

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112122AR\
 Data File : FD044482.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2022 08:34
 Operator : YP/AJ
 Sample : N5642-13MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LEFT-SIDE-FLATS-33MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: autoint1.e
 Quant Time: Nov 22 09:08:13 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...	7.688	6312484	46.649 ug/ml
Spiked Amount 50.000		Recovery =	93.30%
6) S 2-Fluorobiphenyl (SURR)	8.548	4246217	45.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.56%
11) S ortho-Terphenyl (SURR)	11.582	6124201	35.695 ug/ml
Spiked Amount 50.000		Recovery =	71.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	4924762	33.787 ug/ml
2) T Naphthalene (C11.7)	6.031	5716931	36.718 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	5777585	36.570 ug/ml
5) T Acenaphthylene (C15.06)	8.352	5988293	39.711 ug/ml
7) T Acenaphthene (C15.5)	8.648	6156749	39.789 ug/ml
8) T Flouorene (C16.55)	9.425	6243804	40.599 ug/ml
9) T Phenanthrene (C19.36)	10.818	6261867	41.641 ug/ml
10) T Anthracene (C19.43)	10.893	6283943	42.890 ug/ml
12) T Fluoranthene (C21.85)	12.623	6239634	41.058 ug/ml
13) T Pyrene (C20.8)	12.920	6180531	41.577 ug/mlm
14) T Benzo[a]anthracene (C...	14.782	5955929	42.551 ug/mlm
15) T Chrysene (C27.41)	14.827	6453864	44.068 ug/ml
16) T benzo[b]fluoranthene ...	16.326	5976847	41.558 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.361	5466444	38.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.702	5203023	37.190 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.062	5696312	41.777 ug/mlm
20) T Dibenz[a,h]anthracene...	18.101	5372909	39.888 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	5507612	40.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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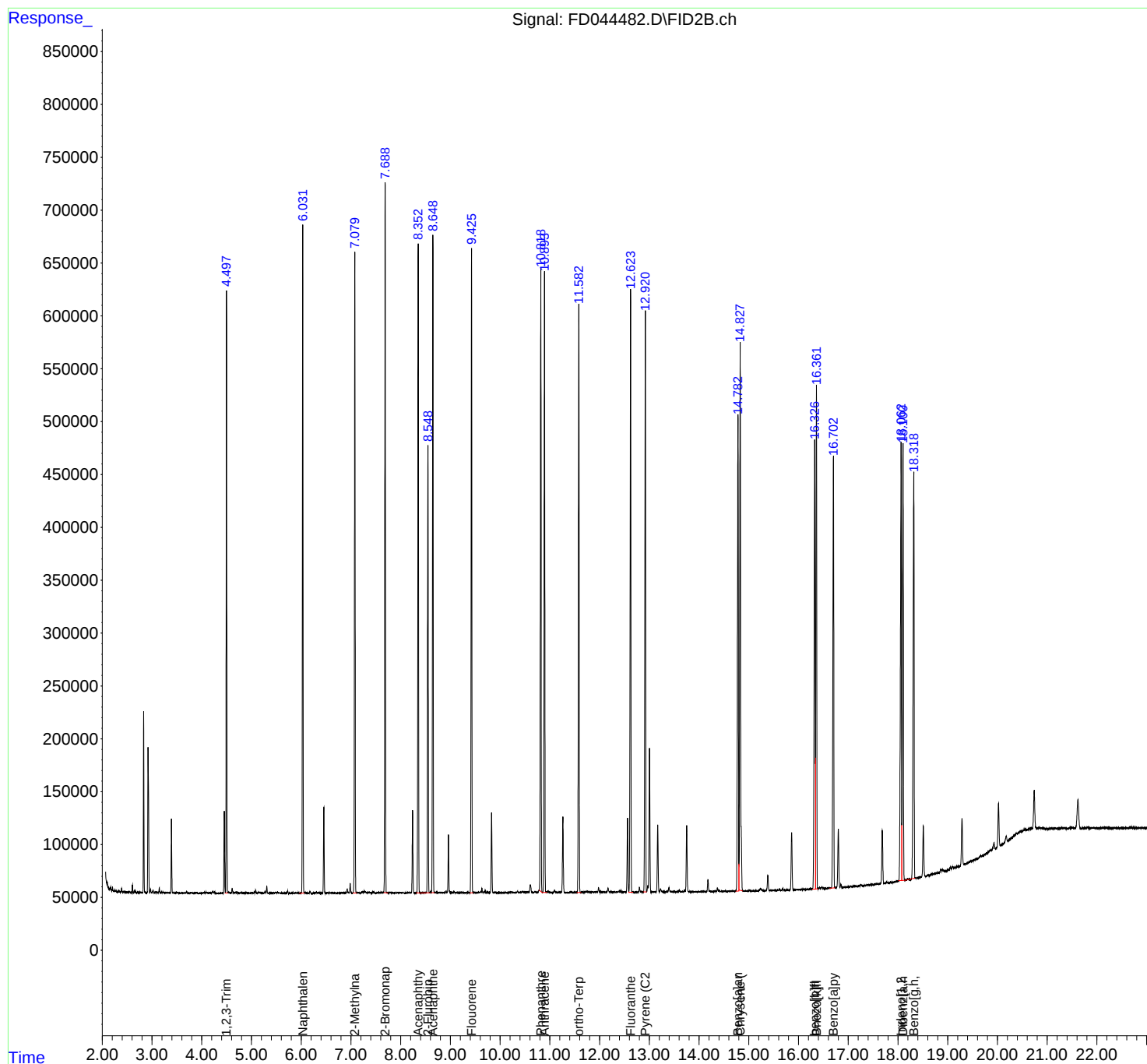
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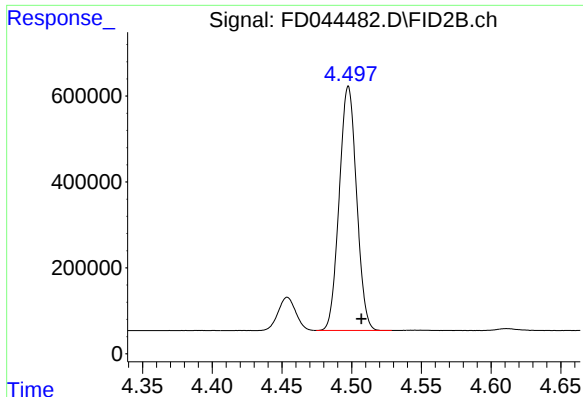
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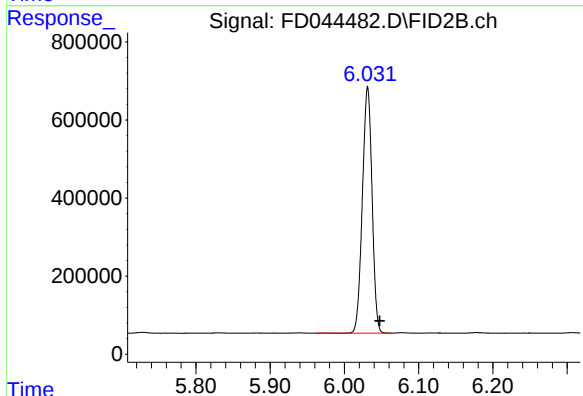
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.498 min
Delta R.T.: -0.009 min
Response: 4924762
Conc: 33.79 ug/ml

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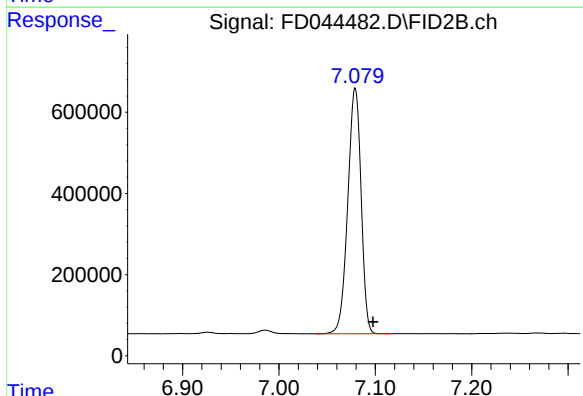
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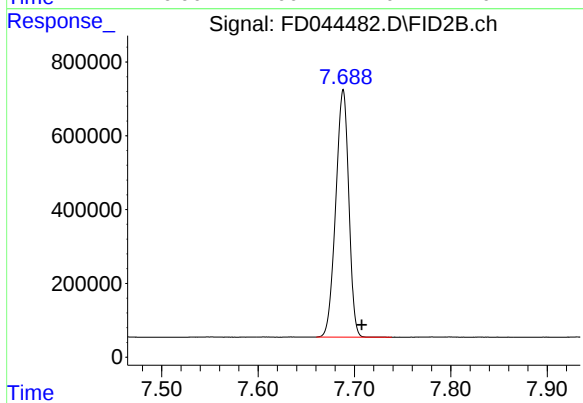
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.016 min
Response: 5716931
Conc: 36.72 ug/ml



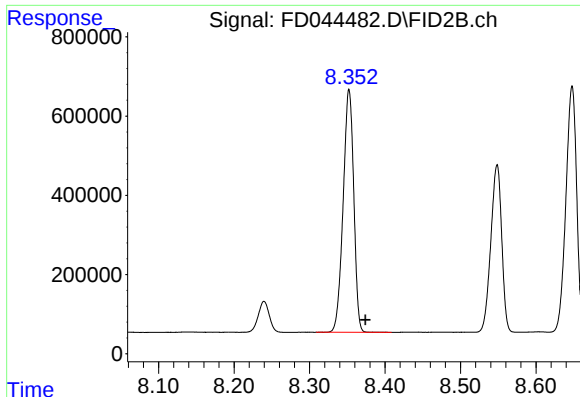
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.019 min
Response: 5777585
Conc: 36.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.688 min
Delta R.T.: -0.019 min
Response: 6312484
Conc: 46.65 ug/ml



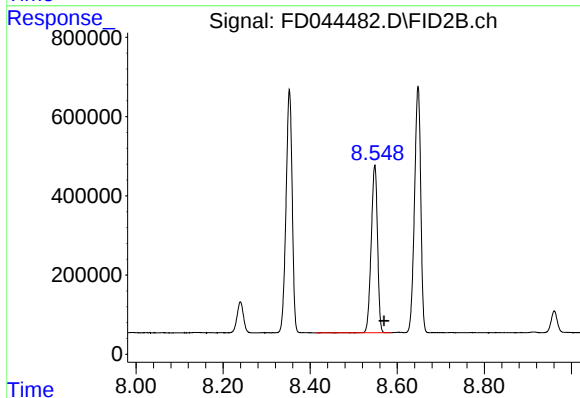
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.022 min
Response: 5988293
Conc: 39.71 ug/ml

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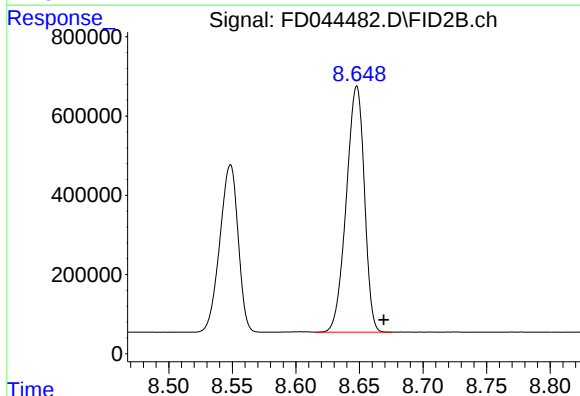
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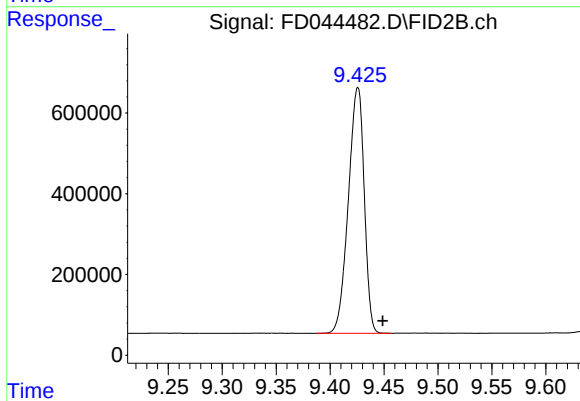
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.548 min
Delta R.T.: -0.022 min
Response: 4246217
Conc: 45.28 ug/ml



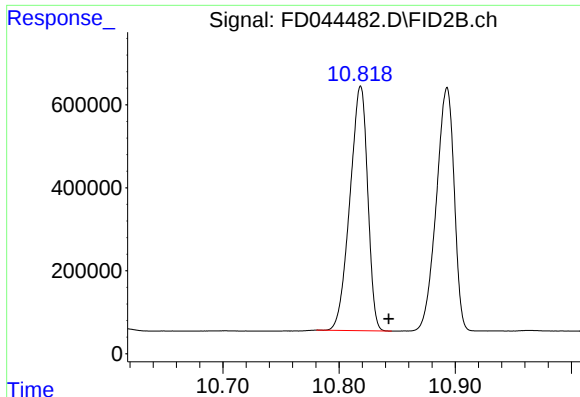
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: -0.021 min
Response: 6156749
Conc: 39.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.425 min
Delta R.T.: -0.023 min
Response: 6243804
Conc: 40.60 ug/ml



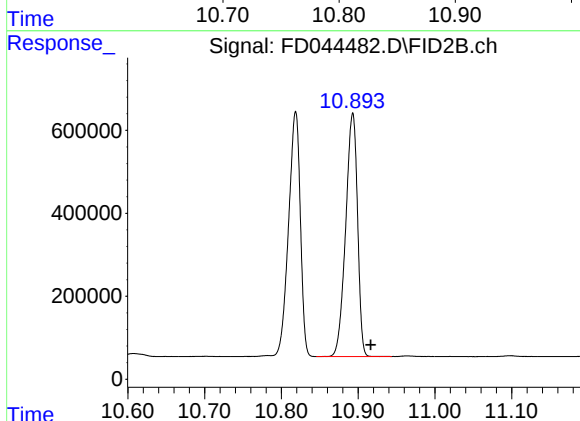
#9 Phenanthrene (C19.36)

R.T.: 10.818 min
Delta R.T.: -0.024 min
Response: 6261867
Conc: 41.64 ug/ml

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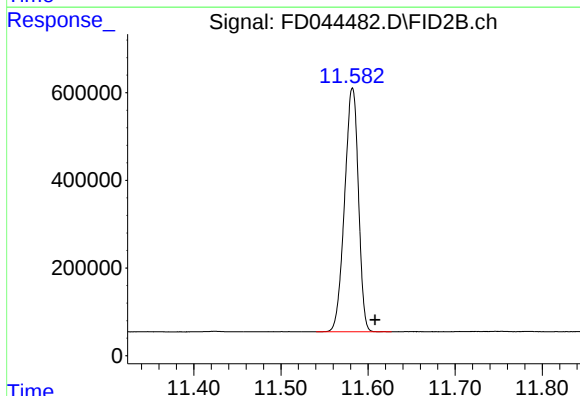
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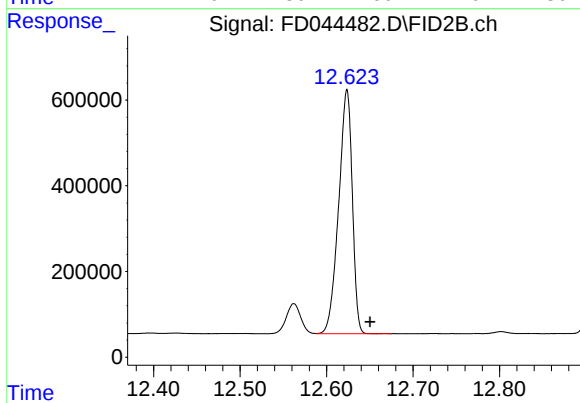
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.024 min
Response: 6283943
Conc: 42.89 ug/ml



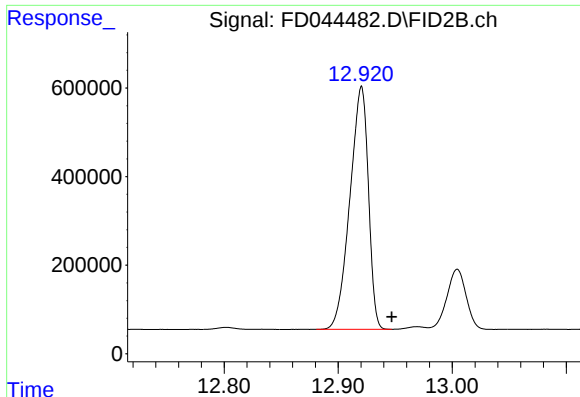
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.026 min
Response: 6124201
Conc: 35.69 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.623 min
Delta R.T.: -0.027 min
Response: 6239634
Conc: 41.06 ug/ml



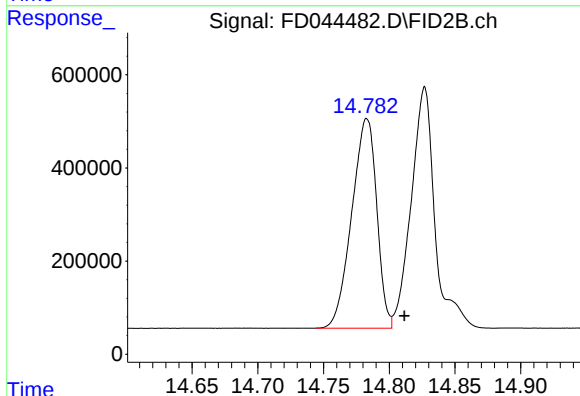
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: -0.027 min
Response: 6180531
Conc: 41.58 ug/ml

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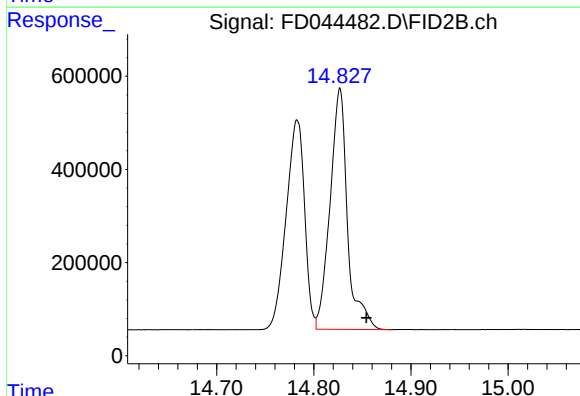
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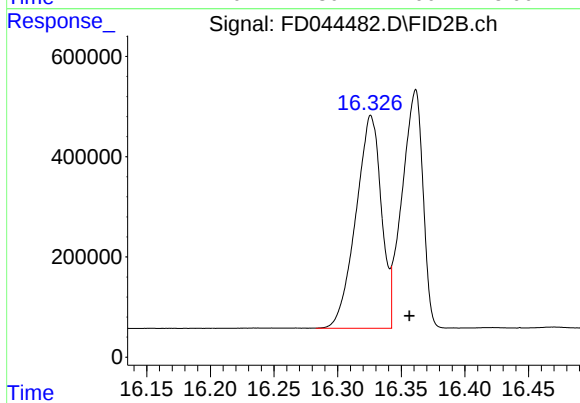
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: -0.029 min
Response: 5955929
Conc: 42.55 ug/ml m



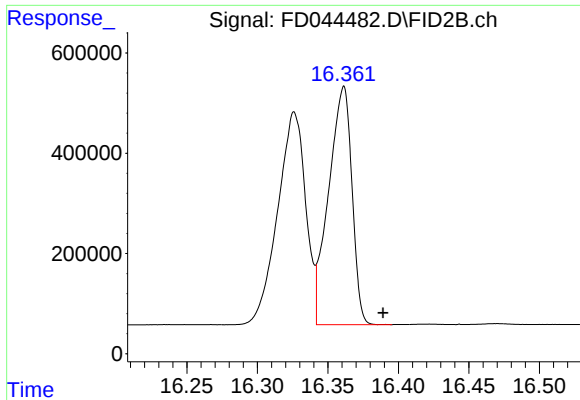
#15 Chrysene (C27.41)

R.T.: 14.827 min
Delta R.T.: -0.028 min
Response: 6453864
Conc: 44.07 ug/ml



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

R.T.: 16.326 min
Delta R.T.: -0.031 min
Response: 5976847
Conc: 41.56 ug/ml m



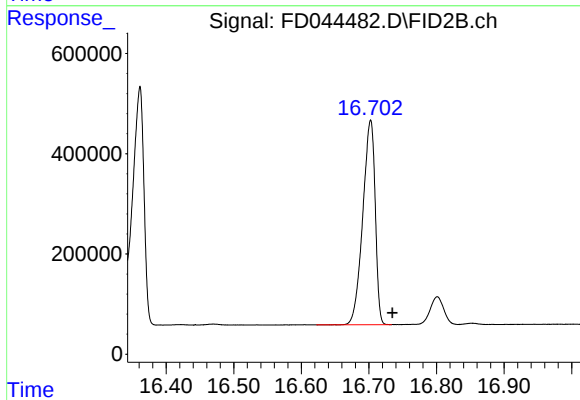
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.361 min
Delta R.T.: -0.029 min
Response: 5466444
Conc: 38.45 ug/ml

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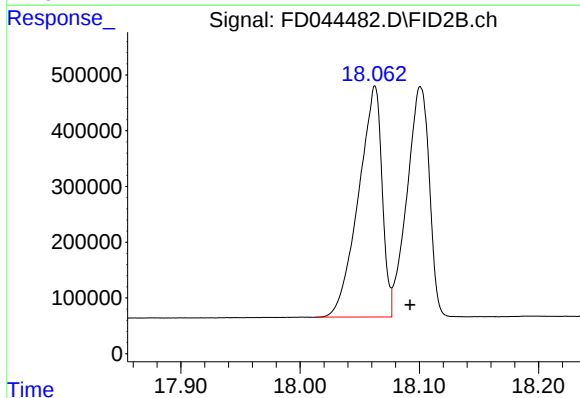
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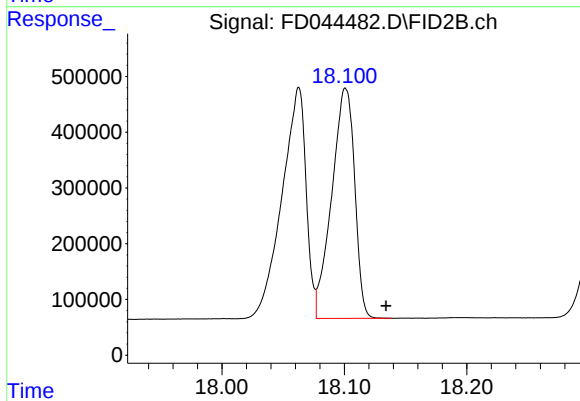
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.702 min
Delta R.T.: -0.032 min
Response: 5203023
Conc: 37.19 ug/ml



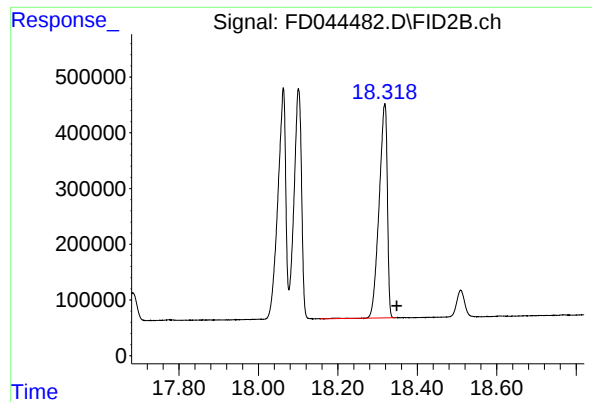
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min
Delta R.T.: -0.030 min
Response: 5696312
Conc: 41.78 ug/ml m



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

R.T.: 18.101 min
Delta R.T.: -0.033 min
Response: 5372909
Conc: 39.89 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.030 min
Response: 5507612
Conc: 40.35 ug/ml

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