

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049737.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 11:01
 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: Sep 23 02:02:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.696	2191772	19.489 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
6) S 2-Fluorobiphenyl (SURR)	8.560	1534216	19.113 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.23%
11) S ortho-Terphenyl (SURR)	11.607	2730527	19.300 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	2075080	19.258 ug/ml
2) T Naphthalene (C11.7)	6.031	2427766	19.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	2546725	19.540 ug/ml
5) T Acenaphthylene (C15.06)	8.363	2688156	19.389 ug/ml
7) T Acenaphthene (C15.5)	8.659	2681684	19.345 ug/ml
8) T Flouorene (C16.55)	9.440	2643064	19.054 ug/ml
9) T Phenanthrene (C19.36)	10.838	2606873	18.714 ug/ml
10) T Anthracene (C19.43)	10.913	2456547	18.604 ug/ml
12) T Fluoranthene (C21.85)	12.652	2512669	18.658 ug/ml
13) T Pyrene (C20.8)	12.950	2494281	18.751 ug/ml
14) T Benzo[a]anthracene (C...	14.822	2211962	18.497 ug/ml
15) T Chrysene (C27.41)	14.864	2251361	18.506 ug/ml
16) T benzo[b]fluoranthene ...	16.371	2245656	18.734 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	2104429	18.677 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	2186709	18.635 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.114	1946459	17.892 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	1986778	17.436 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	2126549	18.276 ug/ml

(f)=RT Delta > 1/2 Window

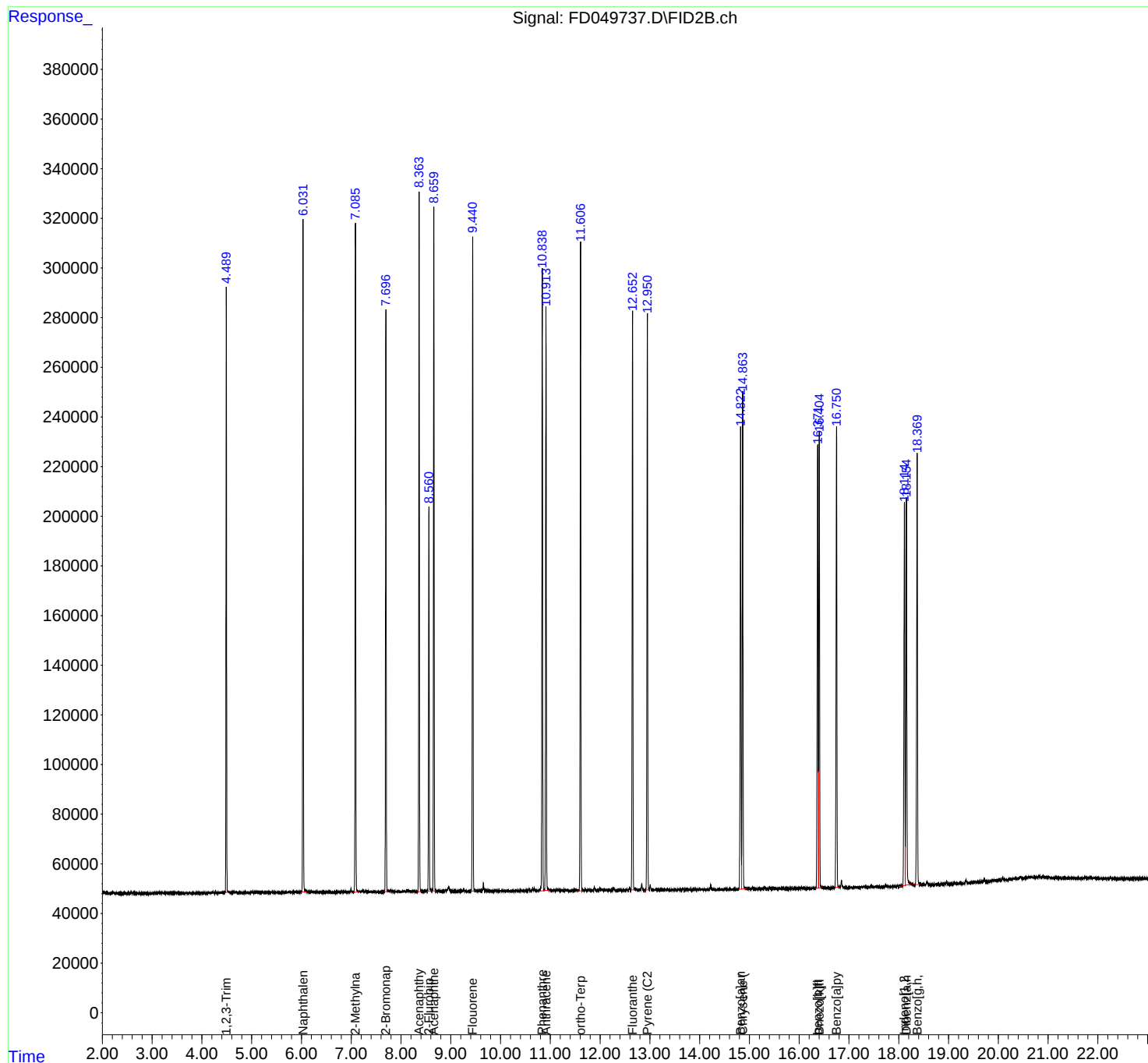
(m)=manual int.

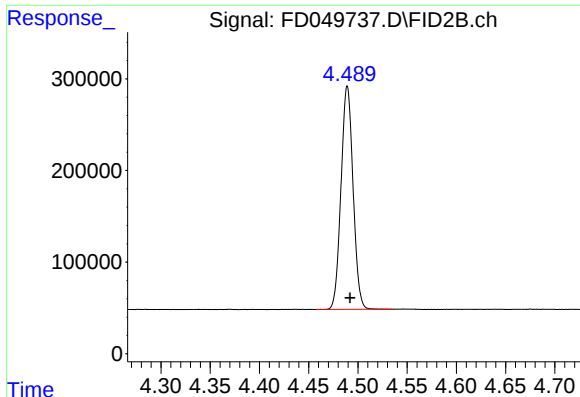
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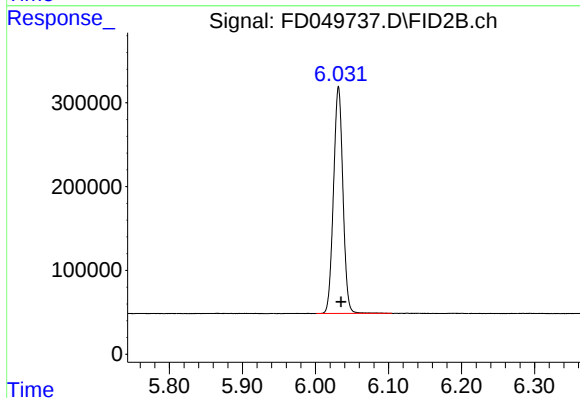




#1 1,2,3-Trimethylbenzene (C10.1)

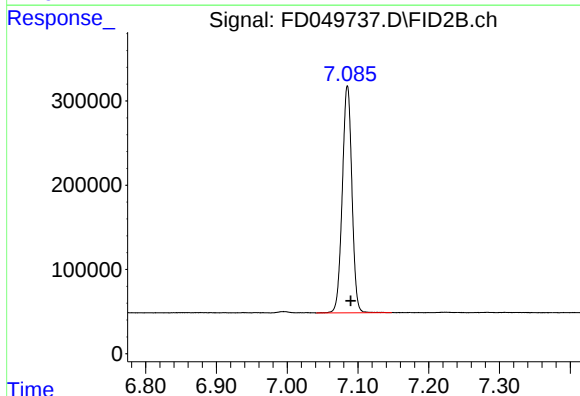
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 2075080
Conc: 19.26 ug/ml

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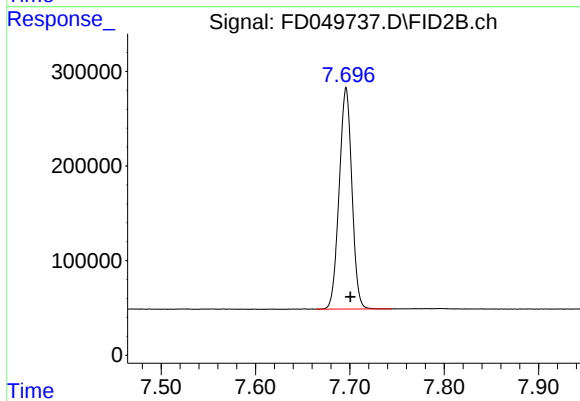
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2427766
Conc: 19.52 ug/ml



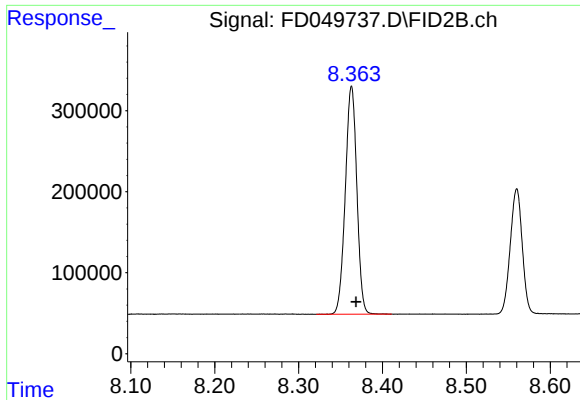
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 2546725
Conc: 19.54 ug/ml



#4 2-Bromonaphthalene (SURR)

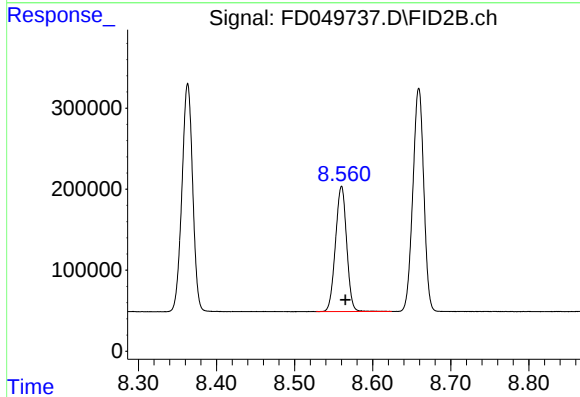
R.T.: 7.696 min
Delta R.T.: -0.005 min
Response: 2191772
Conc: 19.49 ug/ml



#5 Acenaphthylene (C15.06)

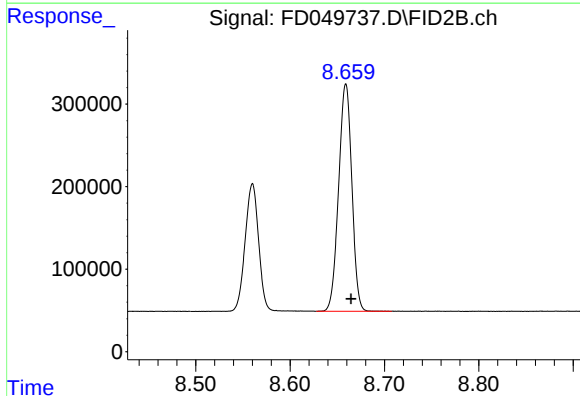
R.T.: 8.363 min
Delta R.T.: -0.005 min
Response: 2688156
Conc: 19.39 ug/ml

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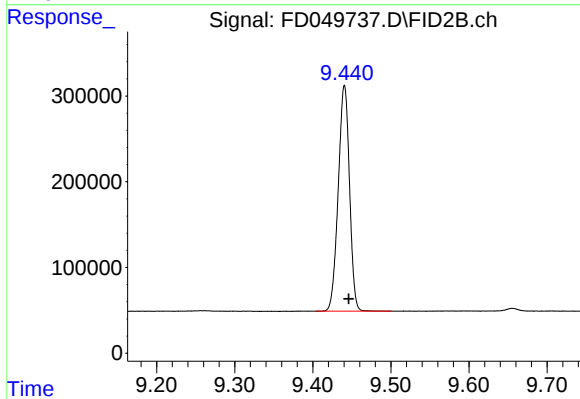
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 1534216
Conc: 19.11 ug/ml



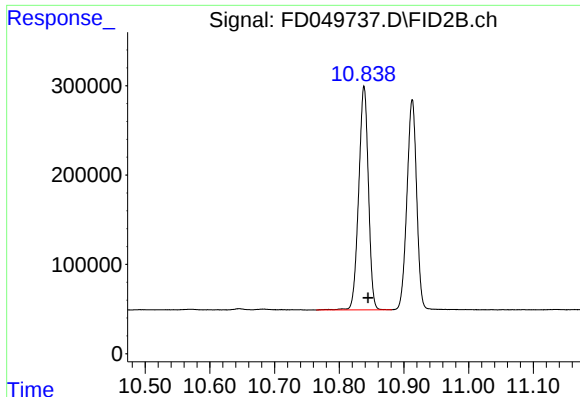
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.006 min
Response: 2681684
Conc: 19.35 ug/ml



#8 Flouorene (C16.55)

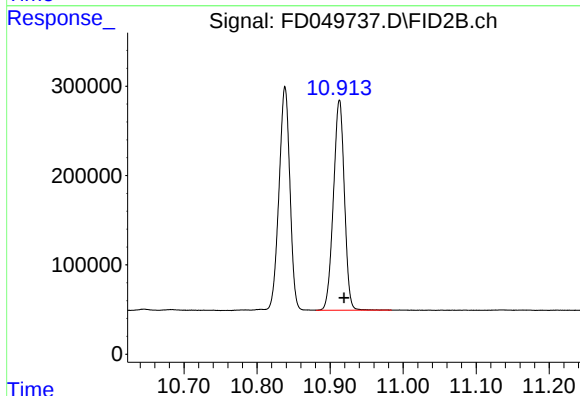
R.T.: 9.440 min
Delta R.T.: -0.005 min
Response: 2643064
Conc: 19.05 ug/ml



#9 Phenanthrene (C19.36)

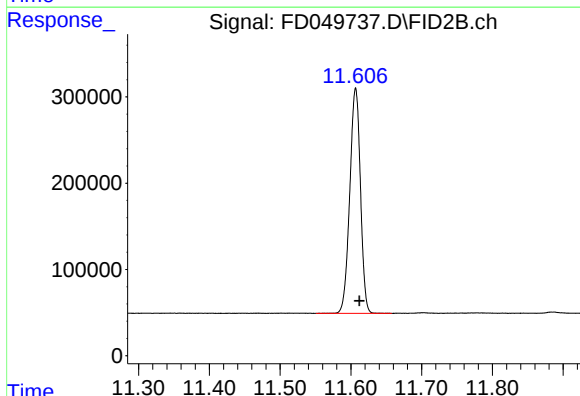
R.T.: 10.838 min
Delta R.T.: -0.006 min
Response: 2606873
Conc: 18.71 ug/ml

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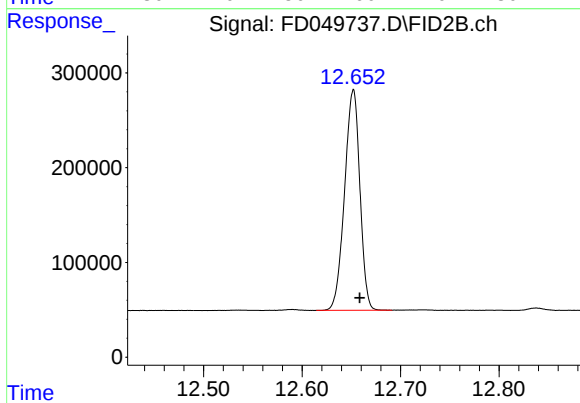
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 2456547
Conc: 18.60 ug/ml



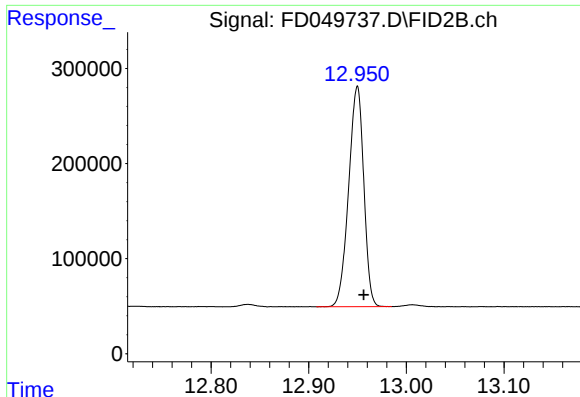
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.006 min
Response: 2730527
Conc: 19.30 ug/ml



#12 Fluoranthene (C21.85)

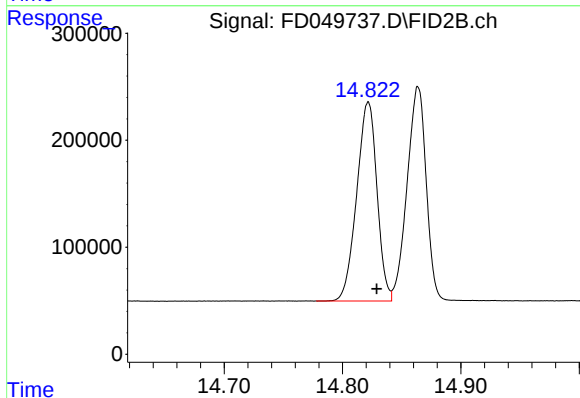
R.T.: 12.652 min
Delta R.T.: -0.007 min
Response: 2512669
Conc: 18.66 ug/ml



#13 Pyrene (C20.8)

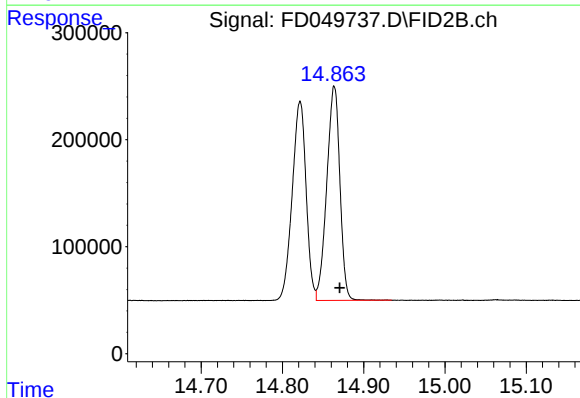
R.T.: 12.950 min
Delta R.T.: -0.007 min
Response: 2494281
Conc: 18.75 ug/ml

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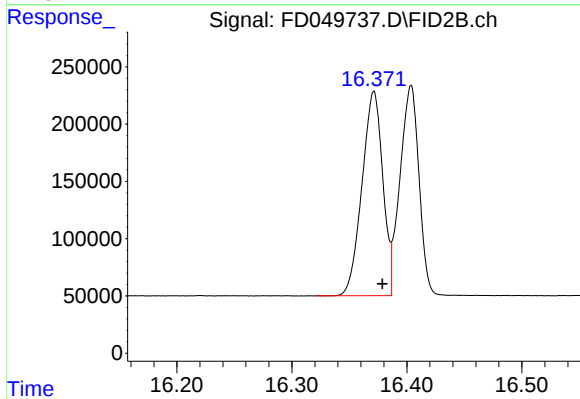
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.822 min
Delta R.T.: -0.007 min
Response: 2211962
Conc: 18.50 ug/ml



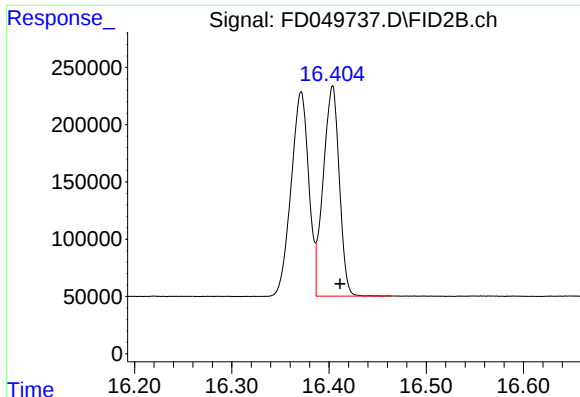
#15 Chrysene (C27.41)

R.T.: 14.864 min
Delta R.T.: -0.007 min
Response: 2251361
Conc: 18.51 ug/ml



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

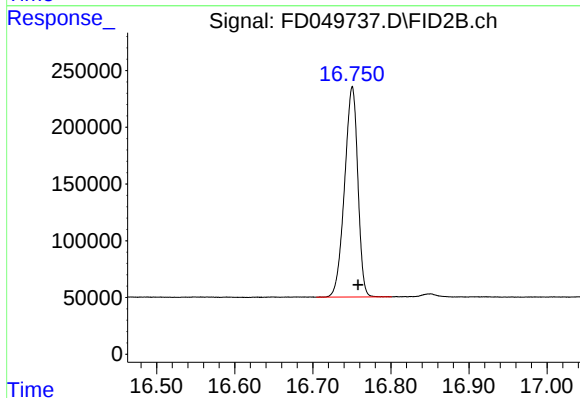
R.T.: 16.371 min
Delta R.T.: -0.008 min
Response: 2245656
Conc: 18.73 ug/ml



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

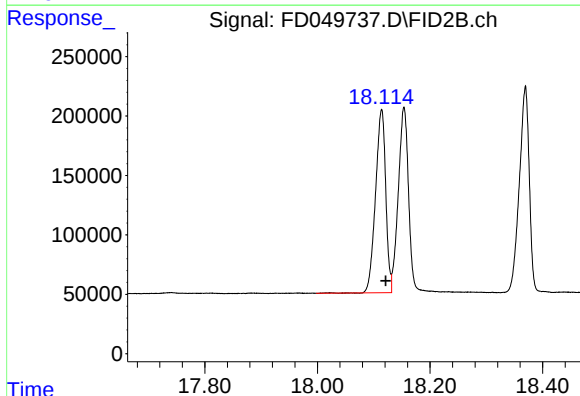
R.T.: 16.403 min
Delta R.T.: -0.008 min
Response: 2104429
Conc: 18.68 ug/ml

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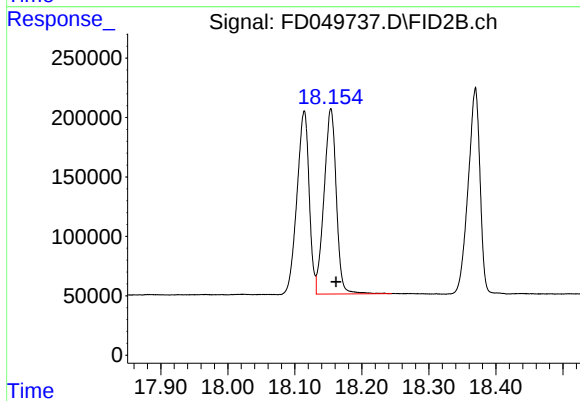
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 2186709
Conc: 18.63 ug/ml



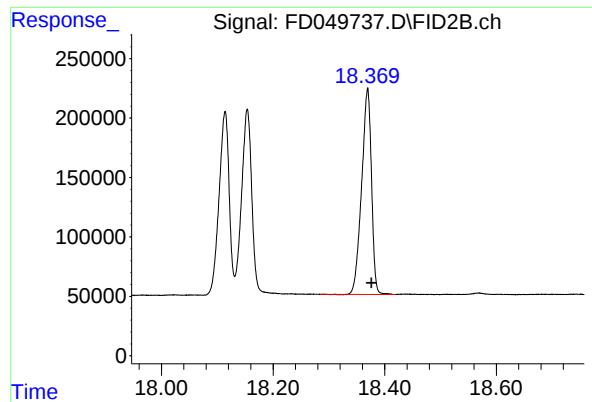
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.114 min
Delta R.T.: -0.008 min
Response: 1946459
Conc: 17.89 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.008 min
Response: 1986778
Conc: 17.44 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.007 min
Response: 2126549
Conc: 18.28 ug/ml

Instrument :

FID_D

ClientSampleId :

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