

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AR\
 Data File : FD046489.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2023 20:06
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :Ankita Jodhani 09/15/2023

Integration File: autoint1.e
 Quant Time: Sep 15 01:46:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:46:39 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	931458	5.286 ug/ml
Spiked Amount 50.000		Recovery =	10.57%
6) S 2-Fluorobiphenyl (SURR)	8.343	595922	5.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.29%
11) S ortho-Terphenyl (SURR)	11.379	1087437	5.338 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	995457	5.390 ug/ml
2) T Naphthalene (C11.7)	5.831	1034528	5.354 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	1018375	5.255 ug/ml
5) T Acenaphthylene (C15.06)	8.147	935009	5.303 ug/ml
7) T Acenaphthene (C15.5)	8.441	995018	5.296 ug/ml
8) T Fluorene (C16.55)	9.220	918193	5.090 ug/ml
9) T Phenanthrene (C19.36)	10.608	916204	5.211 ug/ml
10) T Anthracene (C19.43)	10.682	842767	5.487 ug/ml
12) T Fluoranthene (C21.85)	12.410	881393	5.171 ug/ml
13) T Pyrene (C20.8)	12.703	840325	5.122 ug/ml
14) T Benzo[a]anthracene (C...	14.565	707986	5.068 ug/mlm
15) T Chrysene (C27.41)	14.608	797237	5.252 ug/ml
16) T benzo[b]fluoranthene ...	16.106	700591	5.108 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	732363	5.287 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	699163	5.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.838	621904	4.961 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	739614	5.558 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	690555	5.237 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FD046489.D
Signal(s) : FID2B.ch
Acq On : 14 Sep 2023 20:06
Operator : YP/AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 60 Sample Multiplier: 1

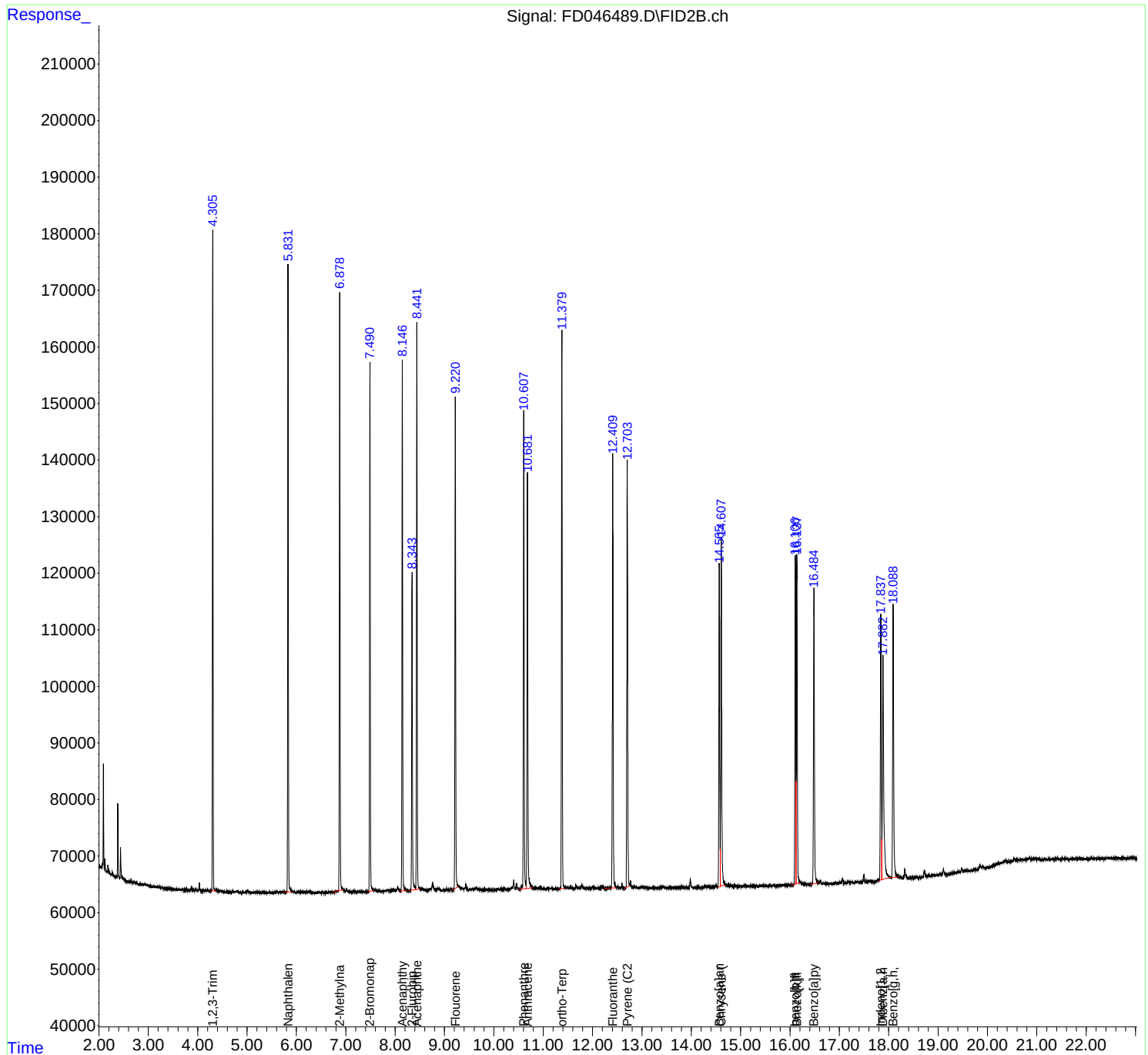
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

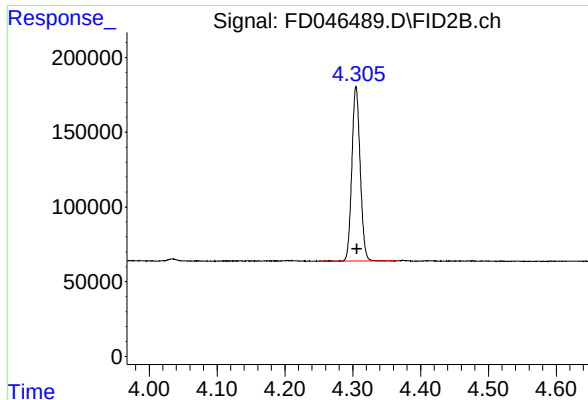
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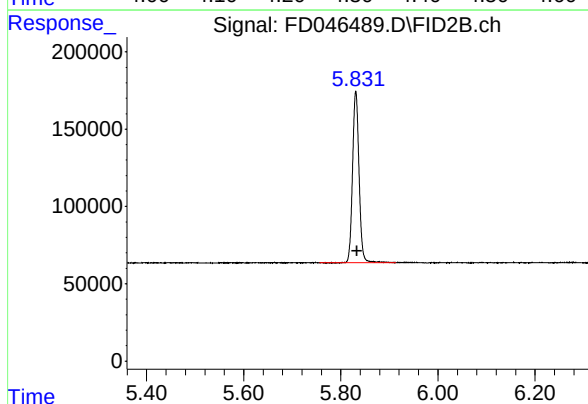
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 995457
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

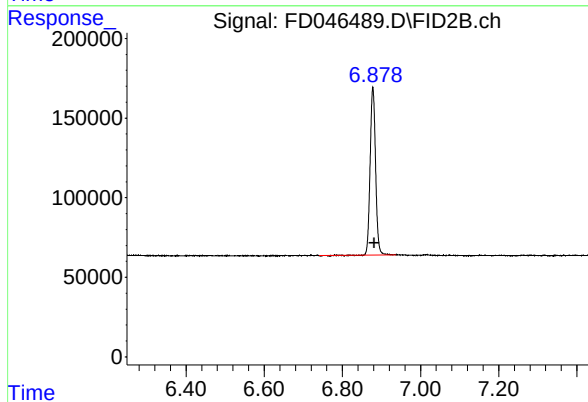
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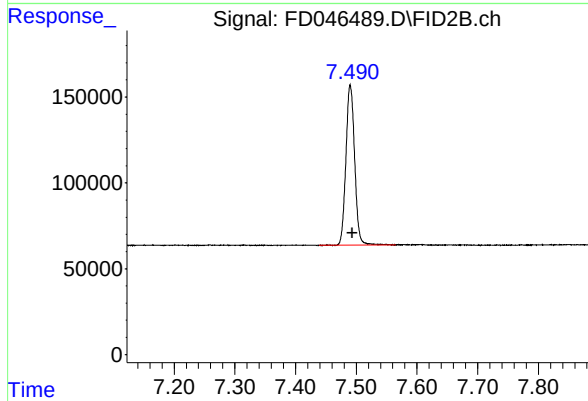
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 1034528
Conc: 5.35 ug/ml



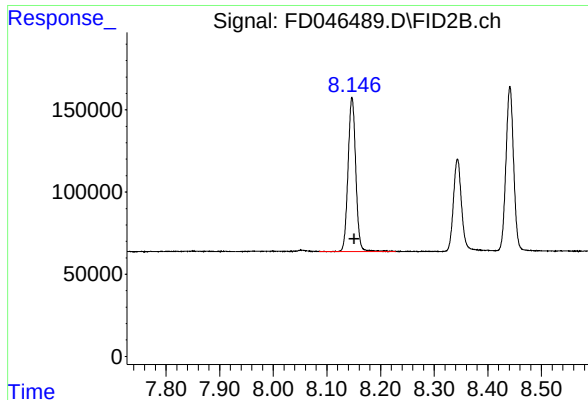
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 1018375
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 931458
Conc: 5.29 ug/ml



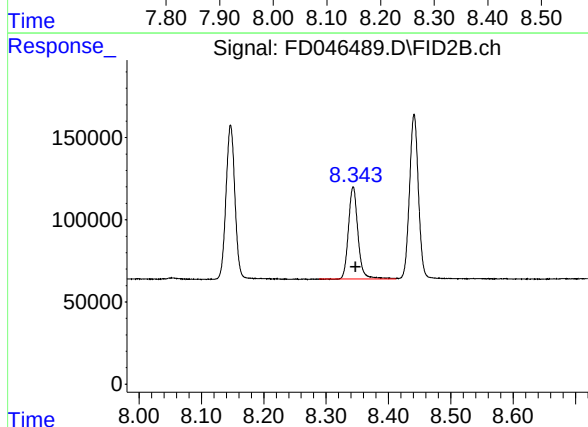
#5 Acenaphthylene (C15.06)

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 935009
Conc: 5.30 ug/ml

Instrument :
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ClientSampleId :
5 PPM AROMATIC HC STD5

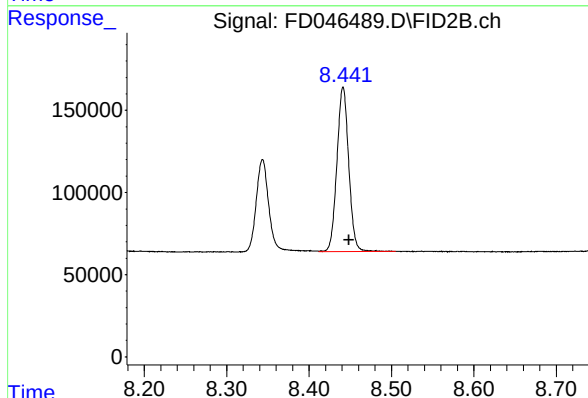
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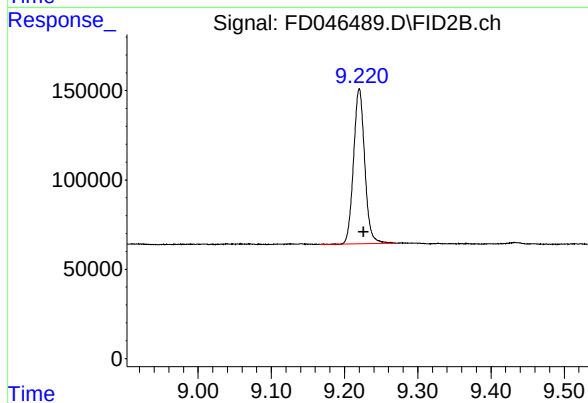
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.343 min
Delta R.T.: -0.004 min
Response: 595922
Conc: 5.14 ug/ml



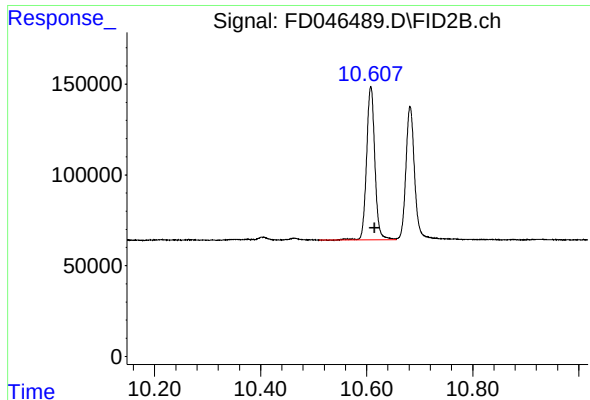
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 995018
Conc: 5.30 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 918193
Conc: 5.09 ug/ml



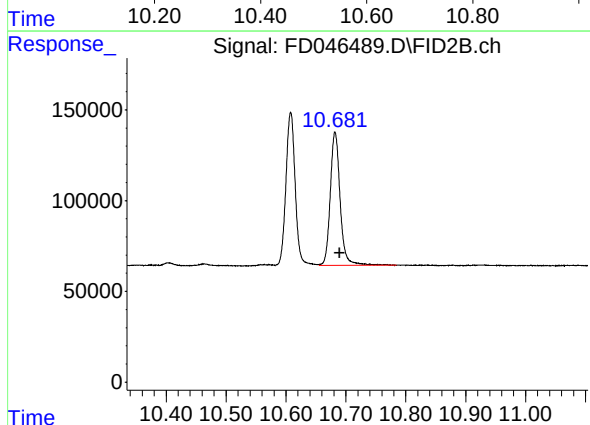
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 916204
Conc: 5.21 ug/ml

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5 PPM AROMATIC HC STD5

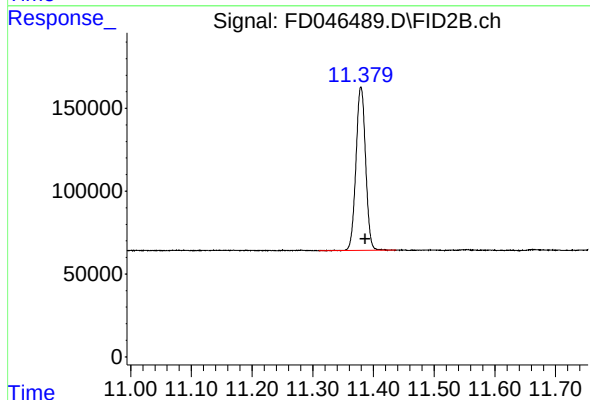
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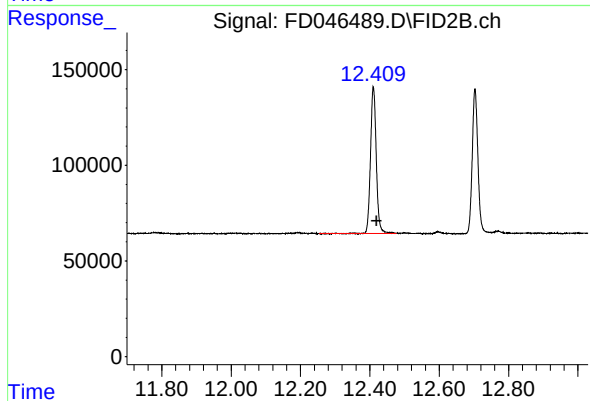
#10 Anthracene (C19.43)

R.T.: 10.682 min
Delta R.T.: -0.007 min
Response: 842767
Conc: 5.49 ug/ml



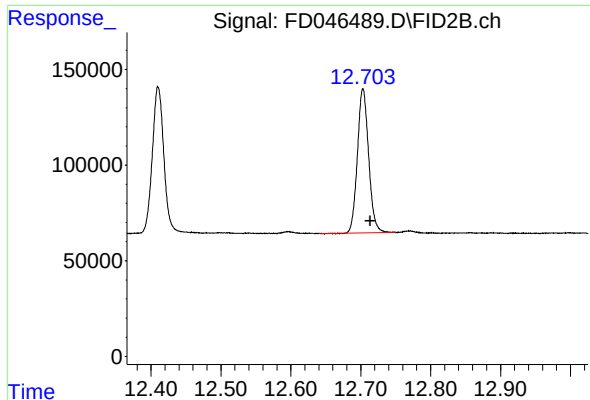
#11 ortho-Terphenyl (SURRE)

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 1087437
Conc: 5.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 881393
Conc: 5.17 ug/ml



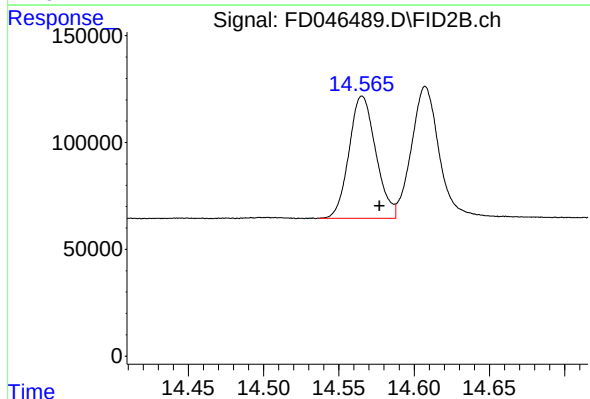
#13 Pyrene (C20.8)

R.T.: 12.703 min
Delta R.T.: -0.010 min
Response: 840325
Conc: 5.12 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5

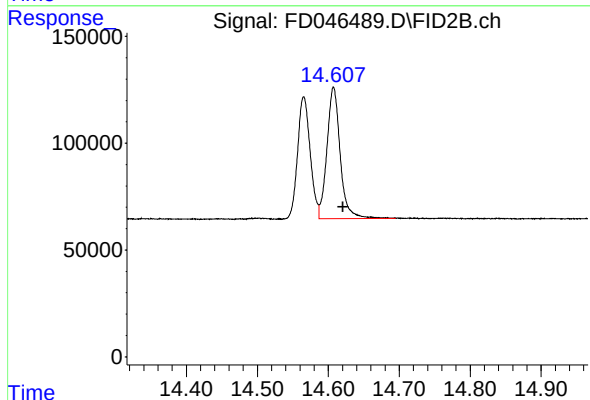
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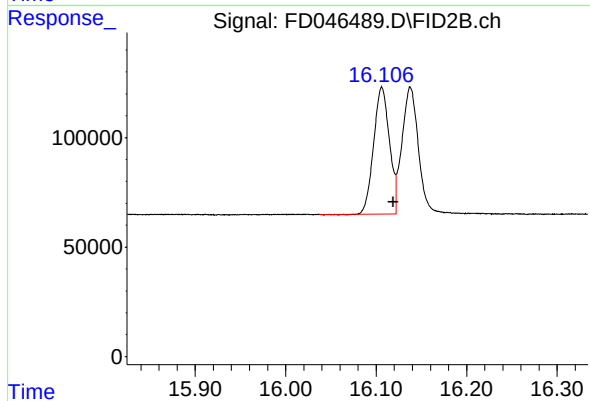
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.565 min
Delta R.T.: -0.012 min
Response: 707986
Conc: 5.07 ug/ml m



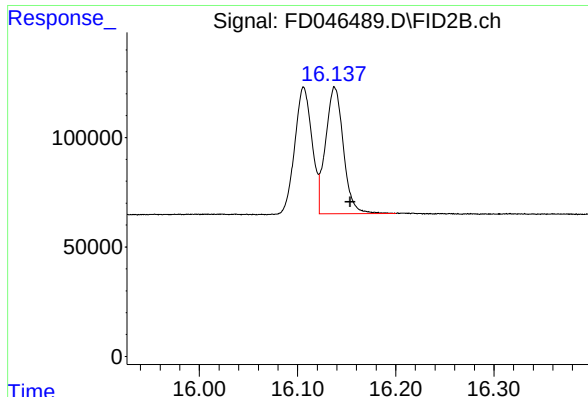
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.013 min
Response: 797237
Conc: 5.25 ug/ml



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

R.T.: 16.106 min
Delta R.T.: -0.013 min
Response: 700591
Conc: 5.11 ug/ml



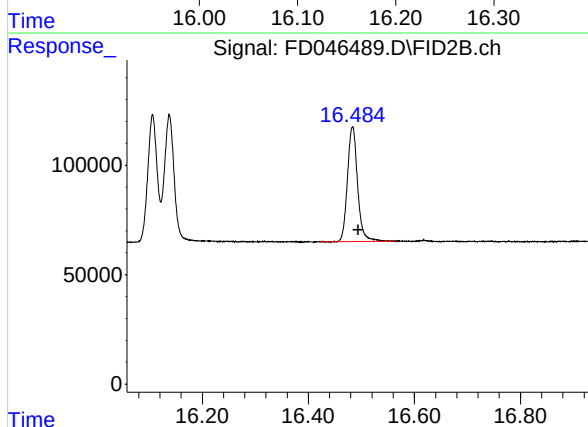
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.138 min
Delta R.T.: -0.016 min
Response: 732363
Conc: 5.29 ug/ml

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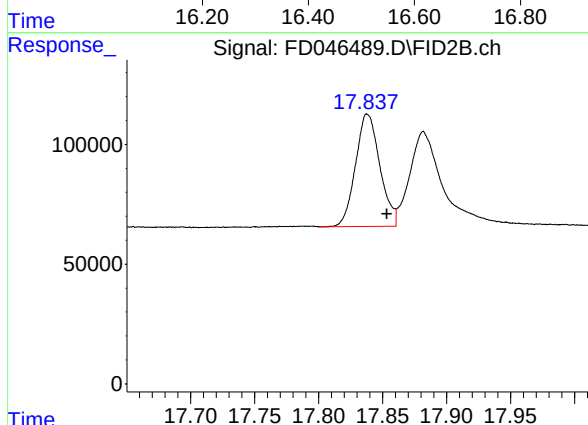
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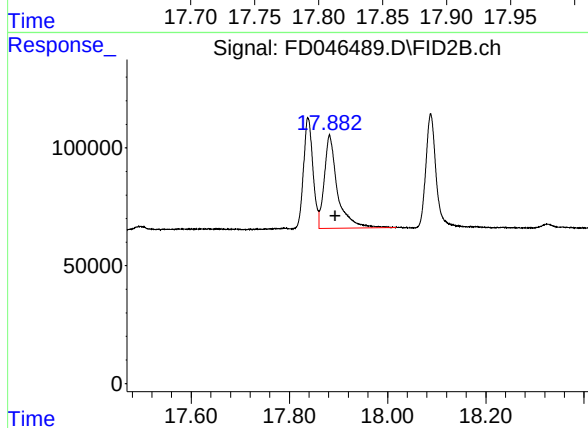
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.011 min
Response: 699163
Conc: 5.23 ug/ml



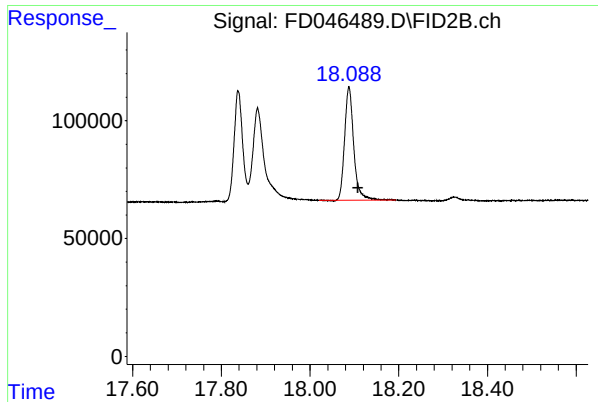
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.838 min
Delta R.T.: -0.015 min
Response: 621904
Conc: 4.96 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 739614
Conc: 5.56 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.020 min
Response: 690555
Conc: 5.24 ug/ml

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