

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091124AR\
 Data File : FD048299.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 20:34
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 11 04:49:38 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...	7.390	2923848	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
6) S 2-Fluorobiphenyl (SURR)	8.241	1806072	18.902 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.80%
11) S ortho-Terphenyl (SURR)	11.276	3247499	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	3414058	19.353 ug/ml
2) T Naphthalene (C11.7)	5.731	3466132	19.167 ug/ml
3) T 2-Methylnaphthalene (...)	6.777	3388923	18.942 ug/ml
5) T Acenaphthylene (C15.06)	8.042	3320135	19.003 ug/ml
7) T Acenaphthene (C15.5)	8.336	3374053	18.971 ug/ml
8) T Flouorene (C16.55)	9.115	3164634	18.899 ug/ml
9) T Phenanthrene (C19.36)	10.502	3022870	18.724 ug/ml
10) T Anthracene (C19.43)	10.578	2898652	18.216 ug/ml
12) T Fluoranthene (C21.85)	12.306	2988215	18.433 ug/ml
13) T Pyrene (C20.8)	12.599	2933311	18.295 ug/ml
14) T Benzo[a]anthracene (C...	14.468	2600875	18.567 ug/ml
15) T Chrysene (C27.41)	14.509	3023817	18.358 ug/ml
16) T benzo[b]fluoranthene ...	16.012	2738885	18.434 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2781089	18.057 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	2732892	18.471 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	1688306	14.942 ug/ml
20) T Dibenz[a,h]anthracene...	17.796	2442670	16.006 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	2476913	16.804 ug/ml

(f)=RT Delta > 1/2 Window

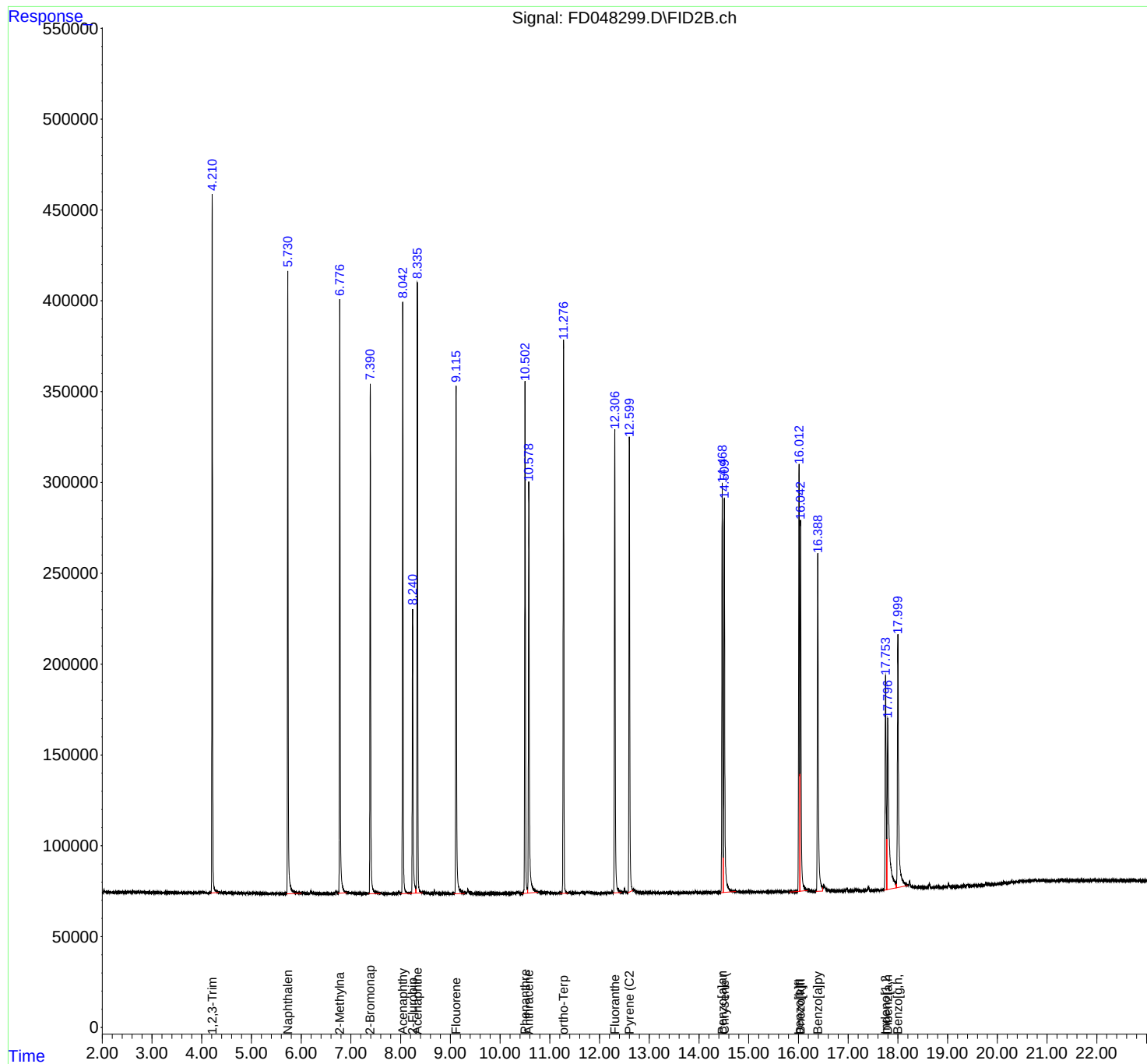
(m)=manual int.

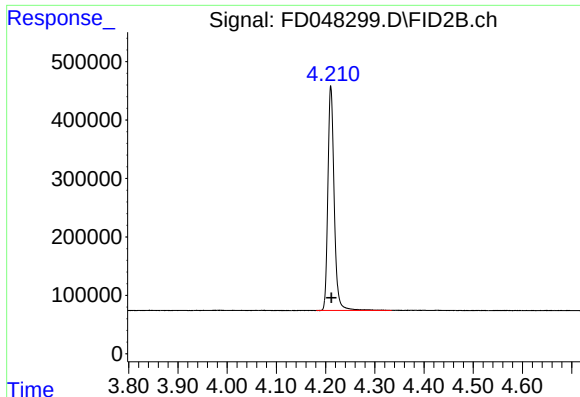
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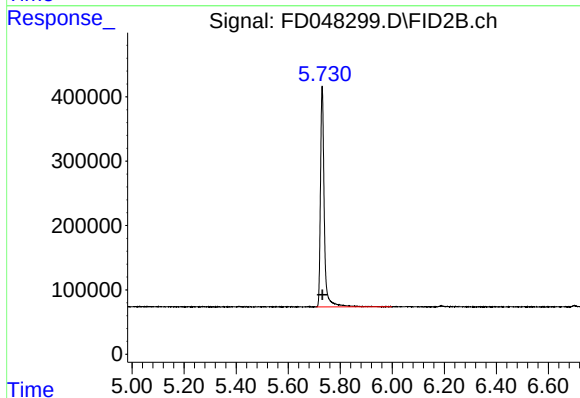




#1 1,2,3-Trimethylbenzene (C10.1)

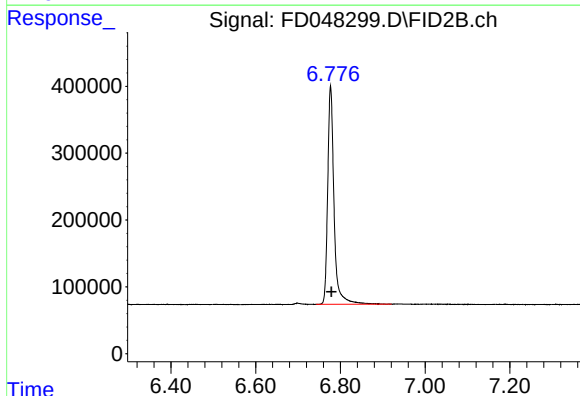
R.T.: 4.211 min
Delta R.T.: -0.001 min
Response: 3414058
Conc: 19.35 ug/ml

Instrument :
FID_D
ClientSampleId :



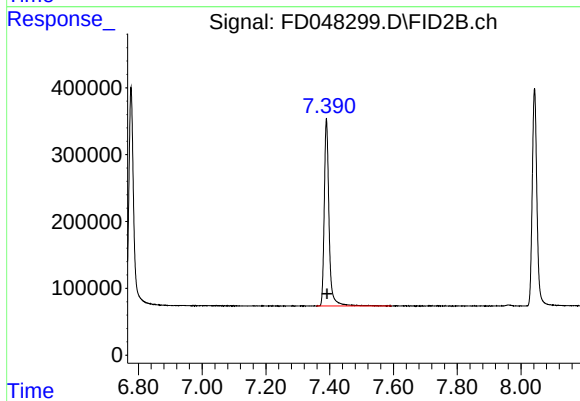
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 3466132
Conc: 19.17 ug/ml



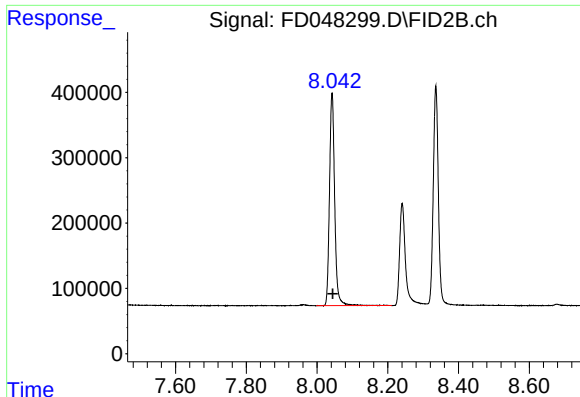
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 3388923
Conc: 18.94 ug/ml



#4 2-Bromonaphthalene (SURR)

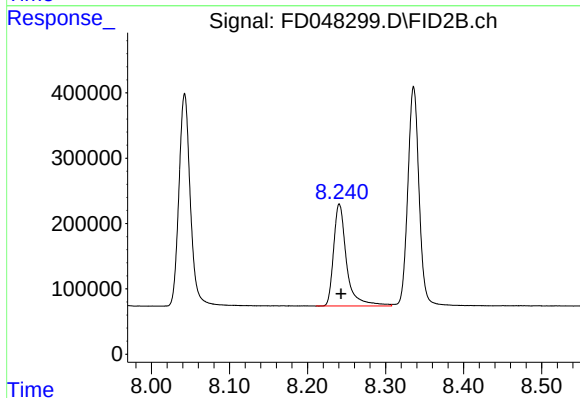
R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 2923848
Conc: 19.28 ug/ml



#5 Acenaphthylene (C15.06)

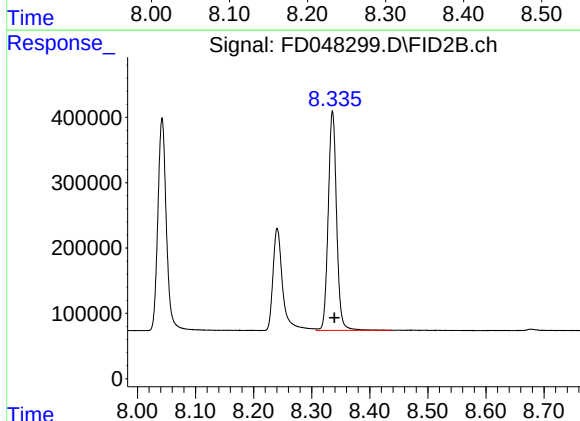
R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 3320135
Conc: 19.00 ug/ml

Instrument :
FID_D
ClientSampleId :



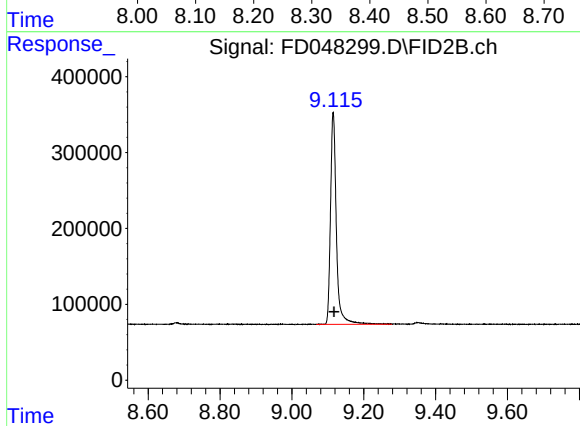
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 1806072
Conc: 18.90 ug/ml



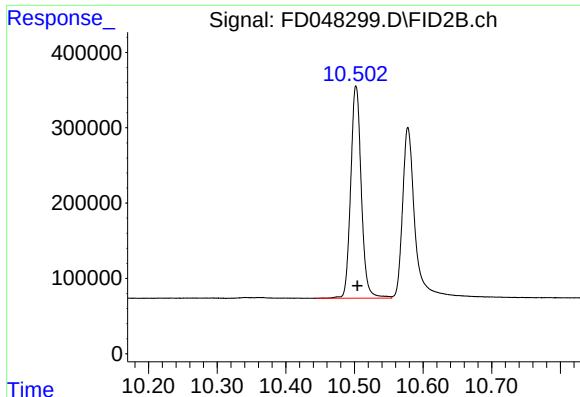
#7 Acenaphthene (C15.5)

R.T.: 8.336 min
Delta R.T.: -0.003 min
Response: 3374053
Conc: 18.97 ug/ml



#8 Fluorene (C16.55)

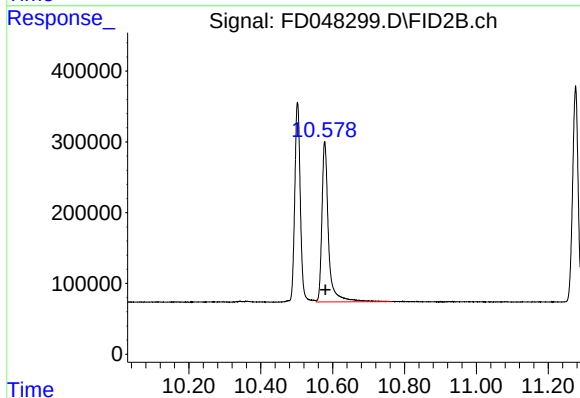
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 3164634
Conc: 18.90 ug/ml



#9 Phenanthrene (C19.36)

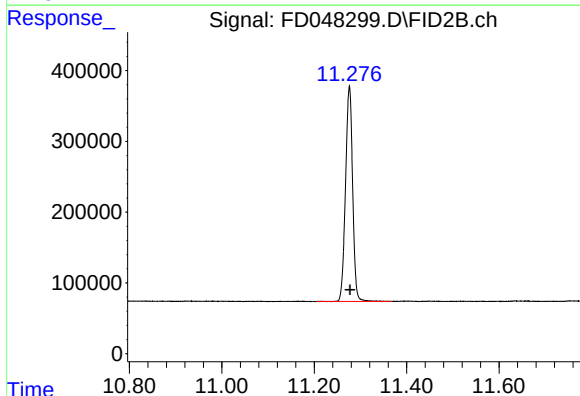
R.T.: 10.502 min
Delta R.T.: -0.002 min
Response: 3022870
Conc: 18.72 ug/ml

Instrument :
FID_D
ClientSampleId :



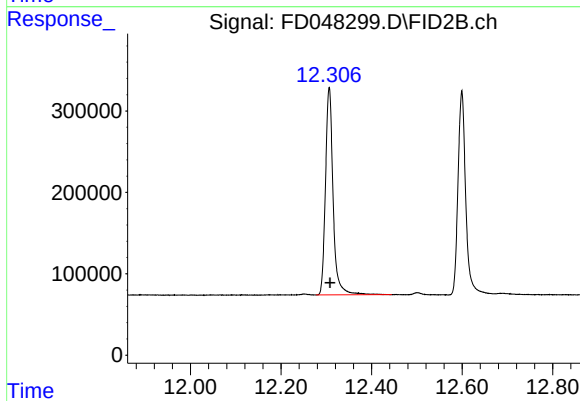
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 2898652
Conc: 18.22 ug/ml



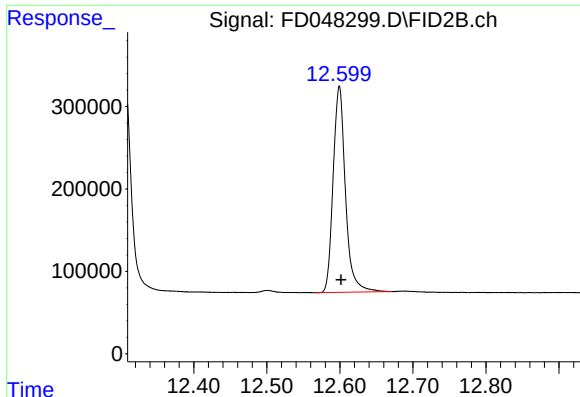
#11 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.001 min
Response: 3247499
Conc: 18.93 ug/ml



#12 Fluoranthene (C21.85)

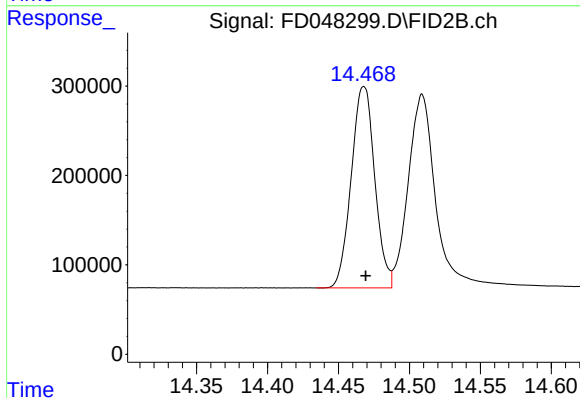
R.T.: 12.306 min
Delta R.T.: -0.002 min
Response: 2988215
Conc: 18.43 ug/ml



#13 Pyrene (C20.8)

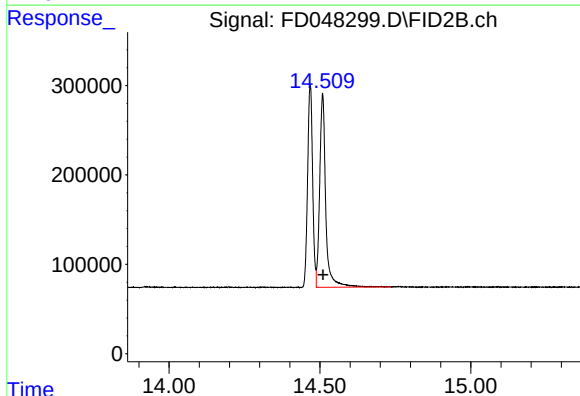
R.T.: 12.599 min
Delta R.T.: -0.003 min
Response: 2933311
Conc: 18.29 ug/ml

Instrument :
FID_D
ClientSampleId :



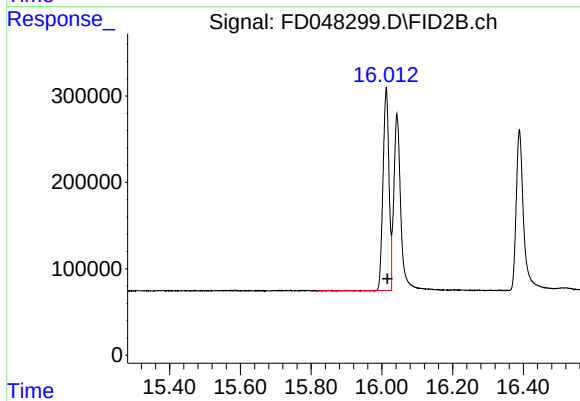
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.001 min
Response: 2600875
Conc: 18.57 ug/ml



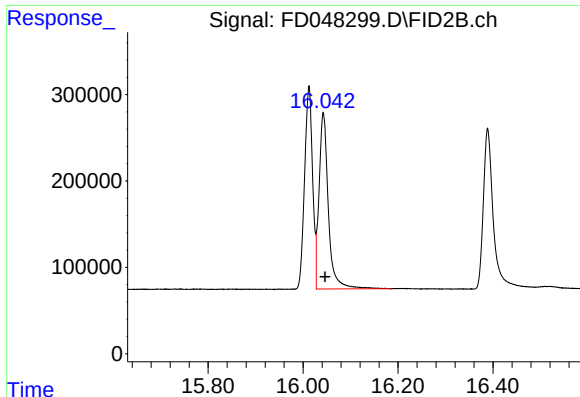
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: -0.002 min
Response: 3023817
Conc: 18.36 ug/ml



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

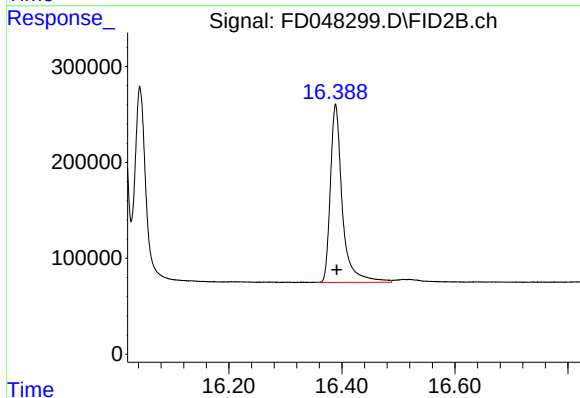
R.T.: 16.012 min
Delta R.T.: -0.003 min
Response: 2738885
Conc: 18.43 ug/ml



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

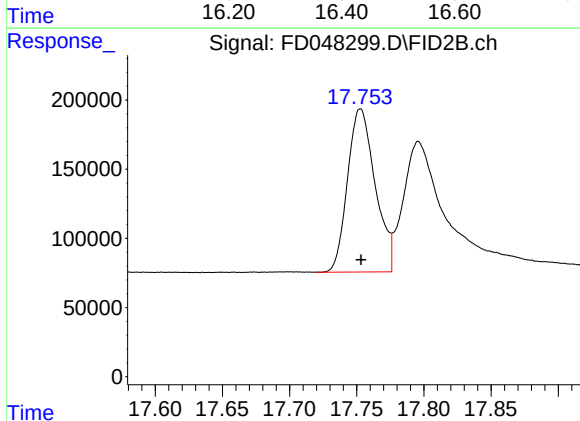
R.T.: 16.043 min
Delta R.T.: -0.003 min
Response: 2781089
Conc: 18.06 ug/ml

Instrument :
FID_D
ClientSampleId :



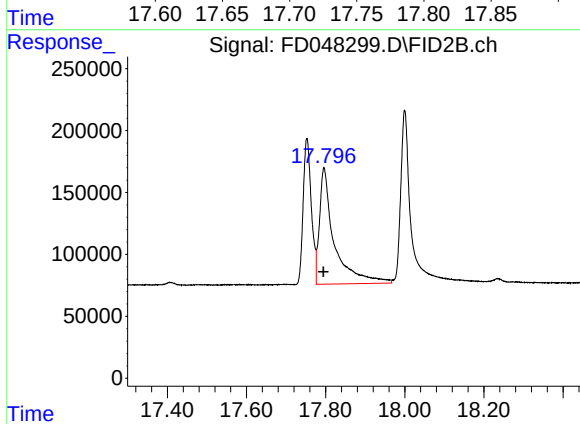
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.002 min
Response: 2732892
Conc: 18.47 ug/ml



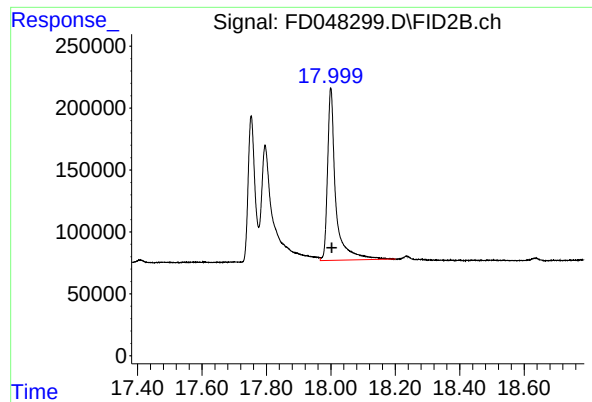
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 1688306
Conc: 14.94 ug/ml



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

R.T.: 17.796 min
Delta R.T.: 0.002 min
Response: 2442670
Conc: 16.01 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.003 min
Response: 2476913
Conc: 16.80 ug/ml

Instrument :

FID_D

ClientSampleId :