

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040925AR\
 Data File : FD049259.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 17:16
 Operator : YP/AJ
 Sample : PB167524BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167524BS

Integration File: autoint1.e
 Quant Time: Apr 10 02:08:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.751	6325577	42.702 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
6) S 2-Fluorobiphenyl (SURR)	8.617	3899282	38.227 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.45%
11) S ortho-Terphenyl (SURR)	11.659	6555588	37.209 ug/ml
Spiked Amount 50.000		Recovery =	74.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	3900743	26.031 ug/ml
2) T Naphthalene (C11.7)	6.086	4617966	28.204 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	4545577	28.102 ug/ml
5) T Acenaphthylene (C15.06)	8.420	5524901	31.278 ug/ml
7) T Acenaphthene (C15.5)	8.716	5568224	32.320 ug/ml
8) T Fluorene (C16.55)	9.497	6060979	34.757 ug/ml
9) T Phenanthrene (C19.36)	10.896	6531297	38.058 ug/ml
10) T Anthracene (C19.43)	10.971	6278500	39.966 ug/ml
12) T Fluoranthene (C21.85)	12.710	6897734	40.808 ug/ml
13) T Pyrene (C20.8)	13.008	6777341	40.410 ug/ml
14) T Benzo[a]anthracene (C...	14.877	6384772	44.417 ug/ml
15) T Chrysene (C27.41)	14.923	6910808	47.894 ug/ml
16) T benzo[b]fluoranthene ...	16.429	6243606	44.879 ug/ml
17) T Bnezo[k]fluoranthene ...	16.464	6170511	45.117 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.809	5727228	44.044 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.176	6131889	49.741 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	5666848	44.816 ug/ml
21) T Benzo[g,h,i]perylene ...	18.433	5800633	44.433 ug/ml

(f)=RT Delta > 1/2 Window

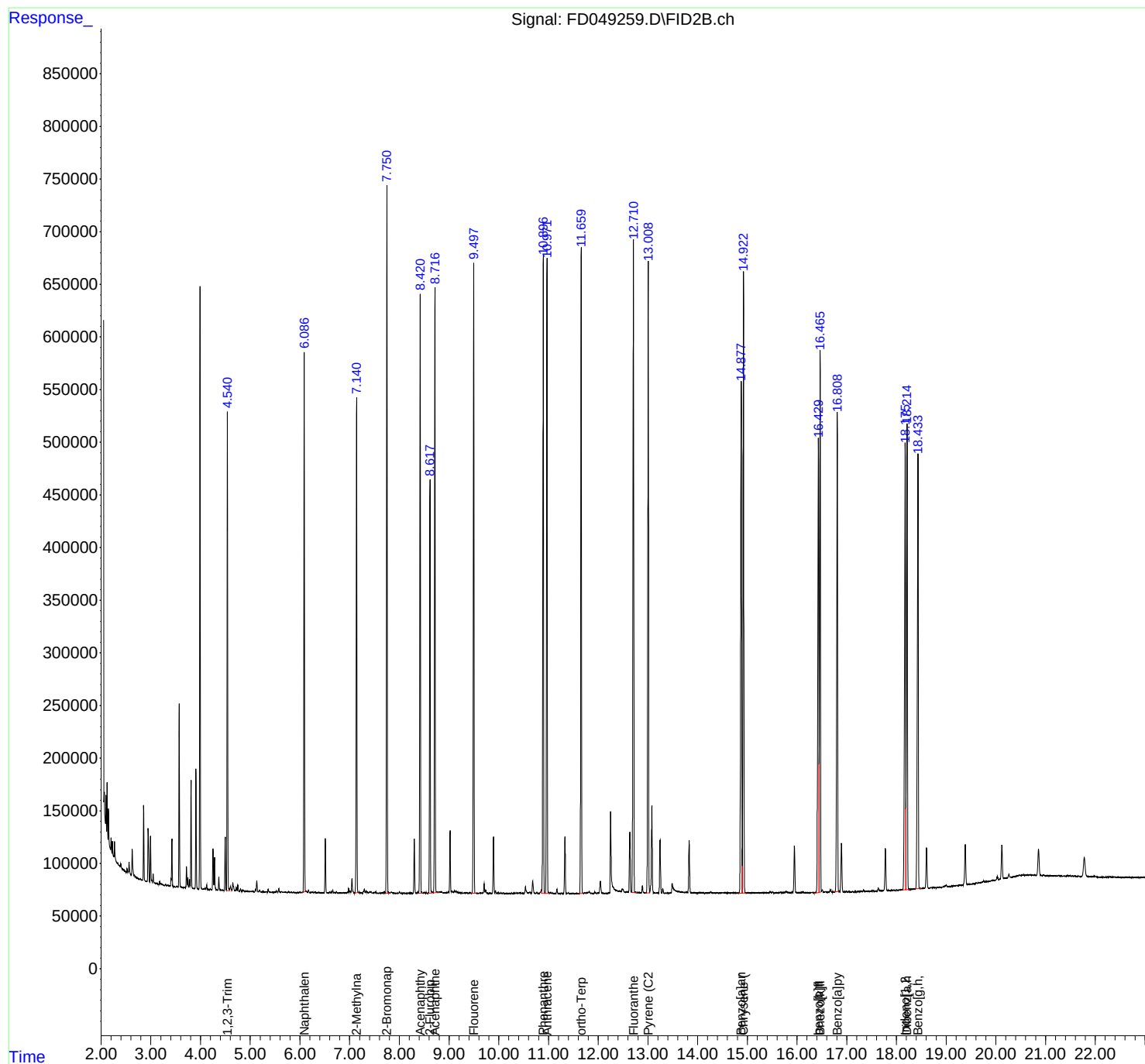
(m)=manual int.

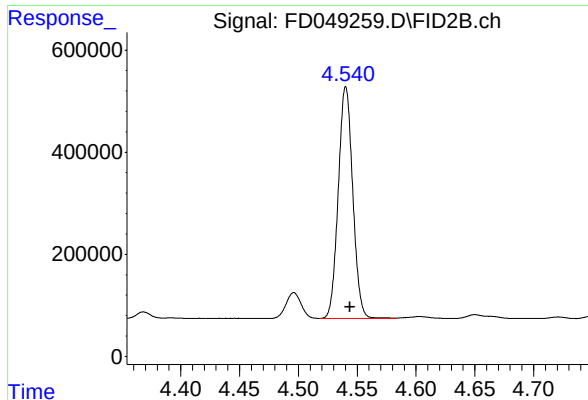
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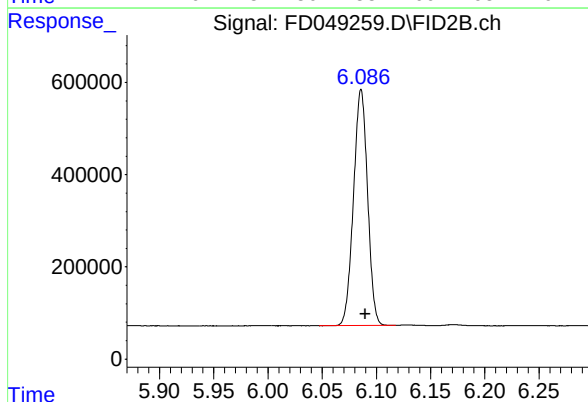




#1 1,2,3-Trimethylbenzene (C10.1)

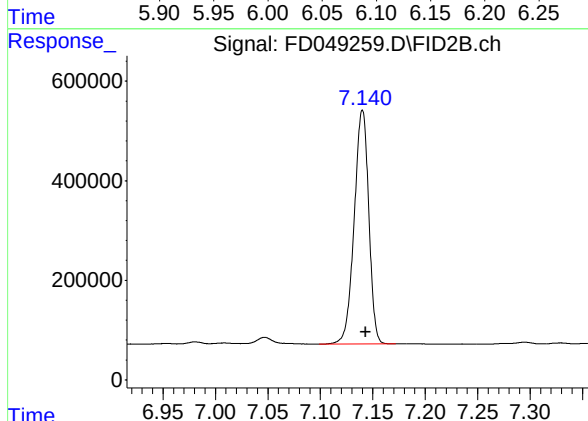
R.T.: 4.540 min
Delta R.T.: -0.004 min
Response: 3900743
Conc: 26.03 ug/ml

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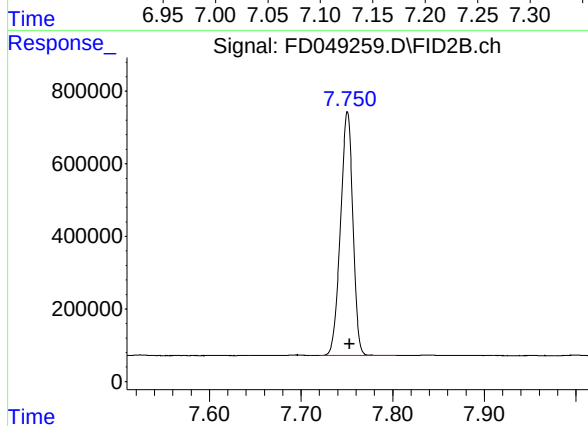
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 4617966
Conc: 28.20 ug/ml



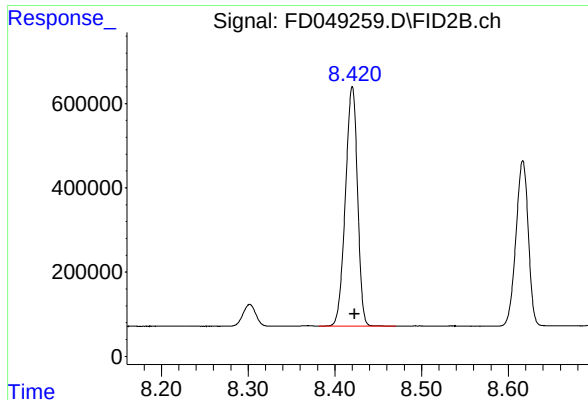
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 4545577
Conc: 28.10 ug/ml



#4 2-Bromonaphthalene (SURR)

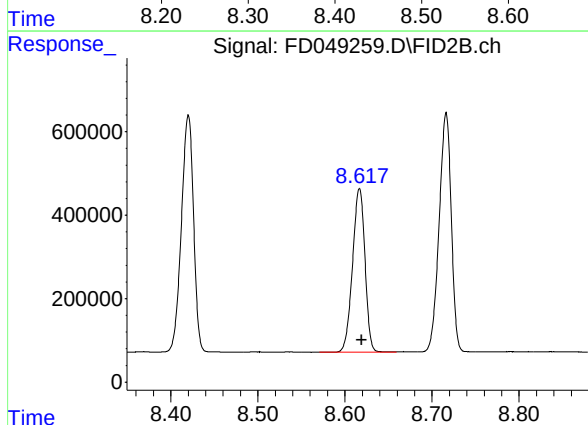
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 6325577
Conc: 42.70 ug/ml



#5 Acenaphthylene (C15.06)

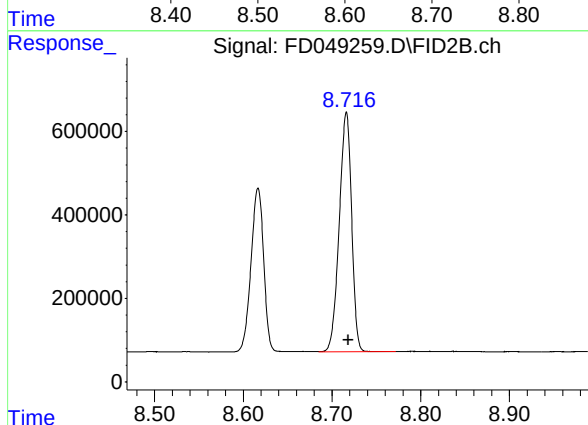
R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 5524901
Conc: 31.28 ug/ml

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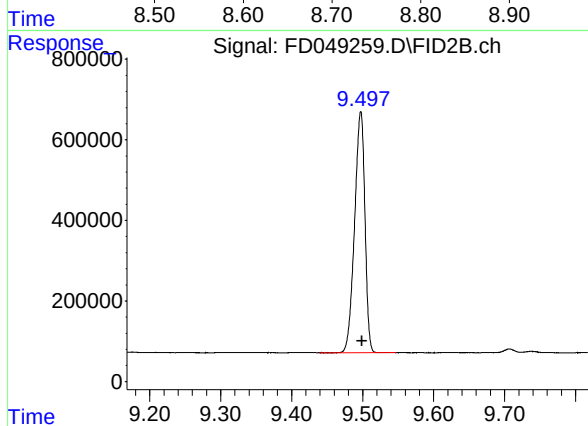
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 3899282
Conc: 38.23 ug/ml



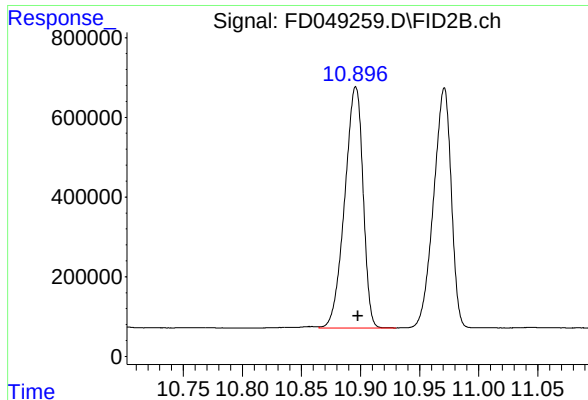
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 5568224
Conc: 32.32 ug/ml



#8 Flouorene (C16.55)

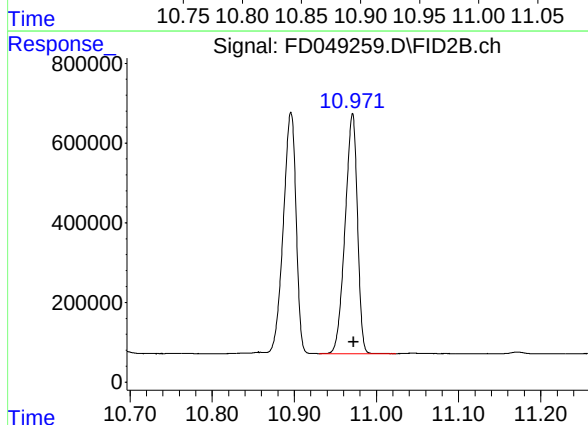
R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 6060979
Conc: 34.76 ug/ml



#9 Phenanthrene (C19.36)

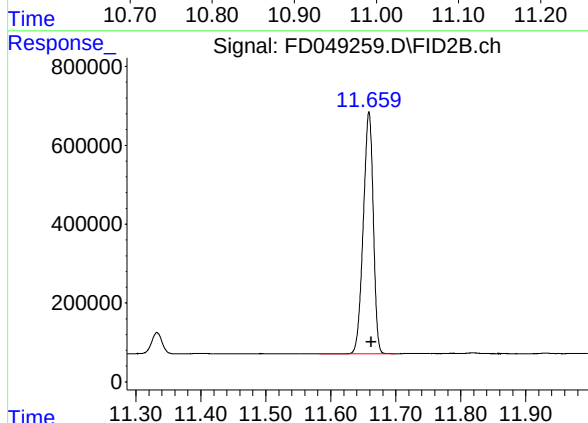
R.T.: 10.896 min
Delta R.T.: -0.002 min
Response: 6531297
Conc: 38.06 ug/ml

Instrument :
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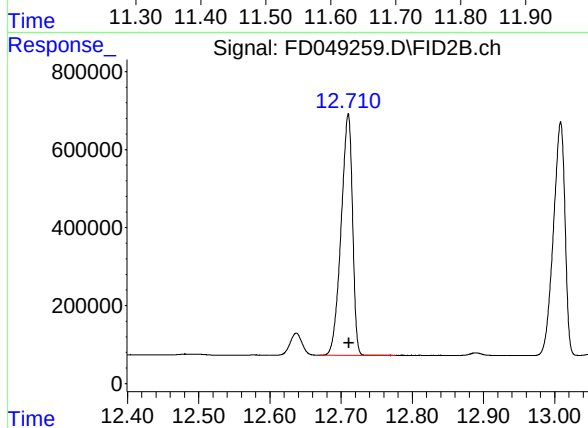
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.001 min
Response: 6278500
Conc: 39.97 ug/ml



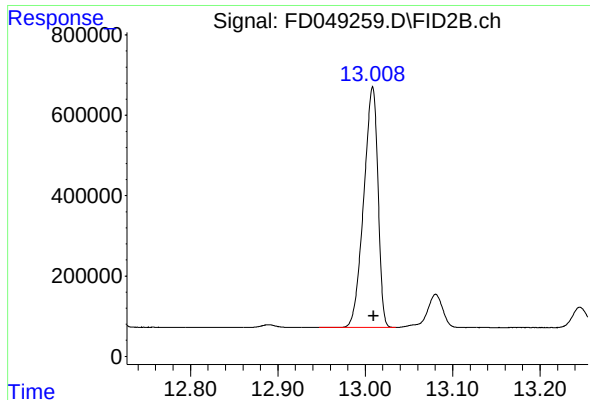
#11 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 6555588
Conc: 37.21 ug/ml



#12 Fluoranthene (C21.85)

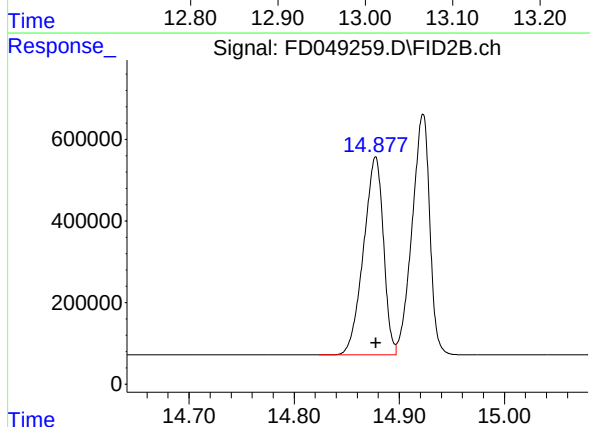
R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 6897734
Conc: 40.81 ug/ml



#13 Pyrene (C20.8)

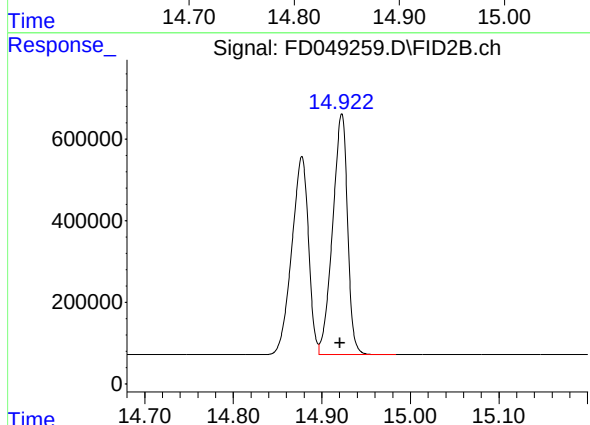
R.T.: 13.008 min
Delta R.T.: 0.000 min
Response: 6777341
Conc: 40.41 ug/ml

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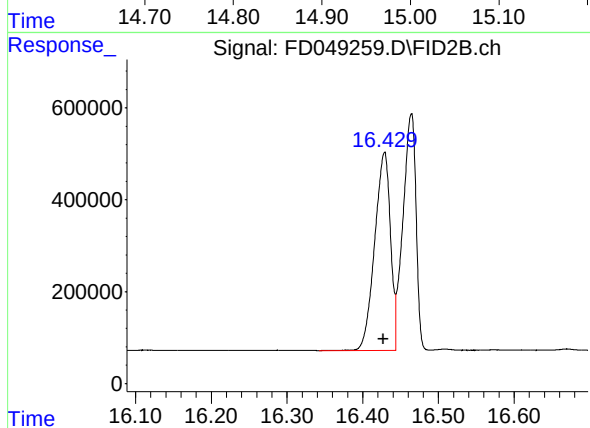
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: 0.000 min
Response: 6384772
Conc: 44.42 ug/ml



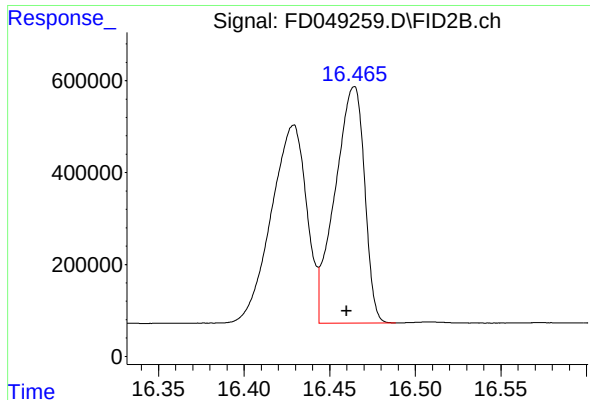
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: 0.002 min
Response: 6910808
Conc: 47.89 ug/ml



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

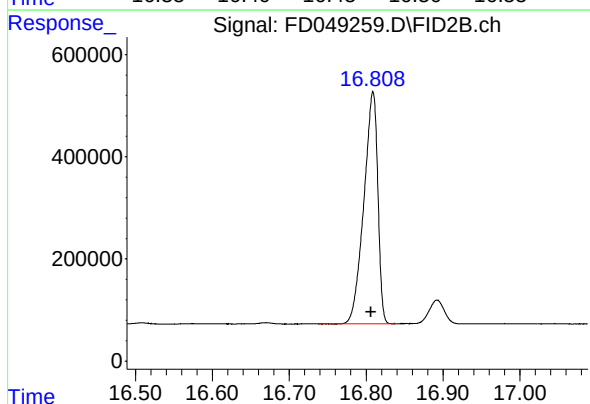
R.T.: 16.429 min
Delta R.T.: 0.001 min
Response: 6243606
Conc: 44.88 ug/ml



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

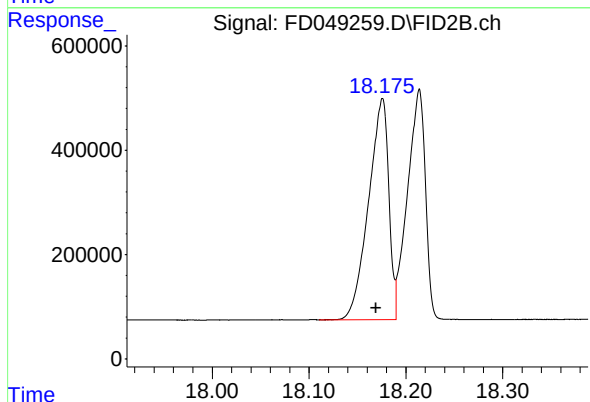
R.T.: 16.464 min
Delta R.T.: 0.004 min
Response: 6170511
Conc: 45.12 ug/ml

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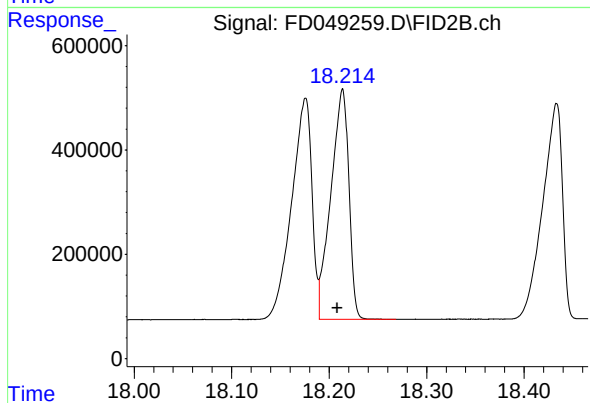
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.809 min
Delta R.T.: 0.003 min
Response: 5727228
Conc: 44.04 ug/ml



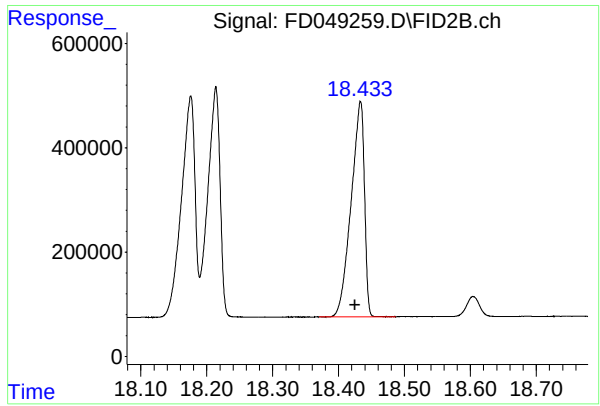
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.176 min
Delta R.T.: 0.006 min
Response: 6131889
Conc: 49.74 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.005 min
Response: 5666848
Conc: 44.82 ug/ml



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

R.T.: 18.433 min
Delta R.T.: 0.008 min
Response: 5800633
Conc: 44.43 ug/ml

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