

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043162.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 15:44
 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 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 05:28:10 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...	7.626	3084124	19.974 ug/ml
Spiked Amount 50.000		Recovery =	39.95%
6) S 2-Fluorobiphenyl (SURR)	8.490	2063263	19.562 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.12%
11) S ortho-Terphenyl (SURR)	11.534	3501269	19.264 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	3459529	20.598 ug/ml
2) T Naphthalene (C11.7)	5.963	3545781	20.253 ug/ml
3) T 2-Methylnaphthalene (...)	7.016	3219013	20.013 ug/ml
5) T Acenaphthylene (C15.06)	8.293	3458537	19.458 ug/ml
7) T Acenaphthene (C15.5)	8.589	3471798	19.826 ug/ml
8) T Flouorene (C16.55)	9.370	3375985	19.476 ug/ml
9) T Phenanthrene (C19.36)	10.767	3250554	18.952 ug/ml
10) T Anthracene (C19.43)	10.841	3194982	18.806 ug/ml
12) T Fluoranthene (C21.85)	12.579	3111657	18.553 ug/ml
13) T Pyrene (C20.8)	12.876	3027447	18.577 ug/mlm
14) T Benzo[a]anthracene (C...	14.748	2834234	18.250 ug/ml
15) T Chrysene (C27.41)	14.790	2928911	18.557 ug/ml
16) T benzo[b]fluoranthene ...	16.300	2864614	18.792 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.330	2826106	19.309 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	2755349	19.264 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.041	2545922	20.345 ug/mlm
20) T Dibenz[a,h]anthracene...	18.080	2832959	21.073 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2741506	21.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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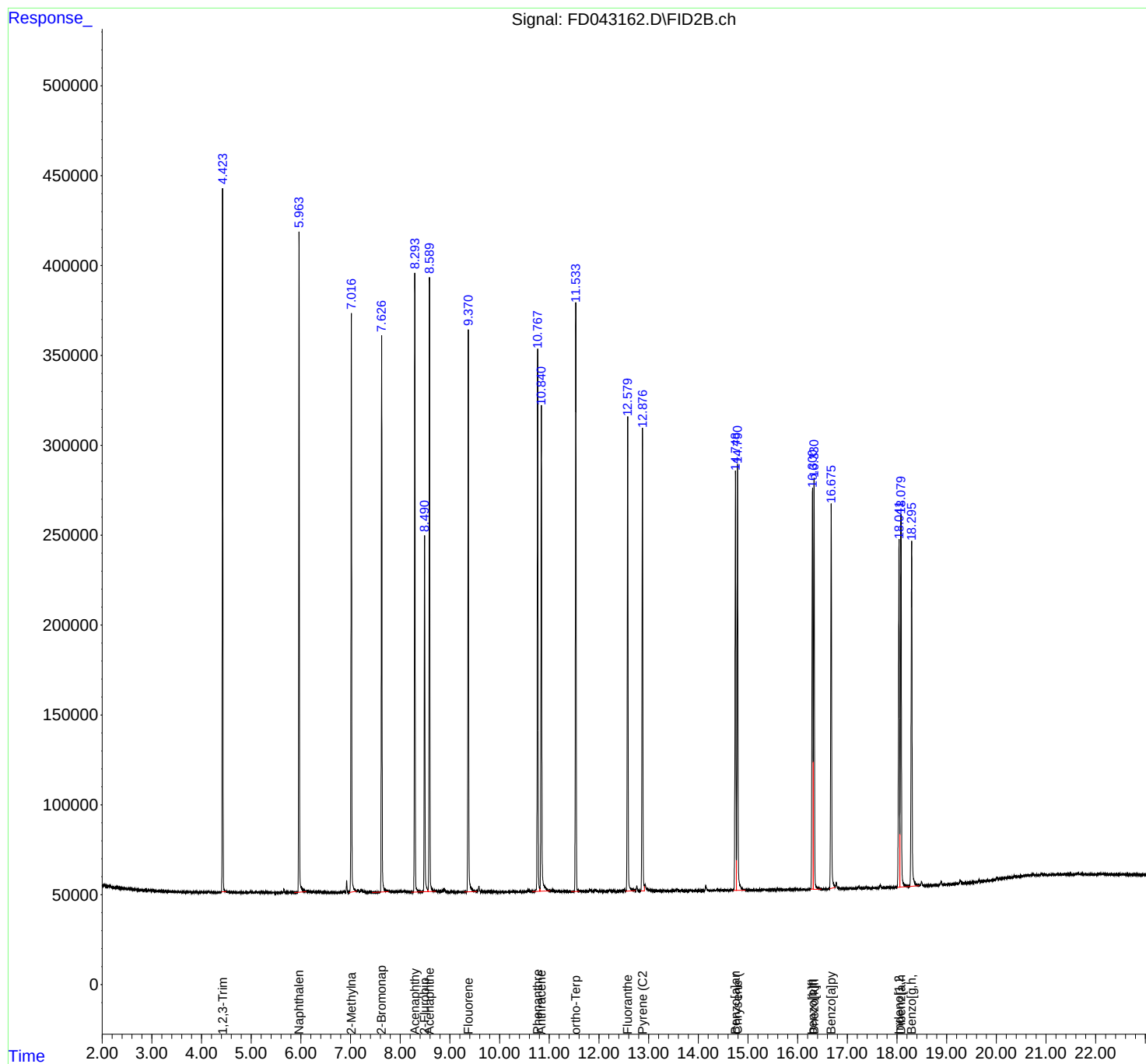
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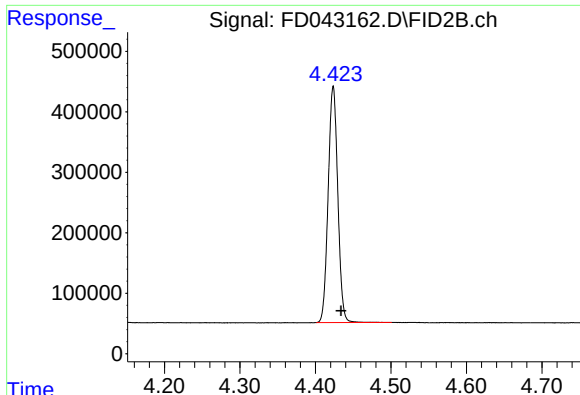
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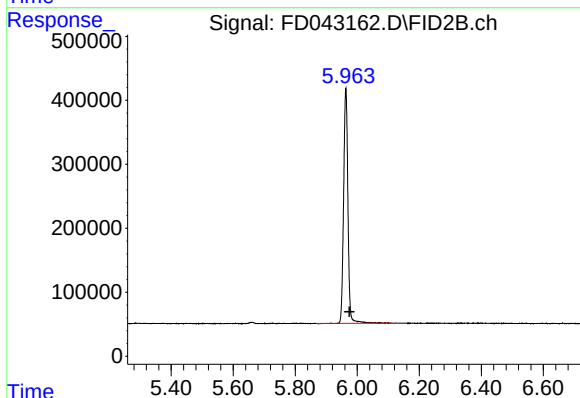
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 3459529
Conc: 20.60 ug/ml

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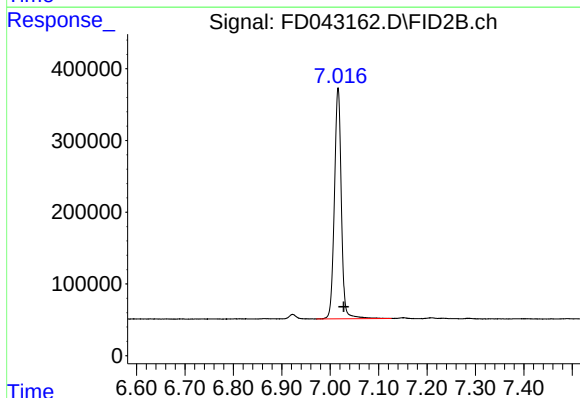
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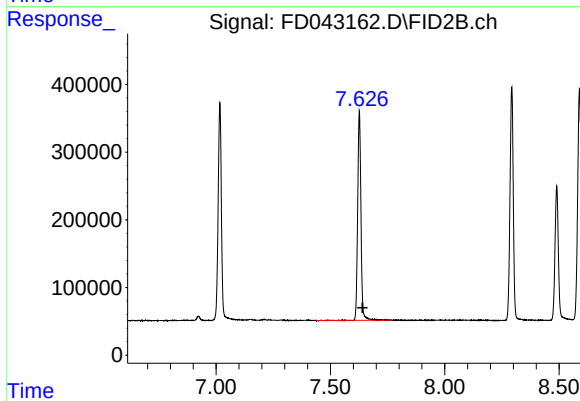
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 3545781
Conc: 20.25 ug/ml



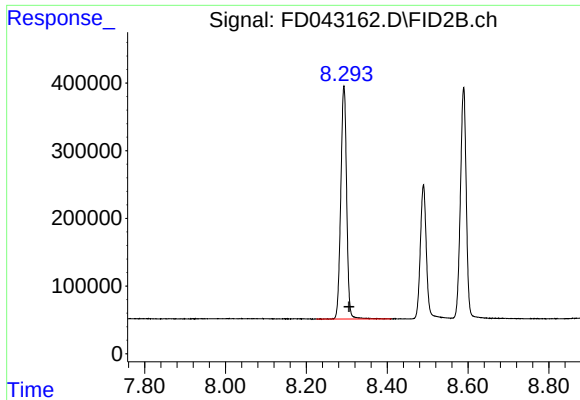
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: -0.012 min
Response: 3219013
Conc: 20.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.626 min
Delta R.T.: -0.013 min
Response: 3084124
Conc: 19.97 ug/ml



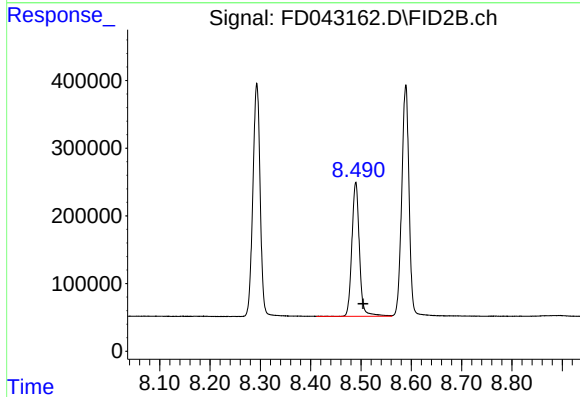
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: -0.013 min
Response: 3458537
Conc: 19.46 ug/ml

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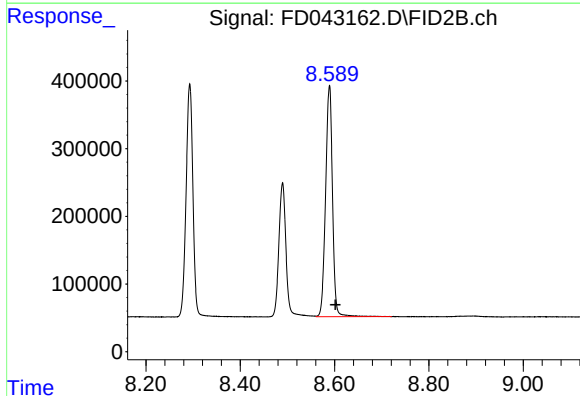
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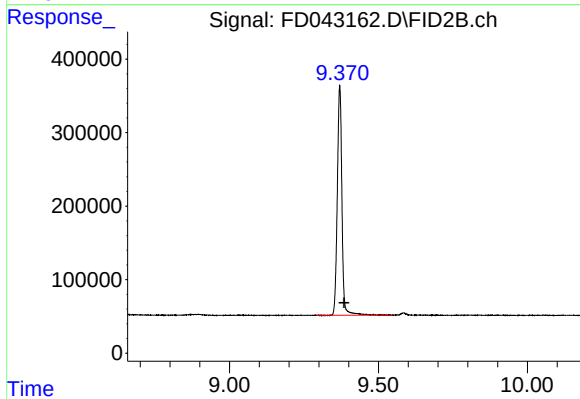
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.015 min
Response: 2063263
Conc: 19.56 ug/ml



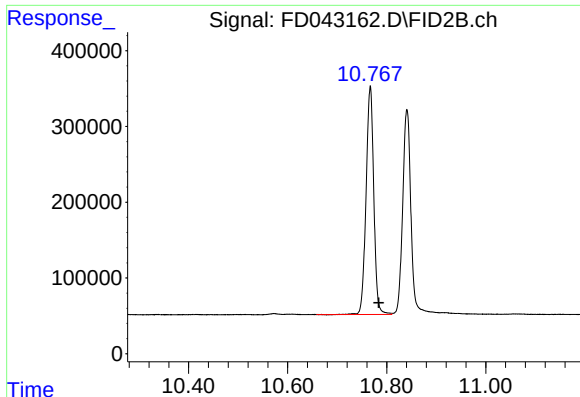
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.013 min
Response: 3471798
Conc: 19.83 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.015 min
Response: 3375985
Conc: 19.48 ug/ml



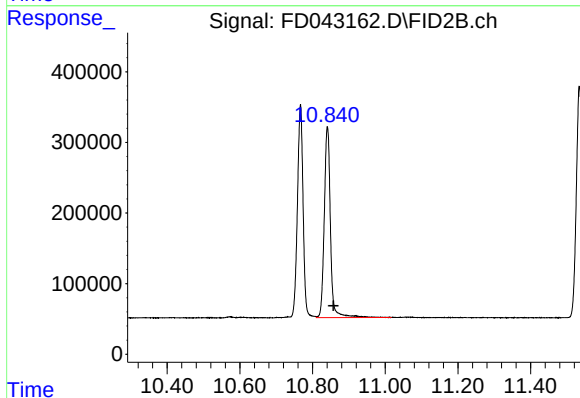
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 3250554
Conc: 18.95 ug/ml

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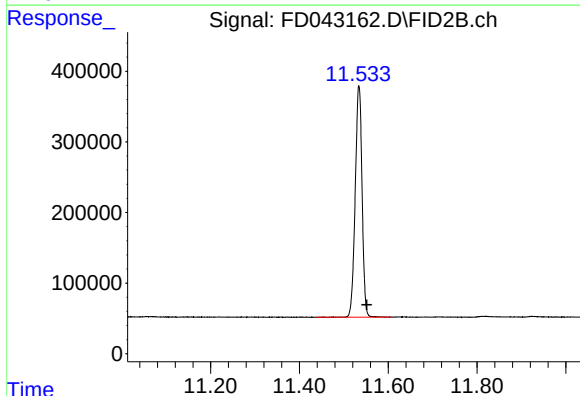
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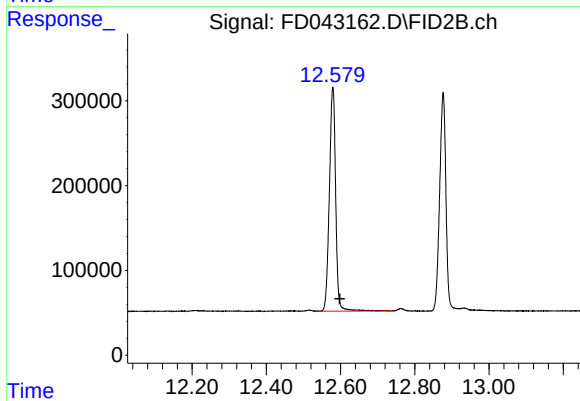
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.017 min
Response: 3194982
Conc: 18.81 ug/ml



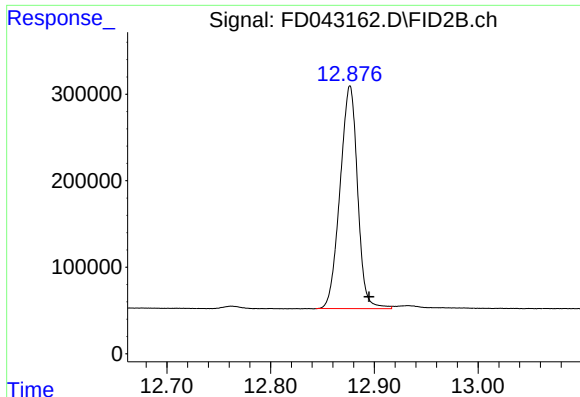
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.017 min
Response: 3501269
Conc: 19.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.018 min
Response: 3111657
Conc: 18.55 ug/ml



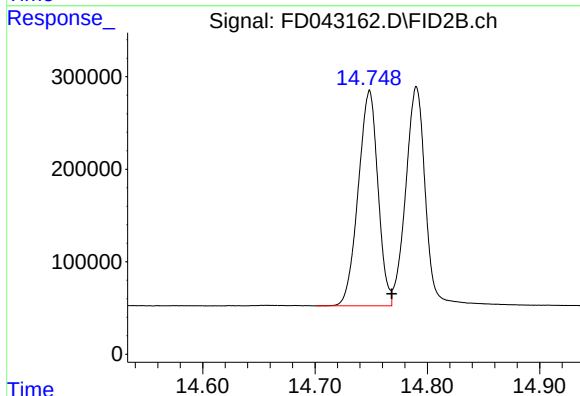
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 3027447
Conc: 18.58 ug/ml

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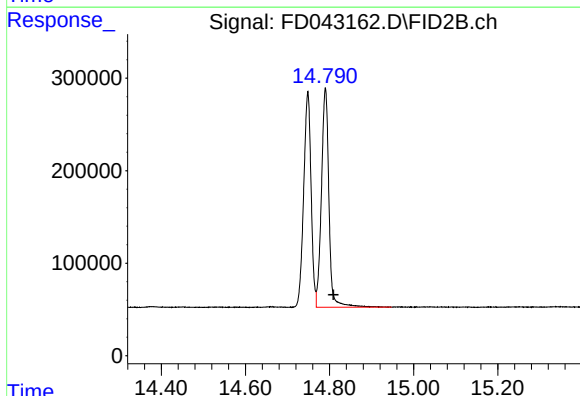
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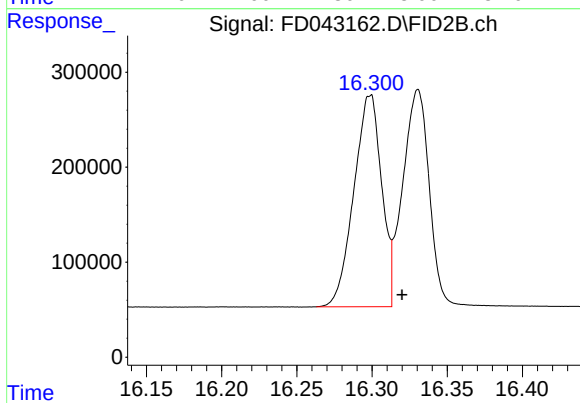
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.020 min
Response: 2834234
Conc: 18.25 ug/ml



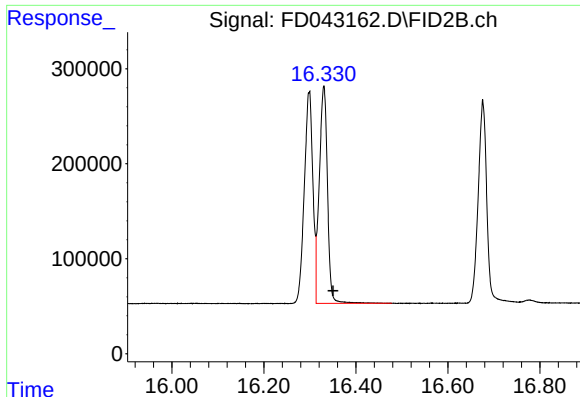
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 2928911
Conc: 18.56 ug/ml



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

R.T.: 16.300 min
Delta R.T.: -0.020 min
Response: 2864614
Conc: 18.79 ug/ml m



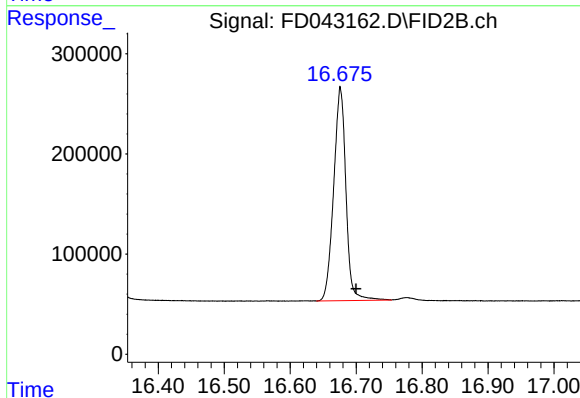
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: -0.020 min
Response: 2826106
Conc: 19.31 ug/ml

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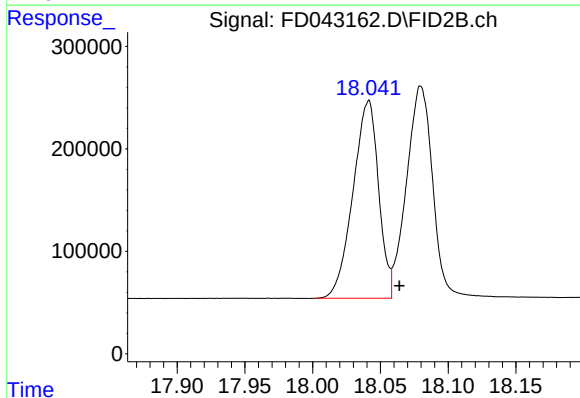
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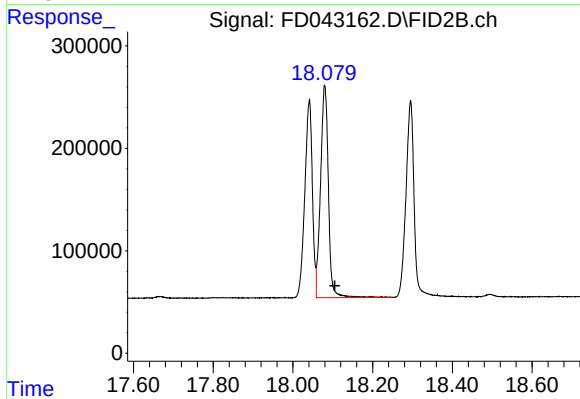
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 2755349
Conc: 19.26 ug/ml m



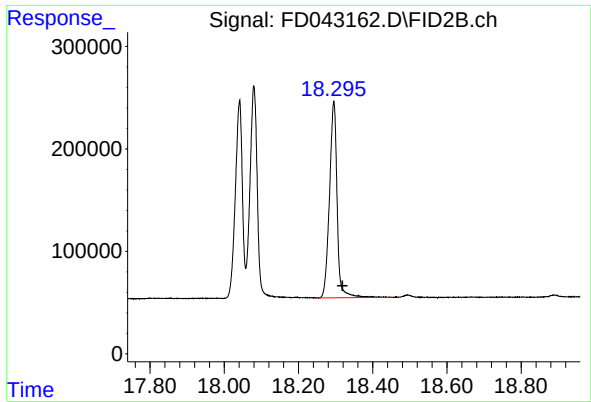
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: -0.023 min
Response: 2545922
Conc: 20.35 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: -0.025 min
Response: 2832959
Conc: 21.07 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.023 min
Response: 2741506
Conc: 21.02 ug/ml

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