

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045889.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 21:08
 Operator : YP/AJ
 Sample : 03282-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.524	8100738	44.932 ug/ml
Spiked Amount 50.000		Recovery =	89.86%
6) S 2-Fluorobiphenyl (SURR)	8.379	5203414	43.280 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.56%
11) S ortho-Terphenyl (SURR)	11.417	6836924	30.608 ug/ml
Spiked Amount 50.000		Recovery =	61.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.296f	17843	0.088 ug/ml
2) T Naphthalene (C11.7)	5.861	65286	0.308 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	51157	0.242 ug/ml
5) T Acenaphthylene (C15.06)	8.180	55396	0.292 ug/ml
7) T Acenaphthene (C15.5)	8.436f	26276	0.130 ug/ml
8) T Fluorene (C16.55)	9.263	35664	0.180 ug/ml
9) T Phenanthrene (C19.36)	10.641	112369	0.587 ug/ml
10) T Anthracene (C19.43)	10.716	45894	0.269 ug/ml
12) T Fluoranthene (C21.85)	12.444	230677	1.249 ug/ml
13) T Pyrene (C20.8)	12.737	209486	1.173 ug/ml
14) T Benzo[a]anthracene (C...	14.640	189102	1.208 ug/ml
15) T Chrysene (C27.41)	14.640	189102	1.146 ug/ml
16) T benzo[b]fluoranthene ...	16.170	94519	0.625 ug/ml
17) T Bnezo[k]fluoranthene ...	16.170	94519	0.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	126933	0.868 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.877	508726	3.473 ug/ml
20) T Dibenz[a,h]anthracene...	17.948	184086	1.227 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	130583	0.885 ug/ml

(f)=RT Delta > 1/2 Window

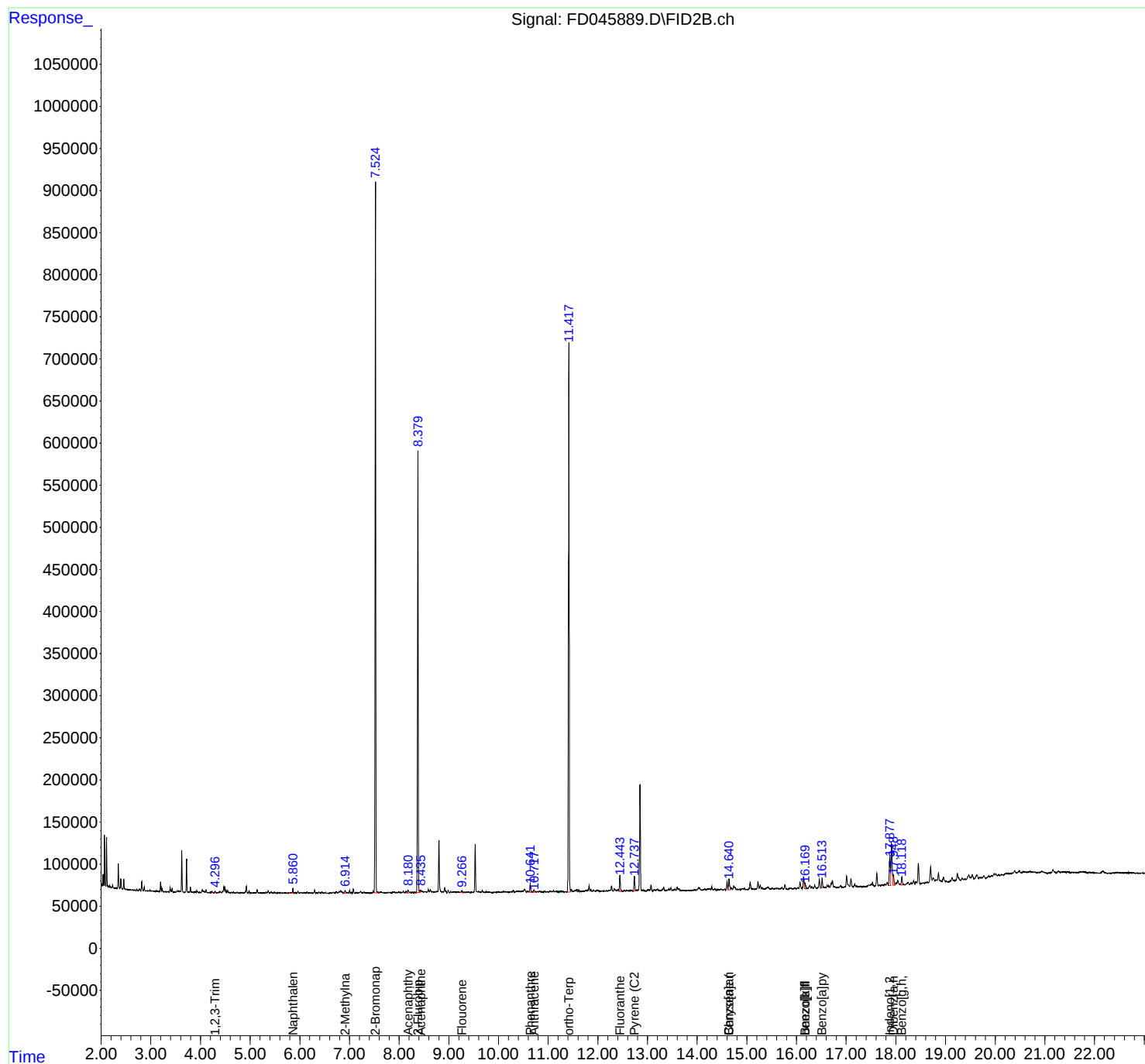
(m)=manual int.

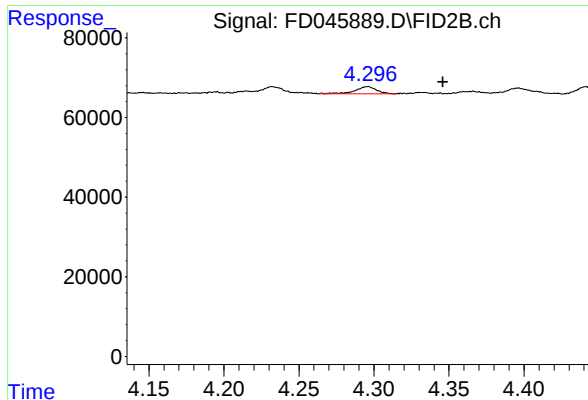
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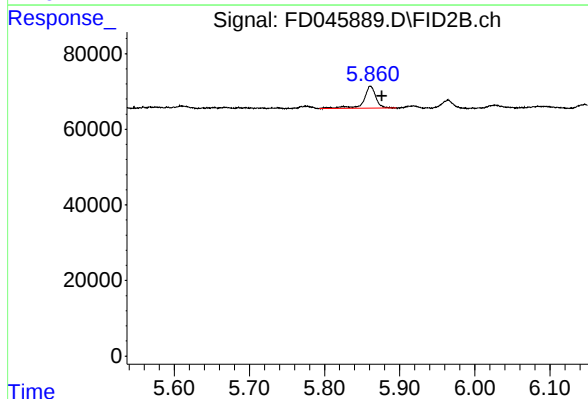




#1 1,2,3-Trimethylbenzene (C10.1)

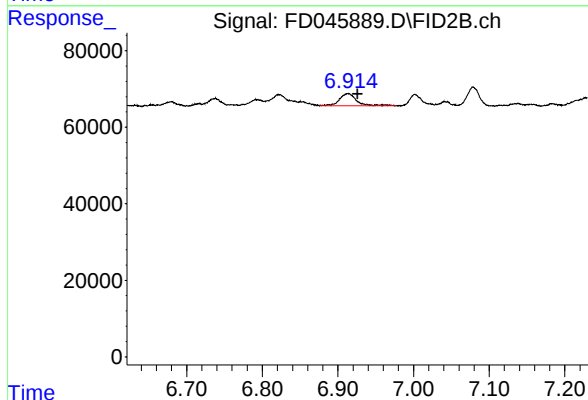
R.T.: 4.296 min
Delta R.T.: -0.050 min
Response: 17843
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



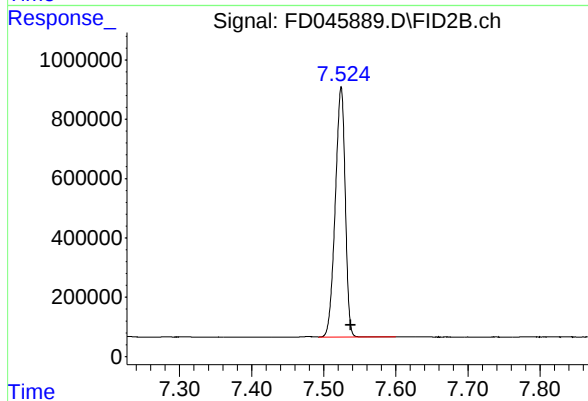
#2 Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: -0.015 min
Response: 65286
Conc: 0.31 ug/ml



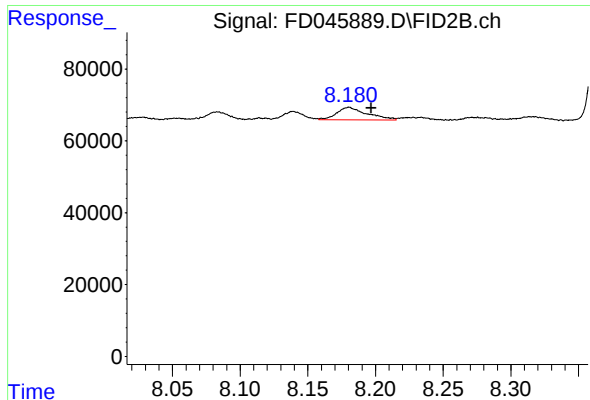
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 51157
Conc: 0.24 ug/ml



#4 2-Bromonaphthalene (SURR)

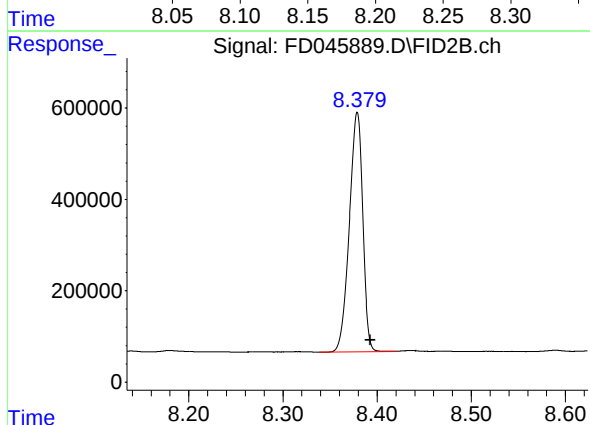
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8100738
Conc: 44.93 ug/ml



#5 Acenaphthylene (C15.06)

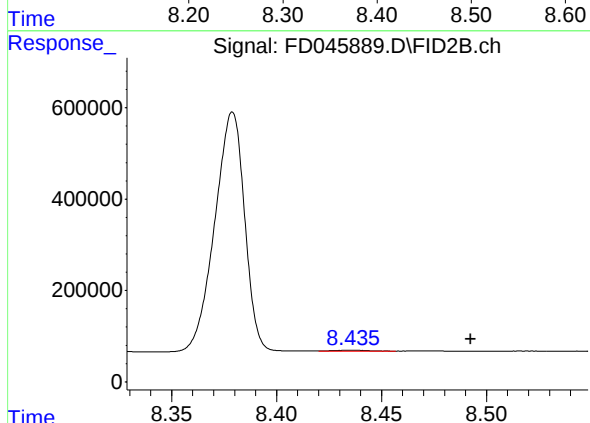
R.T.: 8.180 min
Delta R.T.: -0.016 min
Response: 55396
Conc: 0.29 ug/ml

Instrument :
FID_D
ClientSampleId :



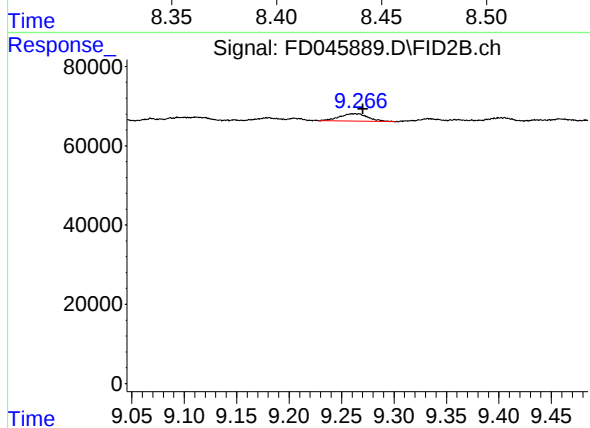
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5203414
Conc: 43.28 ug/ml



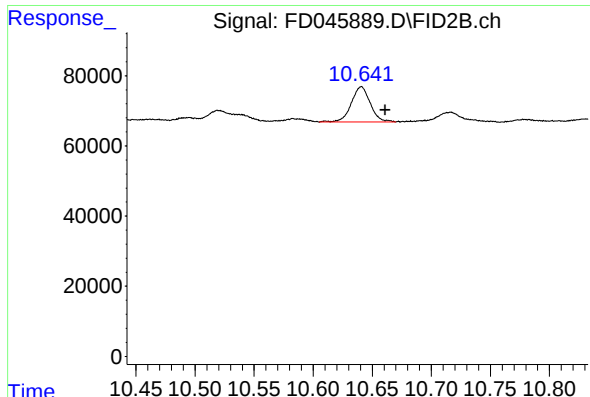
#7 Acenaphthene (C15.5)

R.T.: 8.436 min
Delta R.T.: -0.057 min
Response: 26276
Conc: 0.13 ug/ml



#8 Flouorene (C16.55)

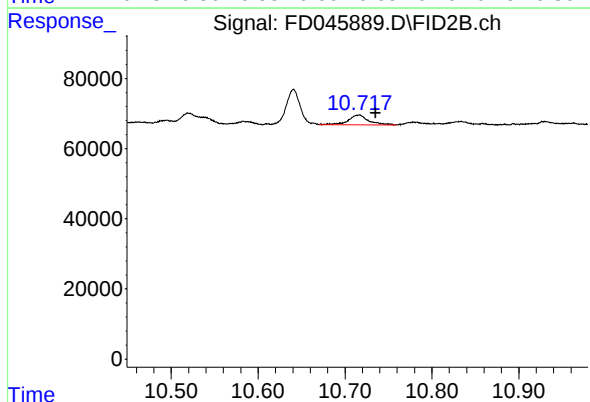
R.T.: 9.263 min
Delta R.T.: -0.008 min
Response: 35664
Conc: 0.18 ug/ml



#9 Phenanthrene (C19.36)

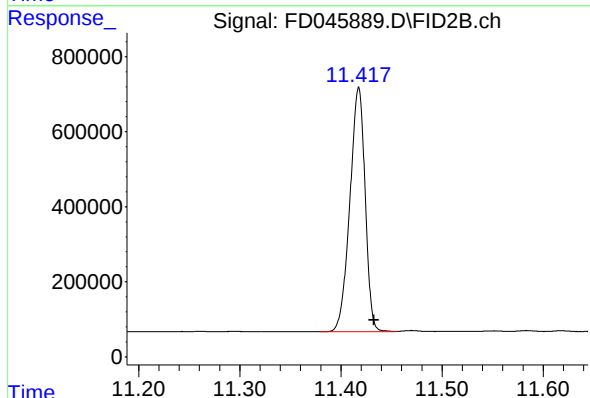
R.T.: 10.641 min
Delta R.T.: -0.020 min
Response: 112369
Conc: 0.59 ug/ml

Instrument :
FID_D
ClientSampleId :



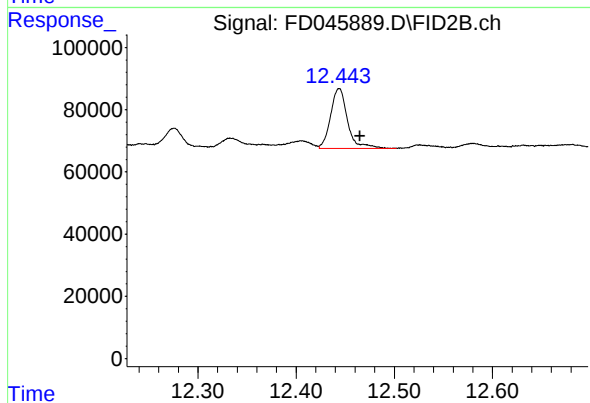
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: -0.020 min
Response: 45894
Conc: 0.27 ug/ml



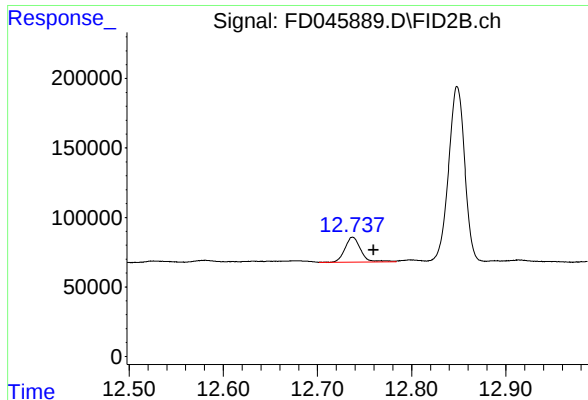
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.015 min
Response: 6836924
Conc: 30.61 ug/ml



#12 Fluoranthene (C21.85)

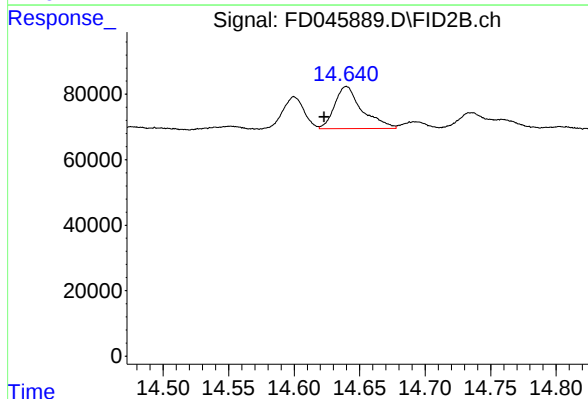
R.T.: 12.444 min
Delta R.T.: -0.021 min
Response: 230677
Conc: 1.25 ug/ml



#13 Pyrene (C20.8)

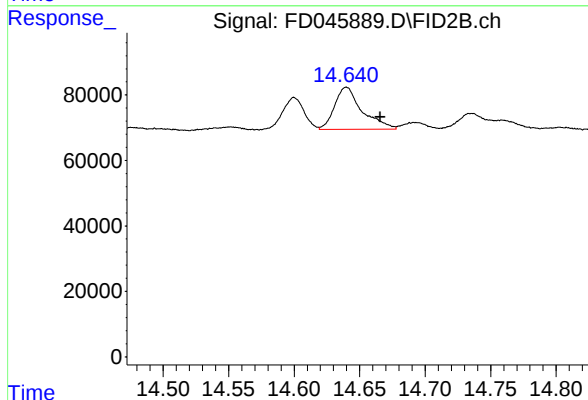
R.T.: 12.737 min
Delta R.T.: -0.022 min
Response: 209486
Conc: 1.17 ug/ml

Instrument :
FID_D
ClientSampleId :



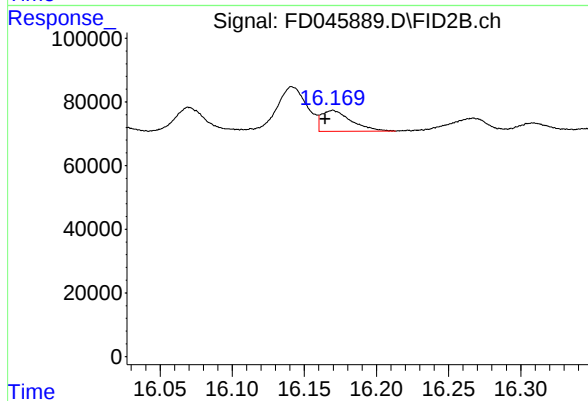
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.017 min
Response: 189102
Conc: 1.21 ug/ml



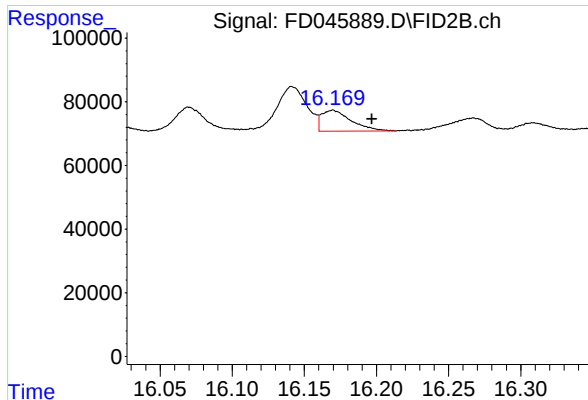
#15 Chrysene (C27.41)

R.T.: 14.640 min
Delta R.T.: -0.026 min
Response: 189102
Conc: 1.15 ug/ml



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

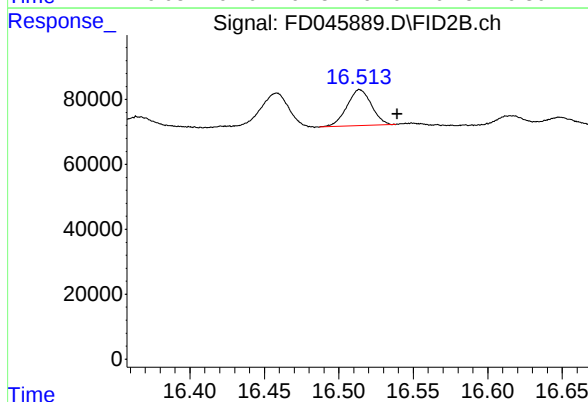
R.T.: 16.170 min
Delta R.T.: 0.005 min
Response: 94519
Conc: 0.62 ug/ml



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

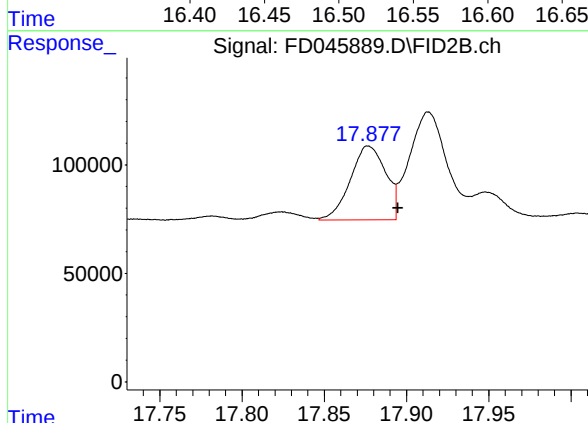
R.T.: 16.170 min
Delta R.T.: -0.027 min
Response: 94519
Conc: 0.61 ug/ml

Instrument :
FID_D
ClientSampleId :



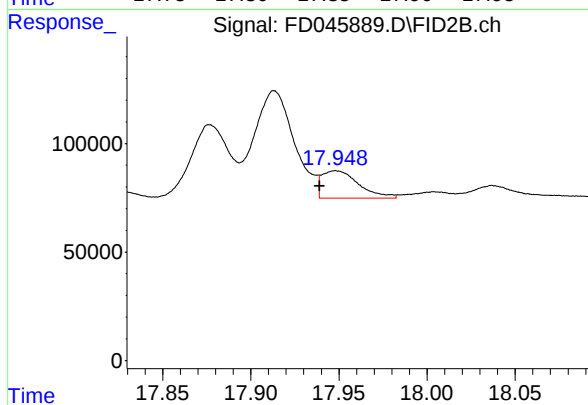
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: -0.025 min
Response: 126933
Conc: 0.87 ug/ml



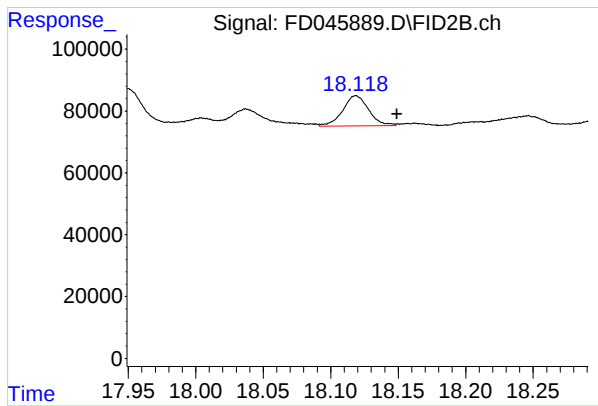
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.877 min
Delta R.T.: -0.018 min
Response: 508726
Conc: 3.47 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.948 min
Delta R.T.: 0.009 min
Response: 184086
Conc: 1.23 ug/ml



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

R.T.: 18.119 min
Delta R.T.: -0.030 min
Response: 130583
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :