

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072022AR\
 Data File : FD043287.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2022 11:19
 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 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: sample.E
 Quant Time: Jul 21 02:15:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.620	3503102	22.687 ug/ml
Spiked Amount 50.000		Recovery =	45.37%
6) S 2-Fluorobiphenyl (SURR)	8.483	2277668	21.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.19%
11) S ortho-Terphenyl (SURR)	11.530	4214533	23.189 ug/ml
Spiked Amount 50.000		Recovery =	46.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	3977586	23.683 ug/ml
2) T Naphthalene (C11.7)	5.955	3977564	22.720 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	3621379	22.515 ug/ml
5) T Acenaphthylene (C15.06)	8.286	3897272	21.926 ug/ml
7) T Acenaphthene (C15.5)	8.582	3997121	22.826 ug/ml
8) T Flouorene (C16.55)	9.363	3757520	21.677 ug/ml
9) T Phenanthrene (C19.36)	10.761	3636743	21.204 ug/ml
10) T Anthracene (C19.43)	10.835	2869379	16.889 ug/ml
12) T Fluoranthene (C21.85)	12.574	3595503	21.438 ug/ml
13) T Pyrene (C20.8)	12.871	3527308	21.644 ug/mlm
14) T Benzo[a]anthracene (C...	14.743	3015079	19.415 ug/mlm
15) T Chrysene (C27.41)	14.786	3357625	21.274 ug/ml
16) T benzo[b]fluoranthene ...	16.295	3141218	20.607 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.326	3140351	21.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2832541	19.803 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	2294100	18.333 ug/mlm
20) T Dibenz[a,h]anthracene...	18.077	2740966	20.388 ug/ml
21) T Benzo[g,h,i]perylene ...	18.292	2770453	21.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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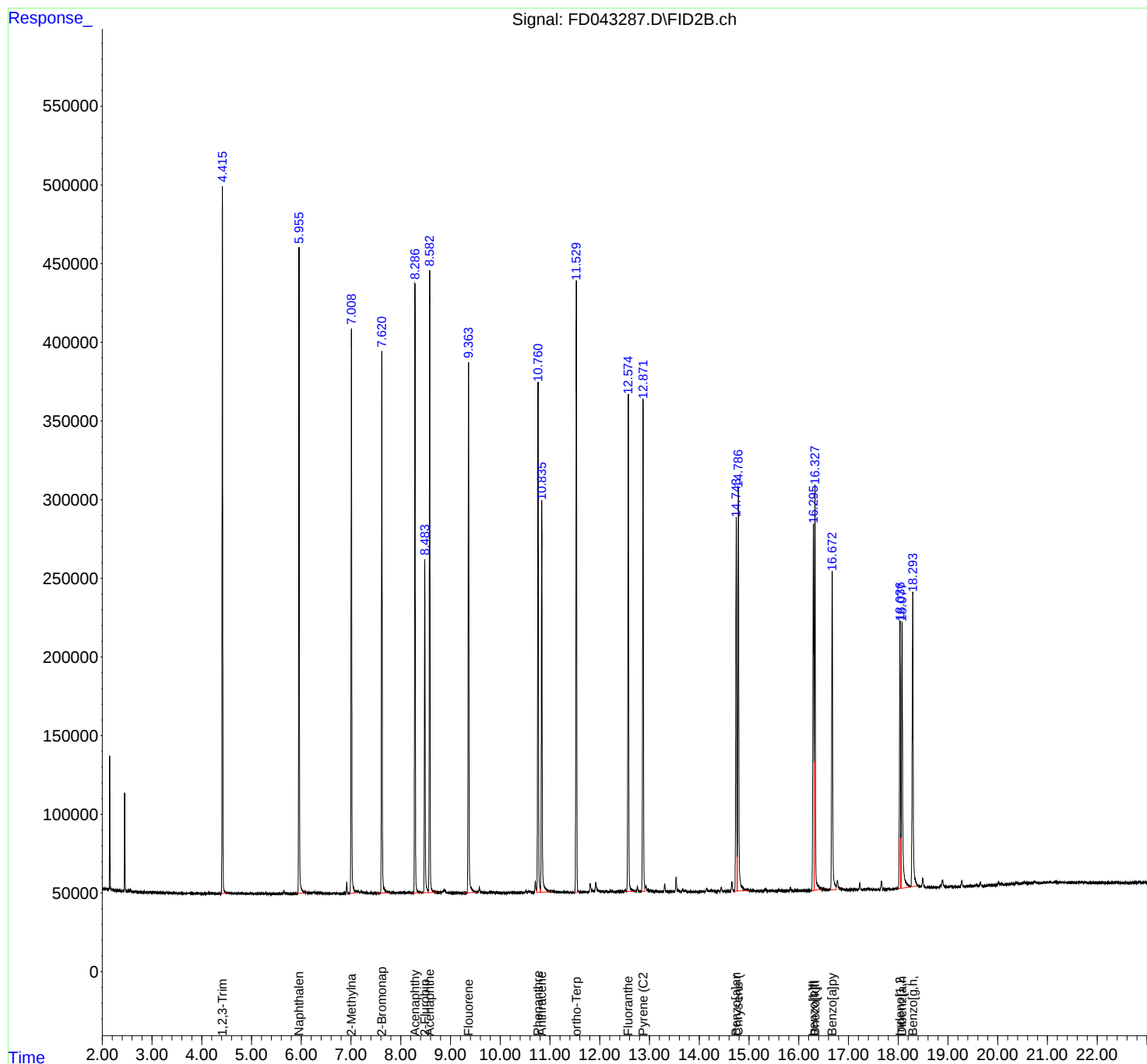
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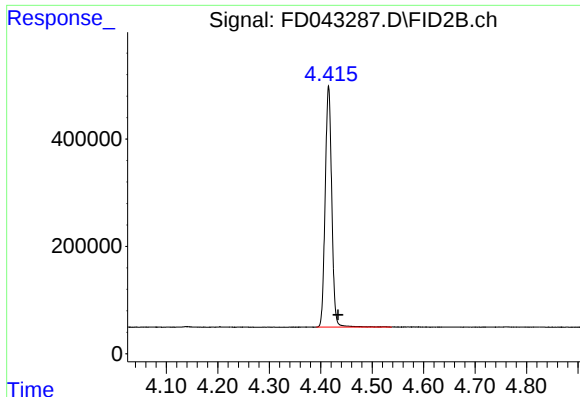
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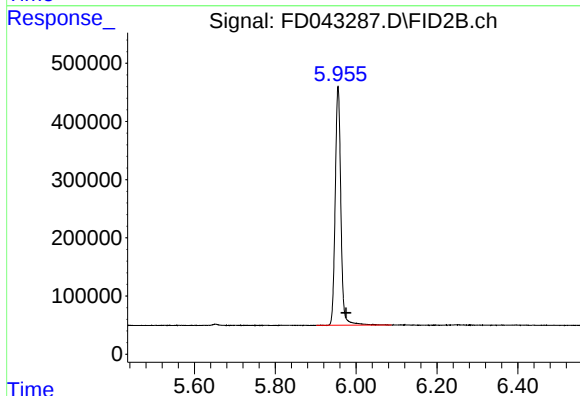
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 3977586
Conc: 23.68 ug/ml

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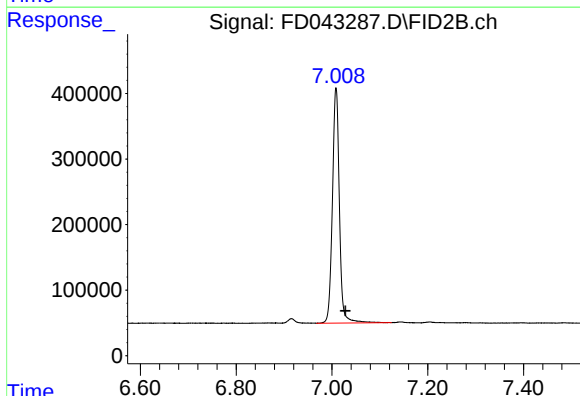
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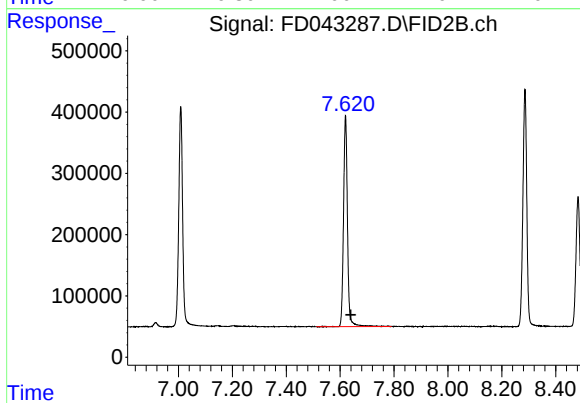
#2 Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: -0.020 min
Response: 3977564
Conc: 22.72 ug/ml



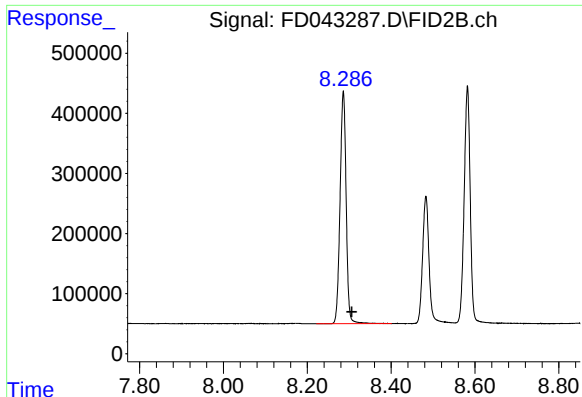
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.019 min
Response: 3621379
Conc: 22.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.620 min
Delta R.T.: -0.019 min
Response: 3503102
Conc: 22.69 ug/ml



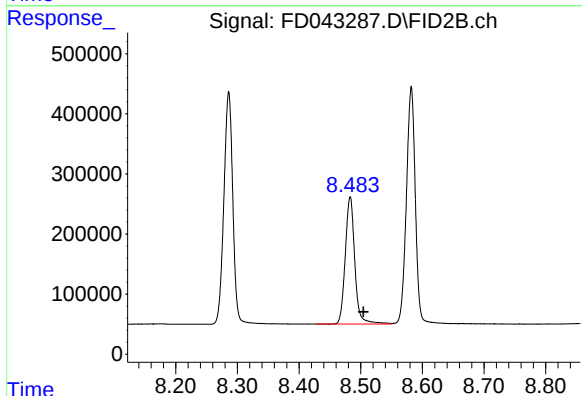
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: -0.020 min
Response: 3897272
Conc: 21.93 ug/ml

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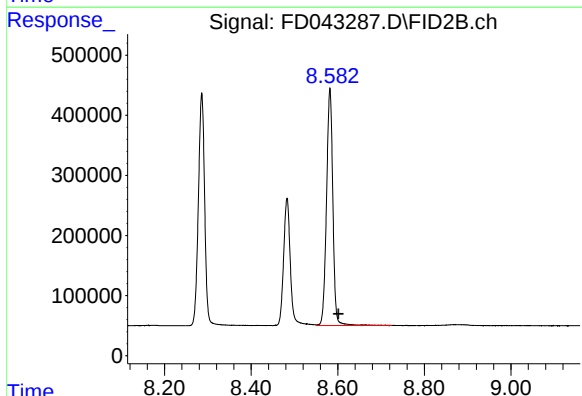
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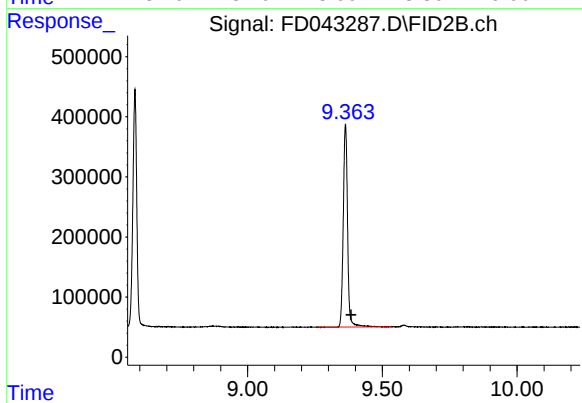
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.483 min
Delta R.T.: -0.021 min
Response: 2277668
Conc: 21.59 ug/ml



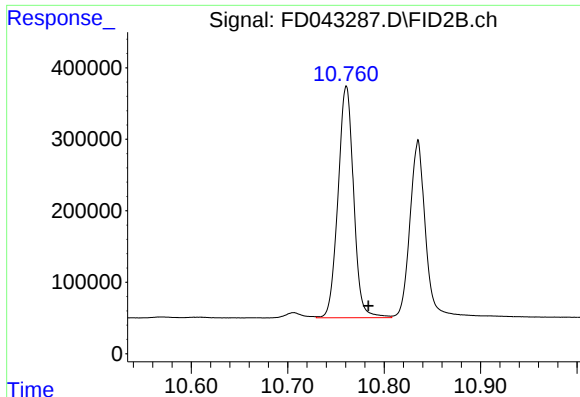
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.020 min
Response: 3997121
Conc: 22.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.363 min
Delta R.T.: -0.021 min
Response: 3757520
Conc: 21.68 ug/ml



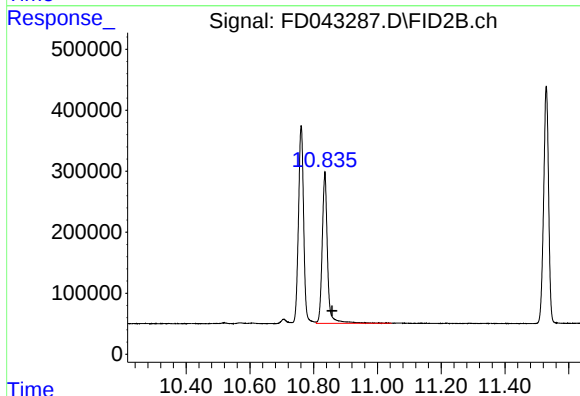
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: -0.023 min
Response: 3636743
Conc: 21.20 ug/ml

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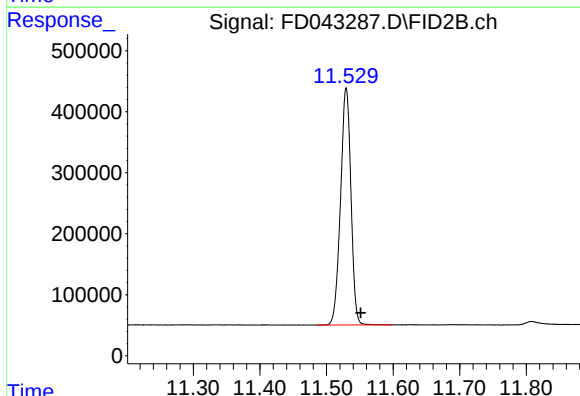
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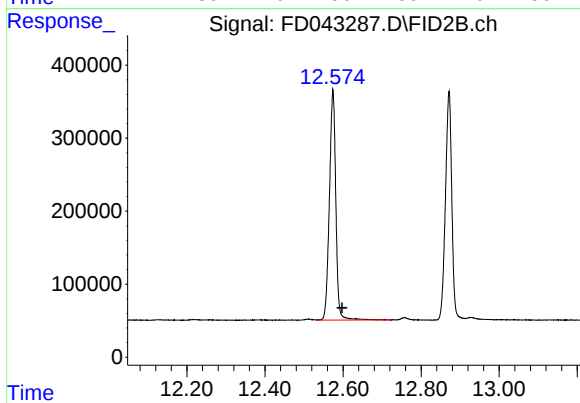
#10 Anthracene (C19.43)

R.T.: 10.835 min
Delta R.T.: -0.023 min
Response: 2869379
Conc: 16.89 ug/ml



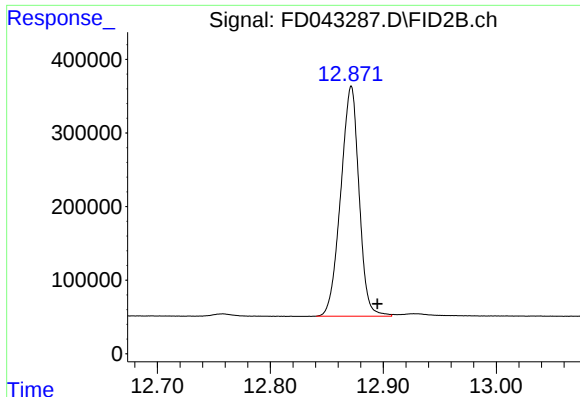
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.022 min
Response: 4214533
Conc: 23.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: -0.024 min
Response: 3595503
Conc: 21.44 ug/ml



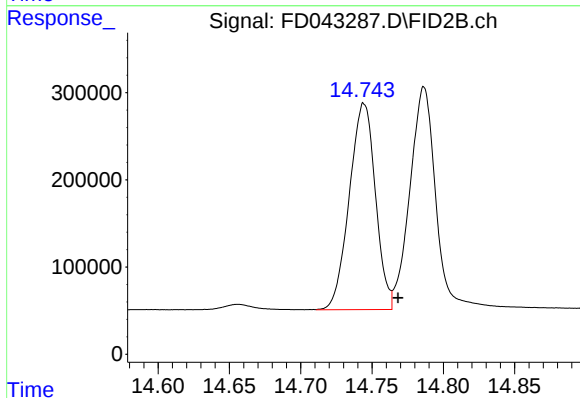
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3527308
Conc: 21.64 ug/ml

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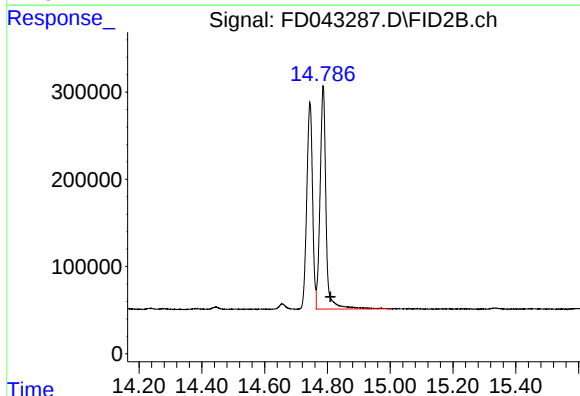
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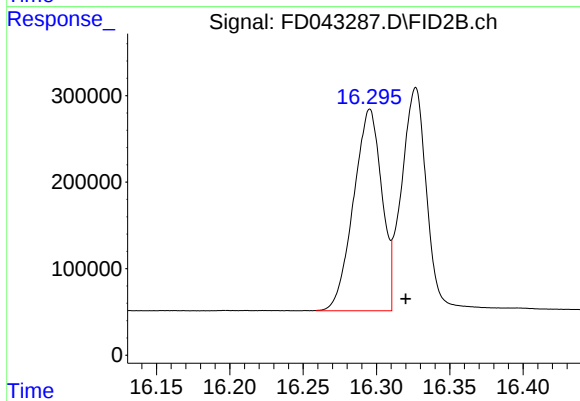
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: -0.025 min
Response: 3015079
Conc: 19.41 ug/ml m



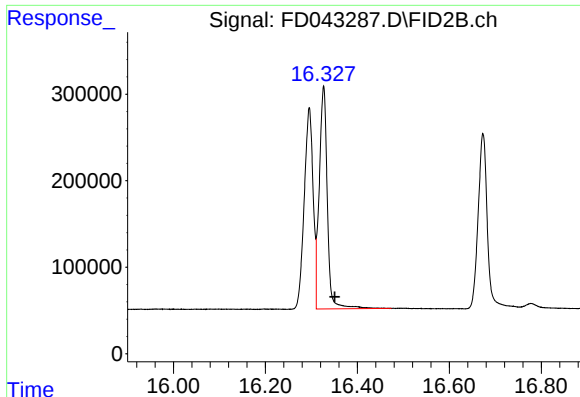
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 3357625
Conc: 21.27 ug/ml



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

R.T.: 16.295 min
Delta R.T.: -0.025 min
Response: 3141218
Conc: 20.61 ug/ml m



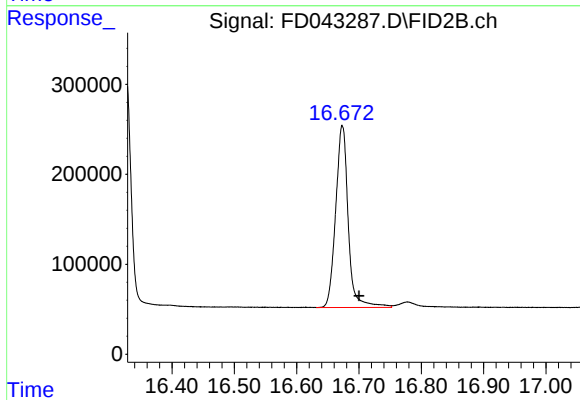
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.326 min
Delta R.T.: -0.024 min
Response: 3140351
Conc: 21.46 ug/ml

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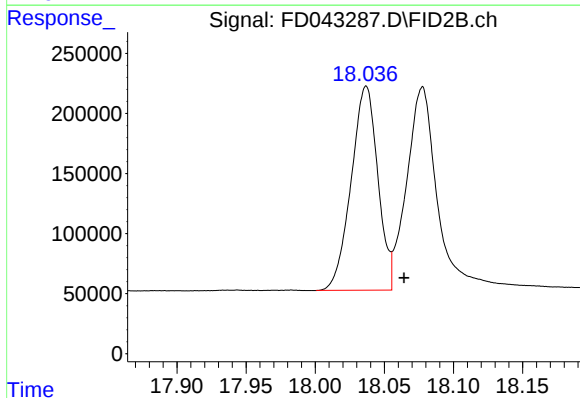
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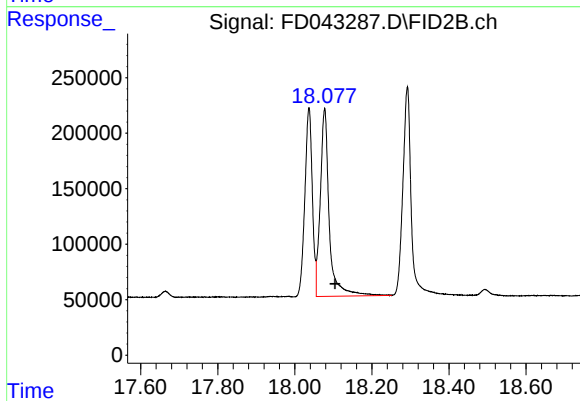
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2832541
Conc: 19.80 ug/ml



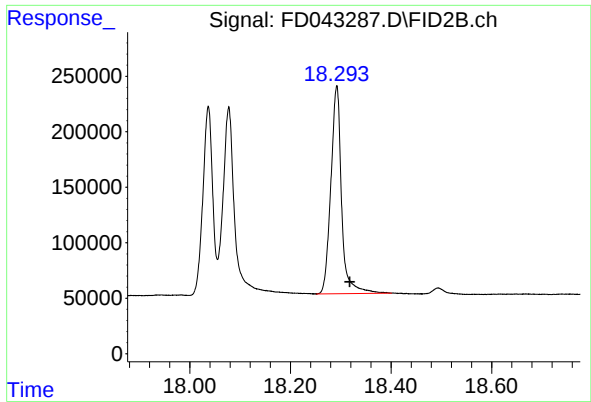
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: -0.028 min
Response: 2294100
Conc: 18.33 ug/ml m



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

R.T.: 18.077 min
Delta R.T.: -0.027 min
Response: 2740966
Conc: 20.39 ug/ml



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

R.T.: 18.292 min
Delta R.T.: -0.026 min
Response: 2770453
Conc: 21.24 ug/ml

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