

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051425AR\
 Data File : FD049337.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2025 11:41
 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: May 14 12:18:59 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

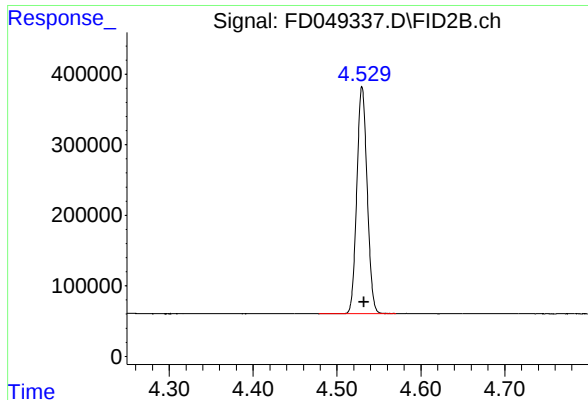
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.738	2806910	23.673 ug/ml
Spiked Amount 50.000		Recovery =	47.35%
6) S 2-Fluorobiphenyl (SURR)	8.604	1860800	23.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.13%
11) S ortho-Terphenyl (SURR)	11.649	3444197	24.954 ug/ml
Spiked Amount 50.000		Recovery =	49.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	2748911	22.016 ug/ml
2) T Naphthalene (C11.7)	6.075	2963132	22.413 ug/ml
3) T 2-Methylnaphthalene (...)	7.128	3001032	23.263 ug/ml
5) T Acenaphthylene (C15.06)	8.407	3297628	23.360 ug/ml
7) T Acenaphthene (C15.5)	8.703	3257952	23.778 ug/ml
8) T Fluorene (C16.55)	9.484	3266084	23.995 ug/ml
9) T Phenanthrene (C19.36)	10.883	3120649	23.146 ug/ml
10) T Anthracene (C19.43)	10.957	2520144	21.309 ug/ml
12) T Fluoranthene (C21.85)	12.696	3073622	22.807 ug/ml
13) T Pyrene (C20.8)	12.995	3040812	22.479 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2443727	21.334 ug/ml
15) T Chrysene (C27.41)	14.908	2513934	21.539 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2493758	20.544 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	2421017	20.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	2234193	19.430 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	2071865	18.879 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	2216553	20.987 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2263815	18.997 ug/ml

(f)=RT Delta > 1/2 Window

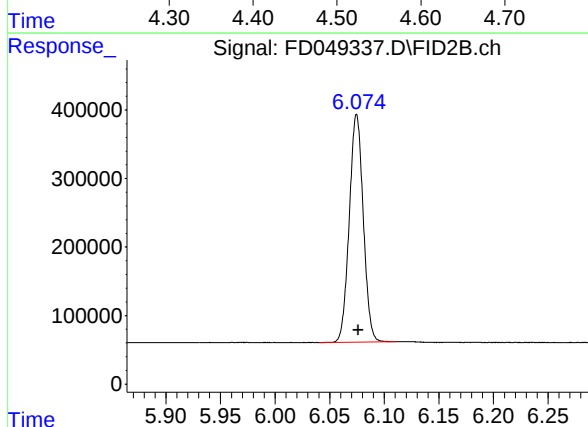
(m)=manual int.



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

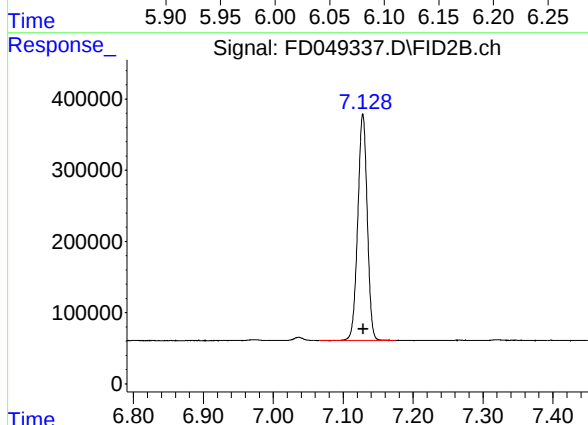
R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 2748911
Conc: 22.02 ug/ml

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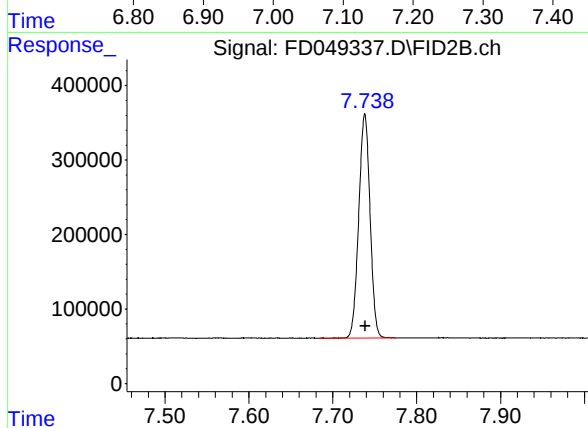
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 2963132
Conc: 22.41 ug/ml



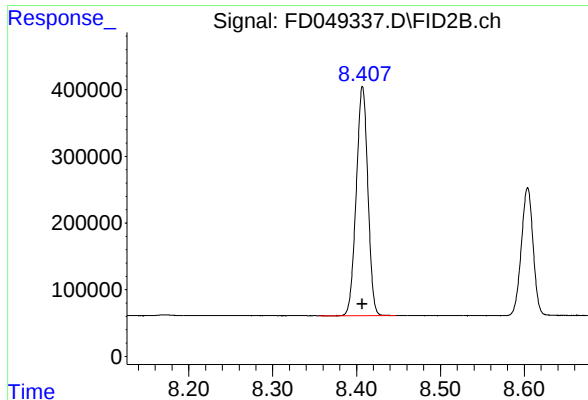
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 3001032
Conc: 23.26 ug/ml



#4 2-Bromonaphthalene (SURR)

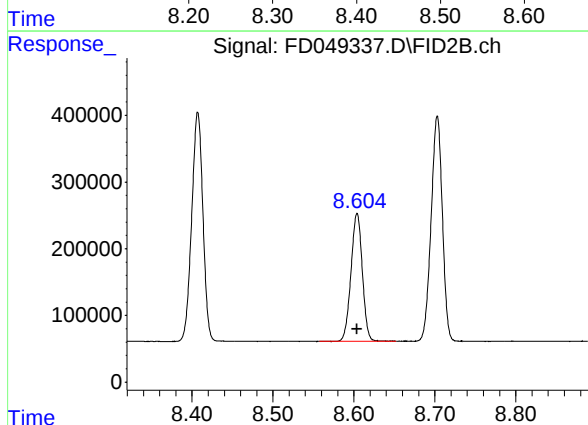
R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 2806910
Conc: 23.67 ug/ml



#5 Acenaphthylene (C15.06)

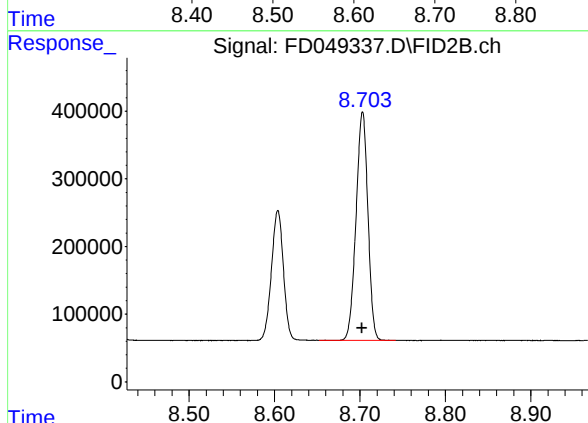
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 3297628
Conc: 23.36 ug/ml

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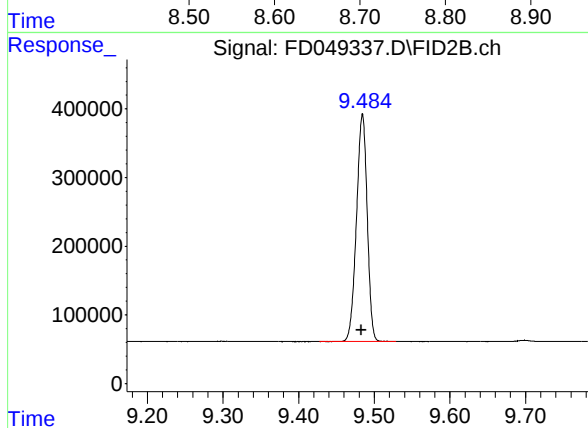
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 1860800
Conc: 23.56 ug/ml



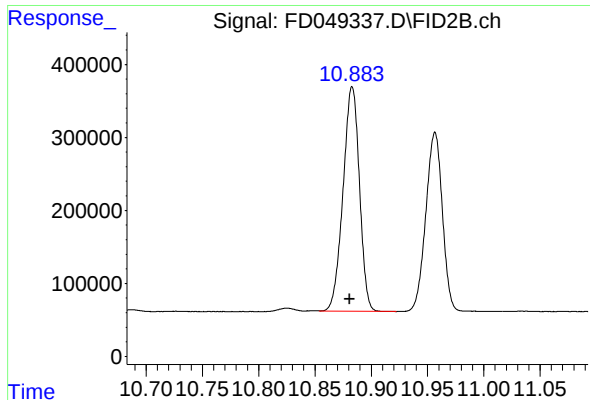
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 3257952
Conc: 23.78 ug/ml



#8 Flouorene (C16.55)

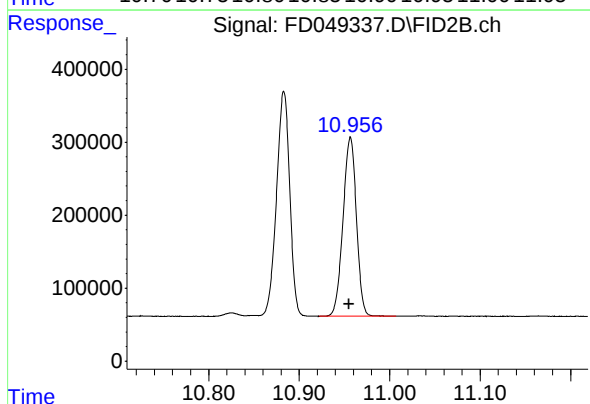
R.T.: 9.484 min
Delta R.T.: 0.002 min
Response: 3266084
Conc: 23.99 ug/ml



#9 Phenanthrene (C19.36)

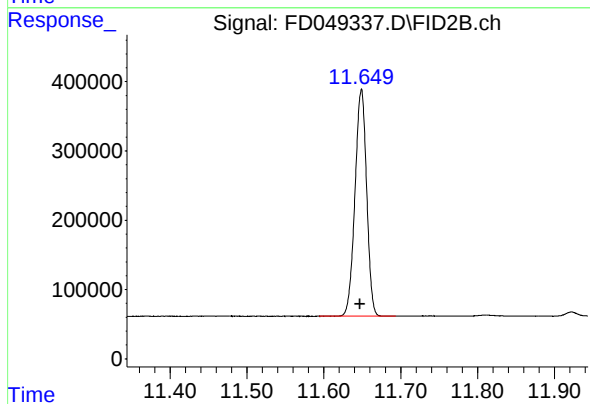
R.T.: 10.883 min
Delta R.T.: 0.002 min
Response: 3120649
Conc: 23.15 ug/ml

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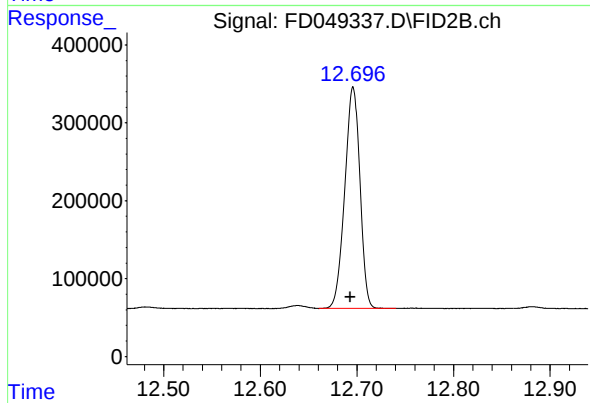
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.002 min
Response: 2520144
Conc: 21.31 ug/ml



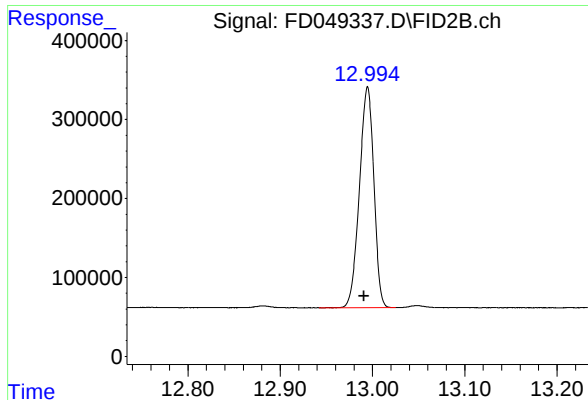
#11 ortho-Terphenyl (SURRE)

R.T.: 11.649 min
Delta R.T.: 0.002 min
Response: 3444197
Conc: 24.95 ug/ml



#12 Fluoranthene (C21.85)

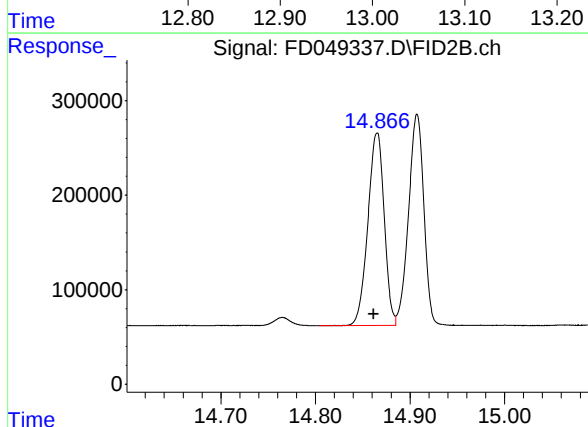
R.T.: 12.696 min
Delta R.T.: 0.003 min
Response: 3073622
Conc: 22.81 ug/ml



#13 Pyrene (C20.8)

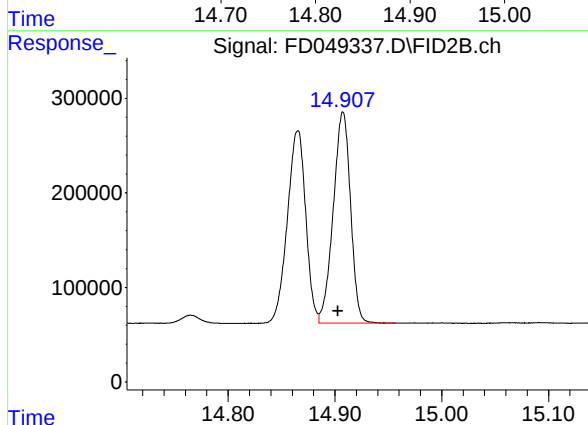
R.T.: 12.995 min
Delta R.T.: 0.004 min
Response: 3040812
Conc: 22.48 ug/ml

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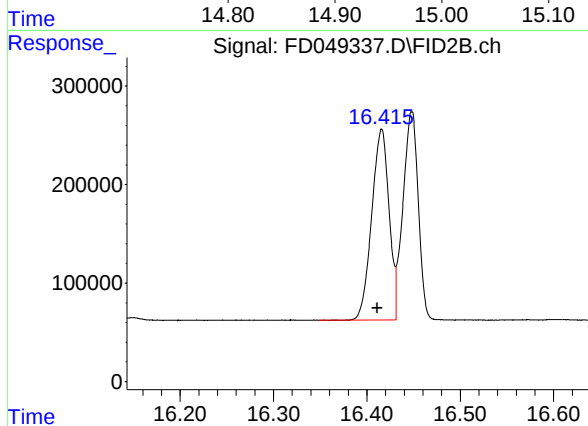
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.004 min
Response: 2443727
Conc: 21.33 ug/ml



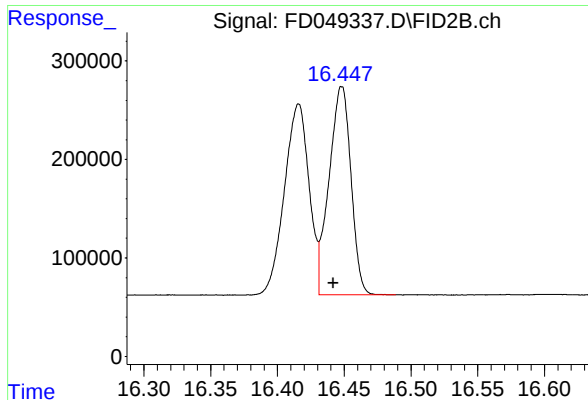
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.005 min
Response: 2513934
Conc: 21.54 ug/ml



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

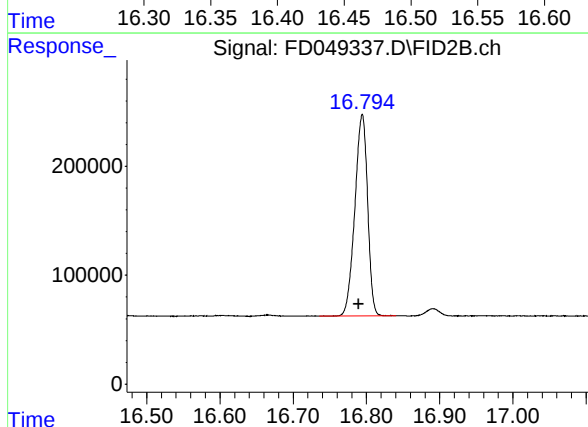
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 2493758
Conc: 20.54 ug/ml



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

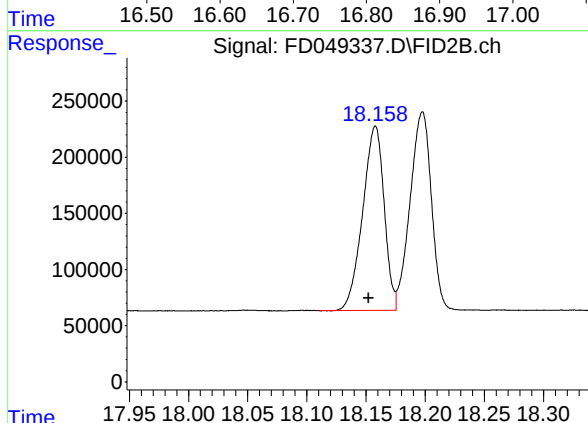
R.T.: 16.448 min
Delta R.T.: 0.006 min
Response: 2421017
Conc: 20.30 ug/ml

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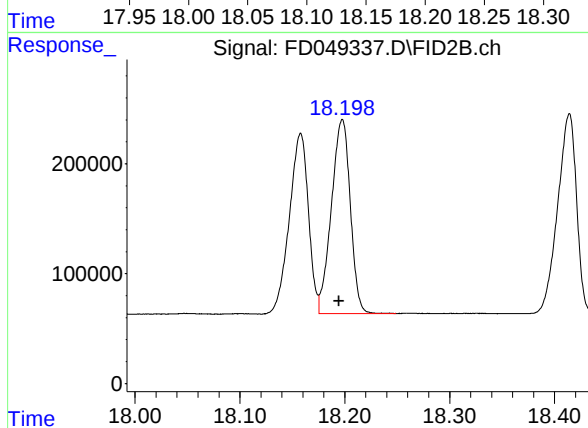
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.005 min
Response: 2234193
Conc: 19.43 ug/ml



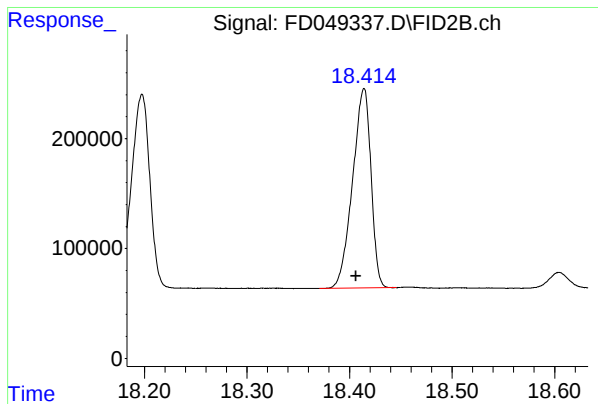
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.006 min
Response: 2071865
Conc: 18.88 ug/ml



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

R.T.: 18.198 min
Delta R.T.: 0.003 min
Response: 2216553
Conc: 20.99 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.008 min
Response: 2263815
Conc: 19.00 ug/ml

Instrument :

FID_D

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