

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100219\
 Data File : PD055168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2019 00:21
 Operator : SG\AJ
 Sample : PEM28
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM28

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:22:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD092319CLP.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 24 07:21:19 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.292	3.962	15189994	21094459	19.967	20.556
27)	SA Decachlor...	7.970	8.998	15844877	20051546	18.805	17.211
Target Compounds							
2)	A alpha-BHC	3.719	4.349	10784641	13844931	9.713	9.604
3)	MA gamma-BHC...	3.994	4.632	10294328	13970636	9.600	9.977
4)	MA Heptachlor	4.243f	0.000	4872644	0	5.267	N.D. #
6)	B beta-BHC	4.243	4.799	4872644	7117762	10.415	10.676
8)	B Heptachlo...	4.988	5.819	2908376	1552241	3.169	1.180 #
9)	A Endosulfan I	5.316	0.000	347335	0	0.391	N.D. #
10)	B trans-Chl...	0.000	6.037	0	5218033	N.D.	3.850
13)	MA Dieldrin	5.504	0.000	457425	0	0.465	N.D. #
14)	MA Endrin	5.782	6.653	41957141	54440772	50.461	49.430
16)	A 4,4'-DDD	5.917	6.775	2515802	6024293	3.469	5.550 #
17)	MA 4,4'-DDT	6.152	7.073	69737798	104.3E6	104.630	95.248
18)	B Endrin al...	6.225	0.000	769555	0	1.058	N.D. #
19)	B Endosulfa...	6.377f	0.000	203443	0	0.251	N.D. #
20)	A Methoxychlor	6.701	7.530	90464038	138.8E6	255.147	222.516
21)	B Endrin ke...	6.918	7.676	1823708	1872668	2.019	1.421 #
22)	Toxaphene-1	5.504	0.000	457425	0	81.767	N.D. #
23)	Toxaphene-2	5.625	6.653	2715057	54440772	468.470	6441.248 #
24)	Toxaphene-3	5.917	7.073	2515802	104.3E6	503.603	8504.915 #
25)	Toxaphene-4	6.152	7.073	69737798	104.3E6	4610.901	3096.049 #
26)	Toxaphene-5	6.773	7.676	358275	1872668	19.368	114.067 #

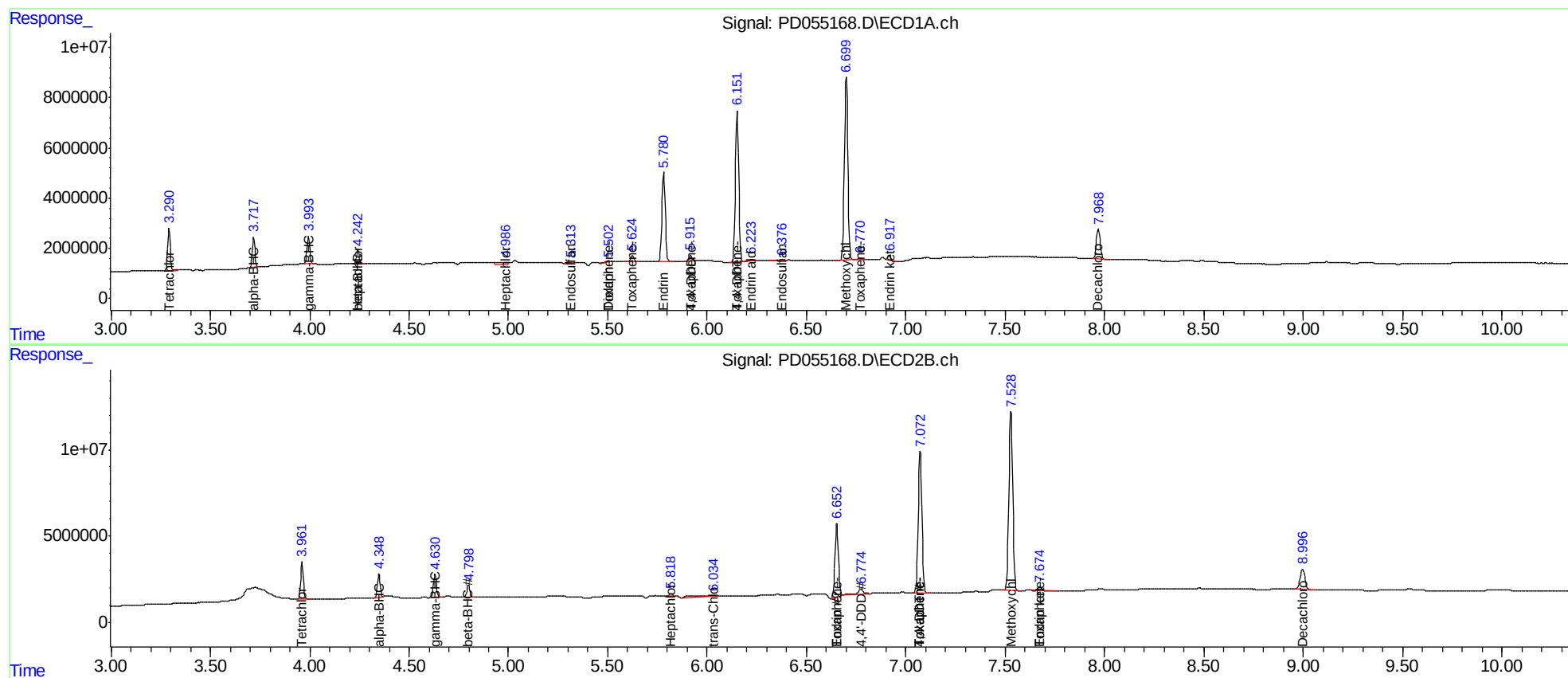
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

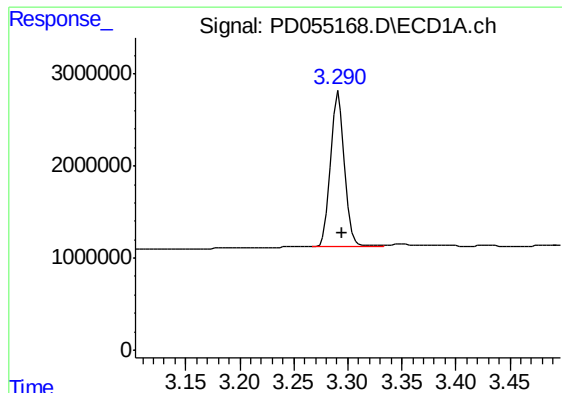
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

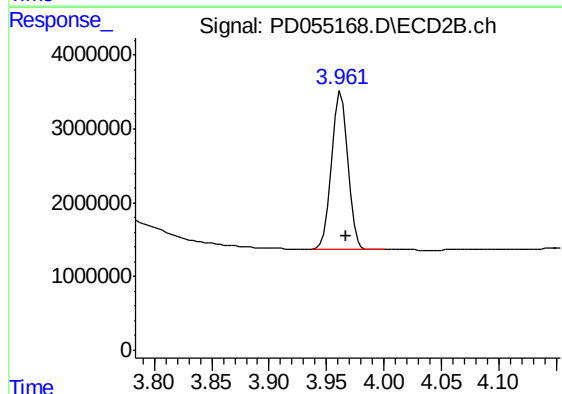




#1 Tetrachloro-m-xylene

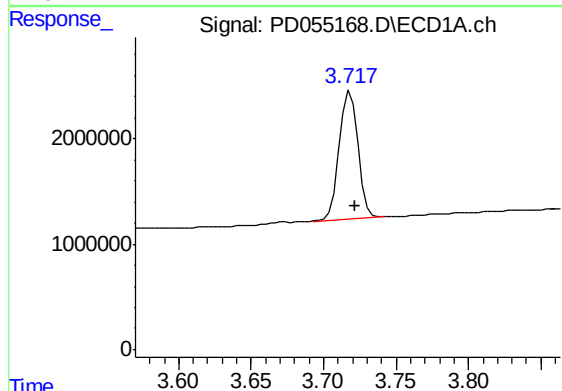
R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 15189994
Conc: 19.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



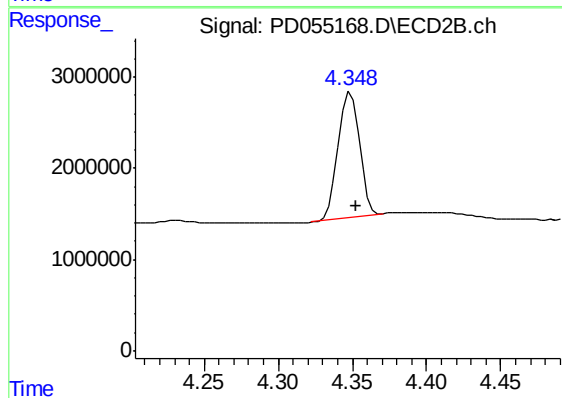
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.004 min
Response: 21094459
Conc: 20.56 ng/ml



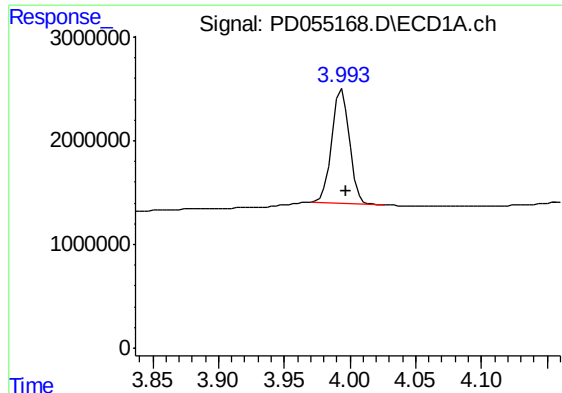
#2 alpha-BHC

R.T.: 3.719 min
Delta R.T.: -0.003 min
Response: 10784641
Conc: 9.71 ng/ml



#2 alpha-BHC

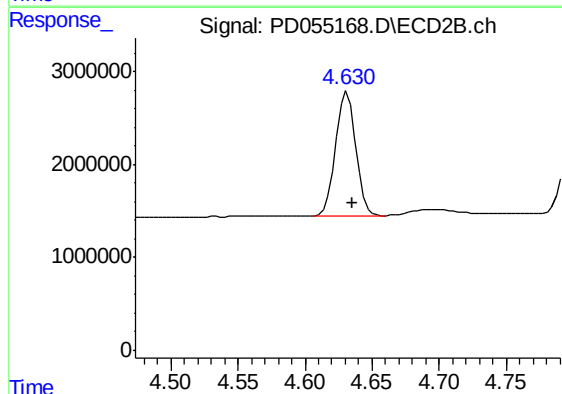
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 13844931
Conc: 9.60 ng/ml



#3 gamma-BHC (Lindane)

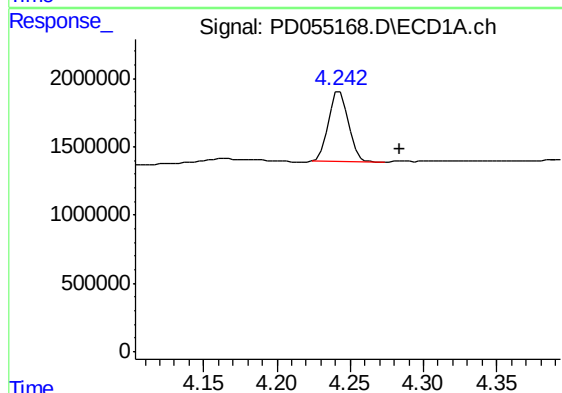
R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 10294328
Conc: 9.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



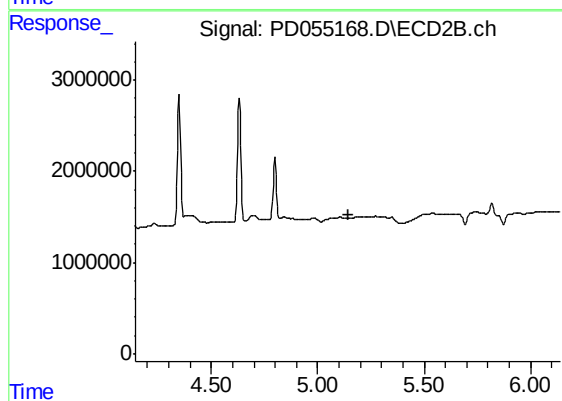
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: -0.004 min
Response: 13970636
Conc: 9.98 ng/ml



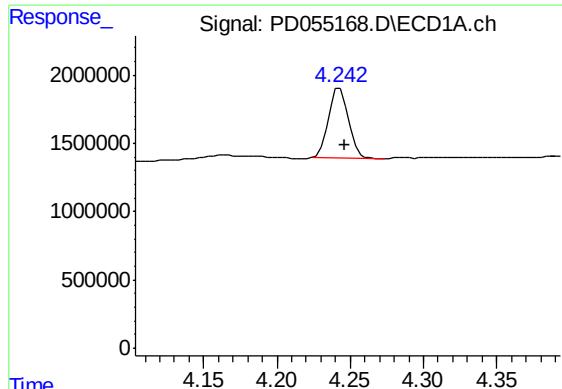
#4 Heptachlor

R.T.: 4.243 min
Delta R.T.: -0.041 min
Response: 4872644
Conc: 5.27 ng/ml



#4 Heptachlor

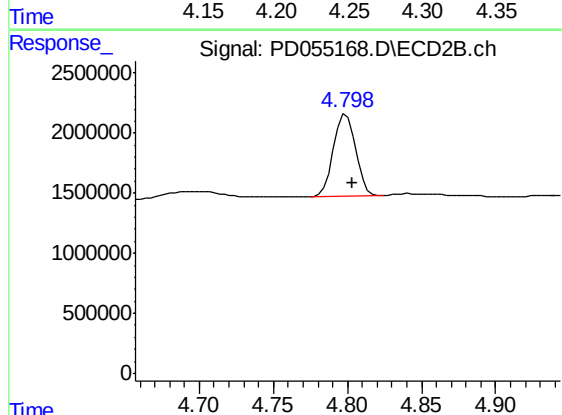
R.T.: 0.000 min
Exp R.T. : 5.142 min
Response: 0
Conc: N.D.



#6 beta-BHC

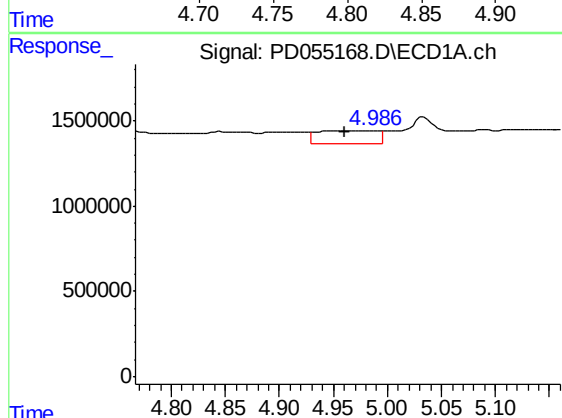
R.T.: 4.243 min
Delta R.T.: -0.003 min
Response: 4872644
Conc: 10.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



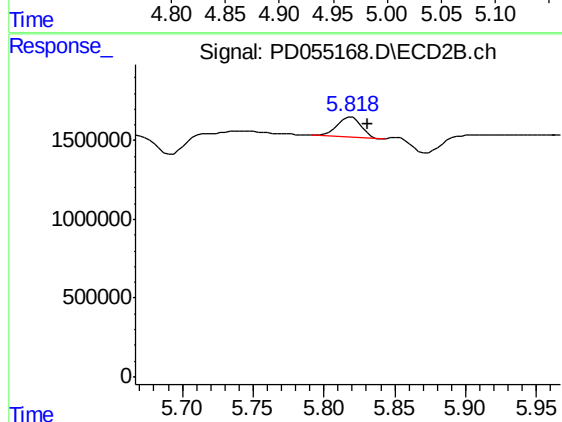
#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 7117762
Conc: 10.68 ng/ml



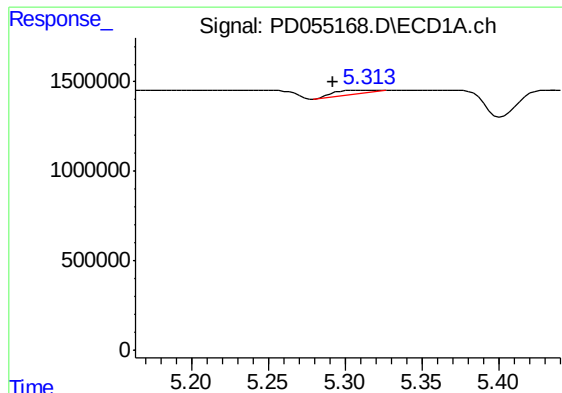
#8 Heptachlor epoxide

R.T.: 4.988 min
Delta R.T.: 0.027 min
Response: 2908376
Conc: 3.17 ng/ml



#8 Heptachlor epoxide

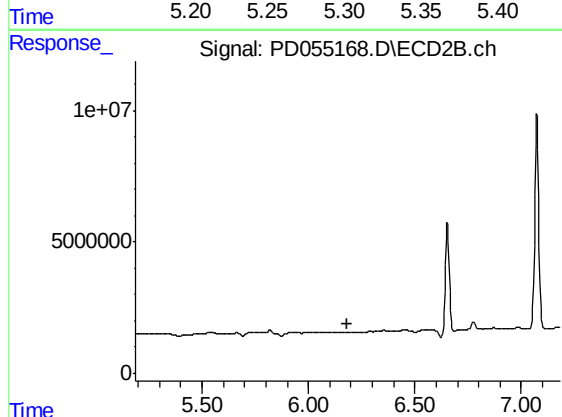
R.T.: 5.819 min
Delta R.T.: -0.011 min
Response: 1552241
Conc: 1.18 ng/ml



#9 Endosulfan I

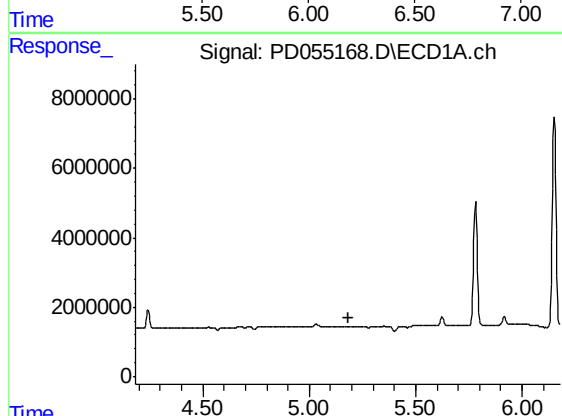
R.T.: 5.316 min
Delta R.T.: 0.024 min
Response: 347335
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



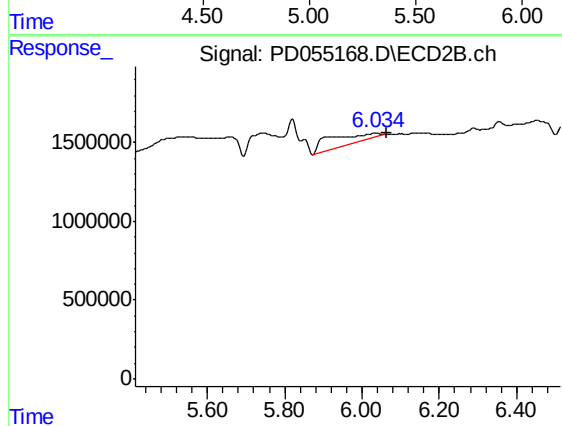
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.



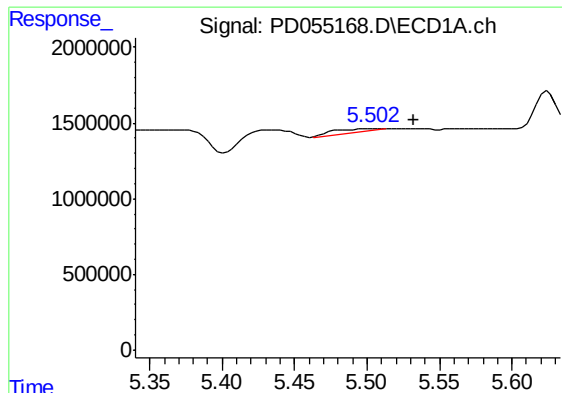
#10 trans-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.183 min
Response: 0
Conc: N.D.



#10 trans-Chlordane

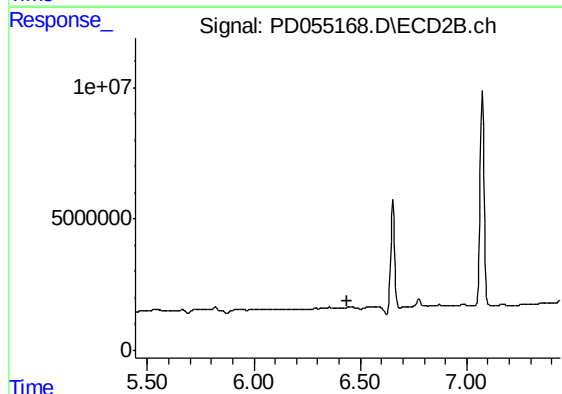
R.T.: 6.037 min
Delta R.T.: -0.026 min
Response: 5218033
Conc: 3.85 ng/ml



#13 Dieldrin

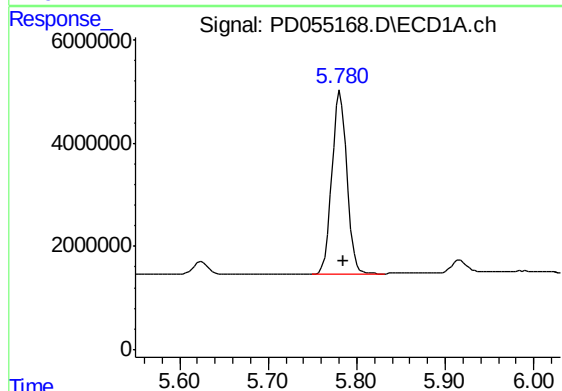
R.T.: 5.504 min
Delta R.T.: -0.028 min
Response: 457425
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



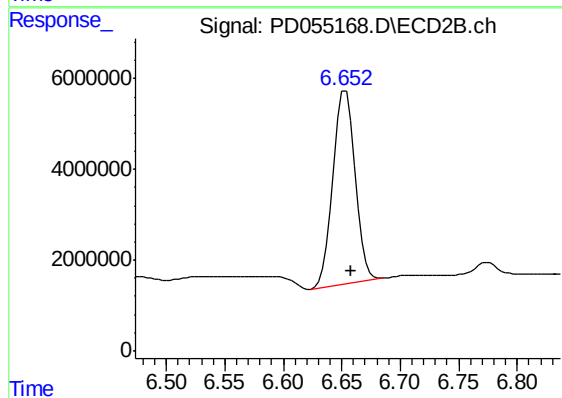
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.441 min
Response: 0
Conc: N.D.



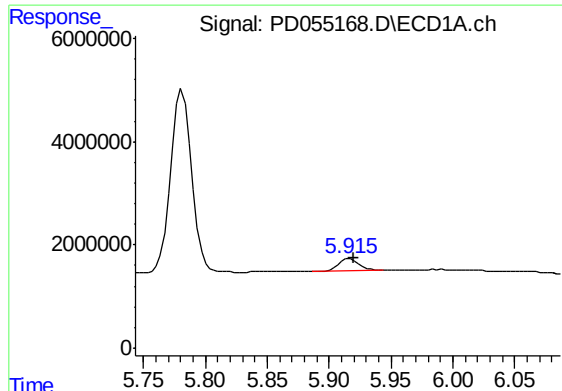
#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.004 min
Response: 41957141
Conc: 50.46 ng/ml



#14 Endrin

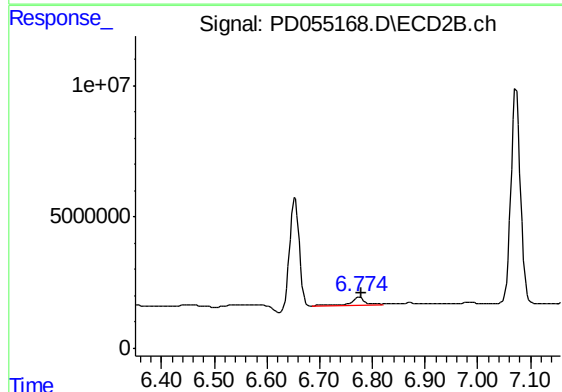
R.T.: 6.653 min
Delta R.T.: -0.004 min
Response: 54440772
Conc: 49.43 ng/ml



#16 4,4'-DDD

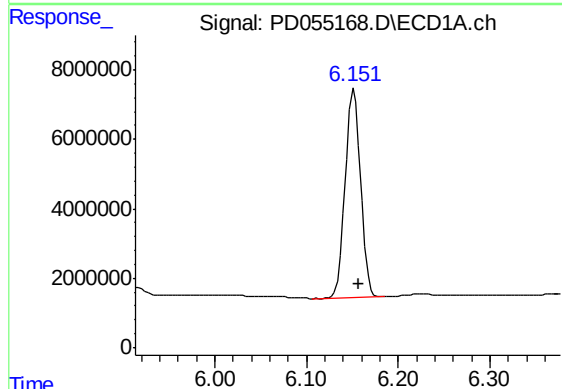
R.T.: 5.917 min
Delta R.T.: -0.004 min
Response: 2515802
Conc: 3.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



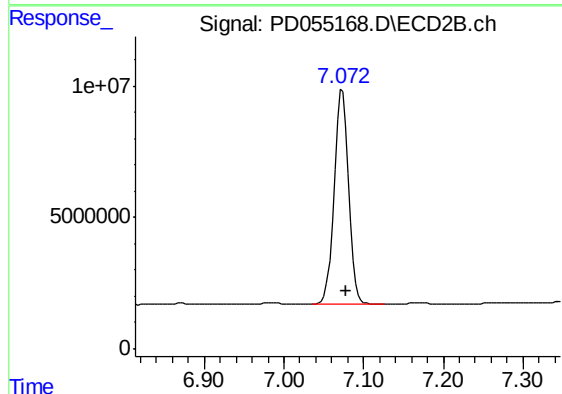
#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: -0.005 min
Response: 6024293
Conc: 5.55 ng/ml



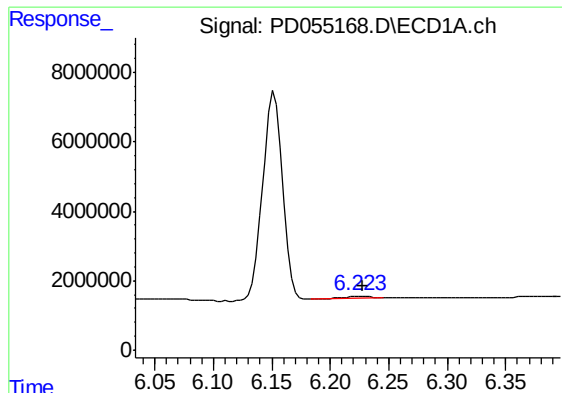
#17 4,4'-DDT

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 69737798
Conc: 104.63 ng/ml



#17 4,4'-DDT

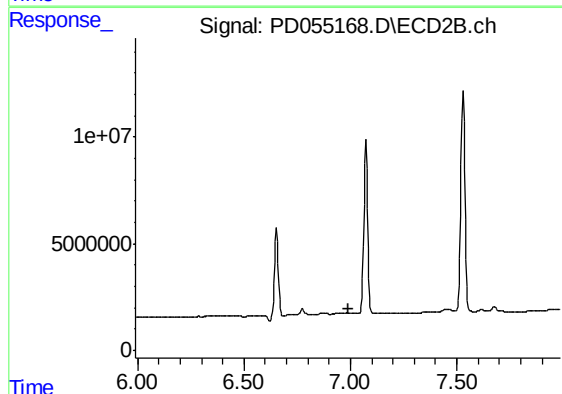
R.T.: 7.073 min
Delta R.T.: -0.005 min
Response: 104268022
Conc: 95.25 ng/ml



#18 Endrin aldehyde

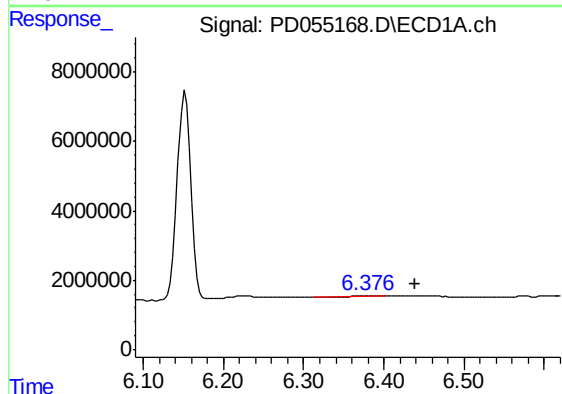
R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 769555
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



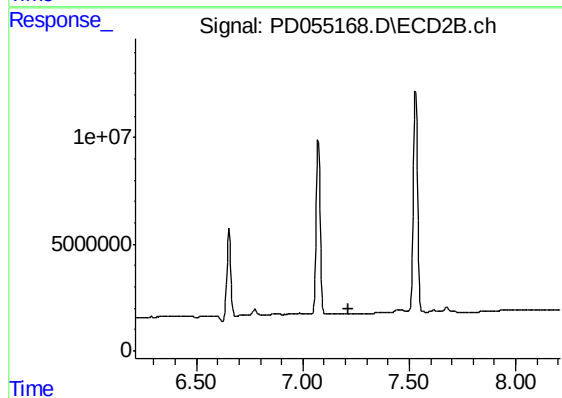
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.989 min
Response: 0
Conc: N.D.



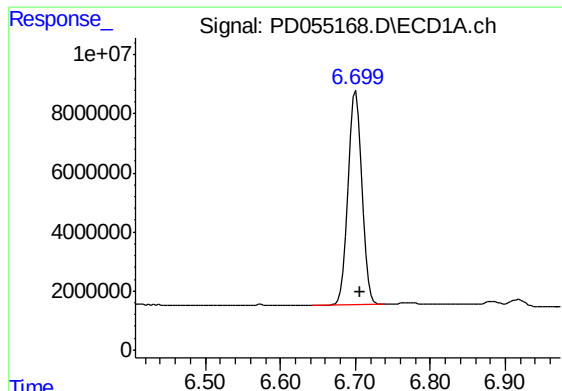
#19 Endosulfan Sulfate

R.T.: 6.377 min
Delta R.T.: -0.062 min
Response: 203443
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

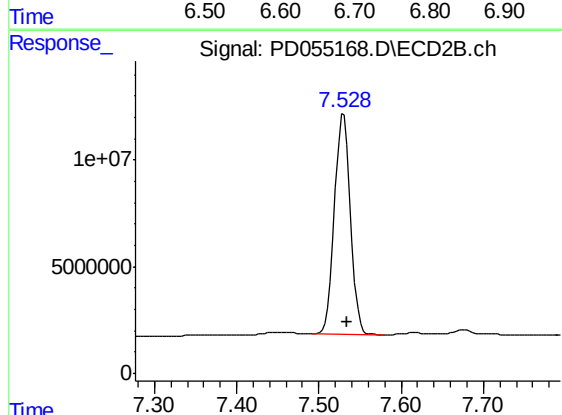
R.T.: 0.000 min
Exp R.T. : 7.212 min
Response: 0
Conc: N.D.



#20 Methoxychlor

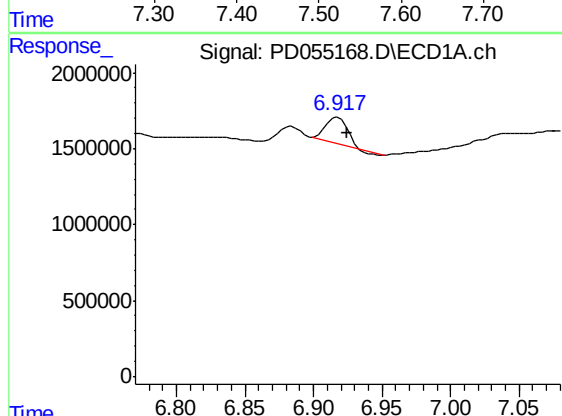
R.T.: 6.701 min
Delta R.T.: -0.005 min
Response: 90464038
Conc: 255.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



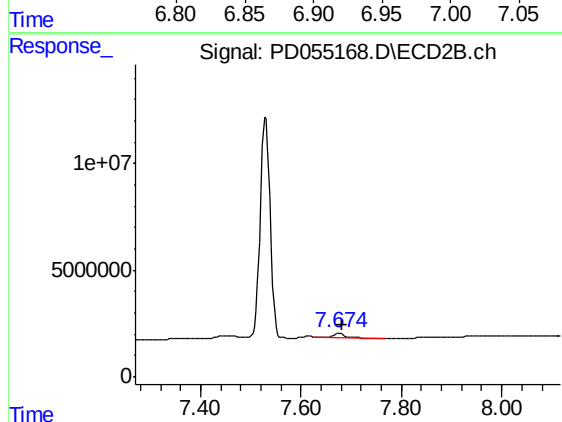
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: -0.005 min
Response: 138798301
Conc: 222.52 ng/ml



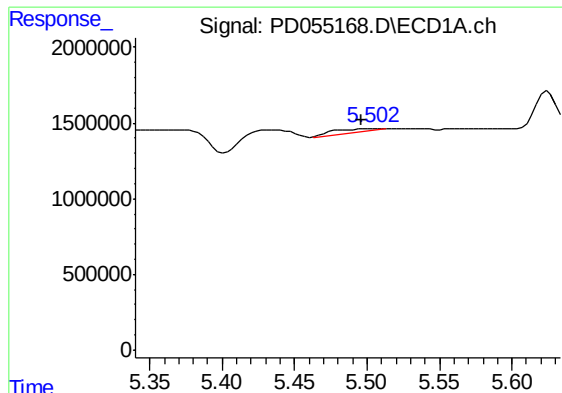
#21 Endrin ketone

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 1823708
Conc: 2.02 ng/ml



#21 Endrin ketone

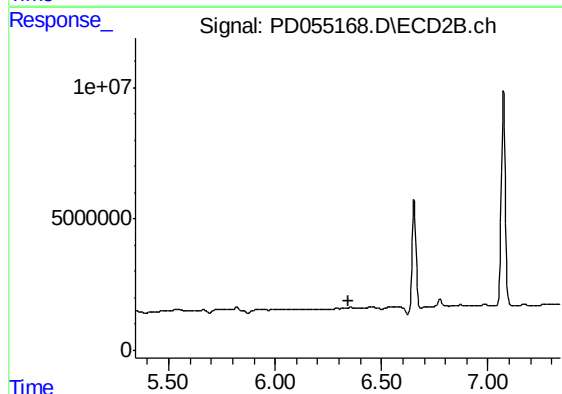
R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 1872668
Conc: 1.42 ng/ml



#22 Toxaphene-1

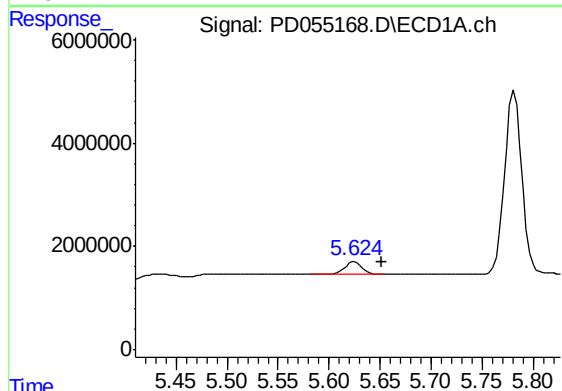
R.T.: 5.504 min
Delta R.T.: 0.007 min
Response: 457425
Conc: 81.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



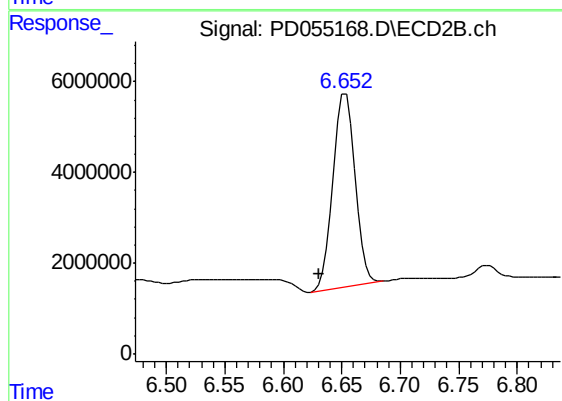
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 6.342 min
Response: 0
Conc: N.D.



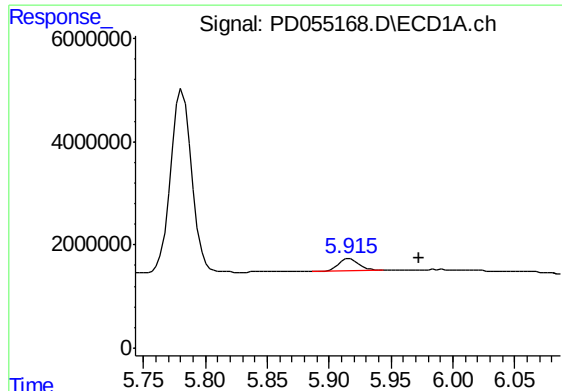
#23 Toxaphene-2

R.T.: 5.625 min
Delta R.T.: -0.027 min
Response: 2715057
Conc: 468.47 ng/ml



#23 Toxaphene-2

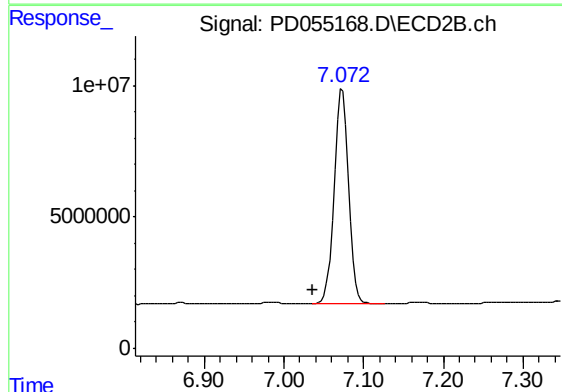
R.T.: 6.653 min
Delta R.T.: 0.022 min
Response: 54440772
Conc: 6441.25 ng/ml



#24 Toxaphene-3

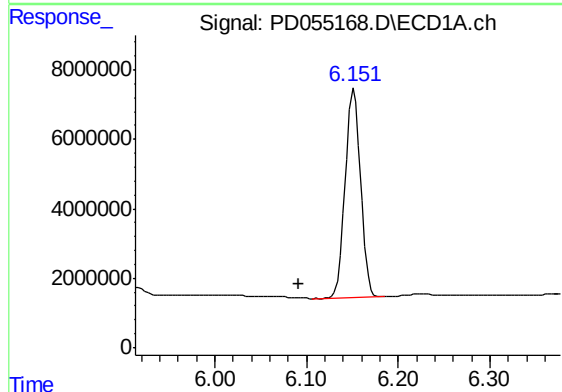
R.T.: 5.917 min
Delta R.T.: -0.056 min
Response: 2515802
Conc: 503.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



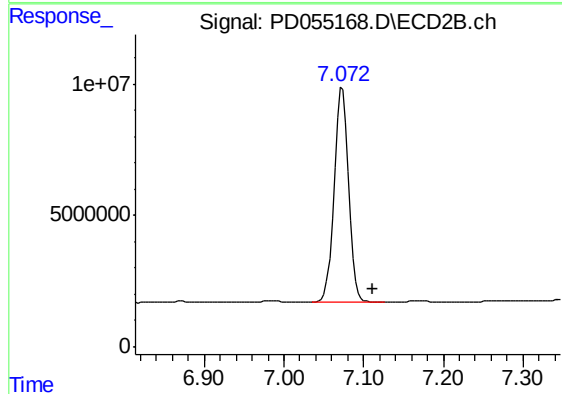
#24 Toxaphene-3

R.T.: 7.073 min
Delta R.T.: 0.037 min
Response: 104268022
Conc: 8504.92 ng/ml



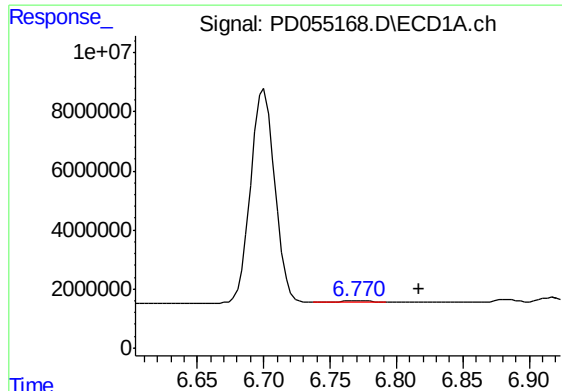
#25 Toxaphene-4

R.T.: 6.152 min
Delta R.T.: 0.061 min
Response: 69737798
Conc: 4610.90 ng/ml



#25 Toxaphene-4

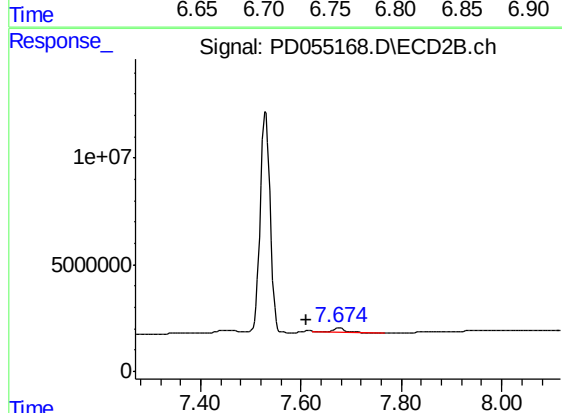
R.T.: 7.073 min
Delta R.T.: -0.039 min
Response: 104268022
Conc: 3096.05 ng/ml



#26 Toxaphene-5

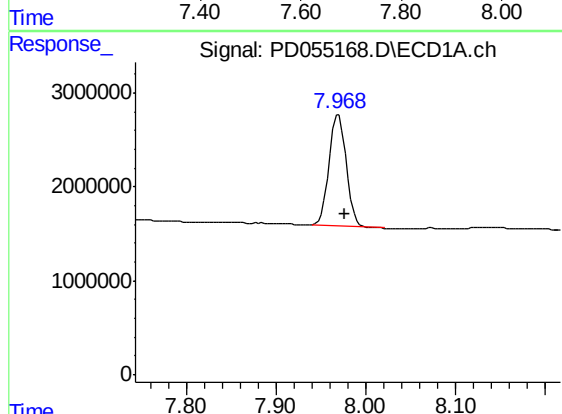
R.T.: 6.773 min
Delta R.T.: -0.044 min
Response: 358275
Conc: 19.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM28



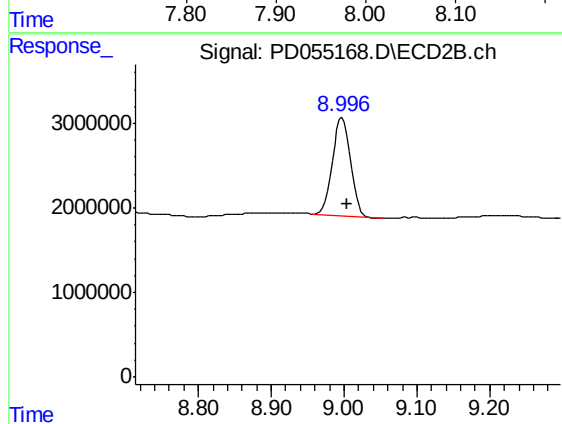
#26 Toxaphene-5

R.T.: 7.676 min
Delta R.T.: 0.066 min
Response: 1872668
Conc: 114.07 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.970 min
Delta R.T.: -0.007 min
Response: 15844877
Conc: 18.81 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.007 min
Response: 20051546
Conc: 17.21 ng/ml