

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048989.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 09:57
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 30 00:56:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.357	7049152	49.529 ug/ml
Spiked Amount 50.000		Recovery =	99.06%
6) S 2-Fluorobiphenyl (SURR)	8.208	4500241	52.889 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	105.78%
11) S ortho-Terphenyl (SURR)	11.243	6597950	40.121 ug/ml
Spiked Amount 50.000		Recovery =	80.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	292267	1.896 ug/ml
2) T Naphthalene (C11.7)	5.723	234676	1.501 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	282170	1.819 ug/ml
5) T Acenaphthylene (C15.06)	8.023	322291	1.971 ug/ml
7) T Acenaphthene (C15.5)	8.307	467872	2.786 ug/ml
8) T Fluorene (C16.55)	9.115	282664	1.807 ug/ml
9) T Phenanthrene (C19.36)	10.507	255961	1.681 ug/ml
10) T Anthracene (C19.43)	10.507	255961	1.680 ug/ml
12) T Fluoranthene (C21.85)	12.250	46247	0.294 ug/ml
13) T Pyrene (C20.8)	12.605	238110	1.511 ug/ml
14) T Benzo[a]anthracene (C...	14.504f	81306	0.632 ug/ml
15) T Chrysene (C27.41)	14.504	81306	0.481 ug/ml
16) T benzo[b]fluoranthene ...	16.048f	173021	1.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	173021	1.068 ug/ml
21) T Benzo[g,h,i]perylene ...	17.906f	68018	0.477 ug/ml

(f)=RT Delta > 1/2 Window

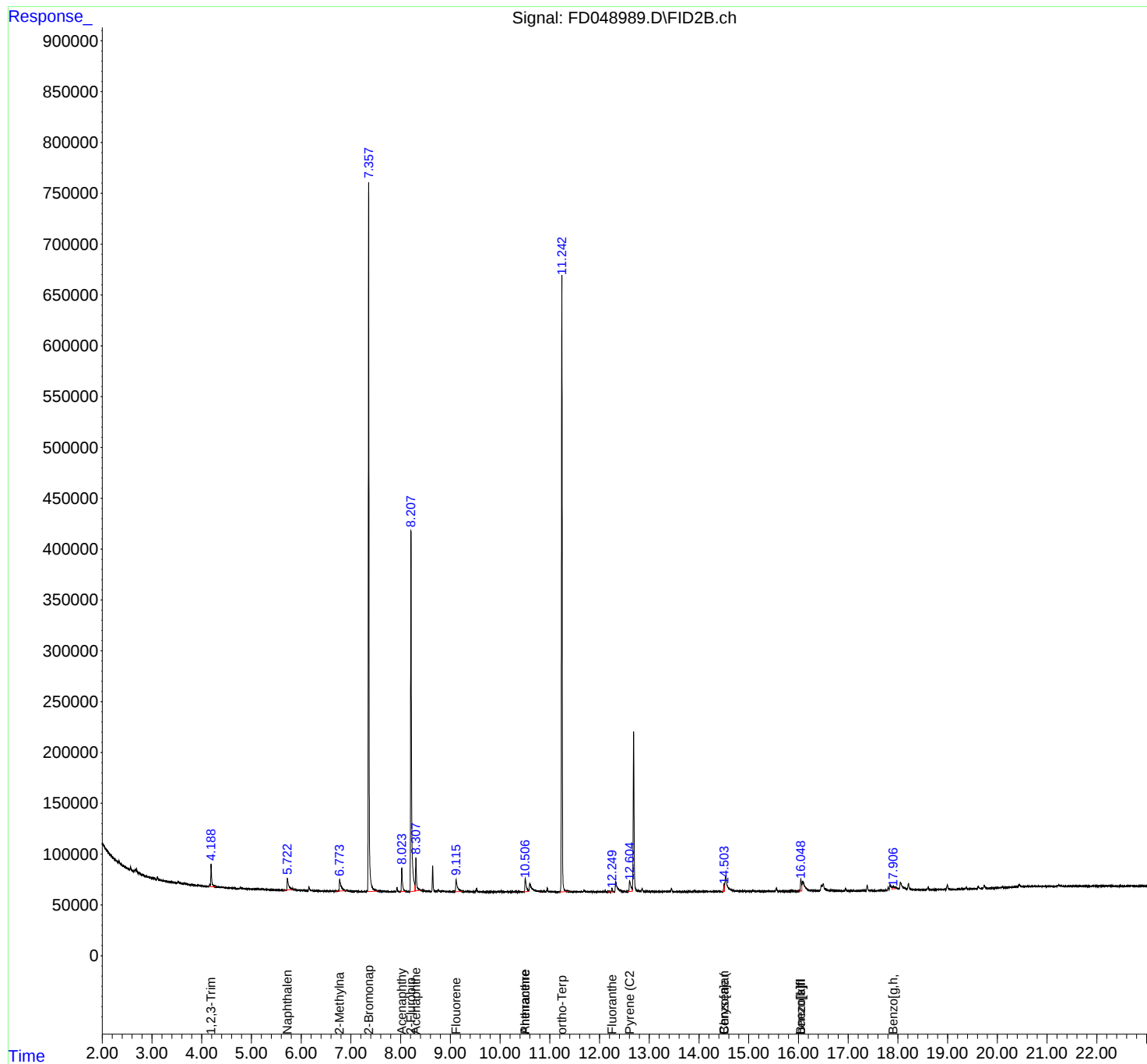
(m)=manual int.

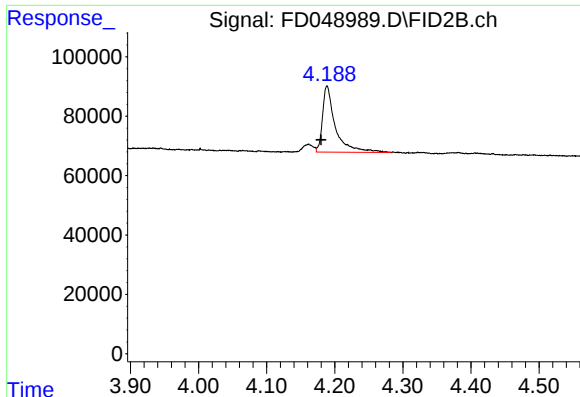
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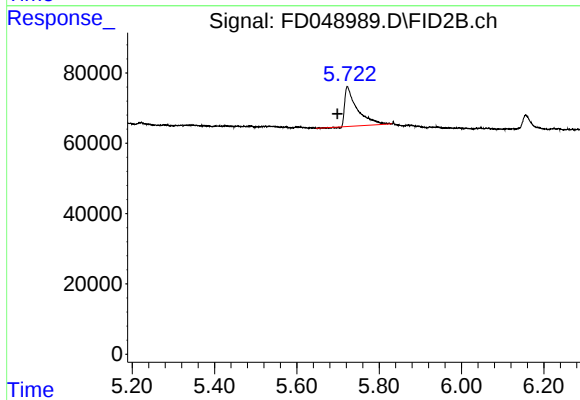




#1 1,2,3-Trimethylbenzene (C10.1)

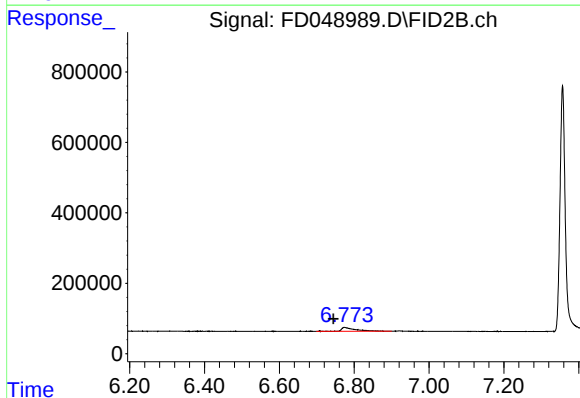
R.T.: 4.189 min
Delta R.T.: 0.009 min
Response: 292267
Conc: 1.90 ug/ml

Instrument :
FID_D
ClientSampleId :



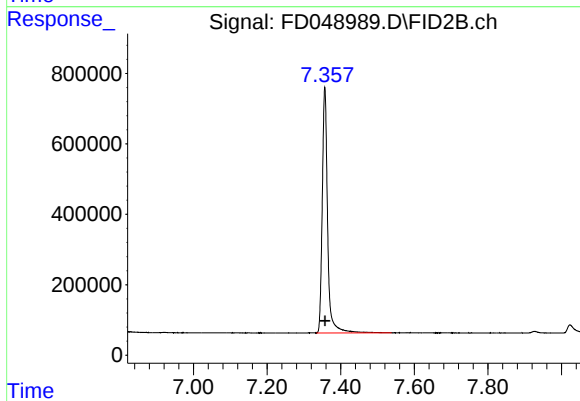
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 234676
Conc: 1.50 ug/ml



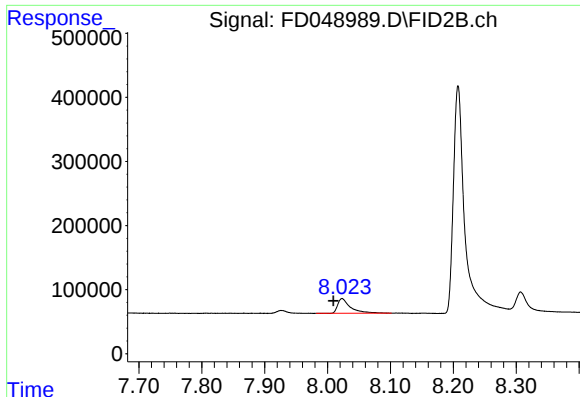
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: 0.029 min
Response: 282170
Conc: 1.82 ug/ml



#4 2-Bromonaphthalene (SURR)

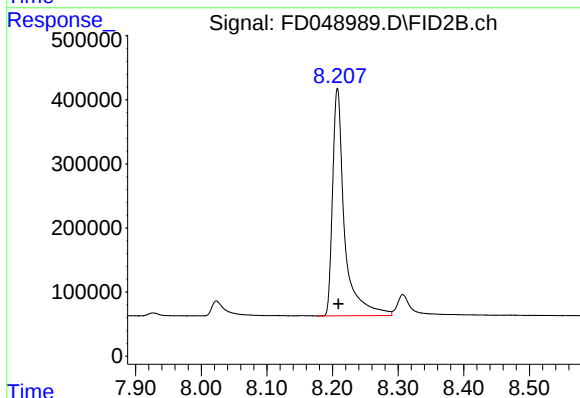
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 7049152
Conc: 49.53 ug/ml



#5 Acenaphthylene (C15.06)

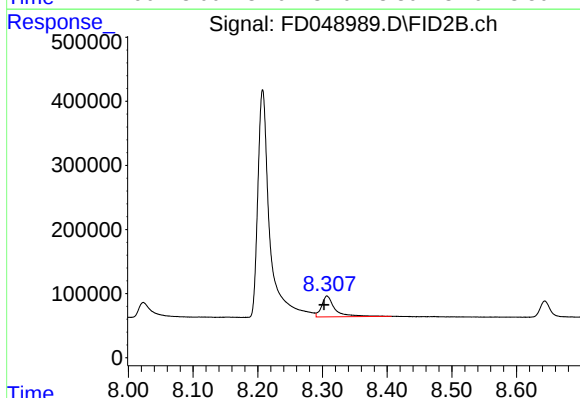
R.T.: 8.023 min
Delta R.T.: 0.014 min
Response: 322291
Conc: 1.97 ug/ml

Instrument :
FID_D
ClientSampleId :



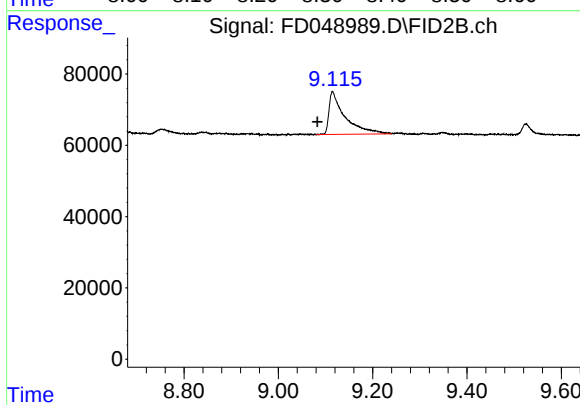
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 4500241
Conc: 52.89 ug/ml



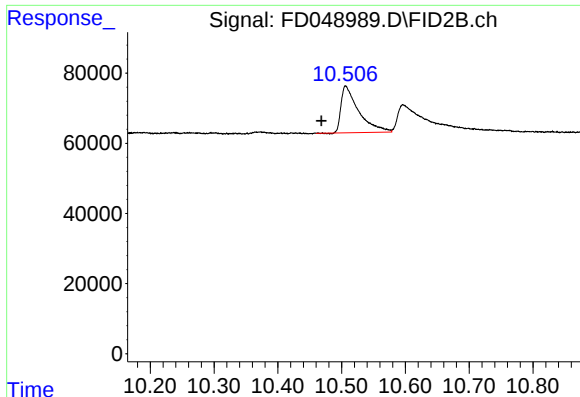
#7 Acenaphthene (C15.5)

R.T.: 8.307 min
Delta R.T.: 0.005 min
Response: 467872
Conc: 2.79 ug/ml



#8 Fluorene (C16.55)

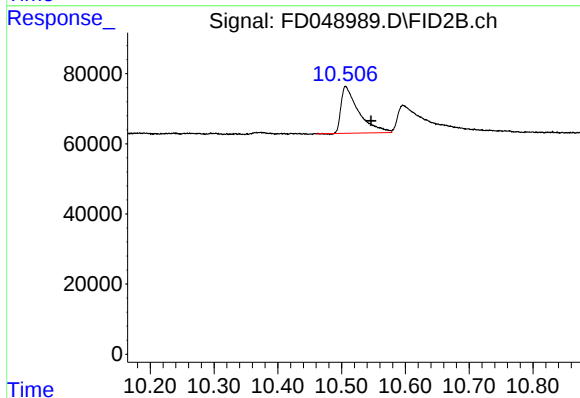
R.T.: 9.115 min
Delta R.T.: 0.033 min
Response: 282664
Conc: 1.81 ug/ml



#9 Phenanthrene (C19.36)

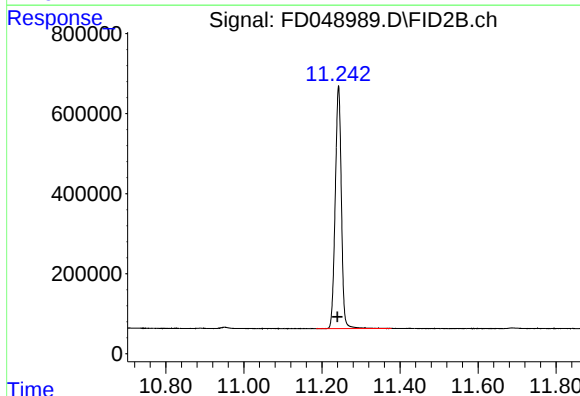
R.T.: 10.507 min
Delta R.T.: 0.038 min
Response: 255961
Conc: 1.68 ug/ml

Instrument :
FID_D
ClientSampleId :



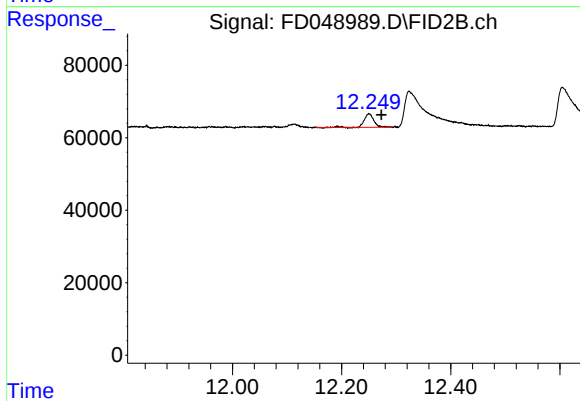
#10 Anthracene (C19.43)

R.T.: 10.507 min
Delta R.T.: -0.040 min
Response: 255961
Conc: 1.68 ug/ml



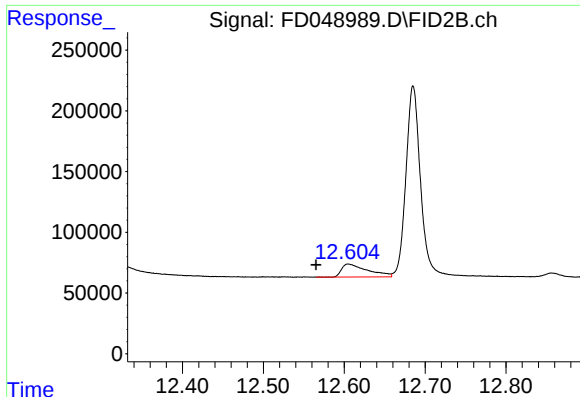
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: 0.004 min
Response: 6597950
Conc: 40.12 ug/ml



#12 Fluoranthene (C21.85)

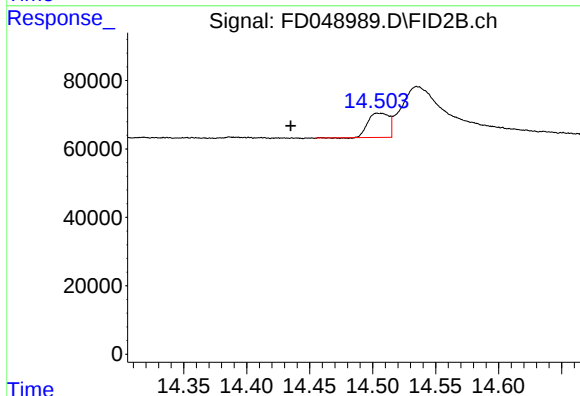
R.T.: 12.250 min
Delta R.T.: -0.023 min
Response: 46247
Conc: 0.29 ug/ml



#13 Pyrene (C20.8)

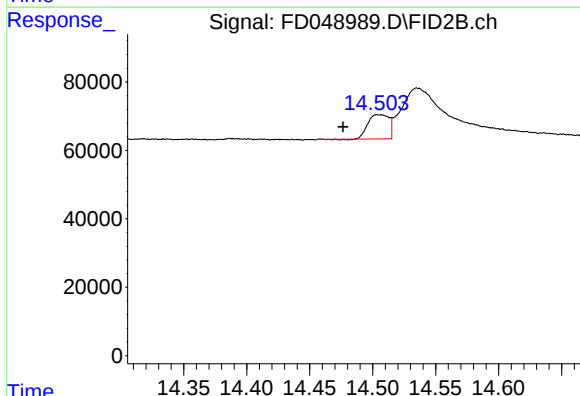
R.T.: 12.605 min
Delta R.T.: 0.040 min
Response: 238110
Conc: 1.51 ug/ml

Instrument :
FID_D
ClientSampleId :



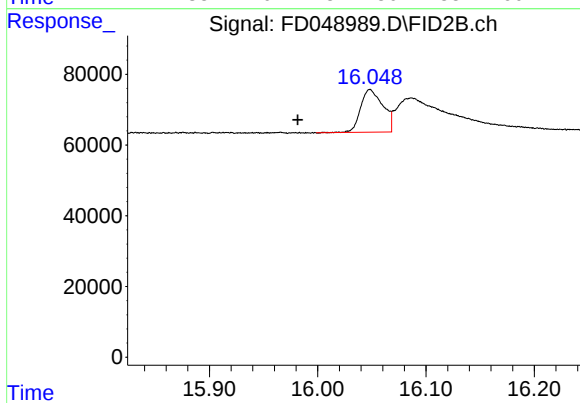
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.504 min
Delta R.T.: 0.069 min
Response: 81306
Conc: 0.63 ug/ml



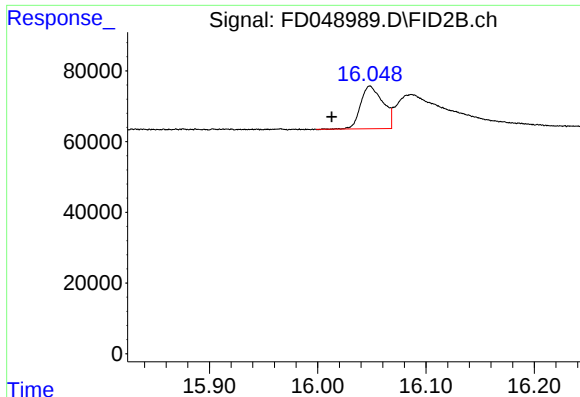
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: 0.028 min
Response: 81306
Conc: 0.48 ug/ml



#16 benzo[b]fluoranthene (C30.41)

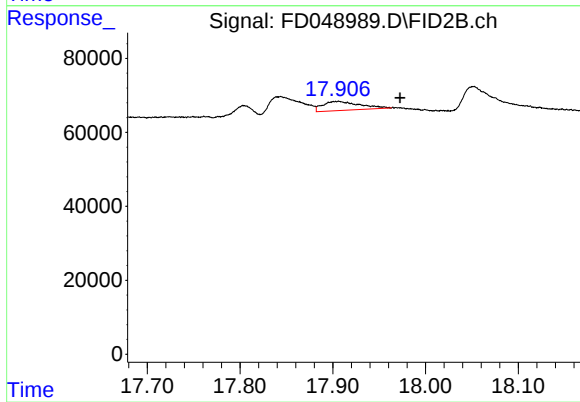
R.T.: 16.048 min
Delta R.T.: 0.067 min
Response: 173021
Conc: 1.27 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.048 min
Delta R.T.: 0.035 min
Response: 173021
Conc: 1.07 ug/ml

Instrument :
FID_D
ClientSampleId :



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.906 min
Delta R.T.: -0.066 min
Response: 68018
Conc: 0.48 ug/ml