

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040423AR\
 Data File : FD045401.D
 Signal(s) : FID2B.ch
 Acq On : 04 Apr 2023 20:39
 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: Apr 05 01:31:12 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...	7.550	2896375	21.140 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
6) S 2-Fluorobiphenyl (SURR)	8.406	1887666	21.057 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.446	3615056	20.778 ug/ml
Spiked Amount 50.000		Recovery =	41.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	3341051	21.447 ug/ml
2) T Naphthalene (C11.7)	5.889	3416743	21.260 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3385500	21.149 ug/ml
5) T Acenaphthylene (C15.06)	8.209	3044014	20.790 ug/ml
7) T Acenaphthene (C15.5)	8.505	3259574	21.015 ug/ml
8) T Fluorene (C16.55)	9.283	3084012	20.797 ug/ml
9) T Phenanthrene (C19.36)	10.674	3001956	20.724 ug/ml
10) T Anthracene (C19.43)	10.748	2655701	19.213 ug/ml
12) T Fluoranthene (C21.85)	12.479	2955132	20.540 ug/ml
13) T Pyrene (C20.8)	12.774	2899553	20.623 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2585955	20.164 ug/ml
15) T Chrysene (C27.41)	14.679	2684791	20.247 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2659627	20.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2611223	20.617 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	2498427	19.872 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.910	2051237	17.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	2141834	17.978 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	2290827	18.340 ug/ml

(f)=RT Delta > 1/2 Window

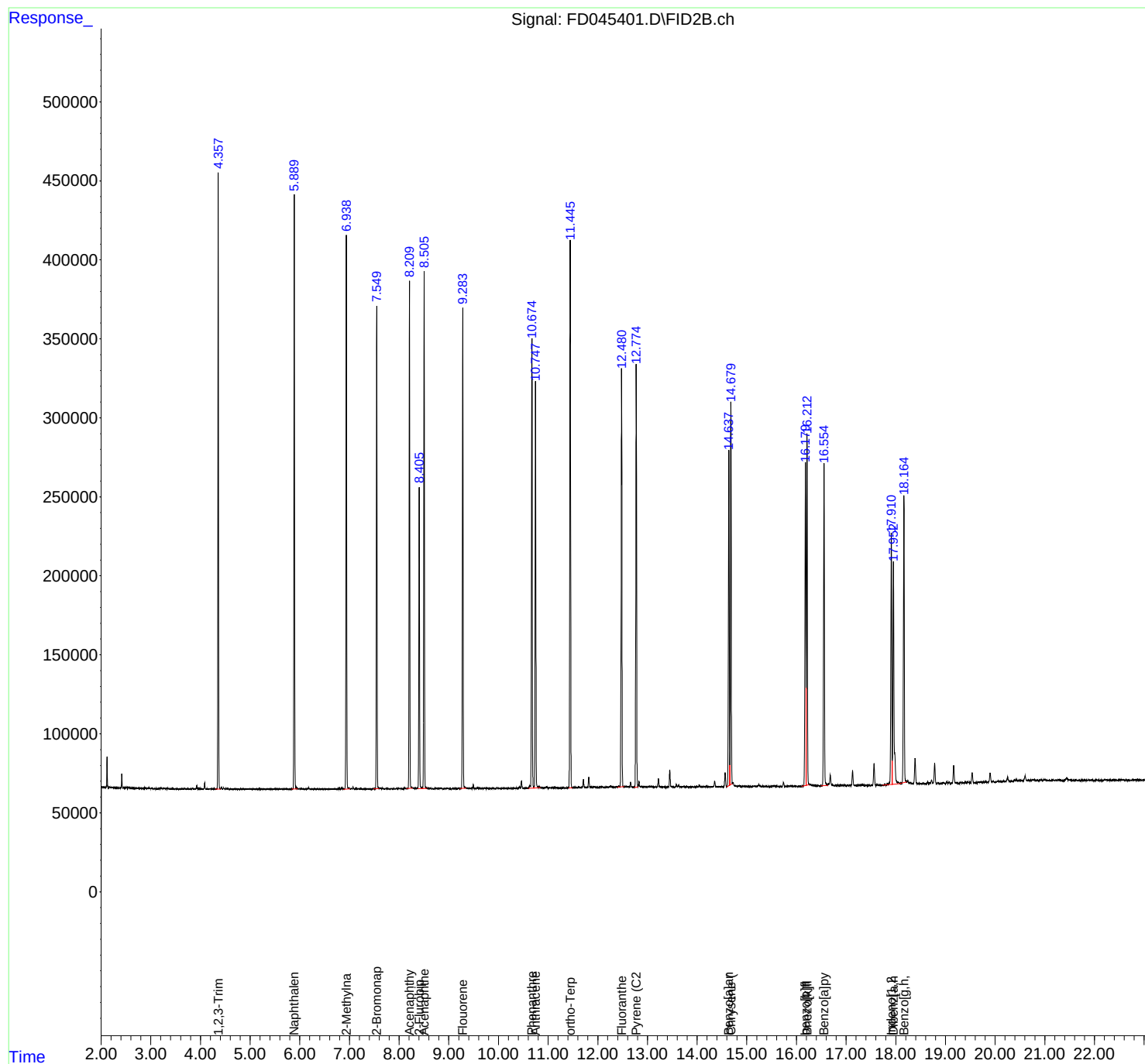
(m)=manual int.

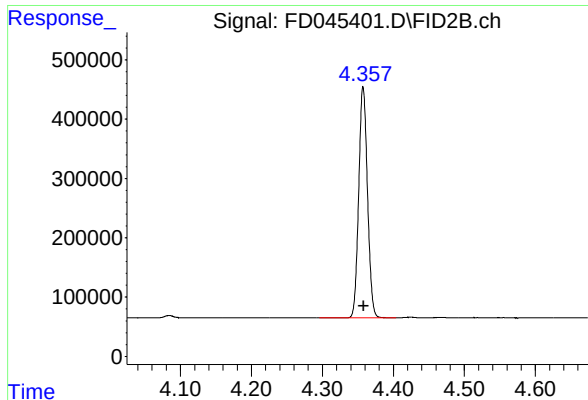
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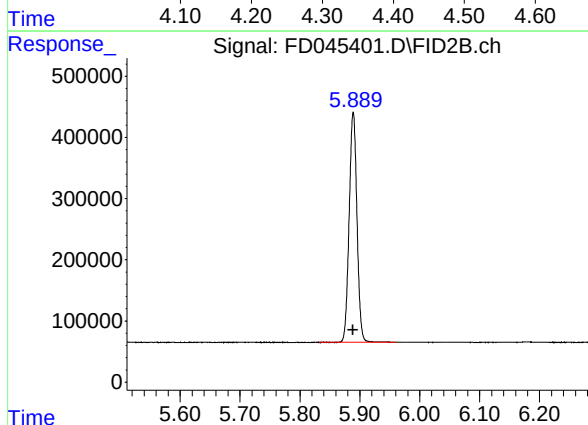




#1 1,2,3-Trimethylbenzene (C10.1)

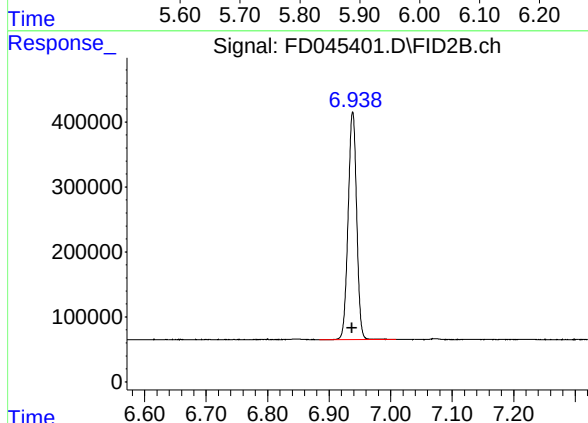
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 3341051
Conc: 21.45 ug/ml

Instrument :
FID_D
ClientSampleId :



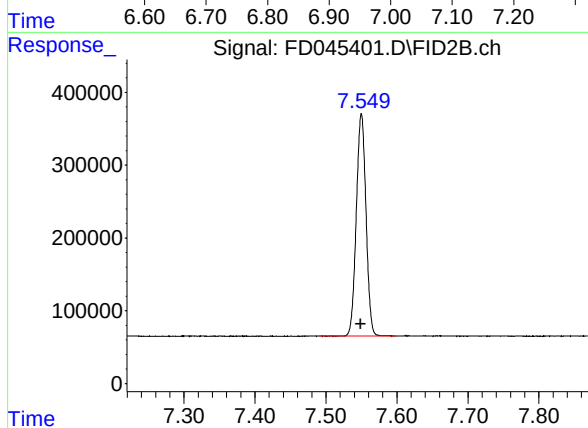
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 3416743
Conc: 21.26 ug/ml



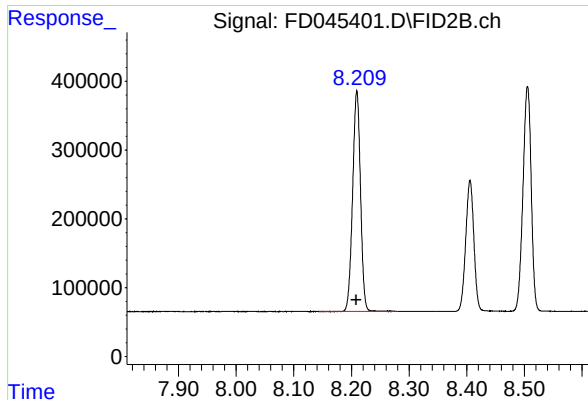
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.001 min
Response: 3385500
Conc: 21.15 ug/ml



#4 2-Bromonaphthalene (SURR)

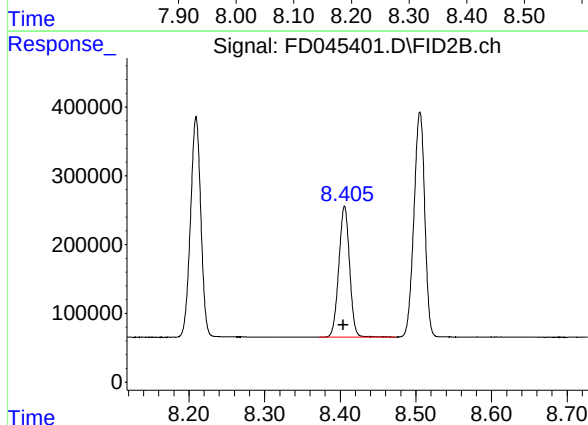
R.T.: 7.550 min
Delta R.T.: 0.001 min
Response: 2896375
Conc: 21.14 ug/ml



#5 Acenaphthylene (C15.06)

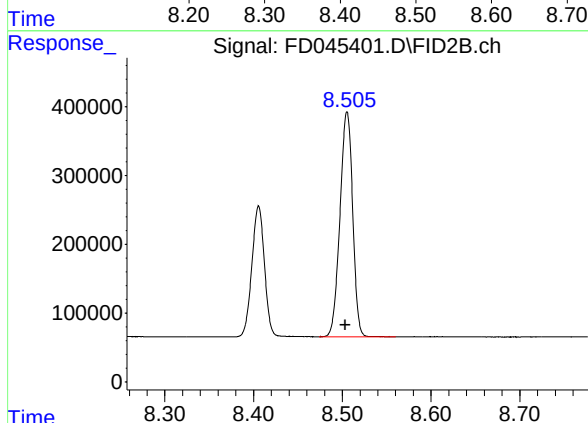
R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 3044014
Conc: 20.79 ug/ml

Instrument :
FID_D
ClientSampleId :



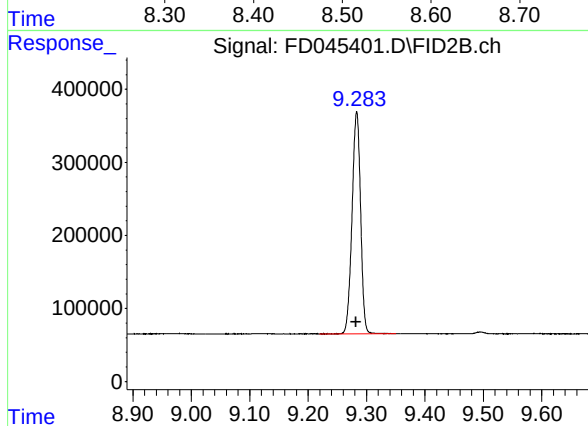
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 1887666
Conc: 21.06 ug/ml



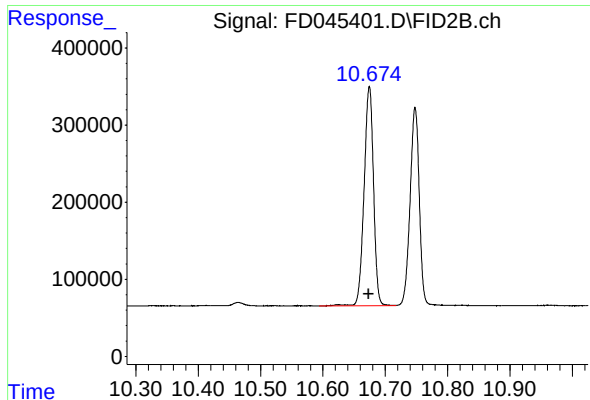
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: 0.002 min
Response: 3259574
Conc: 21.02 ug/ml



#8 Flouorene (C16.55)

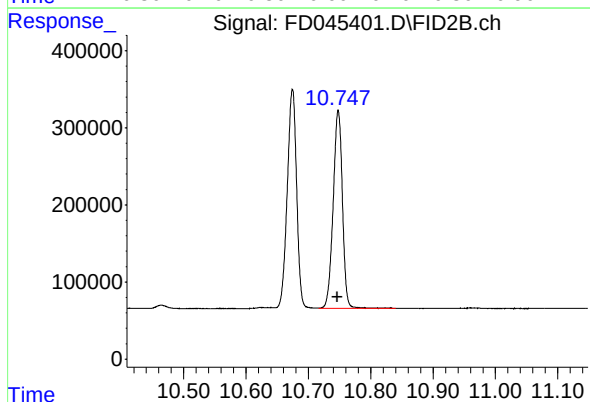
R.T.: 9.283 min
Delta R.T.: 0.001 min
Response: 3084012
Conc: 20.80 ug/ml



#9 Phenanthrene (C19.36)

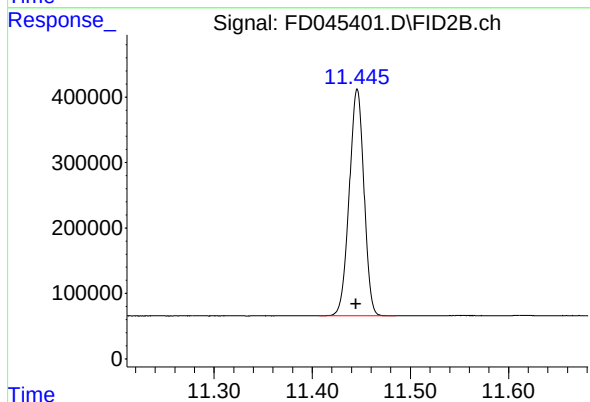
R.T.: 10.674 min
Delta R.T.: 0.000 min
Response: 3001956
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



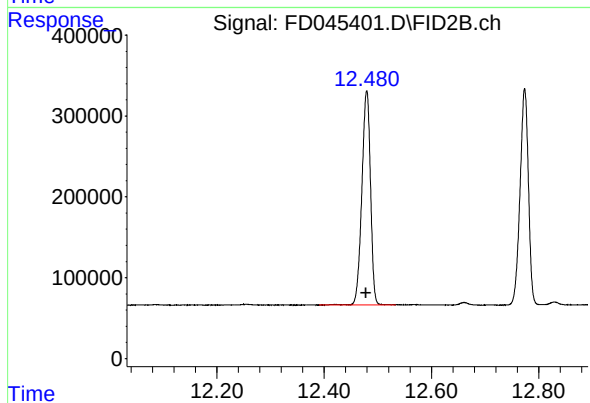
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.001 min
Response: 2655701
Conc: 19.21 ug/ml



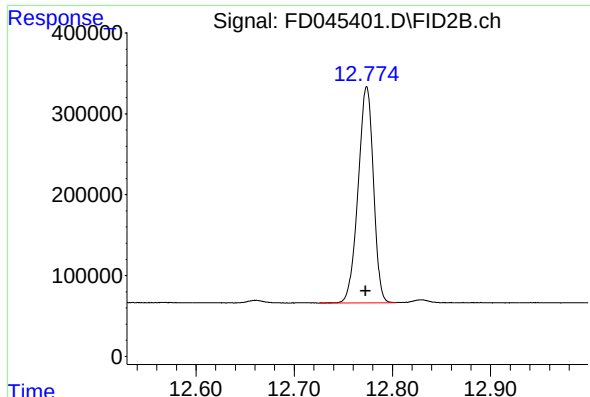
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: 0.001 min
Response: 3615056
Conc: 20.78 ug/ml



#12 Fluoranthene (C21.85)

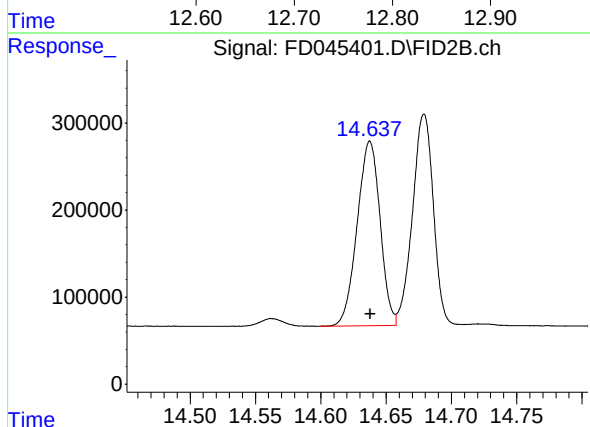
R.T.: 12.479 min
Delta R.T.: 0.001 min
Response: 2955132
Conc: 20.54 ug/ml



#13 Pyrene (C20.8)

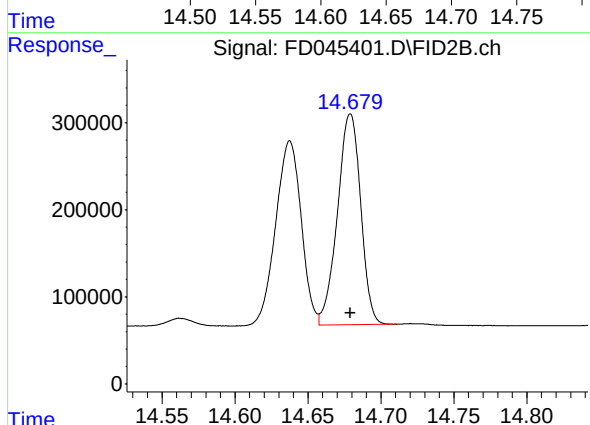
R.T.: 12.774 min
Delta R.T.: 0.000 min
Response: 2899553
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



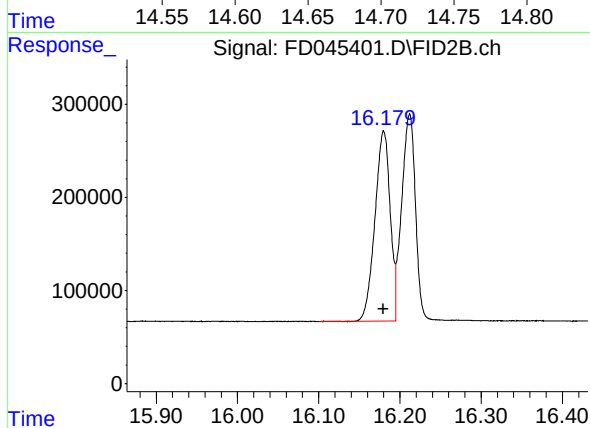
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 2585955
Conc: 20.16 ug/ml



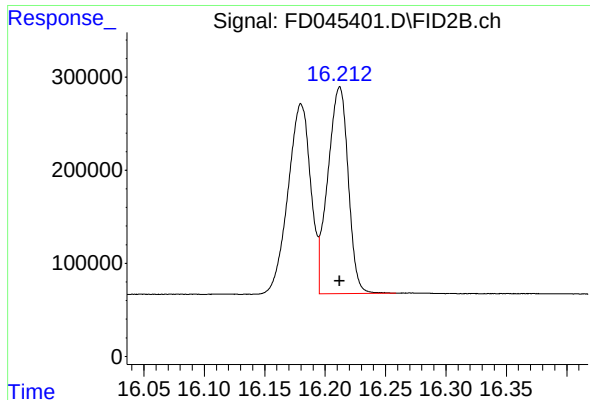
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: 0.000 min
Response: 2684791
Conc: 20.25 ug/ml



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

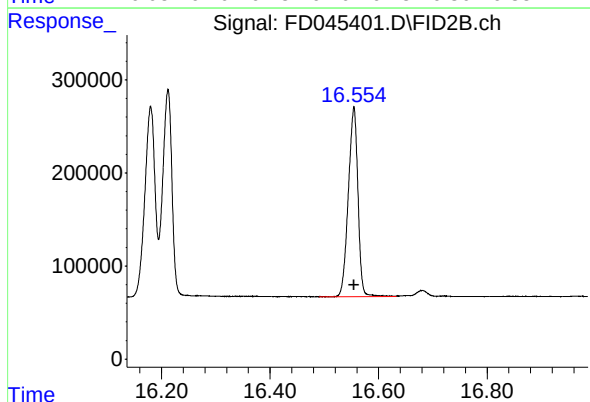
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 2659627
Conc: 20.47 ug/ml



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

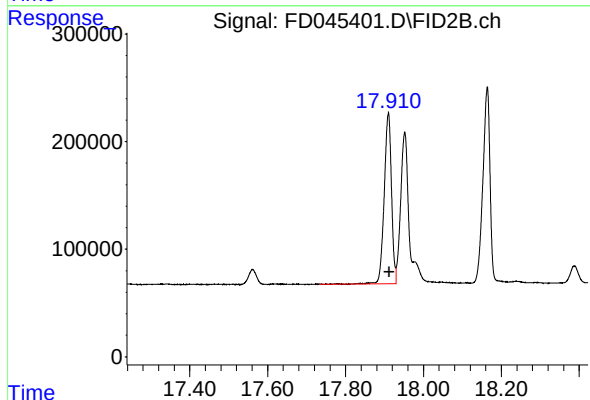
R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2611223
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



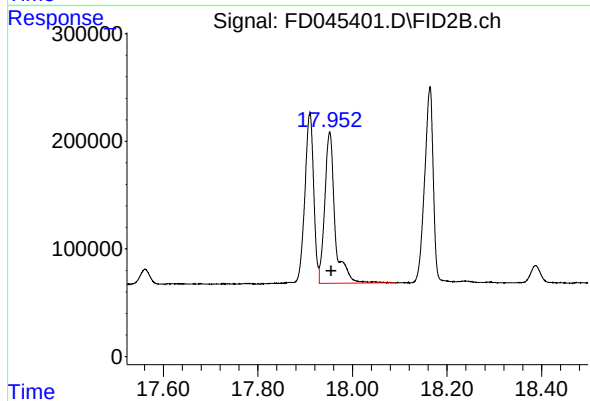
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: 0.000 min
Response: 2498427
Conc: 19.87 ug/ml



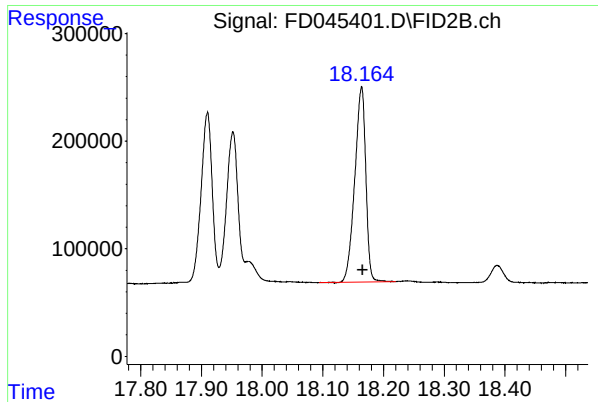
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min
Delta R.T.: -0.002 min
Response: 2051237
Conc: 17.33 ug/ml



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

R.T.: 17.952 min
Delta R.T.: -0.003 min
Response: 2141834
Conc: 17.98 ug/ml



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

R.T.: 18.163 min

Delta R.T.: -0.002 min

Response: 2290827

Conc: 18.34 ug/ml

Instrument :

FID_D

ClientSampleId :