

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120522AR\
 Data File : FD044593.D
 Signal(s) : FID2B.ch
 Acq On : 05 Dec 2022 10:40
 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 03:20:44 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...	7.680	2776336	21.393 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
6) S 2-Fluorobiphenyl (SURR)	8.537	1882171	21.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.62%
11) S ortho-Terphenyl (SURR)	11.568	3486327	21.422 ug/ml
Spiked Amount 50.000		Recovery =	42.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	3080134	21.584 ug/ml
2) T Naphthalene (C11.7)	6.027	3230714	21.487 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	3233812	21.403 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2935438	21.116 ug/ml
7) T Acenaphthene (C15.5)	8.636	3135274	21.364 ug/ml
8) T Flouorene (C16.55)	9.413	3081577	21.372 ug/ml
9) T Phenanthrene (C19.36)	10.803	3027497	21.230 ug/ml
10) T Anthracene (C19.43)	10.876	2771906	19.951 ug/ml
12) T Fluoranthene (C21.85)	12.604	3047259	21.376 ug/ml
13) T Pyrene (C20.8)	12.900	2966244	21.314 ug/ml
14) T Benzo[a]anthracene (C...	14.759	2720803	21.028 ug/ml
15) T Chrysene (C27.41)	14.801	2974167	22.061 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2834220	21.533 ug/ml
17) T Bnezo[k]fluoranthene ...	16.331	2872890	22.062 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	2721394	21.057 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.029	2600075	20.401 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	2740263	21.779 ug/ml
21) T Benzo[g,h,i]perylene ...	18.283	2700012	20.992 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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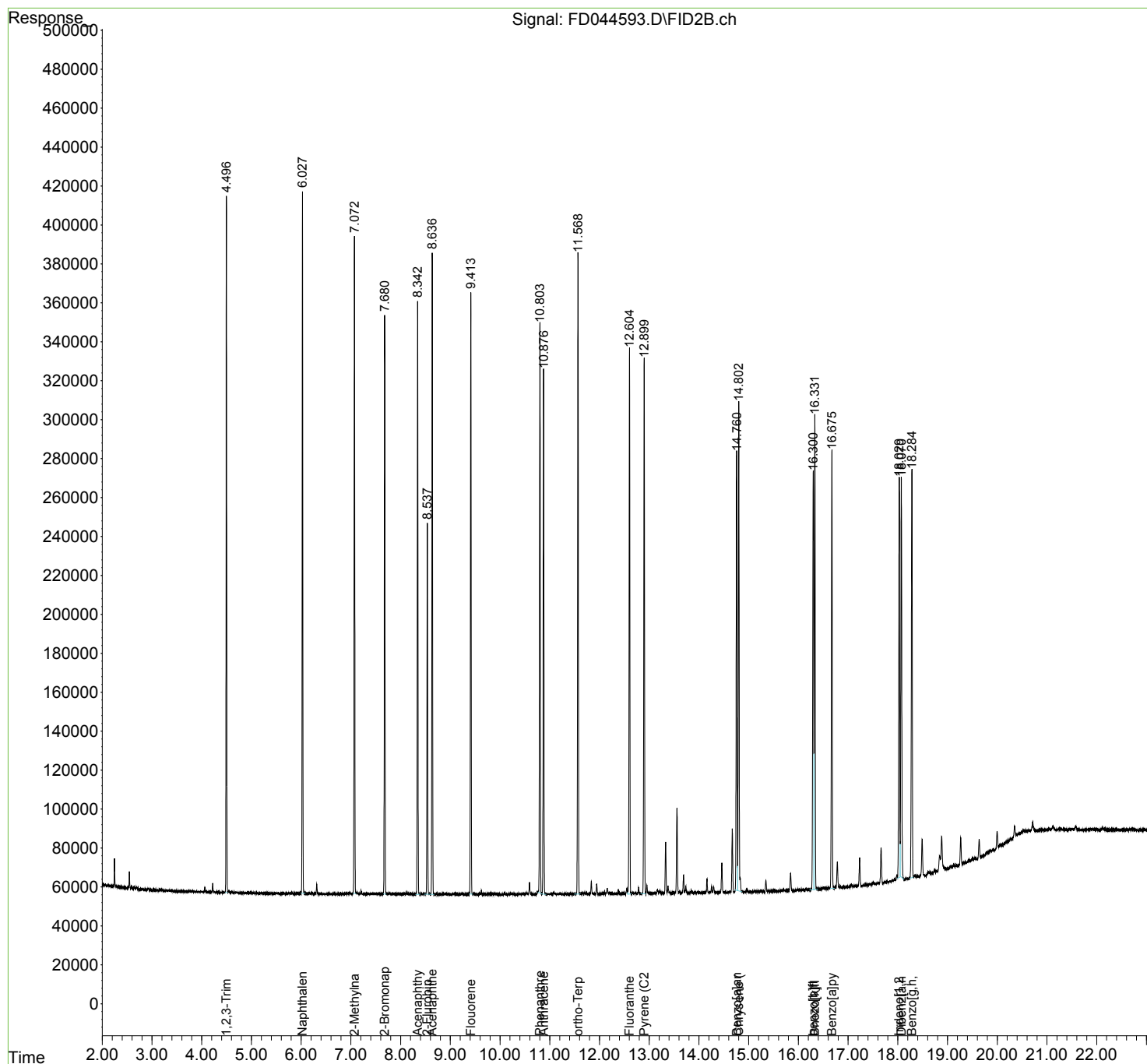
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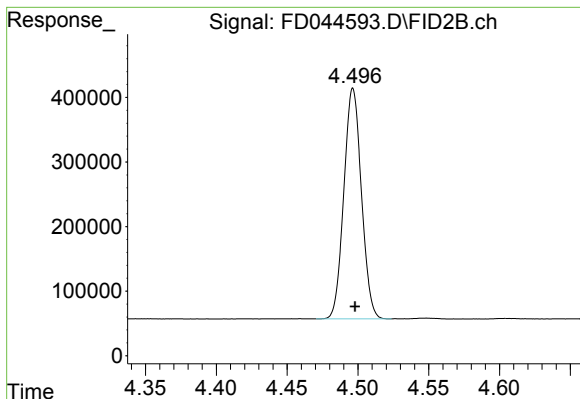
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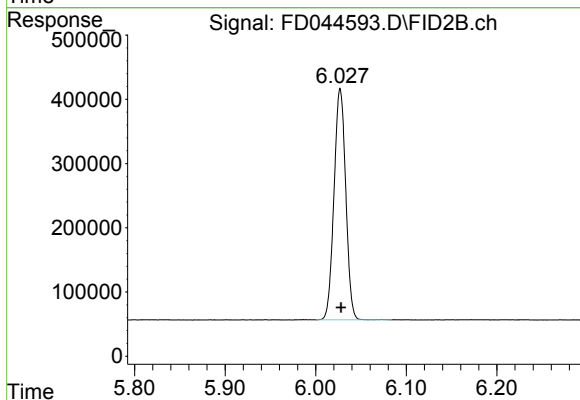
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 3080134
Conc: 21.58 ug/ml

Instrument :
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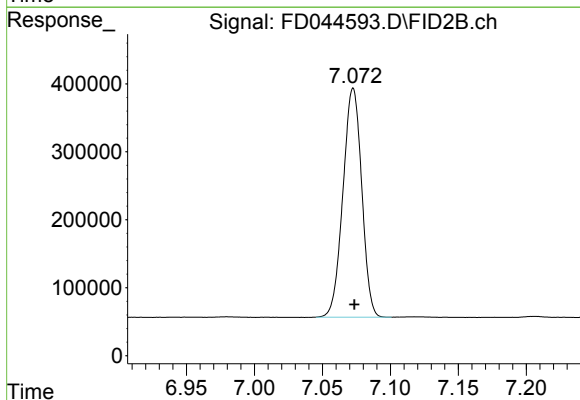
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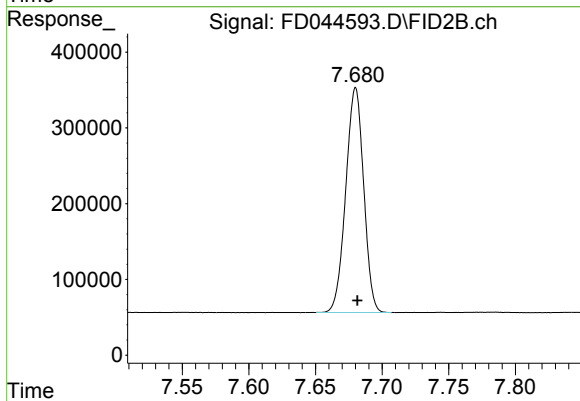
#2 Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.001 min
Response: 3230714
Conc: 21.49 ug/ml



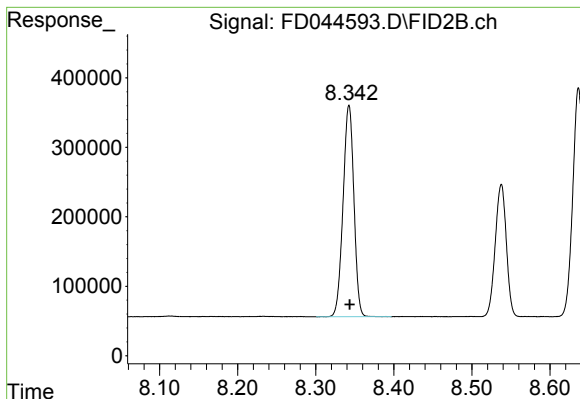
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 3233812
Conc: 21.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: -0.002 min
Response: 2776336
Conc: 21.39 ug/ml



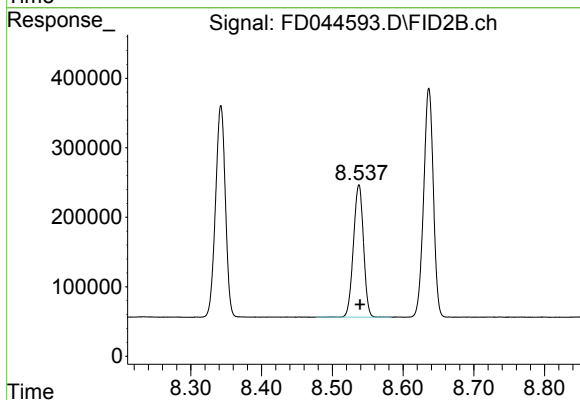
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.001 min
Response: 2935438
Conc: 21.12 ug/ml

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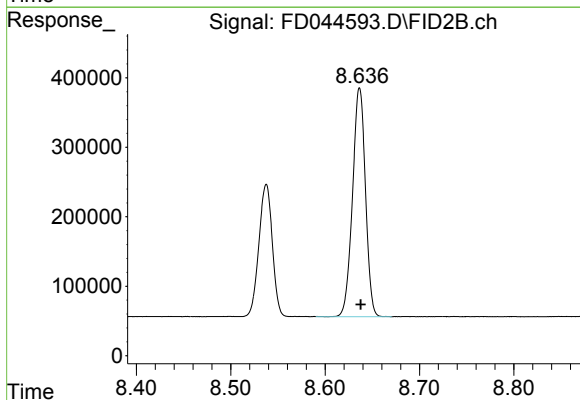
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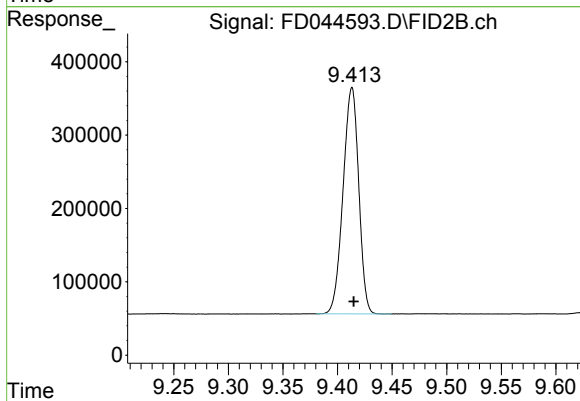
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 1882171
Conc: 21.31 ug/ml



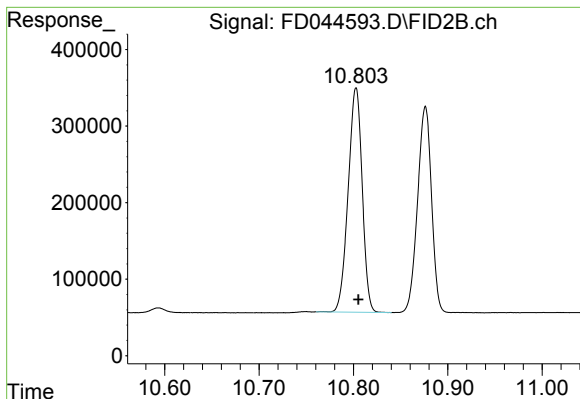
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.001 min
Response: 3135274
Conc: 21.36 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.413 min
Delta R.T.: -0.002 min
Response: 3081577
Conc: 21.37 ug/ml



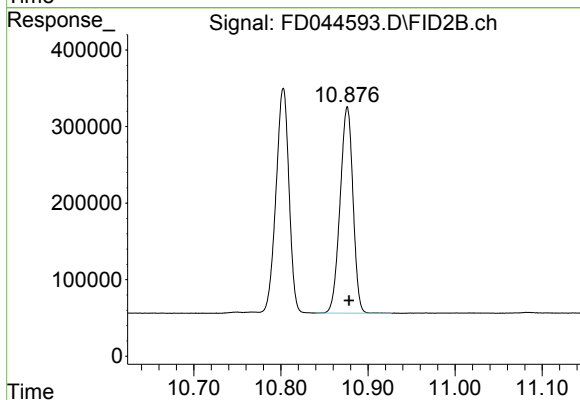
#9 Phenanthrene (C19.36)

R.T.: 10.803 min
Delta R.T.: -0.003 min
Response: 3027497
Conc: 21.23 ug/ml

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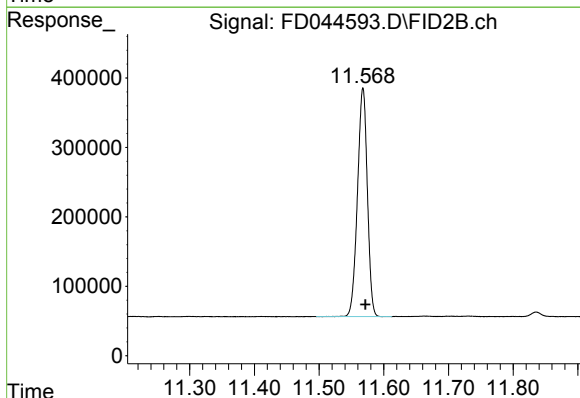
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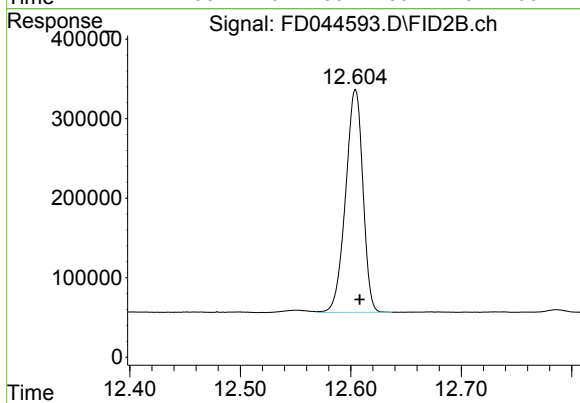
#10 Anthracene (C19.43)

R.T.: 10.876 min
Delta R.T.: -0.002 min
Response: 2771906
Conc: 19.95 ug/ml



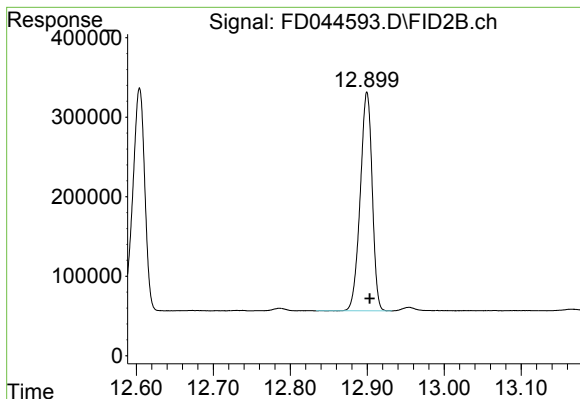
#11 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.004 min
Response: 3486327
Conc: 21.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: -0.004 min
Response: 3047259
Conc: 21.38 ug/ml



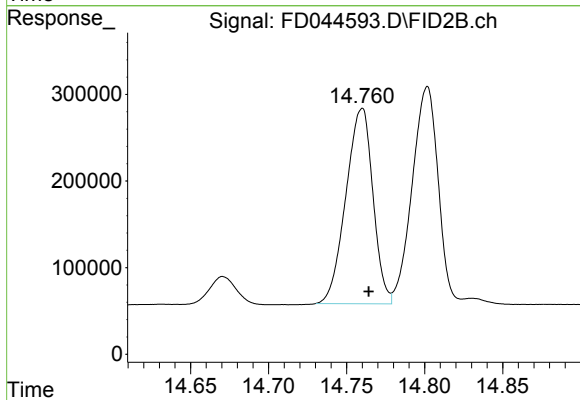
#13 Pyrene (C20.8)

R.T.: 12.900 min
Delta R.T.: -0.004 min
Response: 2966244
Conc: 21.31 ug/ml

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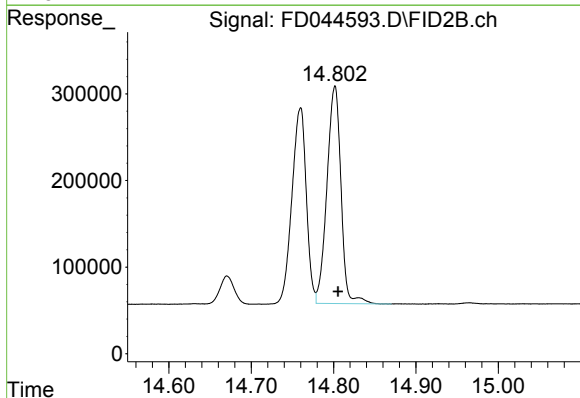
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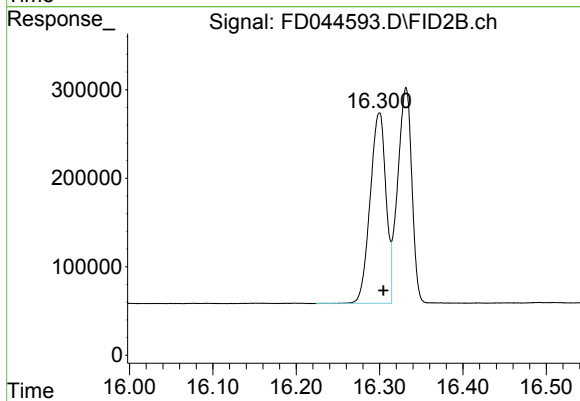
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: -0.005 min
Response: 2720803
Conc: 21.03 ug/ml



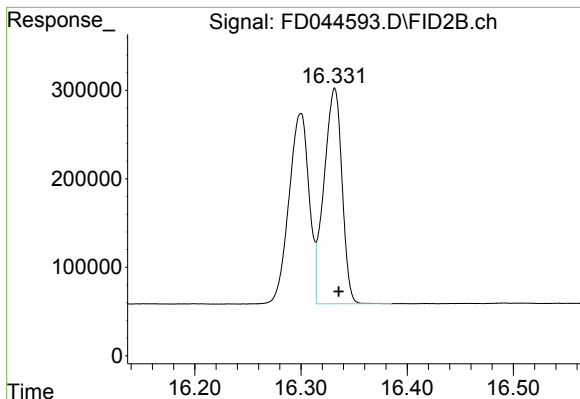
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.004 min
Response: 2974167
Conc: 22.06 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.005 min
Response: 2834220
Conc: 21.53 ug/ml



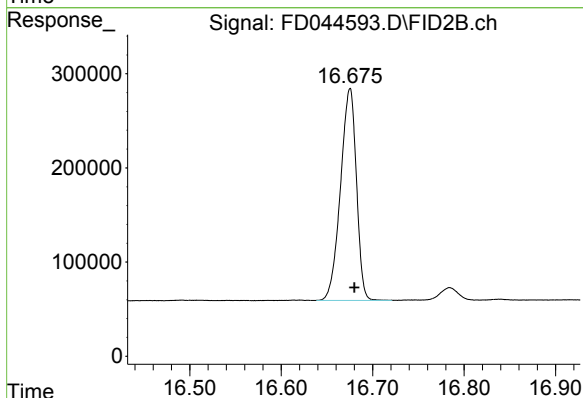
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.331 min
Delta R.T.: -0.004 min
Response: 2872890
Conc: 22.06 ug/ml

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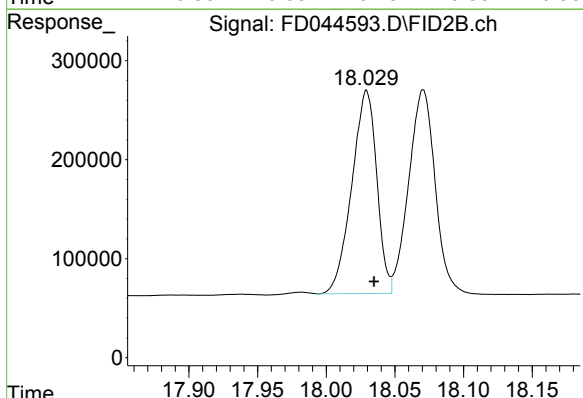
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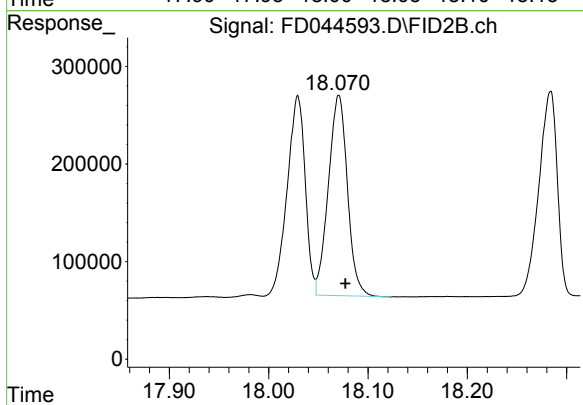
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.005 min
Response: 2721394
Conc: 21.06 ug/ml m



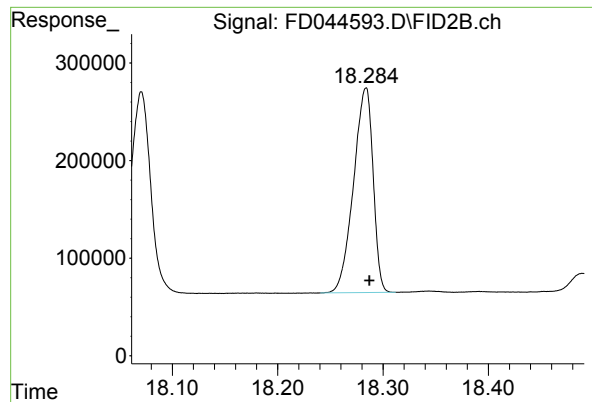
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.029 min
Delta R.T.: -0.006 min
Response: 2600075
Conc: 20.40 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.007 min
Response: 2740263
Conc: 21.78 ug/ml



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

R.T.: 18.283 min
Delta R.T.: -0.004 min
Response: 2700012
Conc: 20.99 ug/ml

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