

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049166.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 20:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 05 23:31:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.353	2971940	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
6) S 2-Fluorobiphenyl (SURR)	8.206	1699653	19.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.67%
11) S ortho-Terphenyl (SURR)	11.234	3381553	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3238244	20.334 ug/ml
2) T Naphthalene (C11.7)	5.694	3285215	20.689 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3250961	20.881 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3355283	20.634 ug/ml
7) T Acenaphthene (C15.5)	8.296	3504709	21.304 ug/ml
8) T Fluorene (C16.55)	9.078	3238777	20.544 ug/ml
9) T Phenanthrene (C19.36)	10.465	3068901	20.364 ug/ml
10) T Anthracene (C19.43)	10.543	3086937	20.439 ug/ml
12) T Fluoranthene (C21.85)	12.270	3159218	20.473 ug/ml
13) T Pyrene (C20.8)	12.562	3103189	20.143 ug/ml
14) T Benzo[a]anthracene (C...	14.433	2569868	19.559 ug/ml
15) T Chrysene (C27.41)	14.474	3328013	20.583 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2726823	19.818 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3278025	20.755 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2775671	20.449 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	1762419	16.128 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2830246	18.243 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2772005	19.124 ug/ml

(f)=RT Delta > 1/2 Window

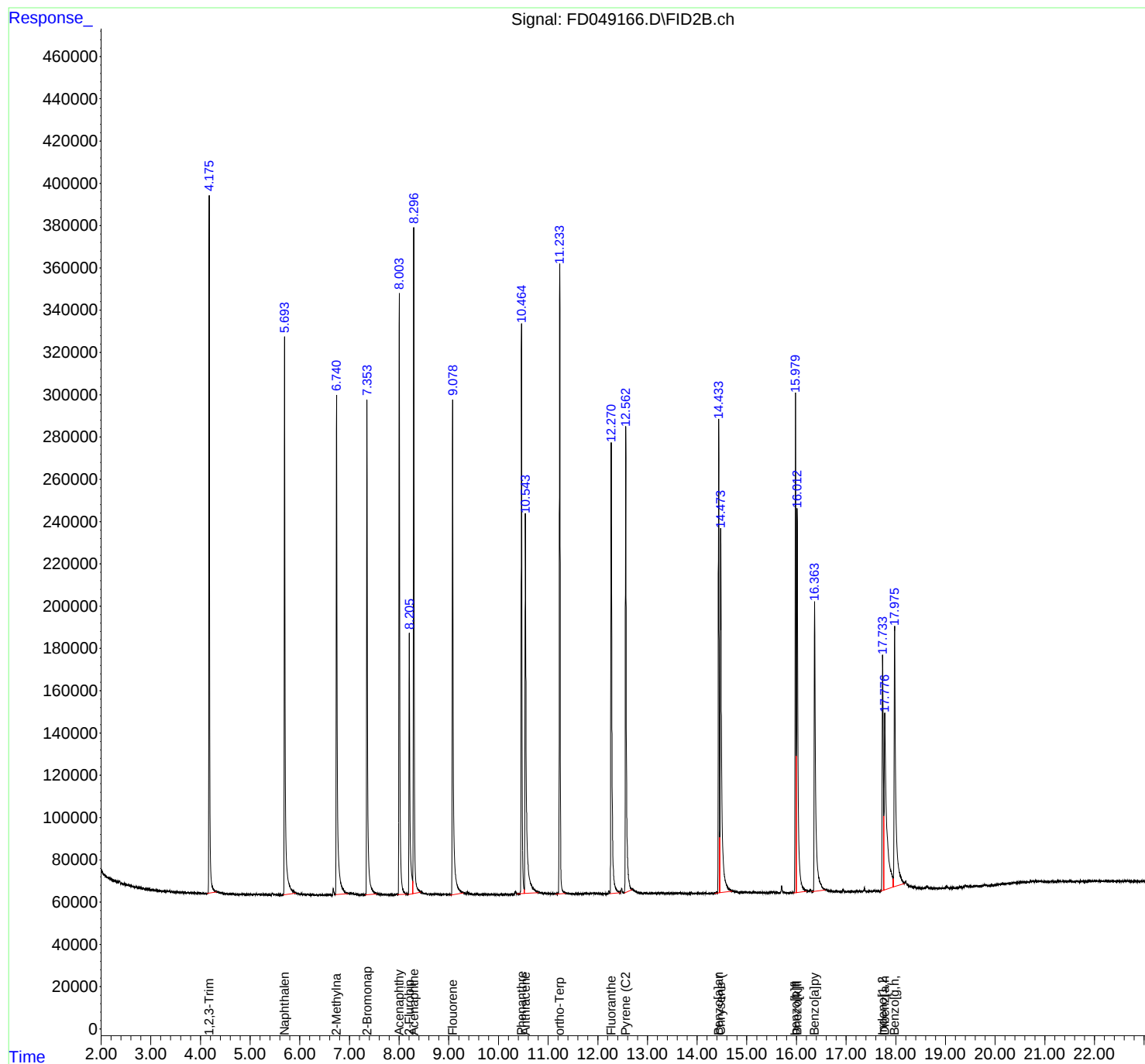
(m)=manual int.

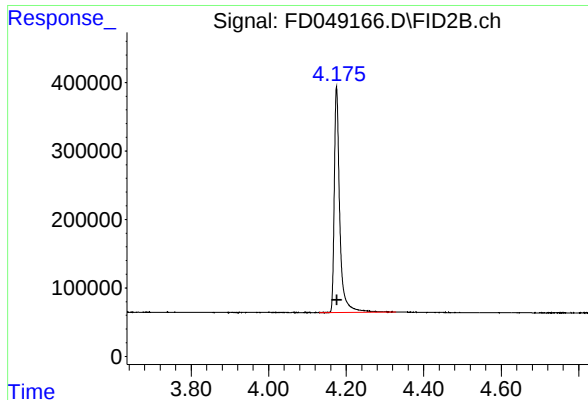
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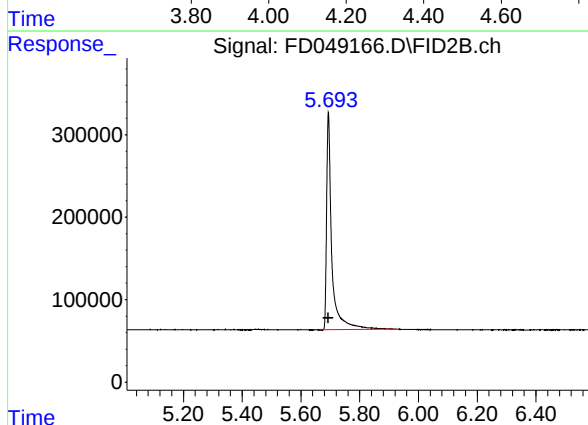




#1 1,2,3-Trimethylbenzene (C10.1)

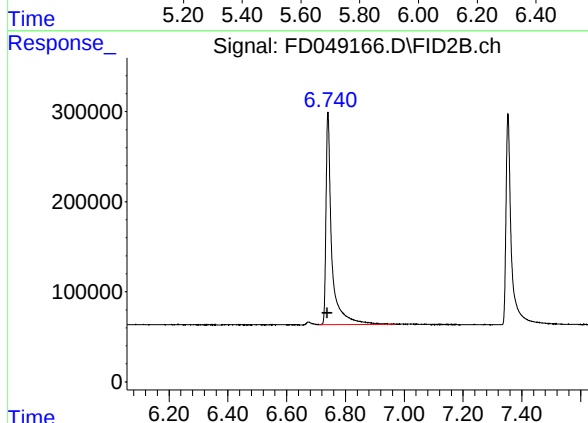
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3238244
Conc: 20.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



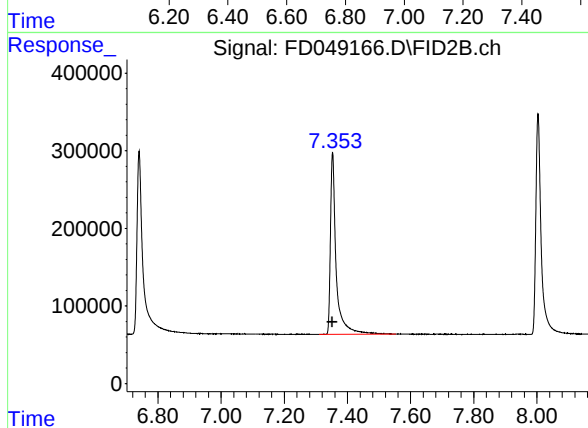
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 3285215
Conc: 20.69 ug/ml



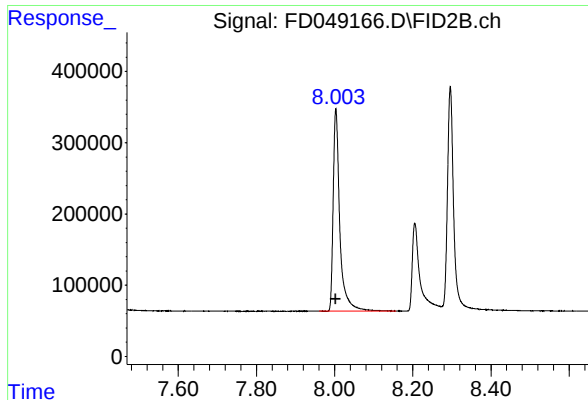
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: 0.002 min
Response: 3250961
Conc: 20.88 ug/ml



#4 2-Bromonaphthalene (SURR)

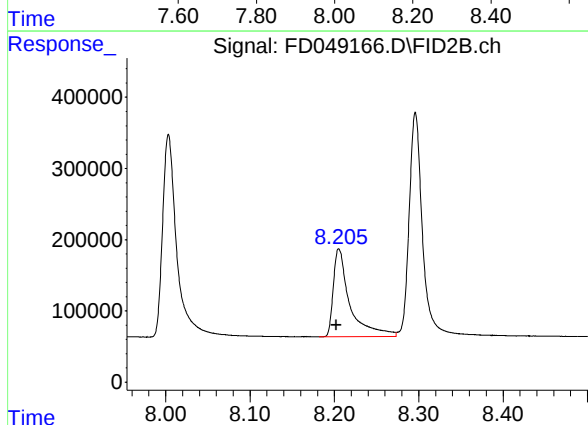
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 2971940
Conc: 20.77 ug/ml



#5 Acenaphthylene (C15.06)

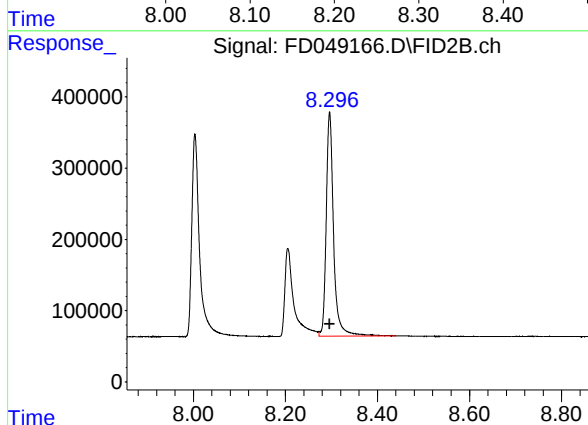
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3355283
Conc: 20.63 ug/ml

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20 PPM AROMATIC HC STD



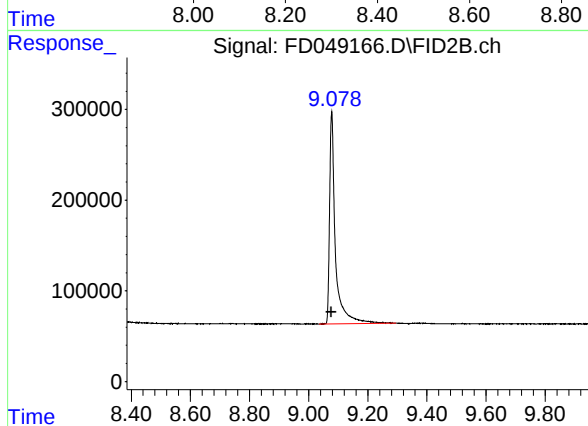
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: 0.003 min
Response: 1699653
Conc: 19.33 ug/ml



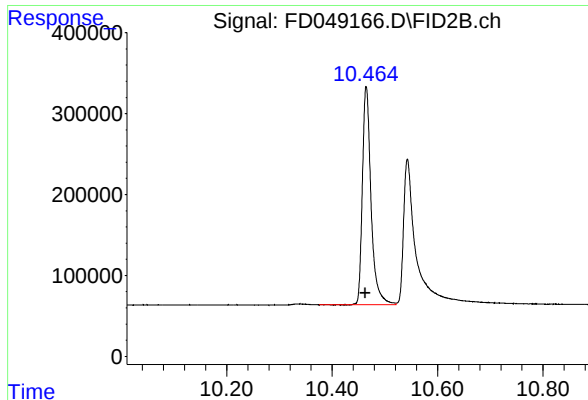
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3504709
Conc: 21.30 ug/ml



#8 Fluorene (C16.55)

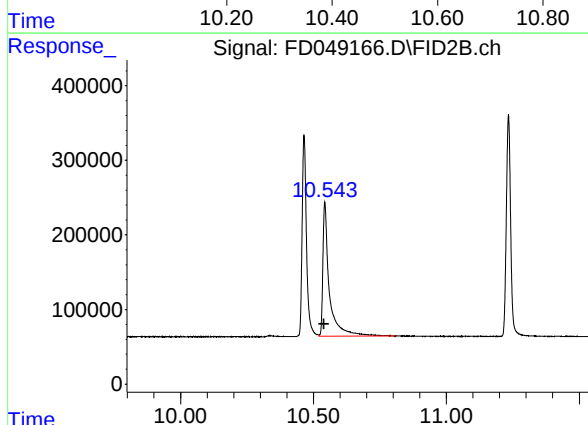
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 3238777
Conc: 20.54 ug/ml



#9 Phenanthrene (C19.36)

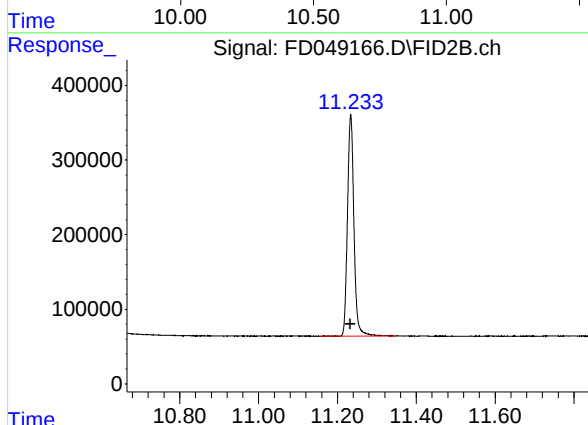
R.T.: 10.465 min
Delta R.T.: 0.002 min
Response: 3068901
Conc: 20.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



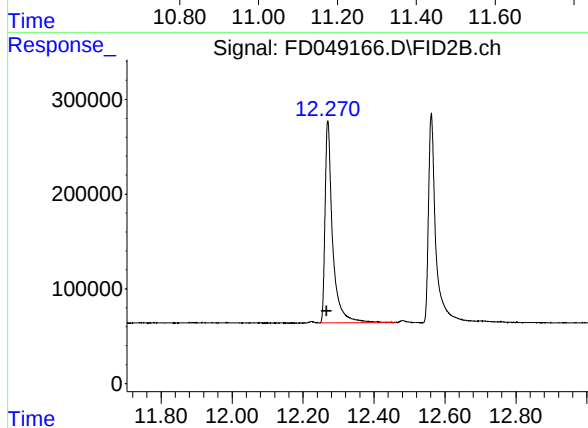
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.003 min
Response: 3086937
Conc: 20.44 ug/ml



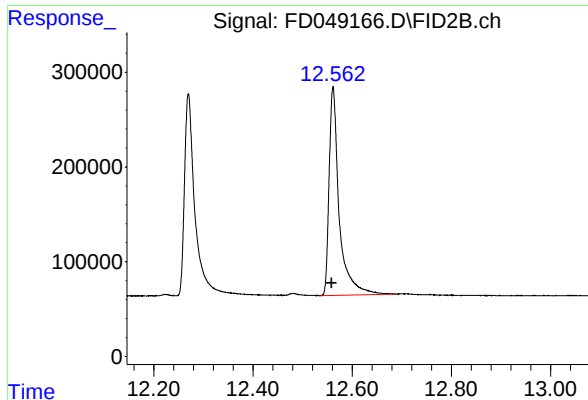
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3381553
Conc: 20.90 ug/ml



#12 Fluoranthene (C21.85)

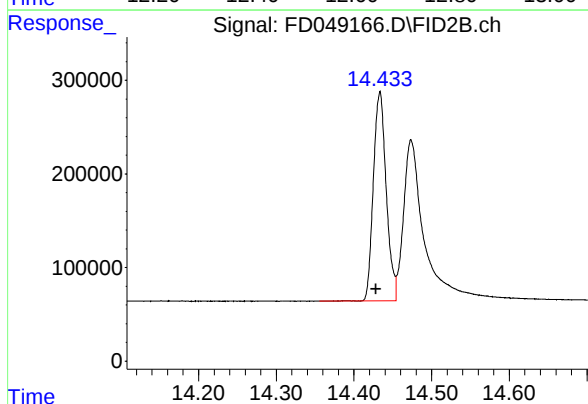
R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 3159218
Conc: 20.47 ug/ml



#13 Pyrene (C20.8)

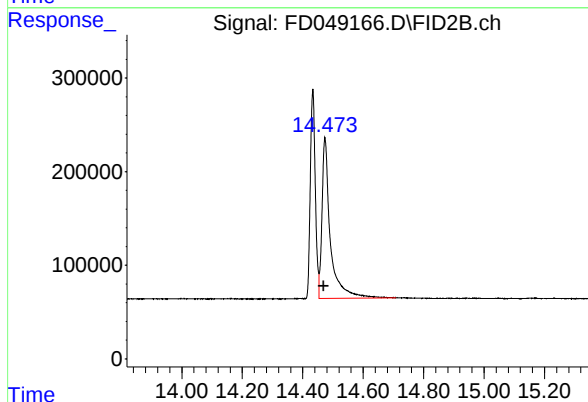
R.T.: 12.562 min
Delta R.T.: 0.003 min
Response: 3103189
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



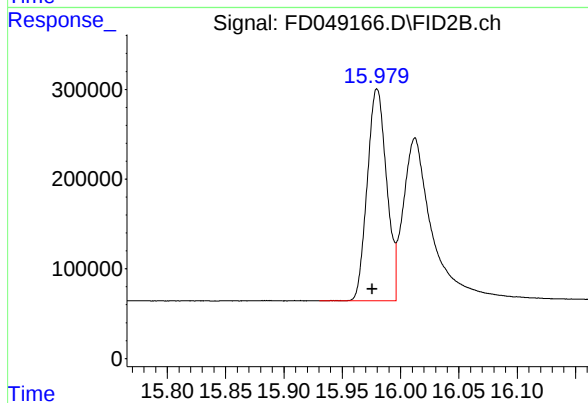
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: 0.005 min
Response: 2569868
Conc: 19.56 ug/ml



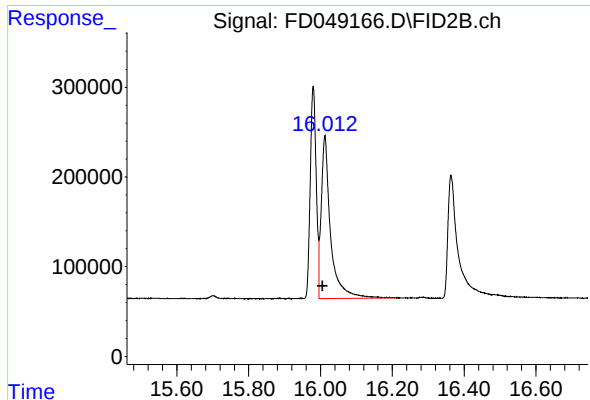
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.004 min
Response: 3328013
Conc: 20.58 ug/ml



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

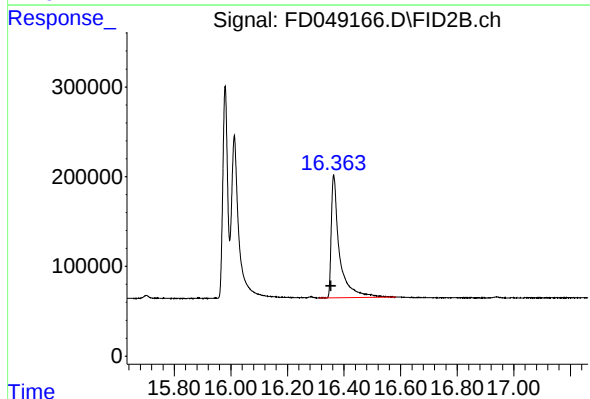
R.T.: 15.980 min
Delta R.T.: 0.004 min
Response: 2726823
Conc: 19.82 ug/ml



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

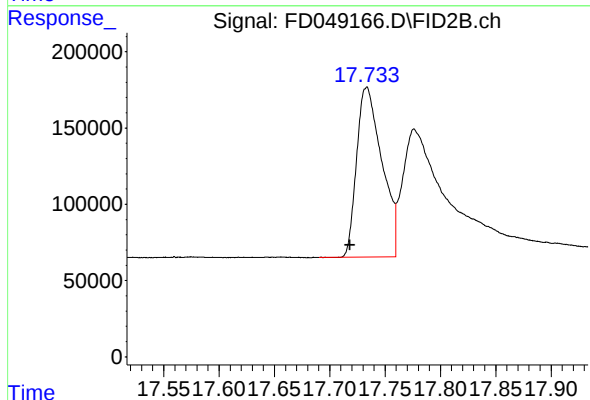
R.T.: 16.012 min
Delta R.T.: 0.006 min
Response: 3278025
Conc: 20.75 ug/ml

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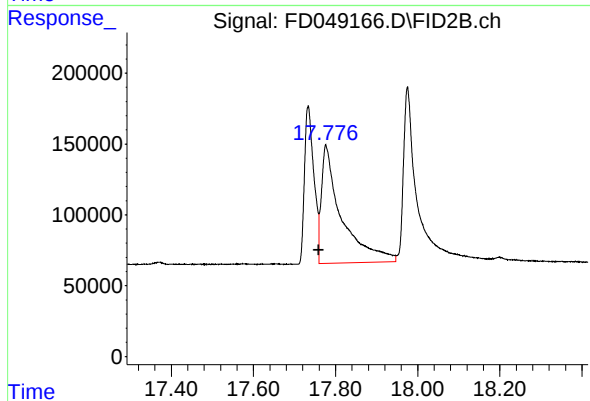
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.010 min
Response: 2775671
Conc: 20.45 ug/ml



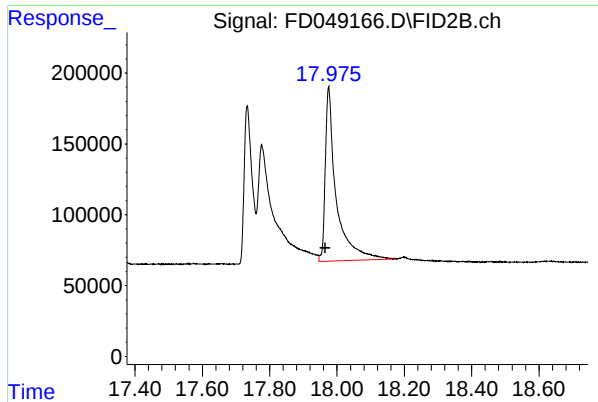
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.015 min
Response: 1762419
Conc: 16.13 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.017 min
Response: 2830246
Conc: 18.24 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.009 min
Response: 2772005
Conc: 19.12 ug/ml

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