

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032625AR\
 Data File : FD049193.D
 Signal(s) : FID2B.ch
 Acq On : 26 Mar 2025 11:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Mar 26 13:19:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:15:41 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...	7.328	3716049	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.180	2026876	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.207	4164591	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3938182	20.000 ug/ml
2) T Naphthalene (C11.7)	5.670	4061820	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	4010804	20.000 ug/ml
5) T Acenaphthylene (C15.06)	7.978	4192457	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.270	4190996	20.000 ug/ml
8) T Fluorene (C16.55)	9.052	4073285	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.438	3872941	20.000 ug/ml
10) T Anthracene (C19.43)	10.516	3877431	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.242	3990831	20.000 ug/ml
13) T Pyrene (C20.8)	12.532	4093114	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.404	3355003	20.000 ug/ml
15) T Chrysene (C27.41)	14.444	4039036	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.950	3526268	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	15.982	4077221	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.332	3227102	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.703	2148413	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.748	3334524	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	3434384	20.000 ug/ml

(f)=RT Delta > 1/2 Window

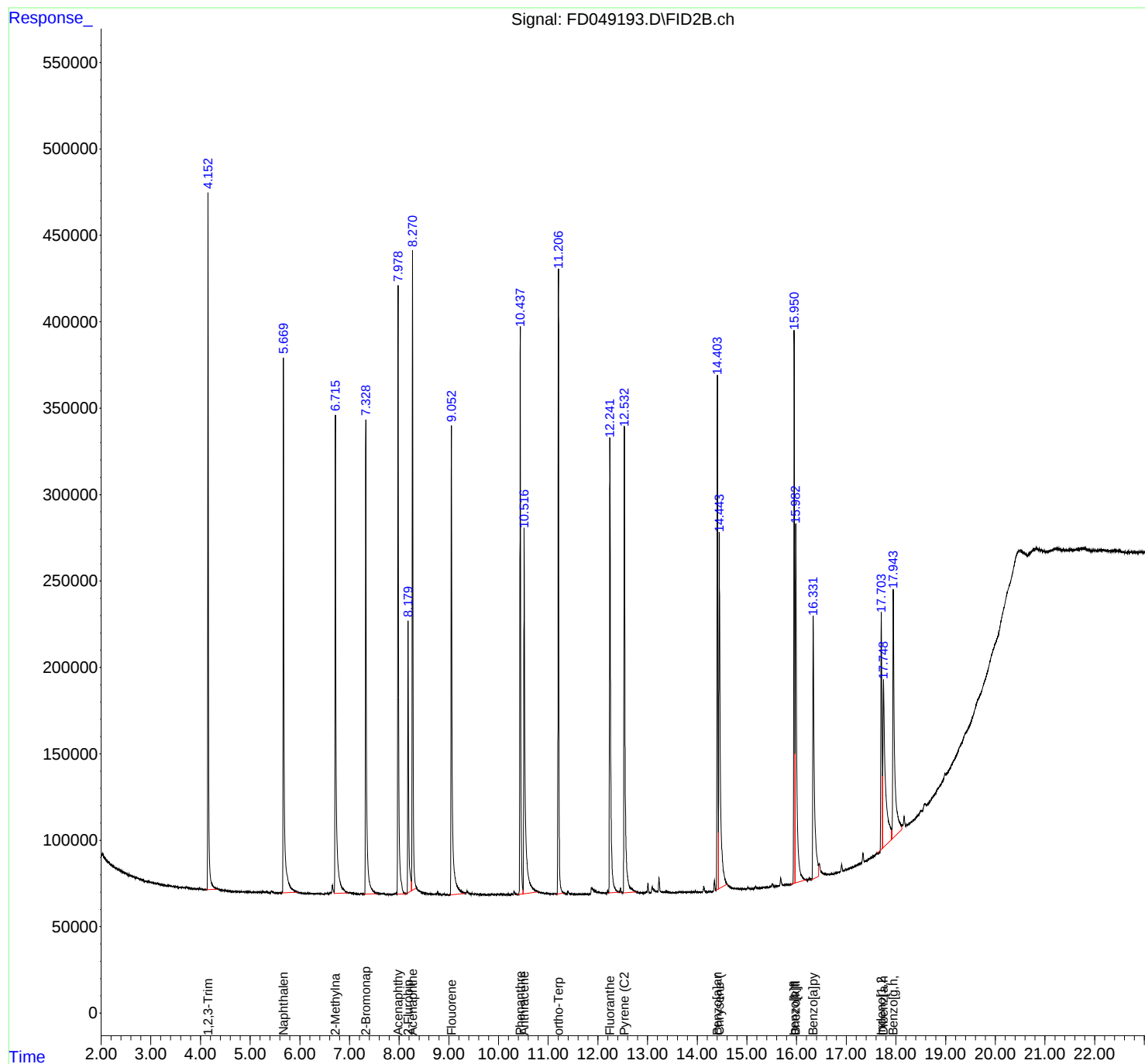
(m)=manual int.

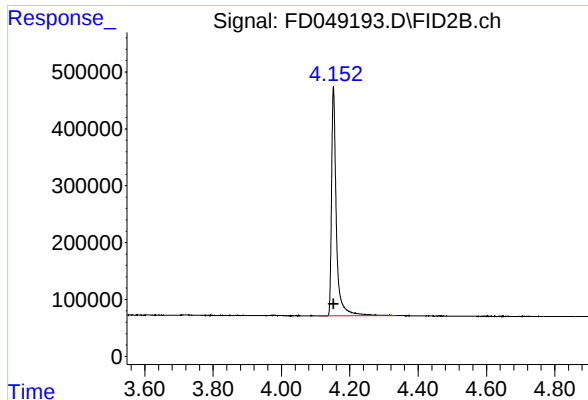
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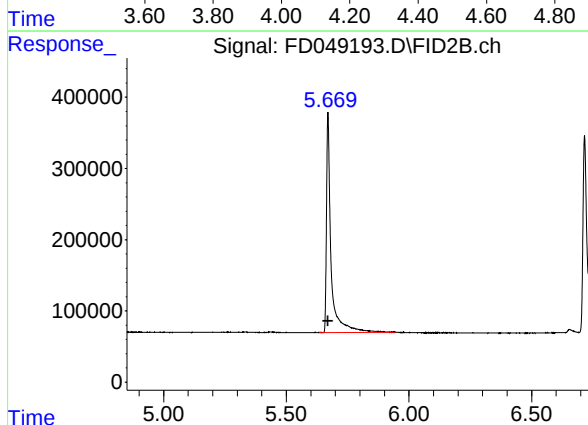




#1 1,2,3-Trimethylbenzene (C10.1)

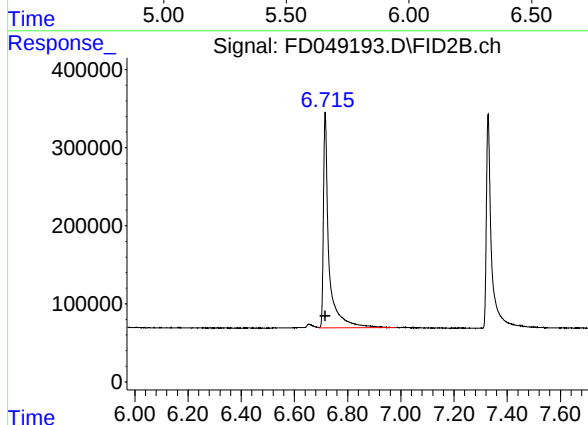
R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 3938182
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



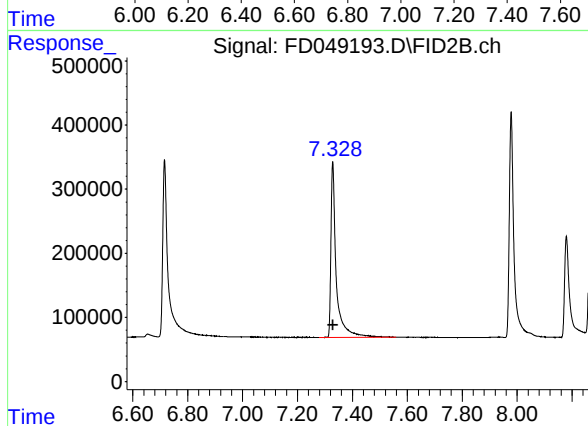
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 4061820
Conc: 20.00 ug/ml



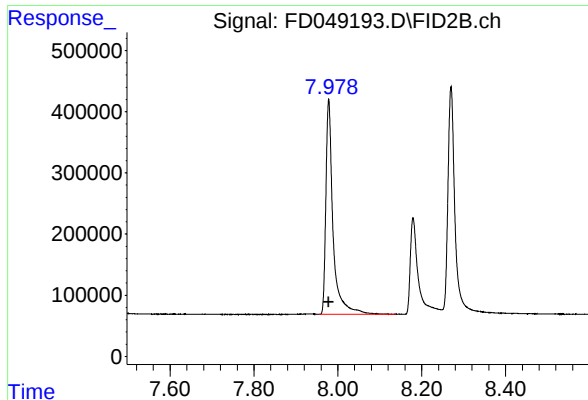
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 4010804
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

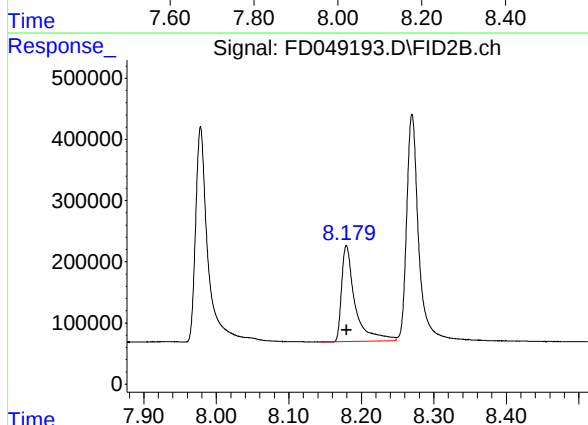
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 3716049
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

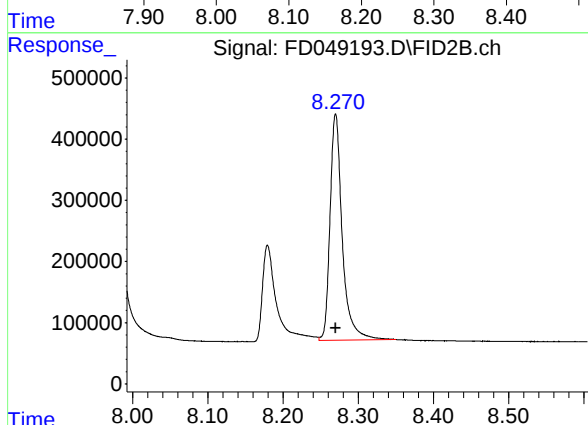
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 4192457
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



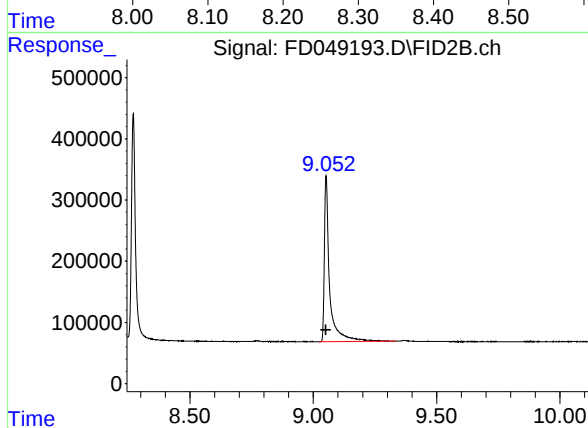
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 2026876
Conc: 20.00 ug/ml



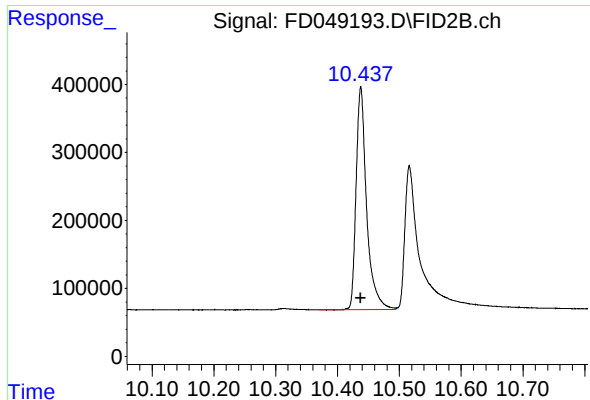
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 4190996
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

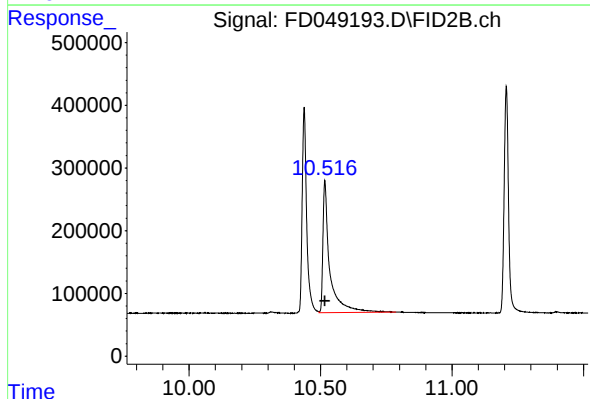
R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 4073285
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

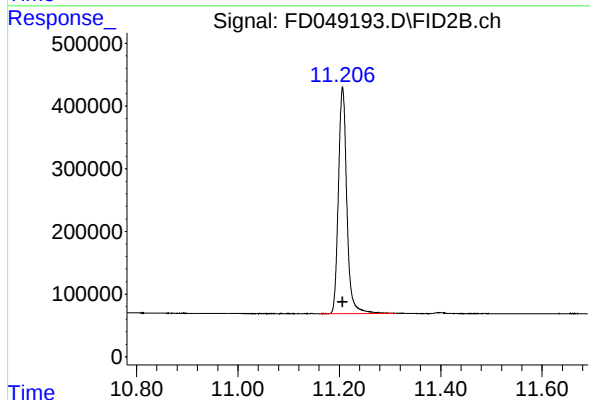
R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 3872941
Conc: 20.00 ug/ml

Instrument :
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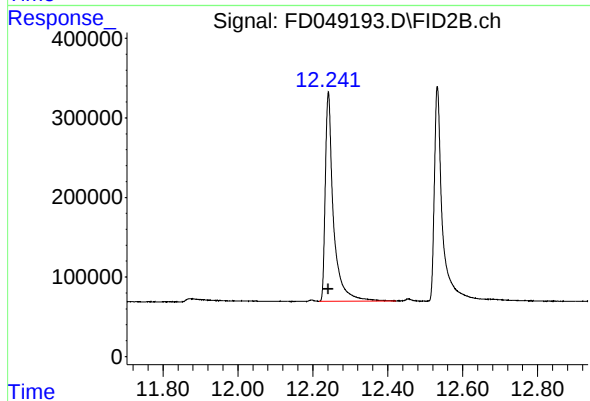
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: 0.000 min
Response: 3877431
Conc: 20.00 ug/ml



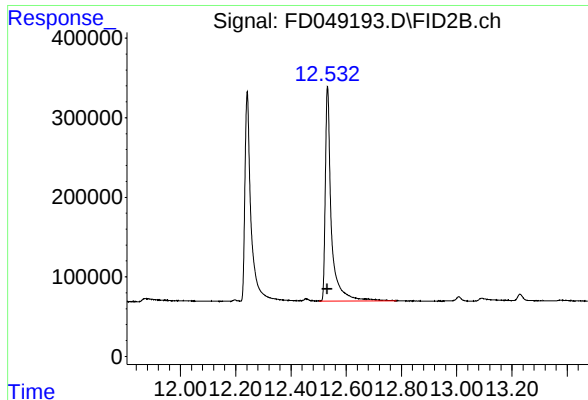
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 4164591
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

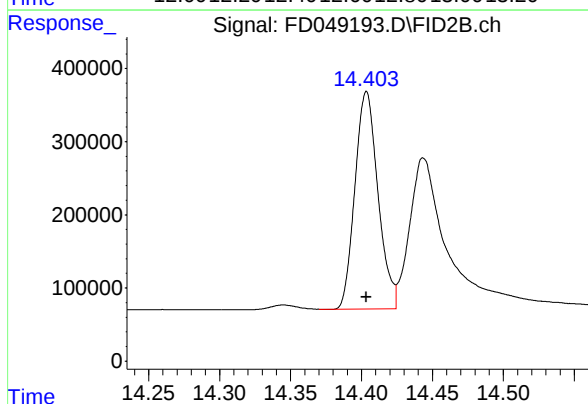
R.T.: 12.242 min
Delta R.T.: 0.000 min
Response: 3990831
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

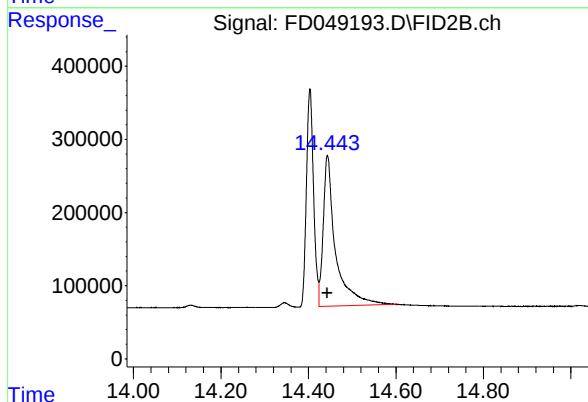
R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 4093114
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



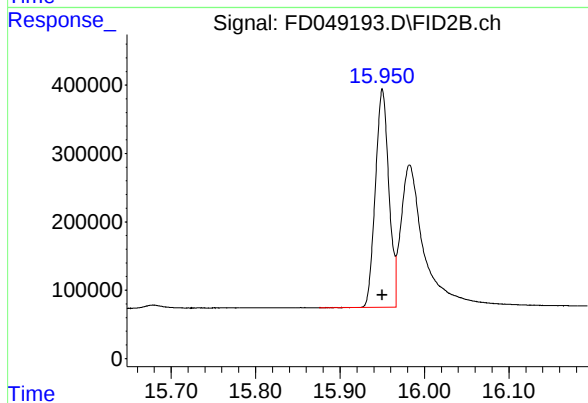
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: 0.000 min
Response: 3355003
Conc: 20.00 ug/ml



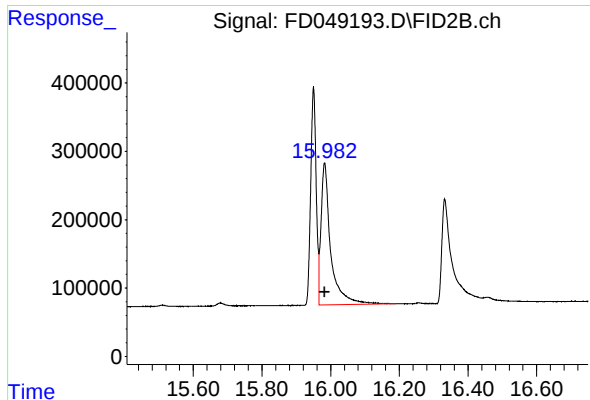
#15 Chrysene (C27.41)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 4039036
Conc: 20.00 ug/ml



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

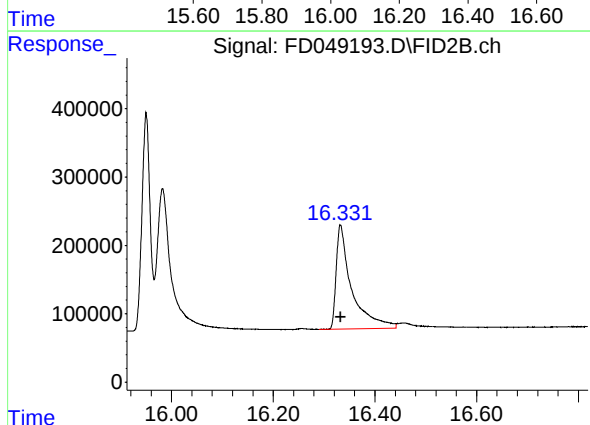
R.T.: 15.950 min
Delta R.T.: 0.000 min
Response: 3526268
Conc: 20.00 ug/ml



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

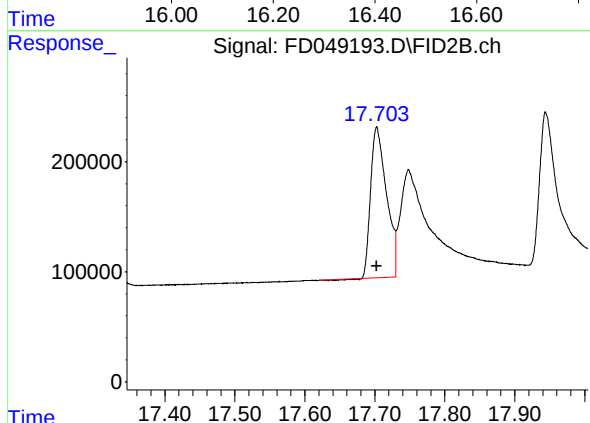
R.T.: 15.982 min
Delta R.T.: 0.000 min
Response: 4077221
Conc: 20.00 ug/ml

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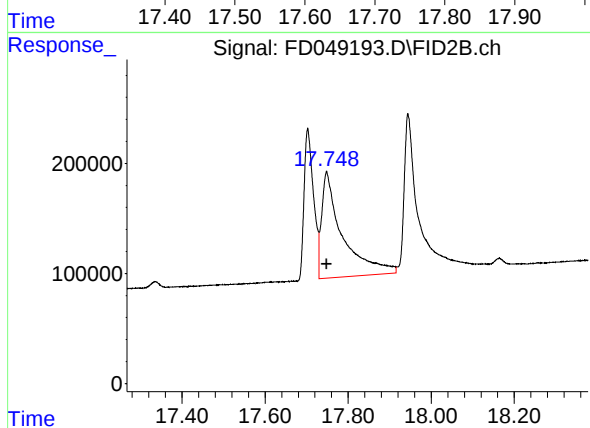
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.332 min
Delta R.T.: 0.000 min
Response: 3227102
Conc: 20.00 ug/ml



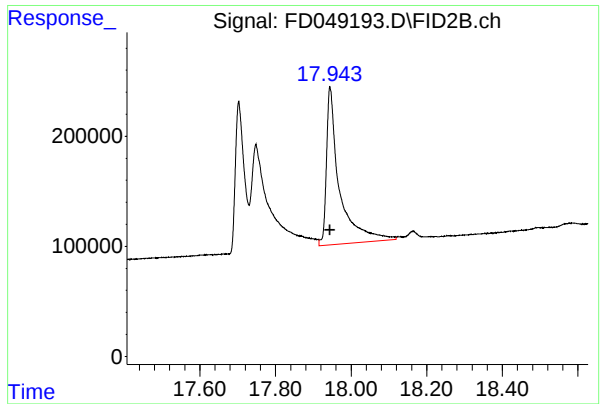
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.703 min
Delta R.T.: 0.000 min
Response: 2148413
Conc: 20.00 ug/ml



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

R.T.: 17.748 min
Delta R.T.: 0.000 min
Response: 3334524
Conc: 20.00 ug/ml



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

R.T.: 17.944 min
Delta R.T.: 0.000 min
Response: 3434384
Conc: 20.00 ug/ml

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