

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040423AR\
 Data File : FD045395.D
 Signal(s) : FID2B.ch
 Acq On : 04 Apr 2023 11:44
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 05 01:30:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.548	2975912	21.721 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
6) S 2-Fluorobiphenyl (SURR)	8.403	1949464	21.746 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.49%
11) S ortho-Terphenyl (SURR)	11.442	3719280	21.377 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	3418195	21.942 ug/ml
2) T Naphthalene (C11.7)	5.888	3514048	21.866 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	3480483	21.742 ug/ml
5) T Acenaphthylene (C15.06)	8.207	3135734	21.417 ug/ml
7) T Acenaphthene (C15.5)	8.503	3363416	21.685 ug/ml
8) T Fluorene (C16.55)	9.281	3185918	21.485 ug/ml
9) T Phenanthrene (C19.36)	10.672	3071415	21.203 ug/ml
10) T Anthracene (C19.43)	10.745	2631183	19.036 ug/ml
12) T Fluoranthene (C21.85)	12.476	3046692	21.176 ug/ml
13) T Pyrene (C20.8)	12.770	2993916	21.294 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2708693	21.121 ug/ml
15) T Chrysene (C27.41)	14.676	2845152	21.456 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2779988	21.400 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	2738260	21.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2636084	20.966 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2338633	19.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.950	2356455	19.780 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	2543656	20.364 ug/ml

(f)=RT Delta > 1/2 Window

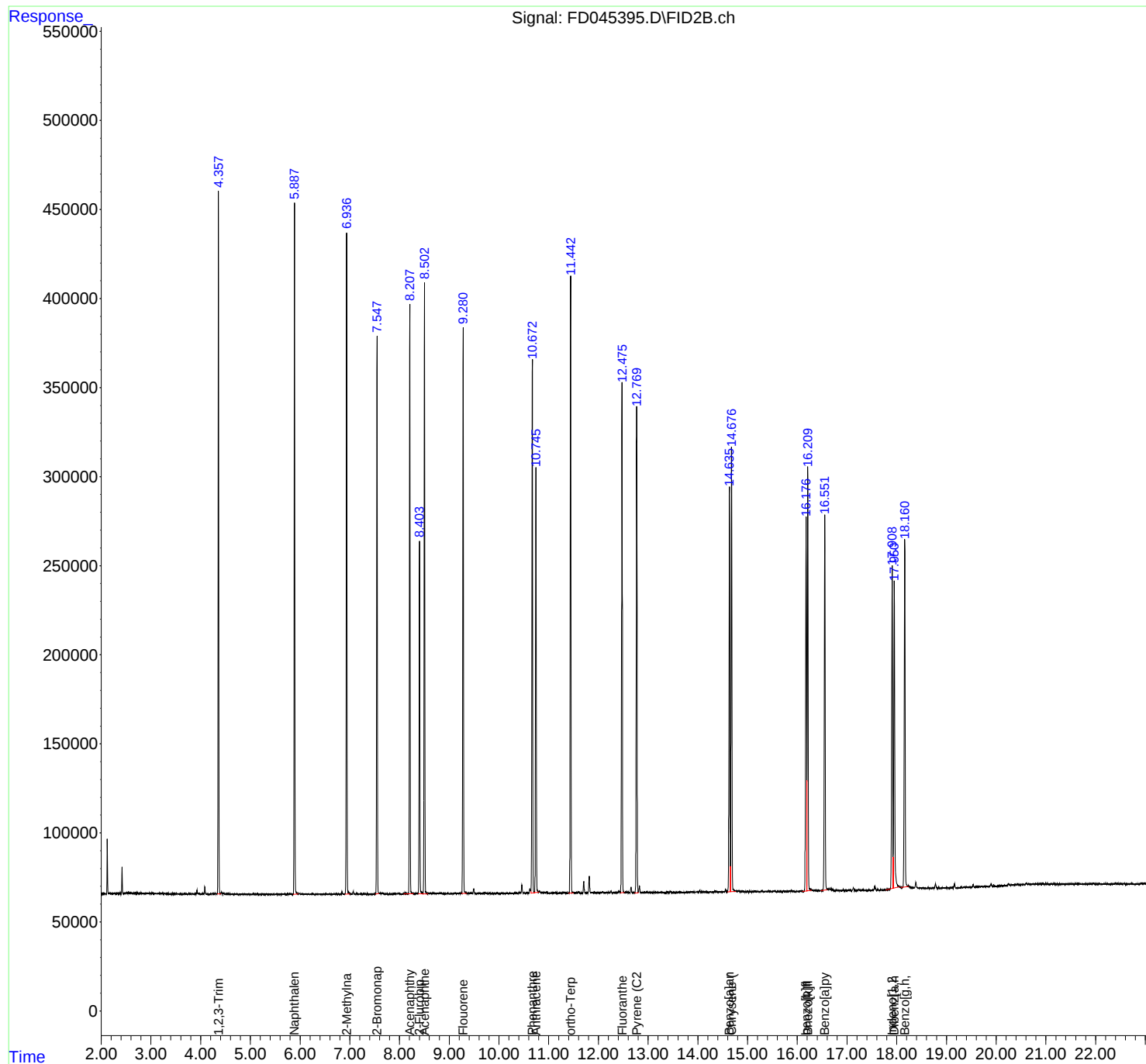
(m)=manual int.

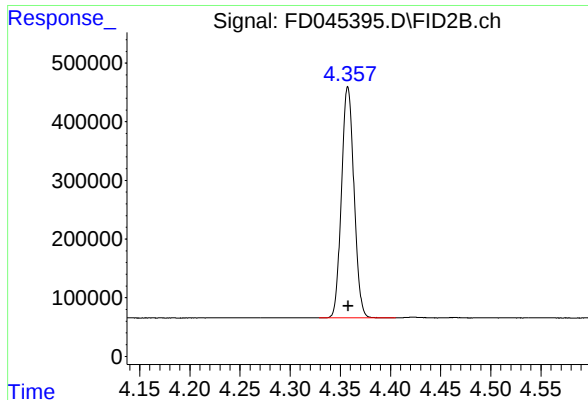
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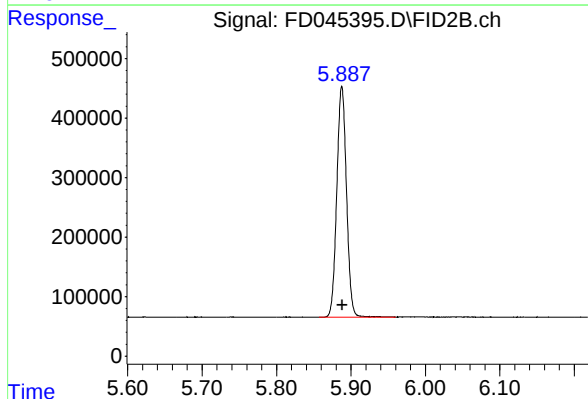




#1 1,2,3-Trimethylbenzene (C10.1)

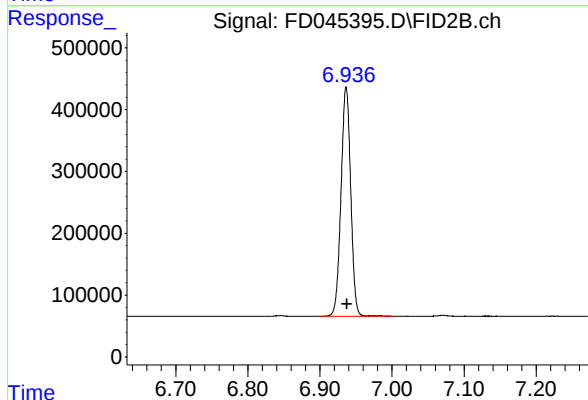
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 3418195
Conc: 21.94 ug/ml

Instrument :
FID_D
ClientSampleId :



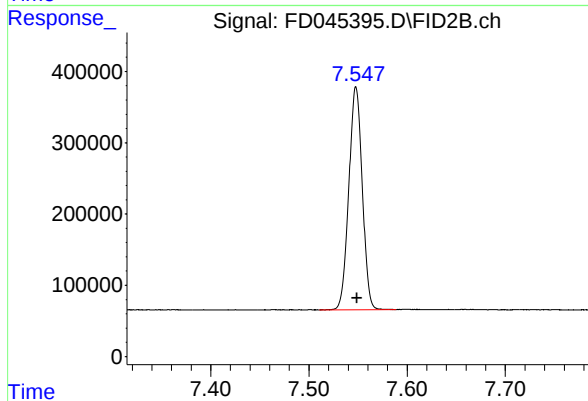
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3514048
Conc: 21.87 ug/ml



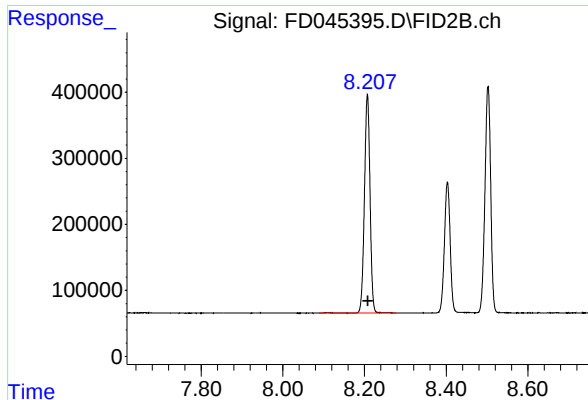
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 3480483
Conc: 21.74 ug/ml



#4 2-Bromonaphthalene (SURR)

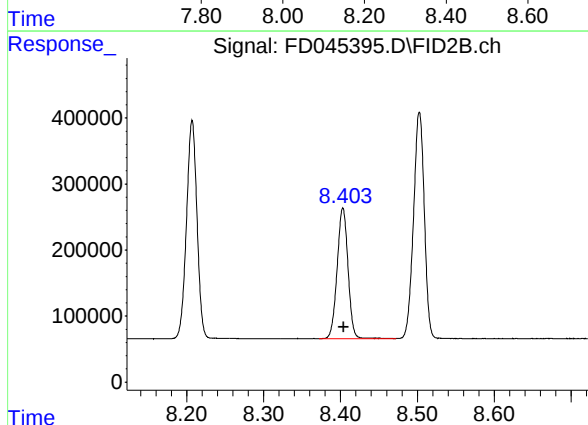
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 2975912
Conc: 21.72 ug/ml



#5 Acenaphthylene (C15.06)

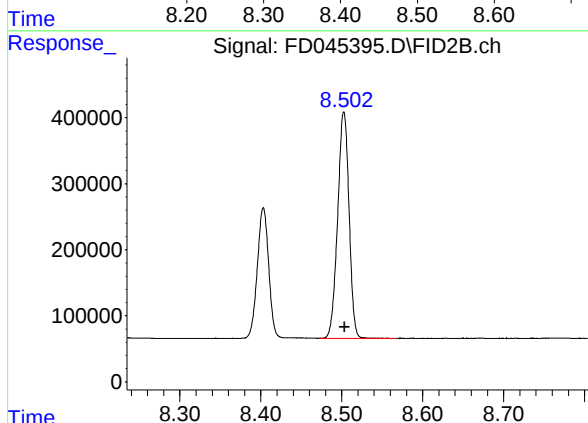
R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 3135734
Conc: 21.42 ug/ml

Instrument :
FID_D
ClientSampleId :



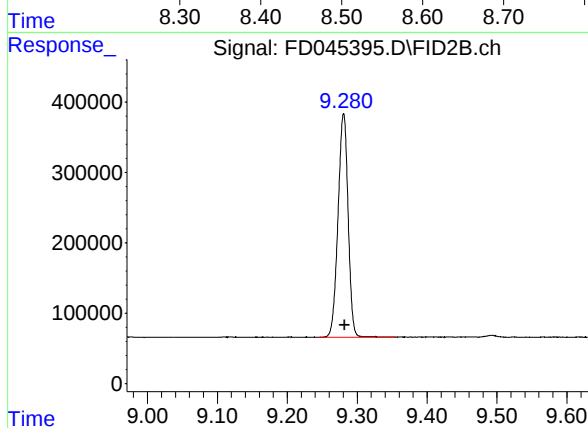
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 1949464
Conc: 21.75 ug/ml



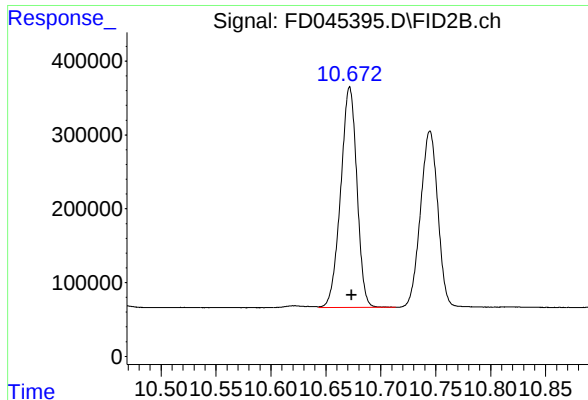
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3363416
Conc: 21.68 ug/ml



#8 Fluorene (C16.55)

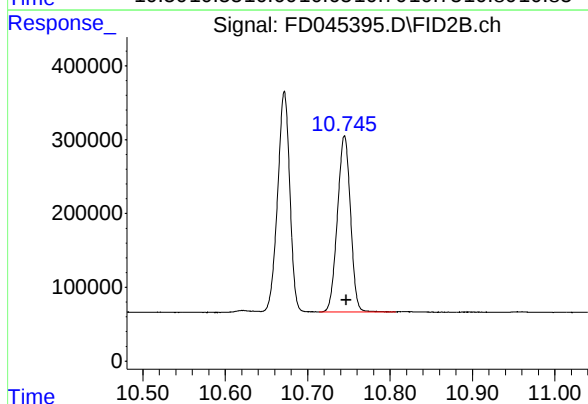
R.T.: 9.281 min
Delta R.T.: -0.001 min
Response: 3185918
Conc: 21.48 ug/ml



#9 Phenanthrene (C19.36)

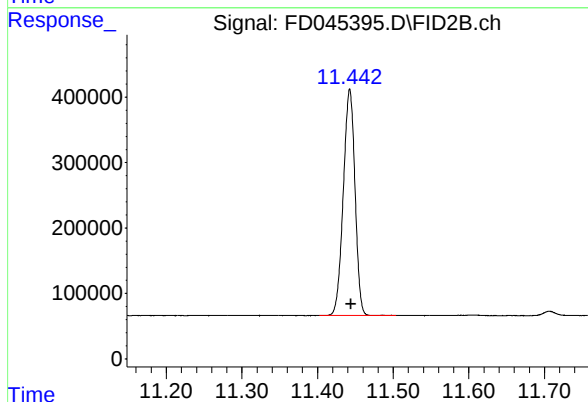
R.T.: 10.672 min
Delta R.T.: -0.002 min
Response: 3071415
Conc: 21.20 ug/ml

Instrument :
FID_D
ClientSampleId :



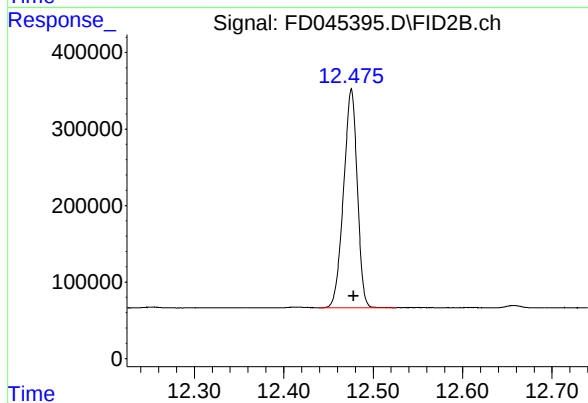
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: -0.002 min
Response: 2631183
Conc: 19.04 ug/ml



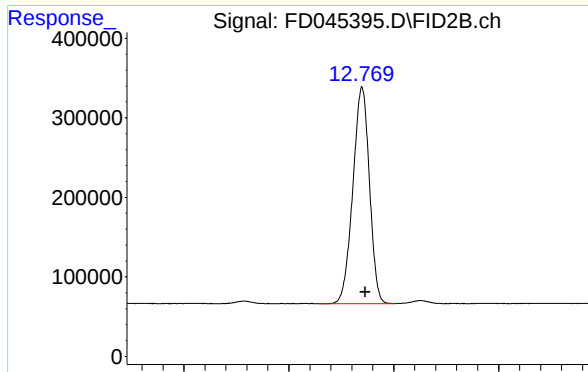
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 3719280
Conc: 21.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: -0.003 min
Response: 3046692
Conc: 21.18 ug/ml



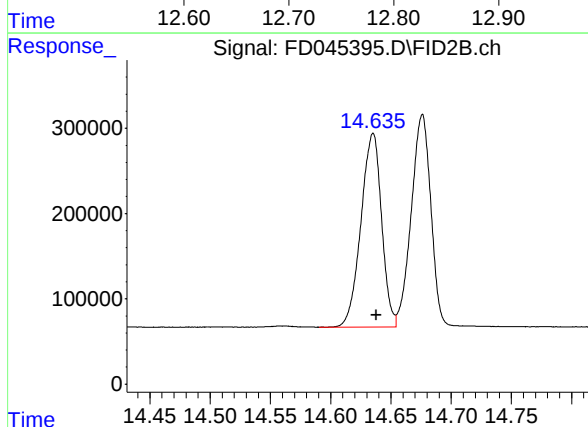
#13 Pyrene (C20.8)

R.T.: 12.770 min
Delta R.T.: -0.003 min
Response: 2993916
Conc: 21.29 ug/ml

Instrument :

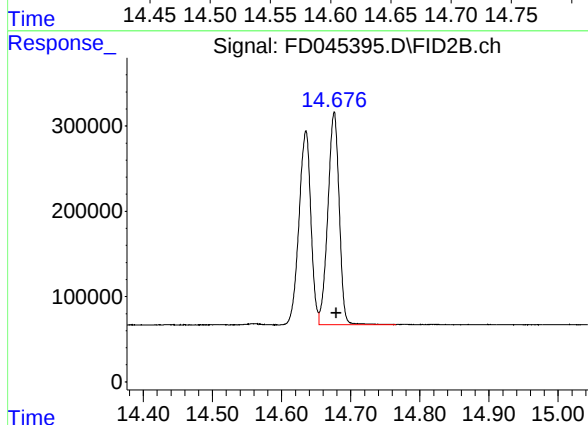
FID_D

ClientSampleId :



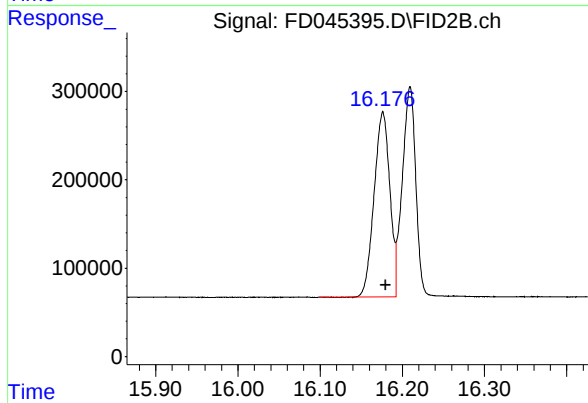
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: -0.003 min
Response: 2708693
Conc: 21.12 ug/ml



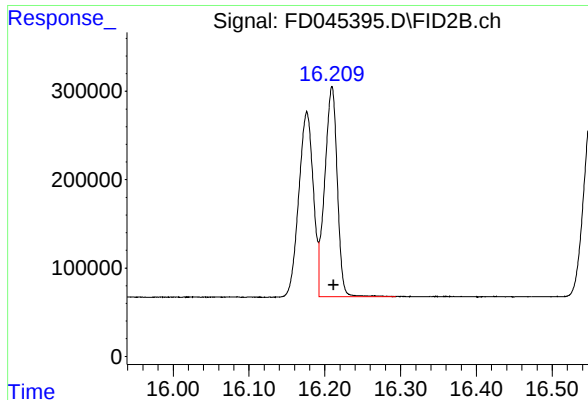
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.003 min
Response: 2845152
Conc: 21.46 ug/ml



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

R.T.: 16.176 min
Delta R.T.: -0.003 min
Response: 2779988
Conc: 21.40 ug/ml



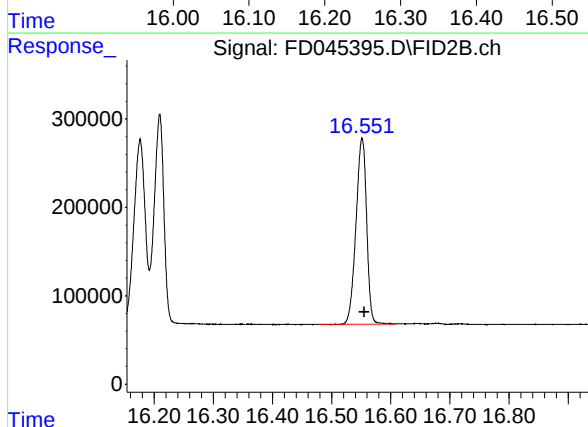
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.209 min
Delta R.T.: -0.003 min
Response: 2738260
Conc: 21.62 ug/ml

Instrument :

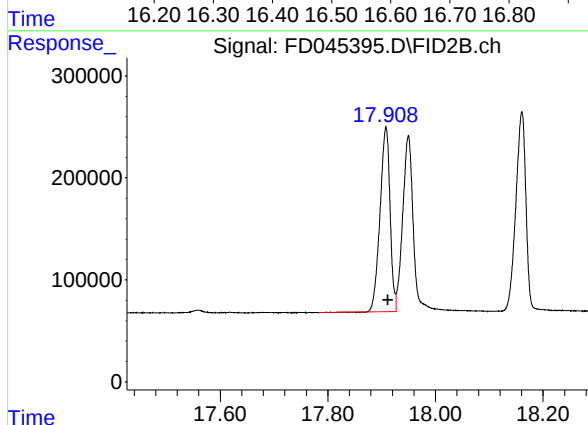
FID_D

ClientSampleId :



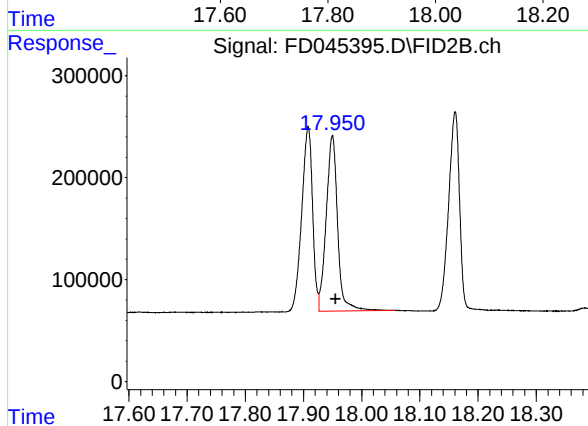
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: -0.003 min
Response: 2636084
Conc: 20.97 ug/ml



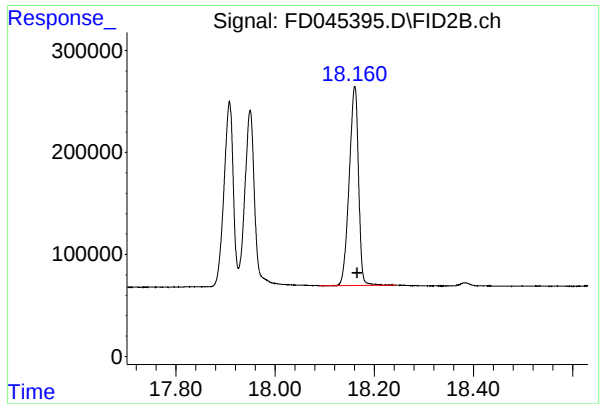
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: -0.004 min
Response: 2338633
Conc: 19.76 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.006 min
Response: 2356455
Conc: 19.78 ug/ml



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

R.T.: 18.160 min

Delta R.T.: -0.005 min

Response: 2543656

Conc: 20.36 ug/ml

Instrument :

FID_D

ClientSampleId :