

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045532.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 11:57
 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: May 02 04:16:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.545	3371747	23.322 ug/ml
Spiked Amount 50.000		Recovery =	46.64%
6) S 2-Fluorobiphenyl (SURR)	8.401	2166530	23.234 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.47%
11) S ortho-Terphenyl (SURR)	11.442	4224061	23.602 ug/ml
Spiked Amount 50.000		Recovery =	47.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3992008	23.825 ug/ml
2) T Naphthalene (C11.7)	5.885	4035673	23.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3943181	23.307 ug/ml
5) T Acenaphthylene (C15.06)	8.205	3587894	23.717 ug/ml
7) T Acenaphthene (C15.5)	8.501	3810572	23.503 ug/ml
8) T Fluorene (C16.55)	9.279	3543146	23.002 ug/ml
9) T Phenanthrene (C19.36)	10.670	3468221	23.250 ug/ml
10) T Anthracene (C19.43)	10.744	3229944	25.005 ug/ml
12) T Fluoranthene (C21.85)	12.475	3459031	23.503 ug/ml
13) T Pyrene (C20.8)	12.769	3403147	23.723 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2988624	22.806 ug/ml
15) T Chrysene (C27.41)	14.676	3201659	23.454 ug/ml
16) T benzo[b]fluoranthene ...	16.177	3081056	23.075 ug/ml
17) T Bnezo[k]fluoranthene ...	16.209	3046918	22.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.551	2875640	22.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.907	2432931	19.368 ug/ml
20) T Dibenz[a,h]anthracene...	17.949	2382386	17.488 ug/ml
21) T Benzo[g,h,i]perylene ...	18.160	2814269	21.482 ug/ml

(f)=RT Delta > 1/2 Window

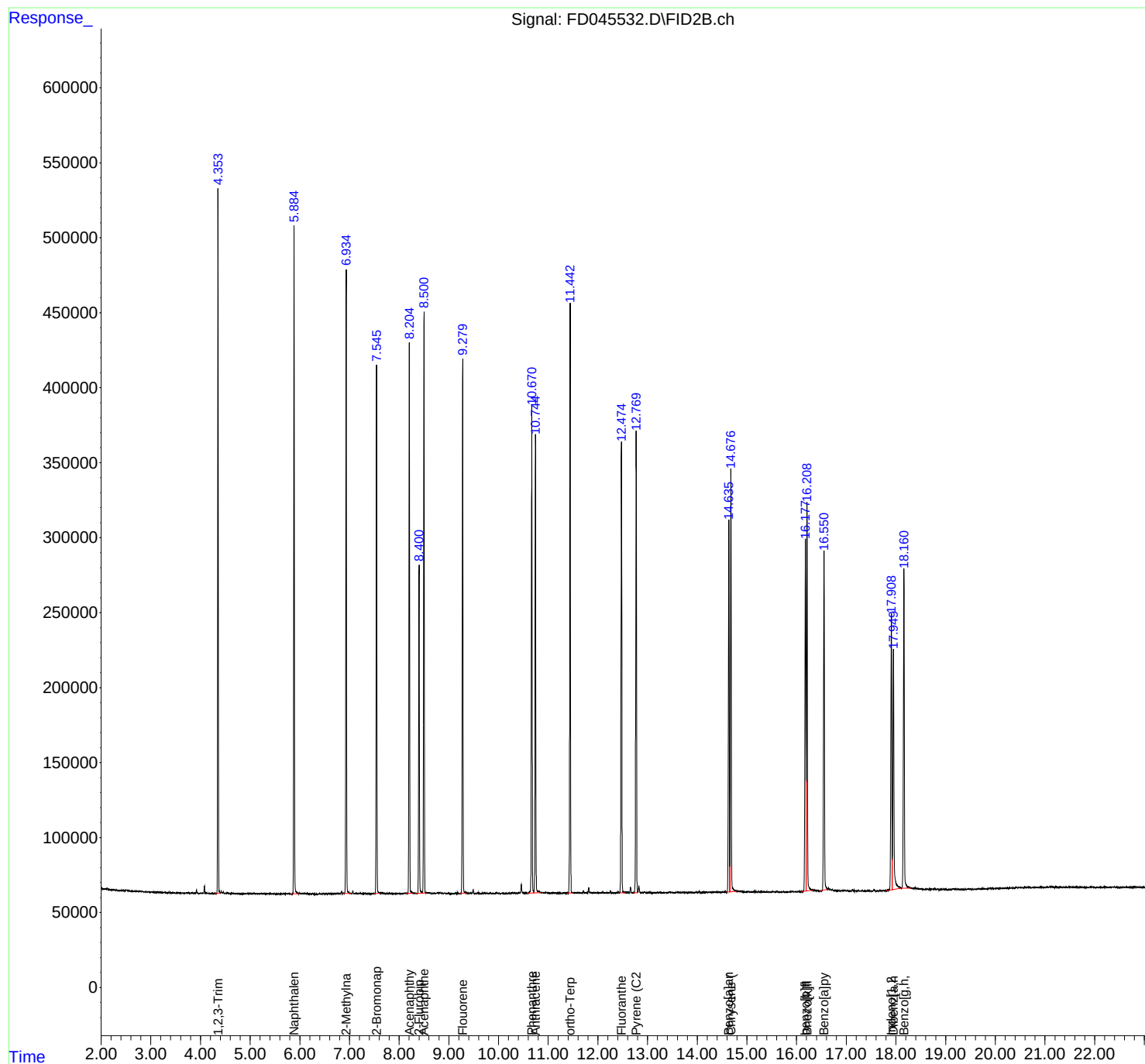
(m)=manual int.

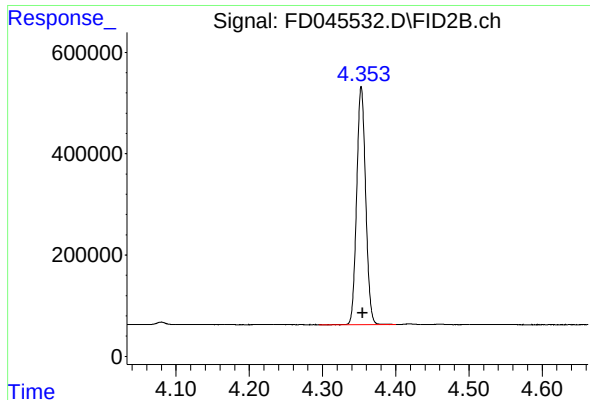
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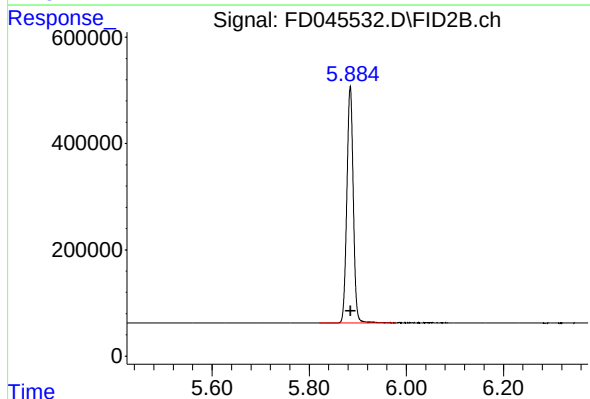




#1 1,2,3-Trimethylbenzene (C10.1)

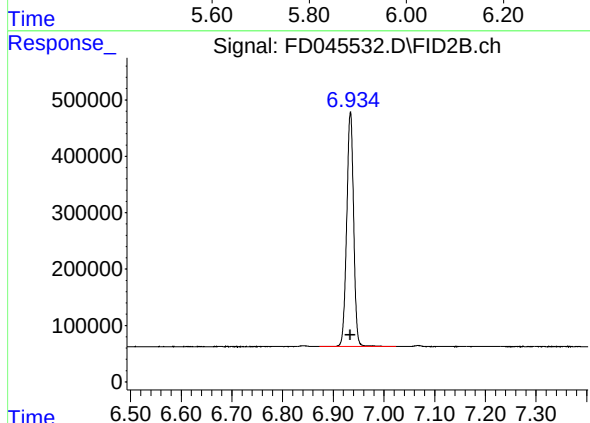
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 3992008
Conc: 23.83 ug/ml

Instrument :
FID_D
ClientSampleId :



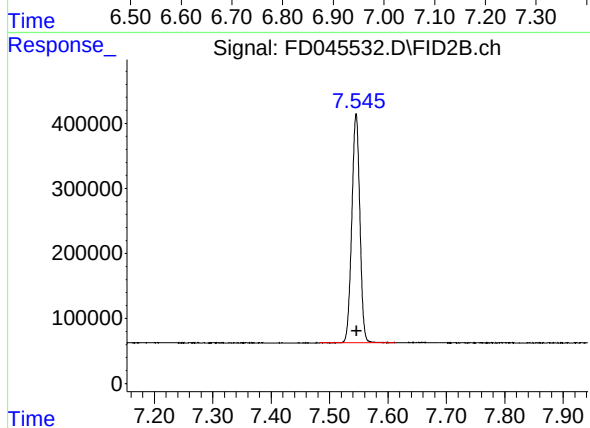
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 4035673
Conc: 23.58 ug/ml



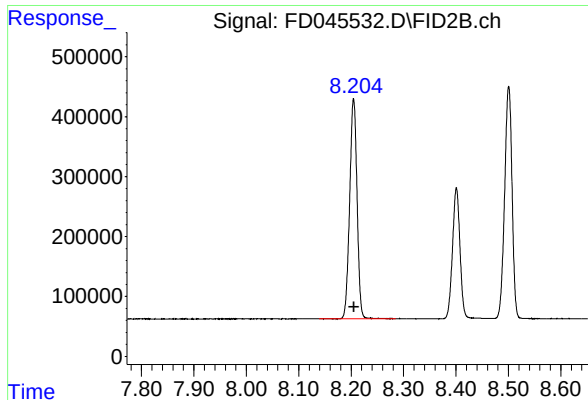
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 3943181
Conc: 23.31 ug/ml



#4 2-Bromonaphthalene (SURR)

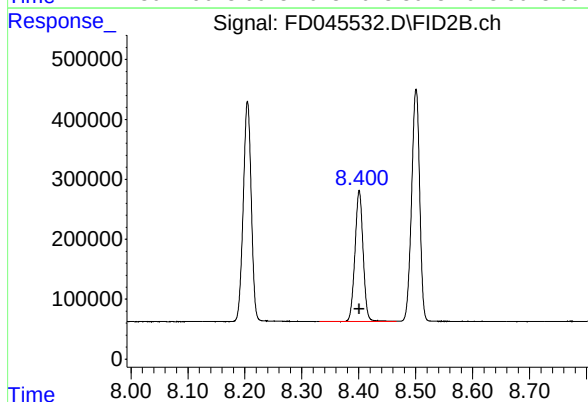
R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 3371747
Conc: 23.32 ug/ml



#5 Acenaphthylene (C15.06)

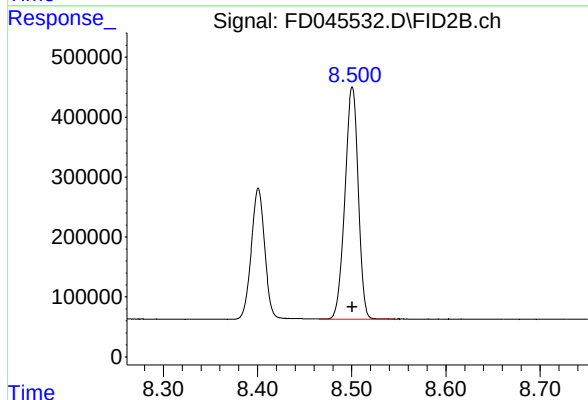
R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 3587894
Conc: 23.72 ug/ml

Instrument :
FID_D
ClientSampleId :



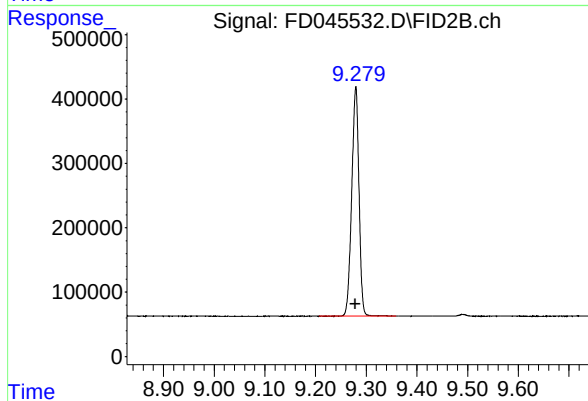
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 2166530
Conc: 23.23 ug/ml



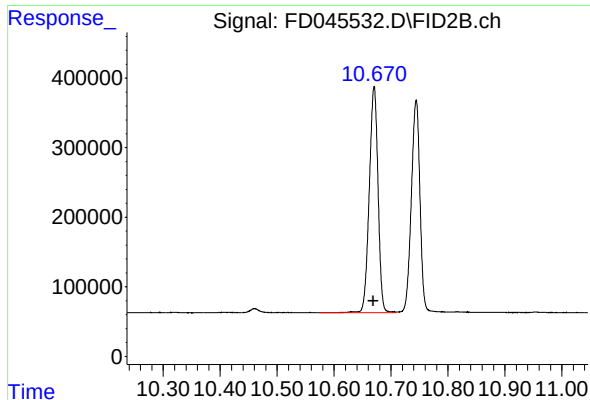
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.000 min
Response: 3810572
Conc: 23.50 ug/ml



#8 Flouorene (C16.55)

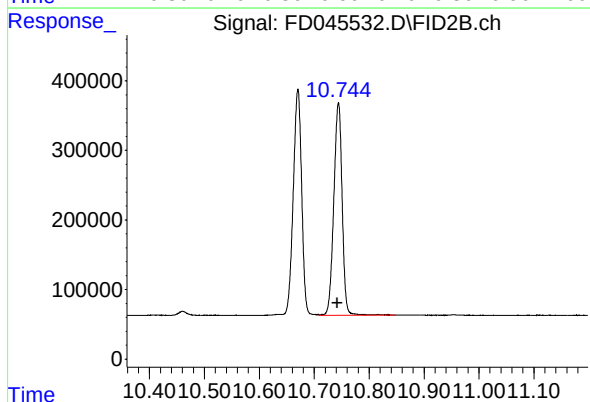
R.T.: 9.279 min
Delta R.T.: 0.000 min
Response: 3543146
Conc: 23.00 ug/ml



#9 Phenanthrene (C19.36)

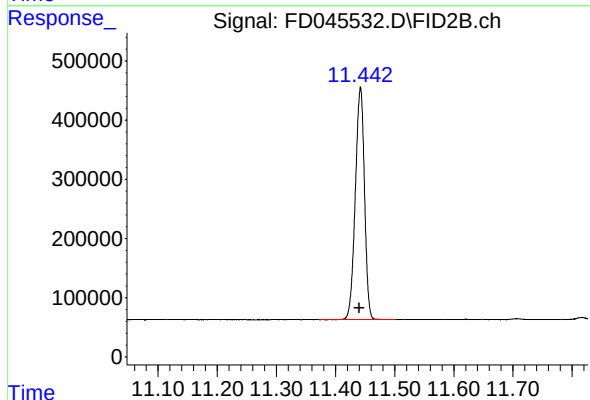
R.T.: 10.670 min
Delta R.T.: 0.001 min
Response: 3468221
Conc: 23.25 ug/ml

Instrument :
FID_D
ClientSampleId :



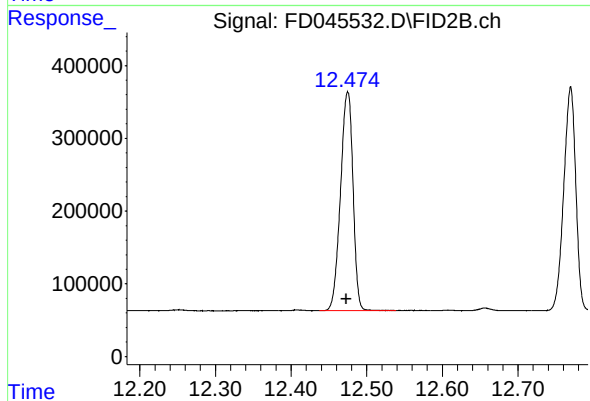
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: 0.002 min
Response: 3229944
Conc: 25.00 ug/ml



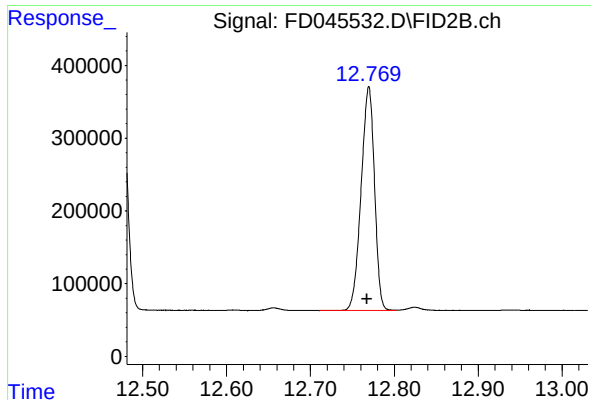
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 4224061
Conc: 23.60 ug/ml



#12 Fluoranthene (C21.85)

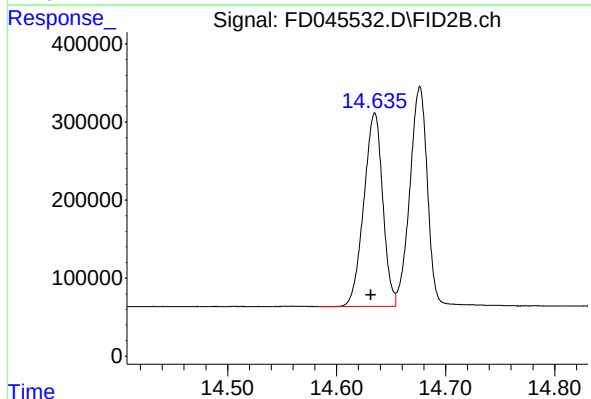
R.T.: 12.475 min
Delta R.T.: 0.002 min
Response: 3459031
Conc: 23.50 ug/ml



#13 Pyrene (C20.8)

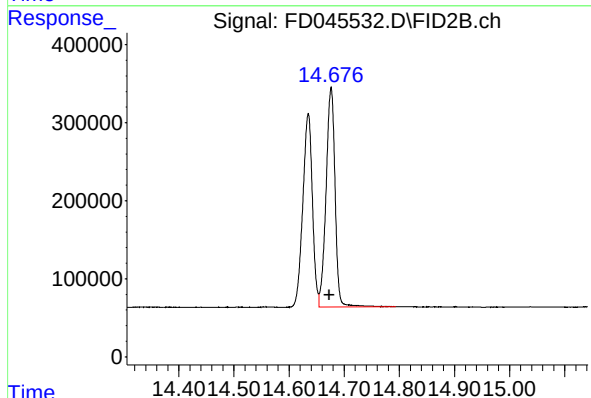
R.T.: 12.769 min
Delta R.T.: 0.002 min
Response: 3403147
Conc: 23.72 ug/ml

Instrument :
FID_D
ClientSampleId :



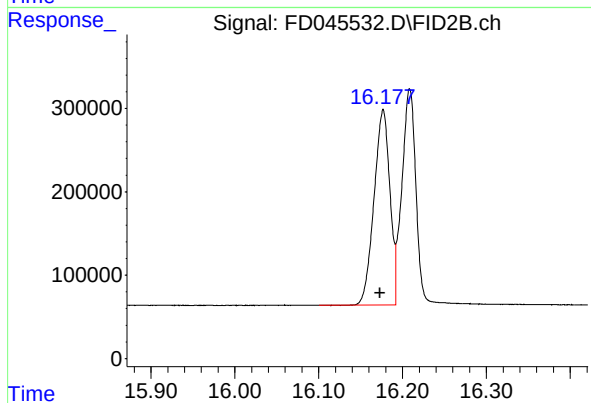
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: 0.003 min
Response: 2988624
Conc: 22.81 ug/ml



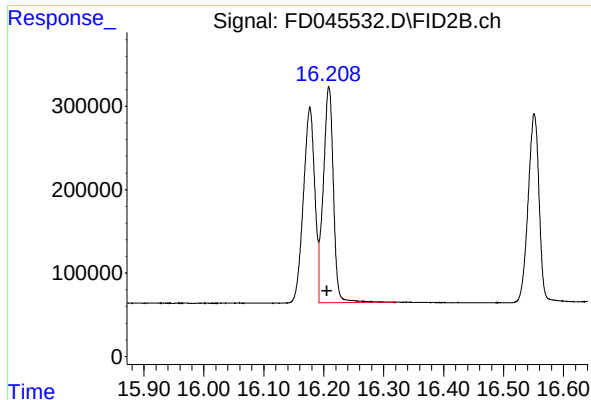
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: 0.003 min
Response: 3201659
Conc: 23.45 ug/ml



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

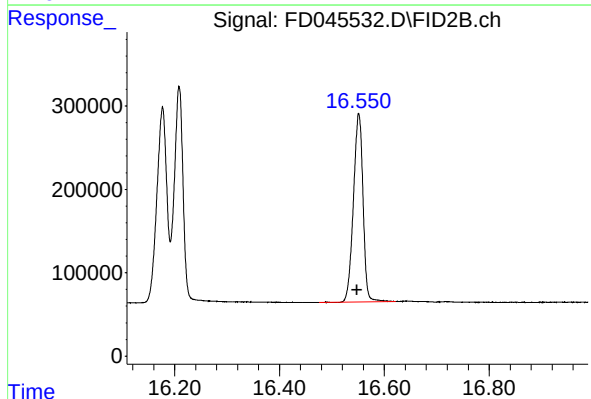
R.T.: 16.177 min
Delta R.T.: 0.004 min
Response: 3081056
Conc: 23.07 ug/ml



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

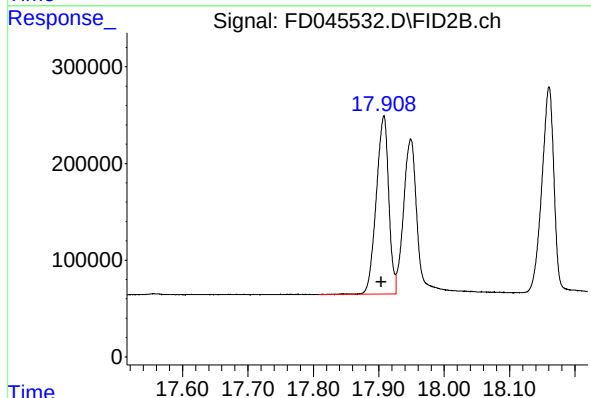
R.T.: 16.209 min
Delta R.T.: 0.003 min
Response: 3046918
Conc: 22.78 ug/ml

Instrument :
FID_D
ClientSampleId :



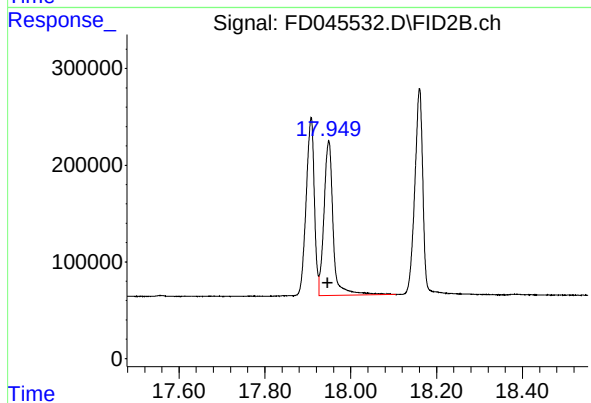
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.551 min
Delta R.T.: 0.004 min
Response: 2875640
Conc: 22.47 ug/ml



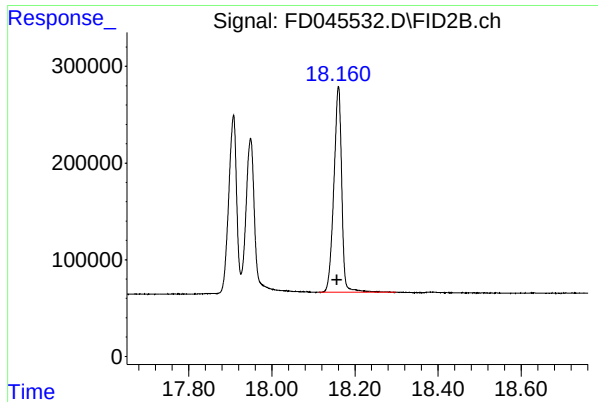
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.907 min
Delta R.T.: 0.003 min
Response: 2432931
Conc: 19.37 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.002 min
Response: 2382386
Conc: 17.49 ug/ml



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

R.T.: 18.160 min

Delta R.T.: 0.003 min

Response: 2814269

Conc: 21.48 ug/ml

Instrument :

FID_D

ClientSampleId :