

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046946.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 20:22
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:53:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.476	3765843	20.649 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
6) S 2-Fluorobiphenyl (SURR)	8.330	2526628	21.470 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.94%
11) S ortho-Terphenyl (SURR)	11.367	4576717	21.613 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	3832833	19.846 ug/ml
2) T Naphthalene (C11.7)	5.816	4054835	20.249 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	4140601	20.602 ug/ml
5) T Acenaphthylene (C15.06)	8.133	3876476	21.076 ug/ml
7) T Acenaphthene (C15.5)	8.429	4118871	21.027 ug/ml
8) T Flouorene (C16.55)	9.207	4024139	21.756 ug/ml
9) T Phenanthrene (C19.36)	10.596	3922087	22.046 ug/ml
10) T Anthracene (C19.43)	10.670	3706651	21.750 ug/ml
12) T Fluoranthene (C21.85)	12.398	3888645	22.516 ug/ml
13) T Pyrene (C20.8)	12.692	3801453	22.862 ug/ml
14) T Benzo[a]anthracene (C...	14.555	3197690	22.728 ug/mlm
15) T Chrysene (C27.41)	14.597	3446104	22.097 ug/mlm
16) T benzo[b]fluoranthene ...	16.097	3259767	22.776 ug/ml
17) T Bnezo[k]fluoranthene ...	16.130	3299361	22.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.471	3166296	22.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.830	2923255	23.140 ug/mlm
20) T Dibenz[a,h]anthracene...	17.868	3003896	21.502 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.080	3083035	22.081 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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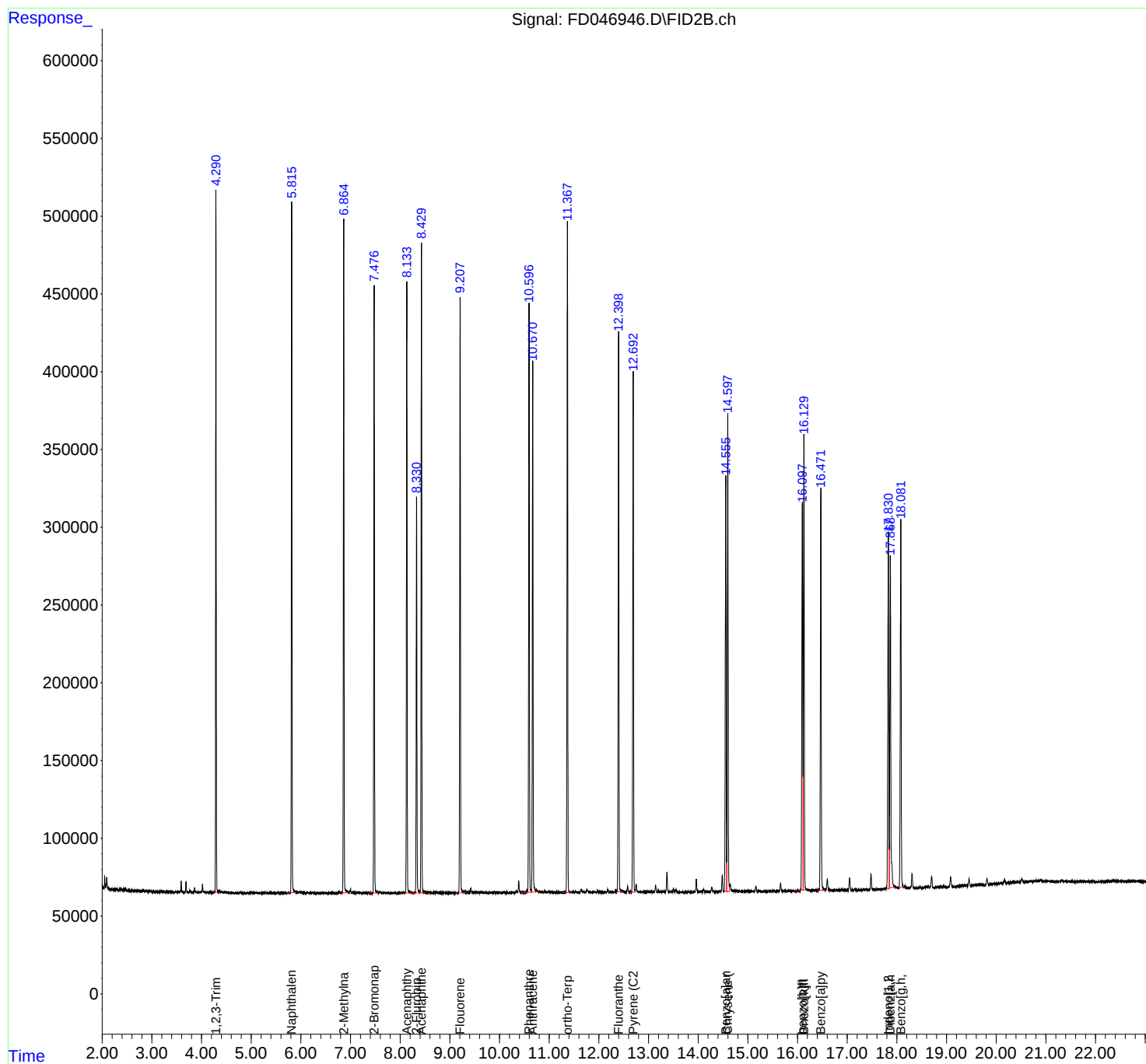
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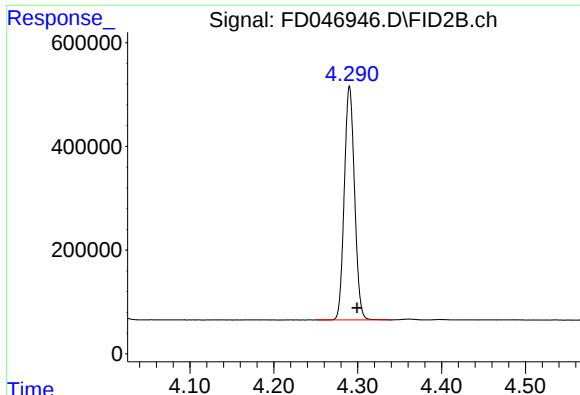
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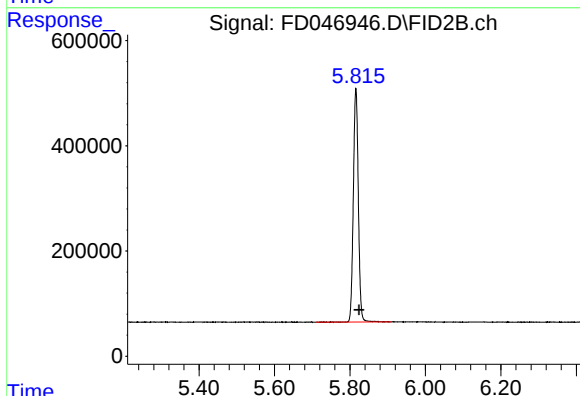
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.290 min
Delta R.T.: -0.009 min
Response: 3832833
Conc: 19.85 ug/ml

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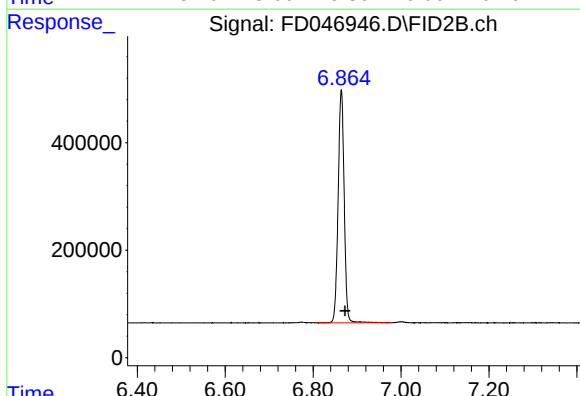
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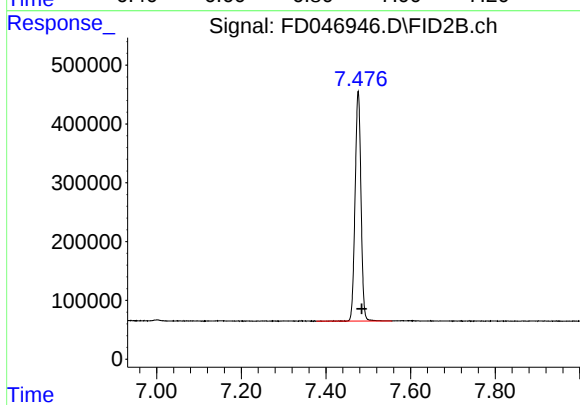
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.009 min
Response: 4054835
Conc: 20.25 ug/ml



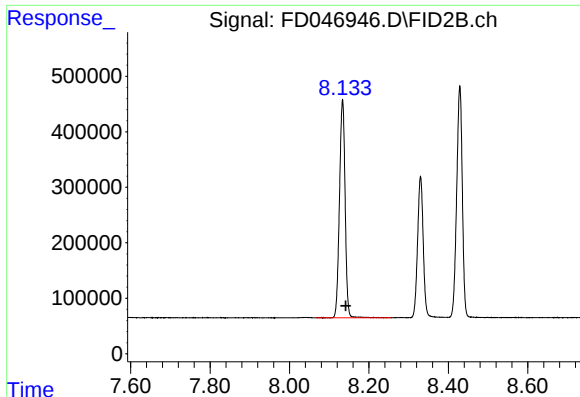
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.009 min
Response: 4140601
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.008 min
Response: 3765843
Conc: 20.65 ug/ml



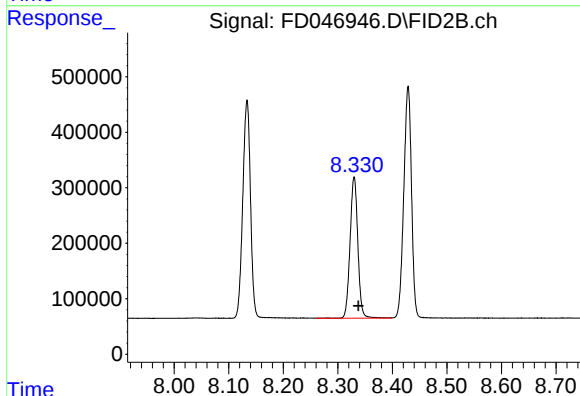
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: -0.008 min
Response: 3876476
Conc: 21.08 ug/ml

Instrument :
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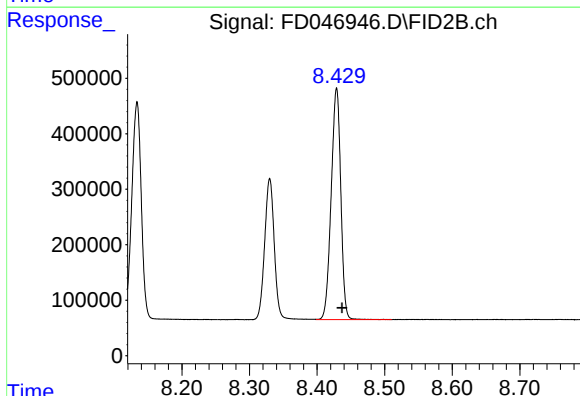
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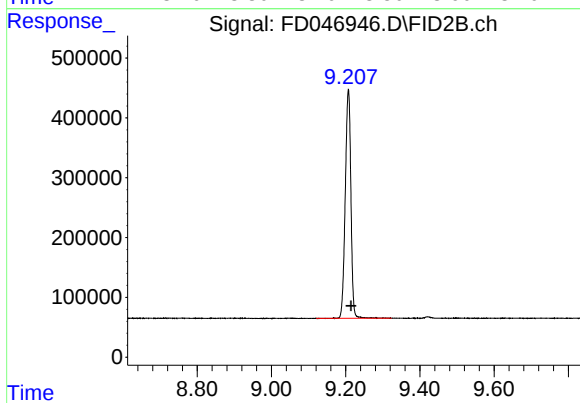
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.330 min
Delta R.T.: -0.008 min
Response: 2526628
Conc: 21.47 ug/ml



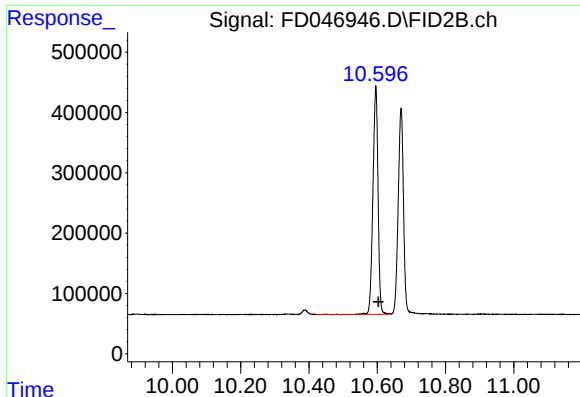
#7 Acenaphthene (C15.5)

R.T.: 8.429 min
Delta R.T.: -0.008 min
Response: 4118871
Conc: 21.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.207 min
Delta R.T.: -0.008 min
Response: 4024139
Conc: 21.76 ug/ml



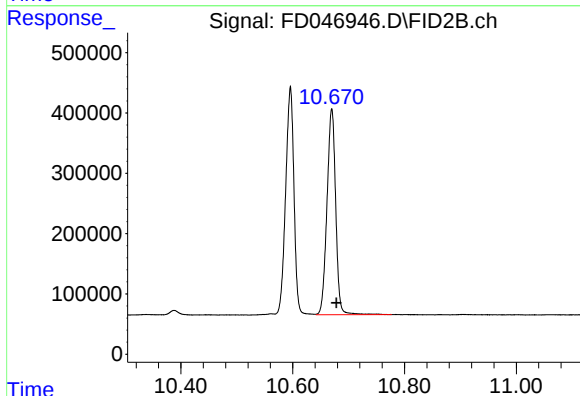
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: -0.008 min
Response: 3922087
Conc: 22.05 ug/ml

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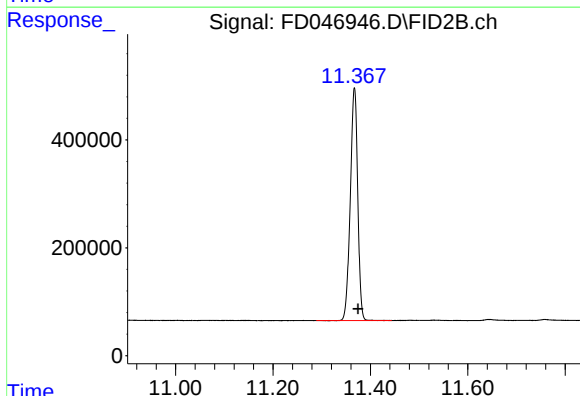
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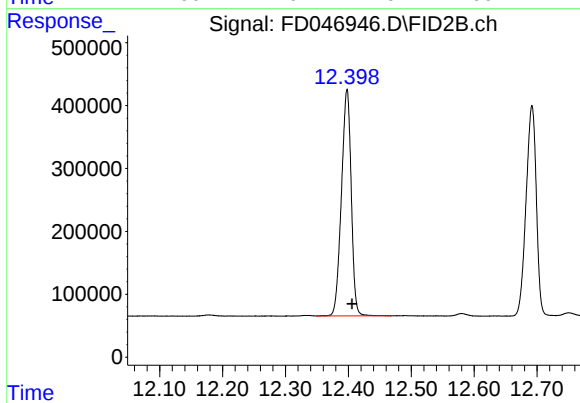
#10 Anthracene (C19.43)

R.T.: 10.670 min
Delta R.T.: -0.008 min
Response: 3706651
Conc: 21.75 ug/ml



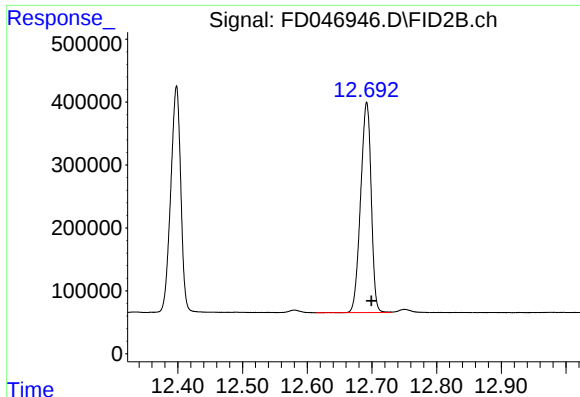
#11 ortho-Terphenyl (SURR)

R.T.: 11.367 min
Delta R.T.: -0.008 min
Response: 4576717
Conc: 21.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.008 min
Response: 3888645
Conc: 22.52 ug/ml



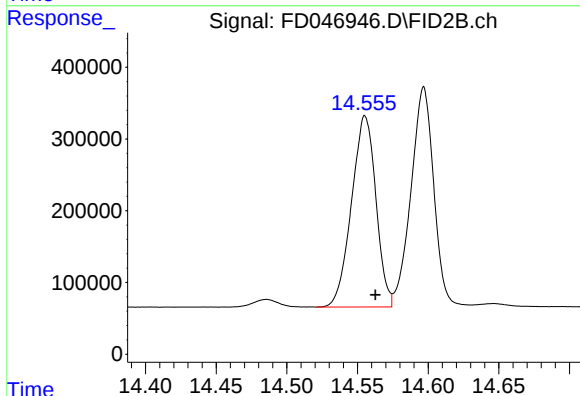
#13 Pyrene (C20.8)

R.T.: 12.692 min
Delta R.T.: -0.007 min
Response: 3801453
Conc: 22.86 ug/ml

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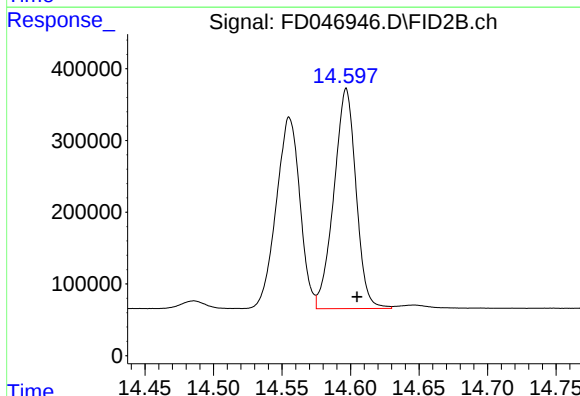
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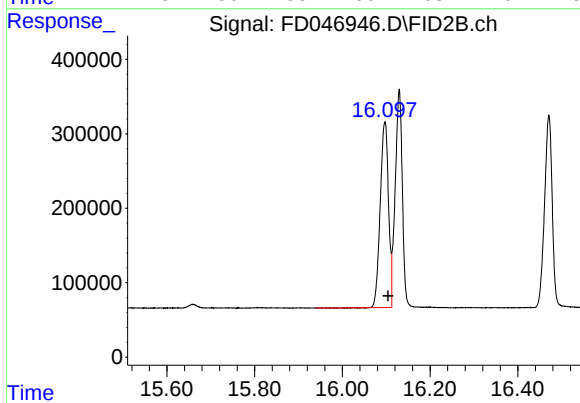
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.555 min
Delta R.T.: -0.008 min
Response: 3197690
Conc: 22.73 ug/ml m



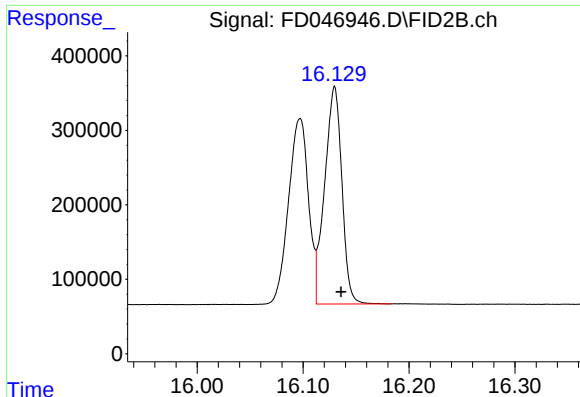
#15 Chrysene (C27.41)

R.T.: 14.597 min
Delta R.T.: -0.008 min
Response: 3446104
Conc: 22.10 ug/ml m



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

R.T.: 16.097 min
Delta R.T.: -0.007 min
Response: 3259767
Conc: 22.78 ug/ml



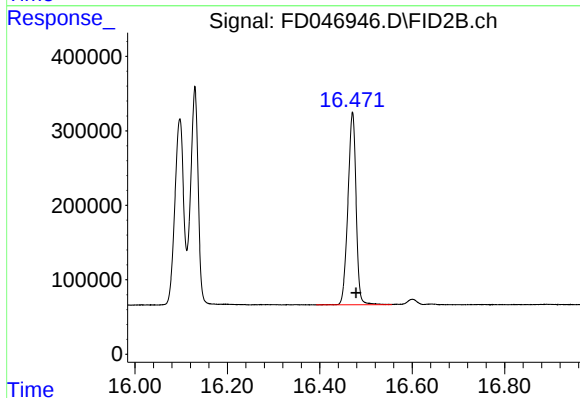
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.130 min
Delta R.T.: -0.006 min
Response: 3299361
Conc: 22.54 ug/ml

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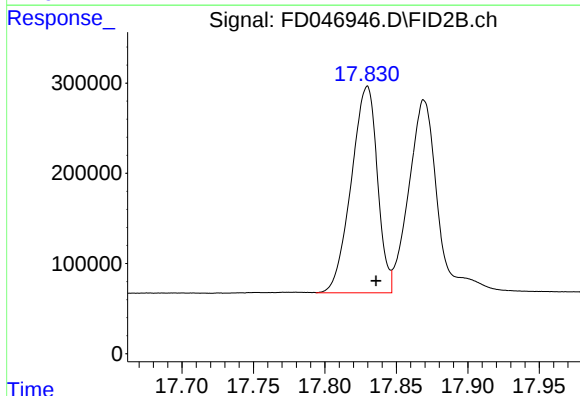
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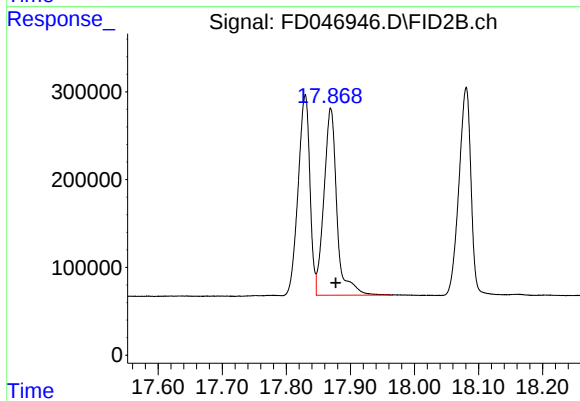
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min
Delta R.T.: -0.008 min
Response: 3166296
Conc: 22.59 ug/ml



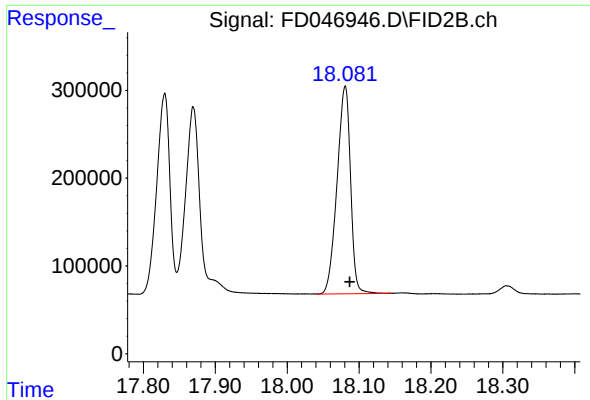
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.830 min
Delta R.T.: -0.006 min
Response: 2923255
Conc: 23.14 ug/ml m



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

R.T.: 17.868 min
Delta R.T.: -0.009 min
Response: 3003896
Conc: 21.50 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.007 min
Response: 3083035
Conc: 22.08 ug/ml

Instrument :

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