

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121124AR\
 Data File : FD048882.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2024 02:11
 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: Dec 12 04:32:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 2024
 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...	7.362	2946877	17.496 ug/ml
Spiked Amount 50.000		Recovery =	34.99%
6) S 2-Fluorobiphenyl (SURR)	8.213	1839632	17.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.61%
11) S ortho-Terphenyl (SURR)	11.248	3126625	17.599 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	3348445	17.685 ug/ml
2) T Naphthalene (C11.7)	5.702	3450845	18.059 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	3393157	18.363 ug/ml
5) T Acenaphthylene (C15.06)	8.015	3294698	17.653 ug/ml
7) T Acenaphthene (C15.5)	8.309	3320366	17.829 ug/ml
8) T Fluorene (C16.55)	9.088	3164606	17.710 ug/ml
9) T Phenanthrene (C19.36)	10.475	2981999	17.854 ug/ml
10) T Anthracene (C19.43)	10.551	2929989	17.263 ug/ml
12) T Fluoranthene (C21.85)	12.280	2852394	17.426 ug/ml
13) T Pyrene (C20.8)	12.572	2812042	17.290 ug/ml
14) T Benzo[a]anthracene (C...	14.443	2474497	18.731 ug/ml
15) T Chrysene (C27.41)	14.485	2712470	16.802 ug/ml
16) T benzo[b]fluoranthene ...	15.991	2570516	19.093 ug/ml
17) T Bnezo[k]fluoranthene ...	16.023	2515714	16.516 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	2562858	18.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	2249523	21.108 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	2822056	19.459 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	2719035	19.393 ug/ml

(f)=RT Delta > 1/2 Window

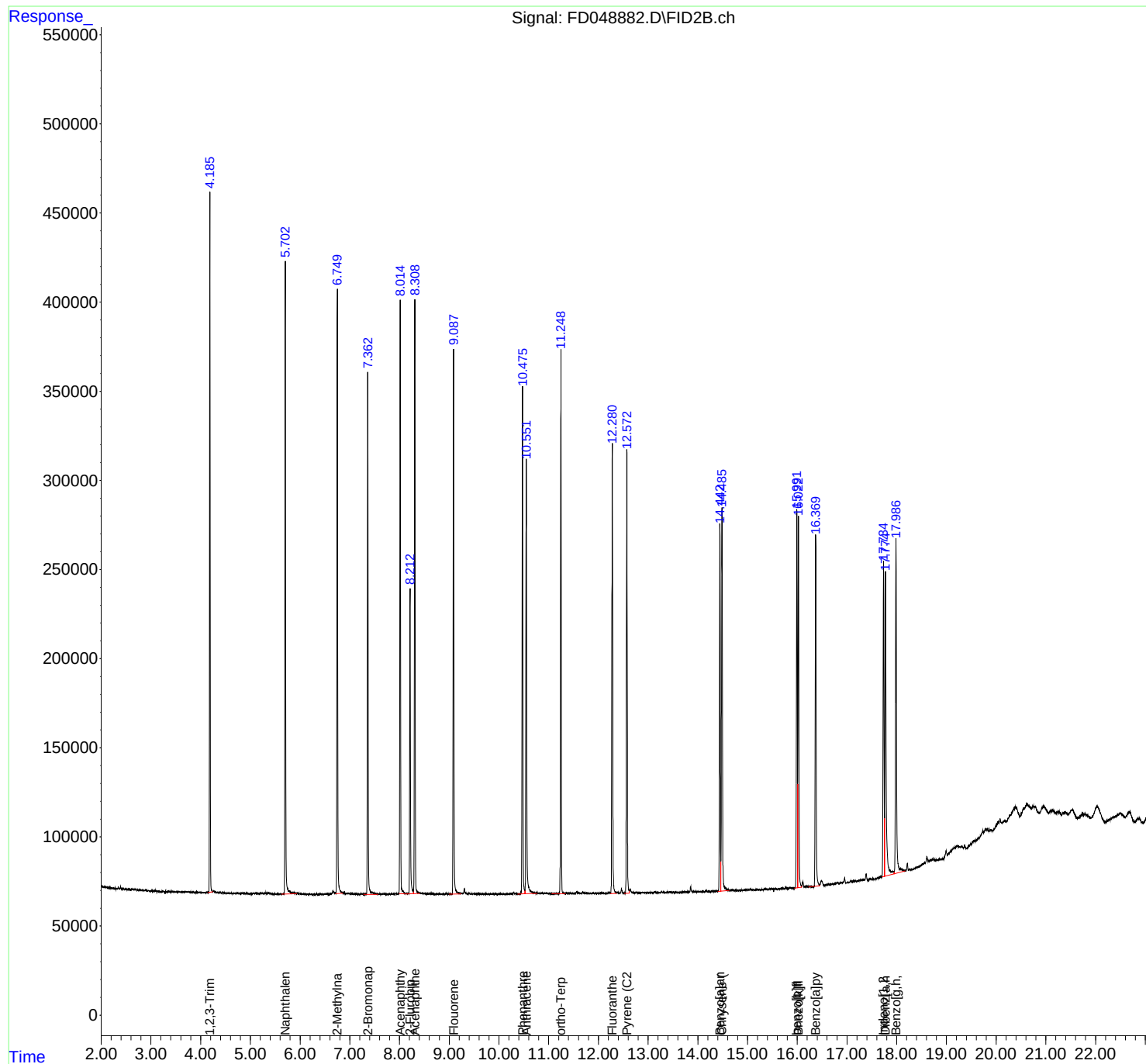
(m)=manual int.

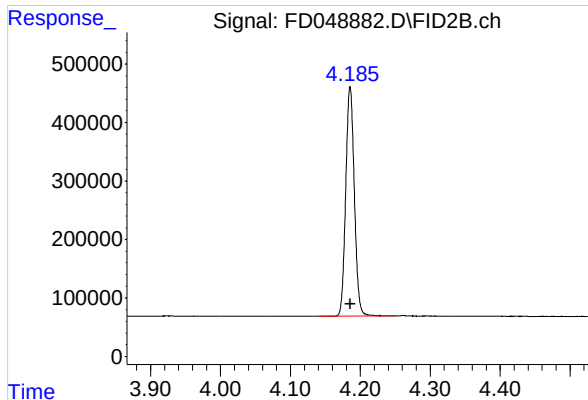
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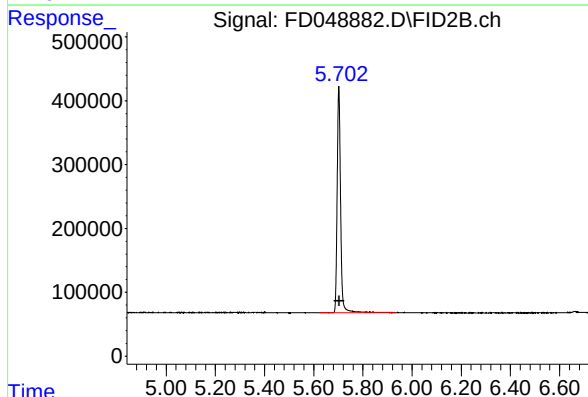




#1 1,2,3-Trimethylbenzene (C10.1)

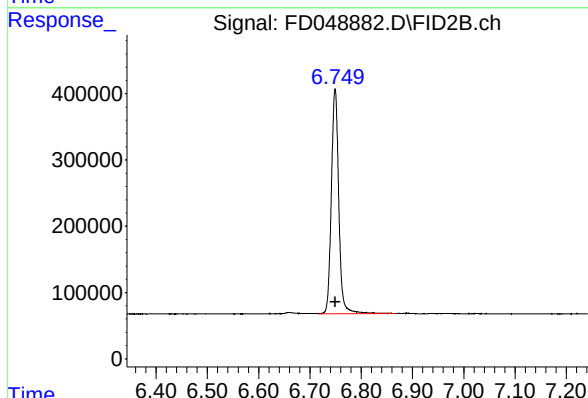
R.T.: 4.185 min
Delta R.T.: 0.000 min
Response: 3348445
Conc: 17.69 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



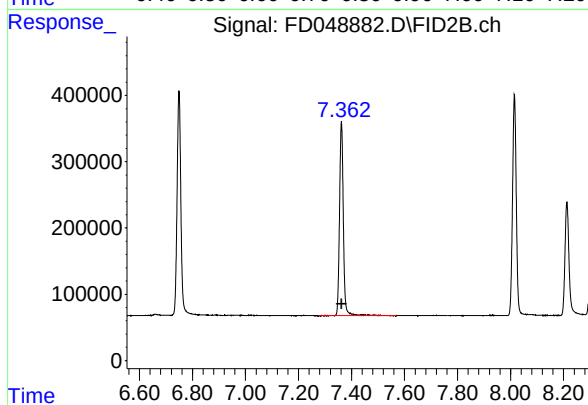
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 3450845
Conc: 18.06 ug/ml



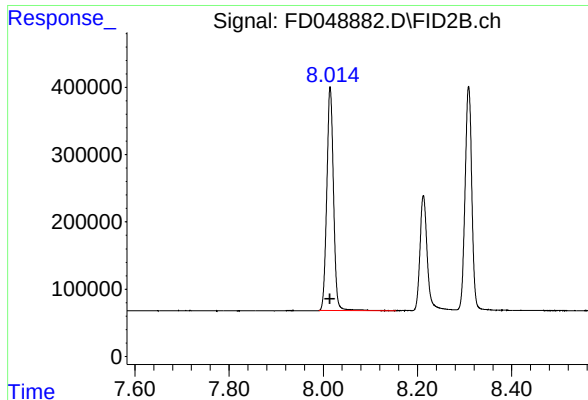
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 3393157
Conc: 18.36 ug/ml



#4 2-Bromonaphthalene (SURR)

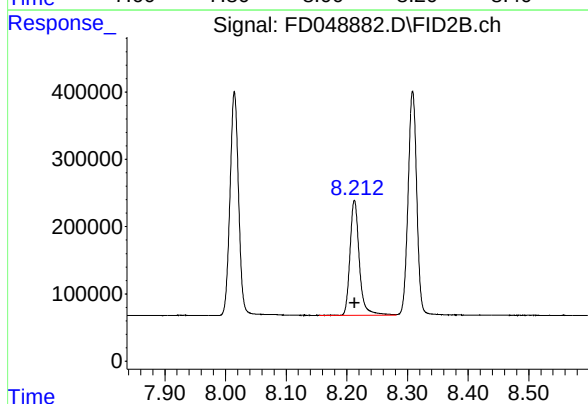
R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 2946877
Conc: 17.50 ug/ml



#5 Acenaphthylene (C15.06)

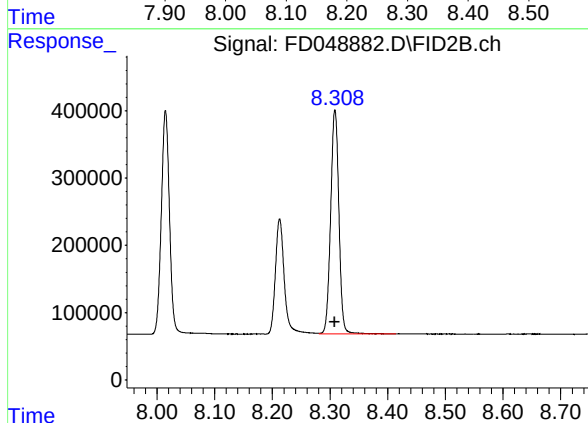
R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3294698
Conc: 17.65 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



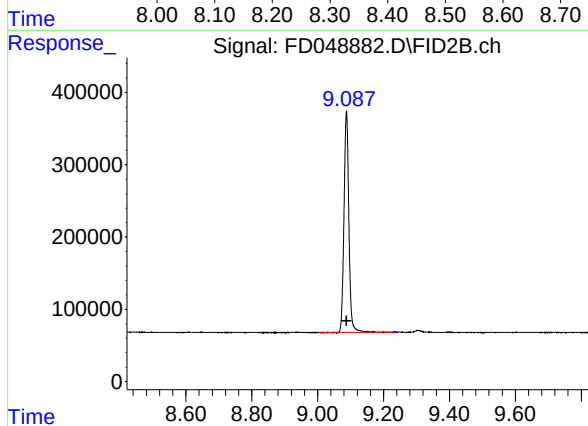
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 1839632
Conc: 17.81 ug/ml



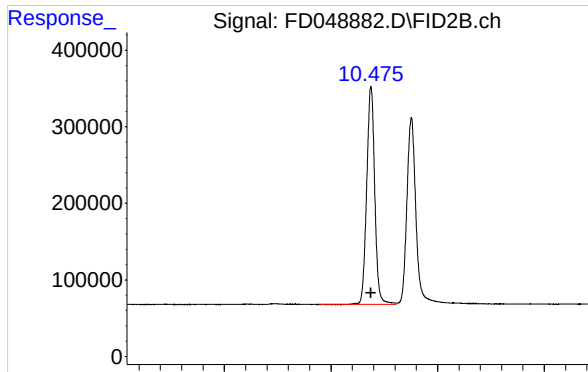
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 3320366
Conc: 17.83 ug/ml



#8 Flouorene (C16.55)

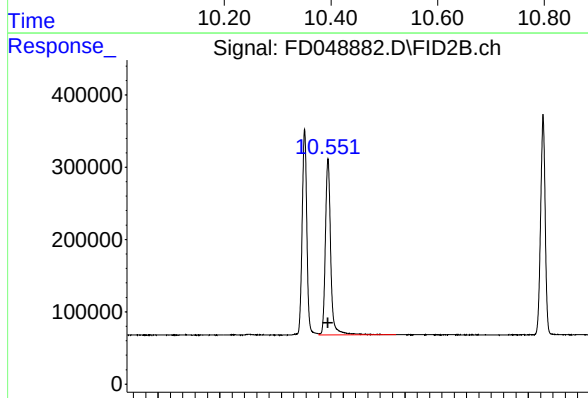
R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 3164606
Conc: 17.71 ug/ml



#9 Phenanthrene (C19.36)

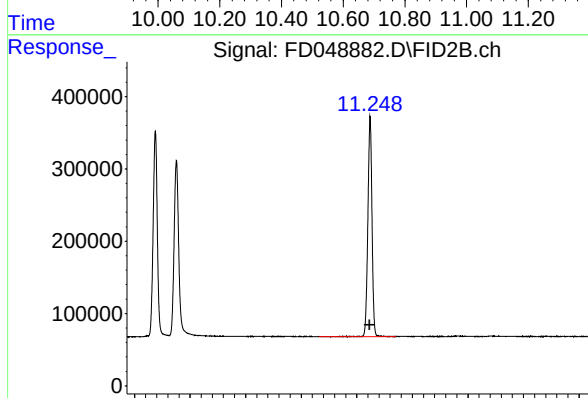
R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 2981999
Conc: 17.85 ug/ml

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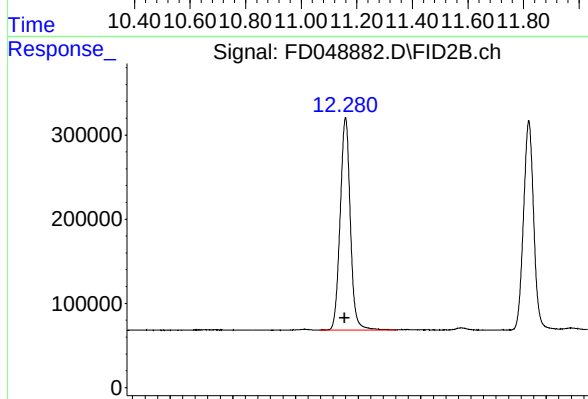
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 2929989
Conc: 17.26 ug/ml



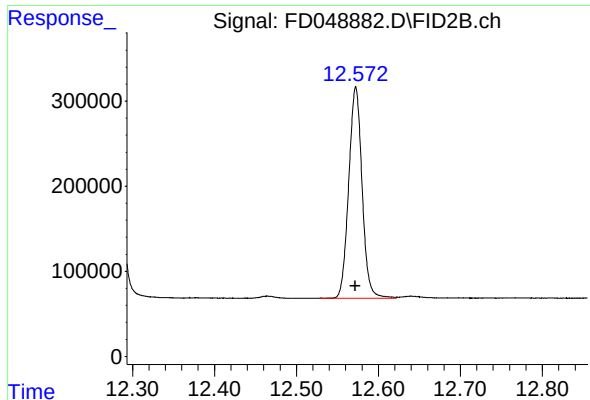
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.001 min
Response: 3126625
Conc: 17.60 ug/ml



#12 Fluoranthene (C21.85)

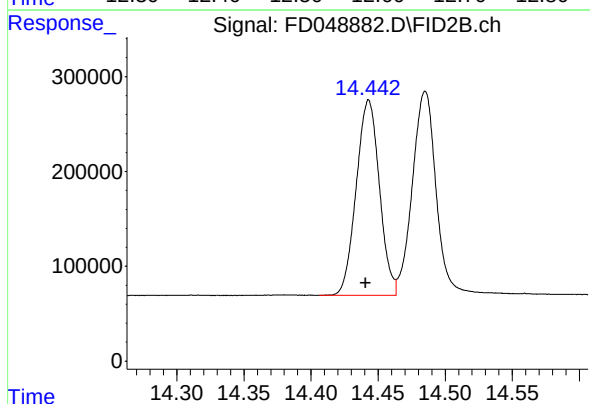
R.T.: 12.280 min
Delta R.T.: 0.001 min
Response: 2852394
Conc: 17.43 ug/ml



#13 Pyrene (C20.8)

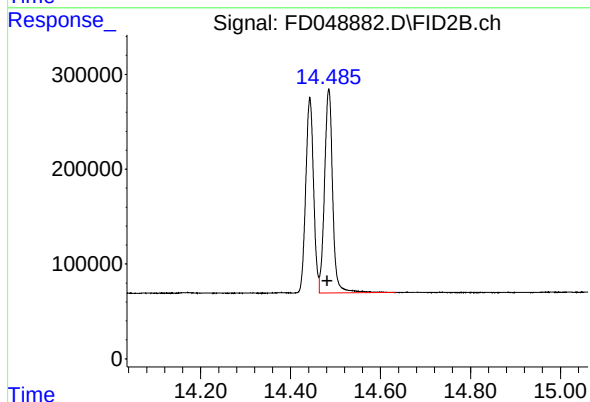
R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2812042
Conc: 17.29 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



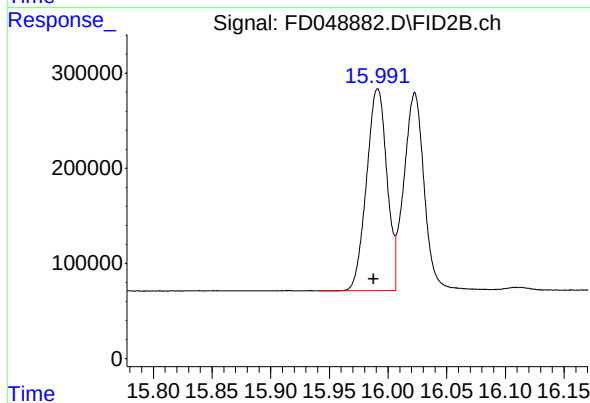
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: 0.002 min
Response: 2474497
Conc: 18.73 ug/ml



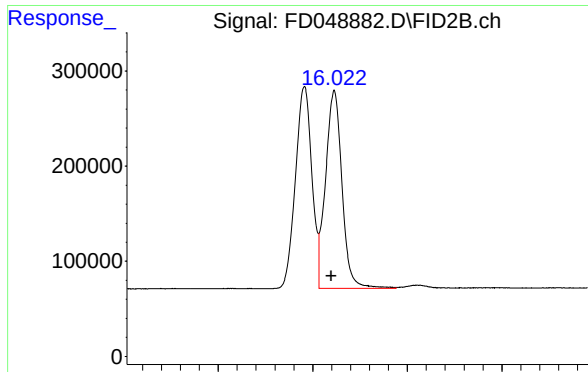
#15 Chrysene (C27.41)

R.T.: 14.485 min
Delta R.T.: 0.003 min
Response: 2712470
Conc: 16.80 ug/ml



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

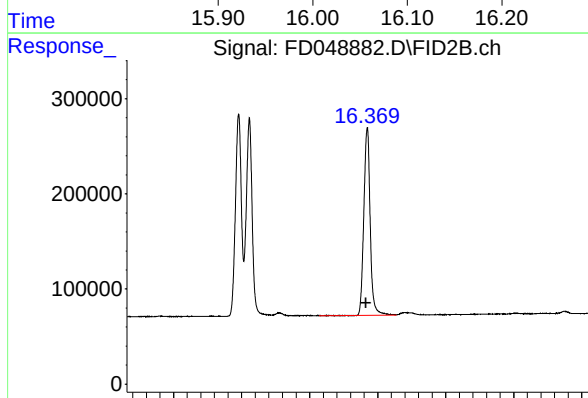
R.T.: 15.991 min
Delta R.T.: 0.003 min
Response: 2570516
Conc: 19.09 ug/ml



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

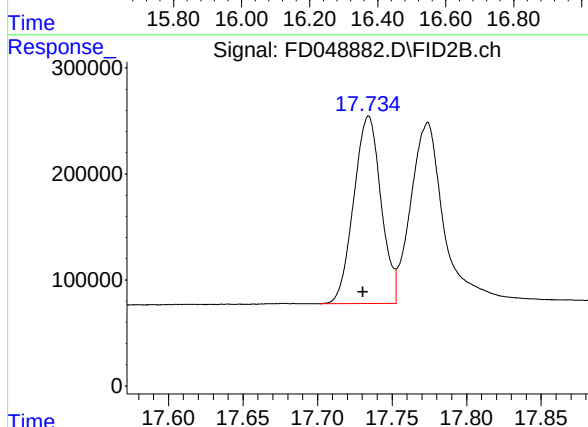
R.T.: 16.023 min
Delta R.T.: 0.003 min
Response: 2515714
Conc: 16.52 ug/ml

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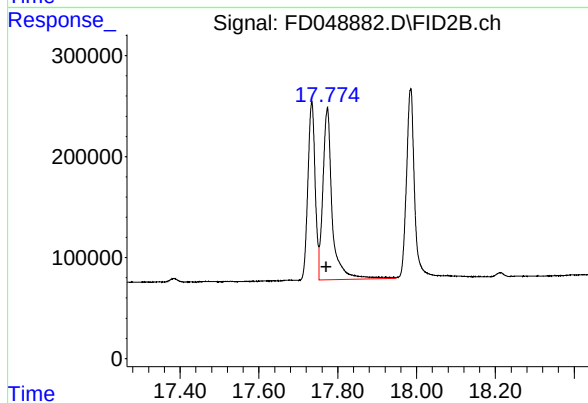
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: 0.003 min
Response: 2562858
Conc: 18.53 ug/ml



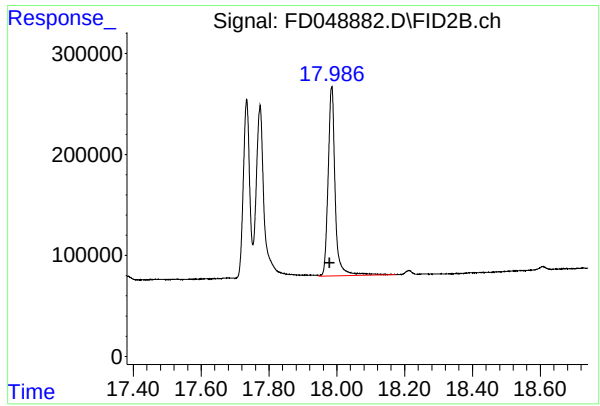
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.003 min
Response: 2249523
Conc: 21.11 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.002 min
Response: 2822056
Conc: 19.46 ug/ml



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

R.T.: 17.985 min
Delta R.T.: 0.006 min
Response: 2719035
Conc: 19.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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