

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046926.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 07:27
 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 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 08:01:36 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	3729949	20.452 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.329	2482673	21.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.19%
11) S ortho-Terphenyl (SURR)	11.366	4512023	21.308 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	3803247	19.693 ug/ml
2) T Naphthalene (C11.7)	5.816	4023828	20.095 ug/ml
3) T 2-Methylnaphthalene (...)	6.863	4102549	20.412 ug/ml
5) T Acenaphthylene (C15.06)	8.132	3823627	20.789 ug/ml
7) T Acenaphthene (C15.5)	8.427	4065591	20.755 ug/ml
8) T Flouorene (C16.55)	9.206	3973699	21.483 ug/ml
9) T Phenanthrene (C19.36)	10.594	3860428	21.699 ug/ml
10) T Anthracene (C19.43)	10.668	3670557	21.539 ug/ml
12) T Fluoranthene (C21.85)	12.397	3828359	22.166 ug/ml
13) T Pyrene (C20.8)	12.690	3730238	22.434 ug/ml
14) T Benzo[a]anthracene (C...	14.554	3116454	22.151 ug/ml
15) T Chrysene (C27.41)	14.596	3303550	21.183 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3190700	22.293 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3242053	22.145 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	3088287	22.033 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	2846450	22.532 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	2913139	20.853 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.077	3005384	21.525 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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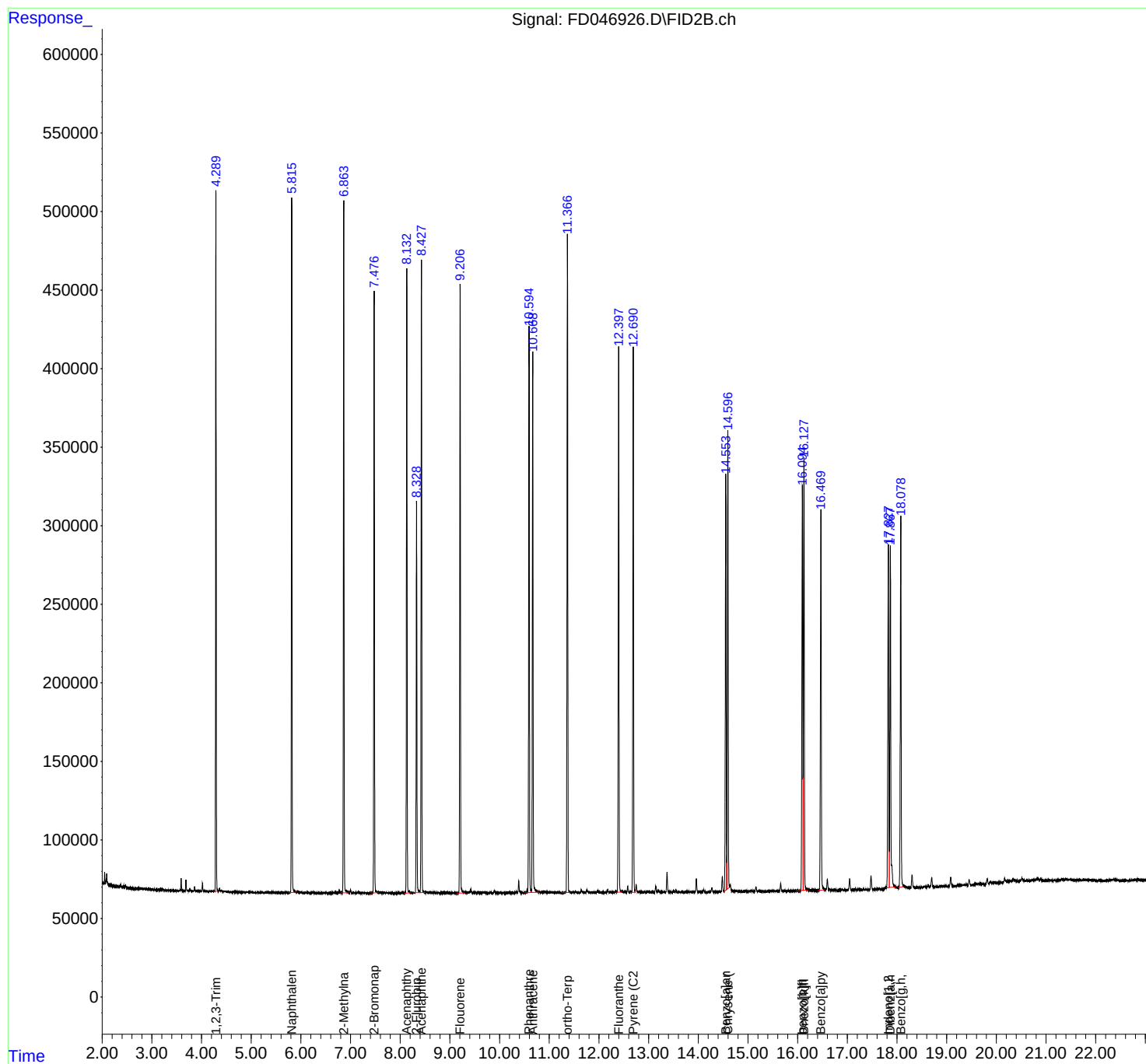
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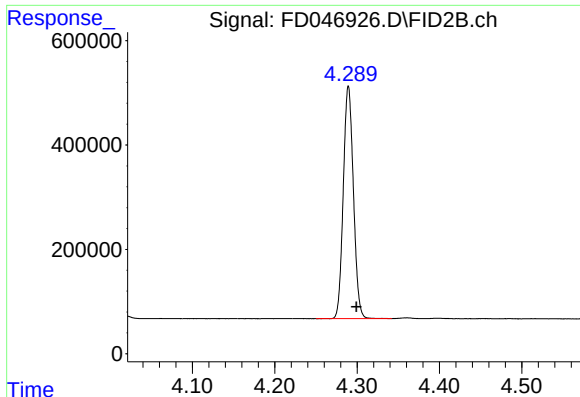
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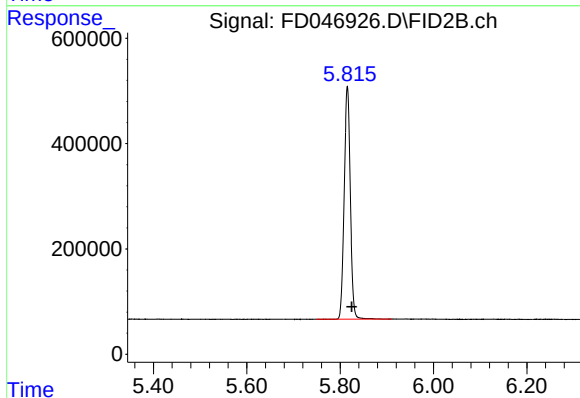
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.290 min
Delta R.T.: -0.009 min
Response: 3803247
Conc: 19.69 ug/ml

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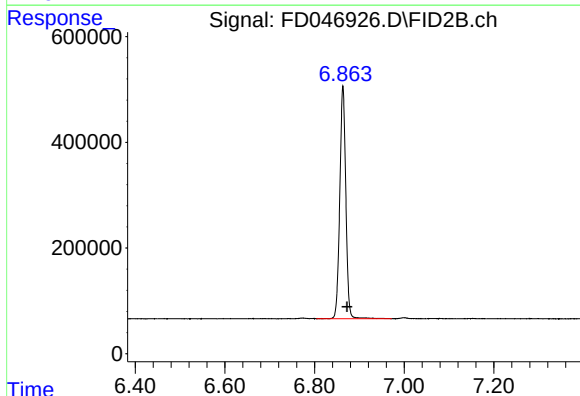
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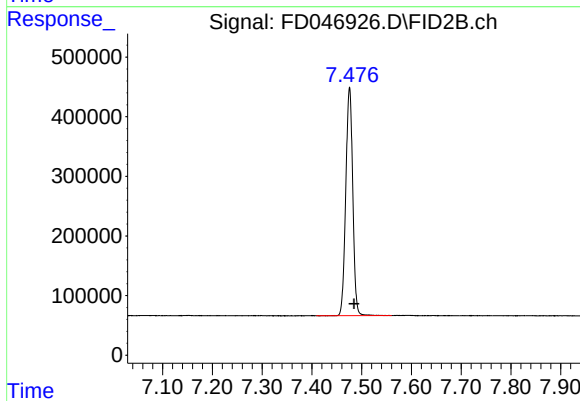
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.009 min
Response: 4023828
Conc: 20.09 ug/ml



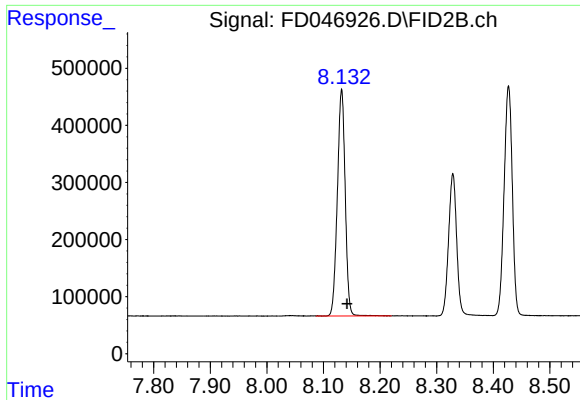
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min
Delta R.T.: -0.009 min
Response: 4102549
Conc: 20.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.009 min
Response: 3729949
Conc: 20.45 ug/ml



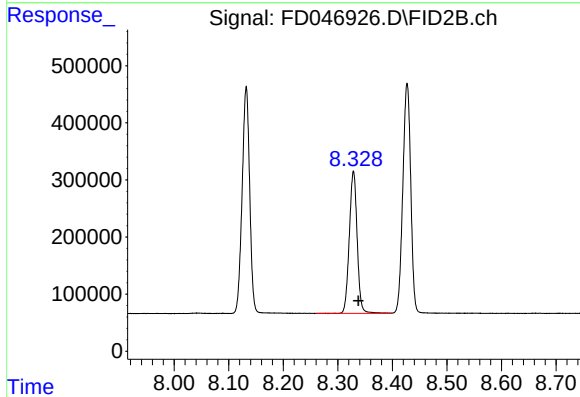
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.010 min
Response: 3823627
Conc: 20.79 ug/ml

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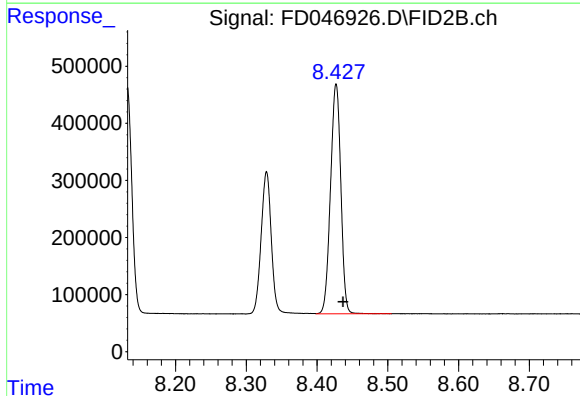
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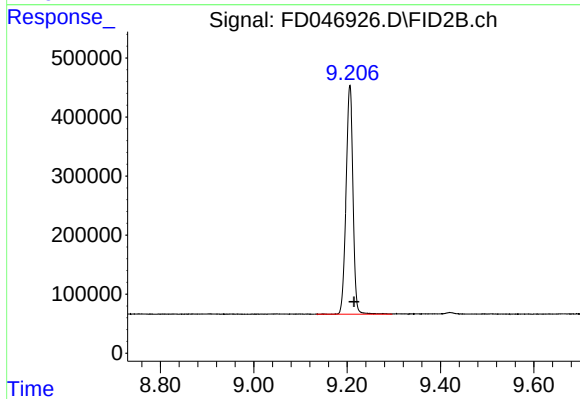
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.009 min
Response: 2482673
Conc: 21.10 ug/ml



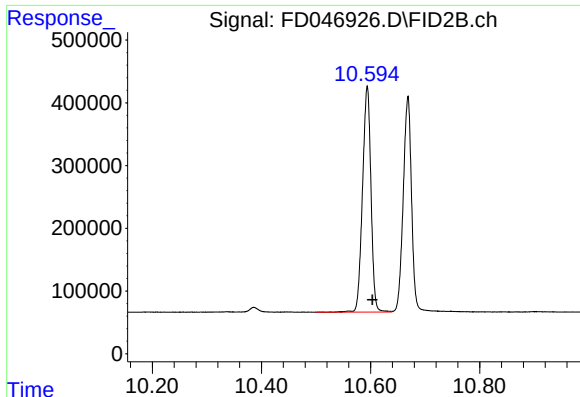
#7 Acenaphthene (C15.5)

R.T.: 8.427 min
Delta R.T.: -0.010 min
Response: 4065591
Conc: 20.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.009 min
Response: 3973699
Conc: 21.48 ug/ml



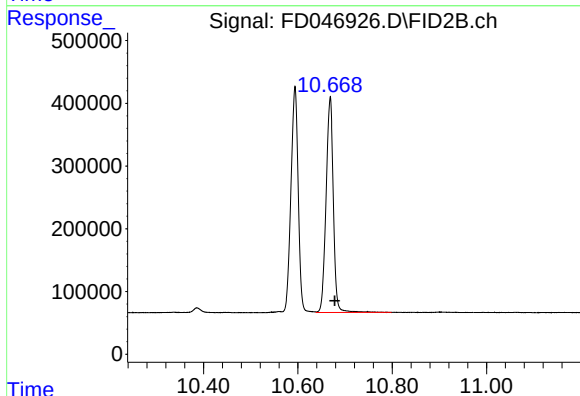
#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: -0.010 min
Response: 3860428
Conc: 21.70 ug/ml

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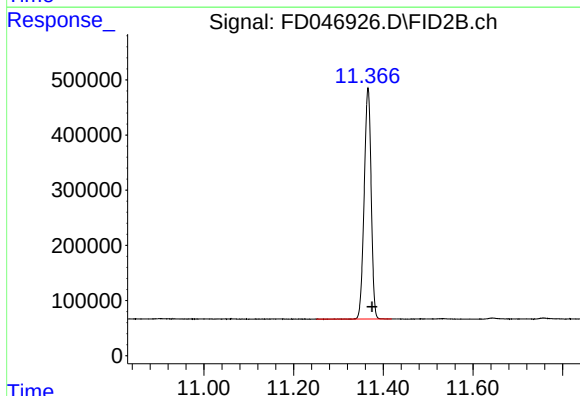
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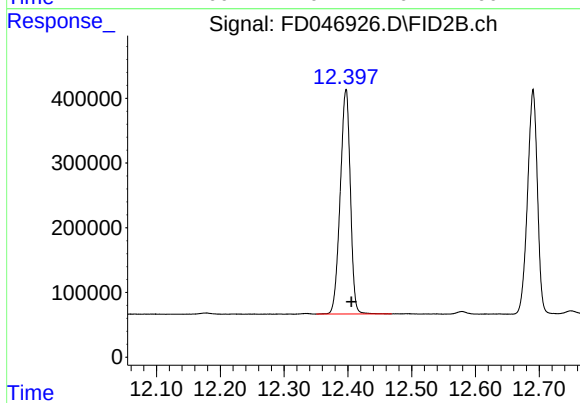
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: -0.010 min
Response: 3670557
Conc: 21.54 ug/ml



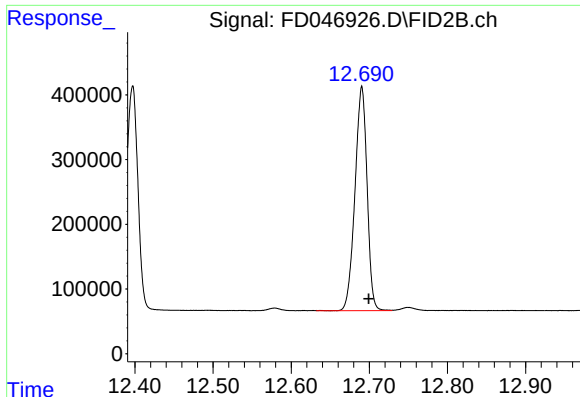
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 4512023
Conc: 21.31 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: -0.009 min
Response: 3828359
Conc: 22.17 ug/ml



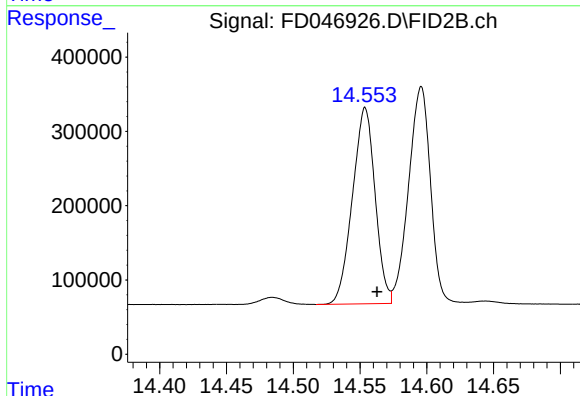
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: -0.009 min
Response: 3730238
Conc: 22.43 ug/ml

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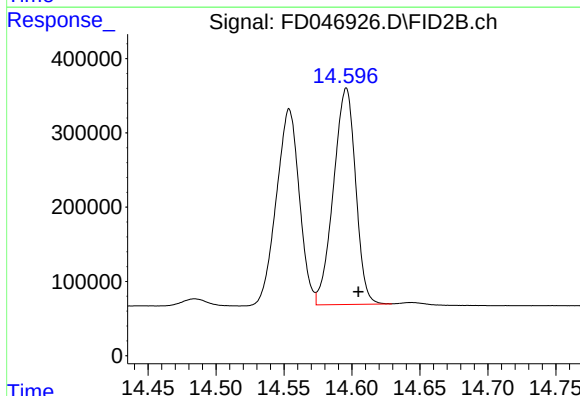
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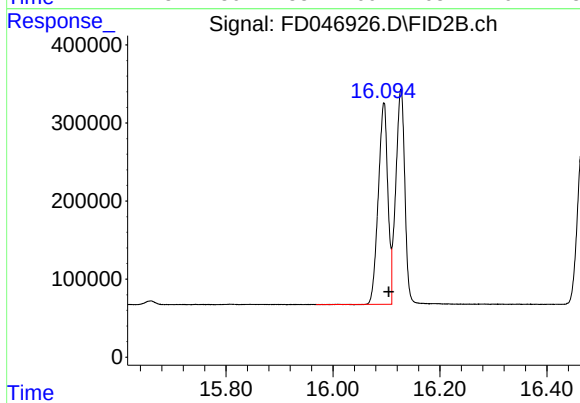
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: -0.009 min
Response: 3116454
Conc: 22.15 ug/ml



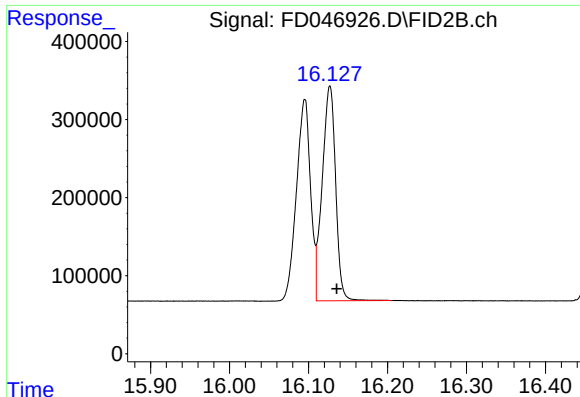
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: -0.009 min
Response: 3303550
Conc: 21.18 ug/ml



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

R.T.: 16.095 min
Delta R.T.: -0.009 min
Response: 3190700
Conc: 22.29 ug/ml



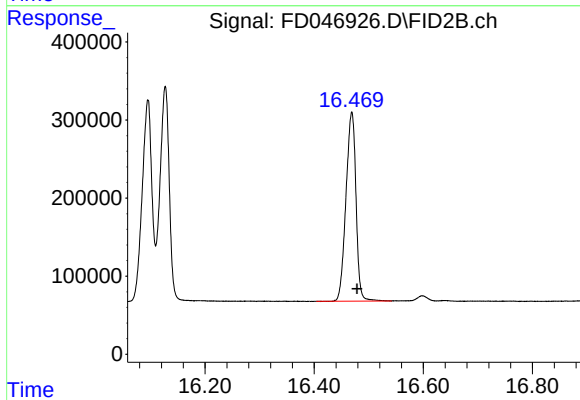
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: -0.009 min
Response: 3242053
Conc: 22.14 ug/ml

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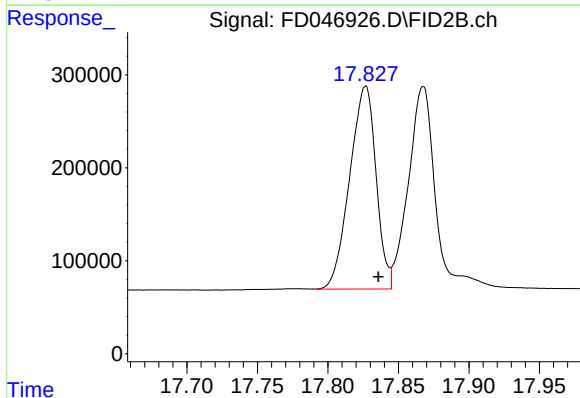
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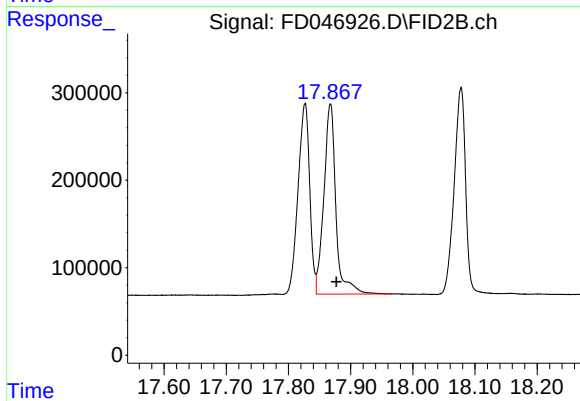
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: -0.010 min
Response: 3088287
Conc: 22.03 ug/ml



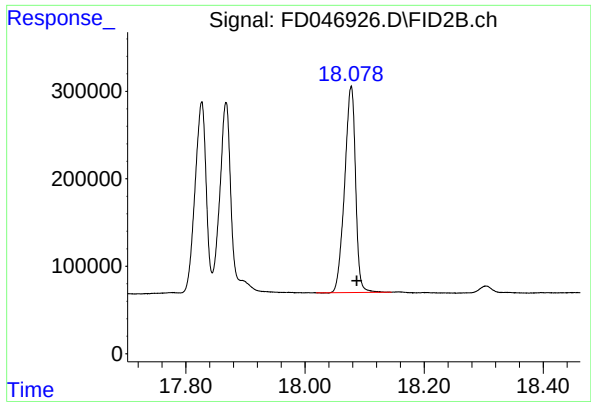
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: -0.009 min
Response: 2846450
Conc: 22.53 ug/ml m



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

R.T.: 17.867 min
Delta R.T.: -0.010 min
Response: 2913139
Conc: 20.85 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: -0.010 min
Response: 3005384
Conc: 21.52 ug/ml

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