

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111722AR\
 Data File : FD044447.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2022 07:30
 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 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 03:12:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 08:21:34 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...	7.691	2909214	21.499 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
6) S 2-Fluorobiphenyl (SURR)	8.552	1992517	21.247 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.49%
11) S ortho-Terphenyl (SURR)	11.586	3671284	21.398 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3120158	21.406 ug/ml
2) T Naphthalene (C11.7)	6.035	3337240	21.434 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	3390112	21.458 ug/ml
5) T Acenaphthylene (C15.06)	8.356	3064971	20.325 ug/ml
7) T Acenaphthene (C15.5)	8.651	3300164	21.328 ug/ml
8) T Flouorene (C16.55)	9.429	3273171	21.283 ug/ml
9) T Phenanthrene (C19.36)	10.821	3217508	21.396 ug/ml
10) T Anthracene (C19.43)	10.894	2645417	18.056 ug/ml
12) T Fluoranthene (C21.85)	12.626	3242895	21.339 ug/ml
13) T Pyrene (C20.8)	12.922	3176240	21.367 ug/ml
14) T Benzo[a]anthracene (C...	14.785	2934662	20.966 ug/mlm
15) T Chrysene (C27.41)	14.828	3153927	21.535 ug/ml
16) T benzo[b]fluoranthene ...	16.326	3078324	21.404 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.360	3046631	21.428 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.704	2835097	20.265 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.060	2866506	21.023 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	3249691	24.125 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	2895114	21.208 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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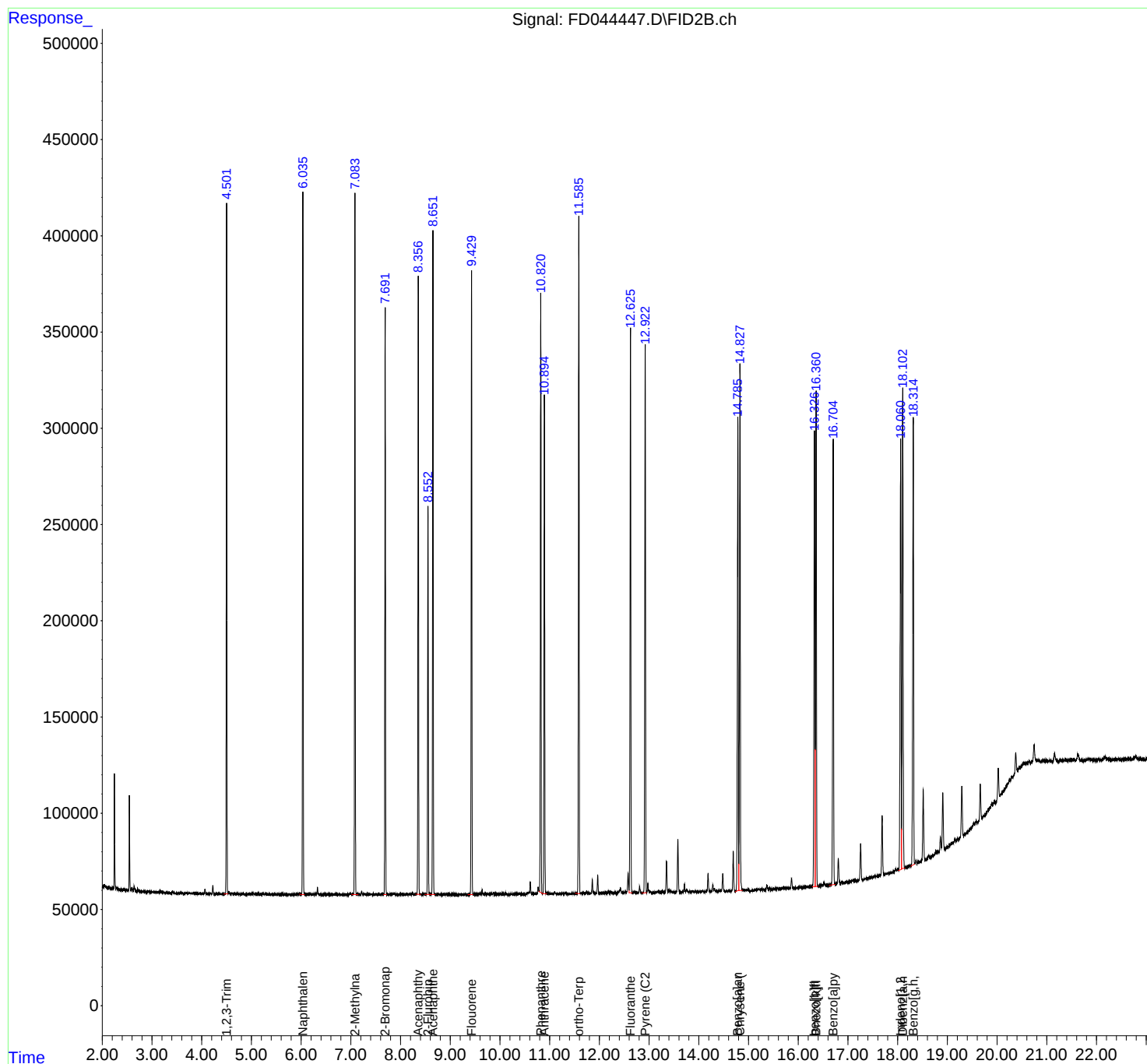
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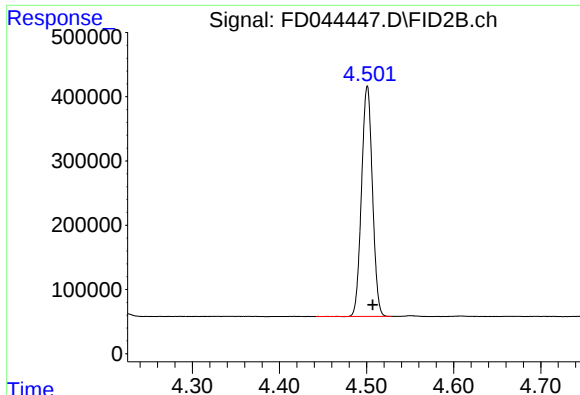
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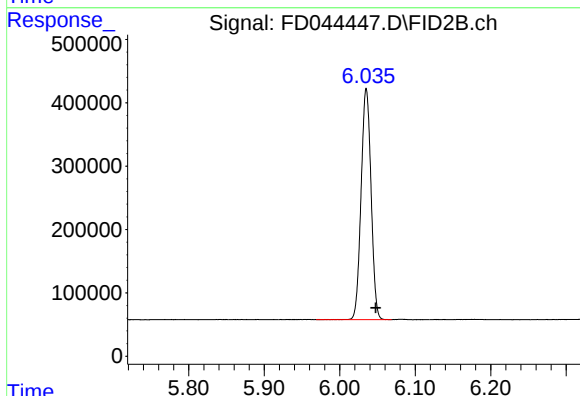
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 3120158
Conc: 21.41 ug/ml

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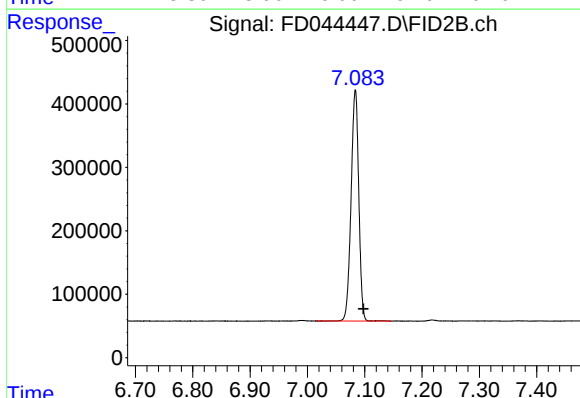
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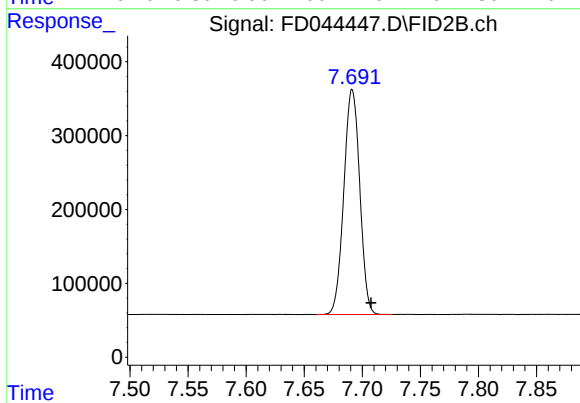
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.012 min
Response: 3337240
Conc: 21.43 ug/ml



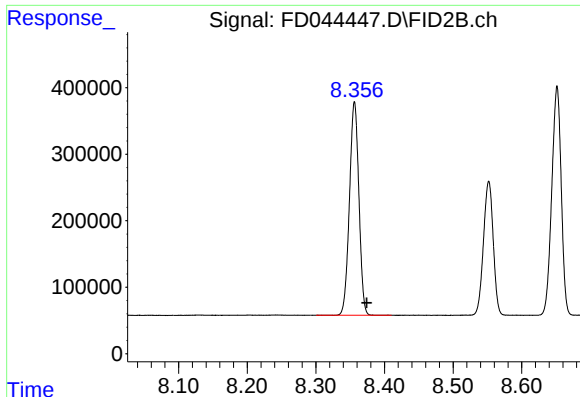
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.014 min
Response: 3390112
Conc: 21.46 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.691 min
Delta R.T.: -0.016 min
Response: 2909214
Conc: 21.50 ug/ml



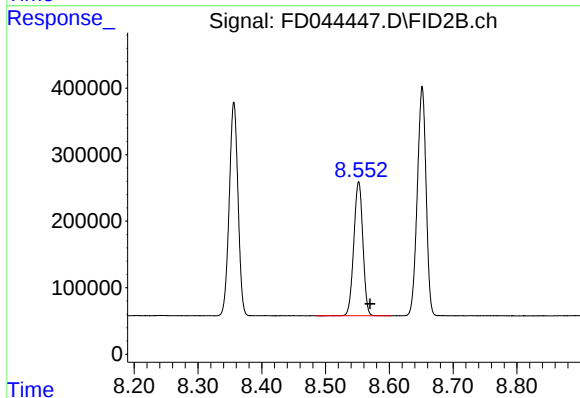
#5 Acenaphthylene (C15.06)

R.T.: 8.356 min
Delta R.T.: -0.018 min
Response: 3064971
Conc: 20.33 ug/ml

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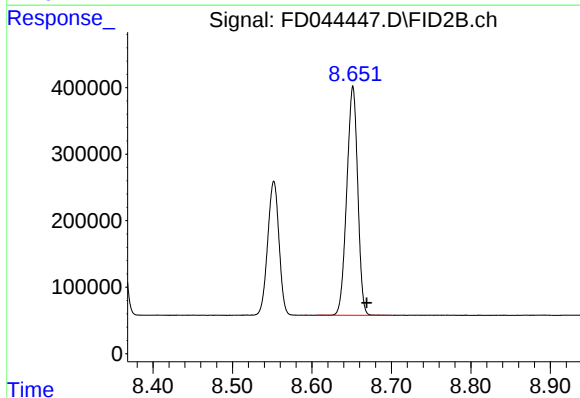
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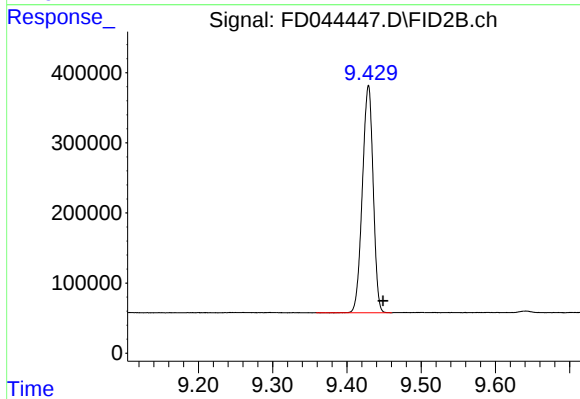
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.552 min
Delta R.T.: -0.018 min
Response: 1992517
Conc: 21.25 ug/ml



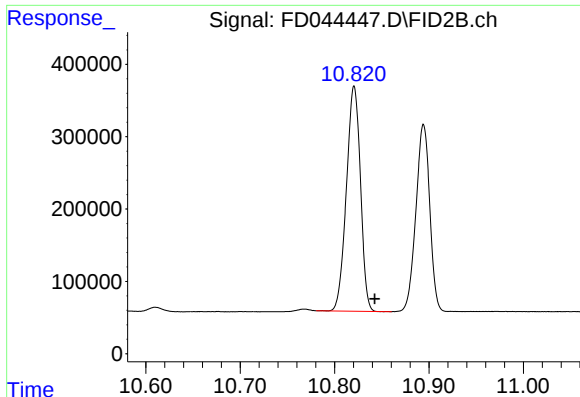
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: -0.018 min
Response: 3300164
Conc: 21.33 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.020 min
Response: 3273171
Conc: 21.28 ug/ml



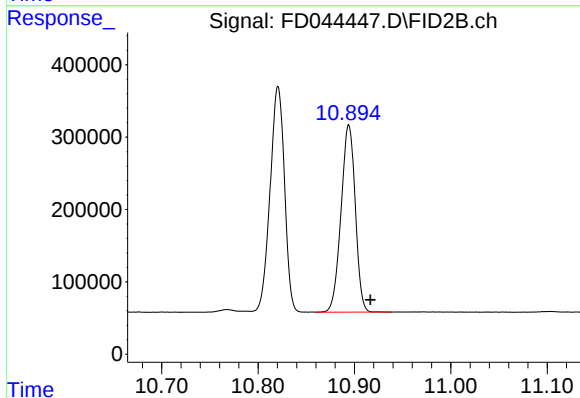
#9 Phenanthrene (C19.36)

R.T.: 10.821 min
Delta R.T.: -0.022 min
Response: 3217508
Conc: 21.40 ug/ml

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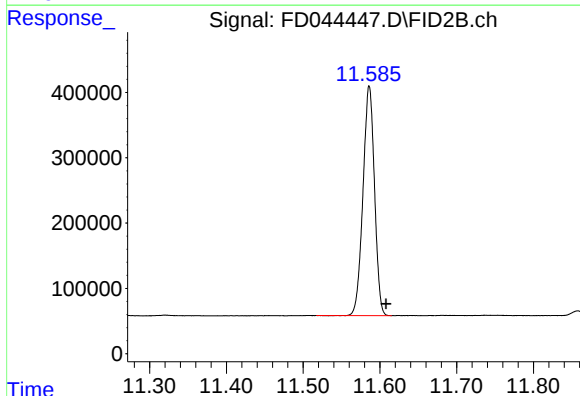
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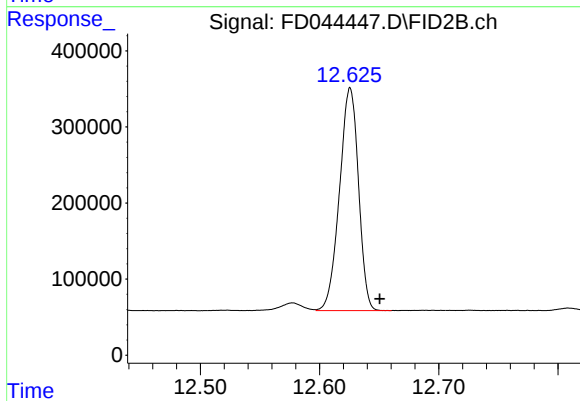
#10 Anthracene (C19.43)

R.T.: 10.894 min
Delta R.T.: -0.022 min
Response: 2645417
Conc: 18.06 ug/ml



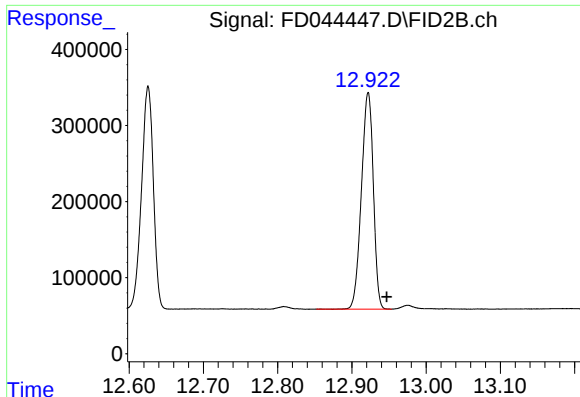
#11 ortho-Terphenyl (SURR)

R.T.: 11.586 min
Delta R.T.: -0.022 min
Response: 3671284
Conc: 21.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.626 min
Delta R.T.: -0.025 min
Response: 3242895
Conc: 21.34 ug/ml



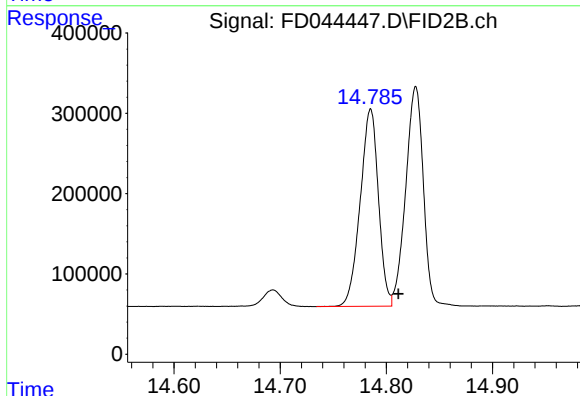
#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: -0.025 min
Response: 3176240
Conc: 21.37 ug/ml

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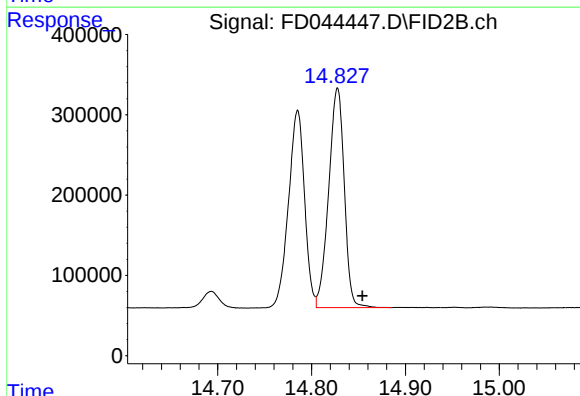
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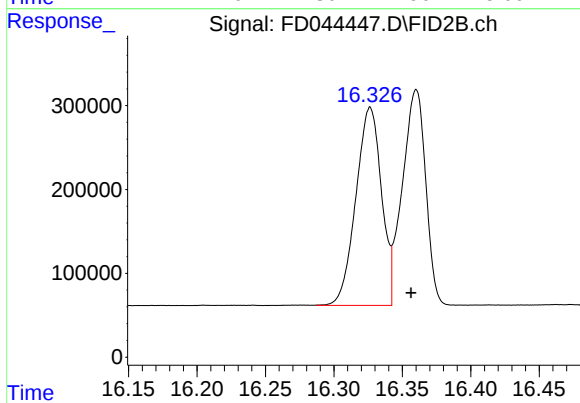
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.785 min
Delta R.T.: -0.027 min
Response: 2934662
Conc: 20.97 ug/ml m



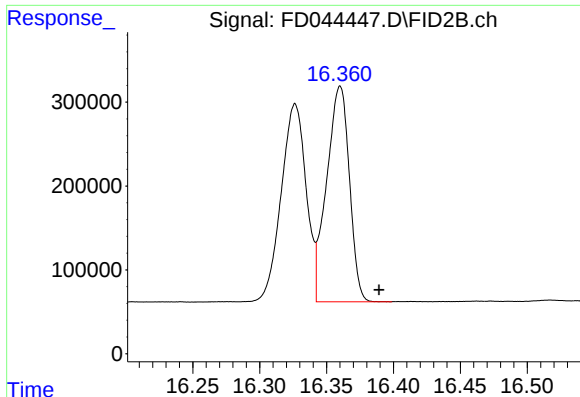
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: -0.027 min
Response: 3153927
Conc: 21.54 ug/ml



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

R.T.: 16.326 min
Delta R.T.: -0.030 min
Response: 3078324
Conc: 21.40 ug/ml m



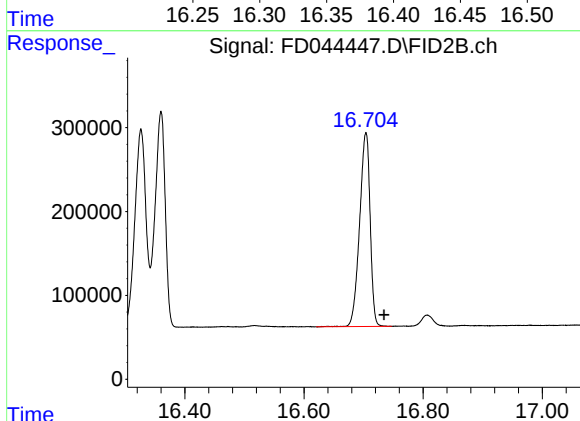
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.360 min
Delta R.T.: -0.029 min
Response: 3046631
Conc: 21.43 ug/ml

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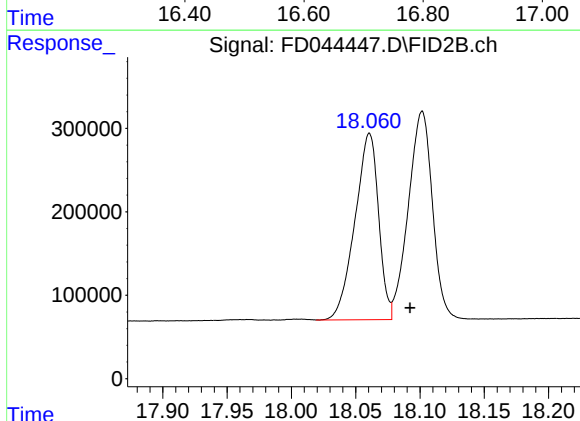
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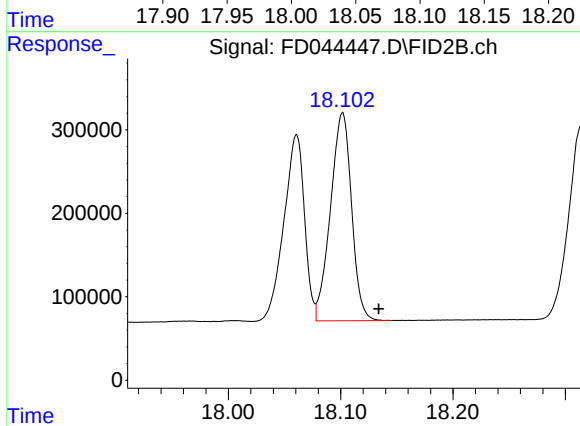
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.704 min
Delta R.T.: -0.031 min
Response: 2835097
Conc: 20.26 ug/ml



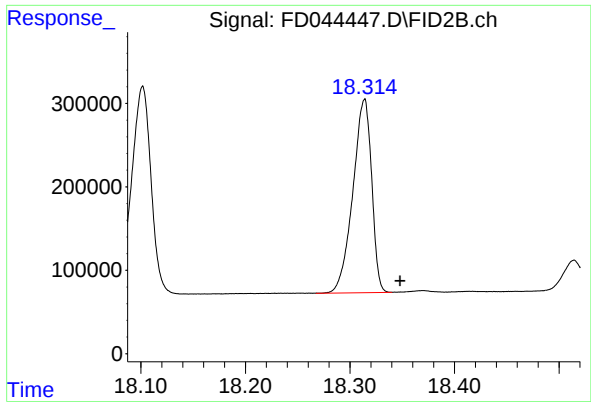
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.060 min
Delta R.T.: -0.032 min
Response: 2866506
Conc: 21.02 ug/ml m



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

R.T.: 18.101 min
Delta R.T.: -0.033 min
Response: 3249691
Conc: 24.13 ug/ml



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

R.T.: 18.314 min
Delta R.T.: -0.034 min
Response: 2895114
Conc: 21.21 ug/ml

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