

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112522AR\
 Data File : FD044518.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2022 15:17
 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 11/28/2022
 Supervised By :Ankita Jodhani 11/28/2022

Integration File: autoint1.e
 Quant Time: Nov 28 01:22:59 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...	7.686	2835067	20.951 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
6) S 2-Fluorobiphenyl (SURR)	8.544	1934405	20.627 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.25%
11) S ortho-Terphenyl (SURR)	11.574	3574803	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3113887	21.363 ug/ml
2) T Naphthalene (C11.7)	6.032	3295649	21.167 ug/ml
3) T 2-Methylnaphthalene (...)	7.078	3297151	20.870 ug/ml
5) T Acenaphthylene (C15.06)	8.349	3015297	19.996 ug/ml
7) T Acenaphthene (C15.5)	8.643	3207551	20.729 ug/ml
8) T Flouorene (C16.55)	9.420	3181214	20.685 ug/ml
9) T Phenanthrene (C19.36)	10.810	3120319	20.750 ug/ml
10) T Anthracene (C19.43)	10.883	2783739	19.000 ug/ml
12) T Fluoranthene (C21.85)	12.612	3147155	20.709 ug/ml
13) T Pyrene (C20.8)	12.907	3062280	20.600 ug/mlm
14) T Benzo[a]anthracene (C...	14.770	2826876	20.196 ug/mlm
15) T Chrysene (C27.41)	14.811	3040276	20.759 ug/mlm
16) T benzo[b]fluoranthene ...	16.311	2906452	20.209 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.344	2901394	20.406 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	2797494	19.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	2799560	20.532 ug/mlm
20) T Dibenz[a,h]anthracene...	18.086	2928691	21.742 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.297	2813623	20.611 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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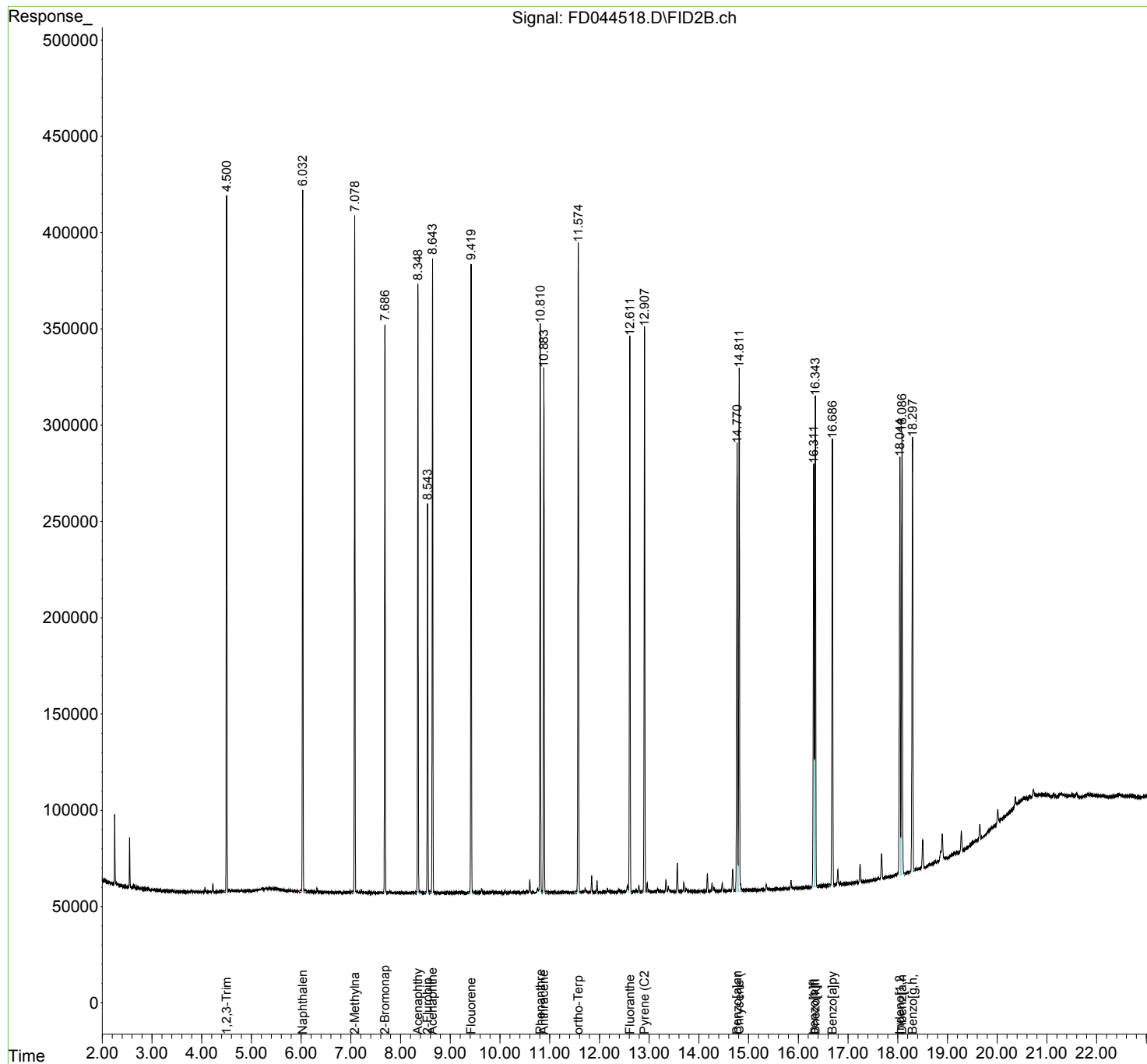
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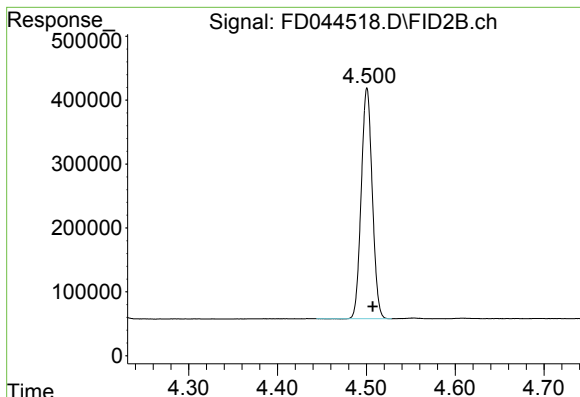
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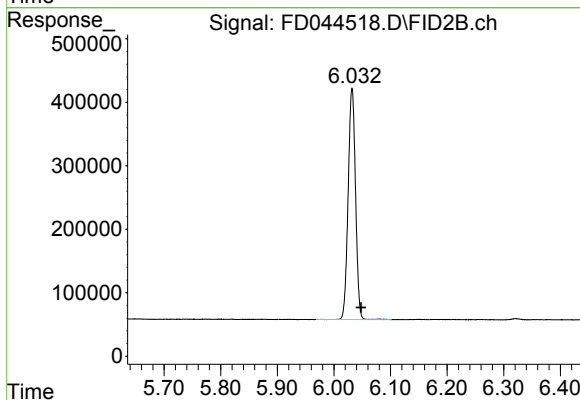
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 3113887
Conc: 21.36 ug/ml

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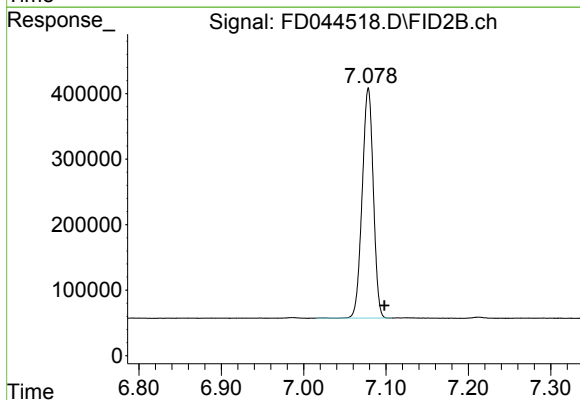
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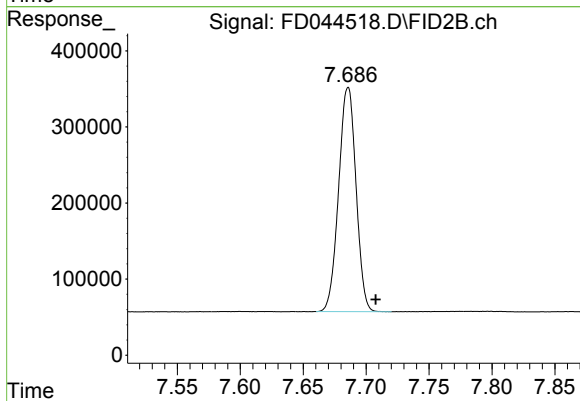
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.016 min
Response: 3295649
Conc: 21.17 ug/ml



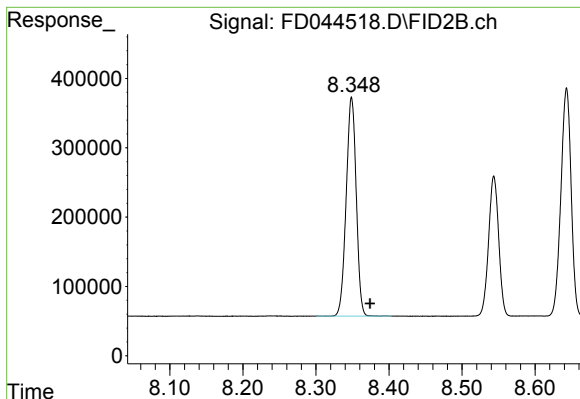
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.019 min
Response: 3297151
Conc: 20.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.022 min
Response: 2835067
Conc: 20.95 ug/ml



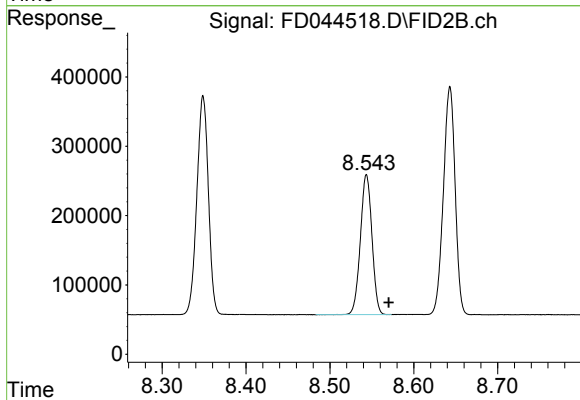
#5 Acenaphthylene (C15.06)

R.T.: 8.349 min
Delta R.T.: -0.025 min
Response: 3015297
Conc: 20.00 ug/ml

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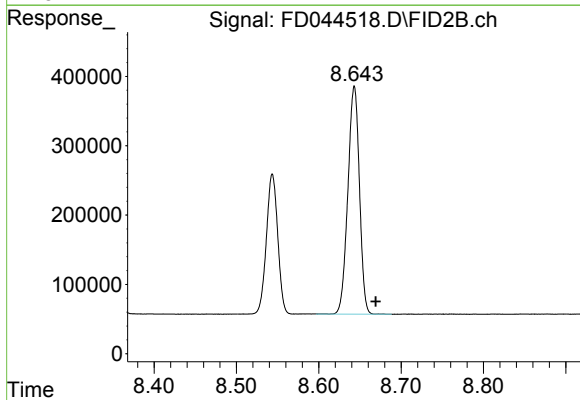
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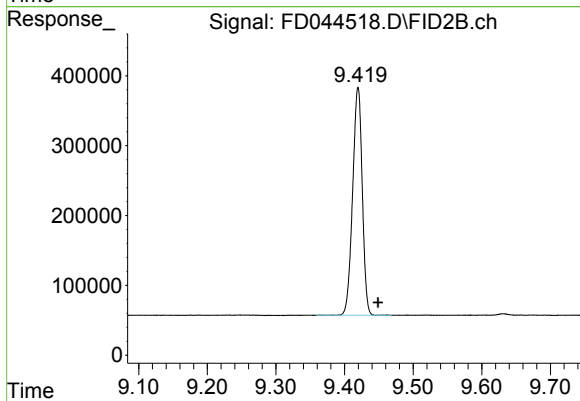
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.544 min
Delta R.T.: -0.026 min
Response: 1934405
Conc: 20.63 ug/ml



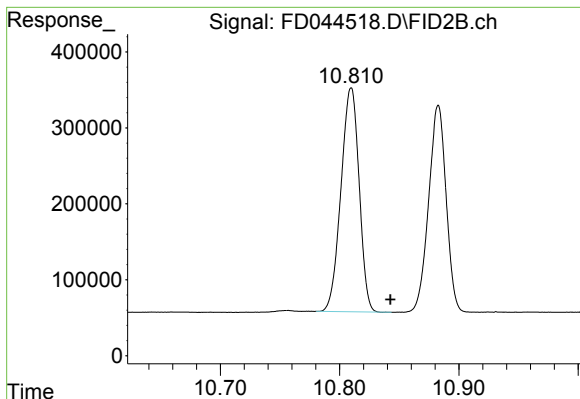
#7 Acenaphthene (C15.5)

R.T.: 8.643 min
Delta R.T.: -0.026 min
Response: 3207551
Conc: 20.73 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.420 min
Delta R.T.: -0.029 min
Response: 3181214
Conc: 20.69 ug/ml



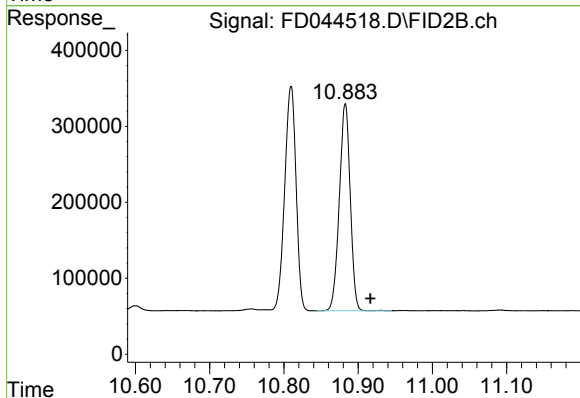
#9 Phenanthrene (C19.36)

R.T.: 10.810 min
Delta R.T.: -0.033 min
Response: 3120319
Conc: 20.75 ug/ml

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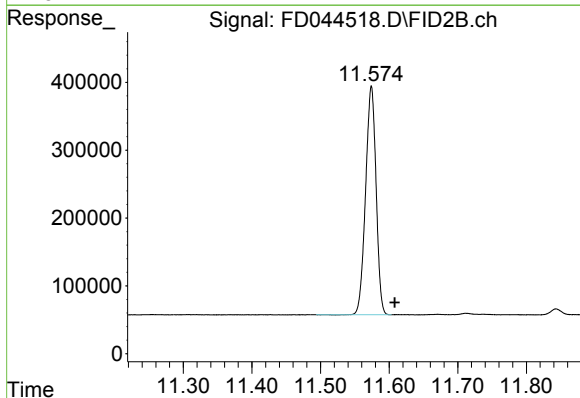
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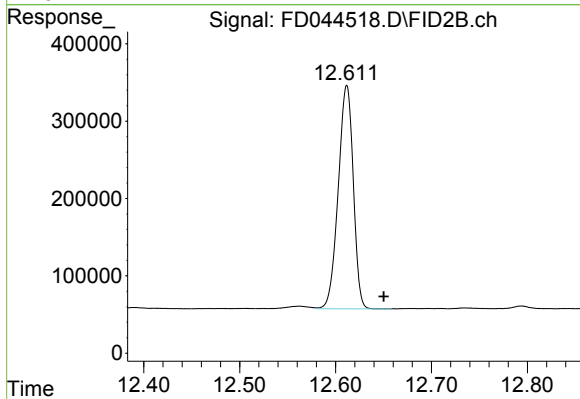
#10 Anthracene (C19.43)

R.T.: 10.883 min
Delta R.T.: -0.034 min
Response: 2783739
Conc: 19.00 ug/ml



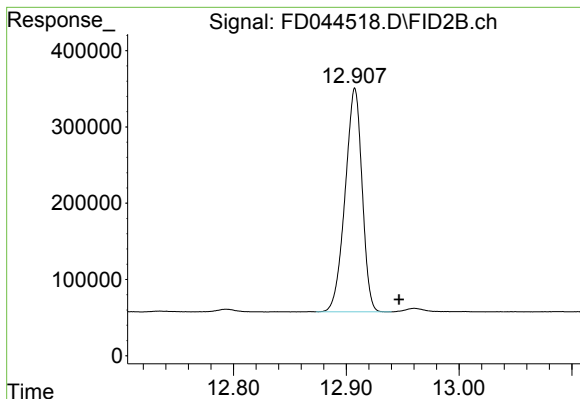
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.034 min
Response: 3574803
Conc: 20.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.612 min
Delta R.T.: -0.039 min
Response: 3147155
Conc: 20.71 ug/ml



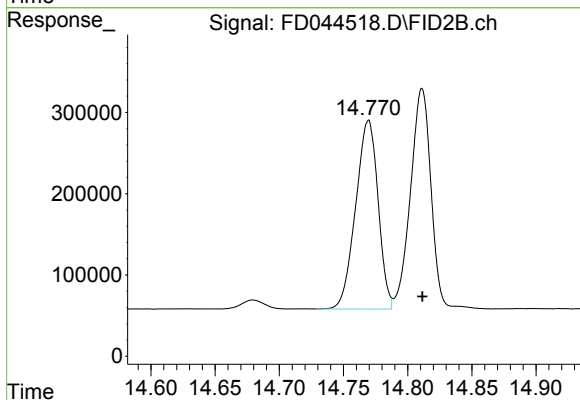
#13 Pyrene (C20.8)

R.T.: 12.907 min
Delta R.T.: -0.040 min
Response: 3062280
Conc: 20.60 ug/ml

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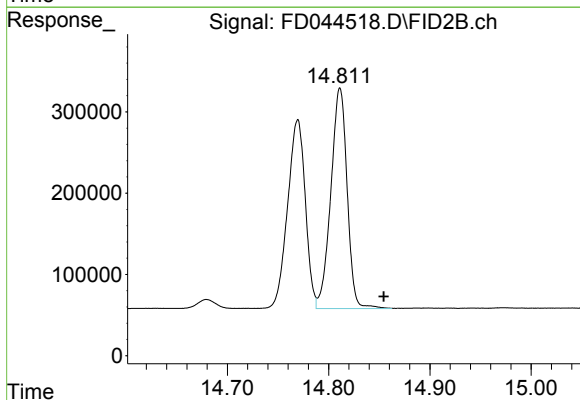
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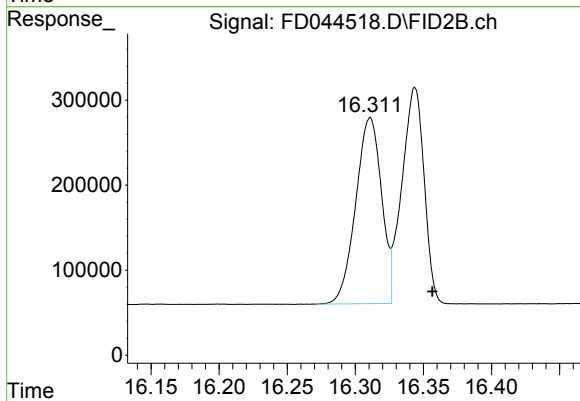
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.770 min
Delta R.T.: -0.042 min
Response: 2826876
Conc: 20.20 ug/ml m



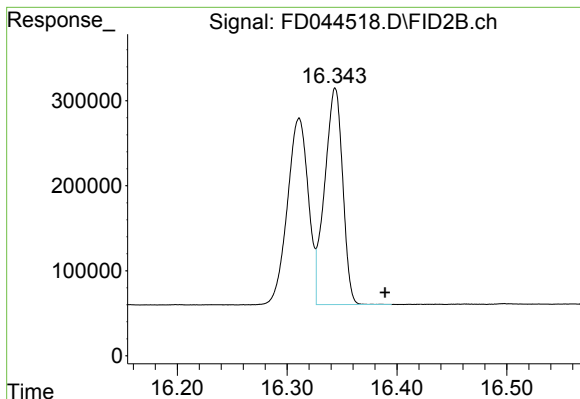
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: -0.044 min
Response: 3040276
Conc: 20.76 ug/ml m



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

R.T.: 16.311 min
Delta R.T.: -0.046 min
Response: 2906452
Conc: 20.21 ug/ml m



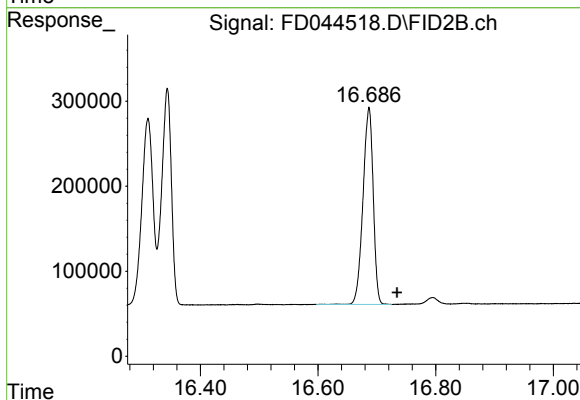
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: -0.046 min
Response: 2901394
Conc: 20.41 ug/ml

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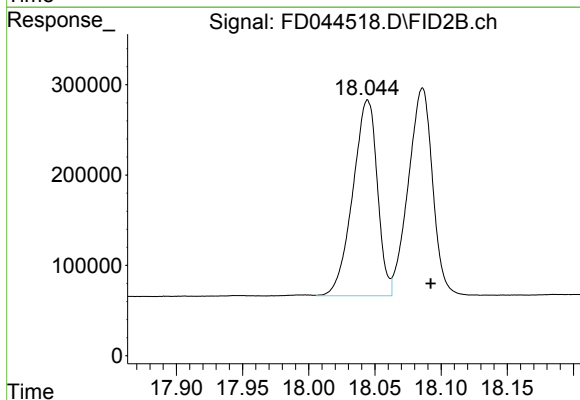
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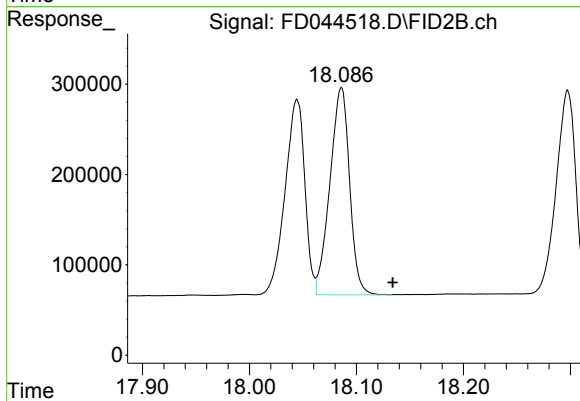
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: -0.048 min
Response: 2797494
Conc: 20.00 ug/ml



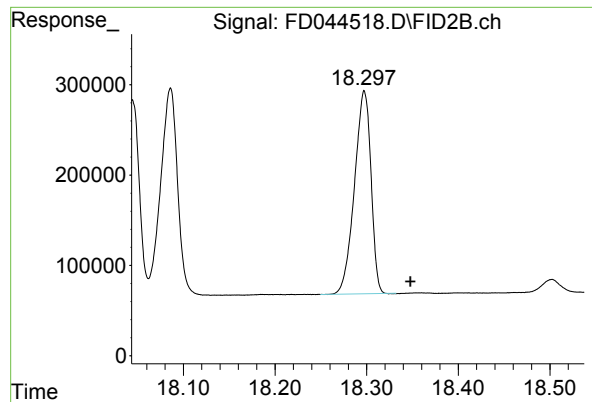
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.048 min
Response: 2799560
Conc: 20.53 ug/ml m



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

R.T.: 18.086 min
Delta R.T.: -0.048 min
Response: 2928691
Conc: 21.74 ug/ml m



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

R.T.: 18.297 min
Delta R.T.: -0.051 min
Response: 2813623
Conc: 20.61 ug/ml

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