

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111022AR\
 Data File : FD044425.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2022 00:59
 Operator : YP/AJ
 Sample : N5360-22MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20221114-COMP-13MS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Nov 11 03:03:59 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...	7.698	4989838	36.875 ug/mlm
Spiked Amount 50.000		Recovery =	73.75%
6) S 2-Fluorobiphenyl (SURR)	8.559	3439918	36.681 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.36%
11) S ortho-Terphenyl (SURR)	11.594	3477350	20.268 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	4385883	30.090 ug/ml
2) T Naphthalene (C11.7)	6.041	5093550	32.714 ug/ml
3) T 2-Methylnaphthalene (...)	7.090	5182411	32.803 ug/ml
5) T Acenaphthylene (C15.06)	8.364	5169257	34.280 ug/ml
7) T Acenaphthene (C15.5)	8.659	5546049	35.842 ug/ml
8) T Flouorene (C16.55)	9.437	5591884	36.360 ug/ml
9) T Phenanthrene (C19.36)	10.832	5666367	37.681 ug/mlm
10) T Anthracene (C19.43)	10.905	5667815	38.684 ug/mlm
12) T Fluoranthene (C21.85)	12.637	5565151	36.620 ug/ml
13) T Pyrene (C20.8)	12.933	5559770	37.401 ug/ml
14) T Benzo[a]anthracene (C...	14.798	5378560	38.426 ug/mlm
15) T Chrysene (C27.41)	14.841	5860296	40.015 ug/mlm
16) T benzo[b]fluoranthene ...	16.340	5324223	37.021 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.375	4964974	34.920 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	4728394	33.797 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	5107206	37.456 ug/mlm
20) T Dibenz[a,h]anthracene...	18.115	4827750	35.841 ug/ml
21) T Benzo[g,h,i]perylene ...	18.330	4959167	36.328 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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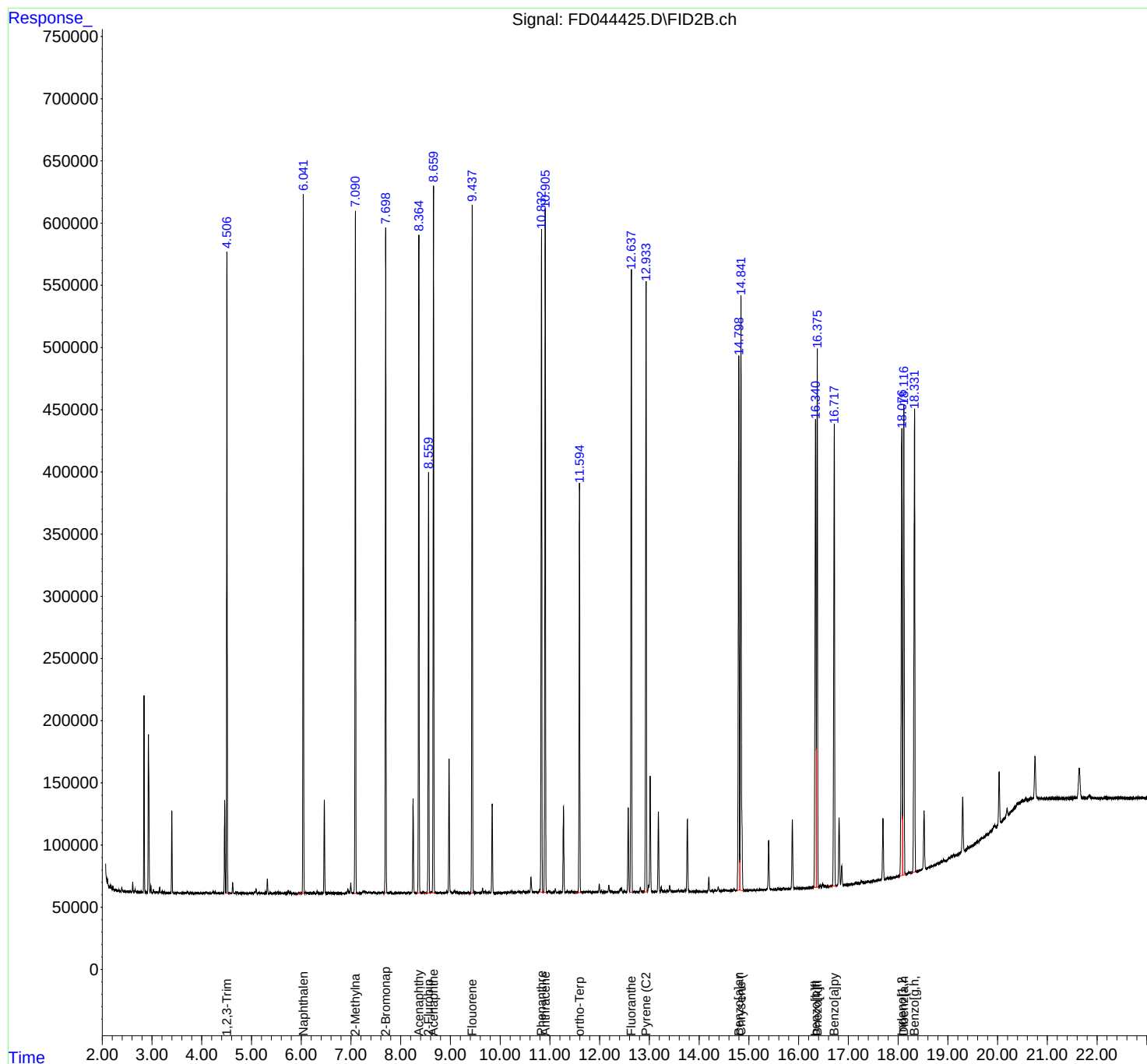
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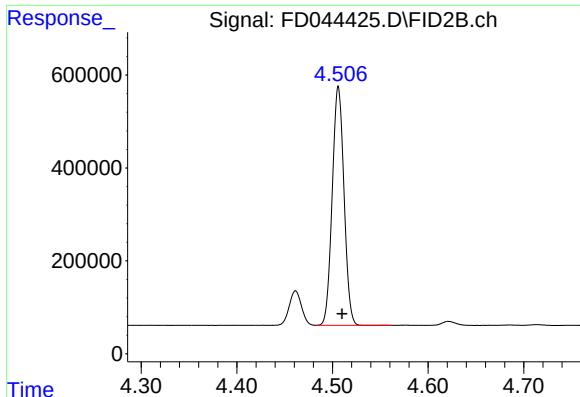
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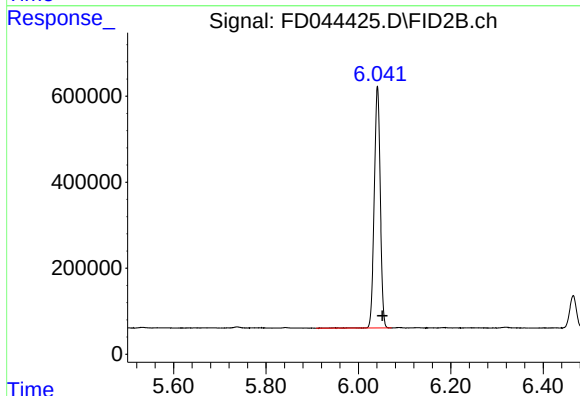
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.004 min
Response: 4385883
Conc: 30.09 ug/ml

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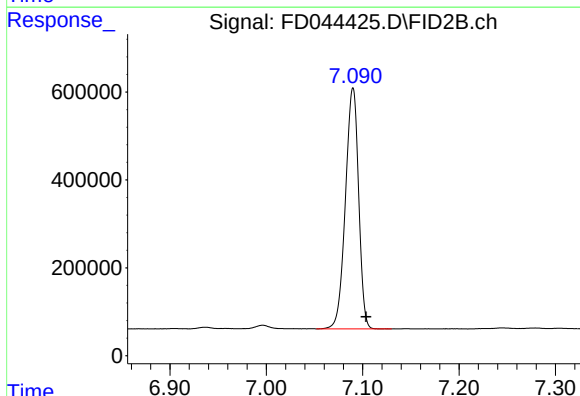
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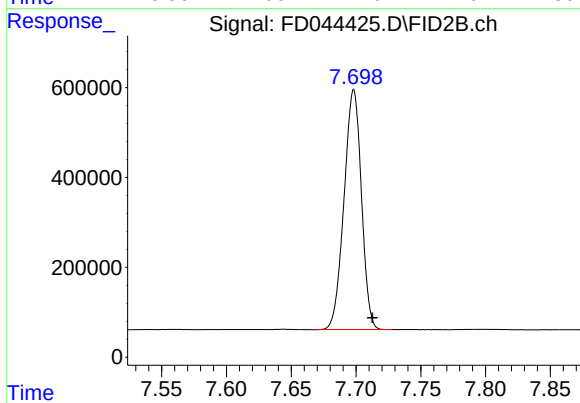
#2 Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.011 min
Response: 5093550
Conc: 32.71 ug/ml



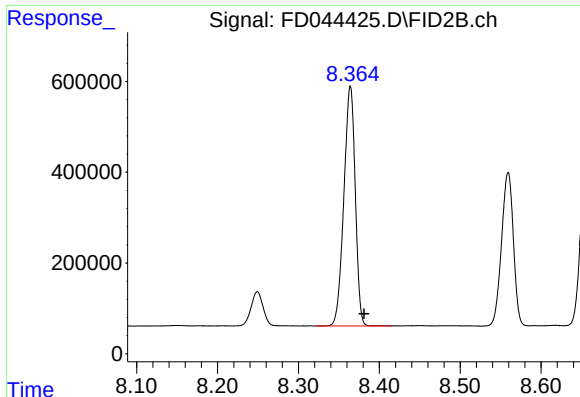
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.014 min
Response: 5182411
Conc: 32.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.698 min
Delta R.T.: -0.015 min
Response: 4989838
Conc: 36.88 ug/ml m



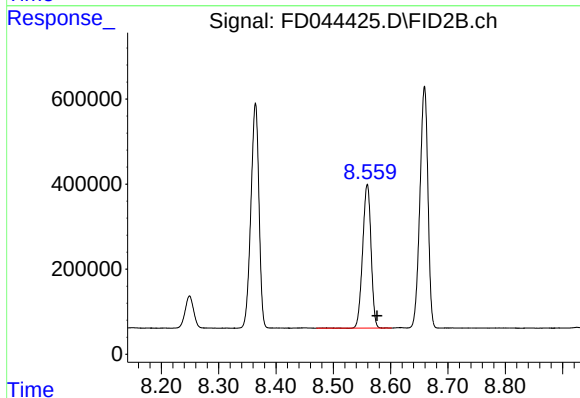
#5 Acenaphthylene (C15.06)

R.T.: 8.364 min
Delta R.T.: -0.017 min
Response: 5169257
Conc: 34.28 ug/ml

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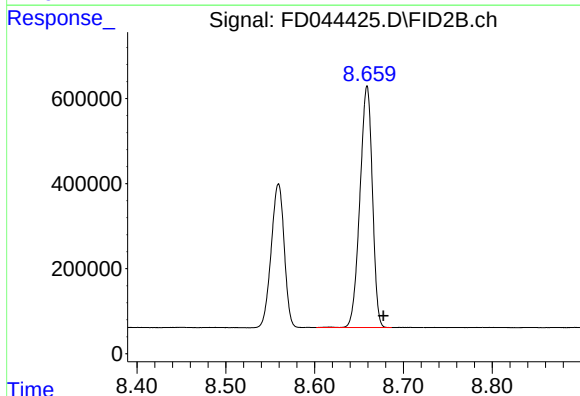
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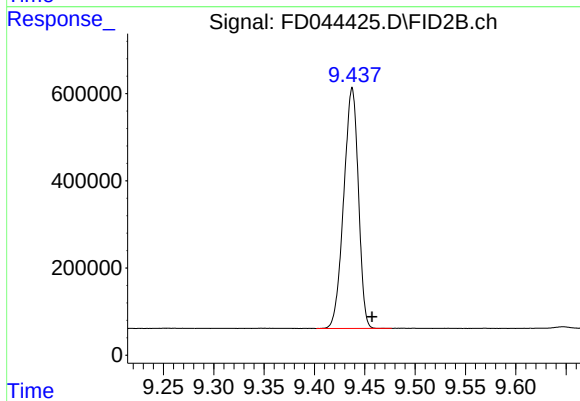
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: -0.017 min
Response: 3439918
Conc: 36.68 ug/ml



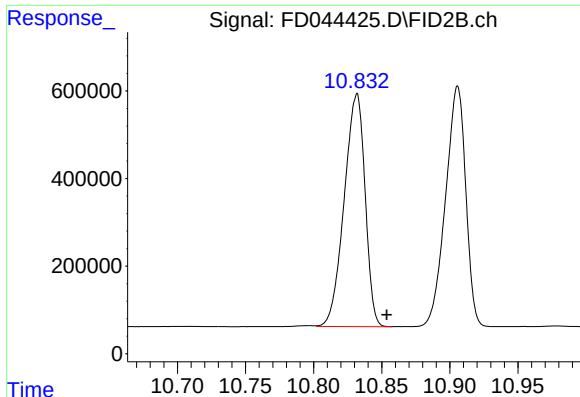
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.018 min
Response: 5546049
Conc: 35.84 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.437 min
Delta R.T.: -0.020 min
Response: 5591884
Conc: 36.36 ug/ml



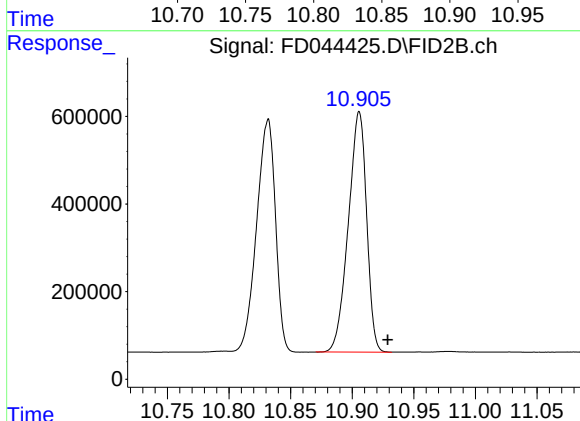
#9 Phenanthrene (C19.36)

R.T.: 10.832 min
Delta R.T.: -0.022 min
Response: 5666367
Conc: 37.68 ug/ml

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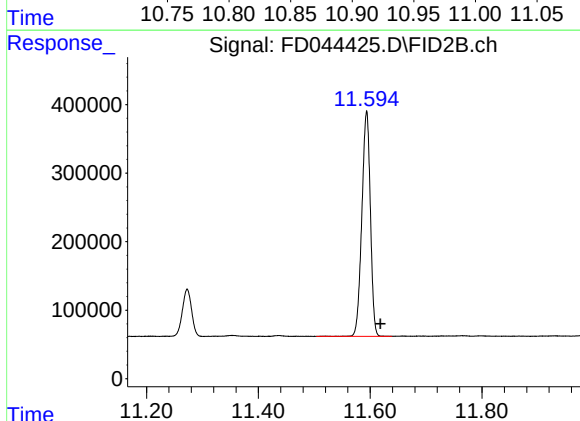
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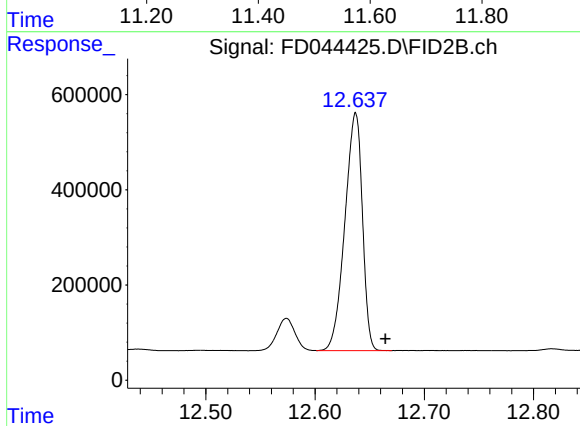
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.023 min
Response: 5667815
Conc: 38.68 ug/ml m



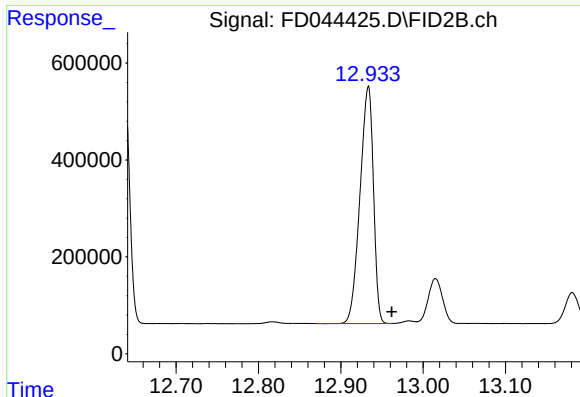
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: -0.025 min
Response: 3477350
Conc: 20.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.637 min
Delta R.T.: -0.027 min
Response: 5565151
Conc: 36.62 ug/ml



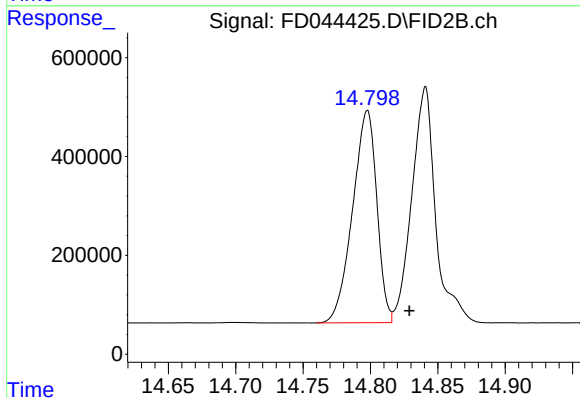
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: -0.029 min
Response: 5559770
Conc: 37.40 ug/ml

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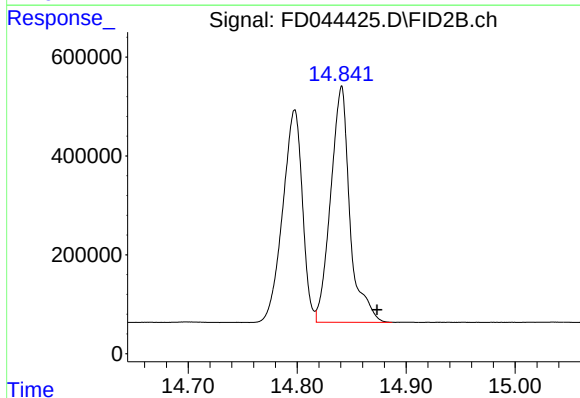
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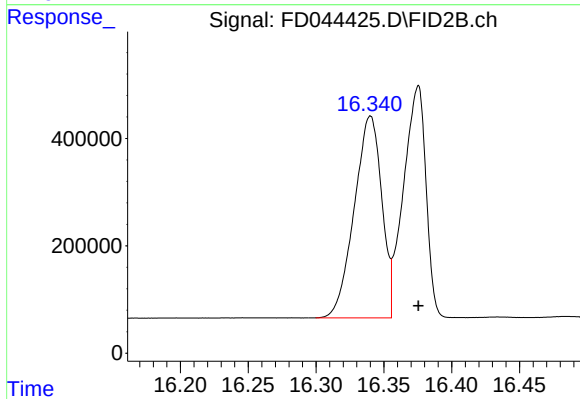
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: -0.031 min
Response: 5378560
Conc: 38.43 ug/ml m



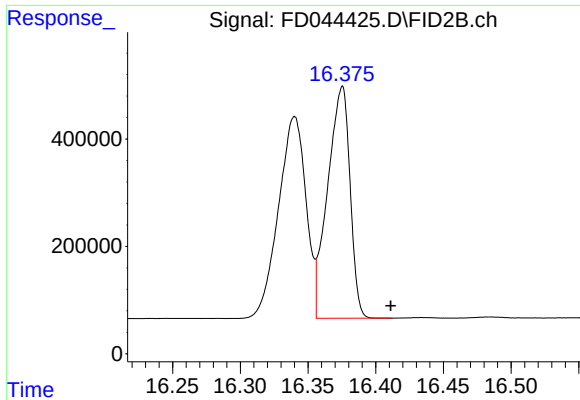
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: -0.032 min
Response: 5860296
Conc: 40.01 ug/ml m



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

R.T.: 16.340 min
Delta R.T.: -0.036 min
Response: 5324223
Conc: 37.02 ug/ml m



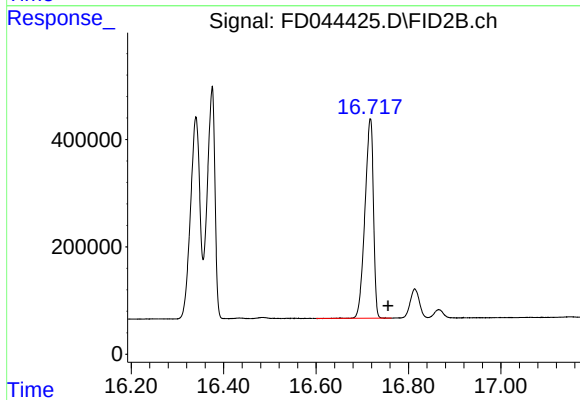
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: -0.037 min
Response: 4964974
Conc: 34.92 ug/ml

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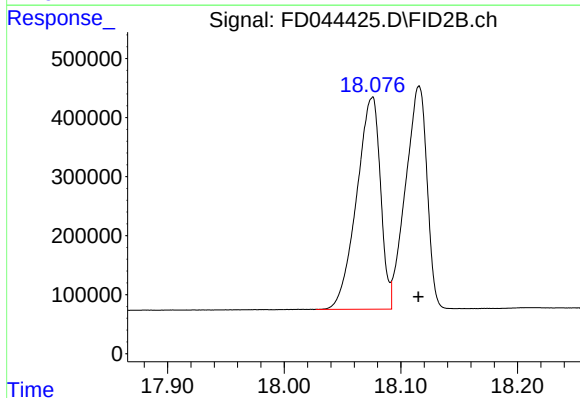
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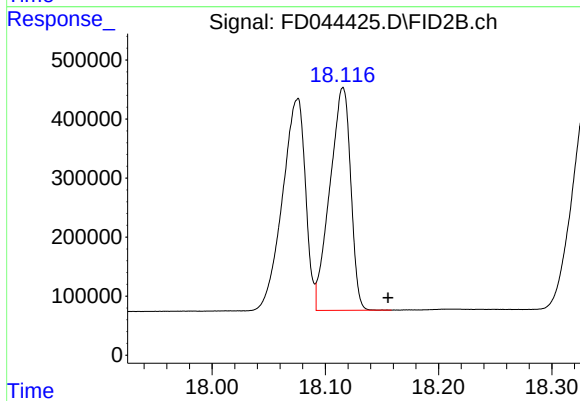
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: -0.039 min
Response: 4728394
Conc: 33.80 ug/ml



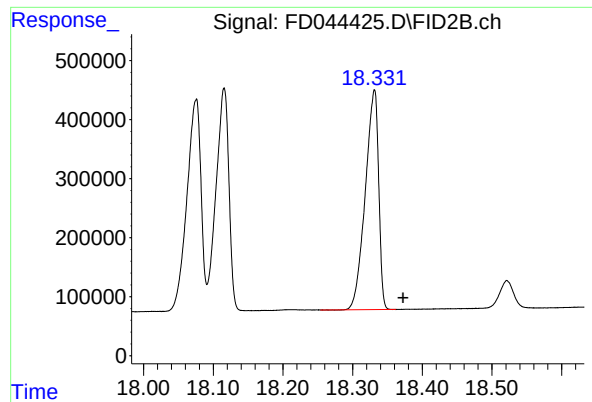
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: -0.039 min
Response: 5107206
Conc: 37.46 ug/ml m



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

R.T.: 18.115 min
Delta R.T.: -0.040 min
Response: 4827750
Conc: 35.84 ug/ml



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

R.T.: 18.330 min
Delta R.T.: -0.042 min
Response: 4959167
Conc: 36.33 ug/ml

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