

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049430.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 12:12
 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 04:58:40 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...	7.731	2922969	17.583 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
6) S 2-Fluorobiphenyl (SURR)	8.597	1969245	17.214 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.43%
11) S ortho-Terphenyl (SURR)	11.642	3364588	16.763 ug/ml
Spiked Amount 50.000		Recovery =	33.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2999720	18.854 ug/ml
2) T Naphthalene (C11.7)	6.068	3205975	18.259 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3197828	17.900 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3430570	17.710 ug/ml
7) T Acenaphthene (C15.5)	8.697	3342072	17.570 ug/ml
8) T Fluorene (C16.55)	9.478	3360666	17.188 ug/ml
9) T Phenanthrene (C19.36)	10.876	3243120	17.056 ug/ml
10) T Anthracene (C19.43)	10.950	2857534	16.346 ug/ml
12) T Fluoranthene (C21.85)	12.690	3239356	17.959 ug/ml
13) T Pyrene (C20.8)	12.988	3240678	18.157 ug/ml
14) T Benzo[a]anthracene (C...	14.859	2877554	18.933 ug/ml
15) T Chrysene (C27.41)	14.901	2921565	19.239 ug/ml
16) T benzo[b]fluoranthene ...	16.410	2957494	20.432 ug/ml
17) T Bnezo[k]fluoranthene ...	16.443	2915562	20.318 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2793997	20.557 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.152	2626114	20.560 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2725206	20.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2847058	21.123 ug/ml

(f)=RT Delta > 1/2 Window

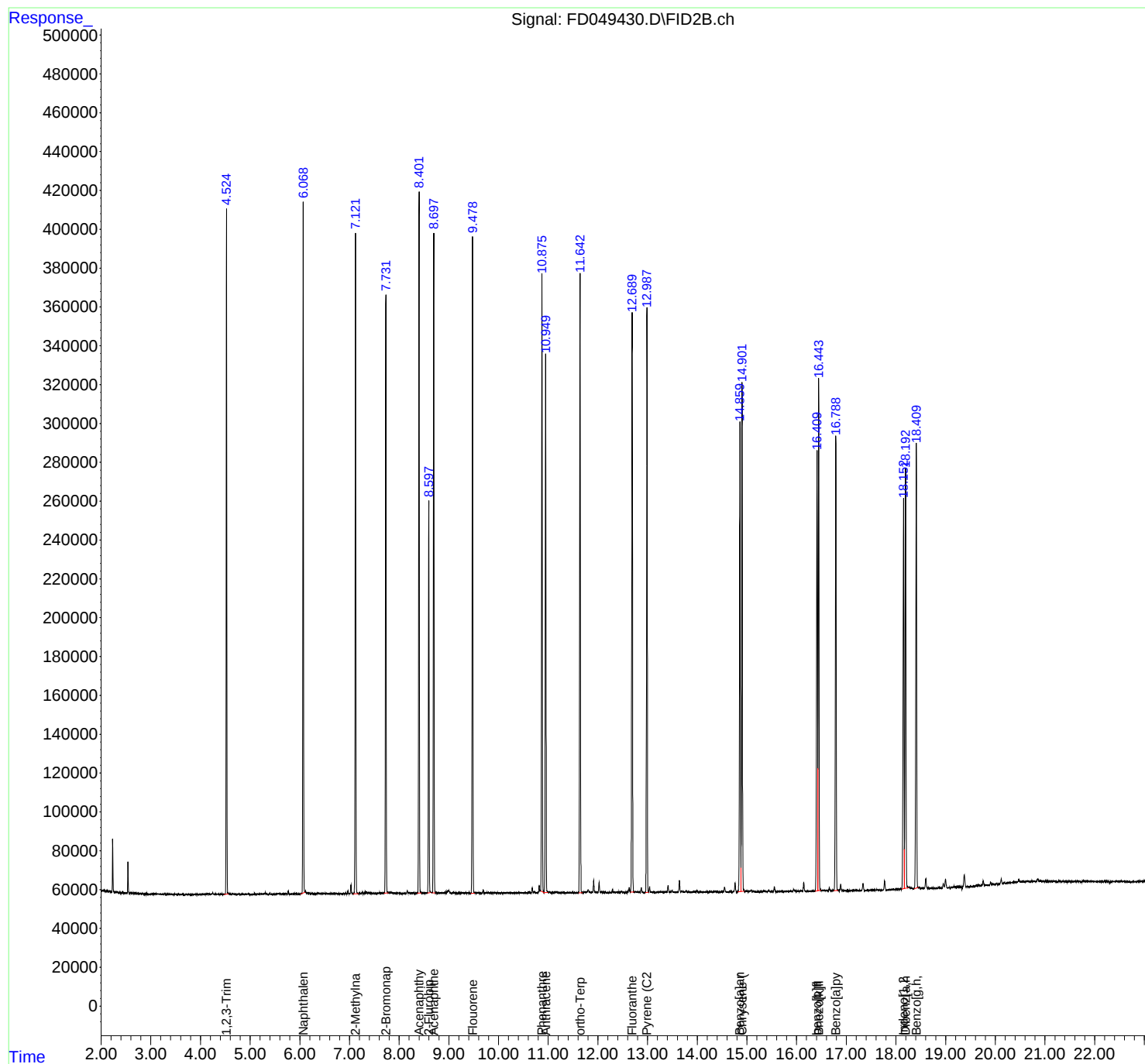
(m)=manual int.

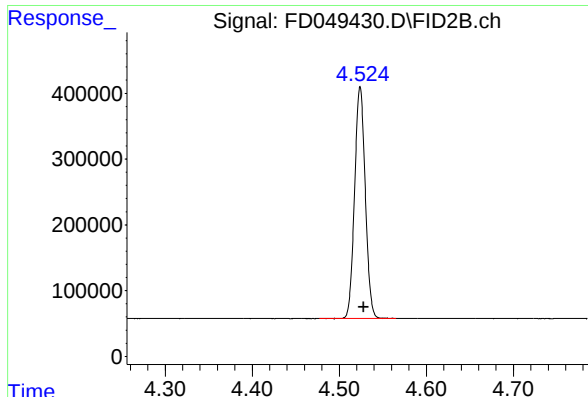
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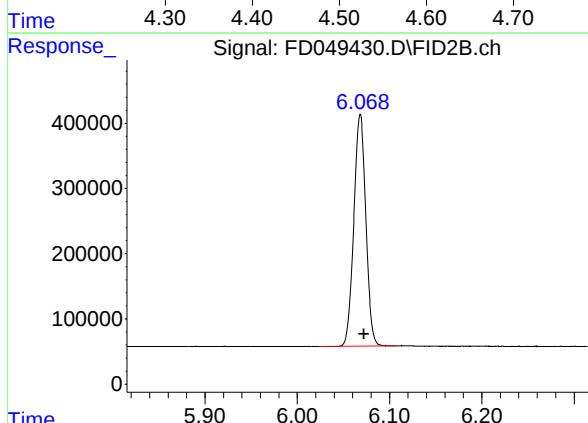




#1 1,2,3-Trimethylbenzene (C10.1)

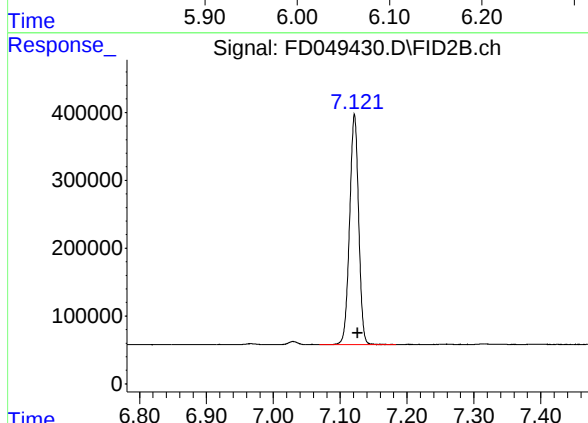
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 2999720
Conc: 18.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



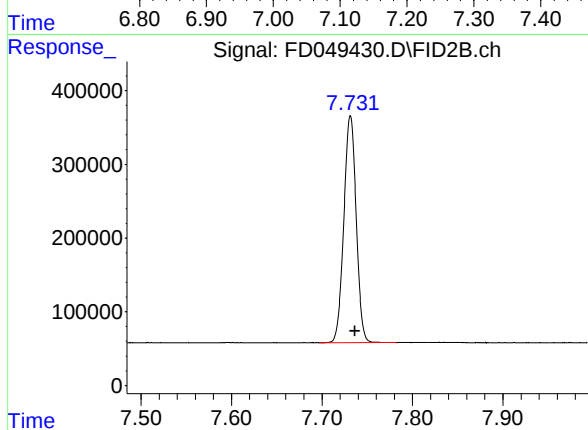
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 3205975
Conc: 18.26 ug/ml



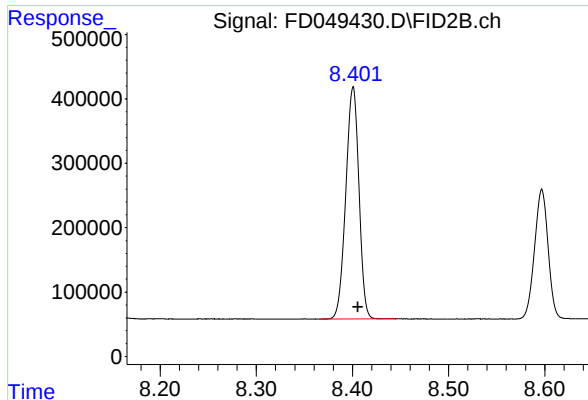
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3197828
Conc: 17.90 ug/ml



#4 2-Bromonaphthalene (SURR)

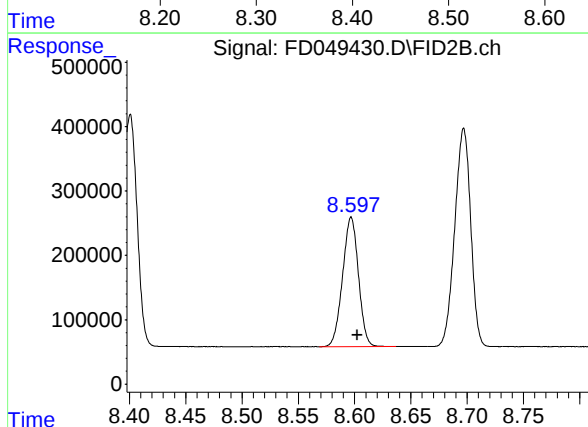
R.T.: 7.731 min
Delta R.T.: -0.005 min
Response: 2922969
Conc: 17.58 ug/ml



#5 Acenaphthylene (C15.06)

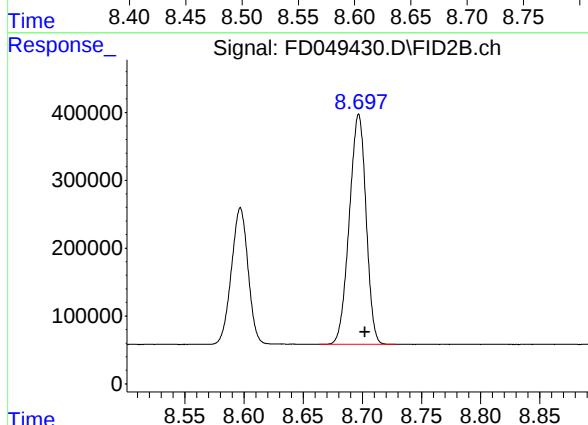
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3430570
Conc: 17.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



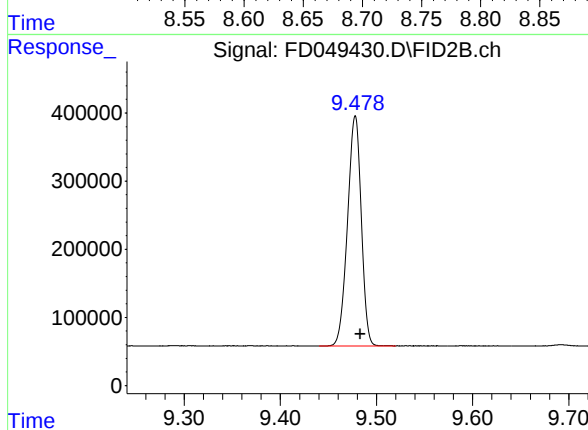
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 1969245
Conc: 17.21 ug/ml



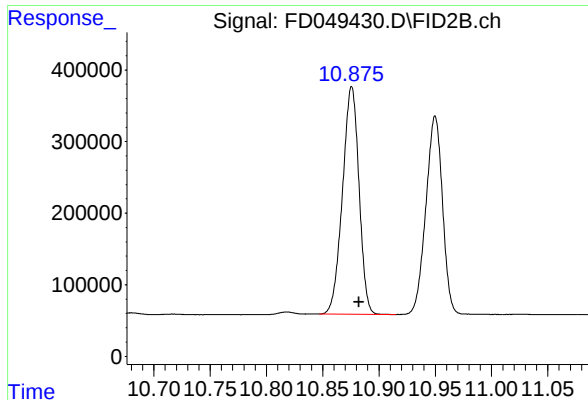
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 3342072
Conc: 17.57 ug/ml



#8 Fluorene (C16.55)

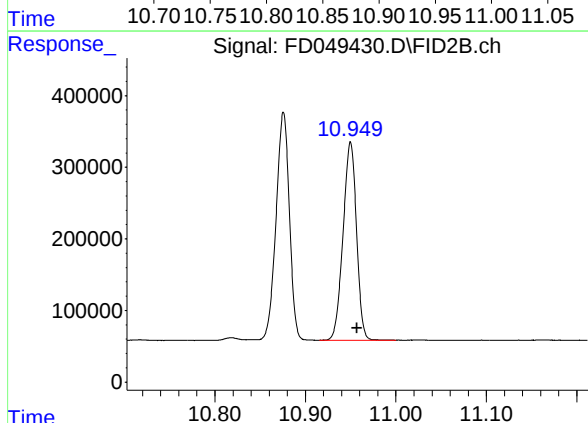
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 3360666
Conc: 17.19 ug/ml



#9 Phenanthrene (C19.36)

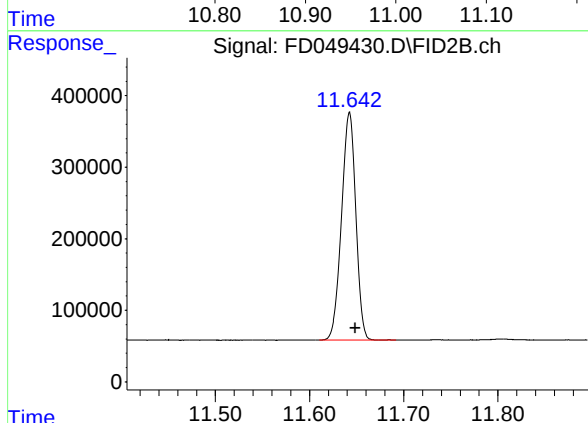
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3243120
Conc: 17.06 ug/ml

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20 PPM AROMATIC HC STD



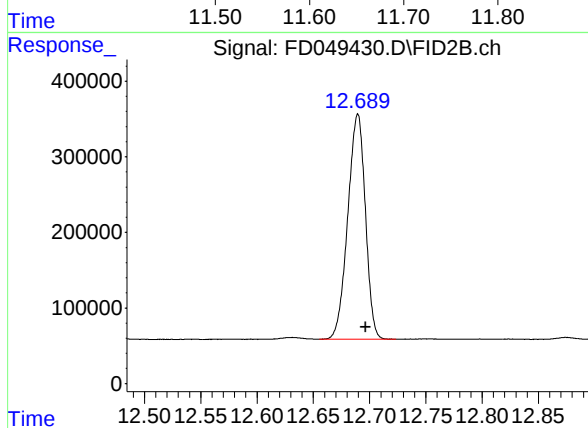
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 2857534
Conc: 16.35 ug/ml



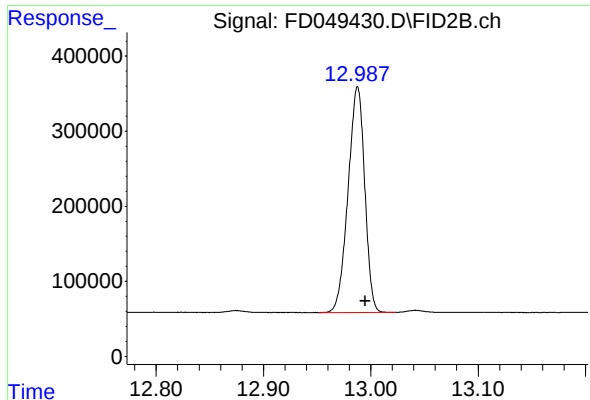
#11 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.006 min
Response: 3364588
Conc: 16.76 ug/ml



#12 Fluoranthene (C21.85)

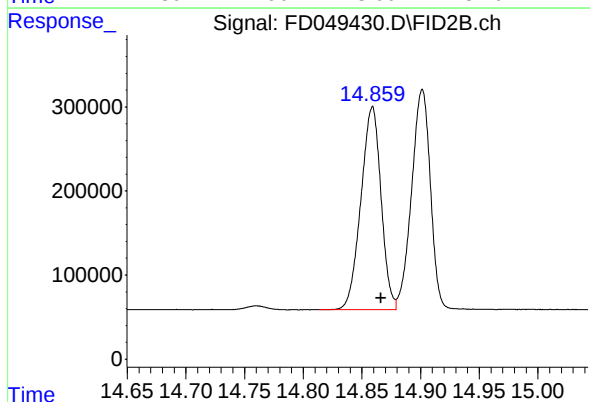
R.T.: 12.690 min
Delta R.T.: -0.007 min
Response: 3239356
Conc: 17.96 ug/ml



#13 Pyrene (C20.8)

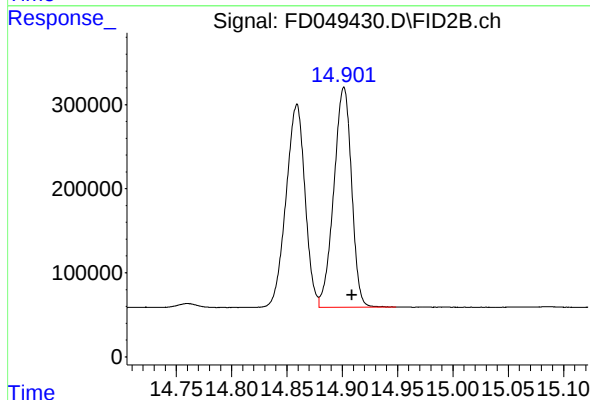
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3240678
Conc: 18.16 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



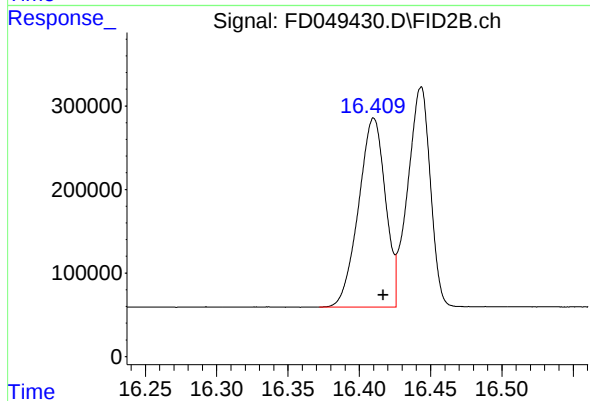
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 2877554
Conc: 18.93 ug/ml



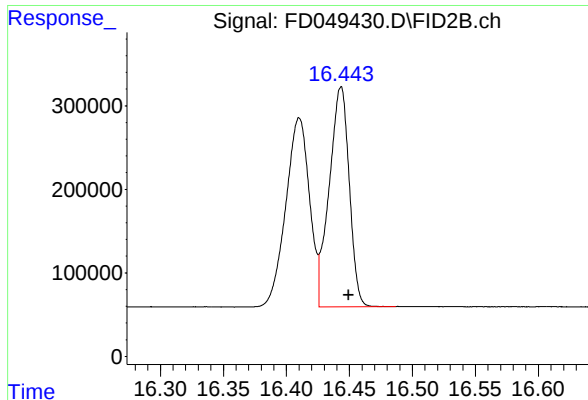
#15 Chrysene (C27.41)

R.T.: 14.901 min
Delta R.T.: -0.007 min
Response: 2921565
Conc: 19.24 ug/ml



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

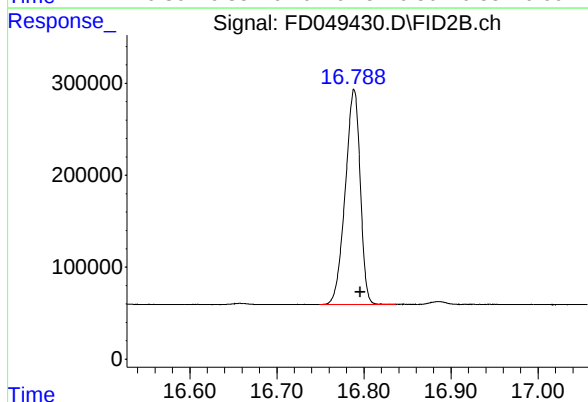
R.T.: 16.410 min
Delta R.T.: -0.007 min
Response: 2957494
Conc: 20.43 ug/ml



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

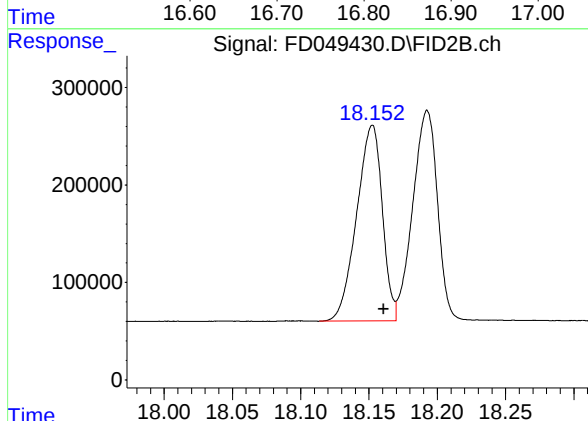
R.T.: 16.443 min
Delta R.T.: -0.006 min
Response: 2915562
Conc: 20.32 ug/ml

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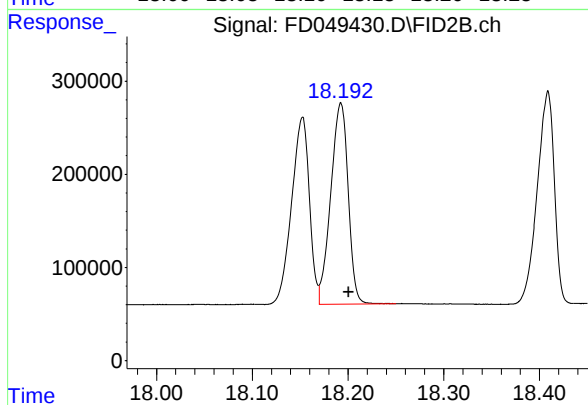
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2793997
Conc: 20.56 ug/ml



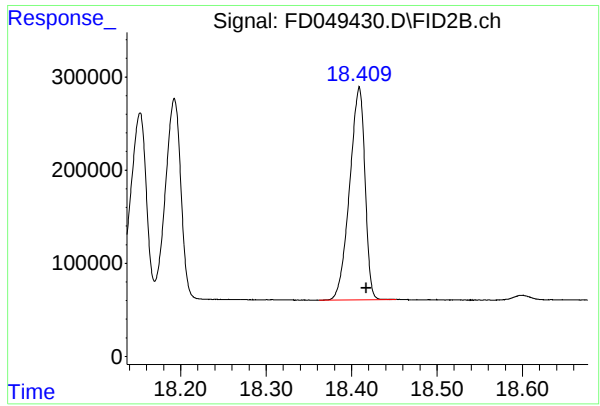
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.152 min
Delta R.T.: -0.008 min
Response: 2626114
Conc: 20.56 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.008 min
Response: 2725206
Conc: 20.24 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.008 min
Response: 2847058
Conc: 21.12 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD