

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049443.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 00:09
 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: Jun 12 05:02:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.732	3000500	18.050 ug/ml
Spiked Amount 50.000		Recovery =	36.10%
6) S 2-Fluorobiphenyl (SURR)	8.597	2063858	18.041 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.08%
11) S ortho-Terphenyl (SURR)	11.642	3453286	17.204 ug/ml
Spiked Amount 50.000		Recovery =	34.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3079197	19.353 ug/ml
2) T Naphthalene (C11.7)	6.068	3313489	18.871 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3291414	18.424 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3511983	18.130 ug/ml
7) T Acenaphthene (C15.5)	8.697	3421664	17.988 ug/ml
8) T Fluorene (C16.55)	9.478	3485792	17.828 ug/ml
9) T Phenanthrene (C19.36)	10.876	3437044	18.076 ug/ml
10) T Anthracene (C19.43)	10.950	3037990	17.378 ug/ml
12) T Fluoranthene (C21.85)	12.690	3405733	18.881 ug/ml
13) T Pyrene (C20.8)	12.989	3403739	19.071 ug/ml
14) T Benzo[a]anthracene (C...	14.860	3073678	20.223 ug/ml
15) T Chrysene (C27.41)	14.902	3099850	20.413 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3085638	21.317 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3039677	21.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.790	2916110	21.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2783208	21.790 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2962587	22.006 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	2974835	22.071 ug/ml

(f)=RT Delta > 1/2 Window

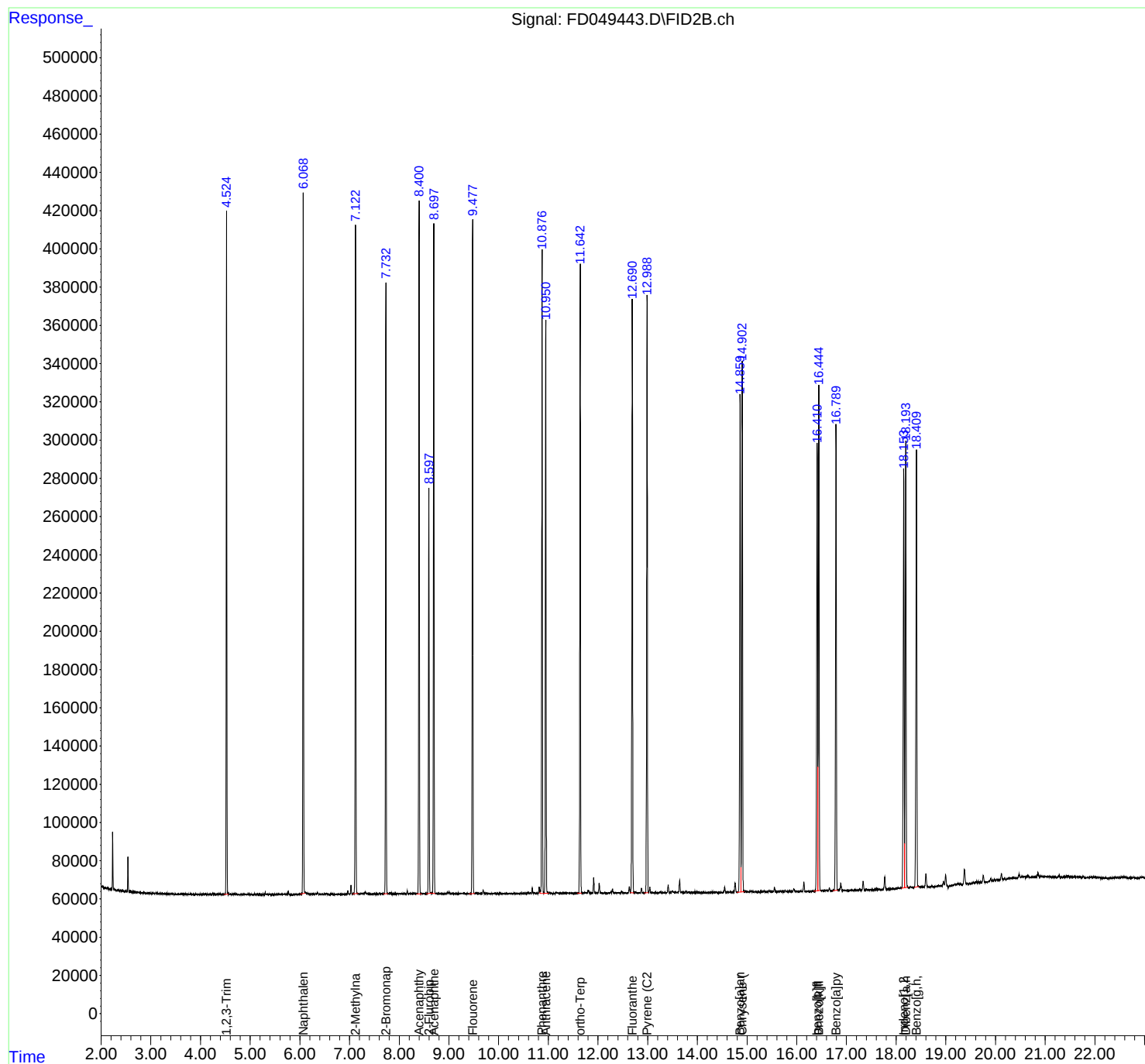
(m)=manual int.

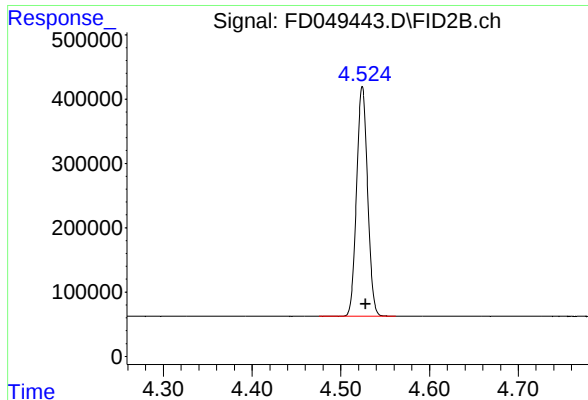
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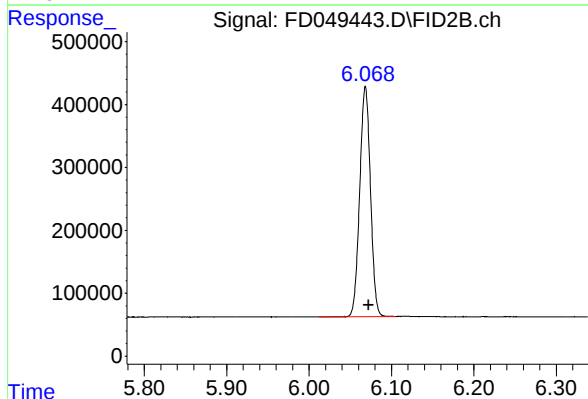




#1 1,2,3-Trimethylbenzene (C10.1)

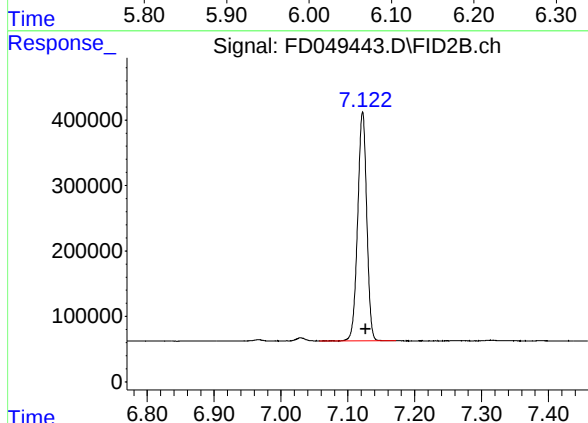
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3079197
Conc: 19.35 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



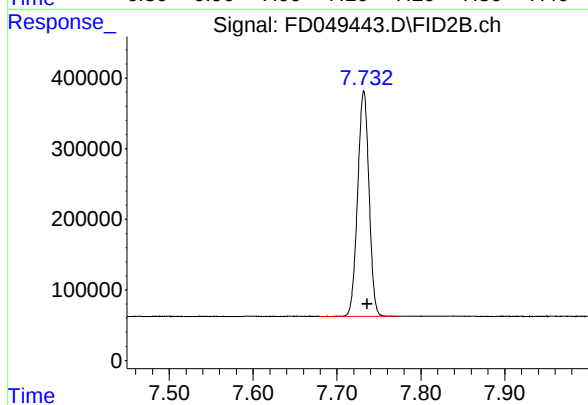
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 3313489
Conc: 18.87 ug/ml



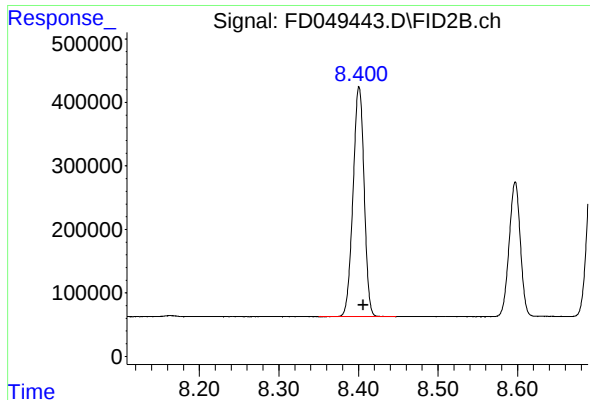
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.004 min
Response: 3291414
Conc: 18.42 ug/ml



#4 2-Bromonaphthalene (SURR)

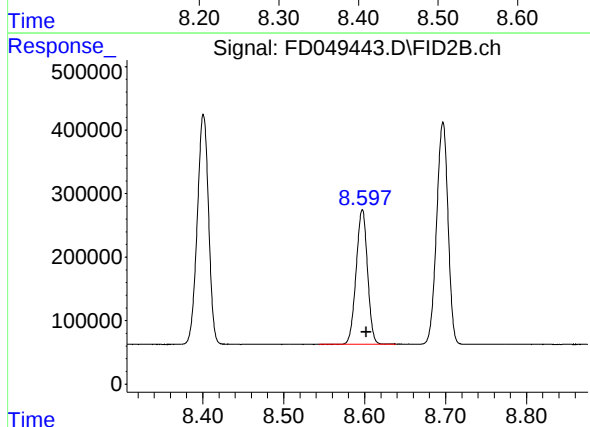
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 3000500
Conc: 18.05 ug/ml



#5 Acenaphthylene (C15.06)

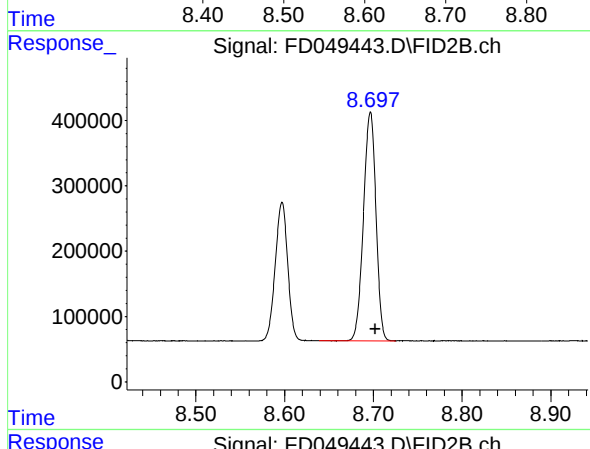
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3511983
Conc: 18.13 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



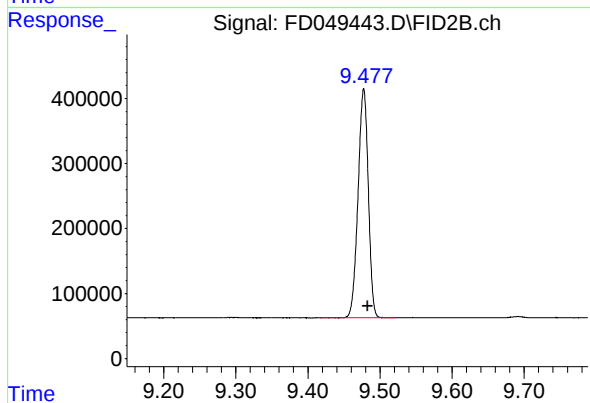
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2063858
Conc: 18.04 ug/ml



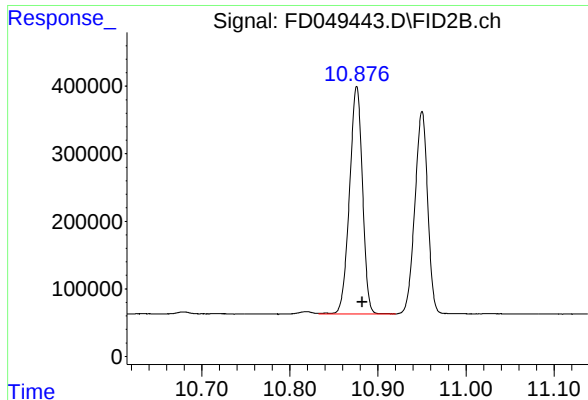
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 3421664
Conc: 17.99 ug/ml



#8 Fluorene (C16.55)

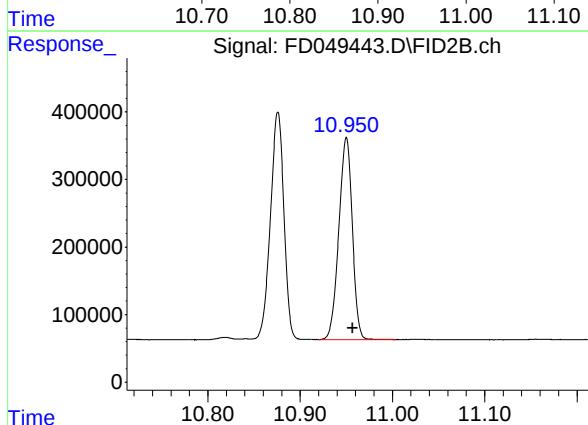
R.T.: 9.478 min
Delta R.T.: -0.006 min
Response: 3485792
Conc: 17.83 ug/ml



#9 Phenanthrene (C19.36)

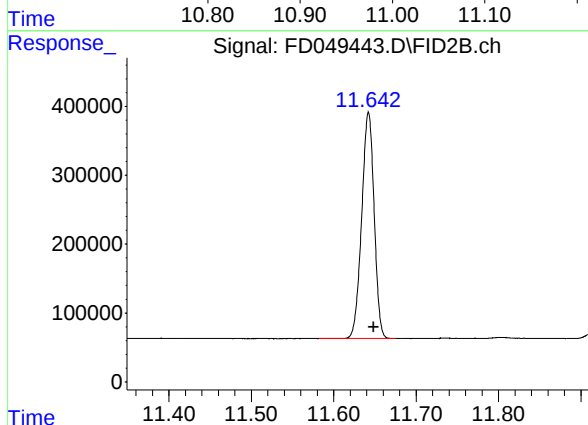
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3437044
Conc: 18.08 ug/ml

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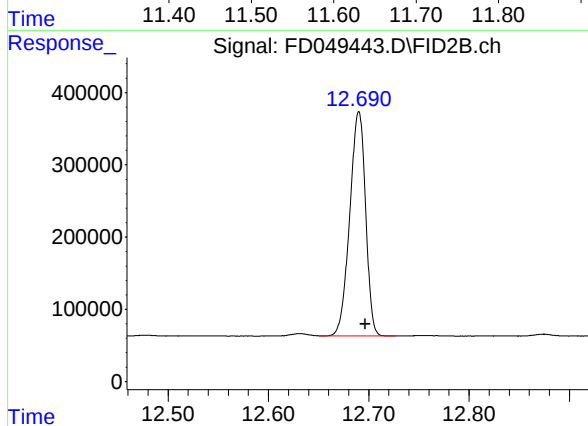
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3037990
Conc: 17.38 ug/ml



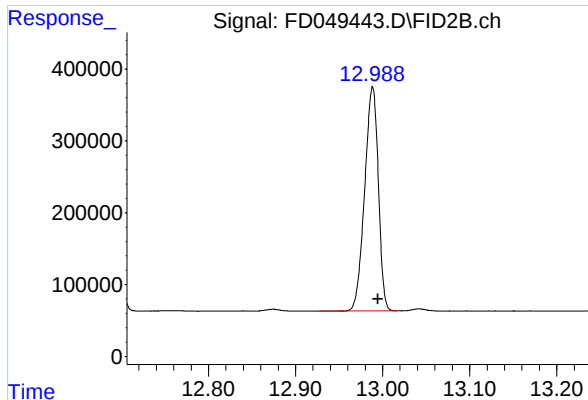
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.006 min
Response: 3453286
Conc: 17.20 ug/ml



#12 Fluoranthene (C21.85)

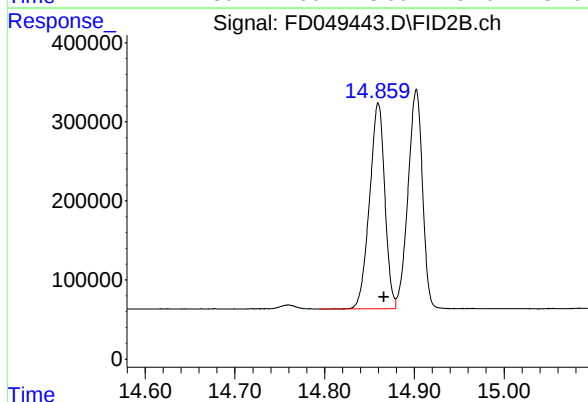
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3405733
Conc: 18.88 ug/ml



#13 Pyrene (C20.8)

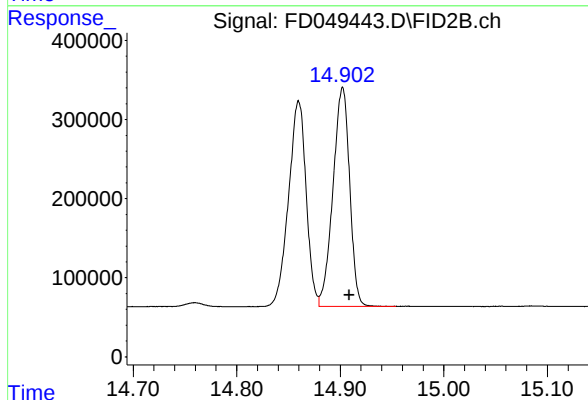
R.T.: 12.989 min
Delta R.T.: -0.006 min
Response: 3403739
Conc: 19.07 ug/ml

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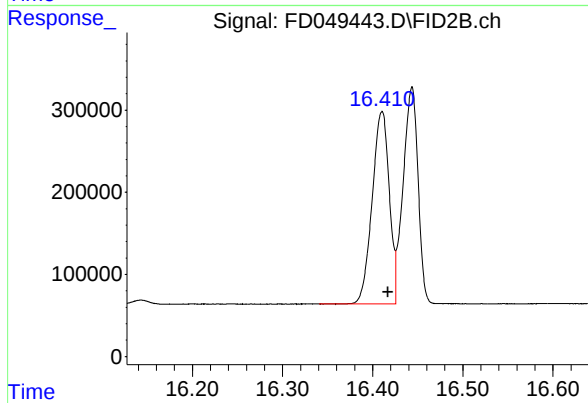
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.860 min
Delta R.T.: -0.006 min
Response: 3073678
Conc: 20.22 ug/ml



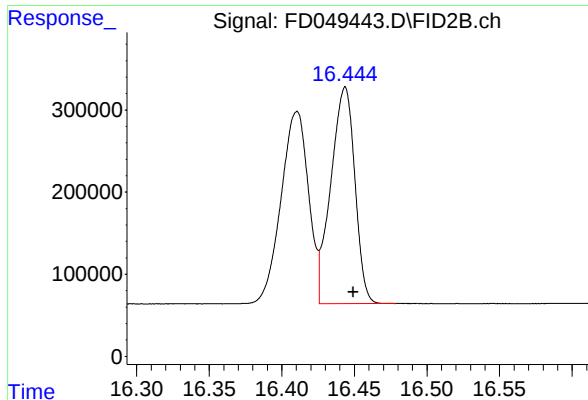
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.006 min
Response: 3099850
Conc: 20.41 ug/ml



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

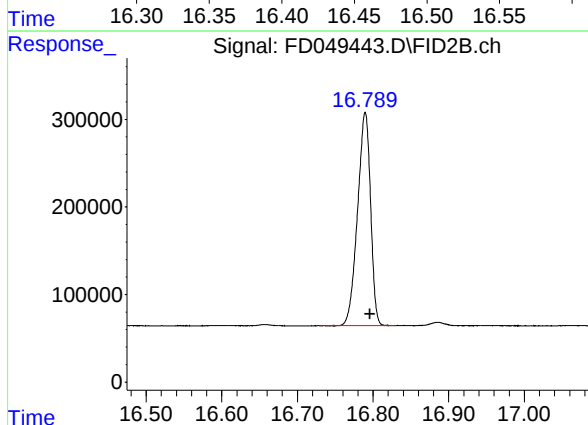
R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 3085638
Conc: 21.32 ug/ml



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

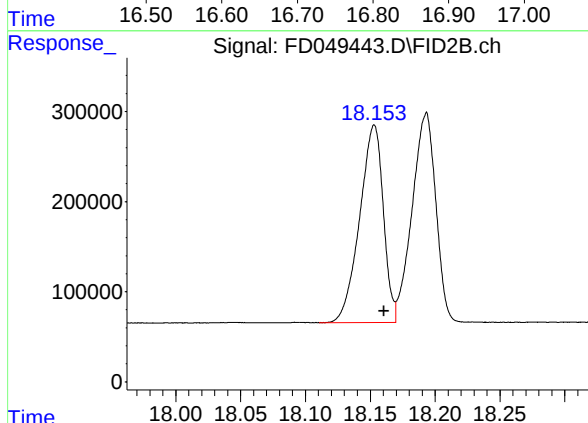
R.T.: 16.444 min
Delta R.T.: -0.006 min
Response: 3039677
Conc: 21.18 ug/ml

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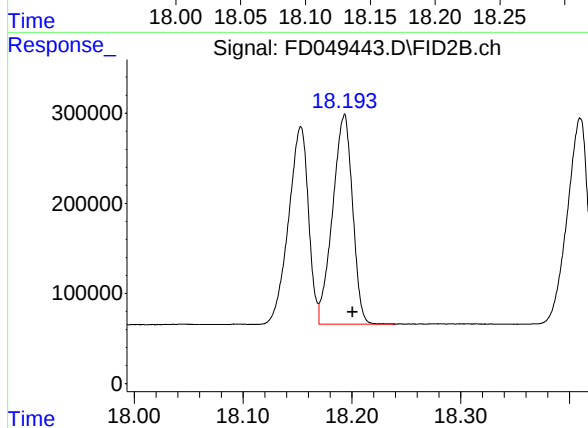
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.790 min
Delta R.T.: -0.006 min
Response: 2916110
Conc: 21.46 ug/ml



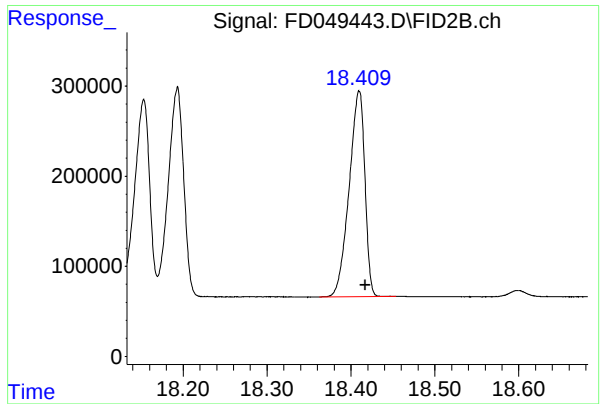
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.008 min
Response: 2783208
Conc: 21.79 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.008 min
Response: 2962587
Conc: 22.01 ug/ml



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

R.T.: 18.410 min
Delta R.T.: -0.008 min
Response: 2974835
Conc: 22.07 ug/ml

Instrument :

FID_D

ClientSampleId :

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