

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120522AR\
 Data File : FD044596.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2022 12:40
 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 12/06/2022
 Supervised By :Ankita Jodhani 12/06/2022

Integration File: autoint1.e
 Quant Time: Dec 06 03:21:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 2022
 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...	7.679	2811473	21.663 ug/ml
Spiked Amount 50.000		Recovery =	43.33%
6) S 2-Fluorobiphenyl (SURR)	8.537	1905319	21.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.15%
11) S ortho-Terphenyl (SURR)	11.567	3530124	21.691 ug/ml
Spiked Amount 50.000		Recovery =	43.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	3100495	21.727 ug/ml
2) T Naphthalene (C11.7)	6.027	3256545	21.659 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	3264098	21.604 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2961836	21.306 ug/ml
7) T Acenaphthene (C15.5)	8.636	3168815	21.593 ug/ml
8) T Flouorene (C16.55)	9.413	3122721	21.657 ug/ml
9) T Phenanthrene (C19.36)	10.802	3054575	21.420 ug/ml
10) T Anthracene (C19.43)	10.875	2801752	20.166 ug/ml
12) T Fluoranthene (C21.85)	12.603	3091016	21.683 ug/ml
13) T Pyrene (C20.8)	12.899	3010762	21.634 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2753197	21.278 ug/ml
15) T Chrysene (C27.41)	14.801	3008206	22.314 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2860590	21.734 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2921115	22.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2752128	21.295 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.029	2635457	20.678 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2786133	22.143 ug/ml
21) T Benzo[g,h,i]perylene ...	18.282	2745530	21.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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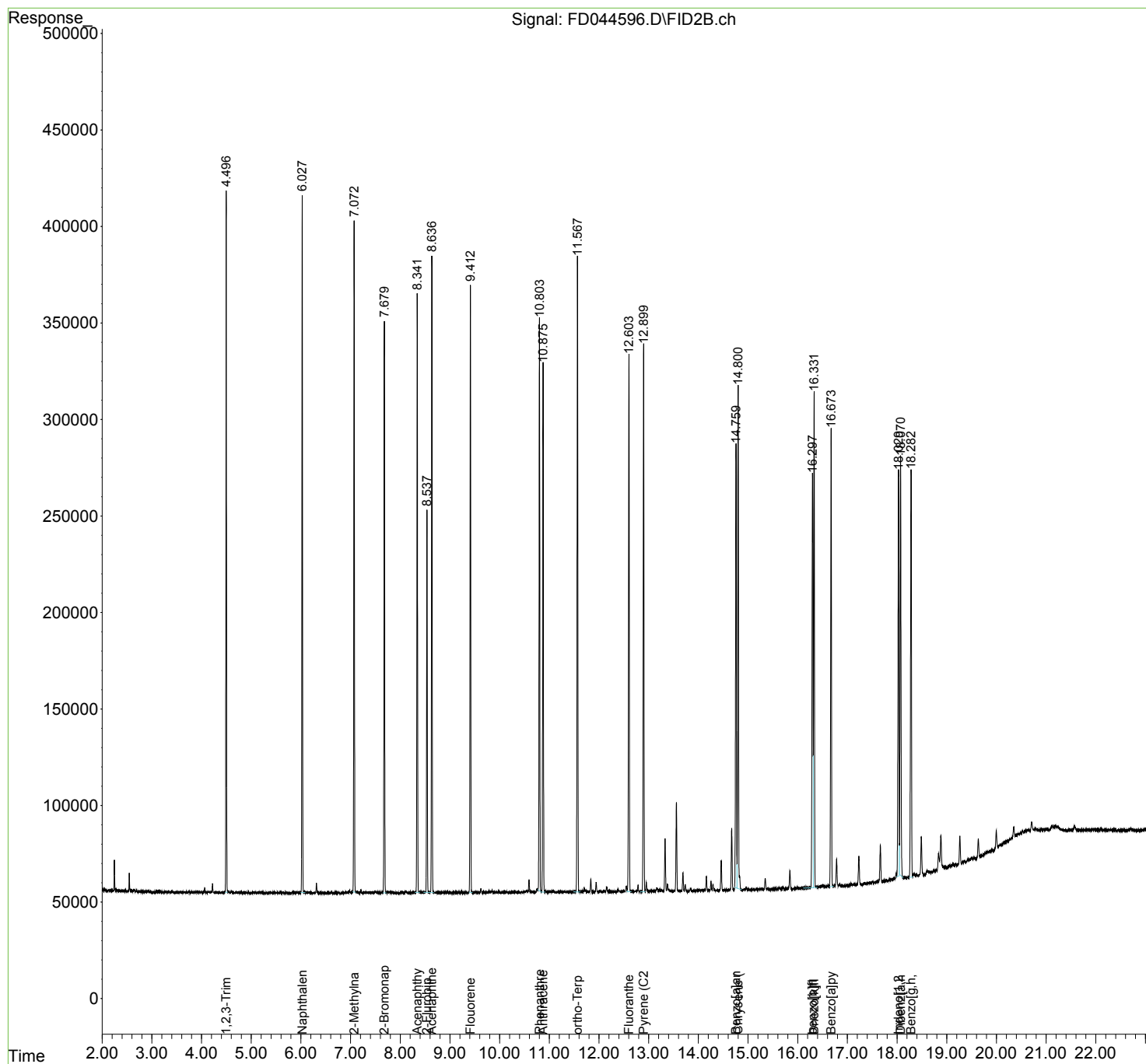
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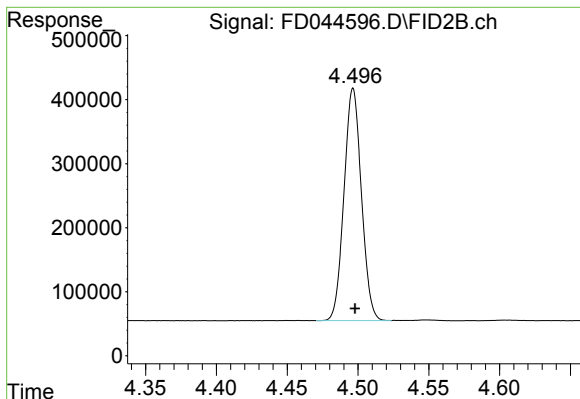
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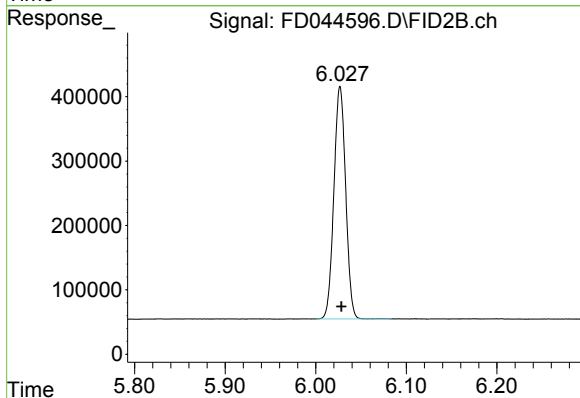
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 3100495
Conc: 21.73 ug/ml

Instrument :
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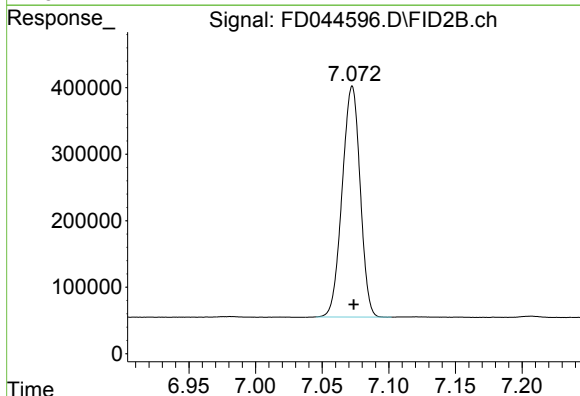
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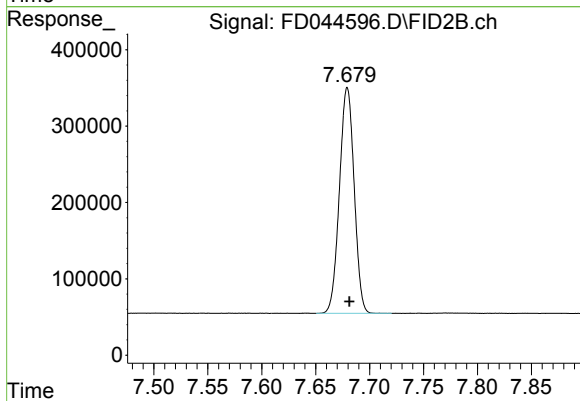
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 3256545
Conc: 21.66 ug/ml



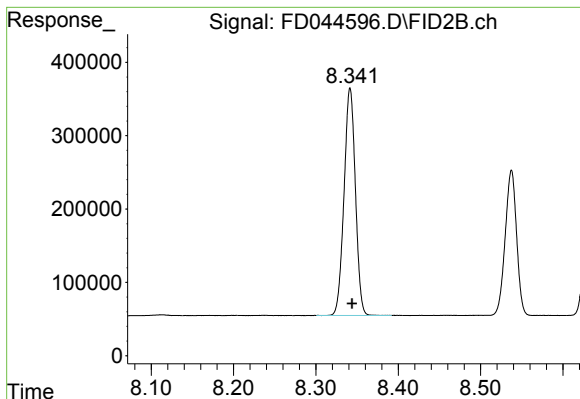
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 3264098
Conc: 21.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.679 min
Delta R.T.: -0.002 min
Response: 2811473
Conc: 21.66 ug/ml



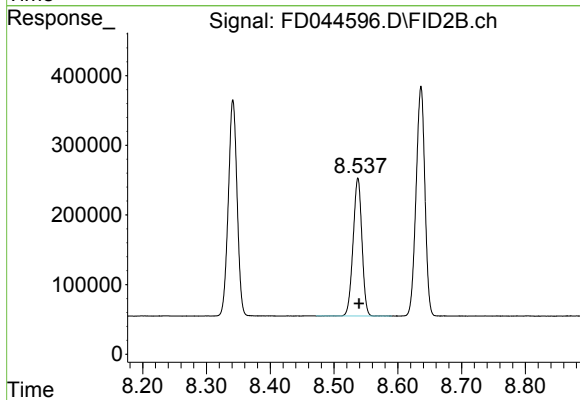
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 2961836
Conc: 21.31 ug/ml

Instrument :
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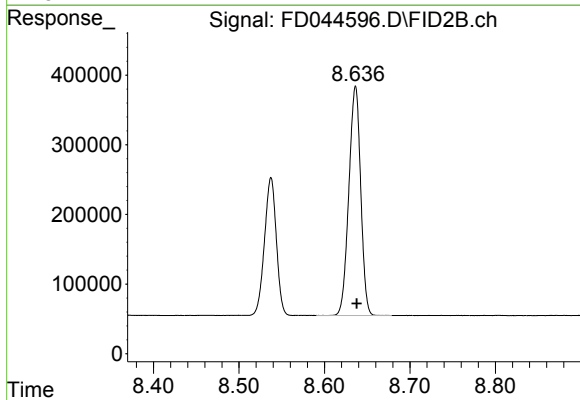
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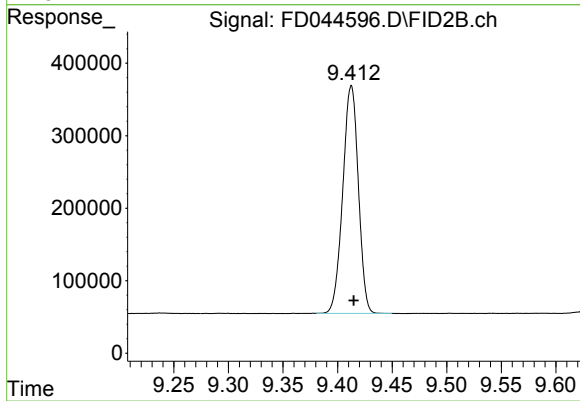
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 1905319
Conc: 21.57 ug/ml



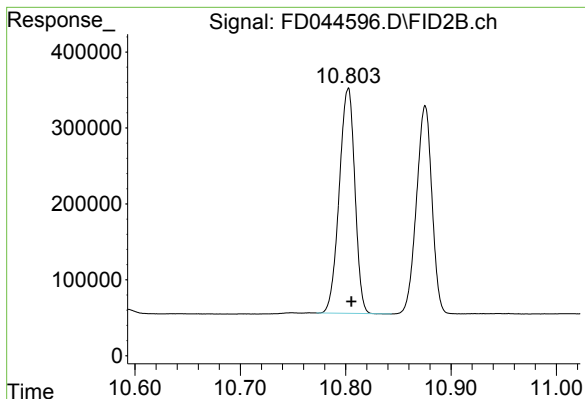
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.001 min
Response: 3168815
Conc: 21.59 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 3122721
Conc: 21.66 ug/ml



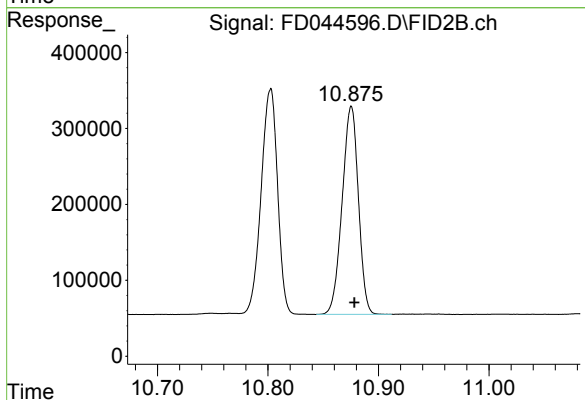
#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.003 min
Response: 3054575
Conc: 21.42 ug/ml

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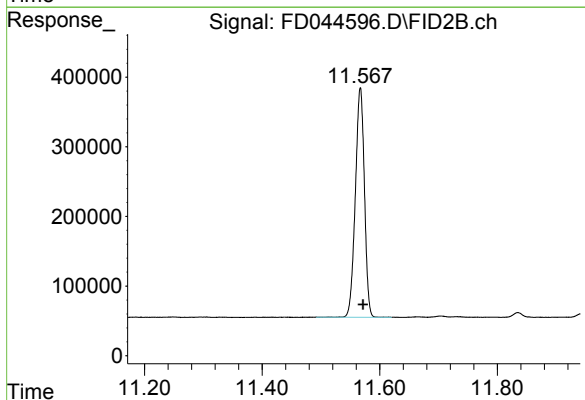
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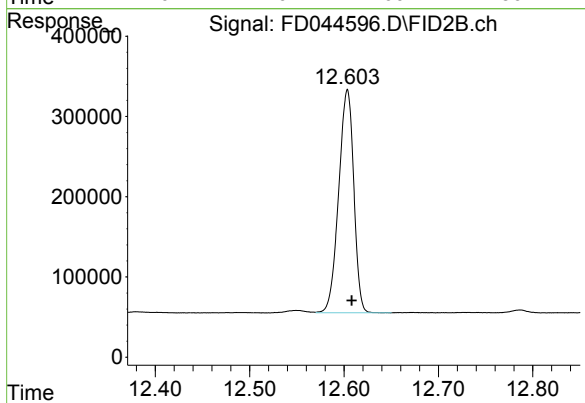
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.003 min
Response: 2801752
Conc: 20.17 ug/ml



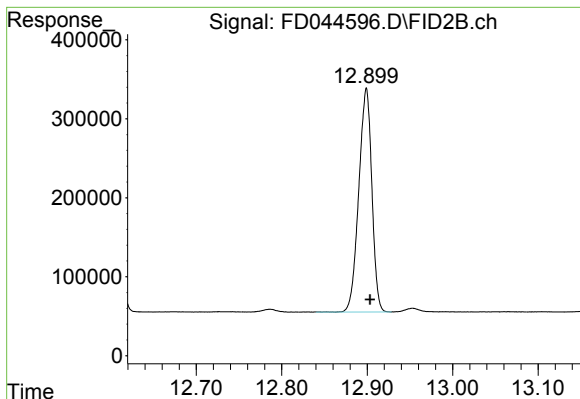
#11 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.005 min
Response: 3530124
Conc: 21.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.603 min
Delta R.T.: -0.005 min
Response: 3091016
Conc: 21.68 ug/ml



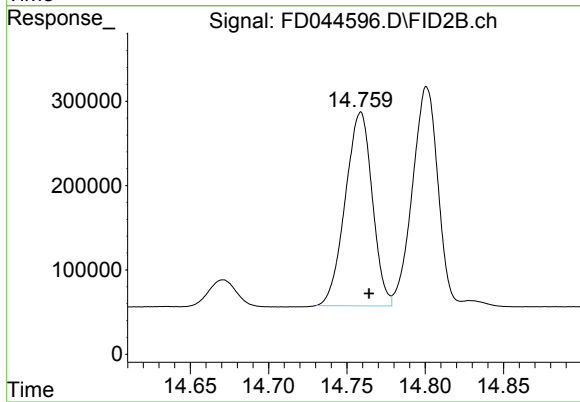
#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.004 min
Response: 3010762
Conc: 21.63 ug/ml

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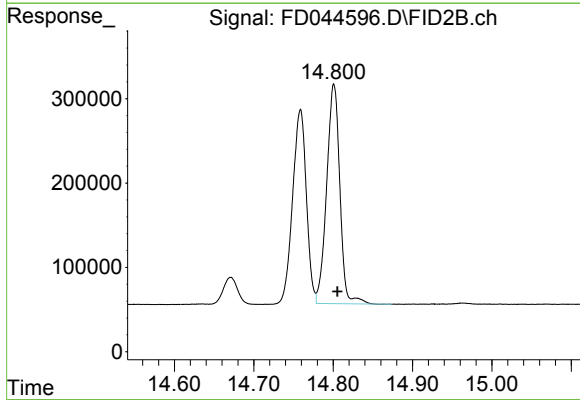
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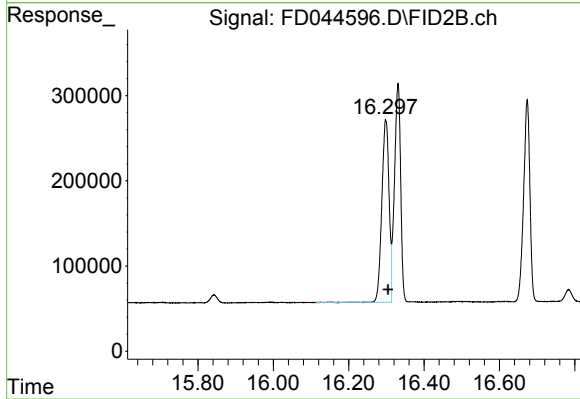
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.006 min
Response: 2753197
Conc: 21.28 ug/ml



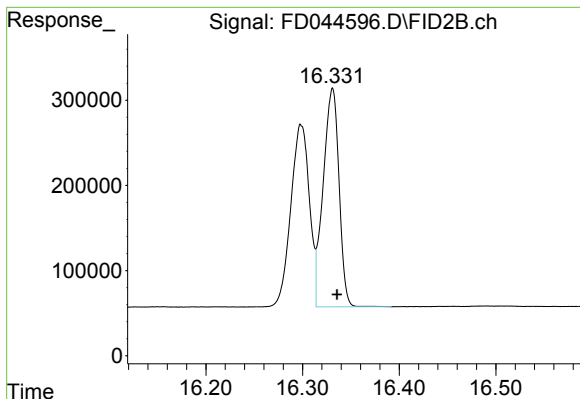
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.005 min
Response: 3008206
Conc: 22.31 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.006 min
Response: 2860590
Conc: 21.73 ug/ml



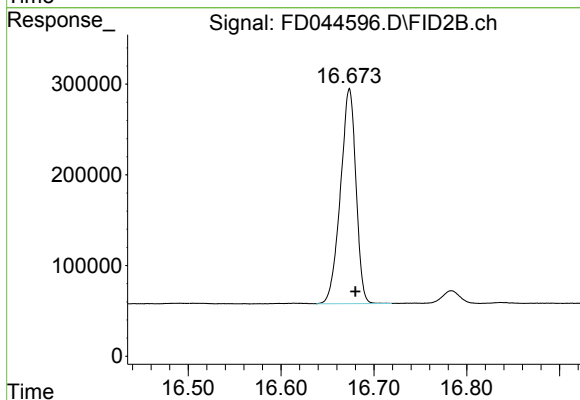
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: -0.005 min
Response: 2921115
Conc: 22.43 ug/ml

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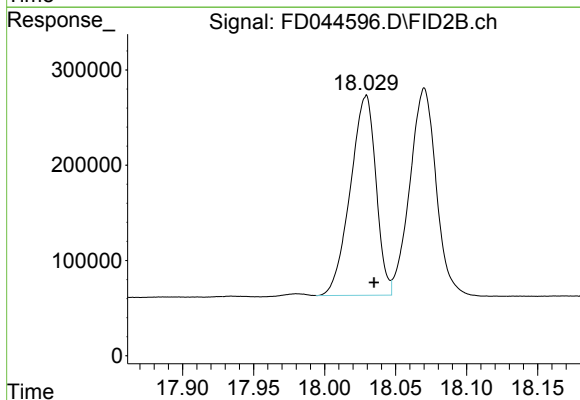
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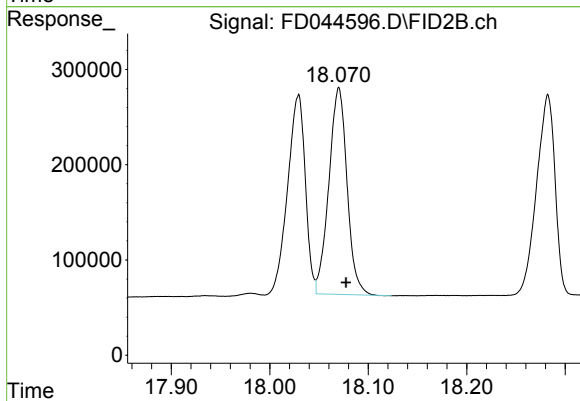
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.007 min
Response: 2752128
Conc: 21.30 ug/ml m



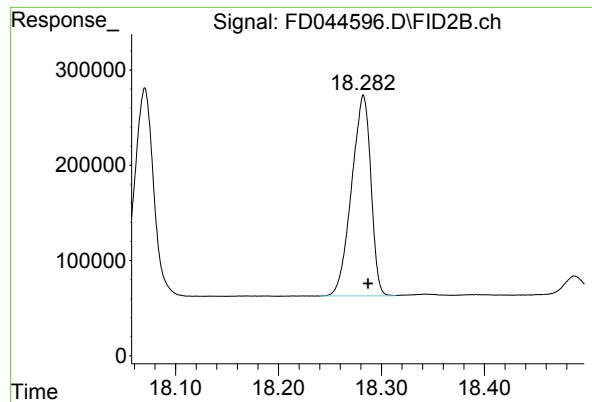
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.006 min
Response: 2635457
Conc: 20.68 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 2786133
Conc: 22.14 ug/ml



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

R.T.: 18.282 min
Delta R.T.: -0.005 min
Response: 2745530
Conc: 21.35 ug/ml

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