

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040725AR\
 Data File : FD049237.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2025 19:23
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Apr 08 05:27:14 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...	7.752	2919734	19.710 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
6) S 2-Fluorobiphenyl (SURR)	8.619	2005783	19.664 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.33%
11) S ortho-Terphenyl (SURR)	11.661	3492151	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.544	2990764	19.958 ug/ml
2) T Naphthalene (C11.7)	6.089	3227673	19.713 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	3180539	19.663 ug/ml
5) T Acenaphthylene (C15.06)	8.423	3460692	19.592 ug/ml
7) T Acenaphthene (C15.5)	8.718	3378853	19.612 ug/ml
8) T Fluorene (C16.55)	9.499	3425138	19.642 ug/ml
9) T Phenanthrene (C19.36)	10.898	3395631	19.787 ug/ml
10) T Anthracene (C19.43)	10.972	3122464	19.876 ug/ml
12) T Fluoranthene (C21.85)	12.710	3373170	19.956 ug/ml
13) T Pyrene (C20.8)	13.009	3349278	19.970 ug/ml
14) T Benzo[a]anthracene (C...	14.877	2891161	20.113 ug/ml
15) T Chrysene (C27.41)	14.920	2902099	20.112 ug/ml
16) T benzo[b]fluoranthene ...	16.427	2792369	20.071 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	2757898	20.165 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.806	2620376	20.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.169	2458074	19.940 ug/ml
20) T Dibenz[a,h]anthracene...	18.208	2554622	20.203 ug/ml
21) T Benzo[g,h,i]perylene ...	18.425	2626079	20.116 ug/ml

(f)=RT Delta > 1/2 Window

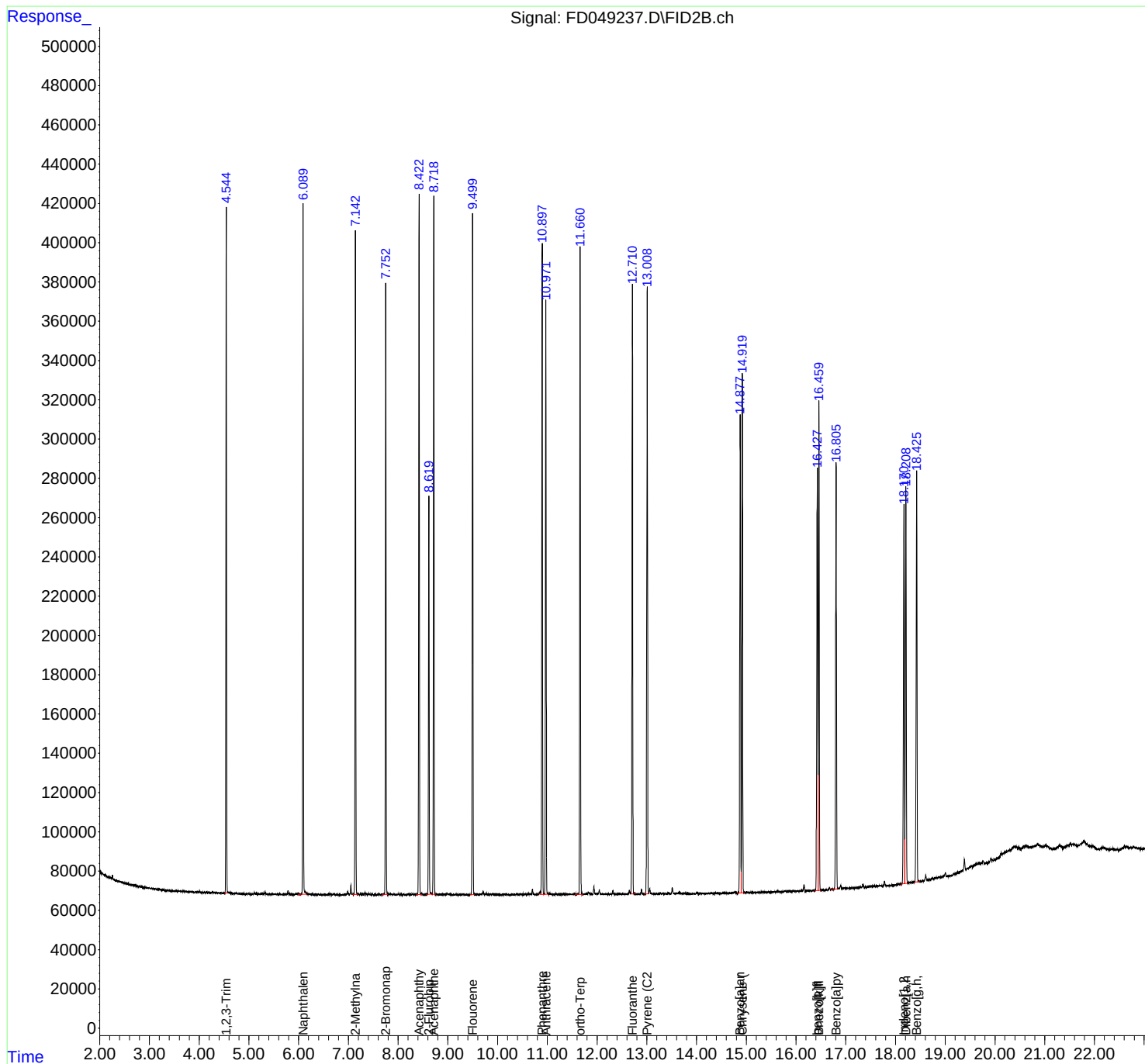
(m)=manual int.

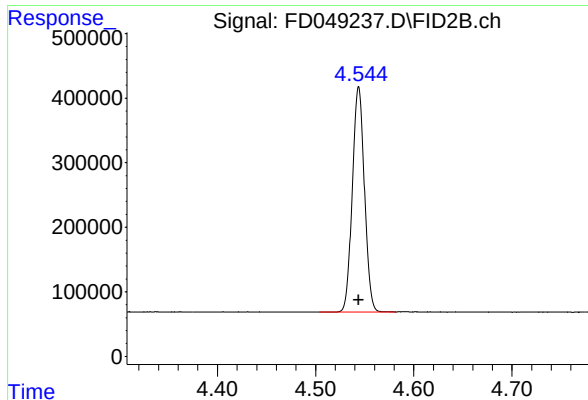
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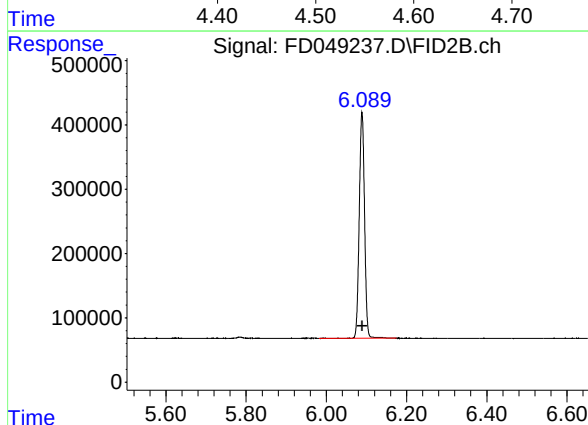




#1 1,2,3-Trimethylbenzene (C10.1)

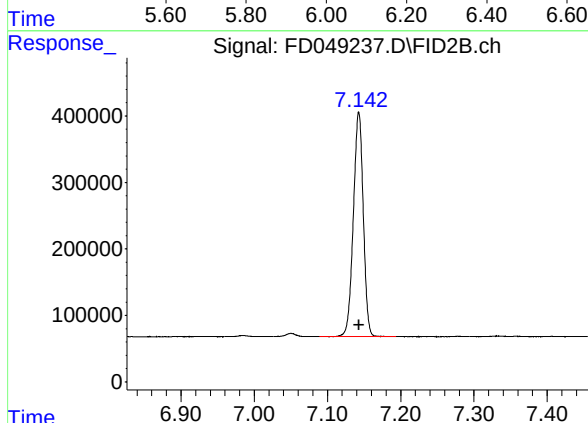
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 2990764
Conc: 19.96 ug/ml

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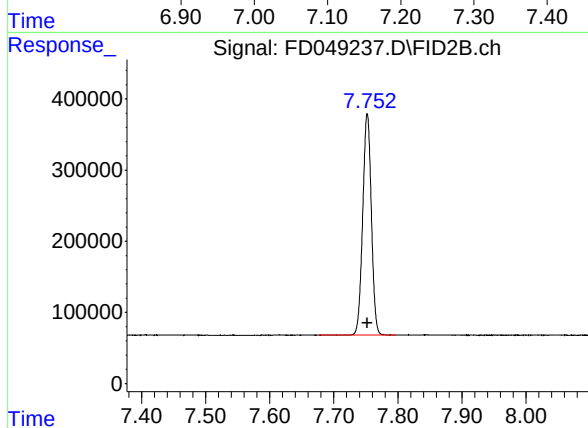
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 3227673
Conc: 19.71 ug/ml



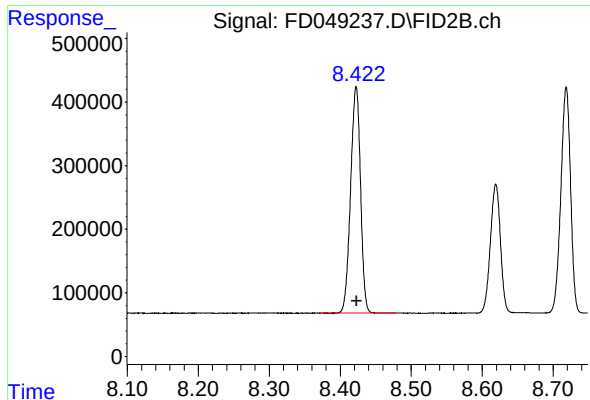
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 3180539
Conc: 19.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.752 min
Delta R.T.: 0.000 min
Response: 2919734
Conc: 19.71 ug/ml



#5 Acenaphthylene (C15.06)

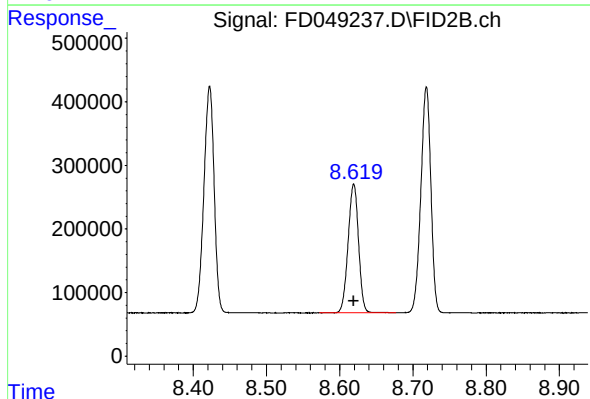
R.T.: 8.423 min
Delta R.T.: 0.000 min
Response: 3460692
Conc: 19.59 ug/ml

Instrument :

FID_D

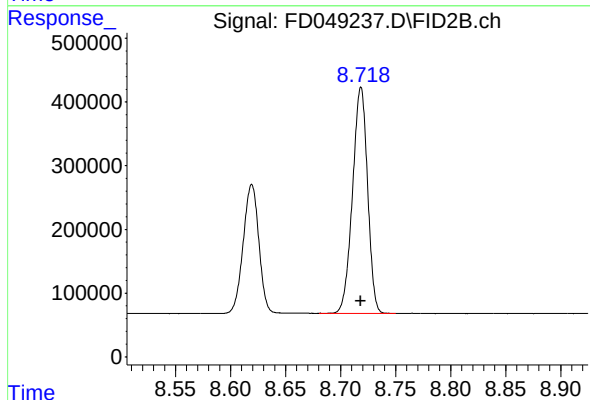
ClientSampleId :

20 PPM AROMATIC HC STD ICV



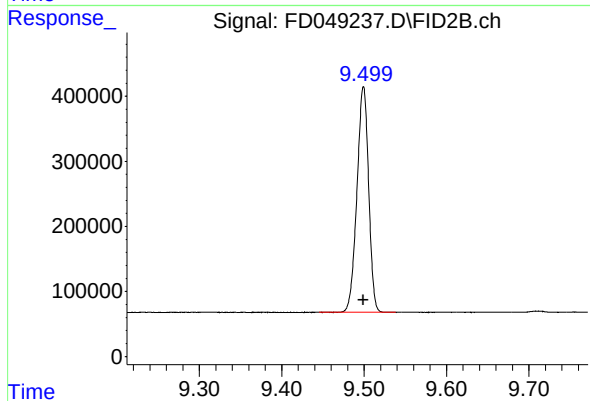
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 2005783
Conc: 19.66 ug/ml



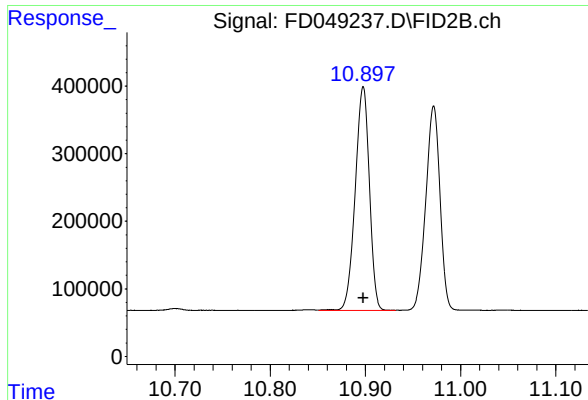
#7 Acenaphthene (C15.5)

R.T.: 8.718 min
Delta R.T.: 0.000 min
Response: 3378853
Conc: 19.61 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 3425138
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

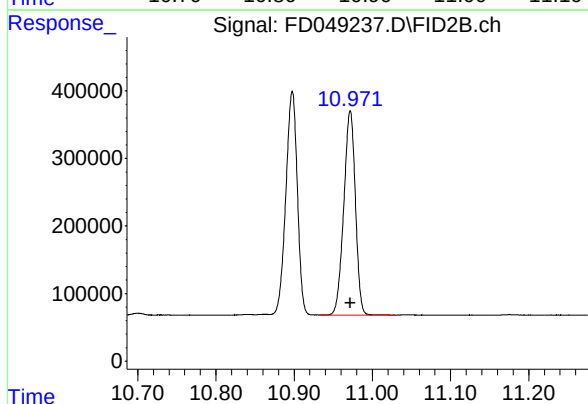
R.T.: 10.898 min
Delta R.T.: 0.000 min
Response: 3395631
Conc: 19.79 ug/ml

Instrument :

FID_D

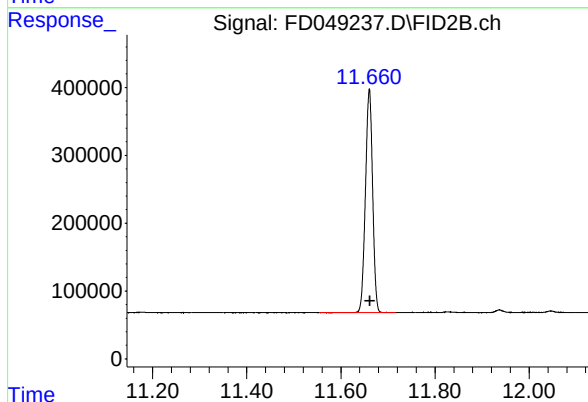
ClientSampleId :

20 PPM AROMATIC HC STD ICV



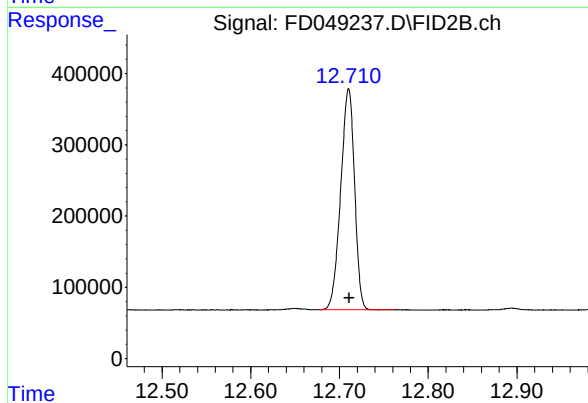
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: 0.000 min
Response: 3122464
Conc: 19.88 ug/ml



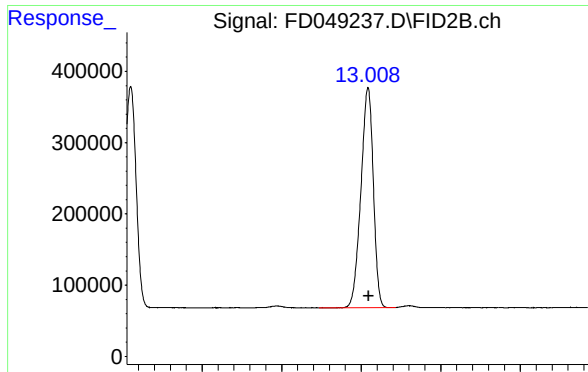
#11 ortho-Terphenyl (SURR)

R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 3492151
Conc: 19.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 3373170
Conc: 19.96 ug/ml



#13 Pyrene (C20.8)

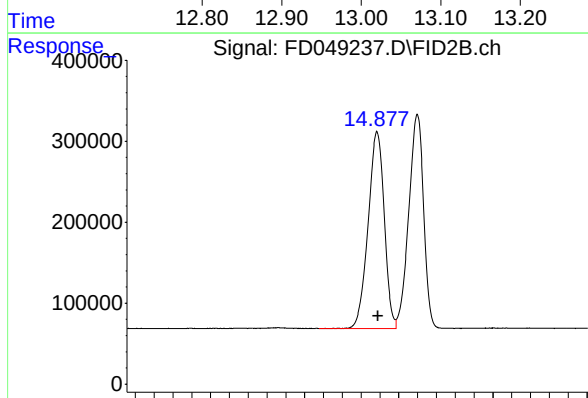
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 3349278
Conc: 19.97 ug/ml

Instrument :

FID_D

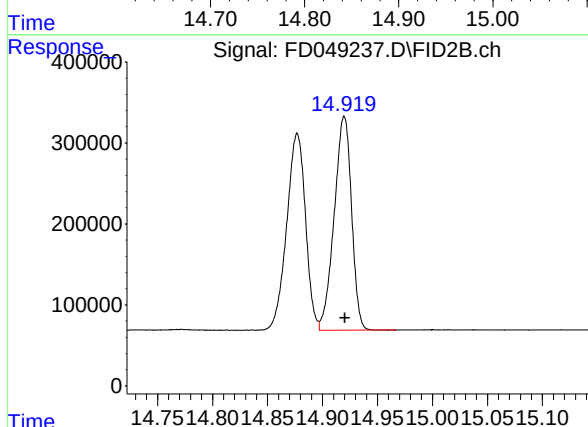
ClientSampleId :

20 PPM AROMATIC HC STD ICV



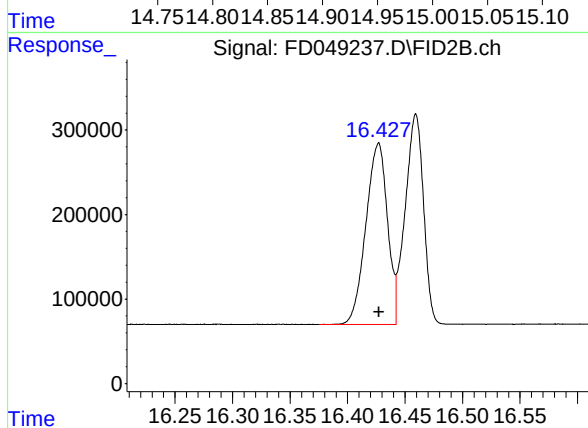
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.877 min
Delta R.T.: 0.000 min
Response: 2891161
Conc: 20.11 ug/ml



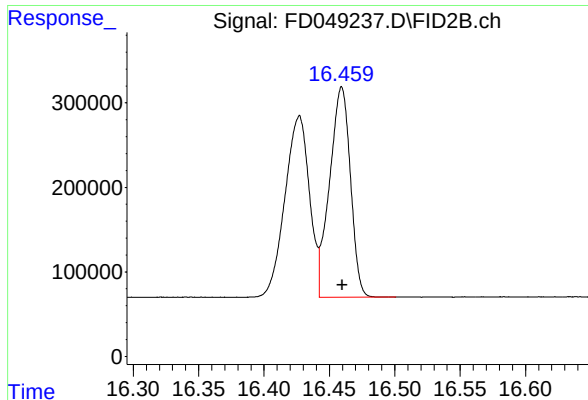
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.000 min
Response: 2902099
Conc: 20.11 ug/ml



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

R.T.: 16.427 min
Delta R.T.: 0.000 min
Response: 2792369
Conc: 20.07 ug/ml



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

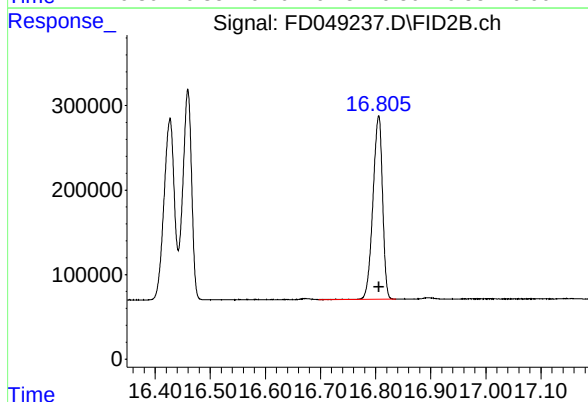
R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 2757898
Conc: 20.16 ug/ml

Instrument :

FID_D

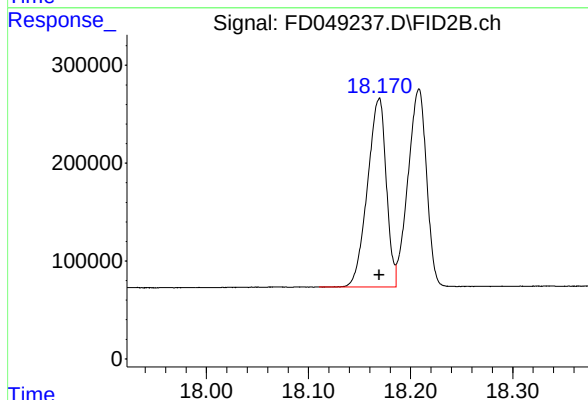
ClientSampleId :

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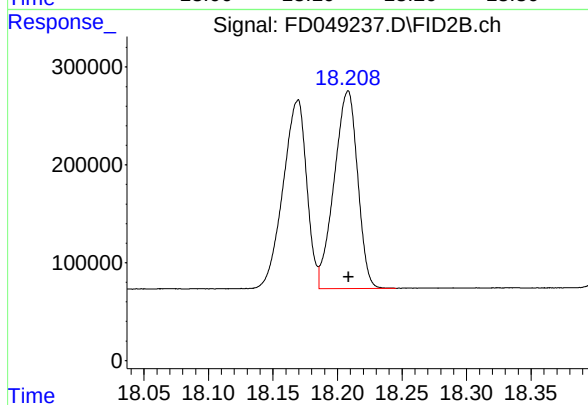
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.806 min
Delta R.T.: 0.000 min
Response: 2620376
Conc: 20.15 ug/ml



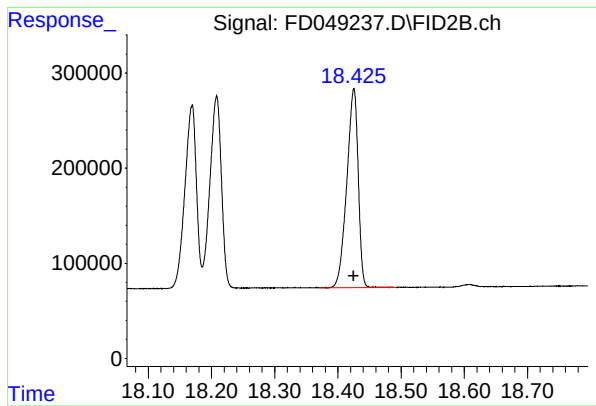
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.169 min
Delta R.T.: 0.000 min
Response: 2458074
Conc: 19.94 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.000 min
Response: 2554622
Conc: 20.20 ug/ml



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

R.T.: 18.425 min
Delta R.T.: 0.000 min
Response: 2626079
Conc: 20.12 ug/ml

Instrument :

FID_D

ClientSampleId :

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