

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048342.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 01:41
 Operator : YP/AJ
 Sample : P4104-02
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 05:22:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.387	7450824	49.128 ug/ml
Spiked Amount 50.000		Recovery =	98.26%
6) S 2-Fluorobiphenyl (SURR)	8.237	4877566	51.048 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.10%
11) S ortho-Terphenyl (SURR)	11.273	4444620	25.906 ug/ml
Spiked Amount 50.000		Recovery =	51.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.216	19616	0.111 ug/ml
2) T Naphthalene (C11.7)	5.735	194427	1.075 ug/ml
3) T 2-Methylnaphthalene (...)	6.782	156967	0.877 ug/ml
5) T Acenaphthylene (C15.06)	8.043	229655	1.314 ug/ml
7) T Acenaphthene (C15.5)	8.334	399687	2.247 ug/ml
8) T Flouorene (C16.55)	9.114	367414	2.194 ug/ml
9) T Phenanthrene (C19.36)	10.499	2837811	17.577 ug/ml
10) T Anthracene (C19.43)	10.575	702435	4.414 ug/ml
12) T Fluoranthene (C21.85)	12.303	3427607	21.143 ug/ml
13) T Pyrene (C20.8)	12.596	3206237	19.997 ug/ml
14) T Benzo[a]anthracene (C...	14.464	1494343	10.668 ug/ml
15) T Chrysene (C27.41)	14.504	1579025	9.586 ug/ml
16) T benzo[b]fluoranthene ...	16.011	1877713	12.638 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	488109	3.169 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	1181122	7.983 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	1153802	10.211 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	262202	1.718 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	677939	4.599 ug/ml

(f)=RT Delta > 1/2 Window

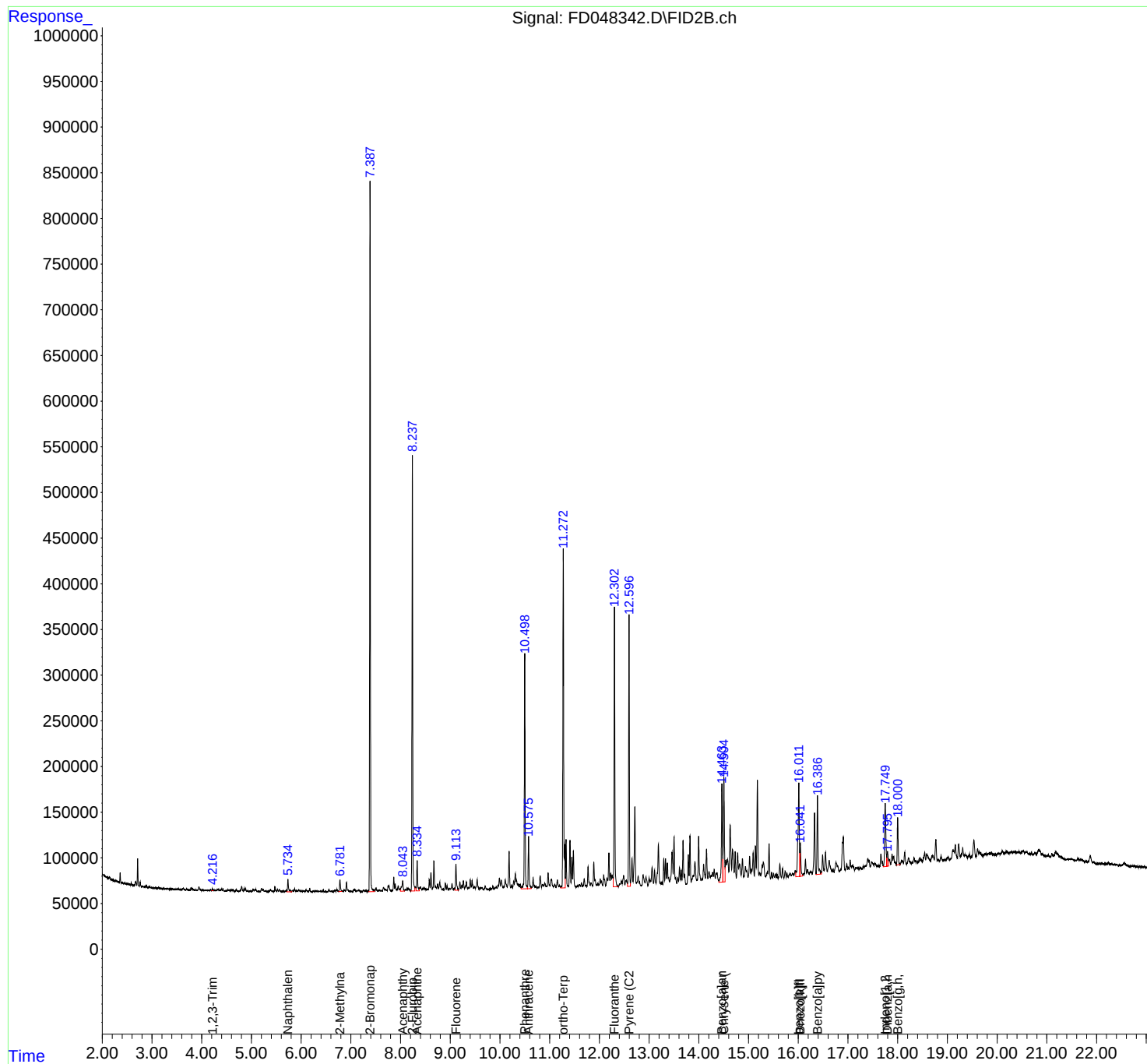
(m)=manual int.

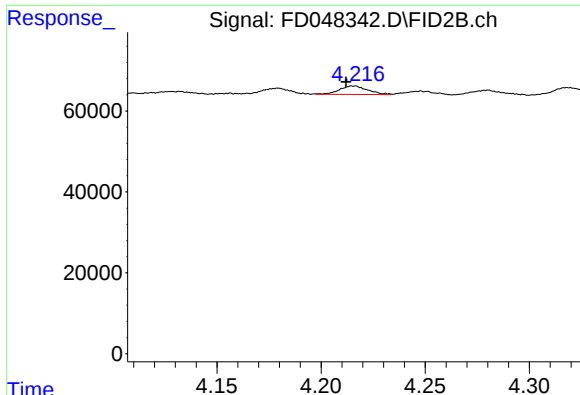
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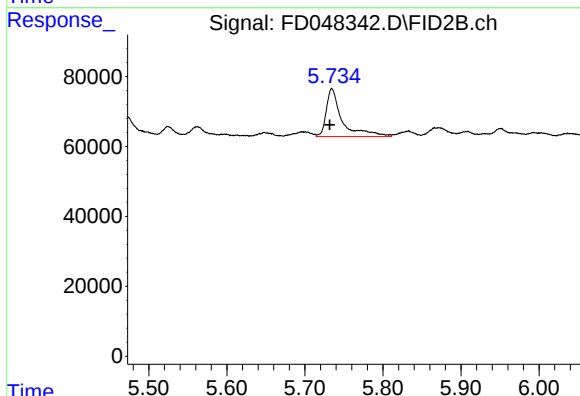




#1 1,2,3-Trimethylbenzene (C10.1)

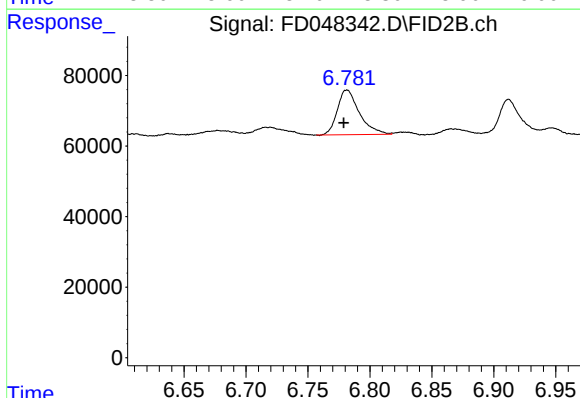
R.T.: 4.216 min
Delta R.T.: 0.004 min
Response: 19616
Conc: 0.11 ug/ml

Instrument :
FID_D
ClientSampleId :



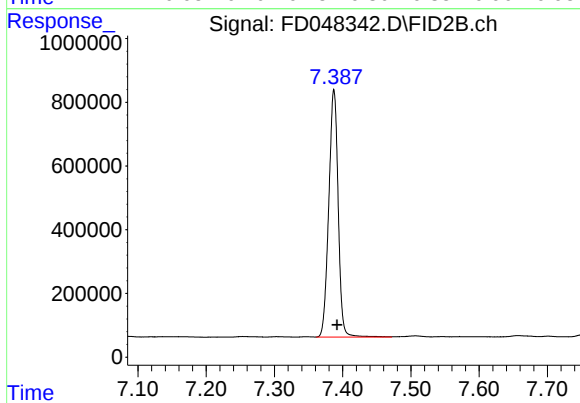
#2 Naphthalene (C11.7)

R.T.: 5.735 min
Delta R.T.: 0.003 min
Response: 194427
Conc: 1.08 ug/ml



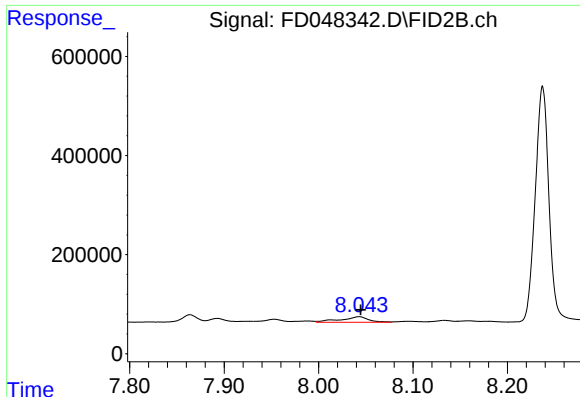
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 156967
Conc: 0.88 ug/ml



#4 2-Bromonaphthalene (SURR)

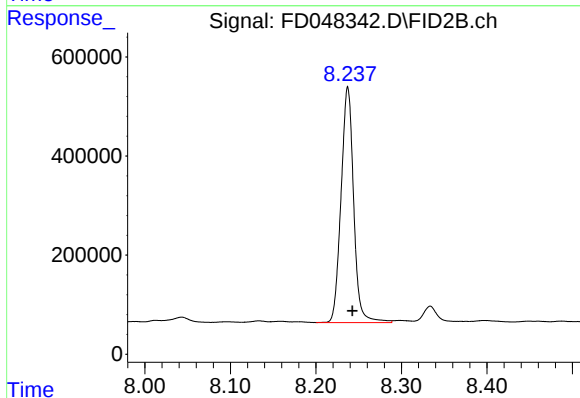
R.T.: 7.387 min
Delta R.T.: -0.004 min
Response: 7450824
Conc: 49.13 ug/ml



#5 Acenaphthylene (C15.06)

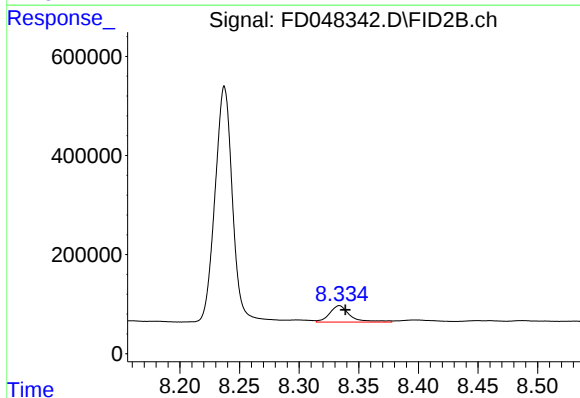
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 229655
Conc: 1.31 ug/ml

Instrument :
FID_D
ClientSampleId :



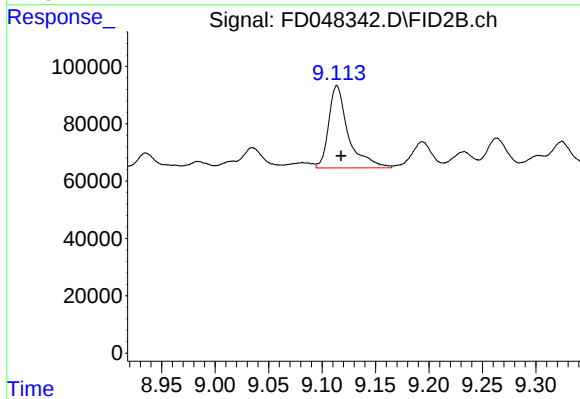
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.005 min
Response: 4877566
Conc: 51.05 ug/ml



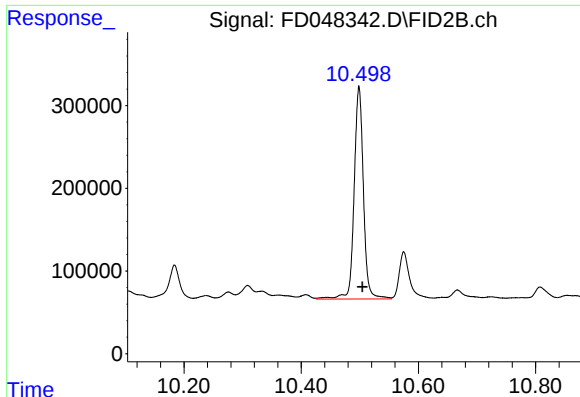
#7 Acenaphthene (C15.5)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 399687
Conc: 2.25 ug/ml



#8 Fluorene (C16.55)

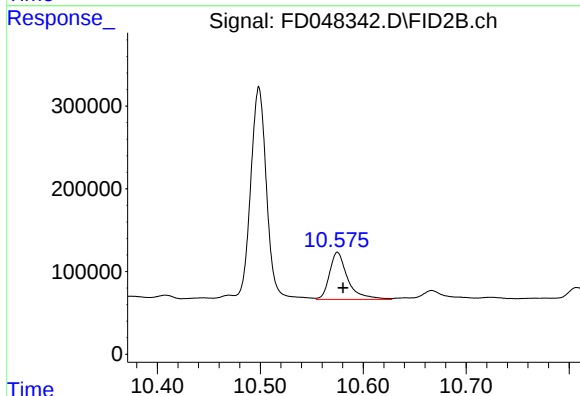
R.T.: 9.114 min
Delta R.T.: -0.004 min
Response: 367414
Conc: 2.19 ug/ml



#9 Phenanthrene (C19.36)

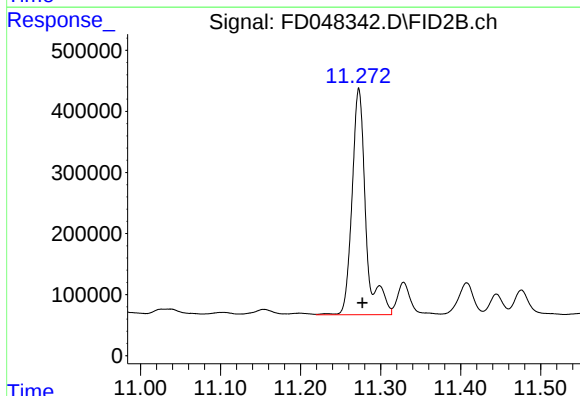
R.T.: 10.499 min
Delta R.T.: -0.006 min
Response: 2837811
Conc: 17.58 ug/ml

Instrument :
FID_D
ClientSampleId :



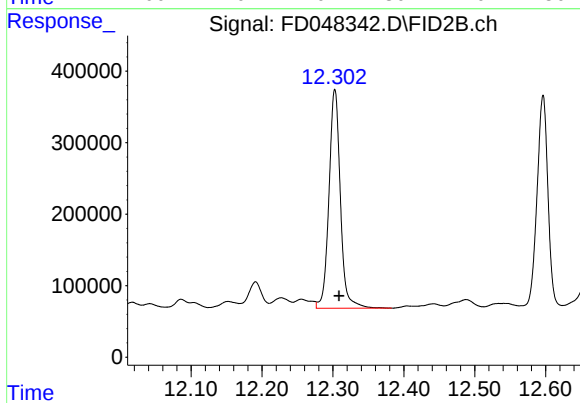
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: -0.005 min
Response: 702435
Conc: 4.41 ug/ml



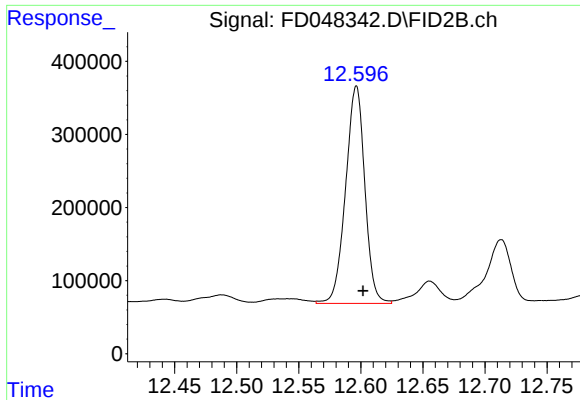
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 4444620
Conc: 25.91 ug/ml



#12 Fluoranthene (C21.85)

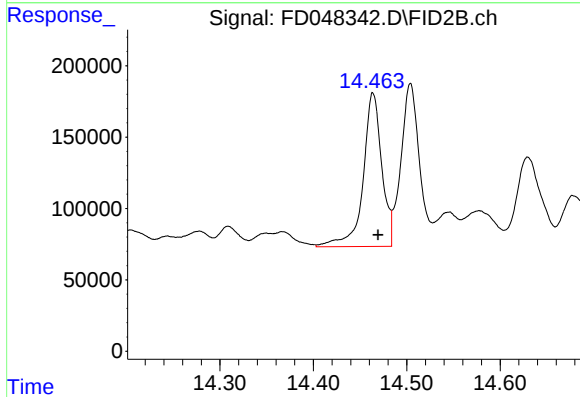
R.T.: 12.303 min
Delta R.T.: -0.006 min
Response: 3427607
Conc: 21.14 ug/ml



#13 Pyrene (C20.8)

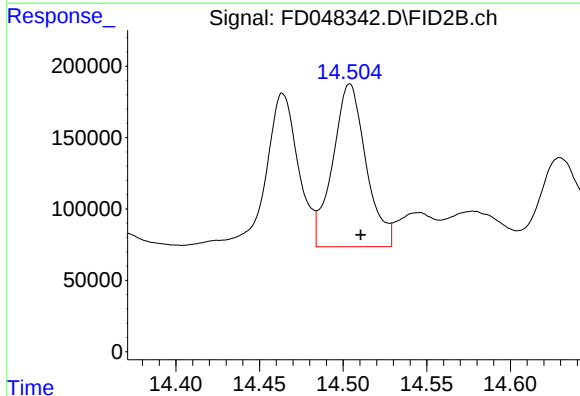
R.T.: 12.596 min
Delta R.T.: -0.005 min
Response: 3206237
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



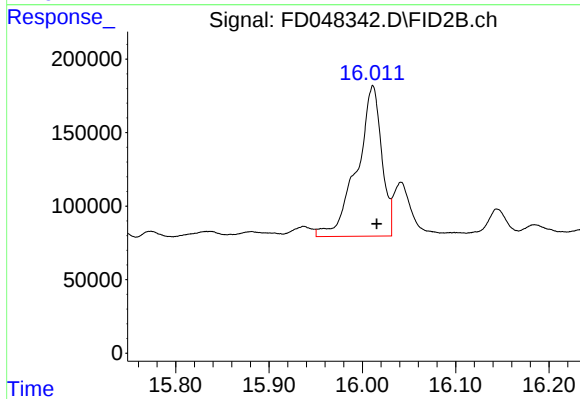
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.005 min
Response: 1494343
Conc: 10.67 ug/ml



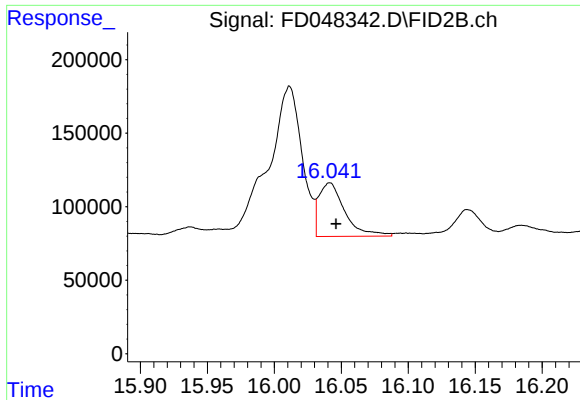
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: -0.007 min
Response: 1579025
Conc: 9.59 ug/ml



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

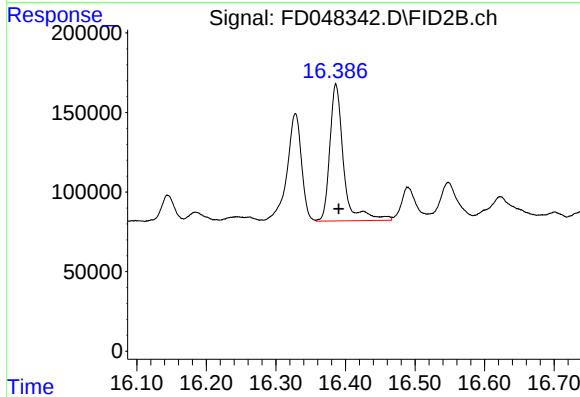
R.T.: 16.011 min
Delta R.T.: -0.004 min
Response: 1877713
Conc: 12.64 ug/ml



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

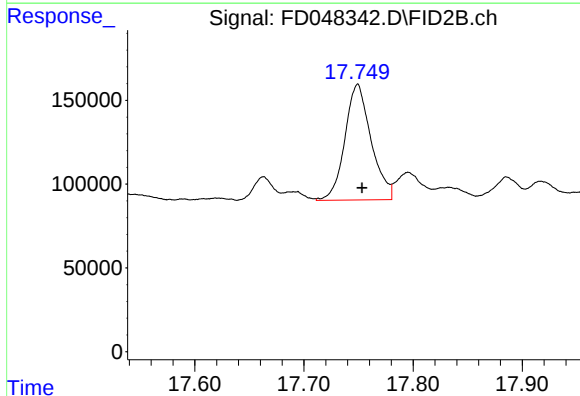
R.T.: 16.041 min
Delta R.T.: -0.005 min
Response: 488109
Conc: 3.17 ug/ml

Instrument :
FID_D
ClientSampleId :



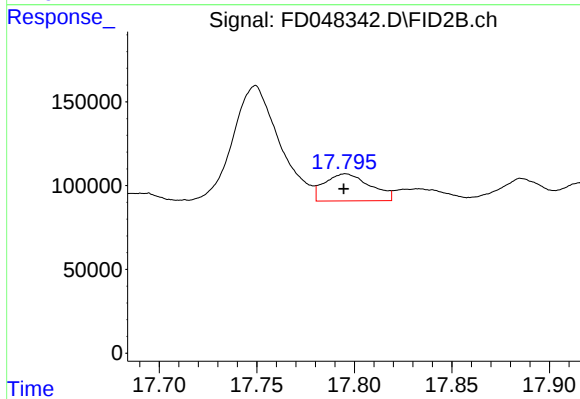
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.004 min
Response: 1181122
Conc: 7.98 ug/ml



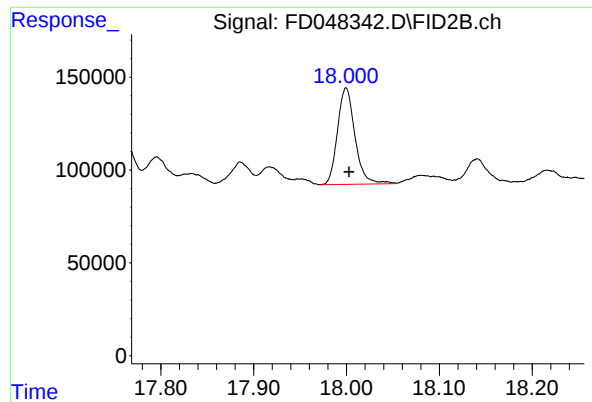
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.004 min
Response: 1153802
Conc: 10.21 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 262202
Conc: 1.72 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.003 min
Response: 677939
Conc: 4.60 ug/ml

Instrument :

FID_D

ClientSampleId :