

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052025AR\
 Data File : FD049358.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2025 20:42
 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: sample.E
 Quant Time: May 21 03:16:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.737	2474265	20.868 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
6) S 2-Fluorobiphenyl (SURR)	8.603	1685011	21.337 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.67%
11) S ortho-Terphenyl (SURR)	11.648	3002021	21.751 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.528	2437933	19.526 ug/ml
2) T Naphthalene (C11.7)	6.073	2635516	19.935 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	2663811	20.649 ug/ml
5) T Acenaphthylene (C15.06)	8.406	2865839	20.301 ug/ml
7) T Acenaphthene (C15.5)	8.702	2839142	20.722 ug/ml
8) T Fluorene (C16.55)	9.484	2902281	21.322 ug/ml
9) T Phenanthrene (C19.36)	10.882	2840547	21.069 ug/ml
10) T Anthracene (C19.43)	10.955	2201707	18.616 ug/ml
12) T Fluoranthene (C21.85)	12.695	2771265	20.564 ug/ml
13) T Pyrene (C20.8)	12.994	2731967	20.196 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2286792	19.964 ug/ml
15) T Chrysene (C27.41)	14.907	2342568	20.071 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2305740	18.995 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2246078	18.833 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2088242	18.161 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2025058	18.453 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2379339	22.528 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2162368	18.145 ug/ml

(f)=RT Delta > 1/2 Window

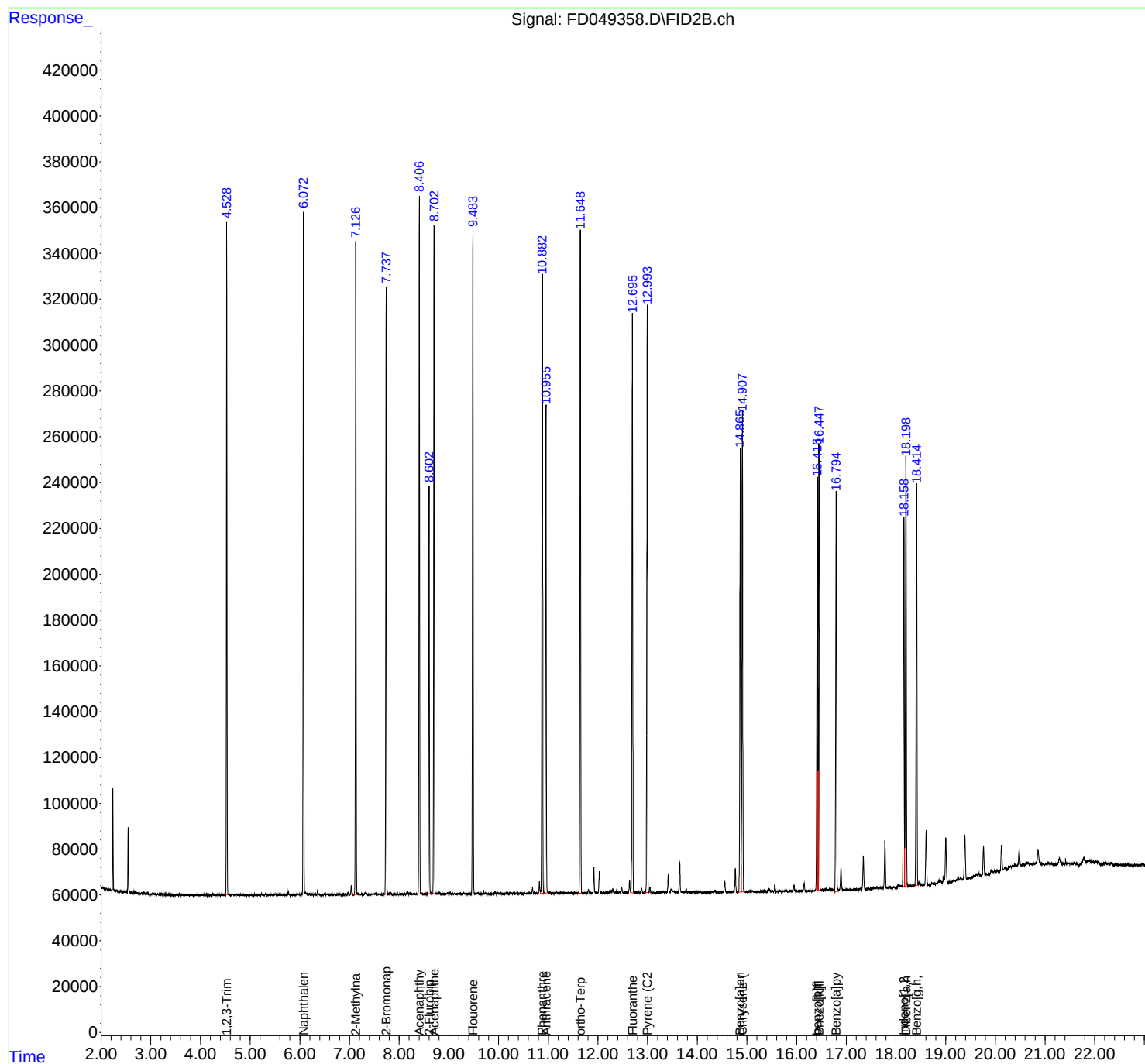
(m)=manual int.

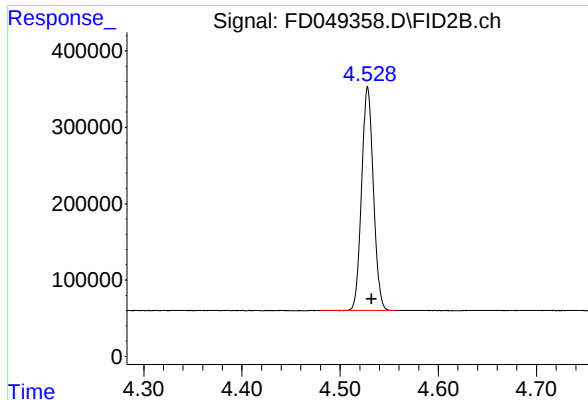
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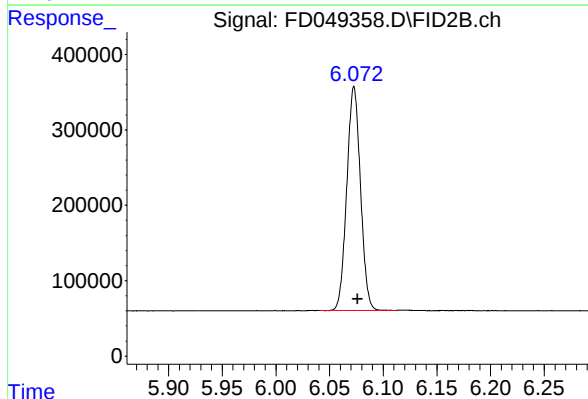




#1 1,2,3-Trimethylbenzene (C10.1)

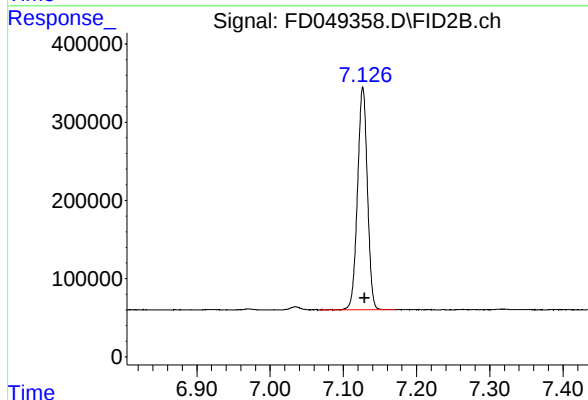
R.T.: 4.528 min
Delta R.T.: -0.004 min
Response: 2437933
Conc: 19.53 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



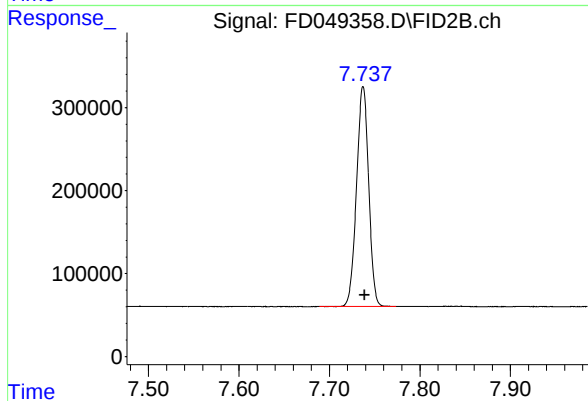
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 2635516
Conc: 19.93 ug/ml



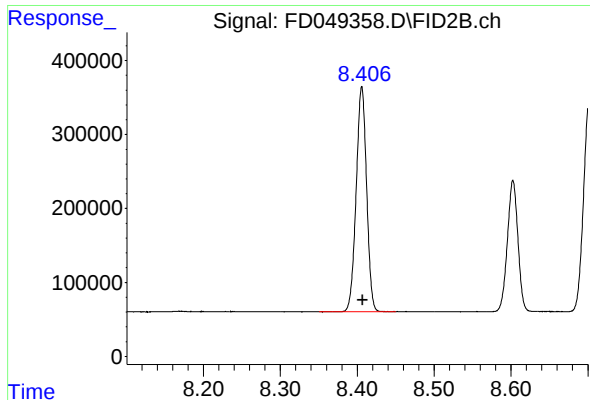
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.002 min
Response: 2663811
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

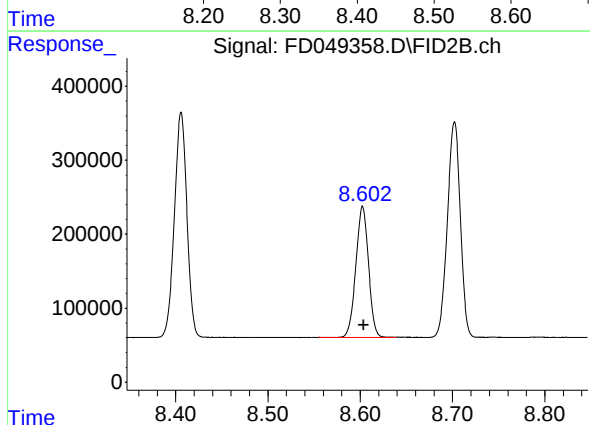
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 2474265
Conc: 20.87 ug/ml



#5 Acenaphthylene (C15.06)

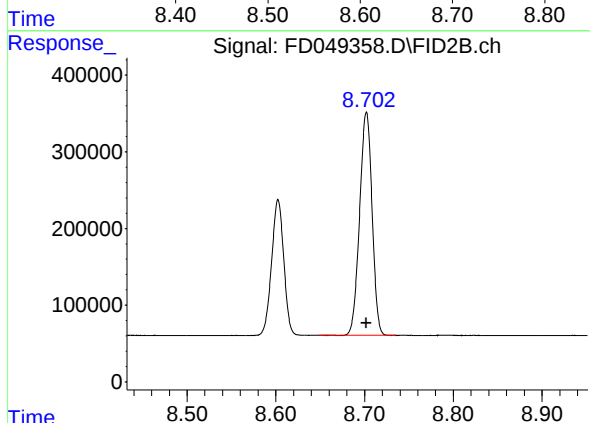
R.T.: 8.406 min
Delta R.T.: -0.001 min
Response: 2865839
Conc: 20.30 ug/ml

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20 PPM AROMATIC HC STD



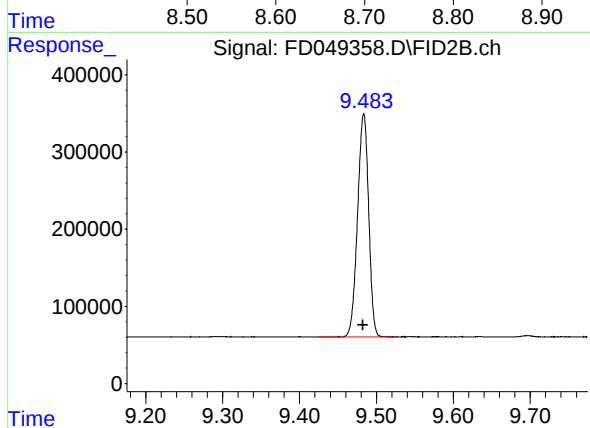
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.603 min
Delta R.T.: -0.001 min
Response: 1685011
Conc: 21.34 ug/ml



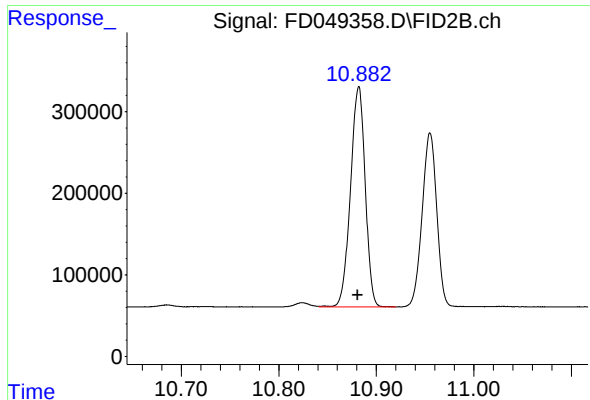
#7 Acenaphthene (C15.5)

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 2839142
Conc: 20.72 ug/ml



#8 Fluorene (C16.55)

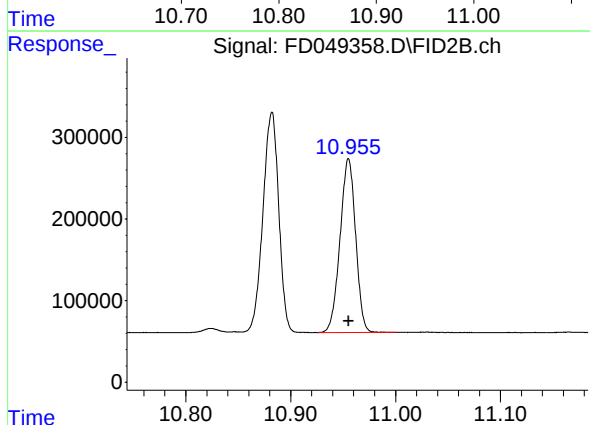
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 2902281
Conc: 21.32 ug/ml



#9 Phenanthrene (C19.36)

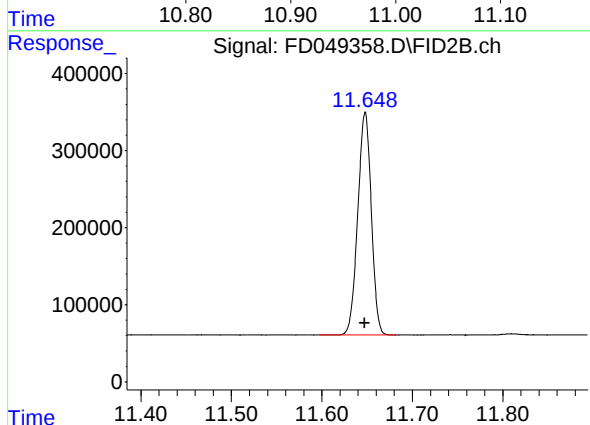
R.T.: 10.882 min
Delta R.T.: 0.001 min
Response: 2840547
Conc: 21.07 ug/ml

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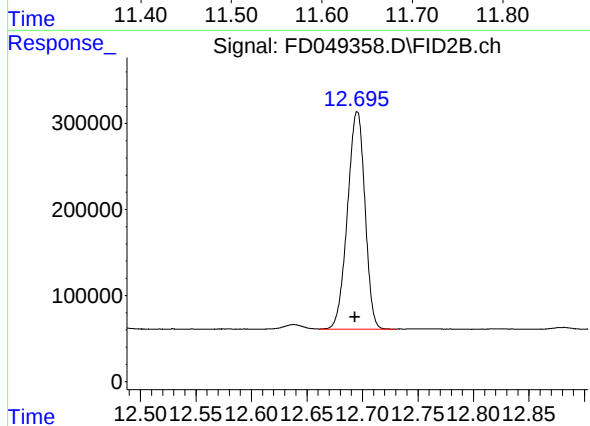
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: 0.000 min
Response: 2201707
Conc: 18.62 ug/ml



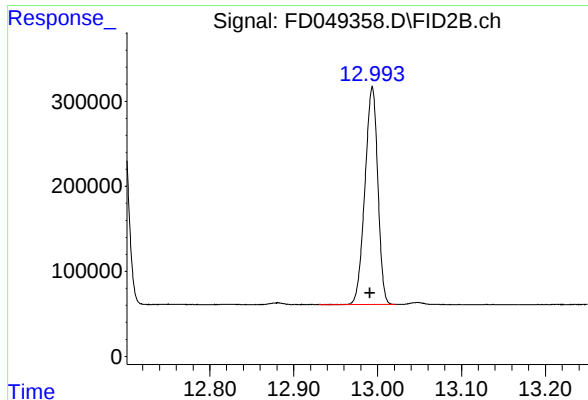
#11 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 3002021
Conc: 21.75 ug/ml



#12 Fluoranthene (C21.85)

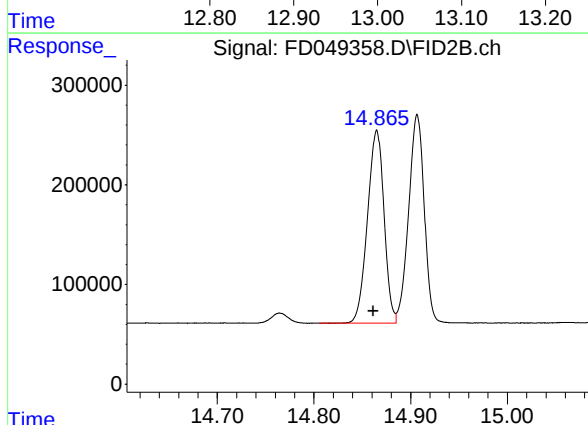
R.T.: 12.695 min
Delta R.T.: 0.002 min
Response: 2771265
Conc: 20.56 ug/ml



#13 Pyrene (C20.8)

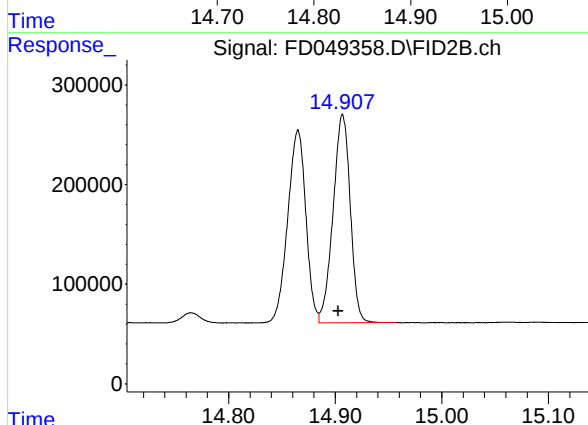
R.T.: 12.994 min
Delta R.T.: 0.003 min
Response: 2731967
Conc: 20.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



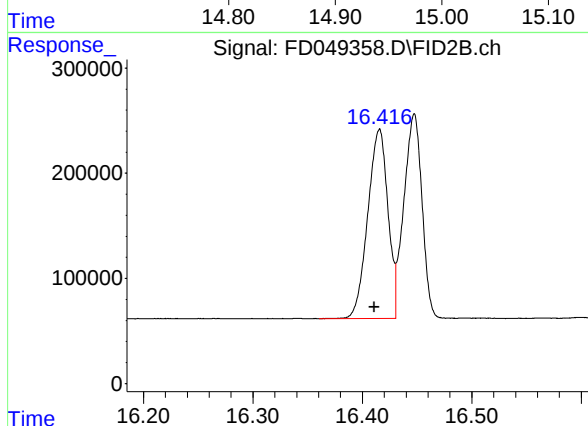
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.004 min
Response: 2286792
Conc: 19.96 ug/ml



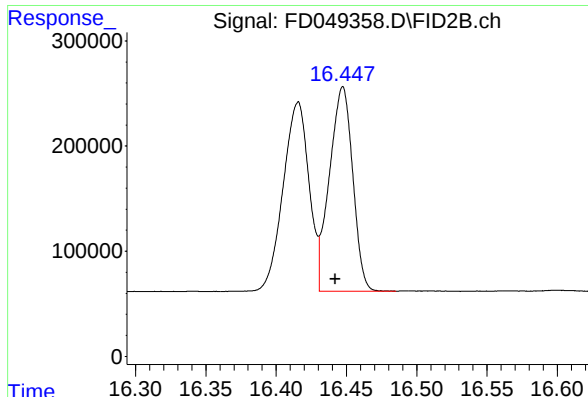
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: 0.004 min
Response: 2342568
Conc: 20.07 ug/ml



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

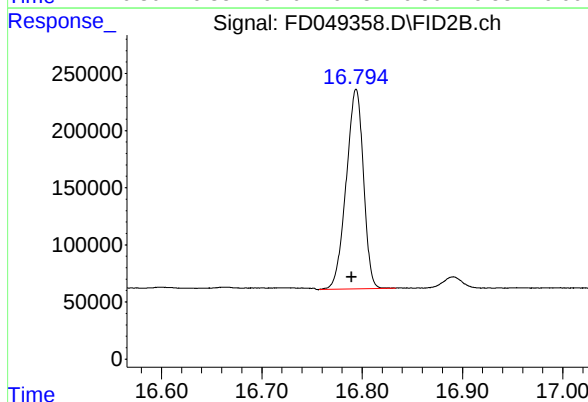
R.T.: 16.416 min
Delta R.T.: 0.004 min
Response: 2305740
Conc: 19.00 ug/ml



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

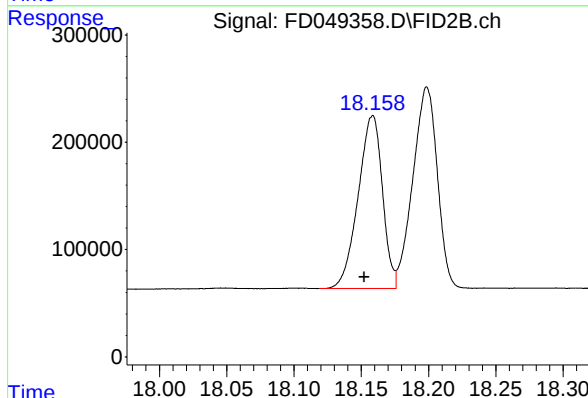
R.T.: 16.447 min
Delta R.T.: 0.005 min
Response: 2246078
Conc: 18.83 ug/ml

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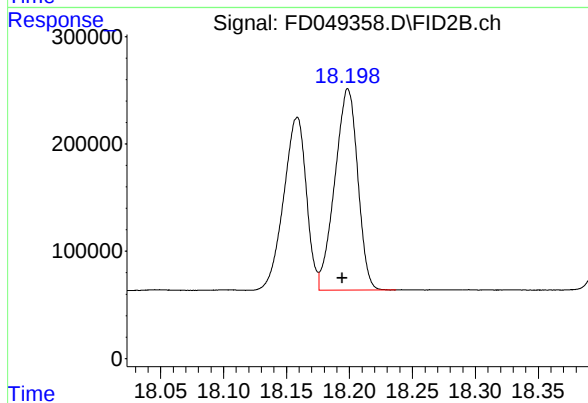
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.004 min
Response: 2088242
Conc: 18.16 ug/ml



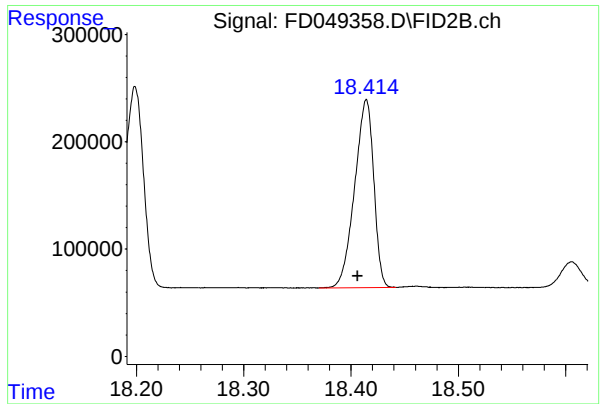
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.006 min
Response: 2025058
Conc: 18.45 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.004 min
Response: 2379339
Conc: 22.53 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.008 min
Response: 2162368
Conc: 18.15 ug/ml

Instrument :

FID_D

ClientSampleId :

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