

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111422AR\
 Data File : FD044444.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2022 13:35
 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 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File: autoint1.e
 Quant Time: Nov 15 04:33:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 06:01:26 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...	7.694	2744527	20.282 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	8.554	1882745	20.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.15%
11) S ortho-Terphenyl (SURR)	11.587	3459398	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	2946292	20.213 ug/ml
2) T Naphthalene (C11.7)	6.038	3142960	20.186 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	3186541	20.170 ug/ml
5) T Acenaphthylene (C15.06)	8.359	2917552	19.348 ug/ml
7) T Acenaphthene (C15.5)	8.653	3116708	20.142 ug/ml
8) T Flouorene (C16.55)	9.431	3092290	20.107 ug/ml
9) T Phenanthrene (C19.36)	10.823	3038675	20.207 ug/ml
10) T Anthracene (C19.43)	10.896	2624774	17.915 ug/ml
12) T Fluoranthene (C21.85)	12.627	3062563	20.152 ug/ml
13) T Pyrene (C20.8)	12.922	2988855	20.106 ug/mlm
14) T Benzo[a]anthracene (C...	14.783	2772319	19.806 ug/mlm
15) T Chrysene (C27.41)	14.826	2979304	20.343 ug/ml
16) T benzo[b]fluoranthene ...	16.325	2874384	19.986 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.358	2866181	20.159 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	2725431	19.481 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.058f	2684348	19.687 ug/mlm
20) T Dibenz[a,h]anthracene...	18.100	3007840	22.330 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312f	2734117	20.029 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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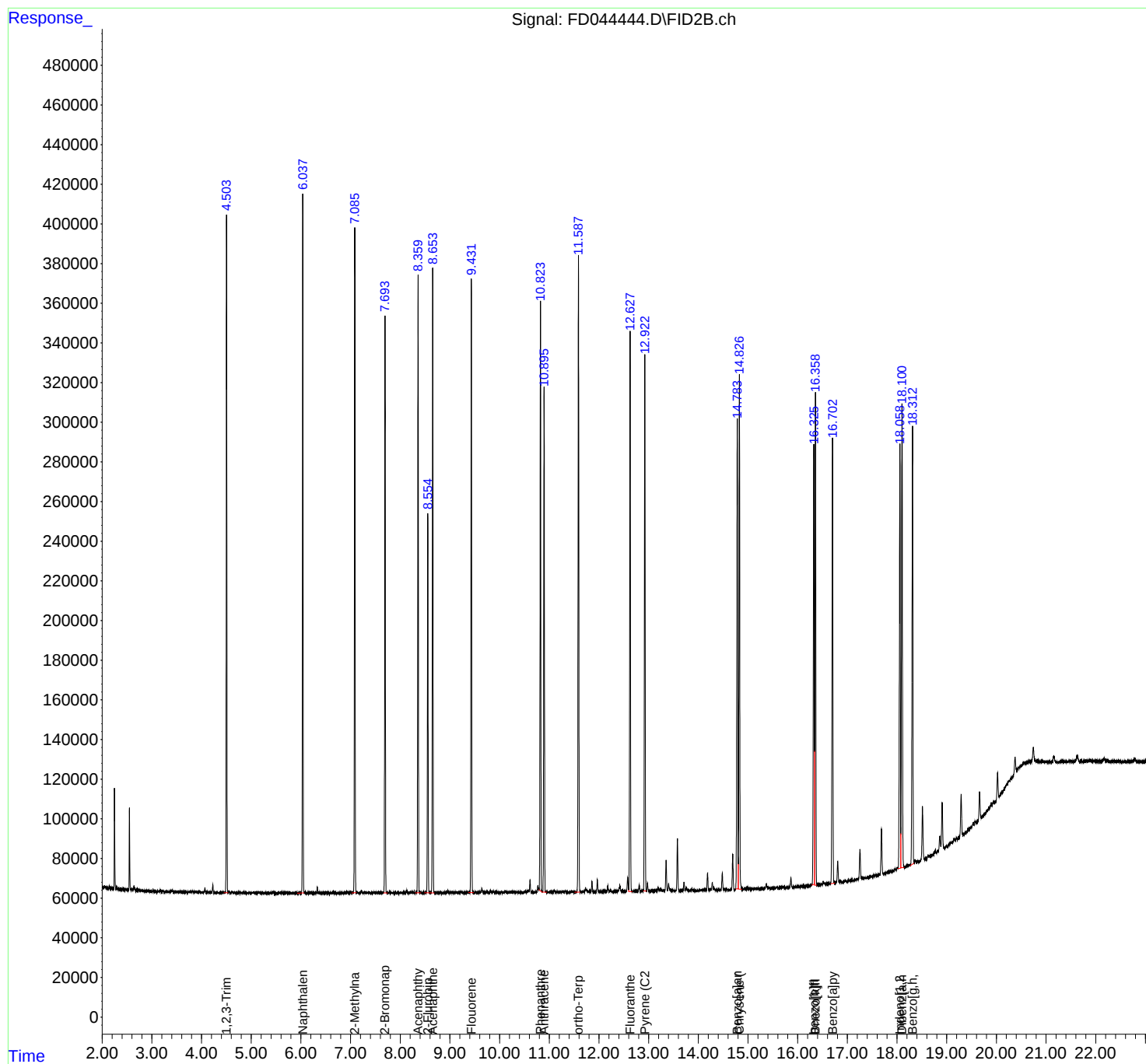
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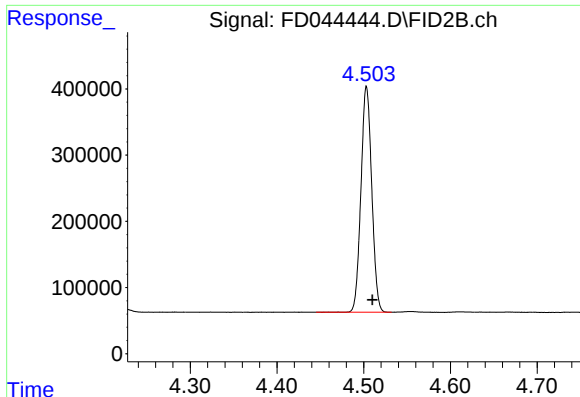
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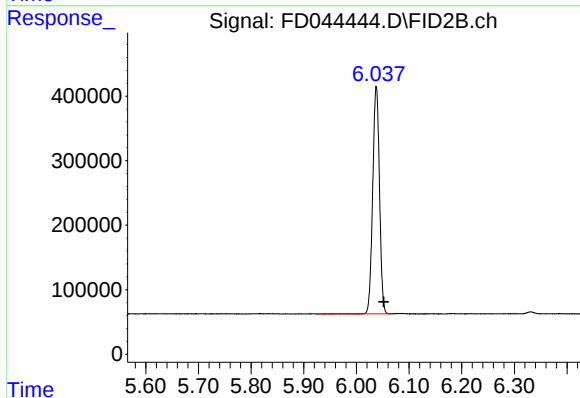
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.503 min
Delta R.T.: -0.007 min
Response: 2946292
Conc: 20.21 ug/ml

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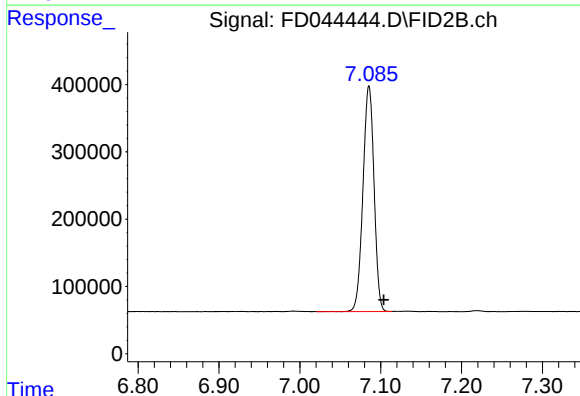
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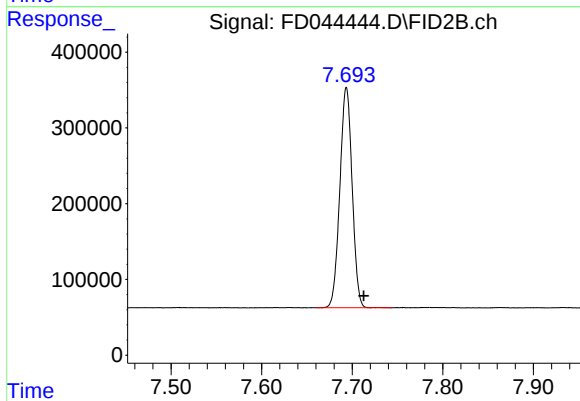
#2 Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.014 min
Response: 3142960
Conc: 20.19 ug/ml



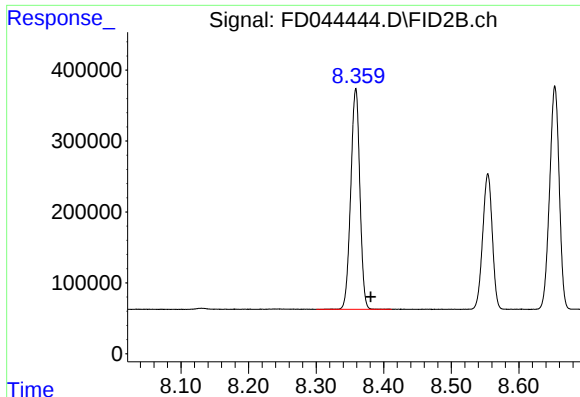
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.018 min
Response: 3186541
Conc: 20.17 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.694 min
Delta R.T.: -0.019 min
Response: 2744527
Conc: 20.28 ug/ml



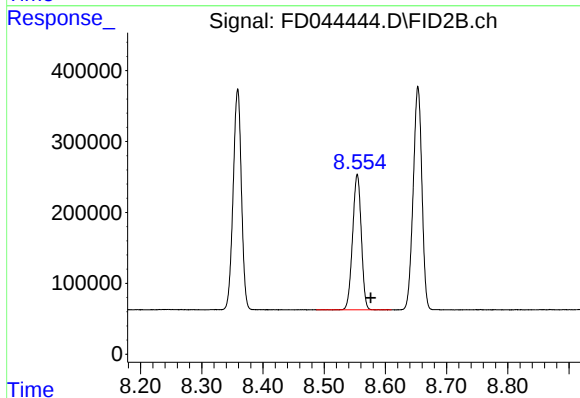
#5 Acenaphthylene (C15.06)

R.T.: 8.359 min
Delta R.T.: -0.022 min
Response: 2917552
Conc: 19.35 ug/ml

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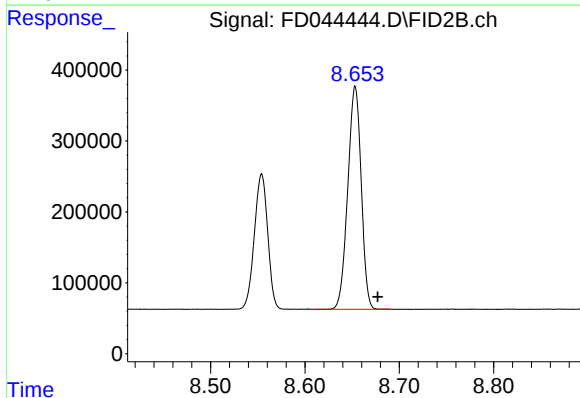
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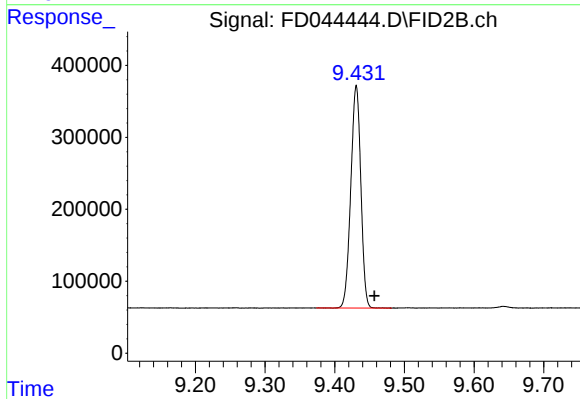
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: -0.022 min
Response: 1882745
Conc: 20.08 ug/ml



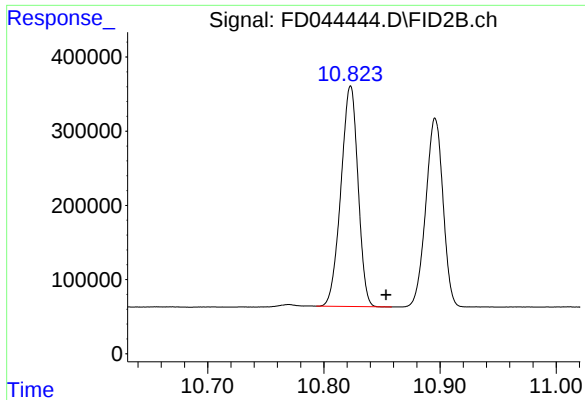
#7 Acenaphthene (C15.5)

R.T.: 8.653 min
Delta R.T.: -0.024 min
Response: 3116708
Conc: 20.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.026 min
Response: 3092290
Conc: 20.11 ug/ml



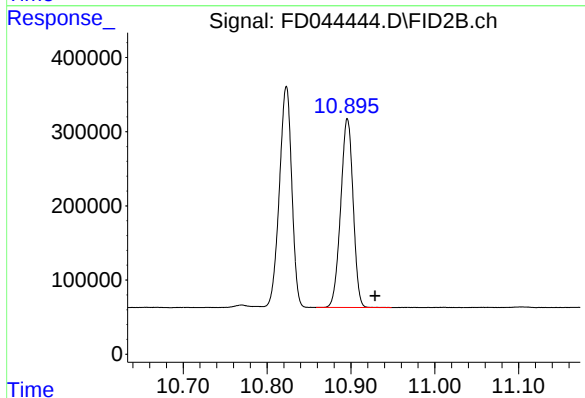
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: -0.031 min
Response: 3038675
Conc: 20.21 ug/ml

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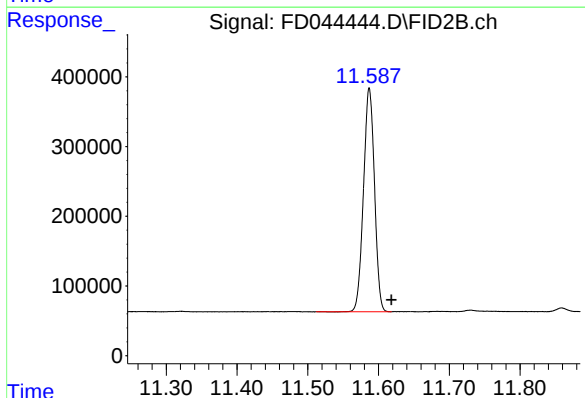
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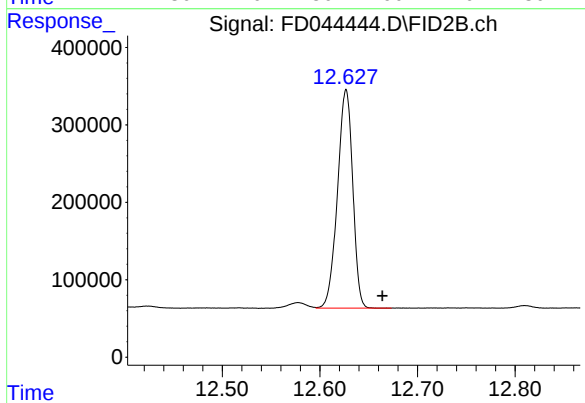
#10 Anthracene (C19.43)

R.T.: 10.896 min
Delta R.T.: -0.033 min
Response: 2624774
Conc: 17.91 ug/ml



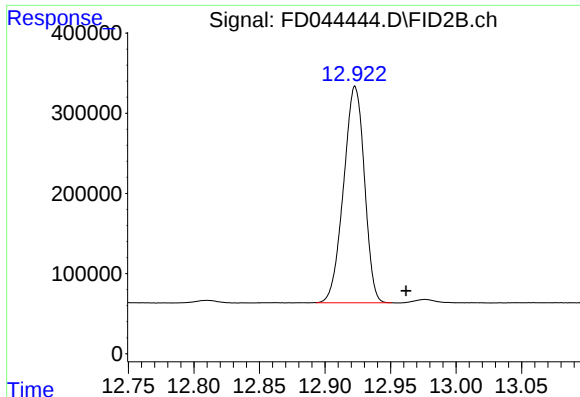
#11 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: -0.031 min
Response: 3459398
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.627 min
Delta R.T.: -0.037 min
Response: 3062563
Conc: 20.15 ug/ml



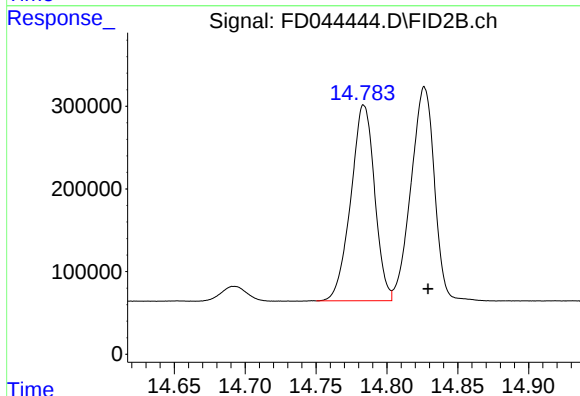
#13 Pyrene (C20.8)

R.T.: 12.922 min
 Delta R.T.: -0.039 min
 Response: 2988855
 Conc: 20.11 ug/ml

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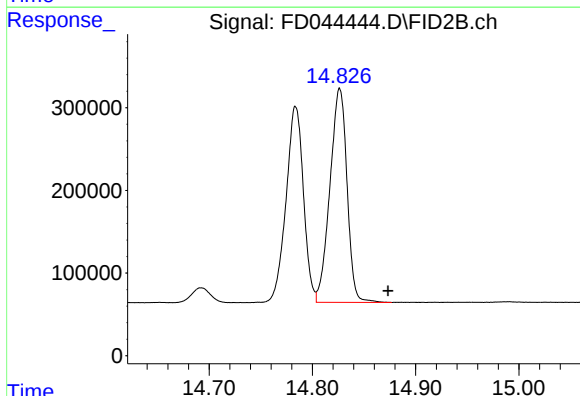
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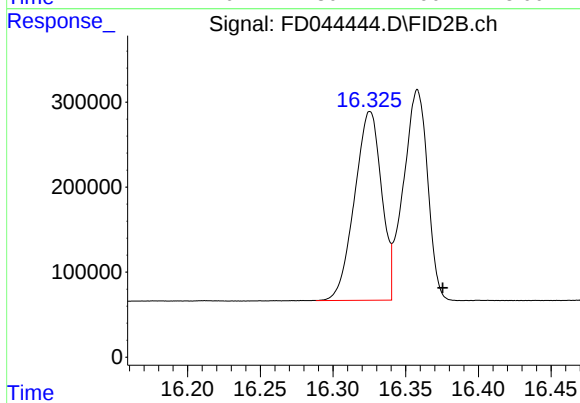
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
 Delta R.T.: -0.046 min
 Response: 2772319
 Conc: 19.81 ug/ml m



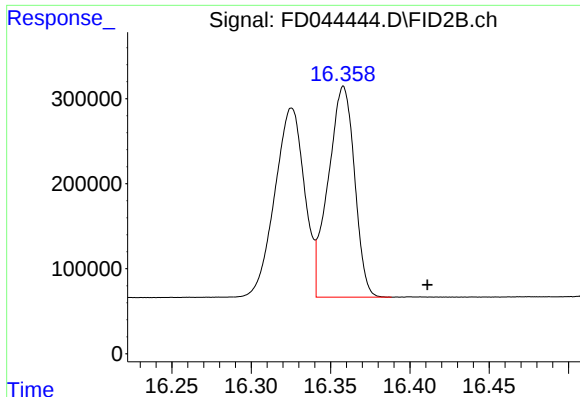
#15 Chrysene (C27.41)

R.T.: 14.826 min
 Delta R.T.: -0.047 min
 Response: 2979304
 Conc: 20.34 ug/ml



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

R.T.: 16.325 min
 Delta R.T.: -0.050 min
 Response: 2874384
 Conc: 19.99 ug/ml m



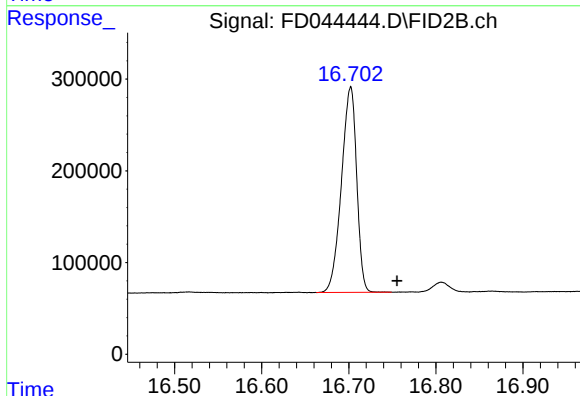
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.358 min
Delta R.T.: -0.053 min
Response: 2866181
Conc: 20.16 ug/ml

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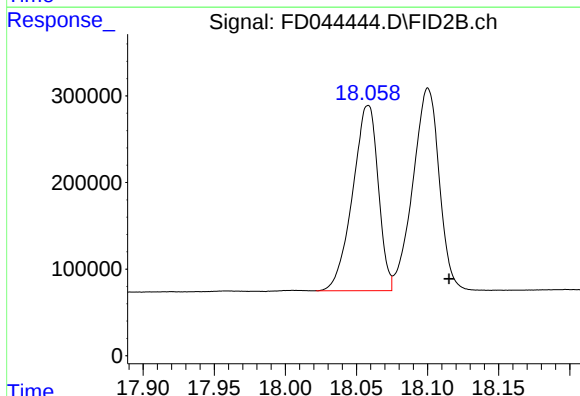
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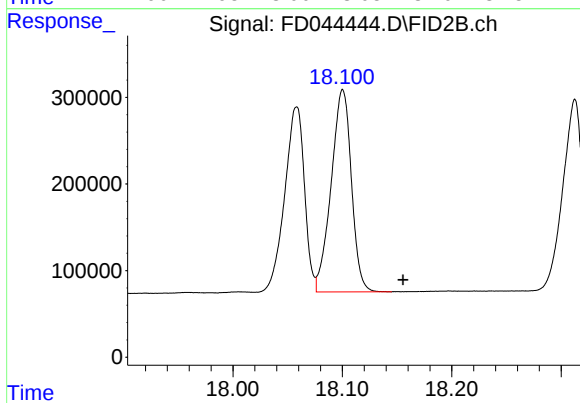
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: -0.054 min
Response: 2725431
Conc: 19.48 ug/ml m



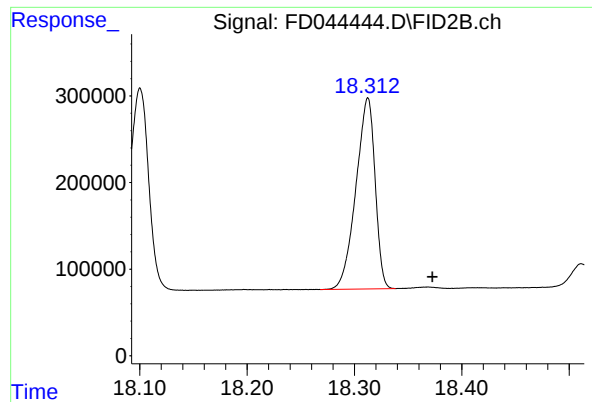
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: -0.057 min
Response: 2684348
Conc: 19.69 ug/ml m



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

R.T.: 18.100 min
Delta R.T.: -0.055 min
Response: 3007840
Conc: 22.33 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.060 min
Response: 2734117
Conc: 20.03 ug/ml

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