

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045708.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 13:09
 Operator : YP/AJ
 Sample : 02837-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 04:46:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.557	32356716	189.695 ug/ml
Spiked Amount 50.000		Recovery =	379.39%
6) S 2-Fluorobiphenyl (SURR)	8.422	32775339	285.067 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	570.13%#
11) S ortho-Terphenyl (SURR)	11.403	33058315	156.585 ug/ml
Spiked Amount 50.000		Recovery =	313.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	6211384	33.276 ug/ml
2) T Naphthalene (C11.7)	5.886	10461224	53.184 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	25353245	128.341 ug/ml
5) T Acenaphthylene (C15.06)	8.196	14243407	79.278 ug/ml
7) T Acenaphthene (C15.5)	8.520	56837496	298.675 ug/ml
8) T Fluorene (C16.55)	9.278	16192115	85.857 ug/ml
9) T Phenanthrene (C19.36)	10.674	40084828	215.655 ug/ml
10) T Anthracene (C19.43)	10.746	20679712	115.676 ug/ml
12) T Fluoranthene (C21.85)	12.452	49314847	273.368 ug/ml
13) T Pyrene (C20.8)	12.773	13820087	78.855 ug/ml
14) T Benzo[a]anthracene (C...	14.658	15855433	99.613 ug/ml
15) T Chrysene (C27.41)	14.658	15855433	97.645 ug/ml
16) T benzo[b]fluoranthene ...	16.189	7655557	51.981 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	7655557	52.946 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	6253738	44.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	6424042	50.562 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	6671365	51.945 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	6486299	50.428 ug/ml

(f)=RT Delta > 1/2 Window

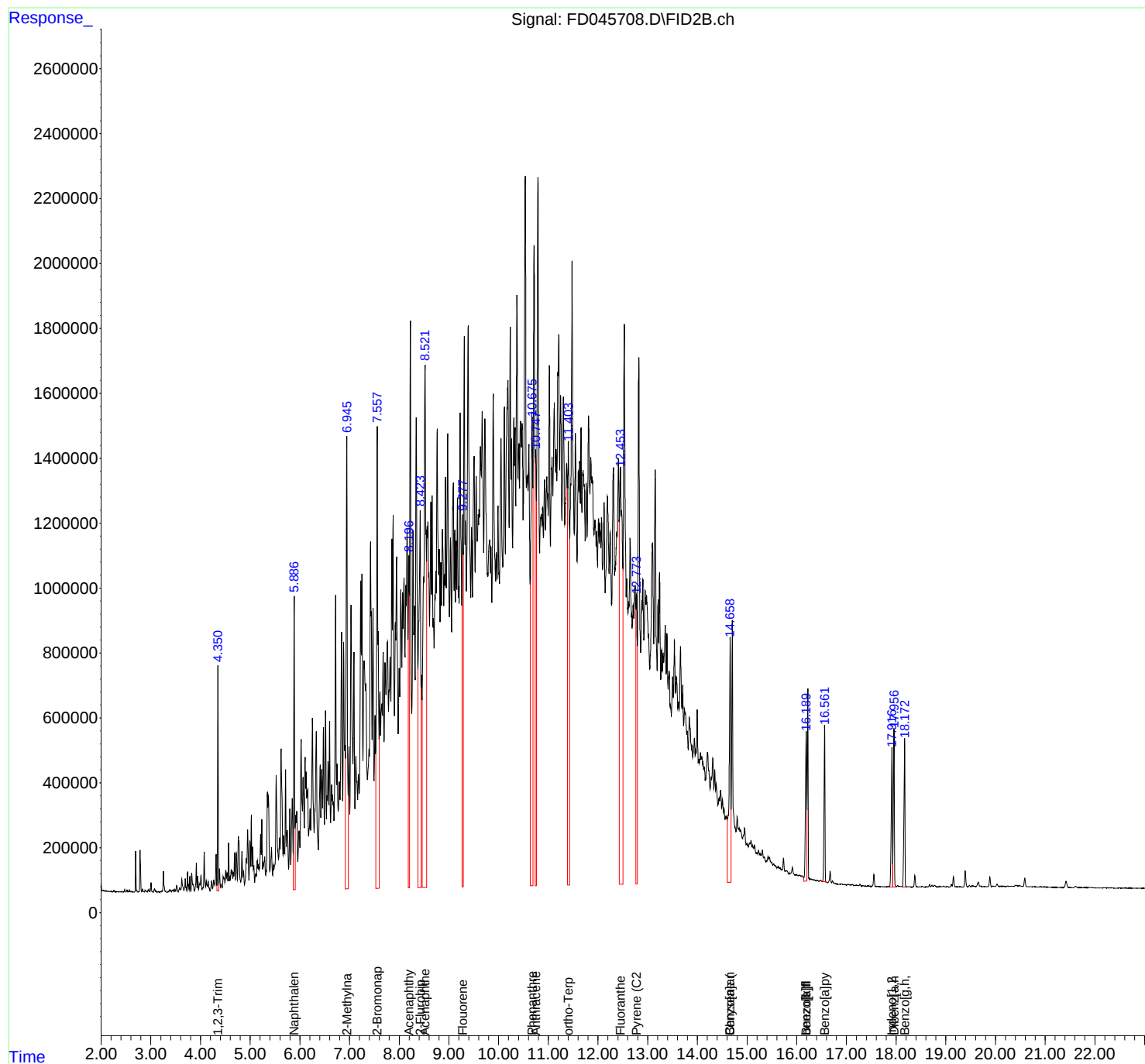
(m)=manual int.

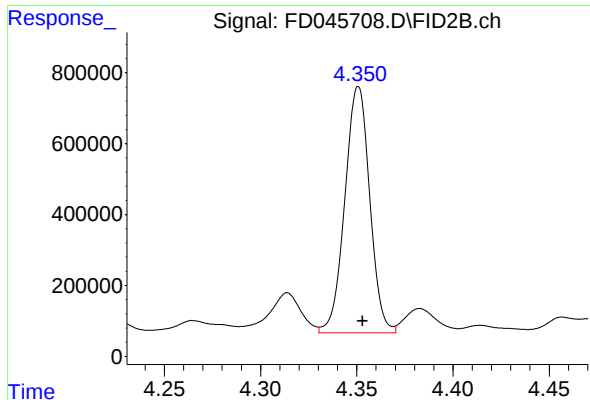
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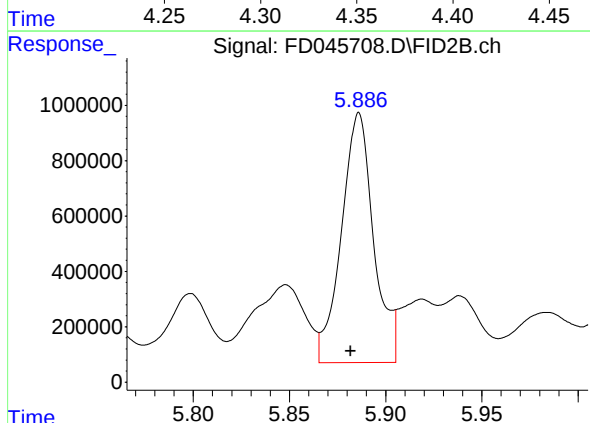




#1 1,2,3-Trimethylbenzene (C10.1)

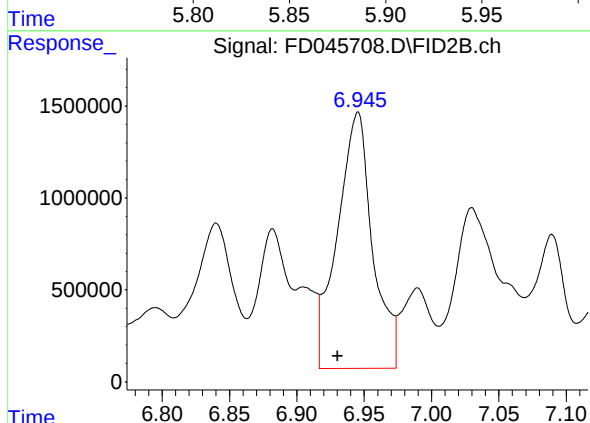
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 6211384
Conc: 33.28 ug/ml

Instrument :
FID_D
ClientSampleId :



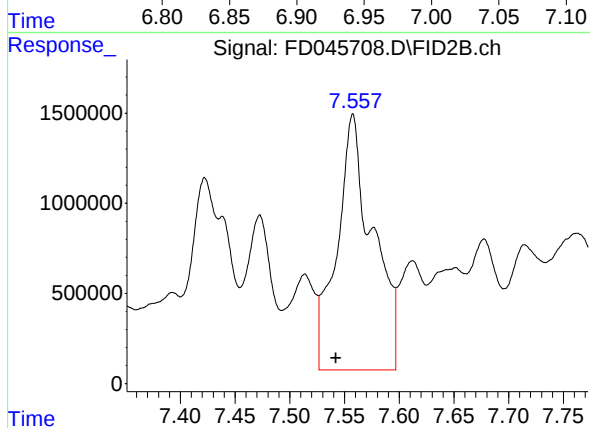
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: 0.004 min
Response: 10461224
Conc: 53.18 ug/ml



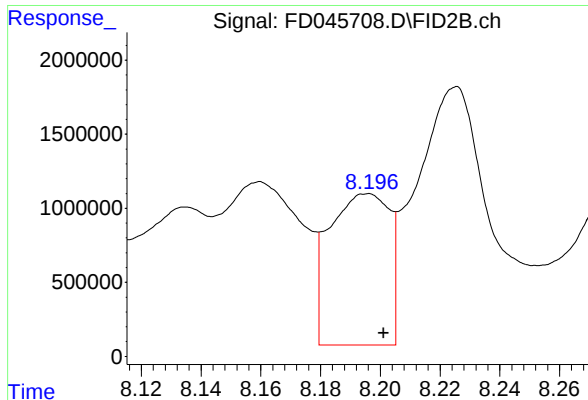
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: 0.015 min
Response: 25353245
Conc: 128.34 ug/ml



#4 2-Bromonaphthalene (SURR)

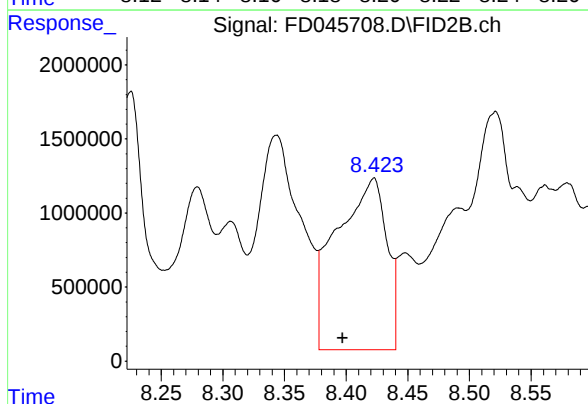
R.T.: 7.557 min
Delta R.T.: 0.015 min
Response: 32356716
Conc: 189.69 ug/ml



#5 Acenaphthylene (C15.06)

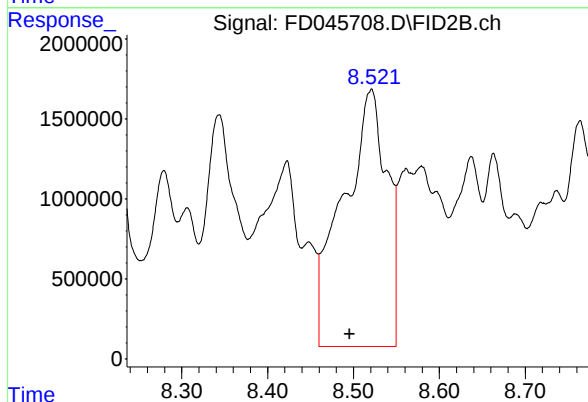
R.T.: 8.196 min
Delta R.T.: -0.006 min
Response: 14243407
Conc: 79.28 ug/ml

Instrument :
FID_D
ClientSampleId :



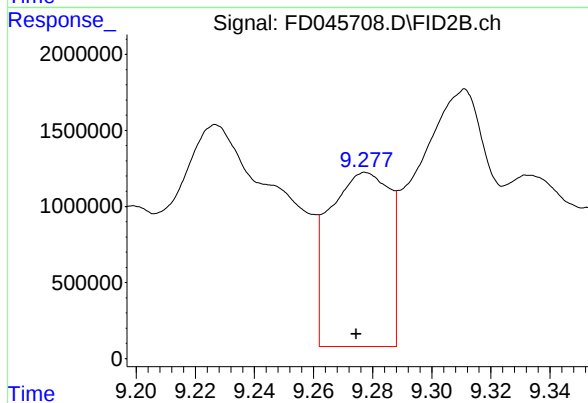
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.422 min
Delta R.T.: 0.025 min
Response: 32775339
Conc: 285.07 ug/ml



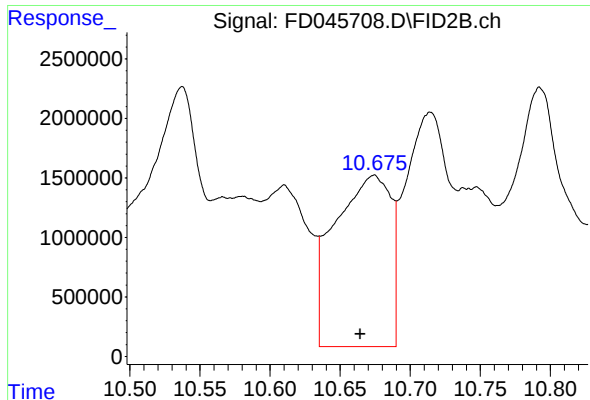
#7 Acenaphthene (C15.5)

R.T.: 8.520 min
Delta R.T.: 0.024 min
Response: 56837496
Conc: 298.68 ug/ml



#8 Fluorene (C16.55)

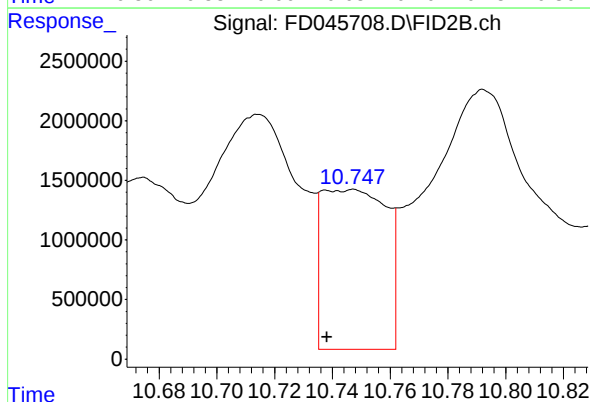
R.T.: 9.278 min
Delta R.T.: 0.003 min
Response: 16192115
Conc: 85.86 ug/ml



#9 Phenanthrene (C19.36)

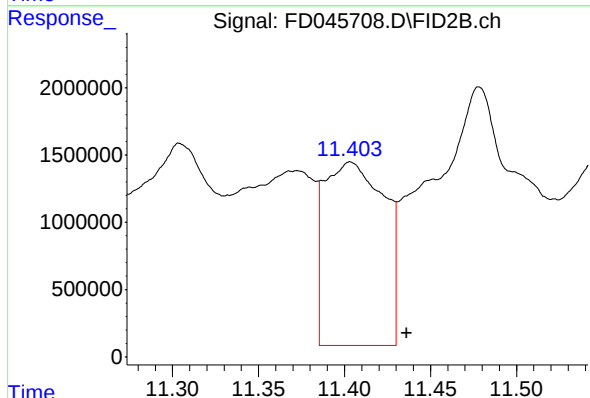
R.T.: 10.674 min
Delta R.T.: 0.009 min
Response: 40084828
Conc: 215.66 ug/ml

Instrument :
FID_D
ClientSampleId :



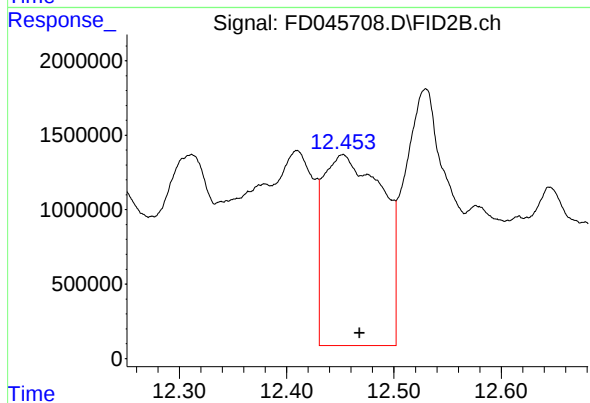
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.008 min
Response: 20679712
Conc: 115.68 ug/ml



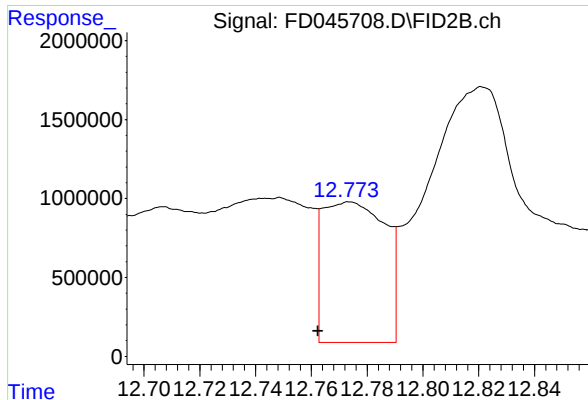
#11 ortho-Terphenyl (SURR)

R.T.: 11.403 min
Delta R.T.: -0.033 min
Response: 33058315
Conc: 156.58 ug/ml



#12 Fluoranthene (C21.85)

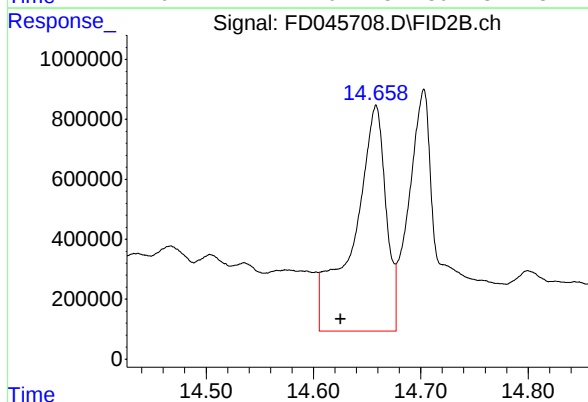
R.T.: 12.452 min
Delta R.T.: -0.016 min
Response: 49314847
Conc: 273.37 ug/ml



#13 Pyrene (C20.8)

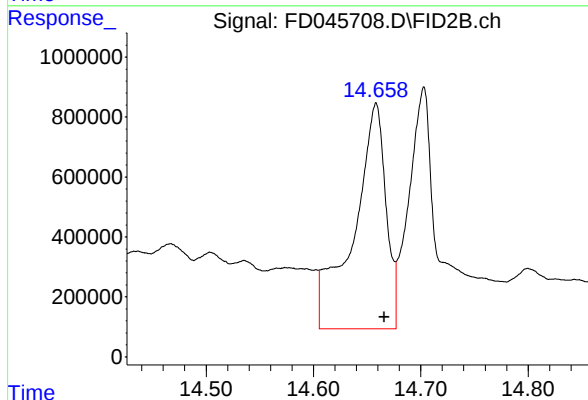
R.T.: 12.773 min
Delta R.T.: 0.011 min
Response: 13820087
Conc: 78.85 ug/ml

Instrument :
FID_D
ClientSampleId :



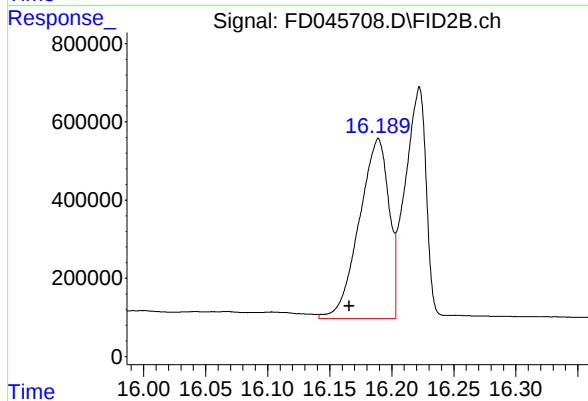
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min
Delta R.T.: 0.033 min
Response: 15855433
Conc: 99.61 ug/ml



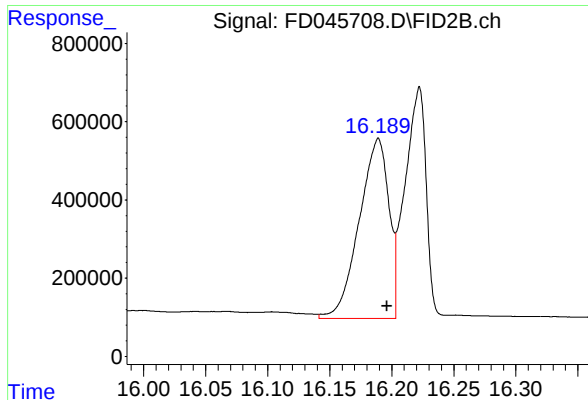
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 15855433
Conc: 97.64 ug/ml



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

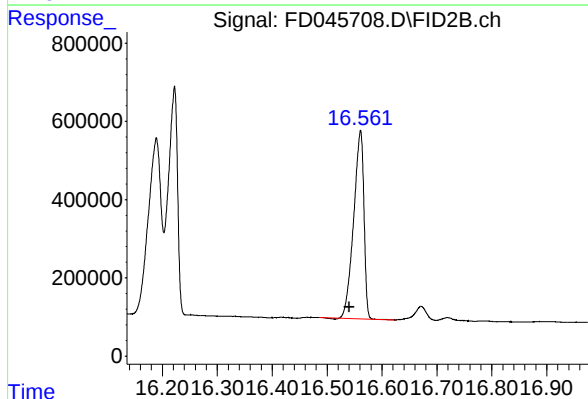
R.T.: 16.189 min
Delta R.T.: 0.023 min
Response: 7655557
Conc: 51.98 ug/ml



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

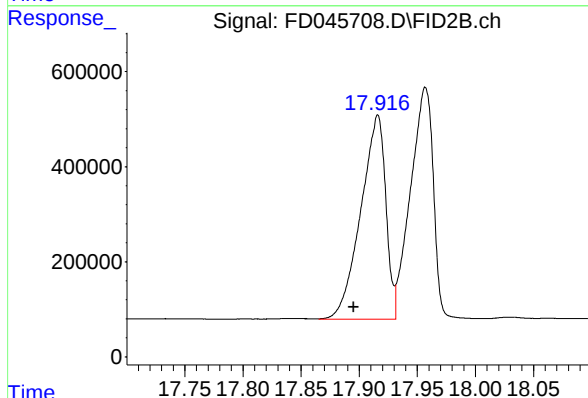
R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 765557
Conc: 52.95 ug/ml

Instrument :
FID_D
ClientSampleId :



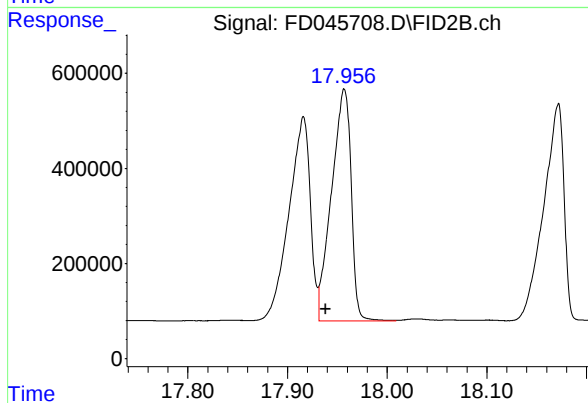
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.020 min
Response: 6253738
Conc: 44.85 ug/ml



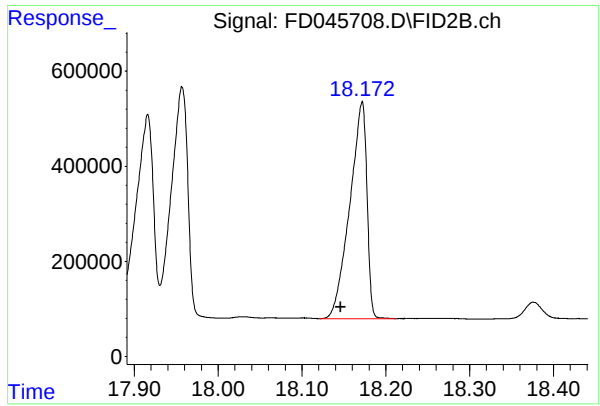
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: 0.020 min
Response: 6424042
Conc: 50.56 ug/ml



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

R.T.: 17.957 min
Delta R.T.: 0.018 min
Response: 6671365
Conc: 51.95 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.025 min
Response: 6486299
Conc: 50.43 ug/ml

Instrument :

FID_D

ClientSampleId :