

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032625AR\
 Data File : FD049198.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 14:52
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 26 15:36:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 14:39:20 2025
 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...	7.326	3747013	20.511 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
6) S 2-Fluorobiphenyl (SURR)	8.177	2046988	21.292 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.58%
11) S ortho-Terphenyl (SURR)	11.204	4229686	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	3989827	20.528 ug/ml
2) T Naphthalene (C11.7)	5.667	4089035	20.504 ug/ml
3) T 2-Methylnaphthalene (...)	6.713	4083816	20.941 ug/ml
5) T Acenaphthylene (C15.06)	7.976	4252866	20.327 ug/ml
7) T Acenaphthene (C15.5)	8.268	4241955	20.110 ug/ml
8) T Fluorene (C16.55)	9.049	3942801	20.320 ug/ml
9) T Phenanthrene (C19.36)	10.435	3910610	20.748 ug/ml
10) T Anthracene (C19.43)	10.514	3935522	20.910 ug/ml
12) T Fluoranthene (C21.85)	12.239	4043775	20.794 ug/ml
13) T Pyrene (C20.8)	12.530	4115430	21.061 ug/ml
14) T Benzo[a]anthracene (C...	14.400	3384406	22.245 ug/ml
15) T Chrysene (C27.41)	14.441	4093856	20.062 ug/ml
16) T benzo[b]fluoranthene ...	15.946	3542050	22.188 ug/ml
17) T Bnezo[k]fluoranthene ...	15.978	4150294	19.972 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	3256199	20.793 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	2173633	19.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	3383853	23.791 ug/ml
21) T Benzo[g,h,i]perylene ...	17.941	3432808	21.562 ug/ml

(f)=RT Delta > 1/2 Window

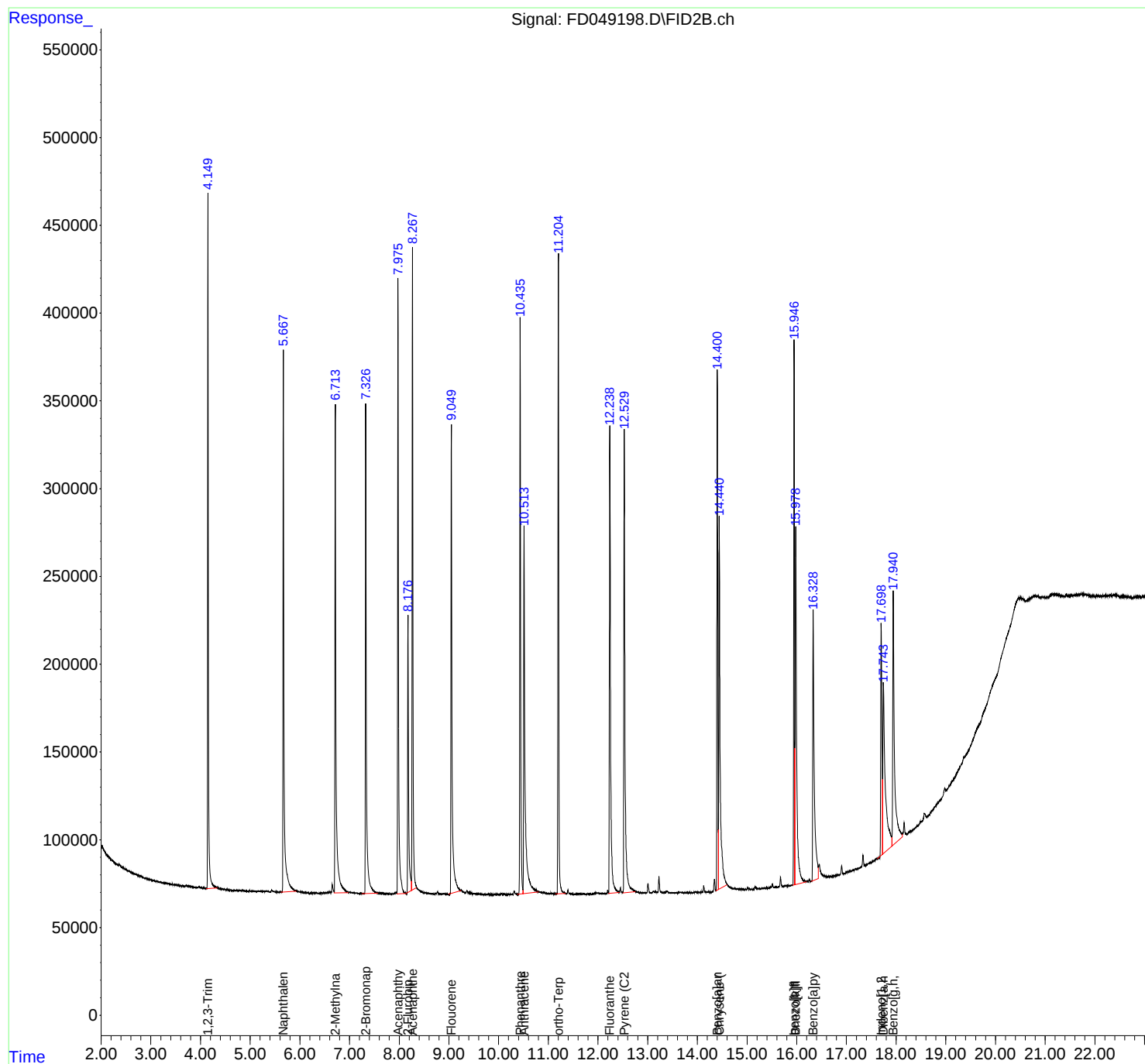
(m)=manual int.

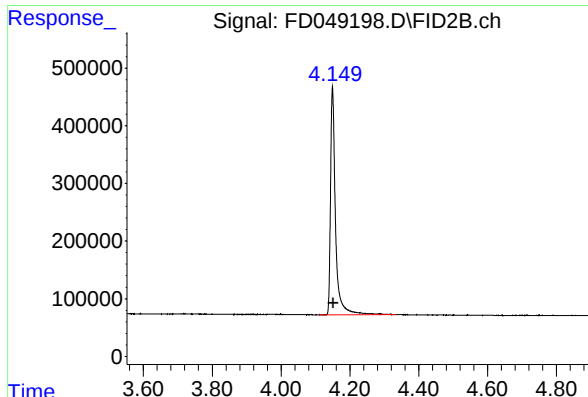
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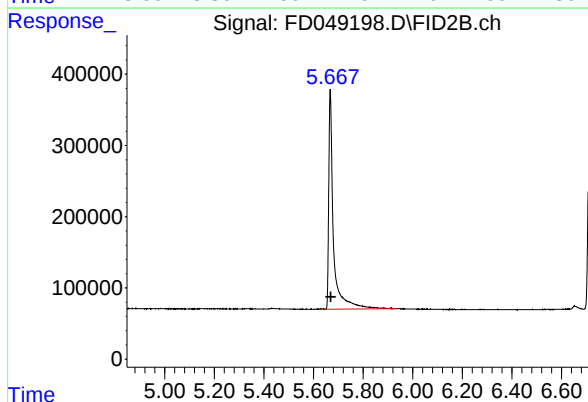




#1 1,2,3-Trimethylbenzene (C10.1)

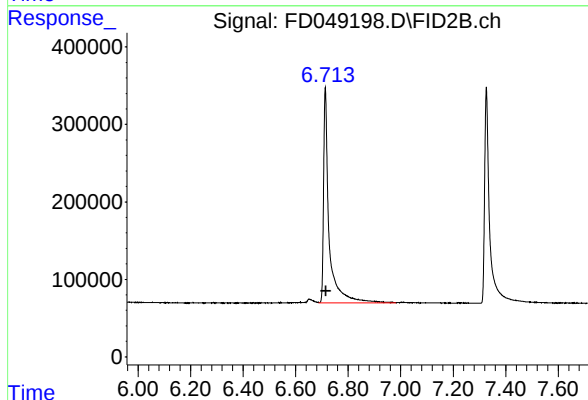
R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 3989827
Conc: 20.53 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



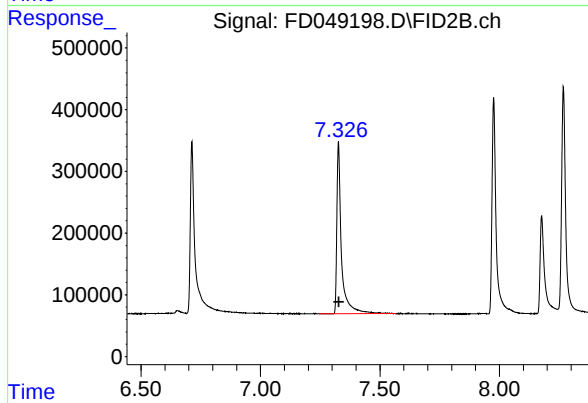
#2 Naphthalene (C11.7)

R.T.: 5.667 min
Delta R.T.: -0.003 min
Response: 4089035
Conc: 20.50 ug/ml



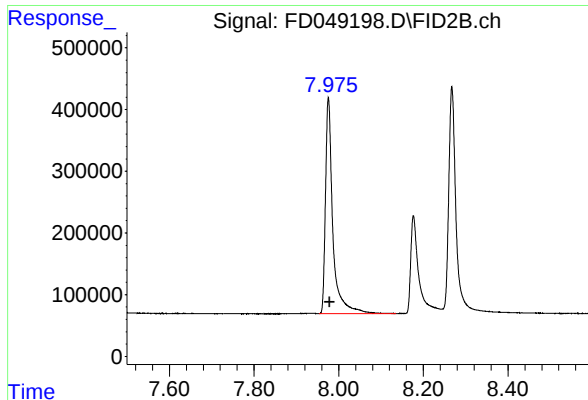
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 4083816
Conc: 20.94 ug/ml



#4 2-Bromonaphthalene (SURR)

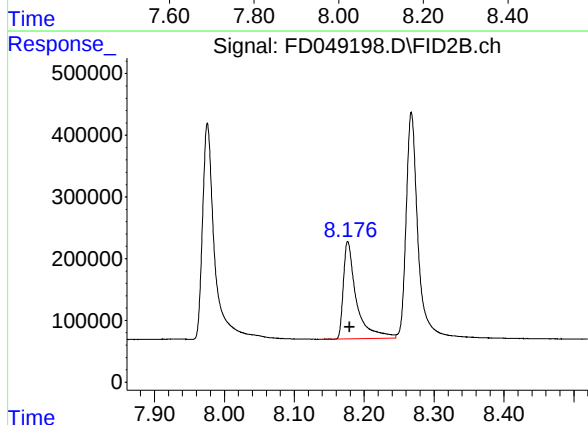
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 3747013
Conc: 20.51 ug/ml



#5 Acenaphthylene (C15.06)

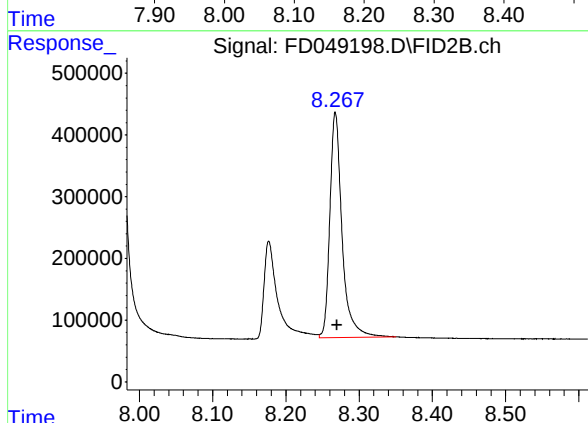
R.T.: 7.976 min
Delta R.T.: -0.003 min
Response: 4252866
Conc: 20.33 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



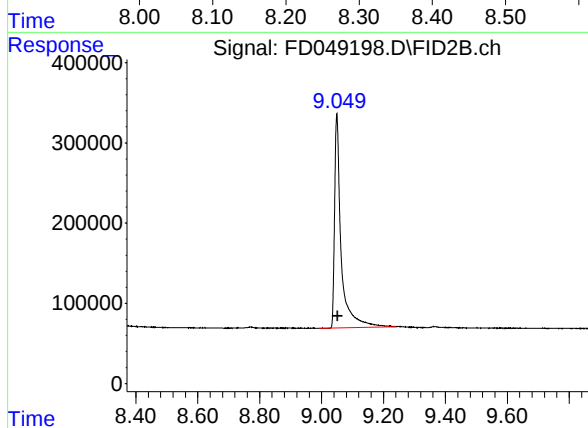
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 2046988
Conc: 21.29 ug/ml



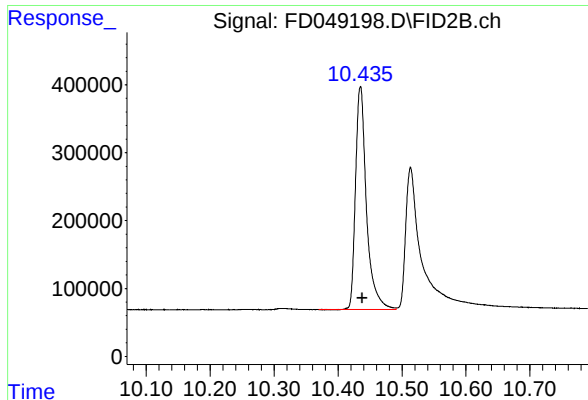
#7 Acenaphthene (C15.5)

R.T.: 8.268 min
Delta R.T.: -0.002 min
Response: 4241955
Conc: 20.11 ug/ml



#8 Flouorene (C16.55)

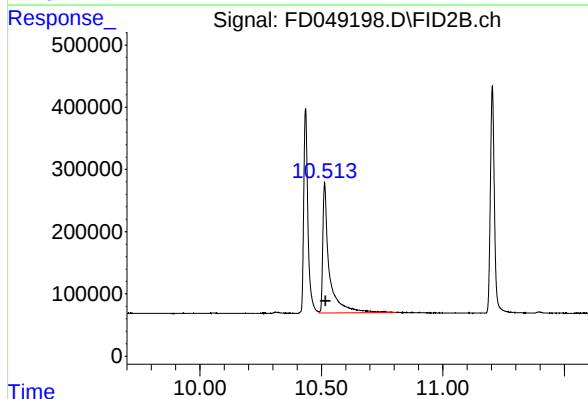
R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 3942801
Conc: 20.32 ug/ml



#9 Phenanthrene (C19.36)

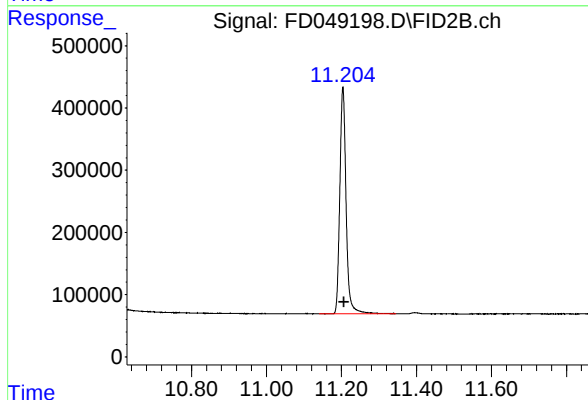
R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 3910610
Conc: 20.75 ug/ml

Instrument :
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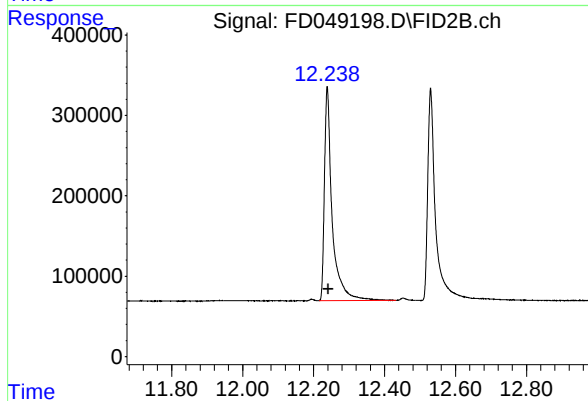
#10 Anthracene (C19.43)

R.T.: 10.514 min
Delta R.T.: -0.003 min
Response: 3935522
Conc: 20.91 ug/ml



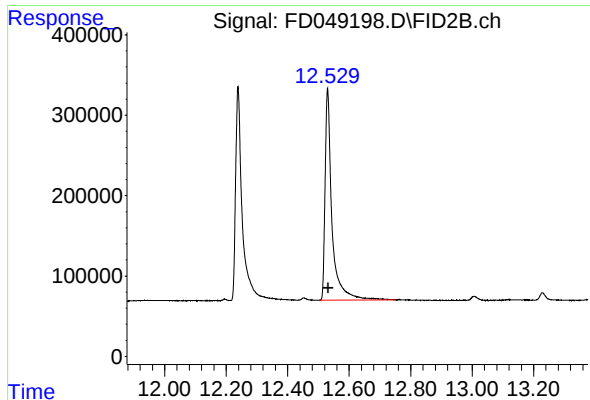
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min
Delta R.T.: -0.003 min
Response: 4229686
Conc: 20.40 ug/ml



#12 Fluoranthene (C21.85)

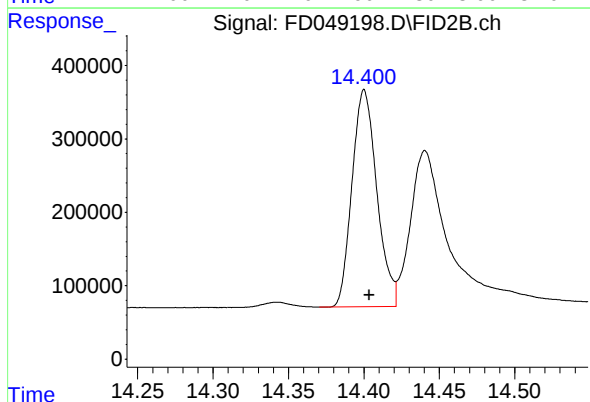
R.T.: 12.239 min
Delta R.T.: -0.003 min
Response: 4043775
Conc: 20.79 ug/ml



#13 Pyrene (C20.8)

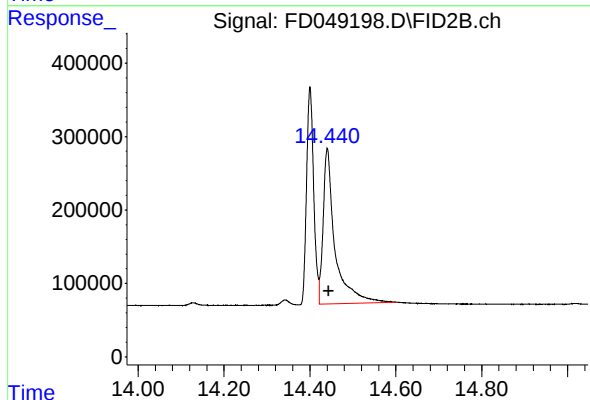
R.T.: 12.530 min
Delta R.T.: -0.002 min
Response: 4115430
Conc: 21.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



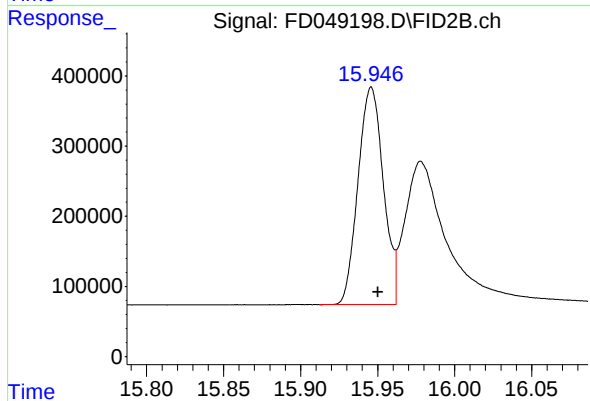
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.400 min
Delta R.T.: -0.003 min
Response: 3384406
Conc: 22.25 ug/ml



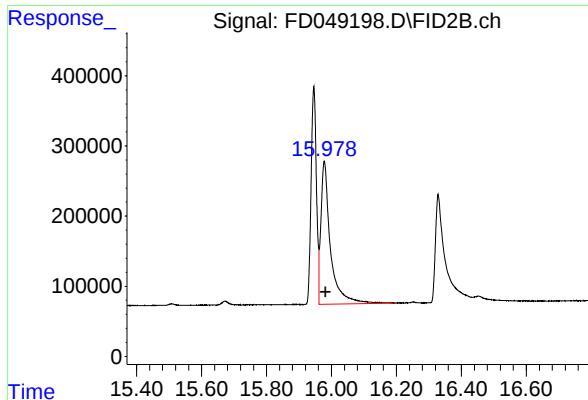
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.003 min
Response: 4093856
Conc: 20.06 ug/ml



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

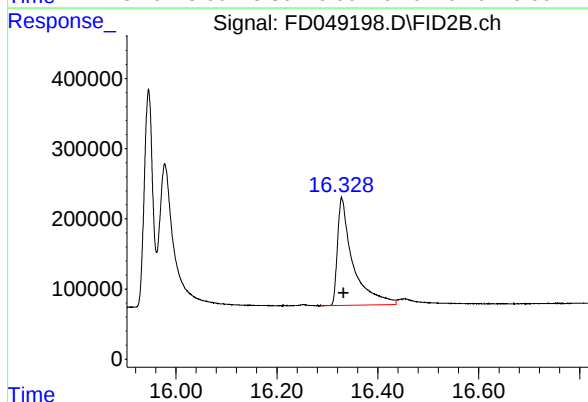
R.T.: 15.946 min
Delta R.T.: -0.004 min
Response: 3542050
Conc: 22.19 ug/ml



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

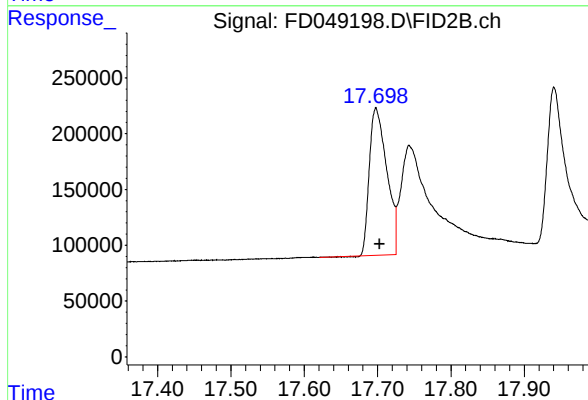
R.T.: 15.978 min
Delta R.T.: -0.004 min
Response: 4150294
Conc: 19.97 ug/ml

Instrument :
FID_D
ClientSampleId :
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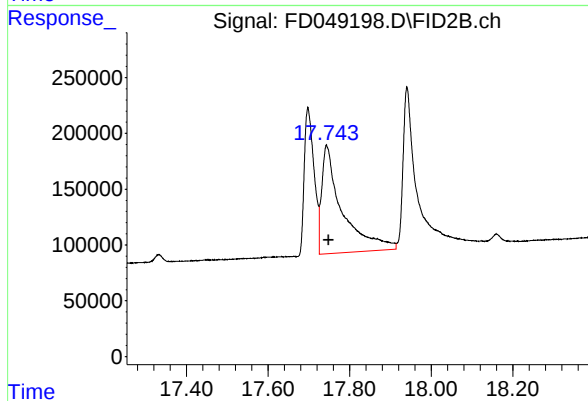
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.004 min
Response: 3256199
Conc: 20.79 ug/ml



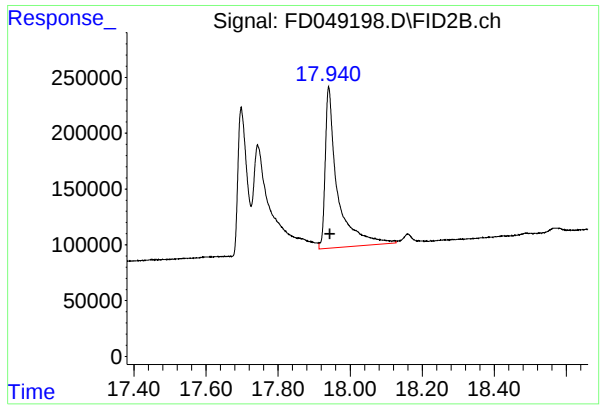
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.005 min
Response: 2173633
Conc: 19.37 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.005 min
Response: 3383853
Conc: 23.79 ug/ml



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

R.T.: 17.941 min
Delta R.T.: -0.003 min
Response: 3432808
Conc: 21.56 ug/ml

Instrument :

FID_D

ClientSampleId :

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