

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049455.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 09:21
 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 09:59:25 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	3122998	18.787 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
6) S 2-Fluorobiphenyl (SURR)	8.597	2153851	18.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.66%
11) S ortho-Terphenyl (SURR)	11.643	3589695	17.884 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3178538	19.978 ug/ml
2) T Naphthalene (C11.7)	6.068	3429027	19.529 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	3418786	19.137 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3632462	18.752 ug/ml
7) T Acenaphthene (C15.5)	8.697	3550296	18.664 ug/ml
8) T Fluorene (C16.55)	9.478	3612504	18.476 ug/ml
9) T Phenanthrene (C19.36)	10.876	3539513	18.615 ug/ml
10) T Anthracene (C19.43)	10.950	3124031	17.870 ug/ml
12) T Fluoranthene (C21.85)	12.690	3494605	19.374 ug/ml
13) T Pyrene (C20.8)	12.988	3490593	19.557 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3132125	20.608 ug/ml
15) T Chrysene (C27.41)	14.902	3164556	20.839 ug/ml
16) T benzo[b]fluoranthene ...	16.410	3149005	21.755 ug/ml
17) T Bnezo[k]fluoranthene ...	16.444	3108666	21.663 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2973402	21.877 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2829090	22.149 ug/ml
20) T Dibenz[a,h]anthracene...	18.194	3026415	22.480 ug/ml
21) T Benzo[g,h,i]perylene ...	18.410	3039184	22.548 ug/ml

(f)=RT Delta > 1/2 Window

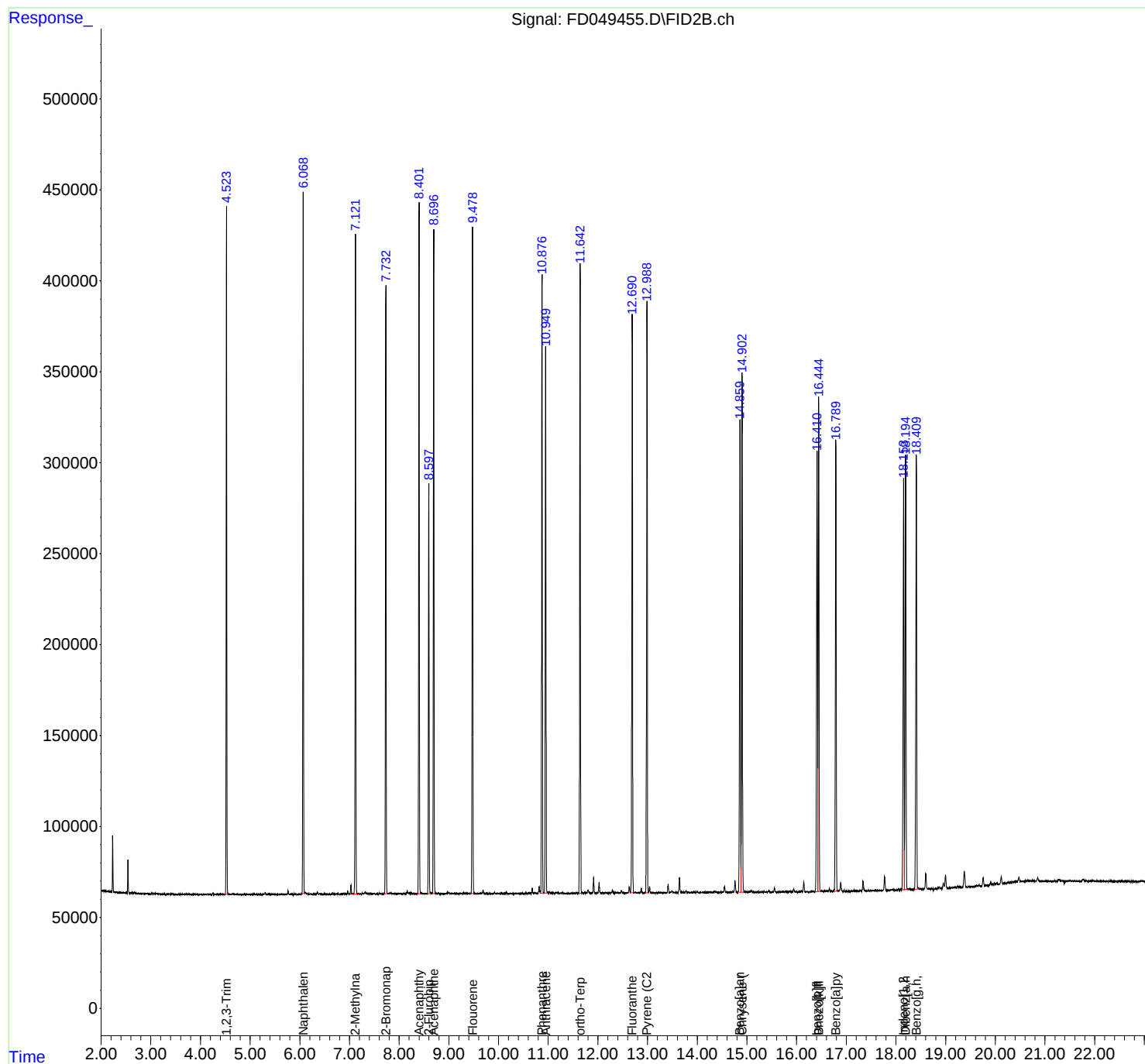
(m)=manual int.

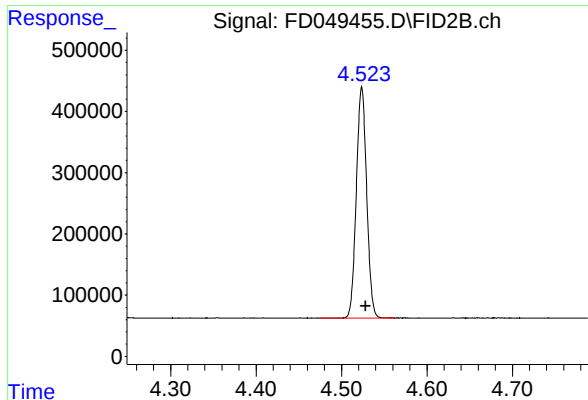
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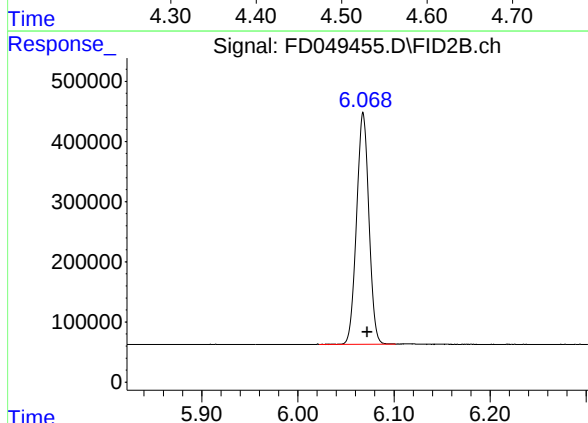




#1 1,2,3-Trimethylbenzene (C10.1)

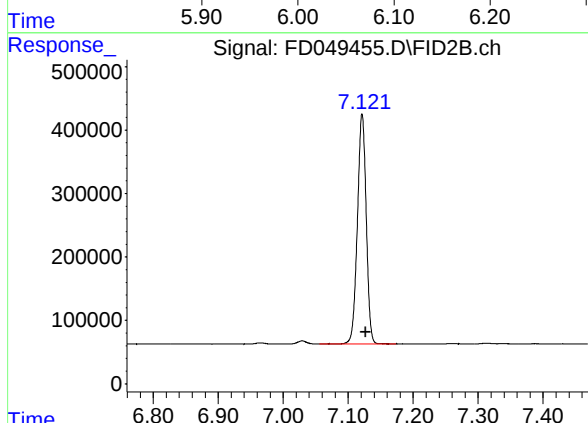
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3178538
Conc: 19.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



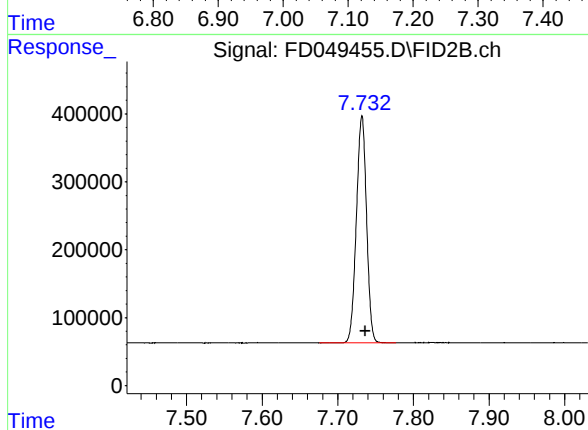
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 3429027
Conc: 19.53 ug/ml



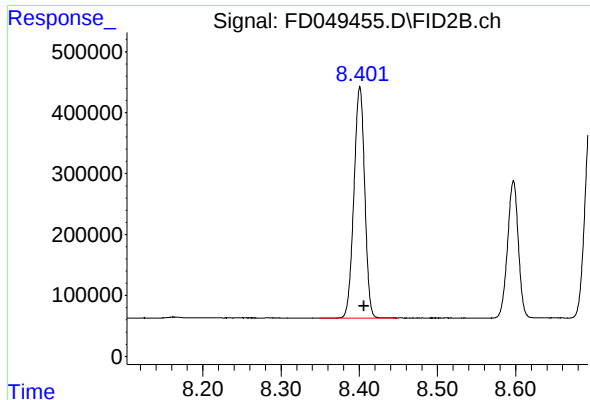
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 3418786
Conc: 19.14 ug/ml



#4 2-Bromonaphthalene (SURR)

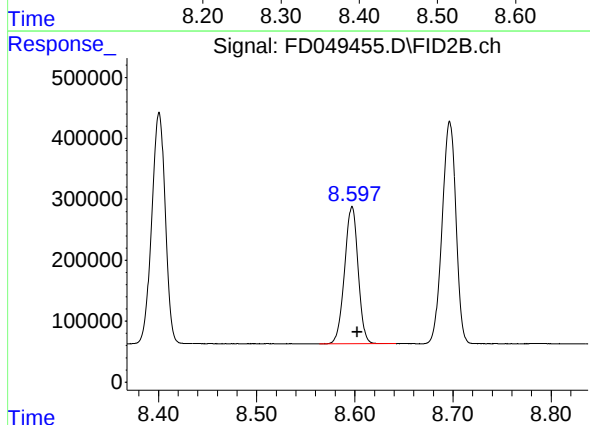
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 3122998
Conc: 18.79 ug/ml



#5 Acenaphthylene (C15.06)

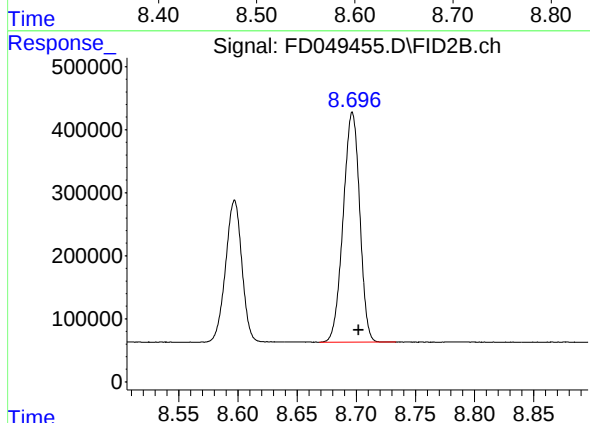
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3632462
Conc: 18.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



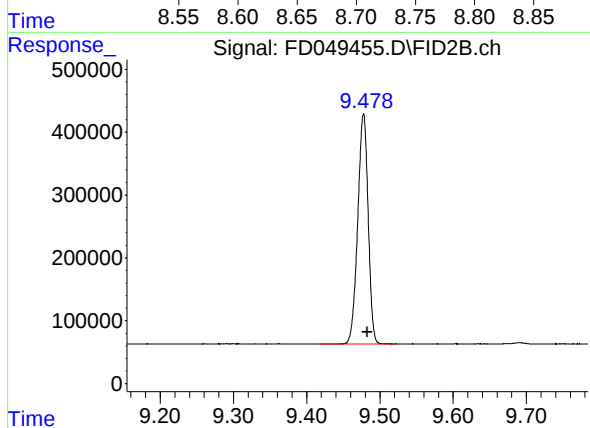
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2153851
Conc: 18.83 ug/ml



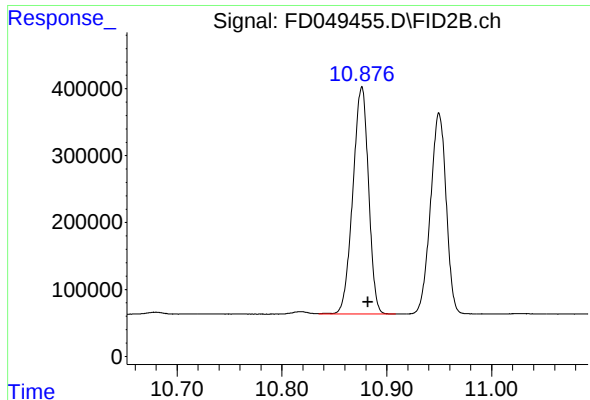
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 3550296
Conc: 18.66 ug/ml



#8 Flouorene (C16.55)

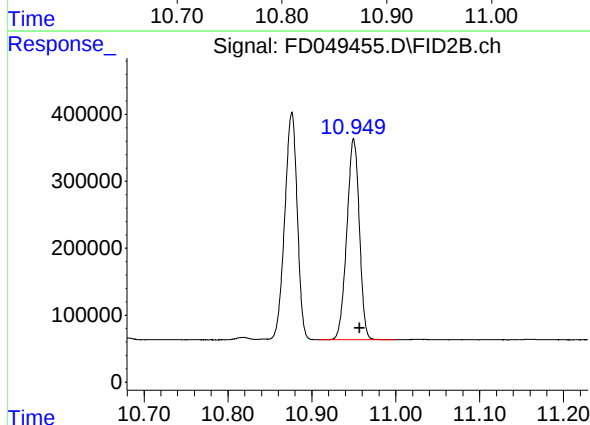
R.T.: 9.478 min
Delta R.T.: -0.005 min
Response: 3612504
Conc: 18.48 ug/ml



#9 Phenanthrene (C19.36)

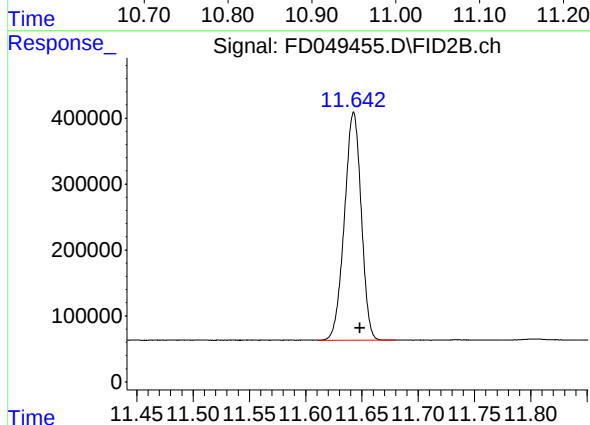
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3539513
Conc: 18.62 ug/ml

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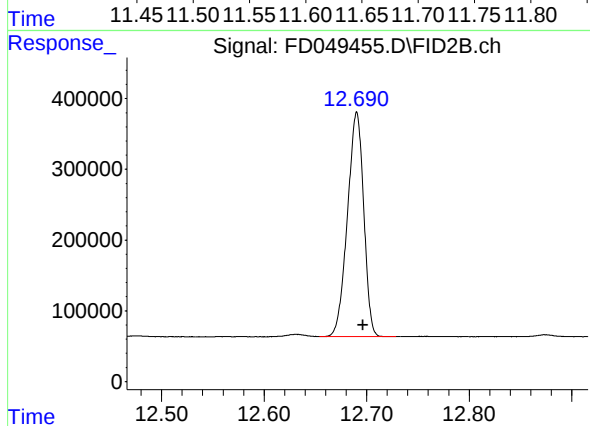
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3124031
Conc: 17.87 ug/ml



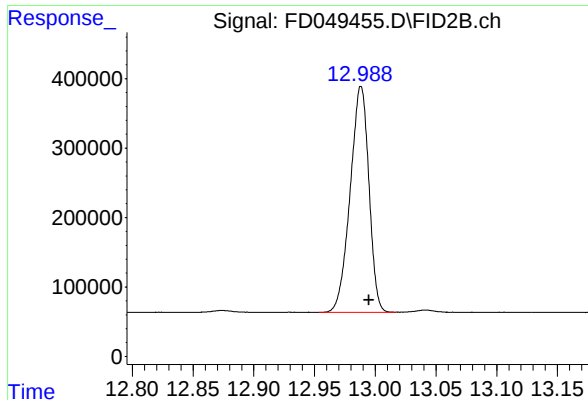
#11 ortho-Terphenyl (SURRE)

R.T.: 11.643 min
Delta R.T.: -0.006 min
Response: 3589695
Conc: 17.88 ug/ml



#12 Fluoranthene (C21.85)

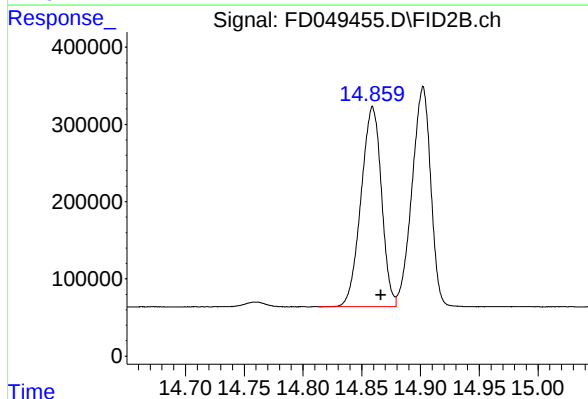
R.T.: 12.690 min
Delta R.T.: -0.006 min
Response: 3494605
Conc: 19.37 ug/ml



#13 Pyrene (C20.8)

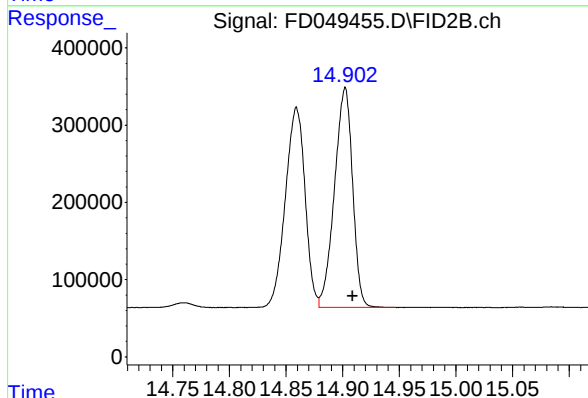
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3490593
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



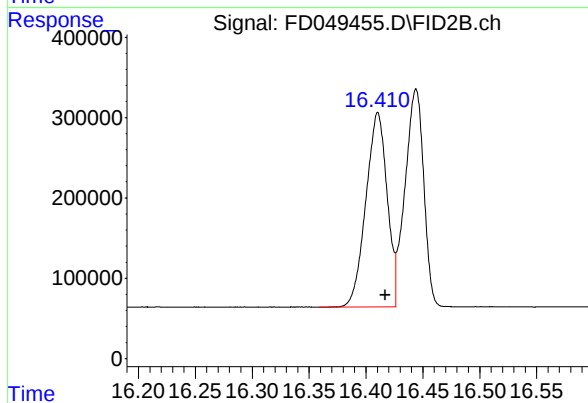
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3132125
Conc: 20.61 ug/ml



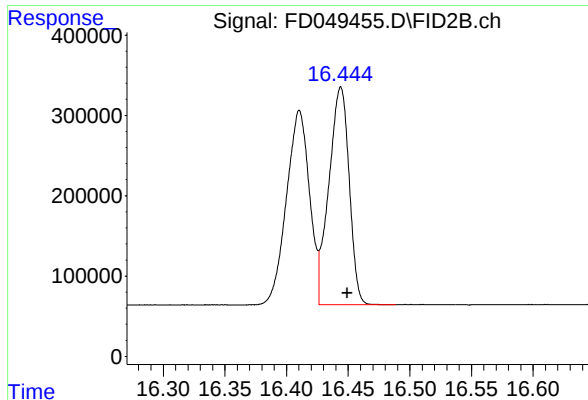
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.007 min
Response: 3164556
Conc: 20.84 ug/ml



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

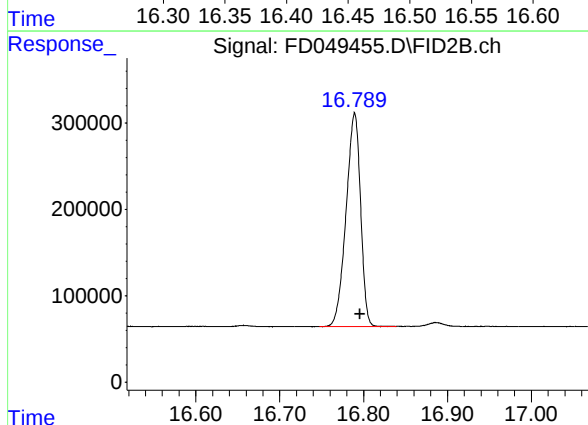
R.T.: 16.410 min
Delta R.T.: -0.006 min
Response: 3149005
Conc: 21.76 ug/ml



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

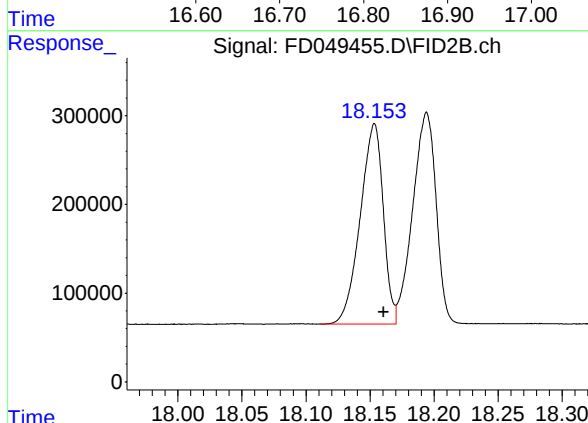
R.T.: 16.444 min
Delta R.T.: -0.005 min
Response: 3108666
Conc: 21.66 ug/ml

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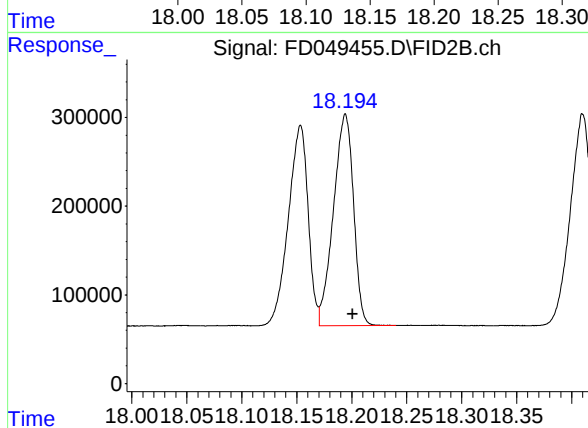
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.006 min
Response: 2973402
Conc: 21.88 ug/ml



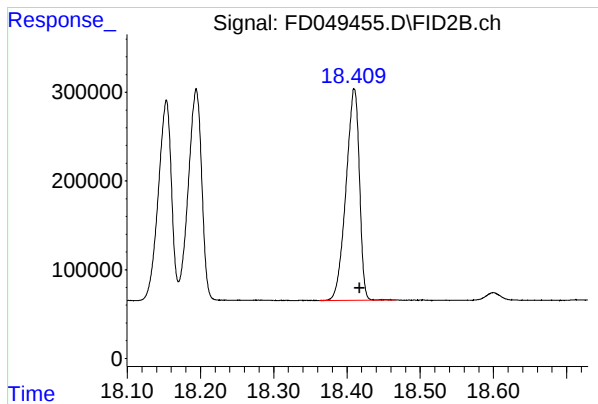
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.007 min
Response: 2829090
Conc: 22.15 ug/ml



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

R.T.: 18.194 min
Delta R.T.: -0.007 min
Response: 3026415
Conc: 22.48 ug/ml



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

R.T.: 18.410 min

Delta R.T.: -0.007 min

Response: 3039184

Conc: 22.55 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD