

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
 Data File : FD049540.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2025 10:35
 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: Jul 15 11:09:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 11:09:36 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...	7.733	2657495	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.598	1873831	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.642	3301622	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.529	2647645	20.000 ug/ml
2) T Naphthalene (C11.7)	6.071	2982013	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.124	3092952	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.402	3218800	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.698	3201933	20.000 ug/ml
8) T Flouorene (C16.55)	9.478	3223959	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.876	3320753	20.000 ug/ml
10) T Anthracene (C19.43)	10.951	3230701	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.689	3295137	20.000 ug/ml
13) T Pyrene (C20.8)	12.987	3288172	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.857	2987017	20.000 ug/ml
15) T Chrysene (C27.41)	14.899	3025343	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.407	2879515	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.439	2717547	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.785	2798827	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	2513712	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.189	2655955	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.404	2685089	20.000 ug/ml

(f)=RT Delta > 1/2 Window

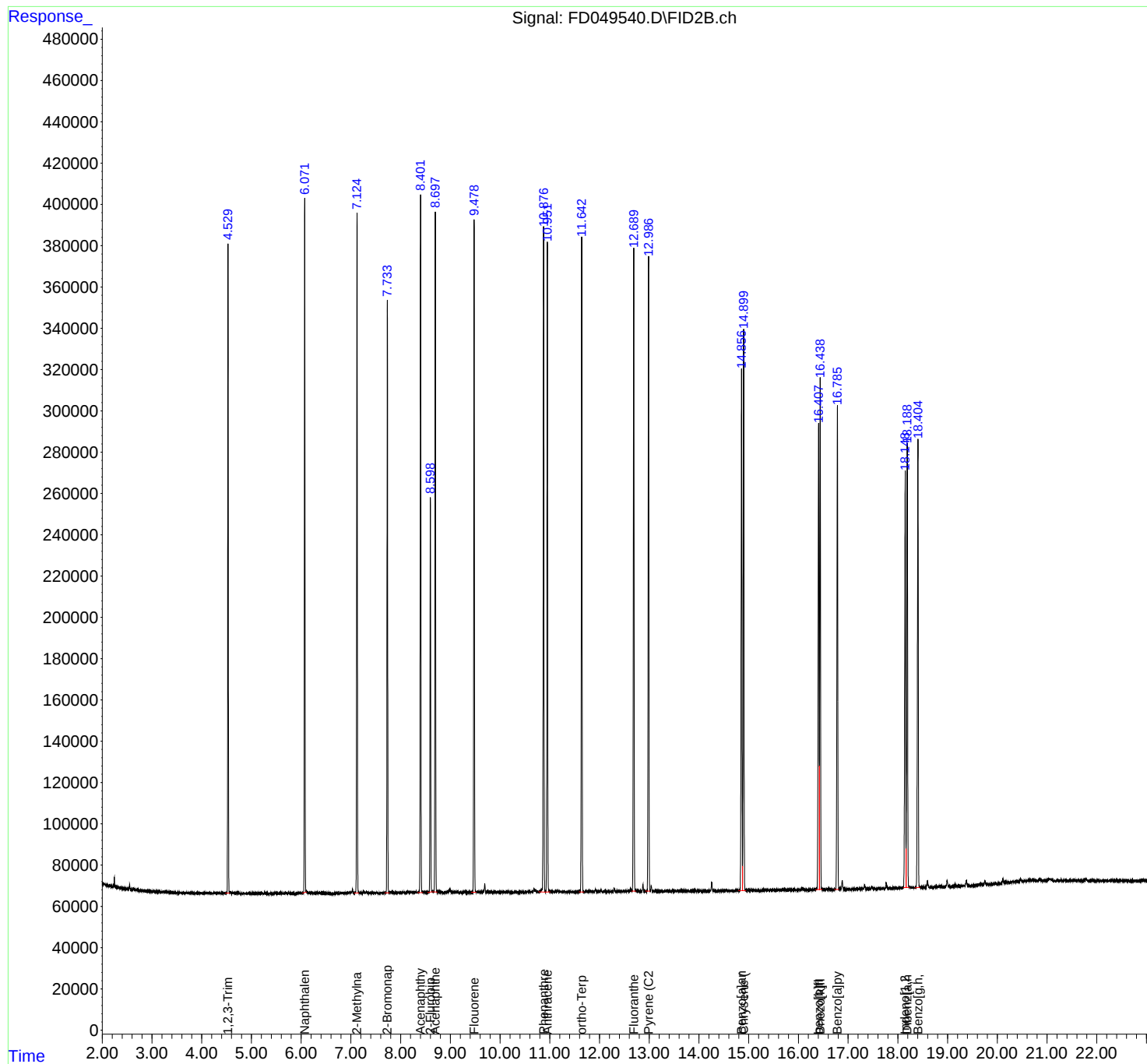
(m)=manual int.

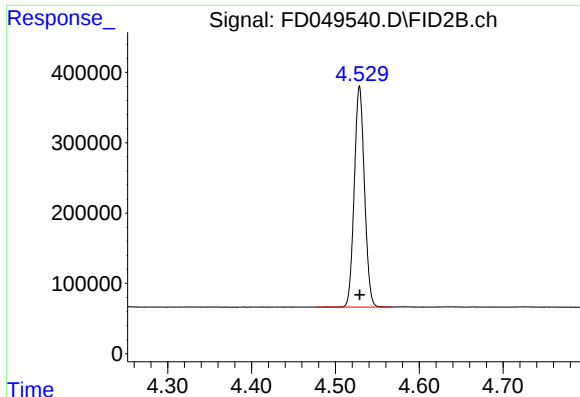
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071525AR\
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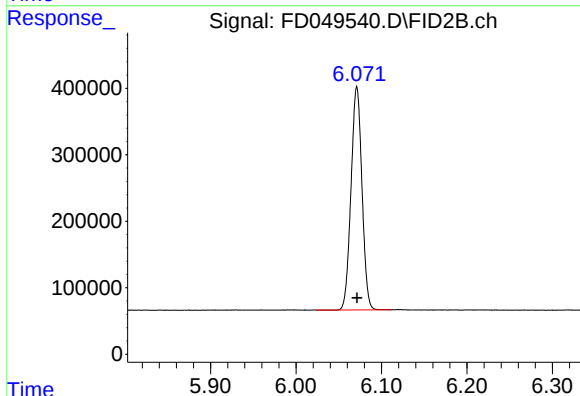




#1 1,2,3-Trimethylbenzene (C10.1)

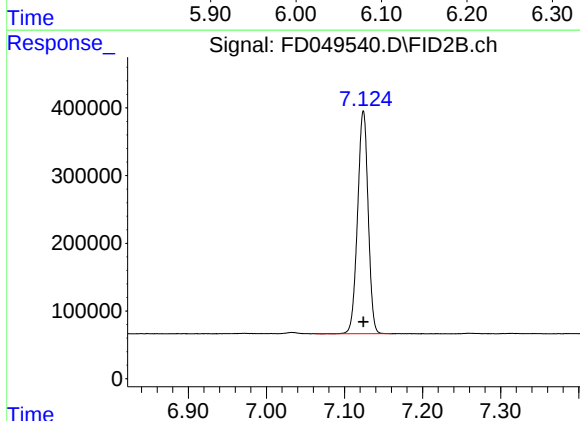
R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 2647645
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



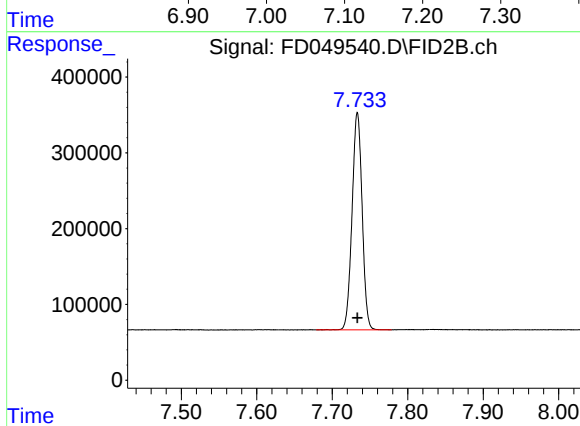
#2 Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 2982013
Conc: 20.00 ug/ml



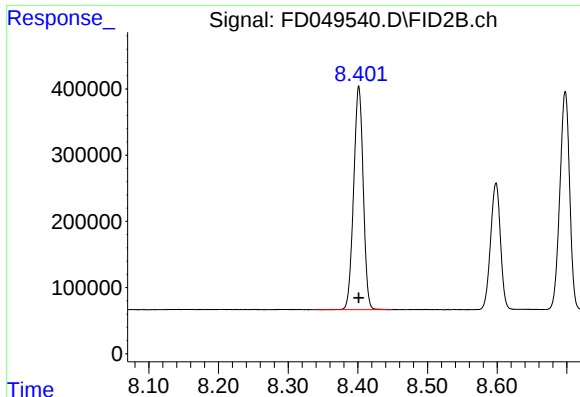
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 3092952
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

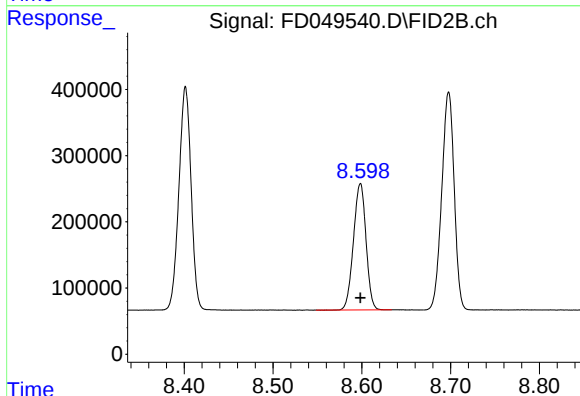
R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 2657495
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

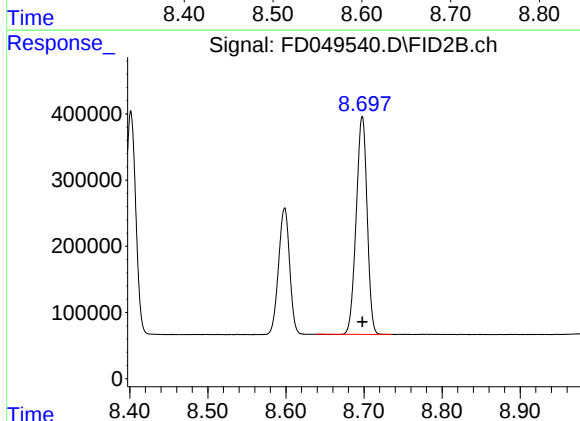
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 3218800
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



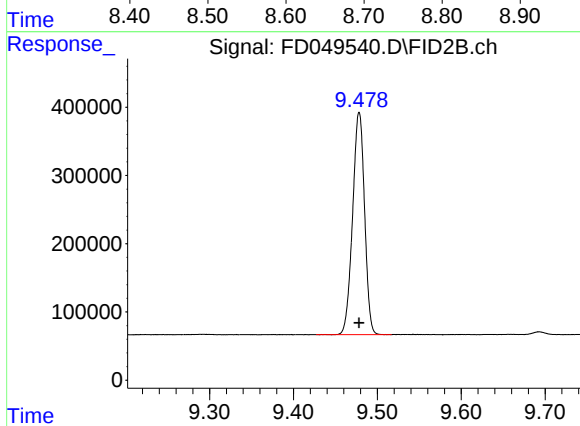
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: 0.000 min
Response: 1873831
Conc: 20.00 ug/ml



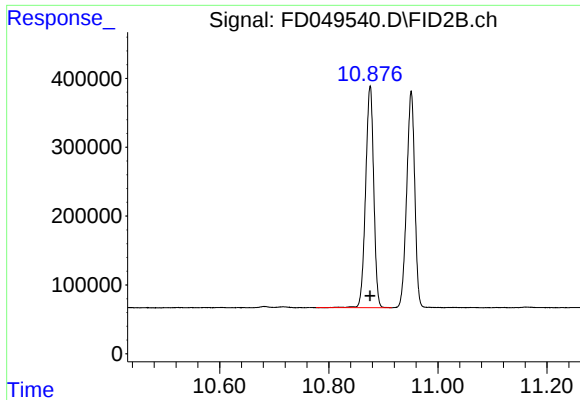
#7 Acenaphthene (C15.5)

R.T.: 8.698 min
Delta R.T.: 0.000 min
Response: 3201933
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

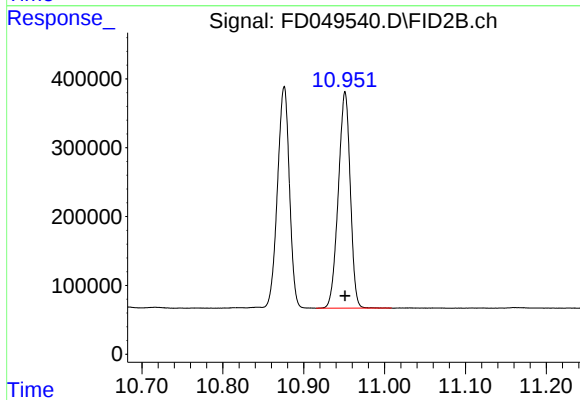
R.T.: 9.478 min
Delta R.T.: 0.000 min
Response: 3223959
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

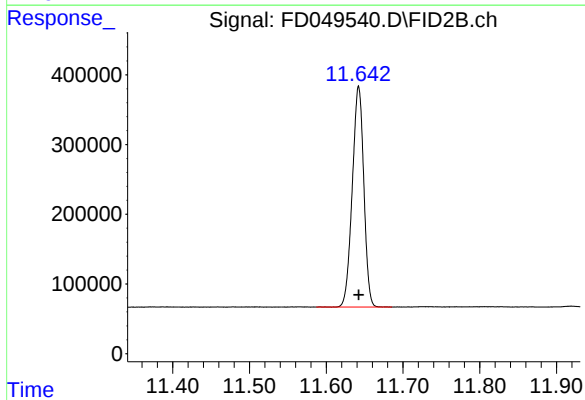
R.T.: 10.876 min
Delta R.T.: 0.000 min
Response: 3320753
Conc: 20.00 ug/ml

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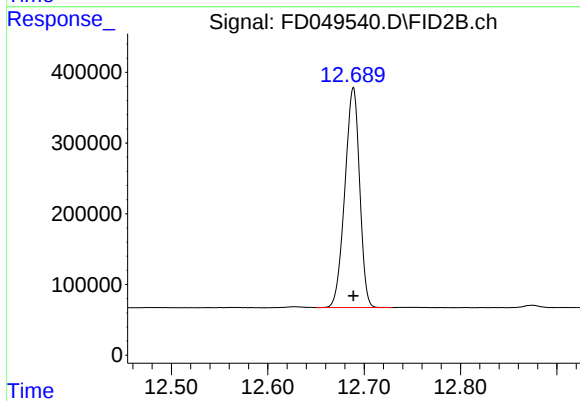
#10 Anthracene (C19.43)

R.T.: 10.951 min
Delta R.T.: 0.000 min
Response: 3230701
Conc: 20.00 ug/ml



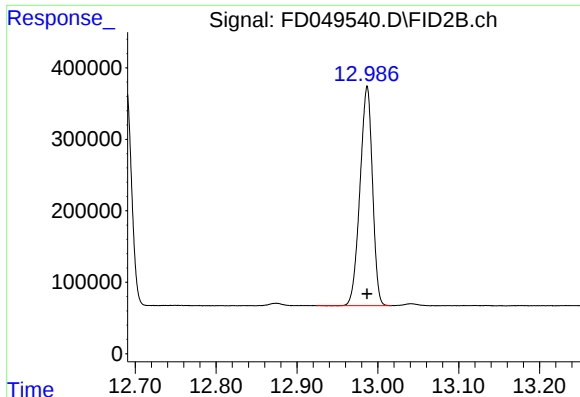
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: 0.000 min
Response: 3301622
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

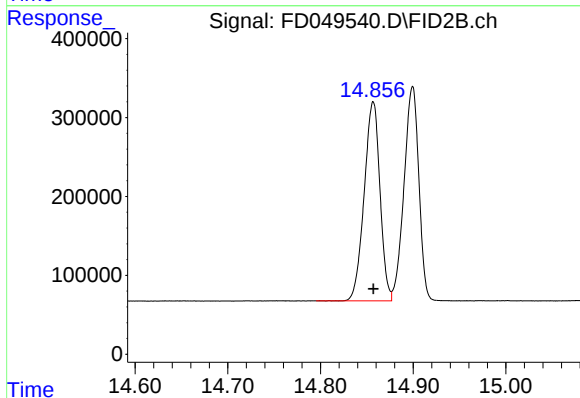
R.T.: 12.689 min
Delta R.T.: 0.000 min
Response: 3295137
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

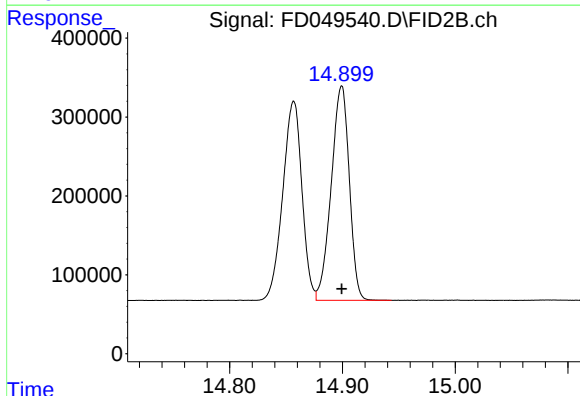
R.T.: 12.987 min
Delta R.T.: 0.000 min
Response: 3288172
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



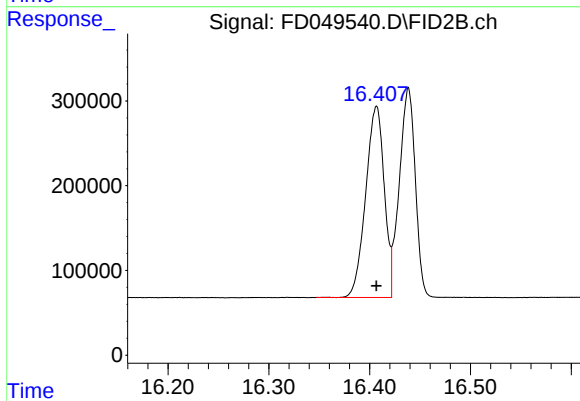
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.857 min
Delta R.T.: 0.000 min
Response: 2987017
Conc: 20.00 ug/ml



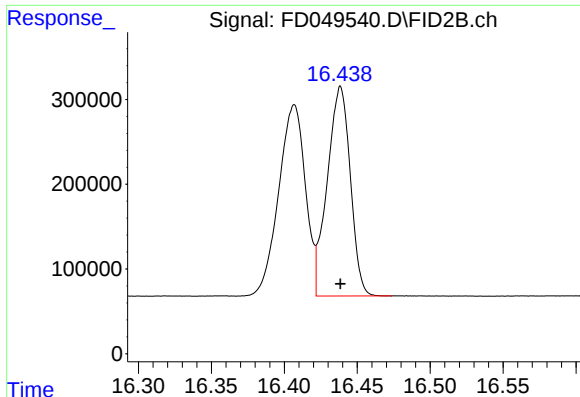
#15 Chrysene (C27.41)

R.T.: 14.899 min
Delta R.T.: 0.000 min
Response: 3025343
Conc: 20.00 ug/ml



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

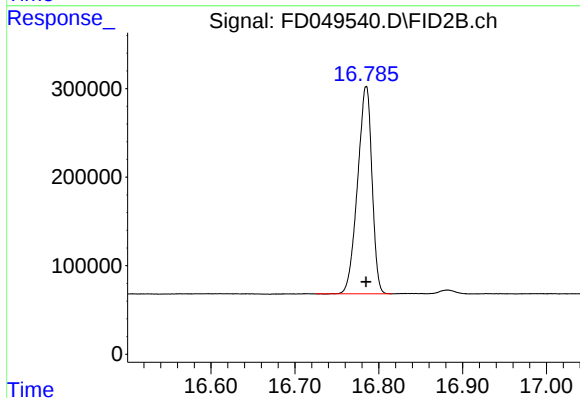
R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 2879515
Conc: 20.00 ug/ml



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

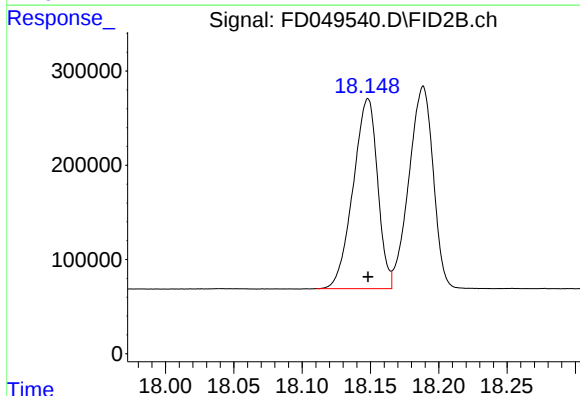
R.T.: 16.439 min
Delta R.T.: 0.000 min
Response: 2717547
Conc: 20.00 ug/ml

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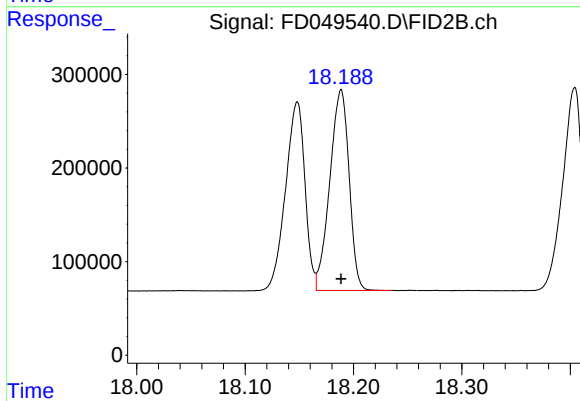
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.785 min
Delta R.T.: 0.000 min
Response: 2798827
Conc: 20.00 ug/ml



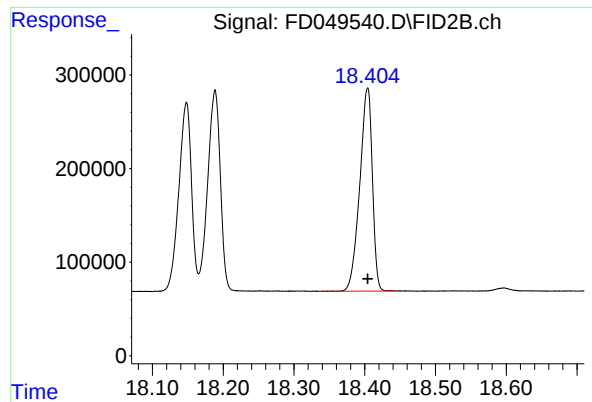
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.000 min
Response: 2513712
Conc: 20.00 ug/ml



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

R.T.: 18.189 min
Delta R.T.: 0.000 min
Response: 2655955
Conc: 20.00 ug/ml



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

R.T.: 18.404 min
Delta R.T.: 0.000 min
Response: 2685089
Conc: 20.00 ug/ml

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