

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092523AR\
 Data File : FD046574.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 19:49
 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 26 00:16:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 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...	7.490	3691760	20.949 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.343	2436371	21.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.06%
11) S ortho-Terphenyl (SURR)	11.381	4382831	21.513 ug/ml
Spiked Amount 50.000		Recovery =	43.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	3832748	20.751 ug/ml
2) T Naphthalene (C11.7)	5.830	4035309	20.883 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	4075346	21.030 ug/ml
5) T Acenaphthylene (C15.06)	8.147	3695194	20.957 ug/ml
7) T Acenaphthene (C15.5)	8.442	3975195	21.157 ug/ml
8) T Fluorene (C16.55)	9.220	3824446	21.201 ug/ml
9) T Phenanthrene (C19.36)	10.609	3762462	21.399 ug/ml
10) T Anthracene (C19.43)	10.682	3293853	21.445 ug/ml
12) T Fluoranthene (C21.85)	12.411	3753995	22.025 ug/ml
13) T Pyrene (C20.8)	12.706	3586282	21.861 ug/ml
14) T Benzo[a]anthracene (C...	14.567	3042854	21.792 ug/ml
15) T Chrysene (C27.41)	14.610	3293254	21.694 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3016936	21.995 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	3128964	22.588 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2837751	21.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2582909	20.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2902956	21.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2726740	20.677 ug/ml

(f)=RT Delta > 1/2 Window

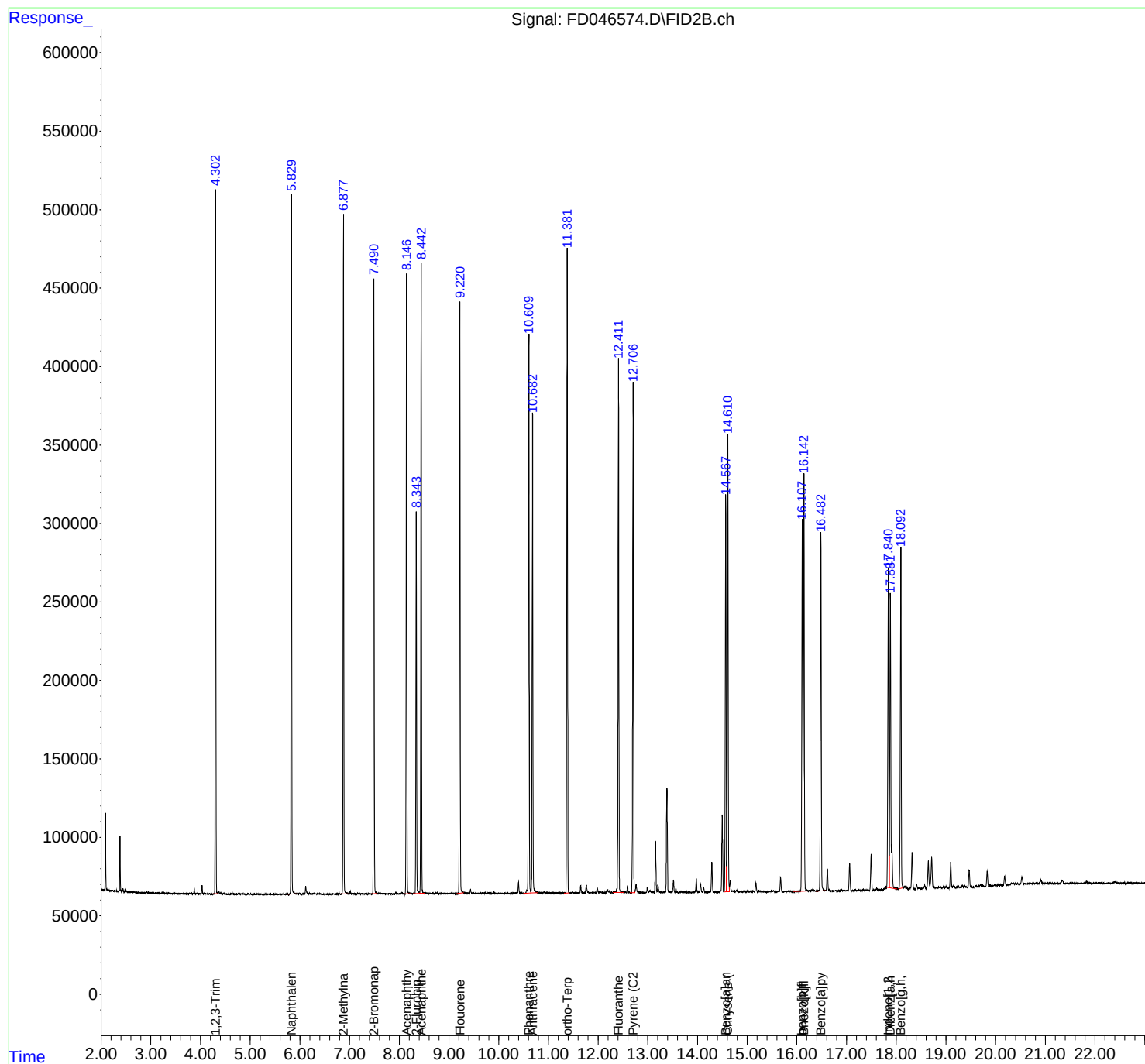
(m)=manual int.

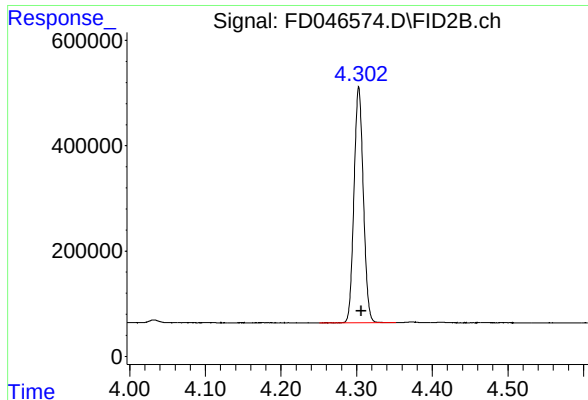
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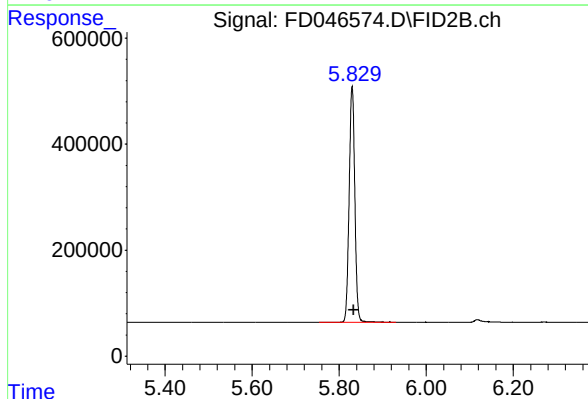




#1 1,2,3-Trimethylbenzene (C10.1)

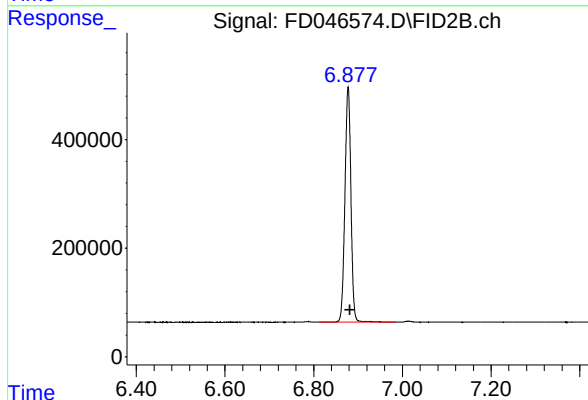
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 3832748
Conc: 20.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



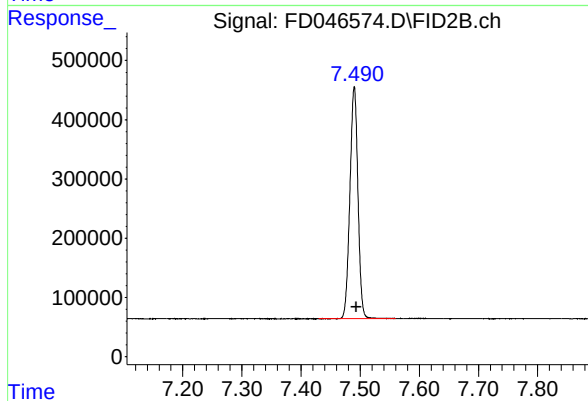
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 4035309
Conc: 20.88 ug/ml



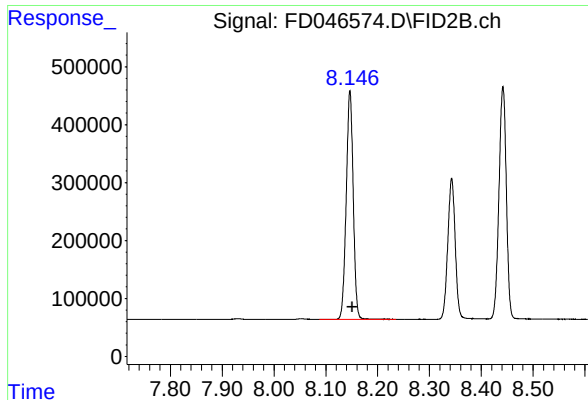
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.005 min
Response: 4075346
Conc: 21.03 ug/ml



#4 2-Bromonaphthalene (SURR)

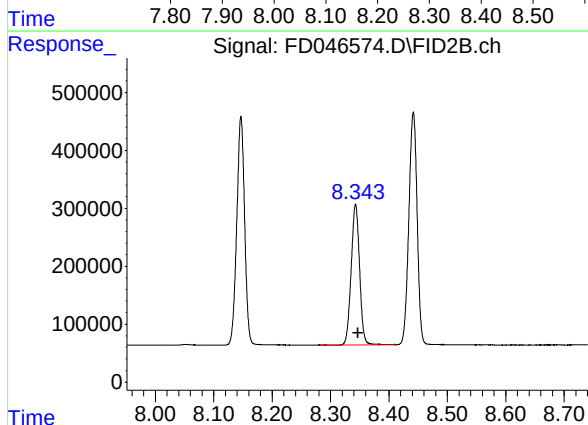
R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 3691760
Conc: 20.95 ug/ml



#5 Acenaphthylene (C15.06)

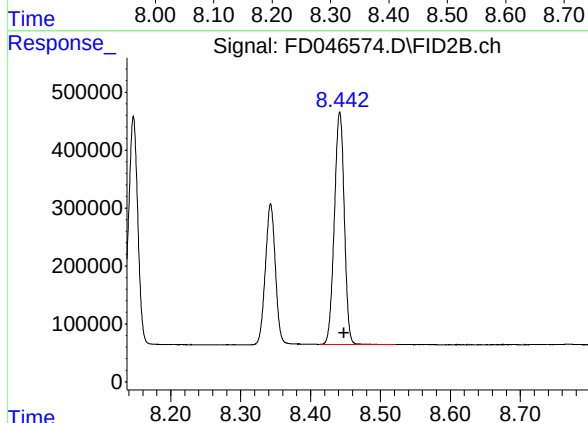
R.T.: 8.147 min
Delta R.T.: -0.005 min
Response: 3695194
Conc: 20.96 ug/ml

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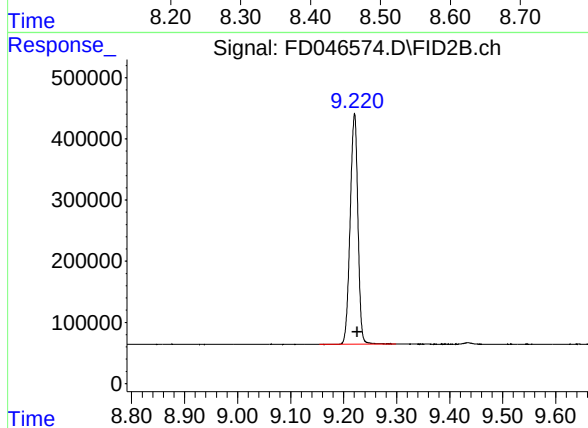
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 2436371
Conc: 21.03 ug/ml



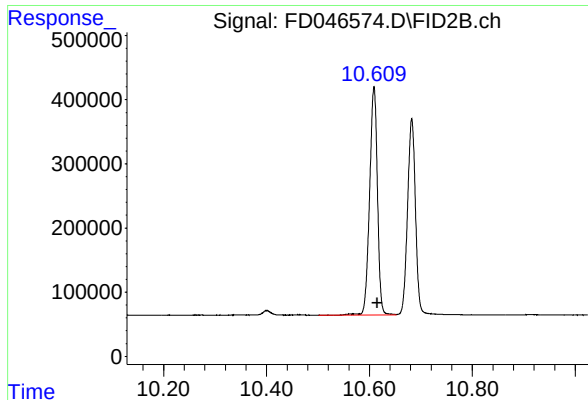
#7 Acenaphthene (C15.5)

R.T.: 8.442 min
Delta R.T.: -0.006 min
Response: 3975195
Conc: 21.16 ug/ml



#8 Fluorene (C16.55)

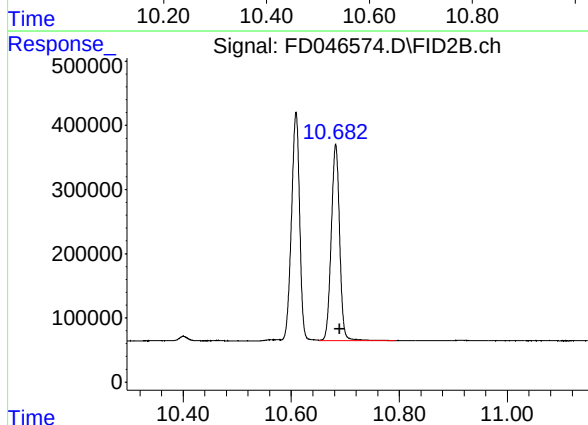
R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 3824446
Conc: 21.20 ug/ml



#9 Phenanthrene (C19.36)

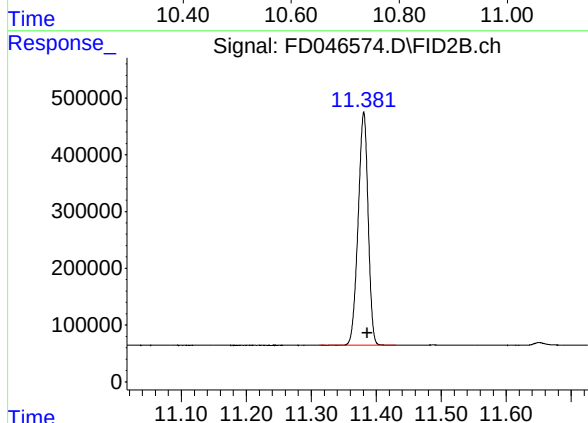
R.T.: 10.609 min
Delta R.T.: -0.007 min
Response: 3762462
Conc: 21.40 ug/ml

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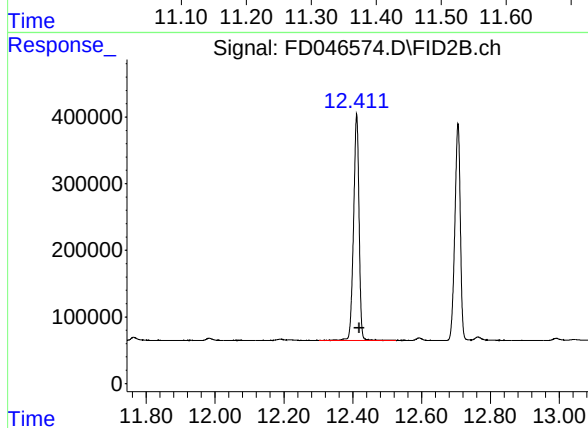
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.007 min
Response: 3293853
Conc: 21.45 ug/ml



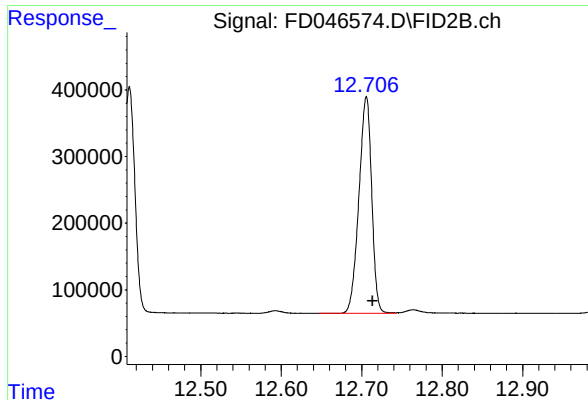
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.006 min
Response: 4382831
Conc: 21.51 ug/ml



#12 Fluoranthene (C21.85)

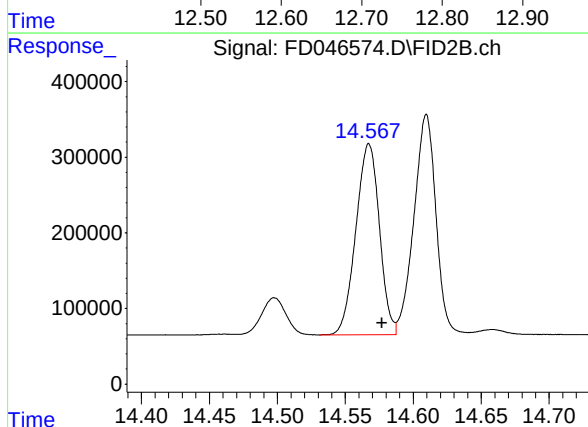
R.T.: 12.411 min
Delta R.T.: -0.008 min
Response: 3753995
Conc: 22.03 ug/ml



#13 Pyrene (C20.8)

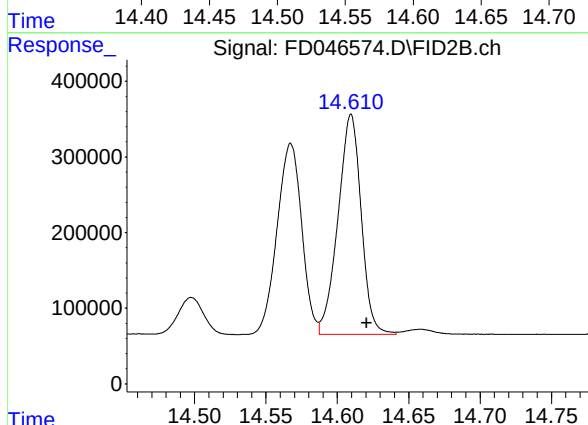
R.T.: 12.706 min
Delta R.T.: -0.008 min
Response: 3586282
Conc: 21.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



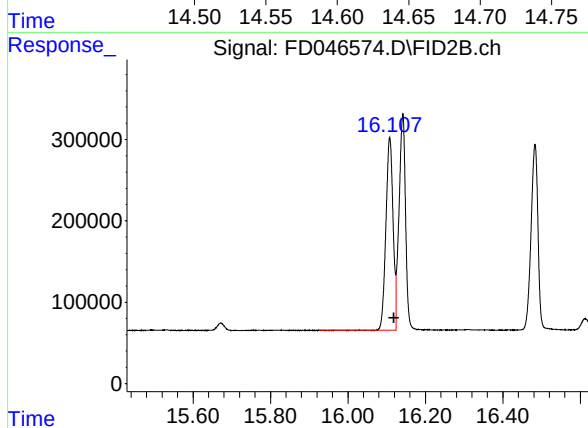
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 3042854
Conc: 21.79 ug/ml



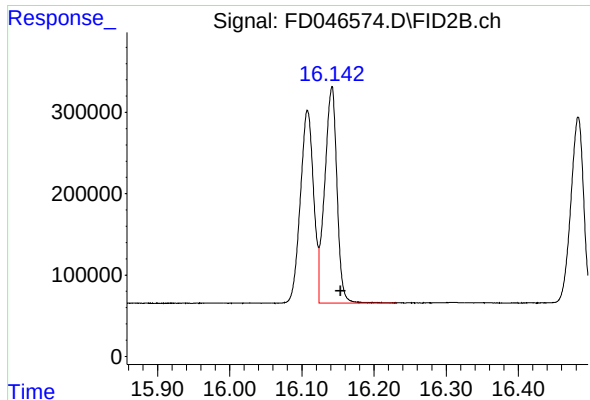
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3293254
Conc: 21.69 ug/ml



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

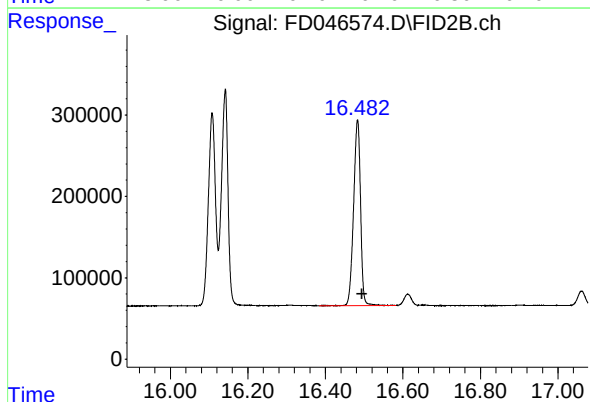
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 3016936
Conc: 21.99 ug/ml



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

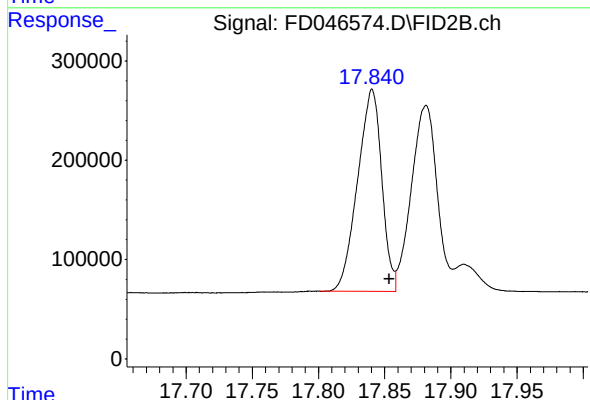
R.T.: 16.141 min
Delta R.T.: -0.012 min
Response: 3128964
Conc: 22.59 ug/ml

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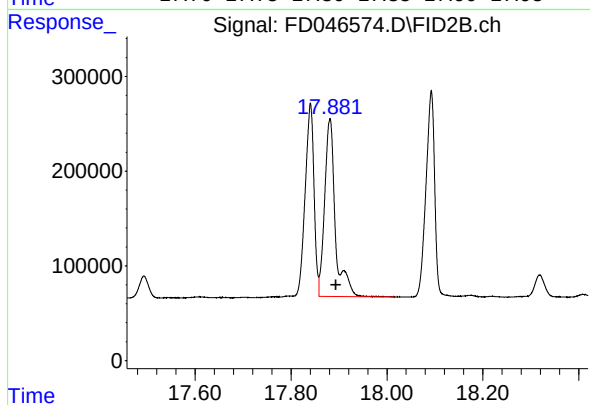
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2837751
Conc: 21.21 ug/ml



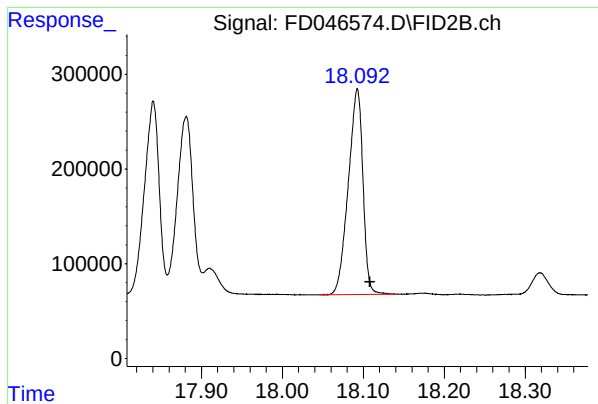
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2582909
Conc: 20.61 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 2902956
Conc: 21.82 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.016 min
Response: 2726740
Conc: 20.68 ug/ml

Instrument :

FID_D

ClientSampleId :

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