

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043888.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2022 03:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:20:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 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...	7.431	2750845	20.906 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
6) S 2-Fluorobiphenyl (SURR)	8.287	1583318	21.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.90%
11) S ortho-Terphenyl (SURR)	11.314	3640587	19.542 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.241	2967372	19.745 ug/ml
2) T Naphthalene (C11.7)	5.772	3082884	21.650 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	3043945	20.807 ug/ml
5) T Acenaphthylene (C15.06)	8.086	2996941	19.422 ug/ml
7) T Acenaphthene (C15.5)	8.377	3476676	19.866 ug/ml
8) T Flouorene (C16.55)	9.158	3061967	20.832 ug/ml
9) T Phenanthrene (C19.36)	10.549	2903695	20.066 ug/ml
10) T Anthracene (C19.43)	10.625	3126550	21.304 ug/ml
12) T Fluoranthene (C21.85)	12.353	3055809	19.924 ug/ml
13) T Pyrene (C20.8)	12.646	3100857	20.845 ug/ml
14) T Benzo[a]anthracene (C...	14.515	2373334	21.230 ug/ml
15) T Chrysene (C27.41)	14.556	3186013	20.386 ug/ml
16) T benzo[b]fluoranthene ...	16.058	2385771	20.458 ug/ml
17) T Bnezo[k]fluoranthene ...	16.090	2864510	19.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.438	2555946	21.101 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.799	1972504	20.746 ug/ml
20) T Dibenz[a,h]anthracene...	17.836	2624398	21.846 ug/ml
21) T Benzo[g,h,i]perylene ...	18.047	2295488	20.143 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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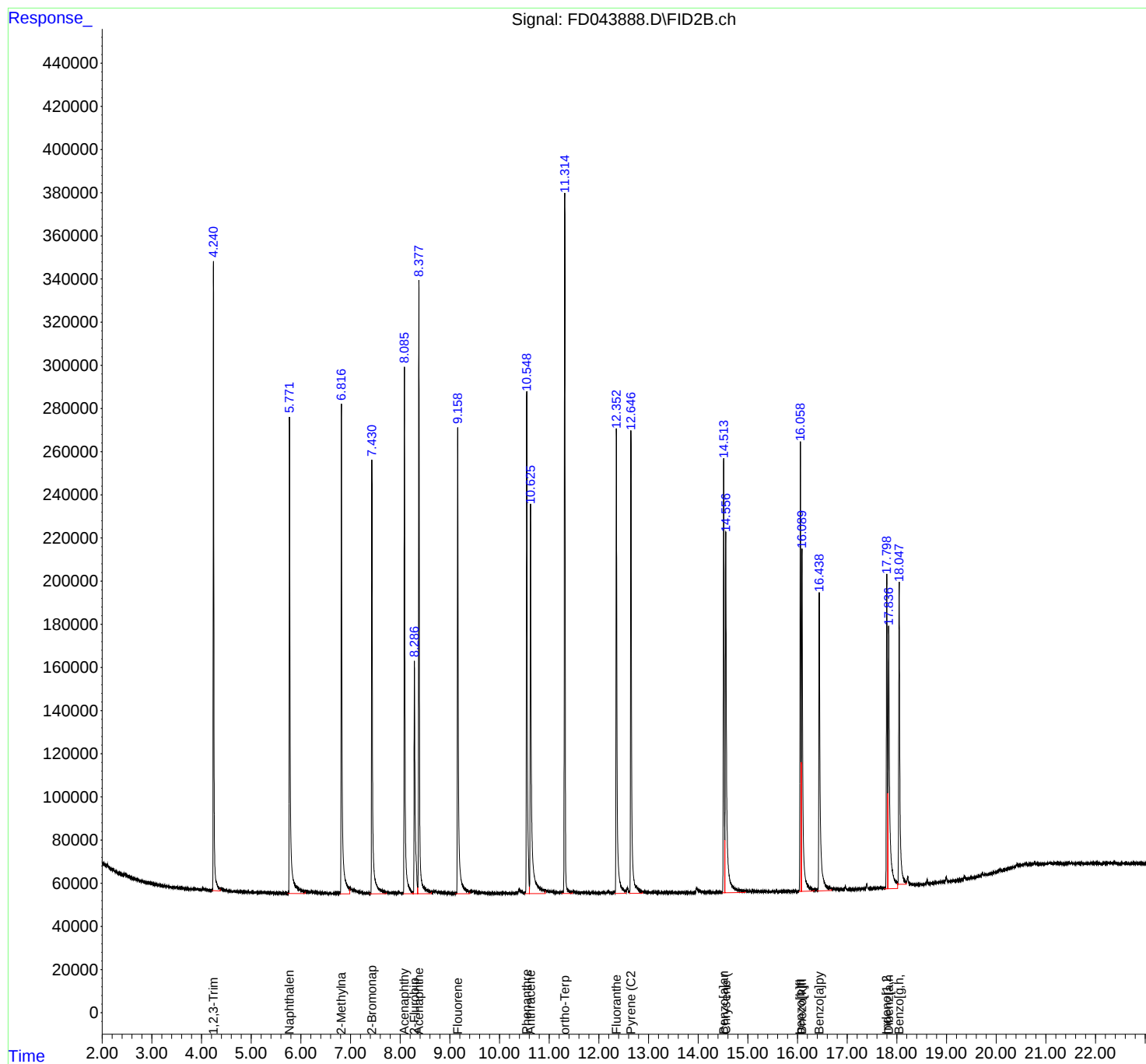
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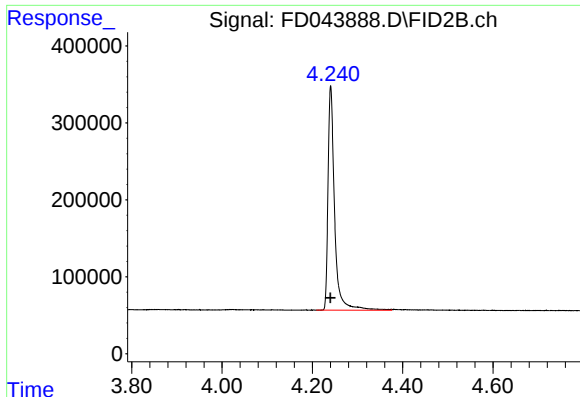
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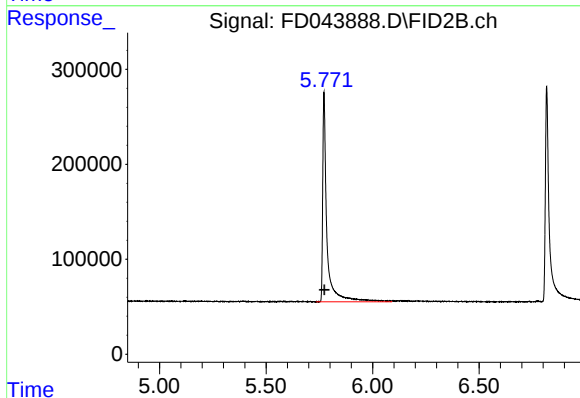
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 2967372
Conc: 19.74 ug/ml

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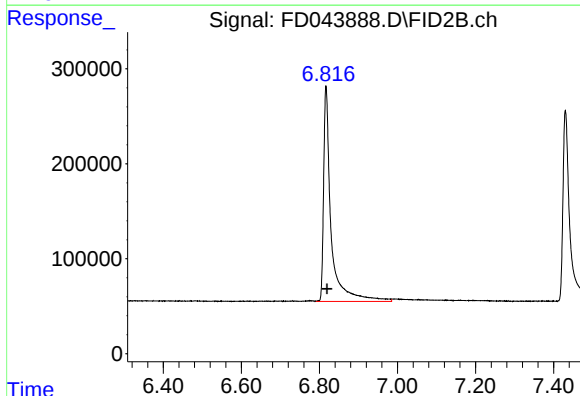
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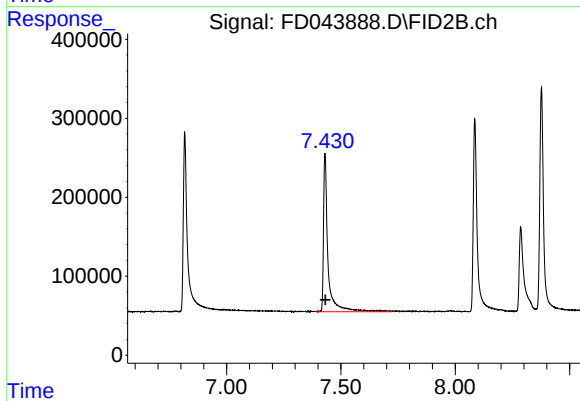
#2 Naphthalene (C11.7)

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 3082884
Conc: 21.65 ug/ml



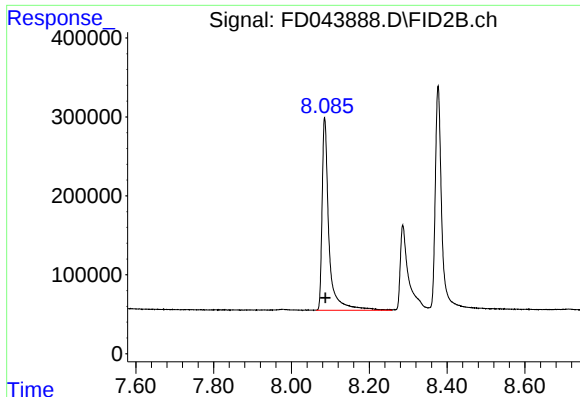
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 3043945
Conc: 20.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 2750845
Conc: 20.91 ug/ml



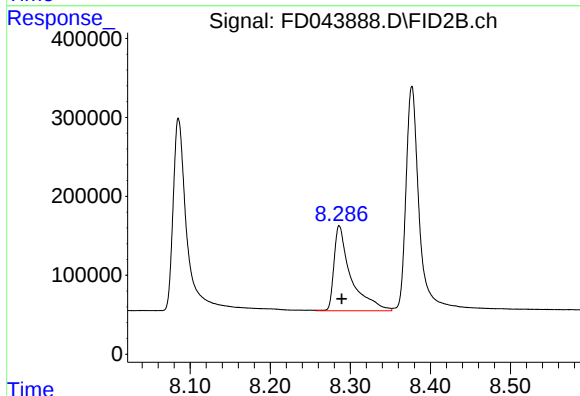
#5 Acenaphthylene (C15.06)

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 2996941
Conc: 19.42 ug/ml

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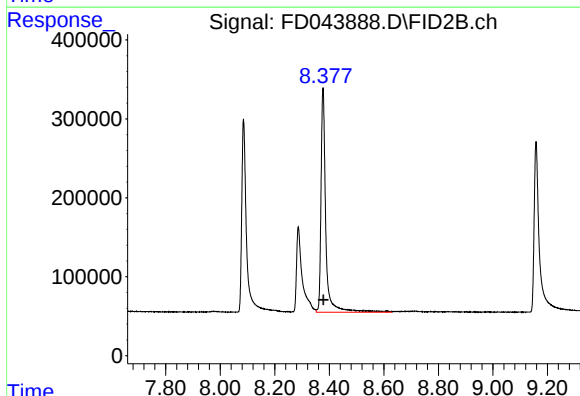
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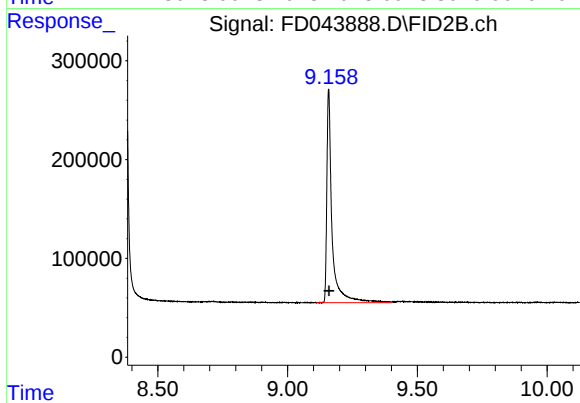
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.287 min
Delta R.T.: -0.003 min
Response: 1583318
Conc: 21.95 ug/ml



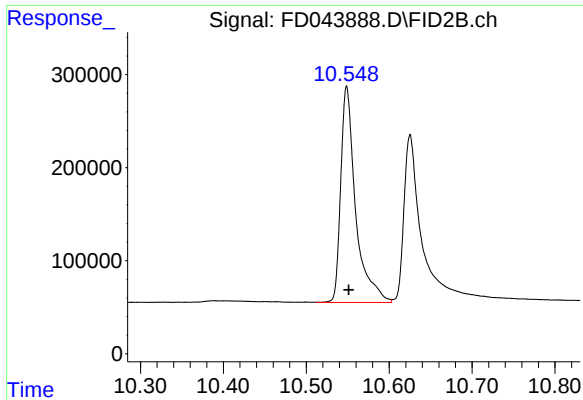
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: -0.001 min
Response: 3476676
Conc: 19.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.002 min
Response: 3061967
Conc: 20.83 ug/ml



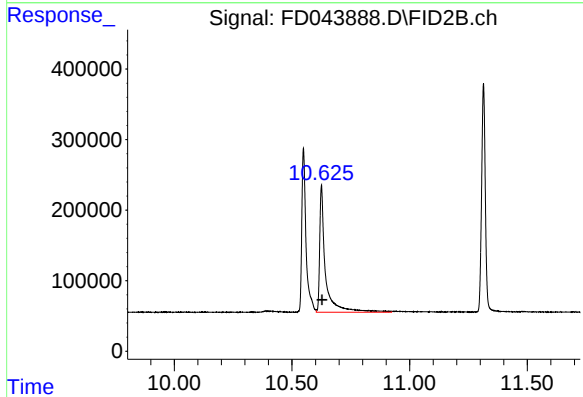
#9 Phenanthrene (C19.36)

R.T.: 10.549 min
Delta R.T.: -0.002 min
Response: 2903695
Conc: 20.07 ug/ml

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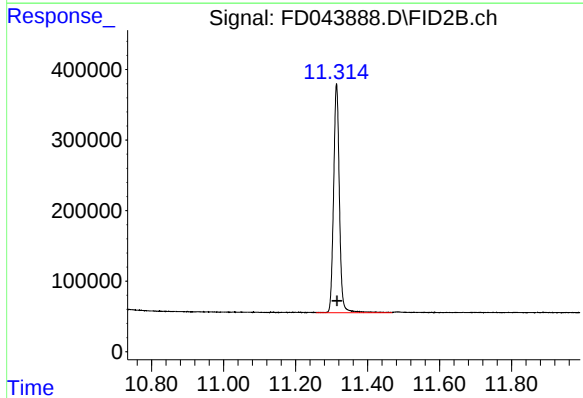
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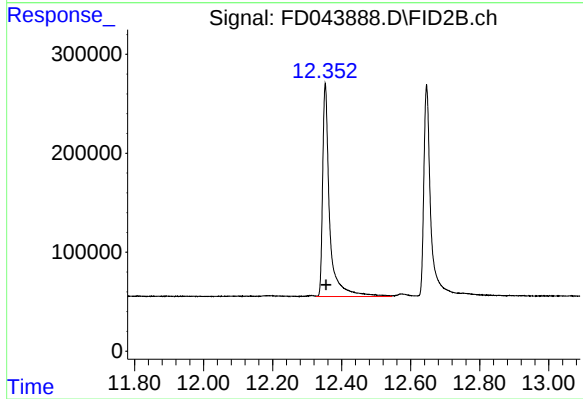
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.002 min
Response: 3126550
Conc: 21.30 ug/ml



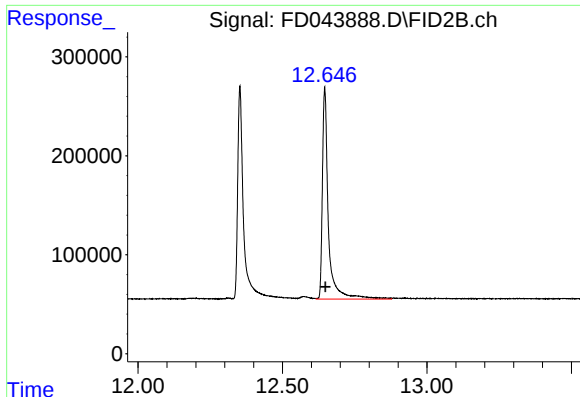
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: -0.001 min
Response: 3640587
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.002 min
Response: 3055809
Conc: 19.92 ug/ml



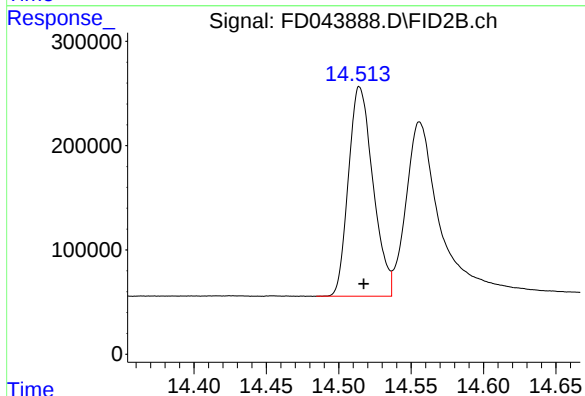
#13 Pyrene (C20.8)

R.T.: 12.646 min
Delta R.T.: -0.002 min
Response: 3100857
Conc: 20.84 ug/ml

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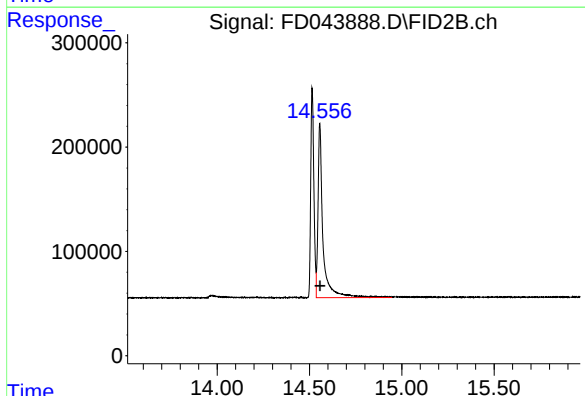
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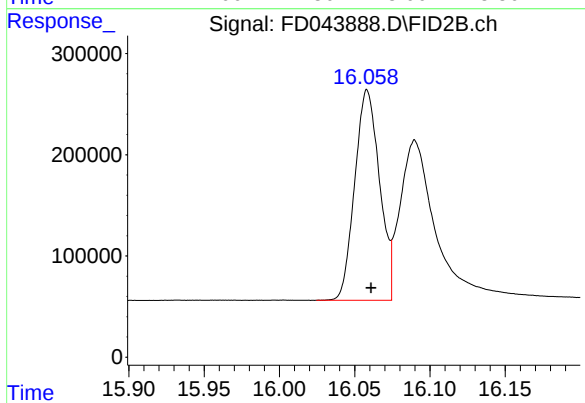
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.515 min
Delta R.T.: -0.002 min
Response: 2373334
Conc: 21.23 ug/ml



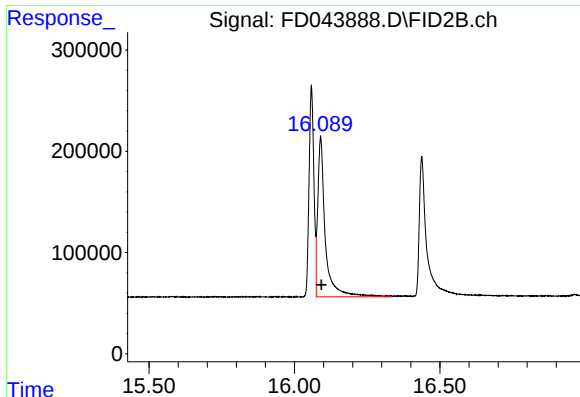
#15 Chrysene (C27.41)

R.T.: 14.556 min
Delta R.T.: -0.002 min
Response: 3186013
Conc: 20.39 ug/ml



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

R.T.: 16.058 min
Delta R.T.: -0.002 min
Response: 2385771
Conc: 20.46 ug/ml



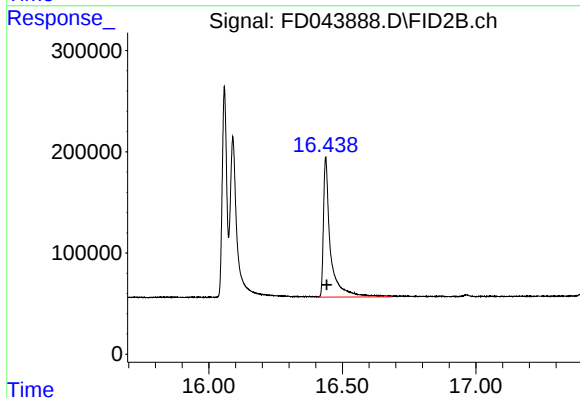
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.090 min
Delta R.T.: -0.002 min
Response: 2864510
Conc: 19.29 ug/ml

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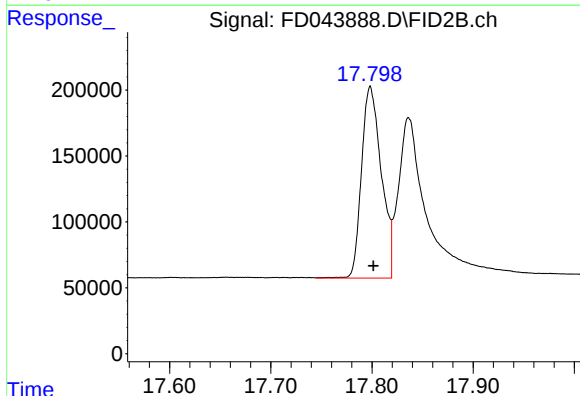
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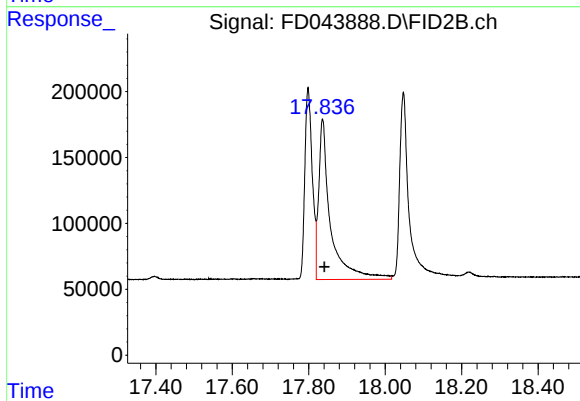
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.438 min
Delta R.T.: -0.004 min
Response: 2555946
Conc: 21.10 ug/ml



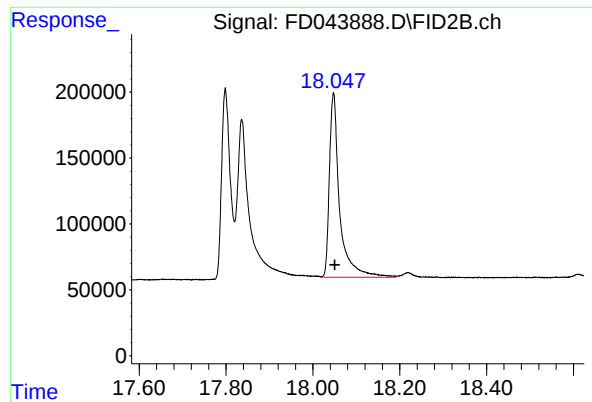
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min
Delta R.T.: -0.003 min
Response: 1972504
Conc: 20.75 ug/ml



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

R.T.: 17.836 min
Delta R.T.: -0.004 min
Response: 2624398
Conc: 21.85 ug/ml



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

R.T.: 18.047 min
Delta R.T.: -0.003 min
Response: 2295488
Conc: 20.14 ug/ml

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