

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044488.D
 Signal(s) : FID2B.ch
 Acq On : 25 Nov 2022 11:58
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 01:18:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:00:35 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...	7.687	2885933	21.327 ug/ml
Spiked Amount 50.000		Recovery =	42.65%
6) S 2-Fluorobiphenyl (SURR)	8.547	1969053	20.997 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.99%
11) S ortho-Terphenyl (SURR)	11.581	3636016	21.192 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.499	3157081	21.659 ug/ml
2) T Naphthalene (C11.7)	6.032	3337485	21.436 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	3368038	21.318 ug/ml
5) T Acenaphthylene (C15.06)	8.351	3087137	20.472 ug/ml
7) T Acenaphthene (C15.5)	8.646	3268134	21.121 ug/ml
8) T Flouorene (C16.55)	9.423	3234750	21.033 ug/ml
9) T Phenanthrene (C19.36)	10.815	3170939	21.086 ug/ml
10) T Anthracene (C19.43)	10.888	3028322	20.669 ug/ml
12) T Fluoranthene (C21.85)	12.619	3209534	21.119 ug/ml
13) T Pyrene (C20.8)	12.915	3135956	21.096 ug/mlm
14) T Benzo[a]anthracene (C...	14.776	2910928	20.797 ug/mlm
15) T Chrysene (C27.41)	14.819	3015356	20.589 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2955791	20.552 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.352	2947338	20.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.695	2892669	20.676 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.052	2800702	20.540 ug/mlm
20) T Dibenz[a,h]anthracene...	18.093	2820979	20.943 ug/ml
21) T Benzo[g,h,i]perylene ...	18.305	2846124	20.849 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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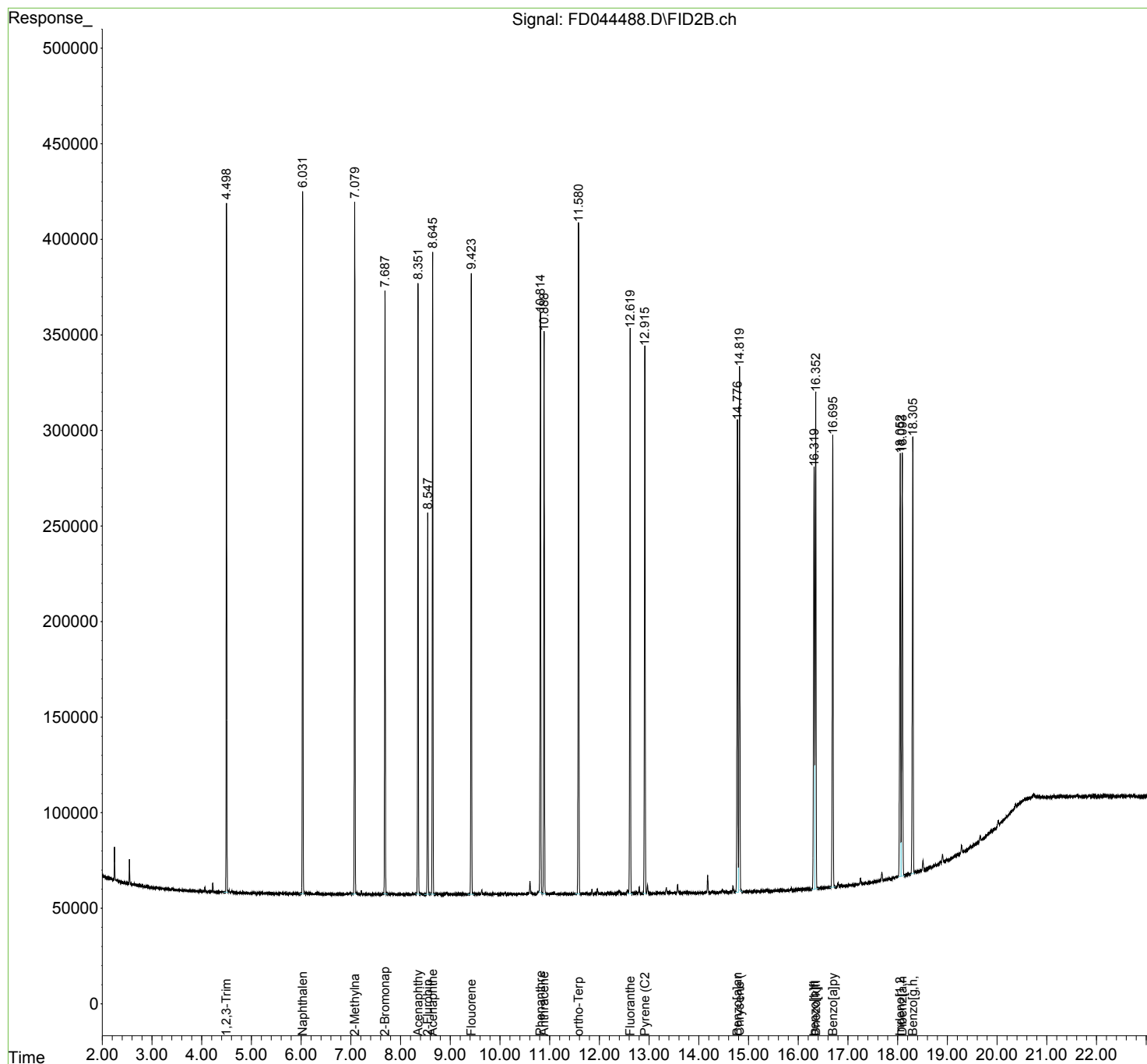
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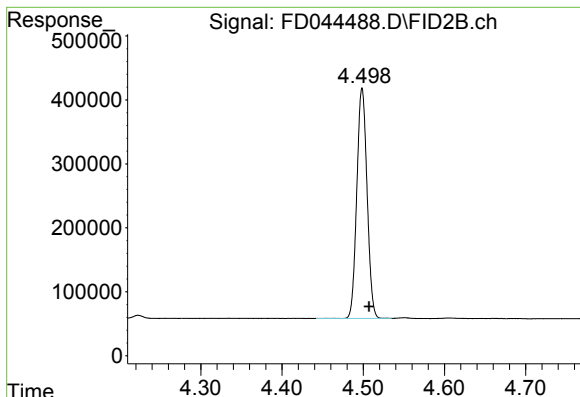
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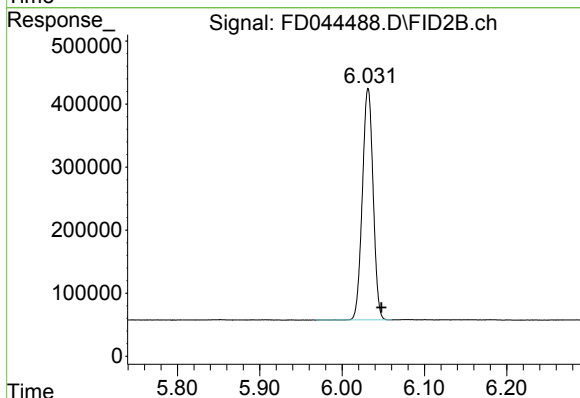
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.499 min
Delta R.T.: -0.008 min
Response: 3157081
Conc: 21.66 ug/ml

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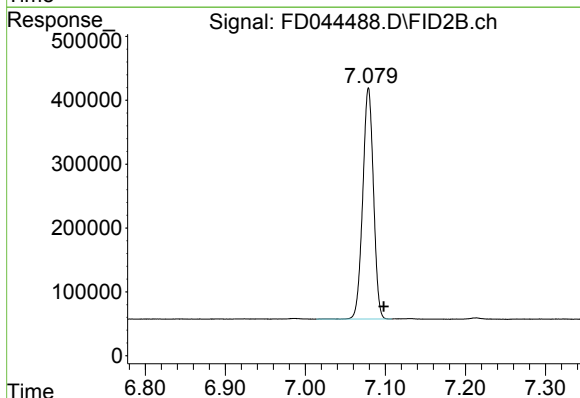
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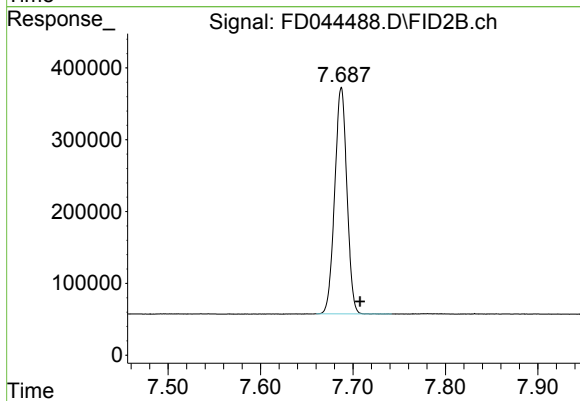
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 3337485
Conc: 21.44 ug/ml



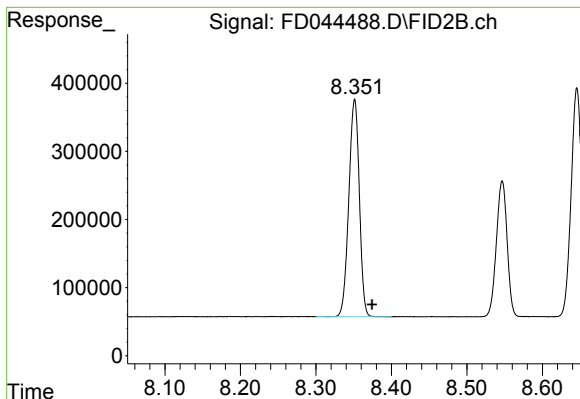
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 3368038
Conc: 21.32 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.687 min
Delta R.T.: -0.020 min
Response: 2885933
Conc: 21.33 ug/ml



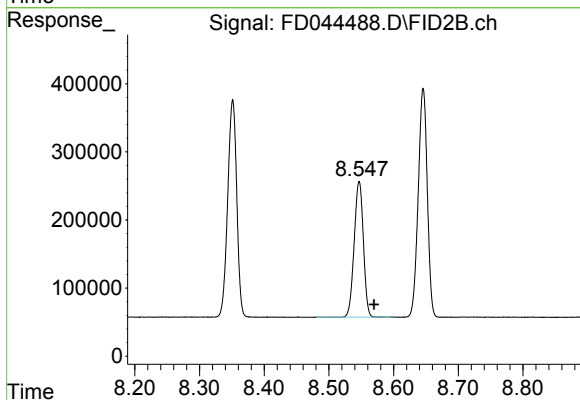
#5 Acenaphthylene (C15.06)

R.T.: 8.351 min
Delta R.T.: -0.023 min
Response: 3087137
Conc: 20.47 ug/ml

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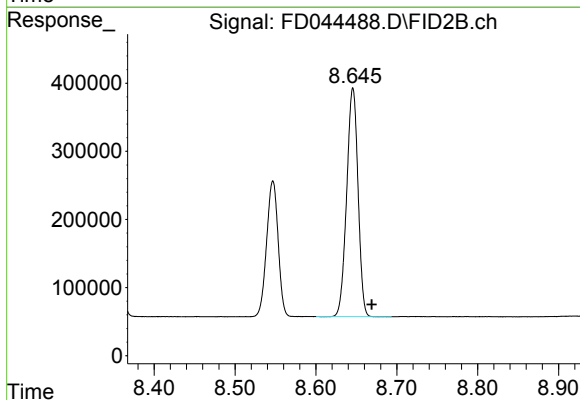
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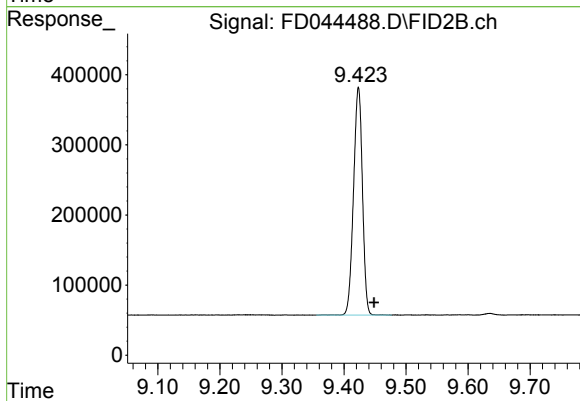
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.547 min
Delta R.T.: -0.023 min
Response: 1969053
Conc: 21.00 ug/ml



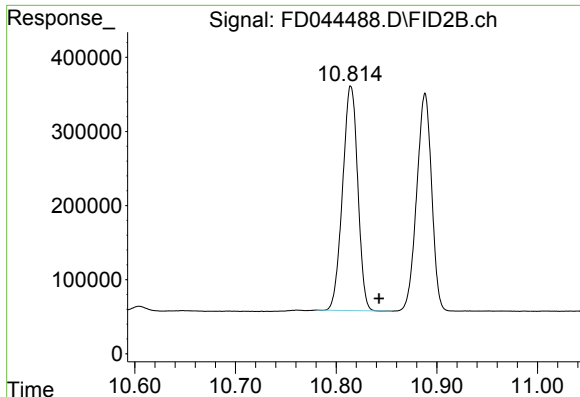
#7 Acenaphthene (C15.5)

R.T.: 8.646 min
Delta R.T.: -0.023 min
Response: 3268134
Conc: 21.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.423 min
Delta R.T.: -0.026 min
Response: 3234750
Conc: 21.03 ug/ml



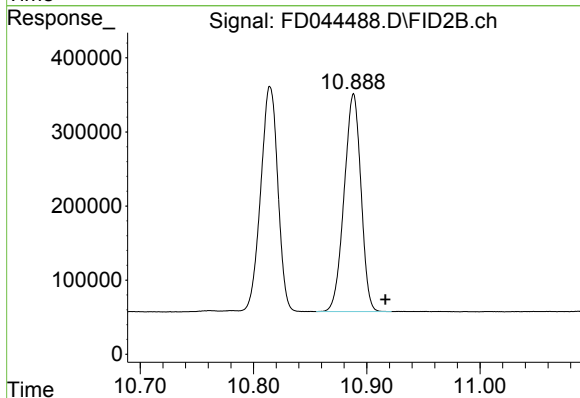
#9 Phenanthrene (C19.36)

R.T.: 10.815 min
Delta R.T.: -0.028 min
Response: 3170939
Conc: 21.09 ug/ml

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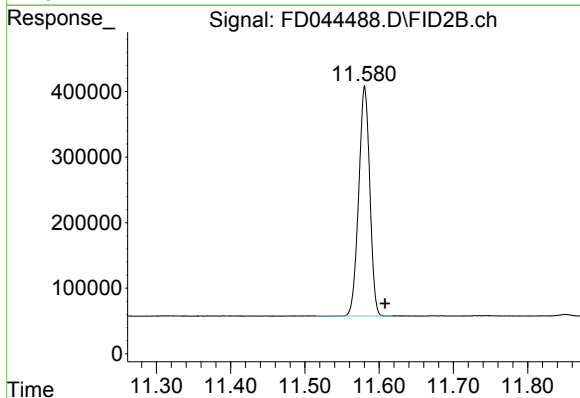
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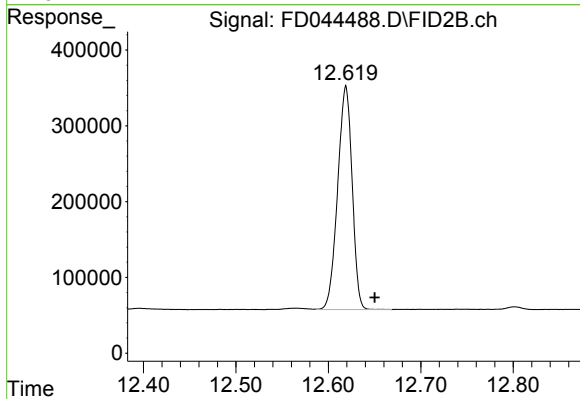
#10 Anthracene (C19.43)

R.T.: 10.888 min
Delta R.T.: -0.028 min
Response: 3028322
Conc: 20.67 ug/ml



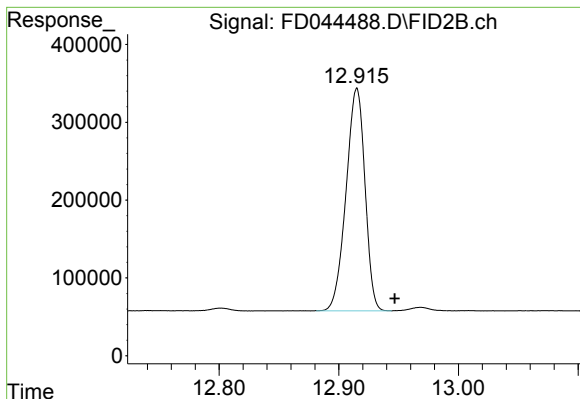
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.028 min
Response: 3636016
Conc: 21.19 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: -0.032 min
Response: 3209534
Conc: 21.12 ug/ml



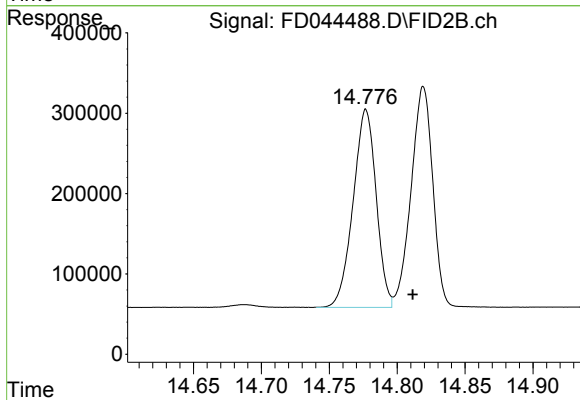
#13 Pyrene (C20.8)

R.T.: 12.915 min
Delta R.T.: -0.032 min
Response: 3135956
Conc: 21.10 ug/ml

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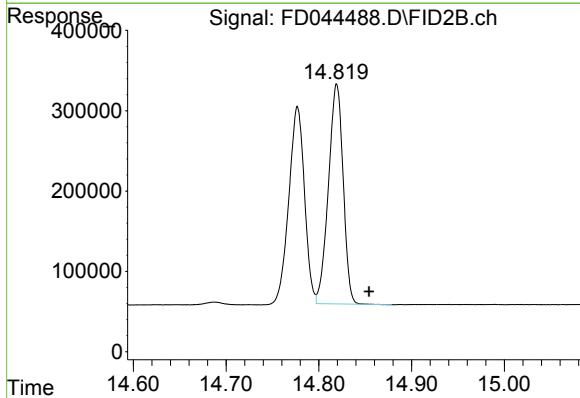
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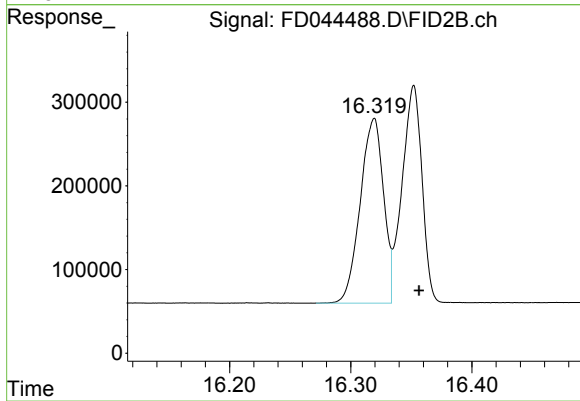
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.776 min
Delta R.T.: -0.035 min
Response: 2910928
Conc: 20.80 ug/ml m



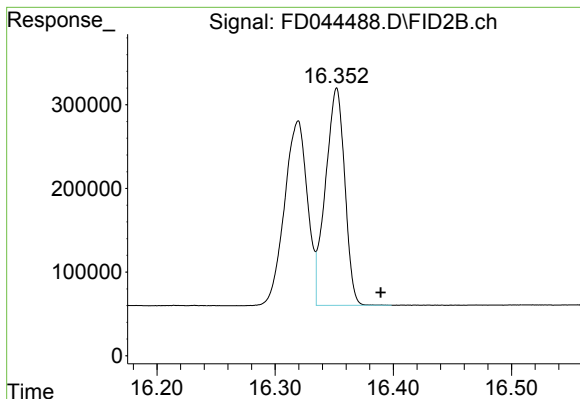
#15 Chrysene (C27.41)

R.T.: 14.819 min
Delta R.T.: -0.035 min
Response: 3015356
Conc: 20.59 ug/ml



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

R.T.: 16.319 min
Delta R.T.: -0.037 min
Response: 2955791
Conc: 20.55 ug/ml m



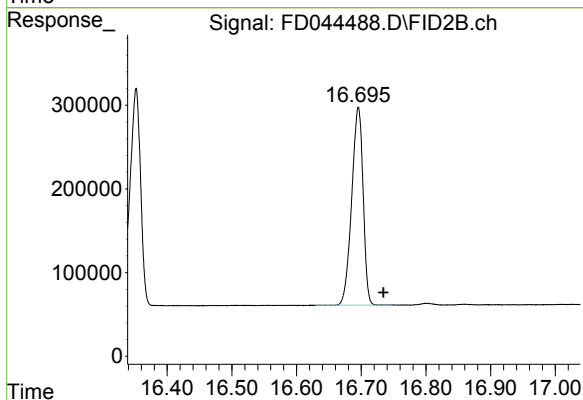
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: -0.037 min
Response: 2947338
Conc: 20.73 ug/ml

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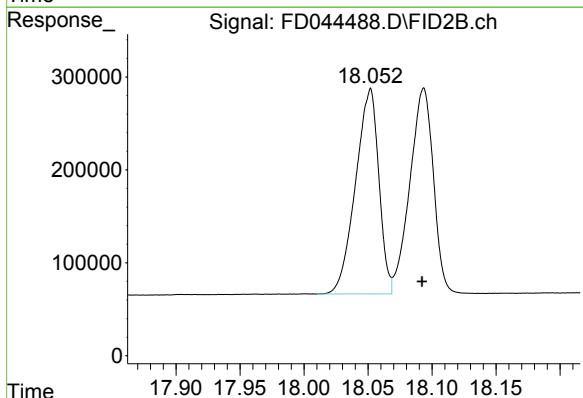
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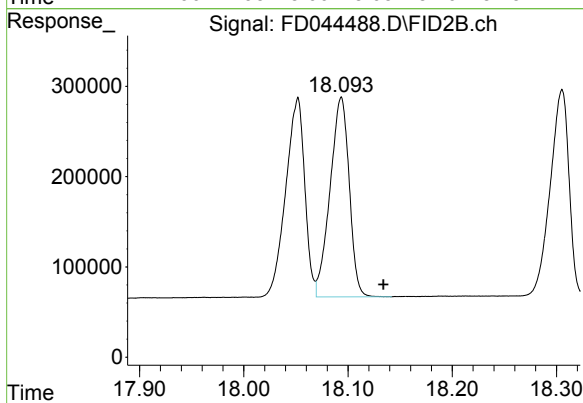
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: -0.039 min
Response: 2892669
Conc: 20.68 ug/ml



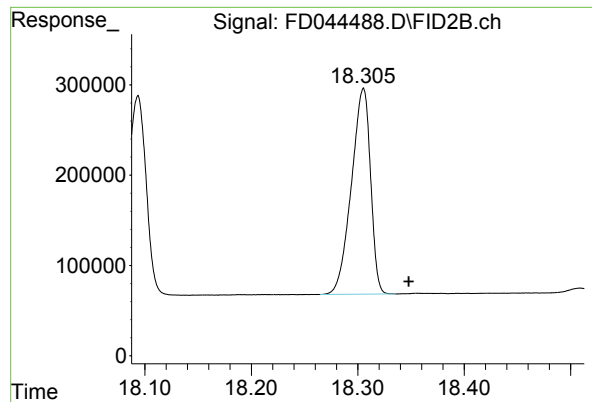
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.052 min
Delta R.T.: -0.040 min
Response: 2800702
Conc: 20.54 ug/ml m



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

R.T.: 18.093 min
Delta R.T.: -0.041 min
Response: 2820979
Conc: 20.94 ug/ml



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

R.T.: 18.305 min
Delta R.T.: -0.043 min
Response: 2846124
Conc: 20.85 ug/ml

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