 3.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



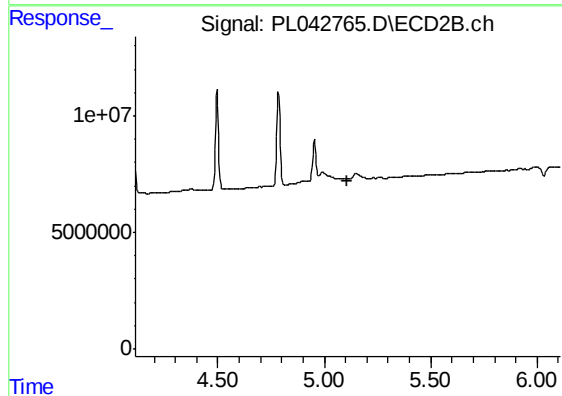
#21 Endrin ketone

R.T.: 7.866 min
Delta R.T.: 0.000 min
Response: 8029663
Conc: 2.91 ng/ml



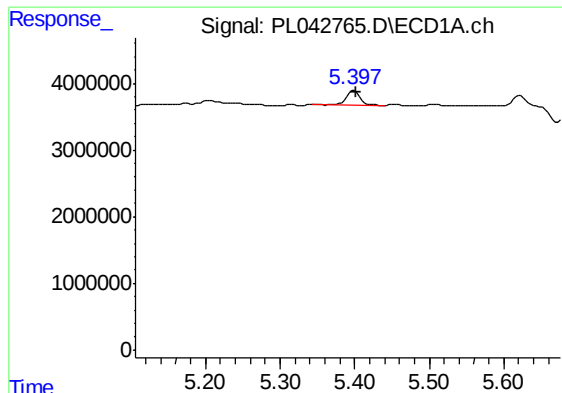
#23 Chlordane-1

R.T.: 4.400 min
Delta R.T.: 0.065 min
Response: 3513796
Conc: 12.71 ng/ml



#23 Chlordane-1

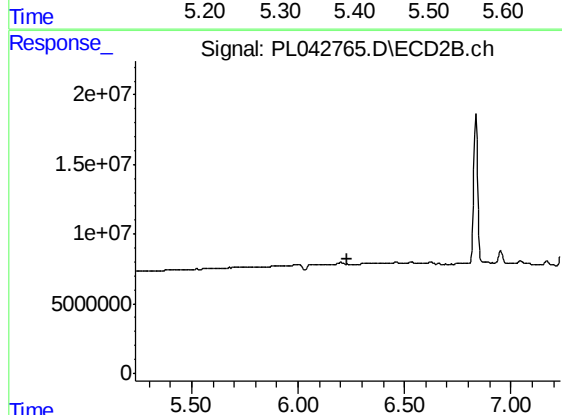
R.T.: 0.000 min
Exp R.T. : 5.111 min
Response: 0
Conc: N.D.



#25 Chlordane-3

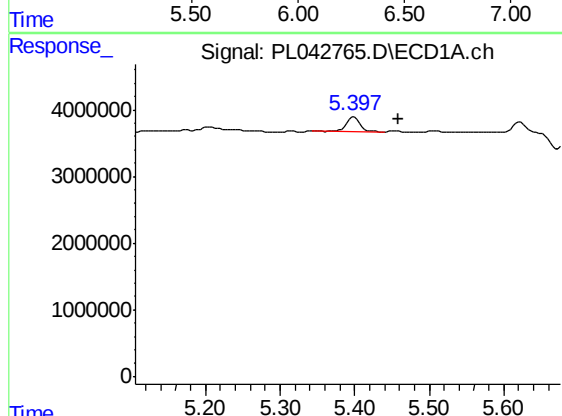
R.T.: 5.399 min
Delta R.T.: -0.004 min
Response: 2839131
Conc: 3.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



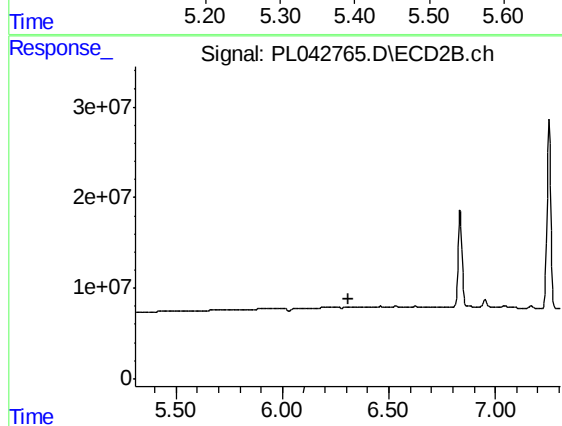
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



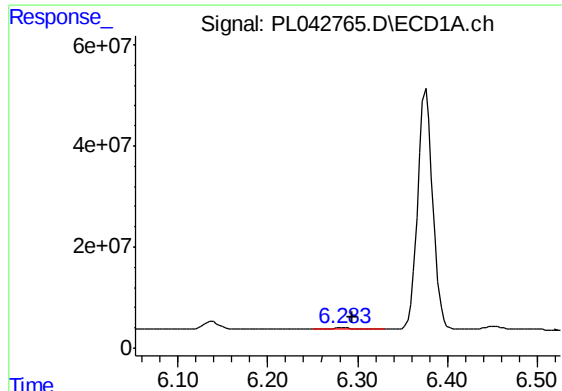
#26 Chlordane-4

R.T.: 5.399 min
Delta R.T.: -0.060 min
Response: 2839131
Conc: 3.74 ng/ml



#26 Chlordane-4

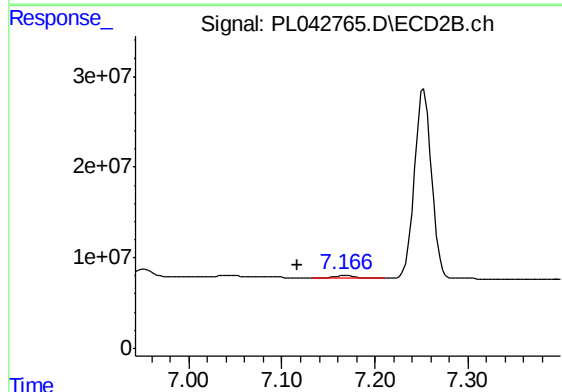
R.T.: 0.000 min
Exp R.T. : 6.308 min
Response: 0
Conc: N.D.



#27 Chlordane-5

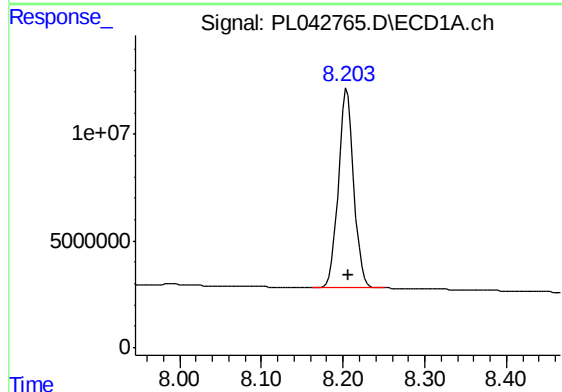
R.T.: 6.284 min
Delta R.T.: -0.010 min
Response: 4332951
Conc: 14.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



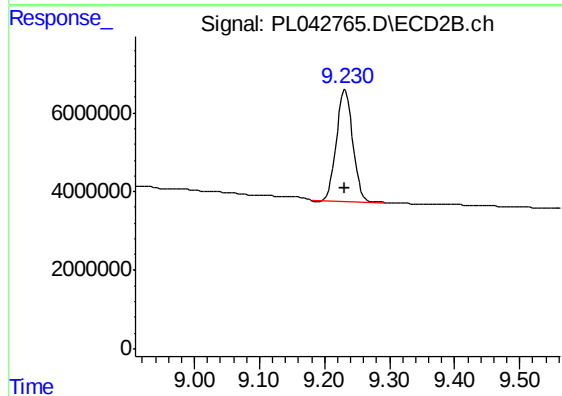
#27 Chlordane-5

R.T.: 7.168 min
Delta R.T.: 0.051 min
Response: 3599909
Conc: 37.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 122896869
Conc: 19.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 49712494
Conc: 20.61 ng/ml