

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044599.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 09:53
 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 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 06 11:51:41 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...	7.677	2503410	19.290 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
6) S 2-Fluorobiphenyl (SURR)	8.535	1698507	19.232 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.564	3161608	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.494	2772019	19.425 ug/ml
2) T Naphthalene (C11.7)	6.024	2912429	19.370 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	2913303	19.282 ug/ml
5) T Acenaphthylene (C15.06)	8.339	2647143	19.042 ug/ml
7) T Acenaphthene (C15.5)	8.634	2831971	19.297 ug/ml
8) T Flouorene (C16.55)	9.410	2785176	19.316 ug/ml
9) T Phenanthrene (C19.36)	10.799	2735093	19.180 ug/ml
10) T Anthracene (C19.43)	10.873	2464580	17.739 ug/ml
12) T Fluoranthene (C21.85)	12.600	2765854	19.402 ug/ml
13) T Pyrene (C20.8)	12.895	2687944	19.314 ug/ml
14) T Benzo[a]anthracene (C...	14.755	2497352	19.301 ug/mlm
15) T Chrysene (C27.41)	14.797	2708463	20.090 ug/mlm
16) T benzo[b]fluoranthene ...	16.294	2555908	19.419 ug/ml
17) T Bnezo[k]fluoranthene ...	16.326	2620323	20.122 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.670	2461610	19.047 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.023	2405650	18.875 ug/mlm
20) T Dibenz[a,h]anthracene...	18.066	2587609	20.566 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.277	2461960	19.142 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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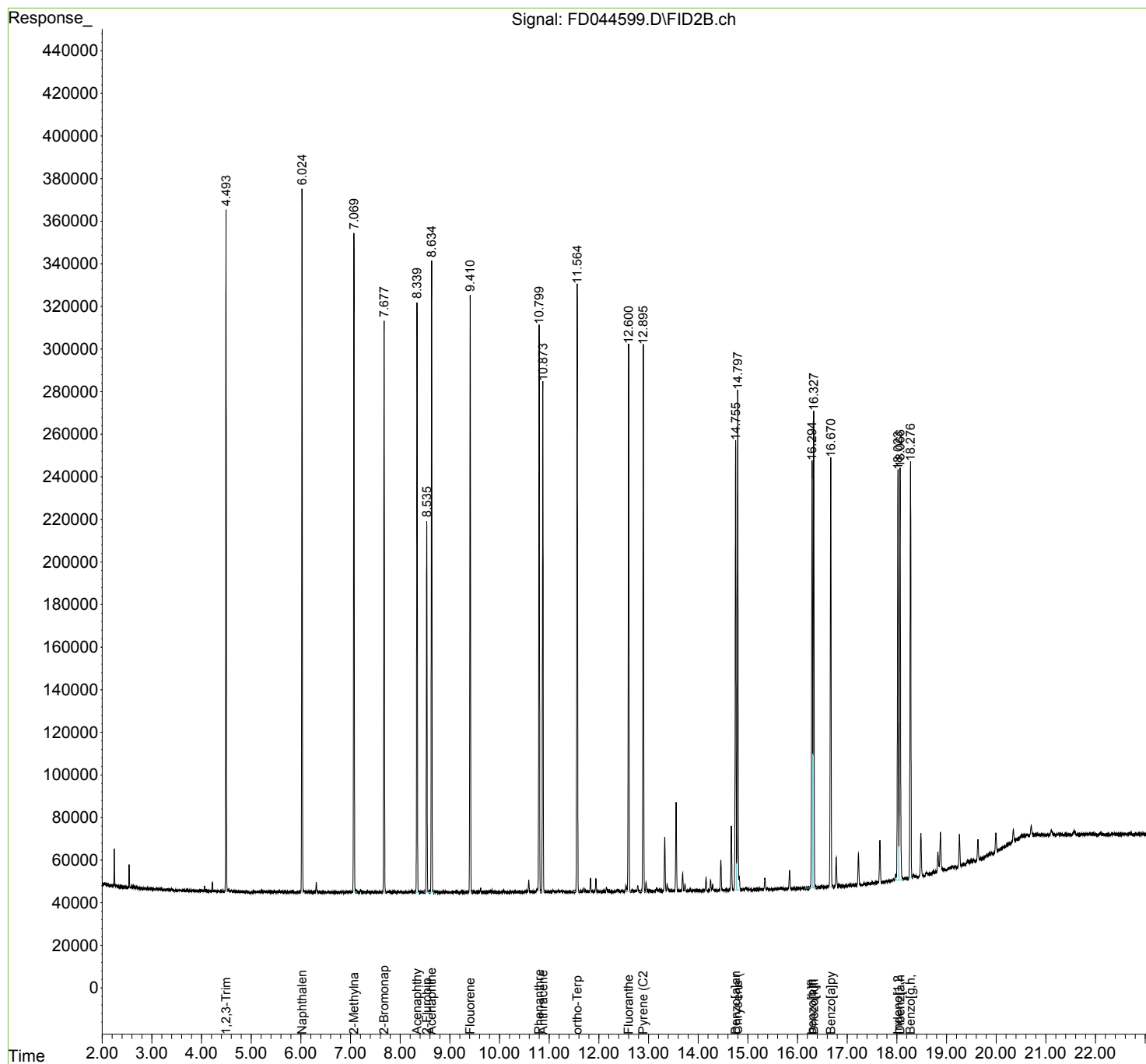
Instrument :
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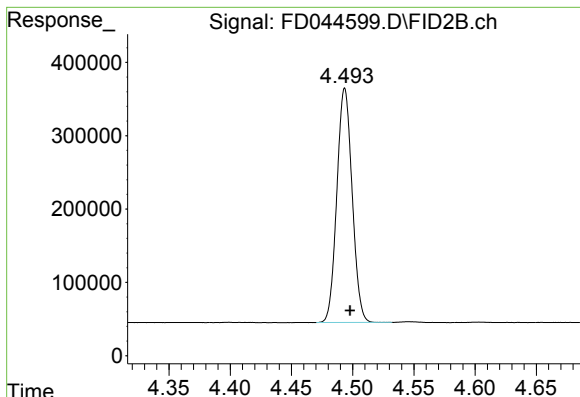
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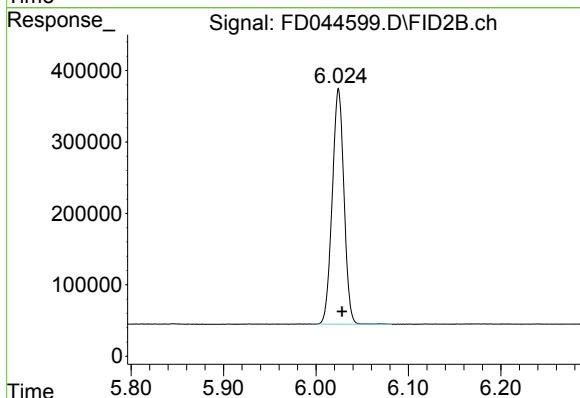
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.494 min
Delta R.T.: -0.004 min
Response: 2772019
Conc: 19.42 ug/ml

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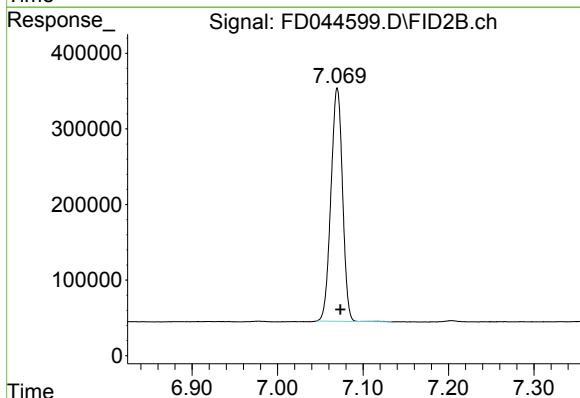
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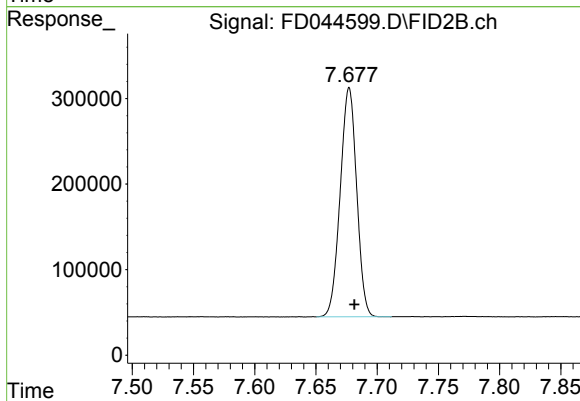
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 2912429
Conc: 19.37 ug/ml



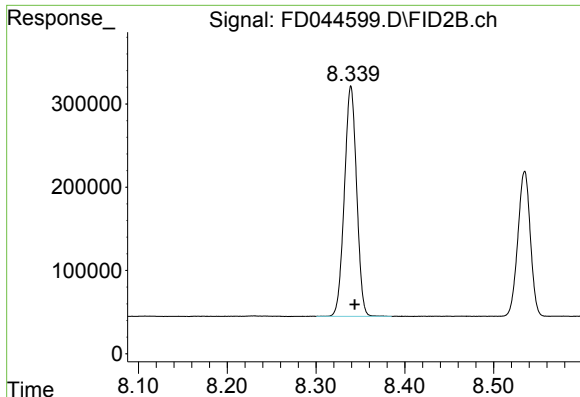
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 2913303
Conc: 19.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.677 min
Delta R.T.: -0.004 min
Response: 2503410
Conc: 19.29 ug/ml



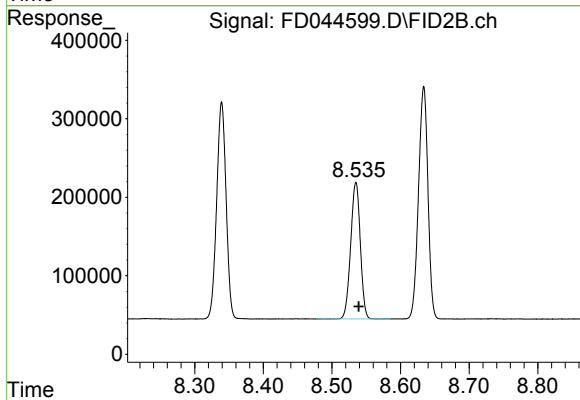
#5 Acenaphthylene (C15.06)

R.T.: 8.339 min
Delta R.T.: -0.004 min
Response: 2647143
Conc: 19.04 ug/ml

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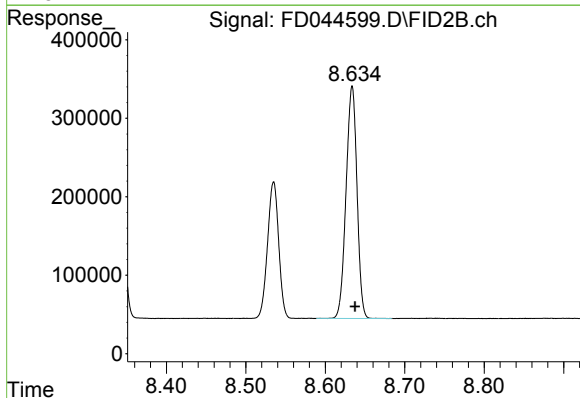
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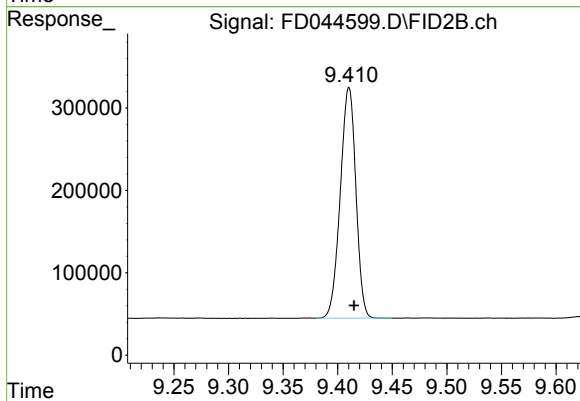
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.535 min
Delta R.T.: -0.004 min
Response: 1698507
Conc: 19.23 ug/ml



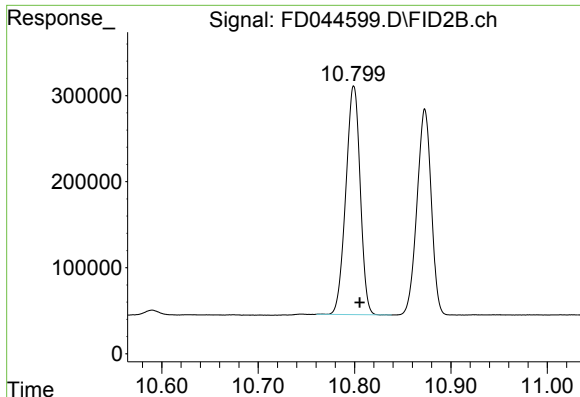
#7 Acenaphthene (C15.5)

R.T.: 8.634 min
Delta R.T.: -0.004 min
Response: 2831971
Conc: 19.30 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.410 min
Delta R.T.: -0.005 min
Response: 2785176
Conc: 19.32 ug/ml



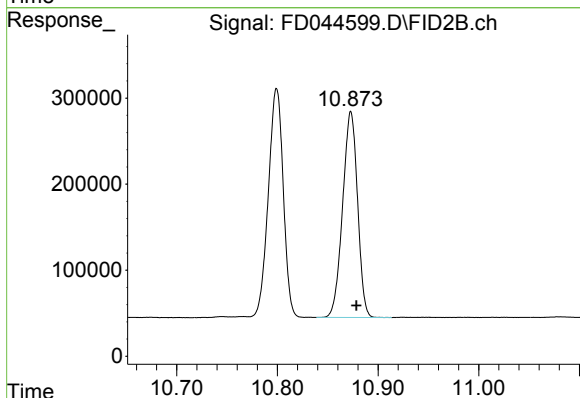
#9 Phenanthrene (C19.36)

R.T.: 10.799 min
Delta R.T.: -0.006 min
Response: 2735093
Conc: 19.18 ug/ml

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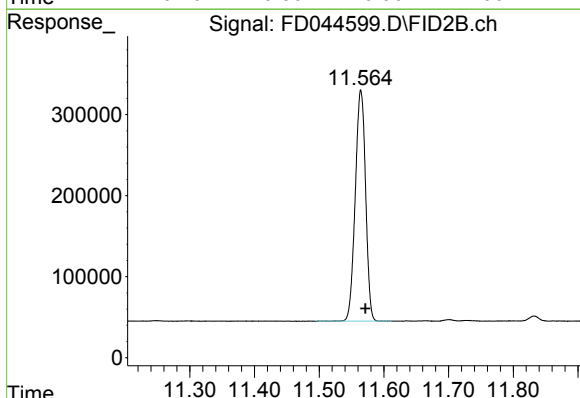
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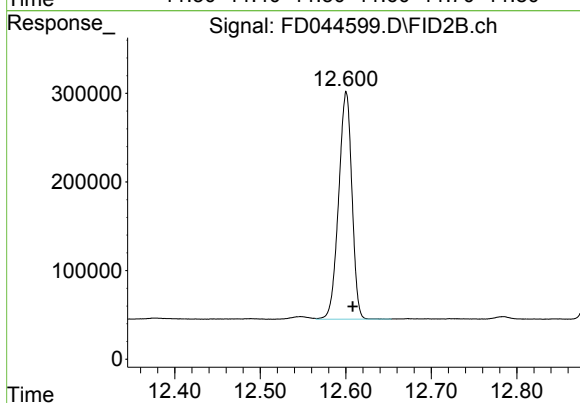
#10 Anthracene (C19.43)

R.T.: 10.873 min
Delta R.T.: -0.005 min
Response: 2464580
Conc: 17.74 ug/ml



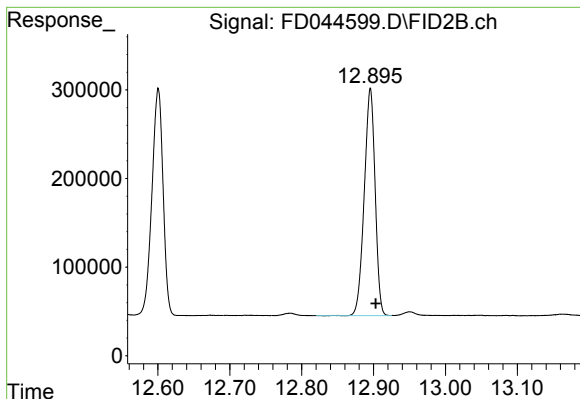
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.007 min
Response: 3161608
Conc: 19.43 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 2765854
Conc: 19.40 ug/ml



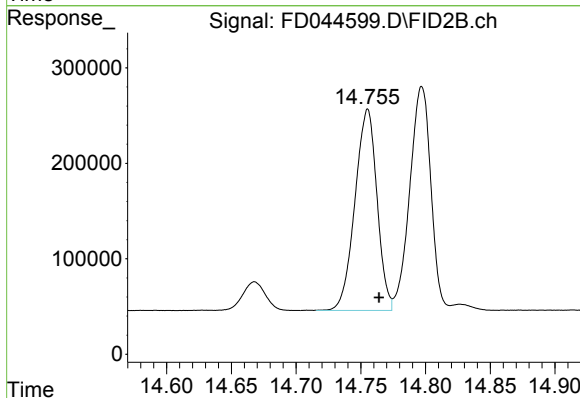
#13 Pyrene (C20.8)

R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 2687944
Conc: 19.31 ug/ml

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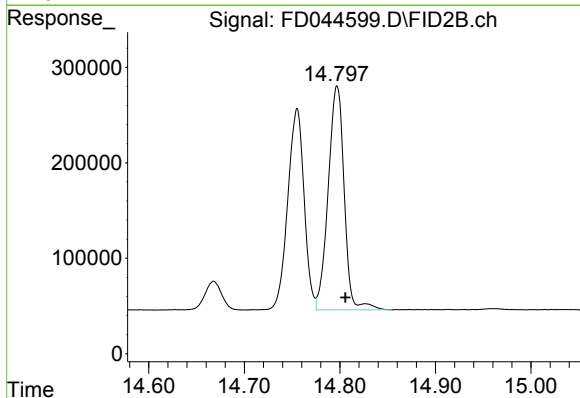
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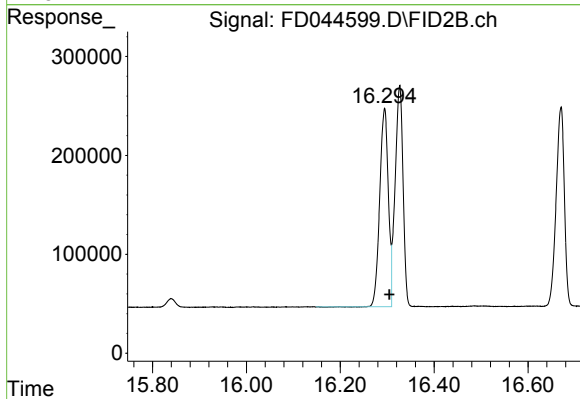
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.009 min
Response: 2497352
Conc: 19.30 ug/ml m



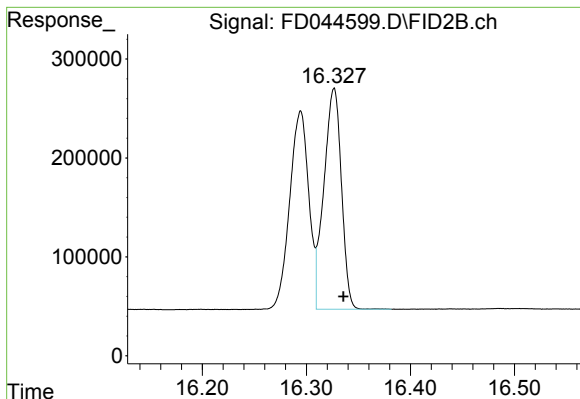
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.009 min
Response: 2708463
Conc: 20.09 ug/ml m



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

R.T.: 16.294 min
Delta R.T.: -0.011 min
Response: 2555908
Conc: 19.42 ug/ml



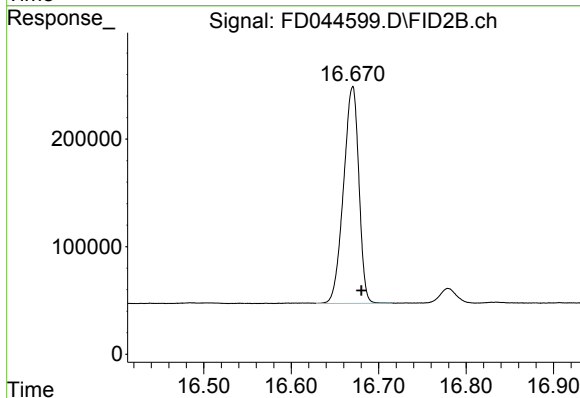
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: -0.009 min
Response: 2620323
Conc: 20.12 ug/ml

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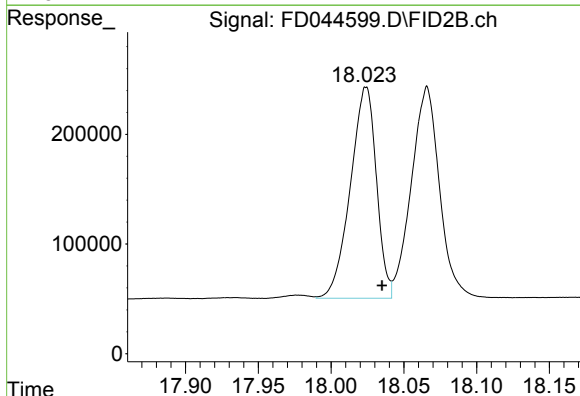
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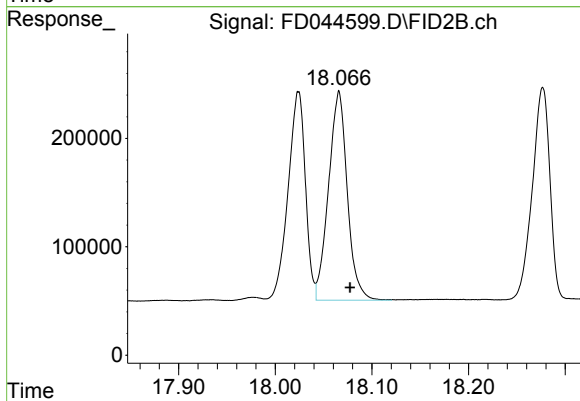
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min
Delta R.T.: -0.010 min
Response: 2461610
Conc: 19.05 ug/ml m



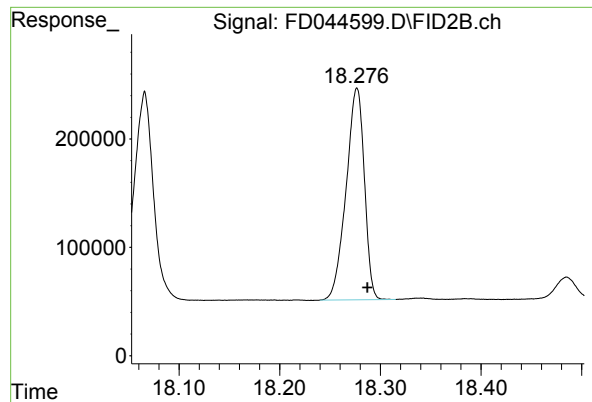
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.012 min
Response: 2405650
Conc: 18.88 ug/ml m



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

R.T.: 18.066 min
Delta R.T.: -0.012 min
Response: 2587609
Conc: 20.57 ug/ml m



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

R.T.: 18.277 min
Delta R.T.: -0.011 min
Response: 2461960
Conc: 19.14 ug/ml

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