

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048341.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 01:03
 Operator : YP/AJ
 Sample : P4104-01
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 20 05:21:55 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	7615699	50.215 ug/ml
Spiked Amount 50.000		Recovery =	100.43%
6) S 2-Fluorobiphenyl (SURR)	8.237	4191675	43.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.74%
11) S ortho-Terphenyl (SURR)	11.271	3598504	20.974 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	22045	0.125 ug/ml
2) T Naphthalene (C11.7)	5.744	83085	0.459 ug/ml
3) T 2-Methylnaphthalene (...)	6.784	228536	1.277 ug/ml
5) T Acenaphthylene (C15.06)	8.042	183022	1.048 ug/ml
7) T Acenaphthene (C15.5)	8.336	154099	0.866 ug/ml
8) T Fluorene (C16.55)	9.121	172867	1.032 ug/ml
9) T Phenanthrene (C19.36)	10.501	888282	5.502 ug/ml
10) T Anthracene (C19.43)	10.583	244195	1.535 ug/ml
12) T Fluoranthene (C21.85)	12.303	1044570	6.443 ug/ml
13) T Pyrene (C20.8)	12.596	876414	5.466 ug/ml
14) T Benzo[a]anthracene (C...	14.469	315589	2.253 ug/ml
15) T Chrysene (C27.41)	14.508	428780	2.603 ug/ml
16) T benzo[b]fluoranthene ...	16.016	417366	2.809 ug/ml
17) T Bnezo[k]fluoranthene ...	16.049	178869	1.161 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	333953	2.257 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	368674	3.263 ug/ml
20) T Dibenz[a,h]anthracene...	17.799	318732	2.089 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	288793	1.959 ug/ml

(f)=RT Delta > 1/2 Window

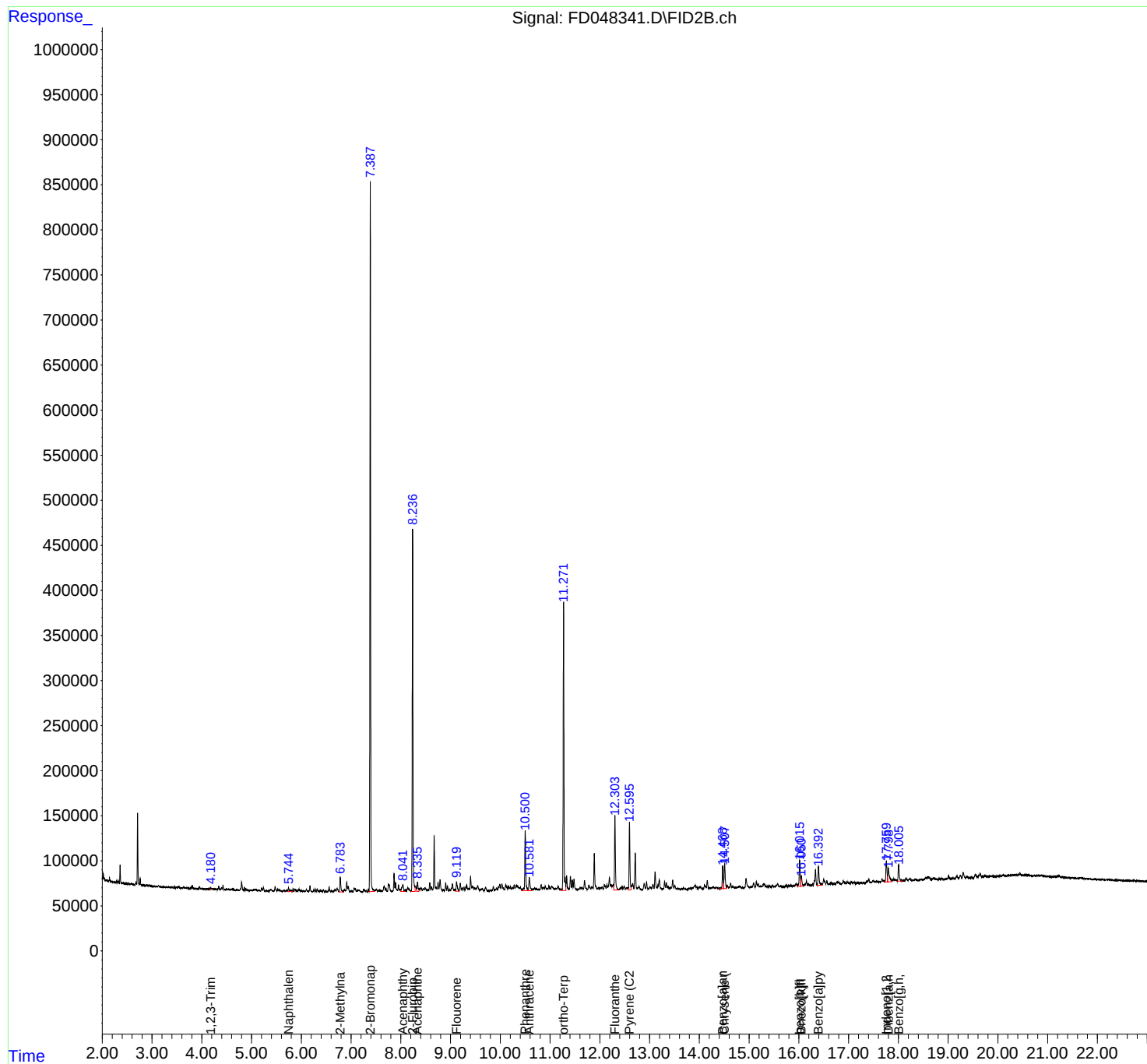
(m)=manual int.

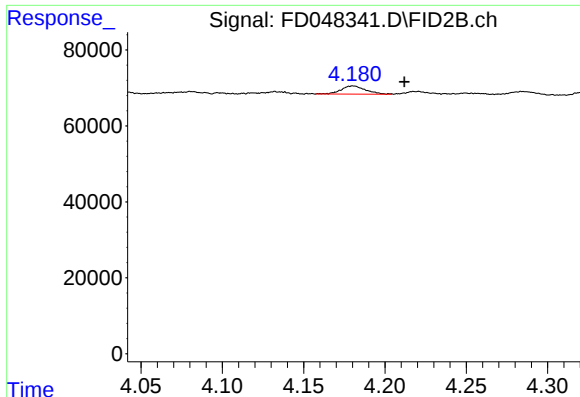
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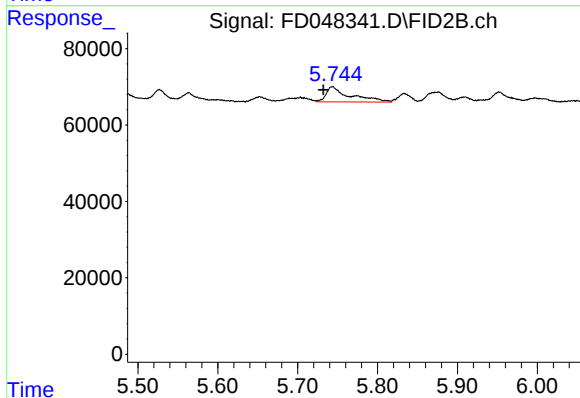




#1 1,2,3-Trimethylbenzene (C10.1)

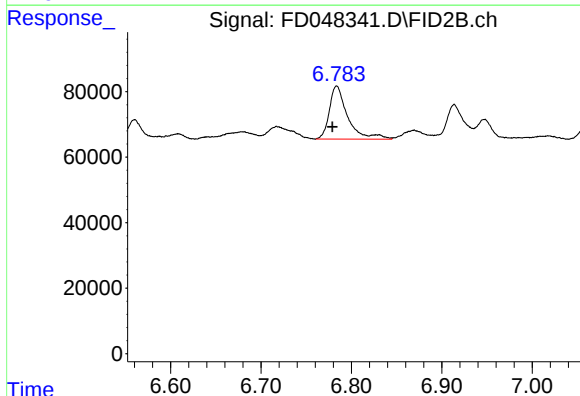
R.T.: 4.180 min
Delta R.T.: -0.032 min
Response: 22045
Conc: 0.12 ug/ml

Instrument :
FID_D
ClientSampleId :



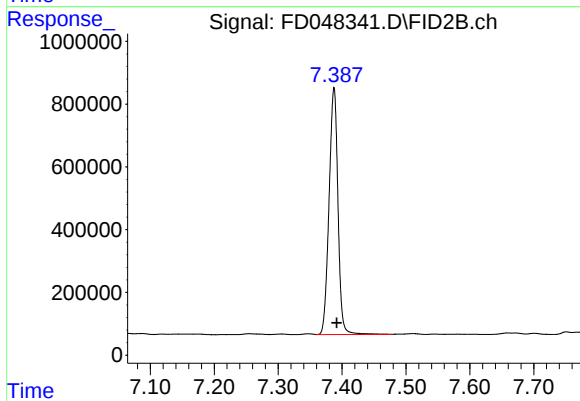
#2 Naphthalene (C11.7)

R.T.: 5.744 min
Delta R.T.: 0.012 min
Response: 83085
Conc: 0.46 ug/ml



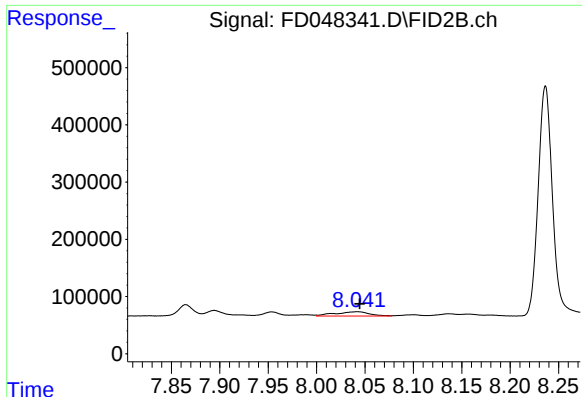
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.784 min
Delta R.T.: 0.005 min
Response: 228536
Conc: 1.28 ug/ml



#4 2-Bromonaphthalene (SURR)

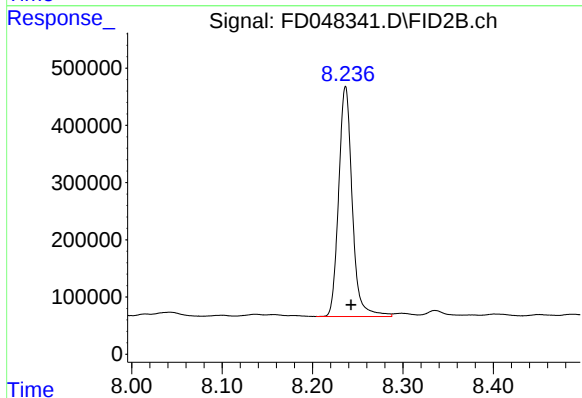
R.T.: 7.387 min
Delta R.T.: -0.004 min
Response: 7615699
Conc: 50.22 ug/ml



#5 Acenaphthylene (C15.06)

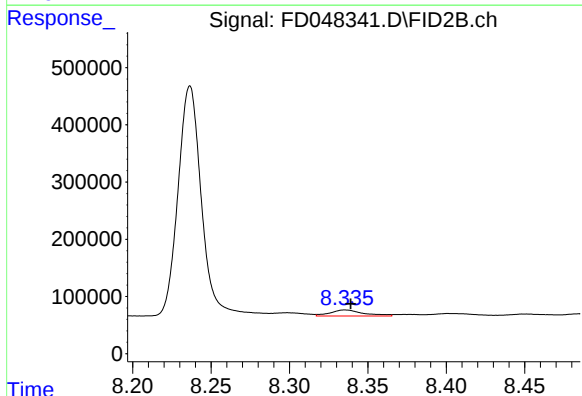
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 183022
Conc: 1.05 ug/ml

Instrument :
FID_D
ClientSampleId :



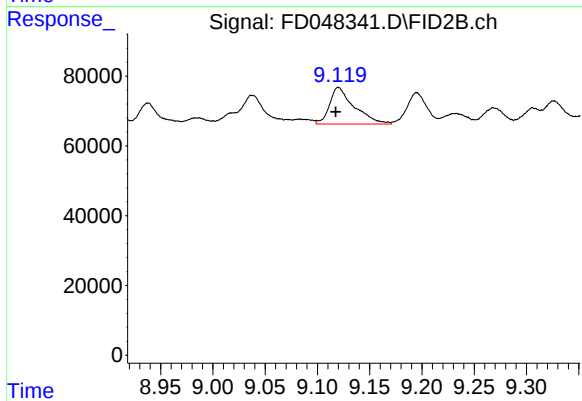
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min
Delta R.T.: -0.006 min
Response: 4191675
Conc: 43.87 ug/ml



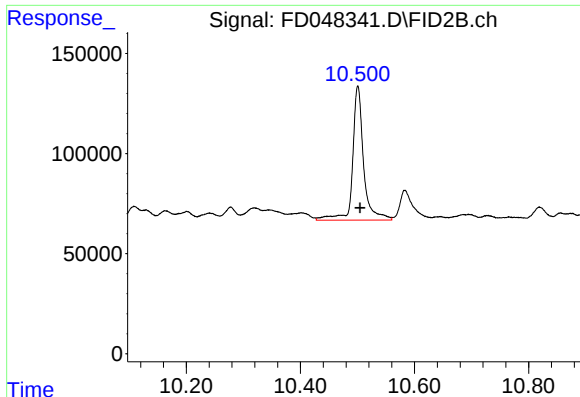
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 154099
Conc: 0.87 ug/ml



#8 Flouorene (C16.55)

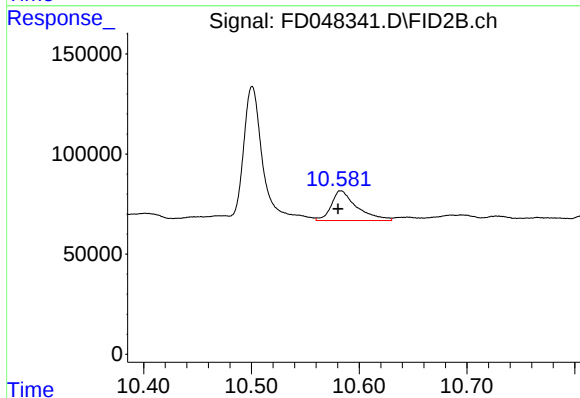
R.T.: 9.121 min
Delta R.T.: 0.003 min
Response: 172867
Conc: 1.03 ug/ml



#9 Phenanthrene (C19.36)

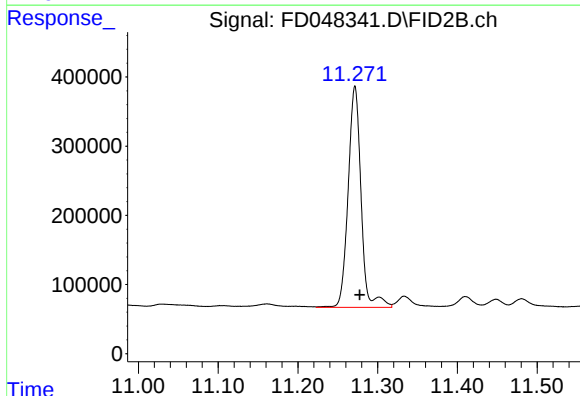
R.T.: 10.501 min
Delta R.T.: -0.004 min
Response: 888282
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :



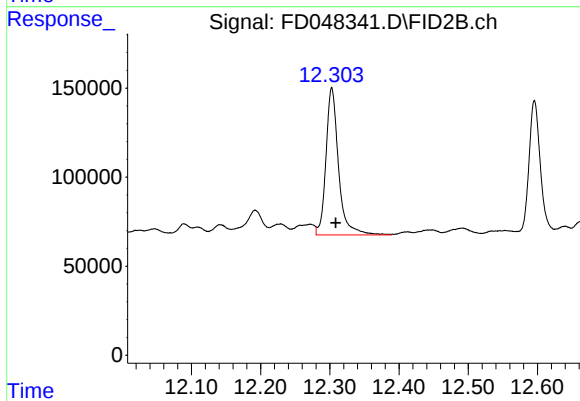
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: 0.003 min
Response: 244195
Conc: 1.53 ug/ml



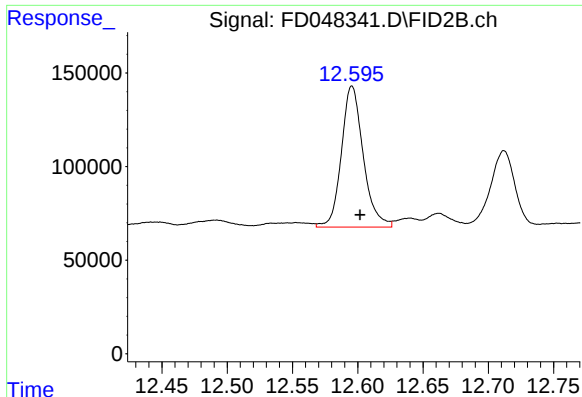
#11 ortho-Terphenyl (SURR)

R.T.: 11.271 min
Delta R.T.: -0.006 min
Response: 3598504
Conc: 20.97 ug/ml



#12 Fluoranthene (C21.85)

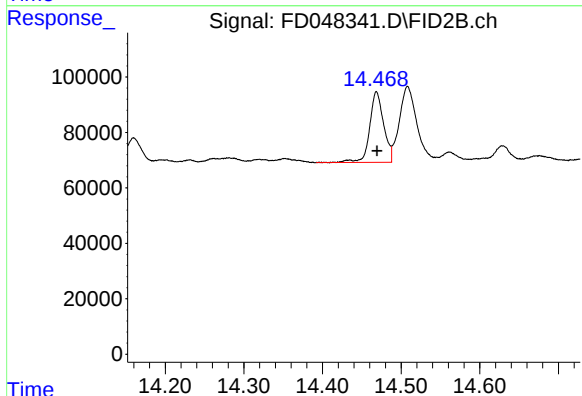
R.T.: 12.303 min
Delta R.T.: -0.006 min
Response: 1044570
Conc: 6.44 ug/ml



#13 Pyrene (C20.8)

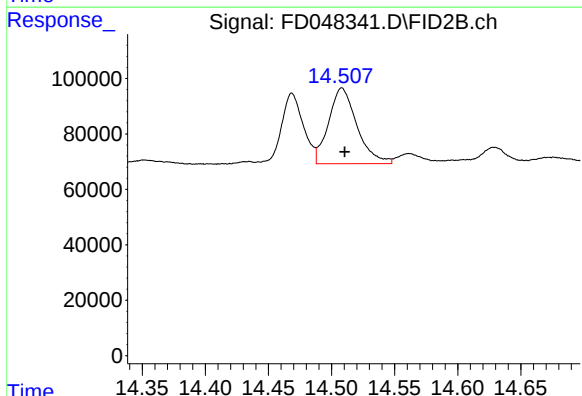
R.T.: 12.596 min
Delta R.T.: -0.006 min
Response: 876414
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :



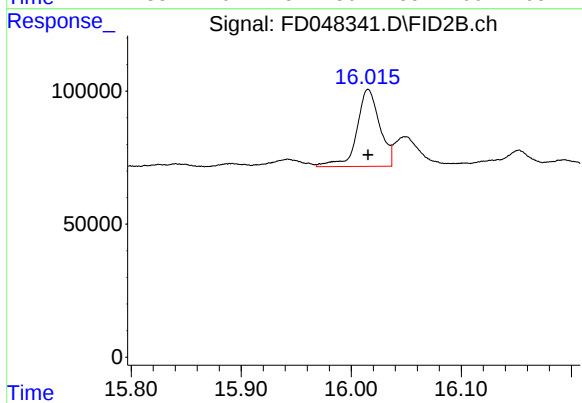
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 315589
Conc: 2.25 ug/ml



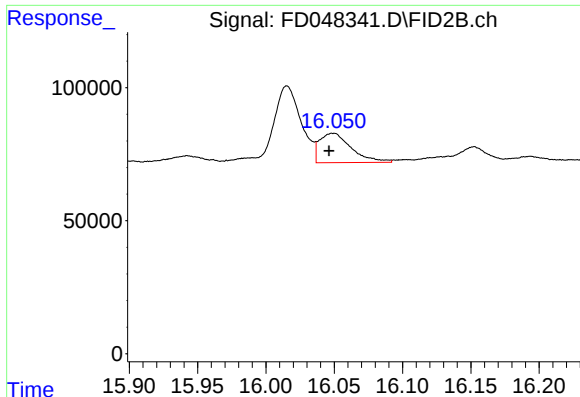
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.002 min
Response: 428780
Conc: 2.60 ug/ml



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

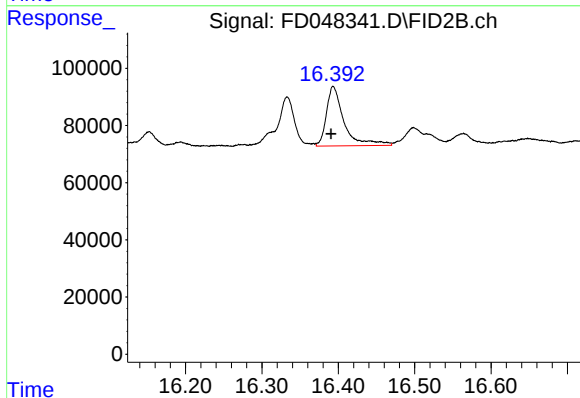
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 417366
Conc: 2.81 ug/ml



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

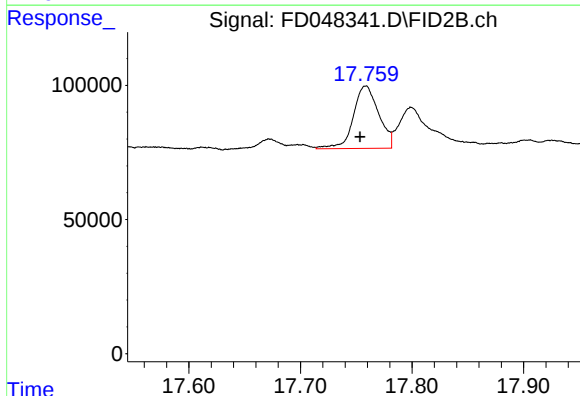
R.T.: 16.049 min
Delta R.T.: 0.003 min
Response: 178869
Conc: 1.16 ug/ml

Instrument :
FID_D
ClientSampleId :



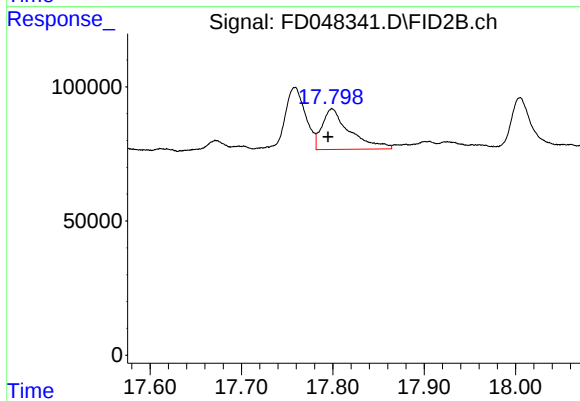
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 333953
Conc: 2.26 ug/ml



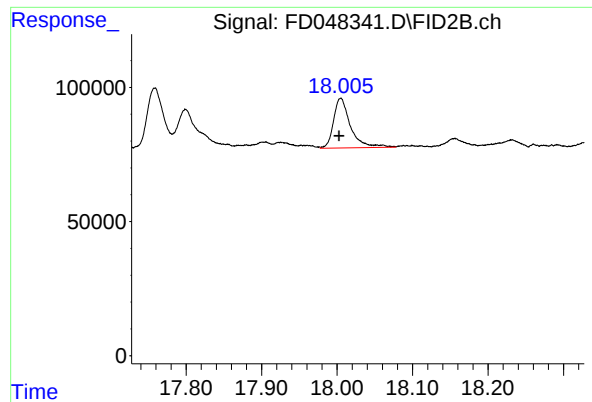
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 368674
Conc: 3.26 ug/ml



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

R.T.: 17.799 min
Delta R.T.: 0.005 min
Response: 318732
Conc: 2.09 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.002 min
Response: 288793
Conc: 1.96 ug/ml

Instrument :
FID_D
ClientSampleId :