

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083122AR\
 Data File : FD043780.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 11:32
 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 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File: autoint1.e
 Quant Time: Sep 01 06:46:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.441	3221744	18.646 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
6) S 2-Fluorobiphenyl (SURR)	8.296	1992511	19.808 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.62%
11) S ortho-Terphenyl (SURR)	11.327	3730837	17.833 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.249	3738285	18.772 ug/ml
2) T Naphthalene (C11.7)	5.782	3658413	18.201 ug/ml
3) T 2-Methylnaphthalene (...)	6.828	3332781	18.464 ug/ml
5) T Acenaphthylene (C15.06)	8.098	3615764	18.089 ug/ml
7) T Acenaphthene (C15.5)	8.390	3841984	17.873 ug/ml
8) T Flouorene (C16.55)	9.170	3499739	18.255 ug/ml
9) T Phenanthrene (C19.36)	10.561	3324528	18.488 ug/ml
10) T Anthracene (C19.43)	10.637	3044189	15.651 ug/ml
12) T Fluoranthene (C21.85)	12.365	3154173	17.296 ug/mlm
13) T Pyrene (C20.8)	12.661	3264354	17.488 ug/ml
14) T Benzo[a]anthracene (C...	14.529	2670527	18.665 ug/mlm
15) T Chrysene (C27.41)	14.571	3157203	16.358 ug/ml
16) T benzo[b]fluoranthene ...	16.075	2690903	18.648 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.106	2686290	15.618 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	2442900	16.824 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	2331020	22.540 ug/mlm
20) T Dibenz[a,h]anthracene...	17.852	2672565	18.992 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.066	2625413	20.623 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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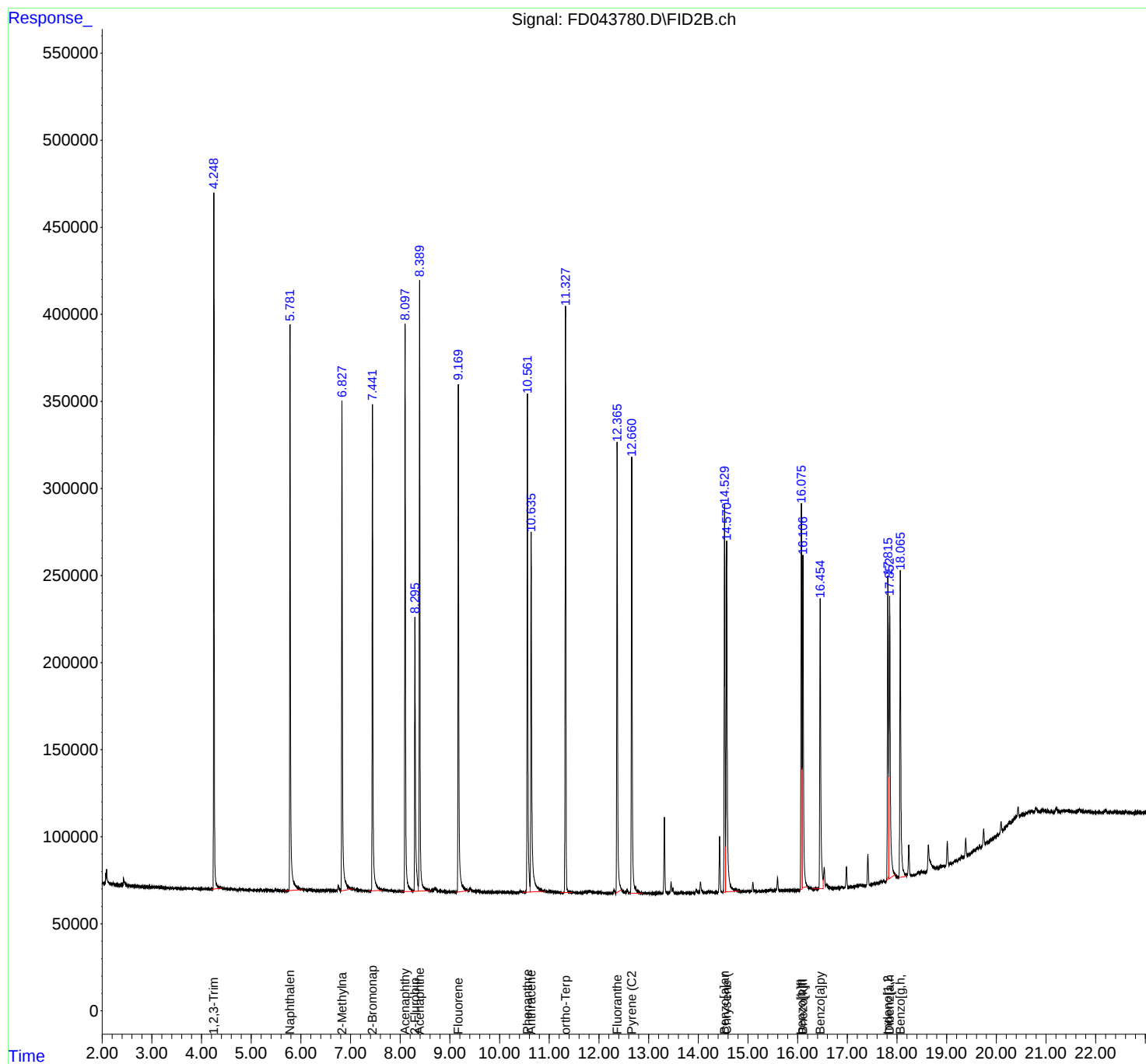
Instrument :
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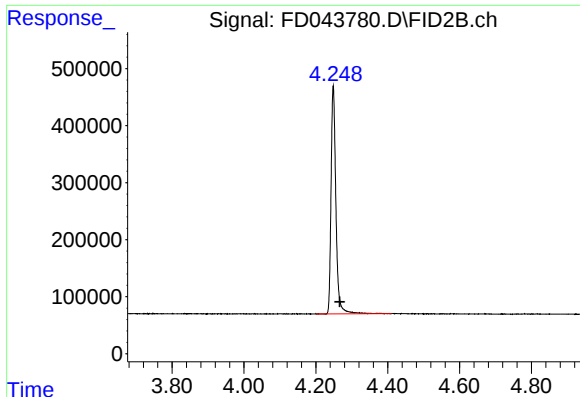
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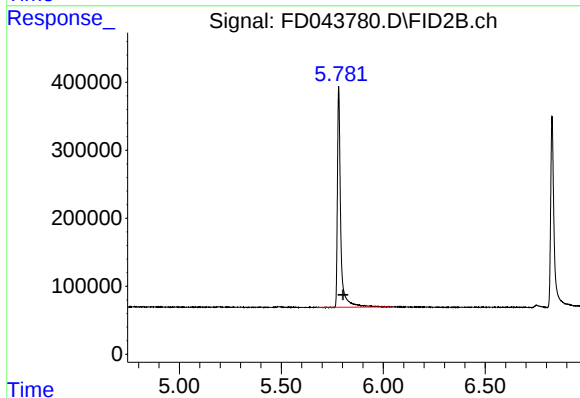
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.249 min
Delta R.T.: -0.018 min
Response: 3738285
Conc: 18.77 ug/ml

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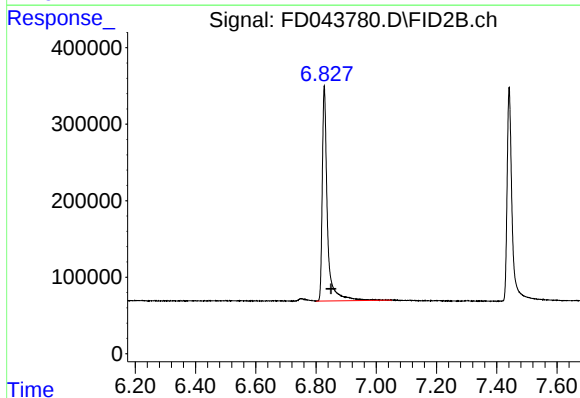
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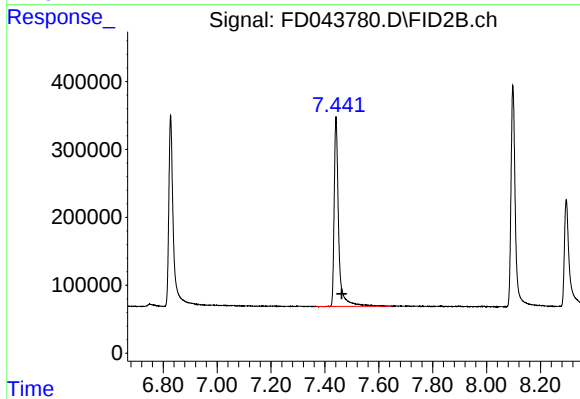
#2 Naphthalene (C11.7)

R.T.: 5.782 min
Delta R.T.: -0.021 min
Response: 3658413
Conc: 18.20 ug/ml



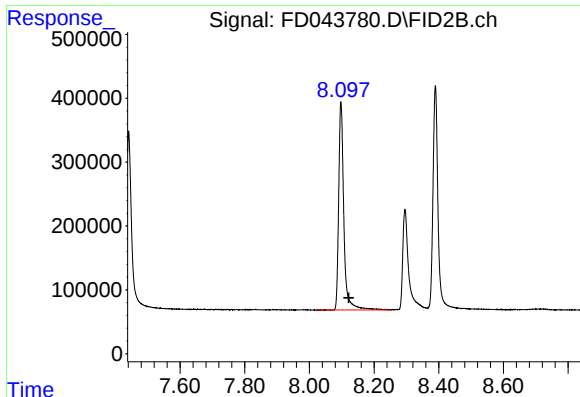
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.828 min
Delta R.T.: -0.022 min
Response: 3332781
Conc: 18.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.441 min
Delta R.T.: -0.022 min
Response: 3221744
Conc: 18.65 ug/ml



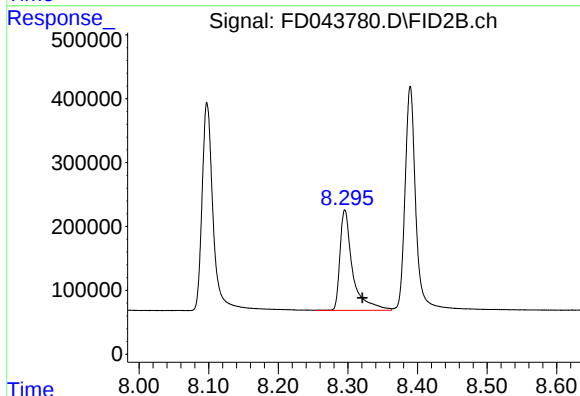
#5 Acenaphthylene (C15.06)

R.T.: 8.098 min
Delta R.T.: -0.023 min
Response: 3615764
Conc: 18.09 ug/ml

Instrument :
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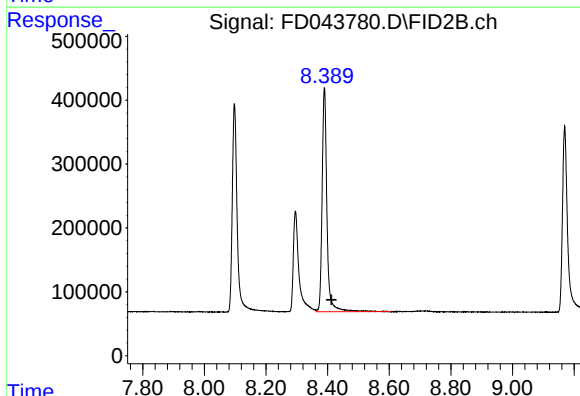
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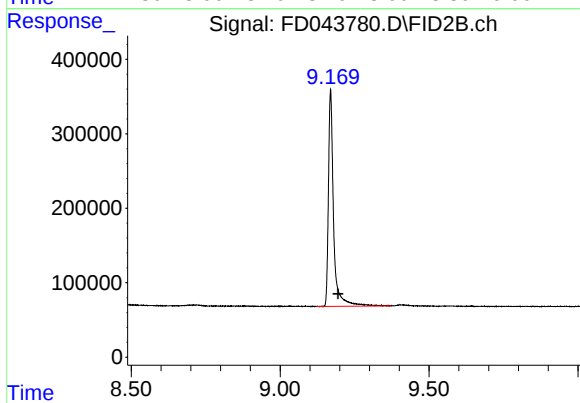
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.296 min
Delta R.T.: -0.025 min
Response: 1992511
Conc: 19.81 ug/ml



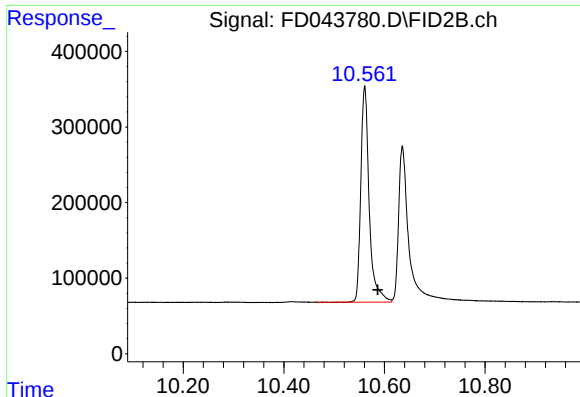
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.023 min
Response: 3841984
Conc: 17.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.026 min
Response: 3499739
Conc: 18.26 ug/ml



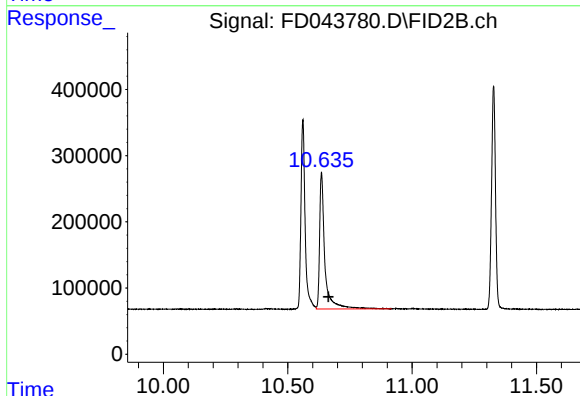
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.026 min
Response: 3324528
Conc: 18.49 ug/ml

Instrument :
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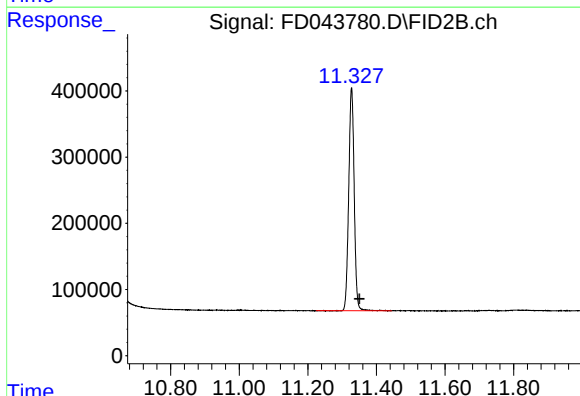
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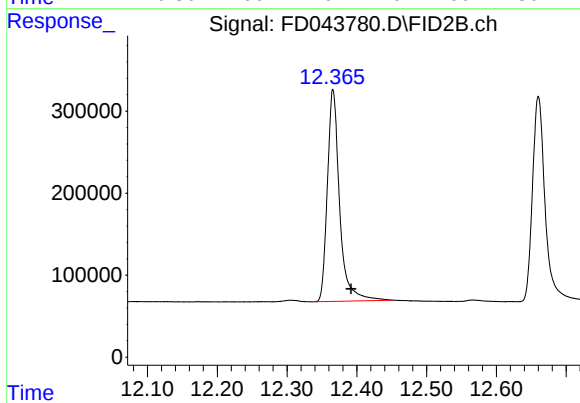
#10 Anthracene (C19.43)

R.T.: 10.637 min
Delta R.T.: -0.027 min
Response: 3044189
Conc: 15.65 ug/ml



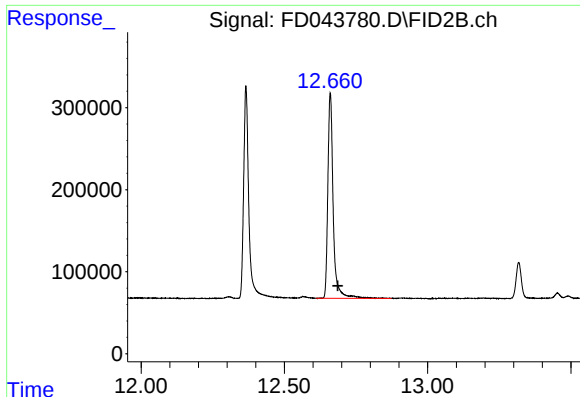
#11 ortho-Terphenyl (SURR)

R.T.: 11.327 min
Delta R.T.: -0.023 min
Response: 3730837
Conc: 17.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.365 min
Delta R.T.: -0.026 min
Response: 3154173
Conc: 17.30 ug/ml m



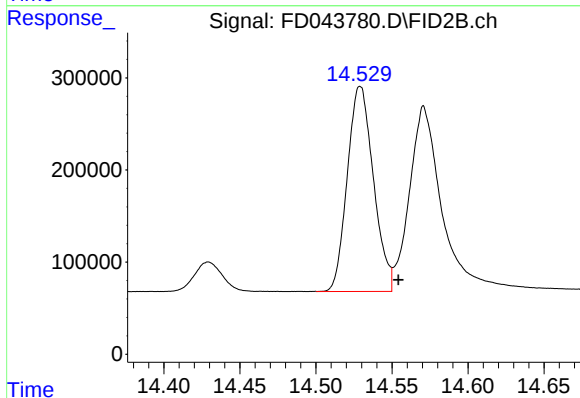
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: -0.026 min
Response: 3264354
Conc: 17.49 ug/ml

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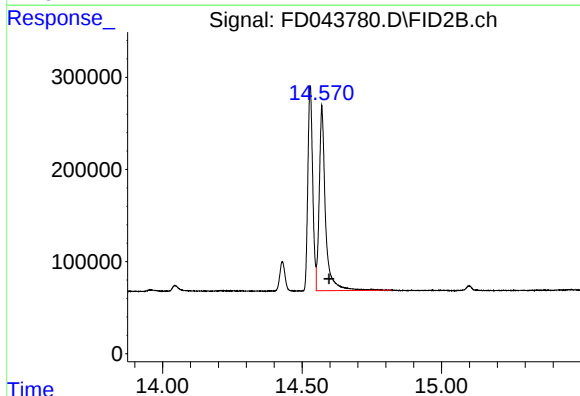
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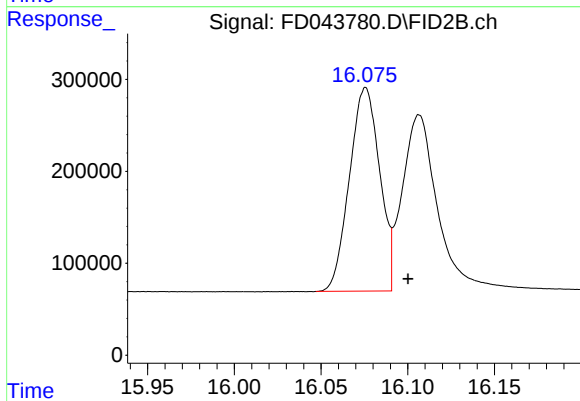
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.026 min
Response: 2670527
Conc: 18.66 ug/ml m



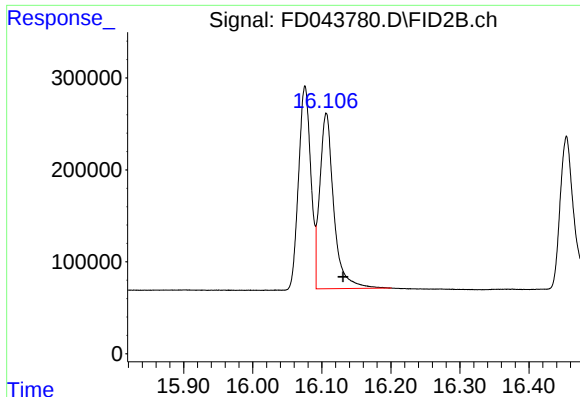
#15 Chrysene (C27.41)

R.T.: 14.571 min
Delta R.T.: -0.025 min
Response: 3157203
Conc: 16.36 ug/ml



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

R.T.: 16.075 min
Delta R.T.: -0.025 min
Response: 2690903
Conc: 18.65 ug/ml m



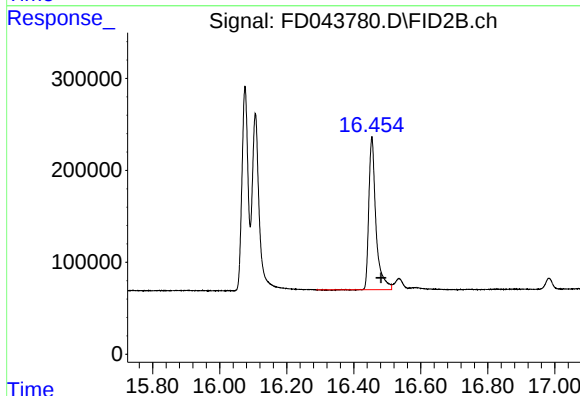
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.024 min
Response: 2686290
Conc: 15.62 ug/ml

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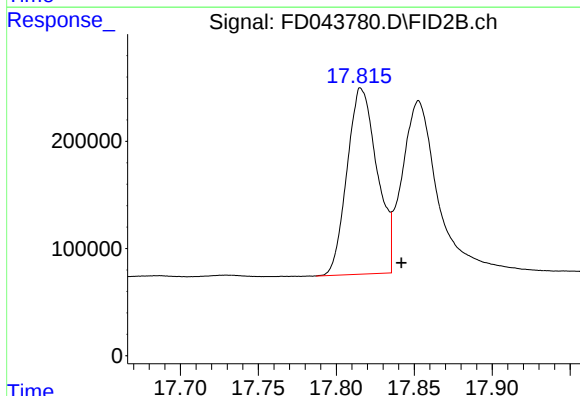
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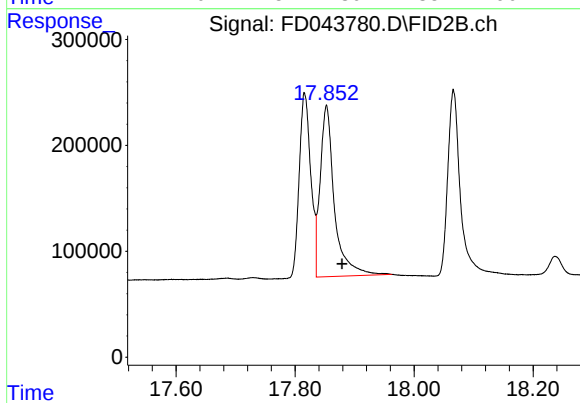
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.027 min
Response: 2442900
Conc: 16.82 ug/ml



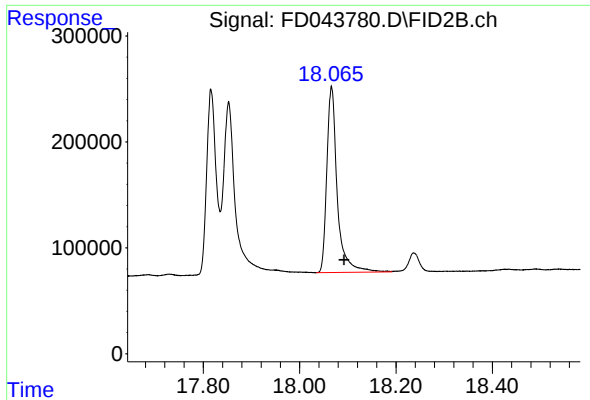
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.027 min
Response: 2331020
Conc: 22.54 ug/ml m



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

R.T.: 17.852 min
Delta R.T.: -0.027 min
Response: 2672565
Conc: 18.99 ug/ml m



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

R.T.: 18.066 min
Delta R.T.: -0.026 min
Response: 2625413
Conc: 20.62 ug/ml

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