

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051520AR\
 Data File : FD033513.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2020 9:30
 Operator : DD\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

Sohil
 5/18/2020 3:41:47 PM

Integration File: autoint1.e
 Quant Time: May 16 04:12:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.582	2304263	20.953 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
6) S 2-Fluorobiphenyl (SURR)	8.444	1517849	20.441 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.88%
11) S ortho-Terphenyl (SURR)	11.474	2589112	20.064 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	2281044	20.044 ug/ml
2) T Naphthalene (C11.7)	5.925	2478044	21.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	2493072	20.935 ug/ml
5) T Acenaphthylene (C15.06)	8.246	2478728	20.534 ug/ml
7) T Acenaphthene (C15.5)	8.539	2632188	20.854 ug/ml
8) T Flouorene (C16.55)	9.319	2533239	20.685 ug/ml
9) T Phenanthrene (C19.36)	10.714	2552083	20.189 ug/ml
10) T Anthracene (C19.43)	10.789	2489510	20.461 ug/ml
12) T Fluoranthene (C21.85)	12.523	2636311	20.347 ug/ml
13) T Pyrene (C20.8)	12.819	2570446	19.897 ug/ml
14) T Benzo[a]anthracene (C...	14.690	2419947	19.810 ug/mlm
15) T Chrysene (C27.41)	14.732	2665975	20.704 ug/ml
16) T benzo[b]fluoranthene ...	16.243	2470522	19.857 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.274	2609964	20.270 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.622	2443543	19.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	2224931	18.756 ug/mlm
20) T Dibenz[a,h]anthracene...	18.025	2579752	20.867 ug/ml
21) T Benzo[g,h,i]perylene ...	18.243	2377085	19.701 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

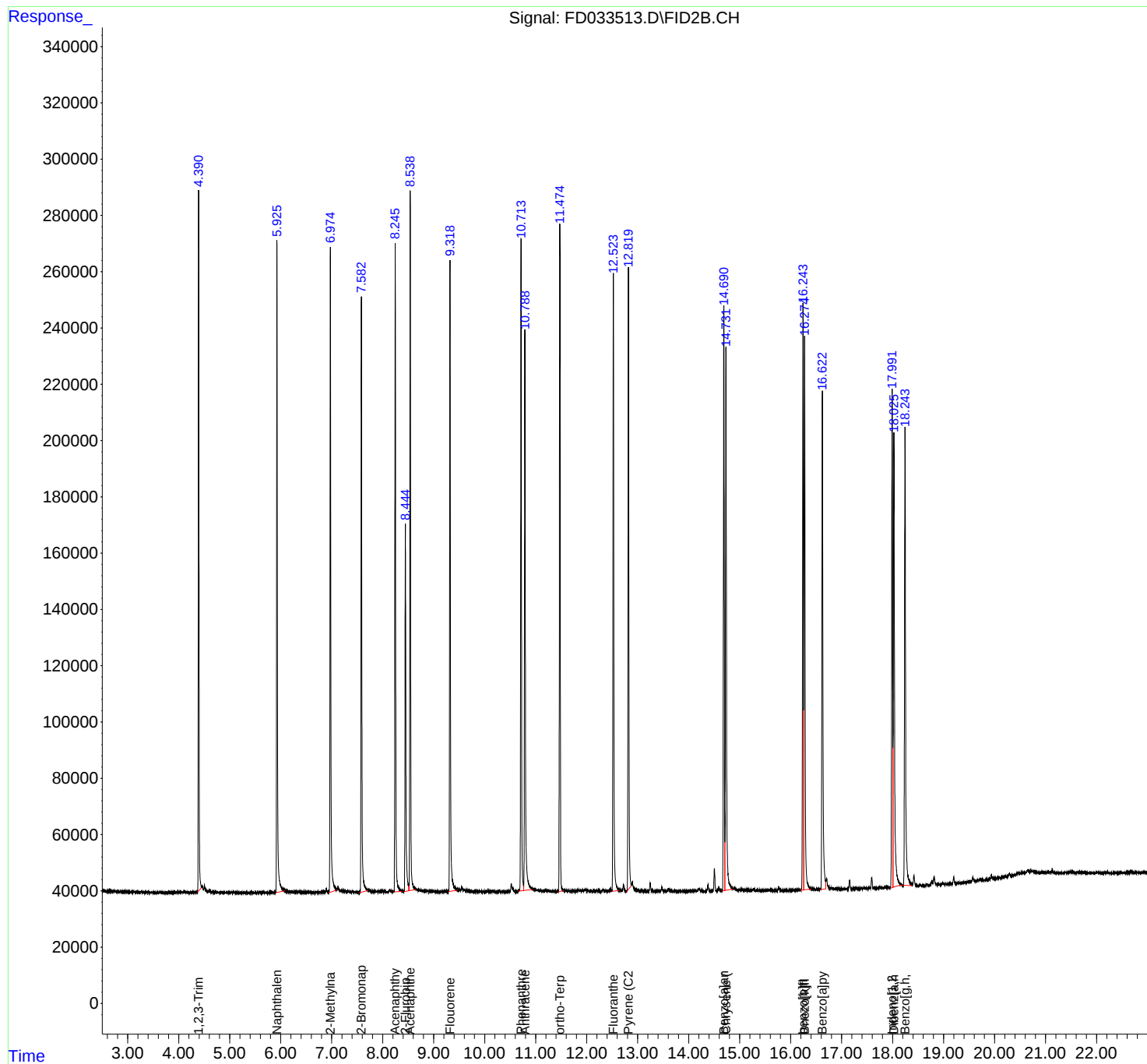
Instrument :
FID_D
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20 PPM AROMATIC HC STD

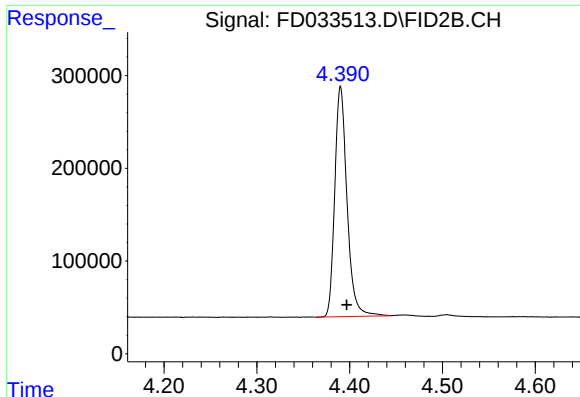
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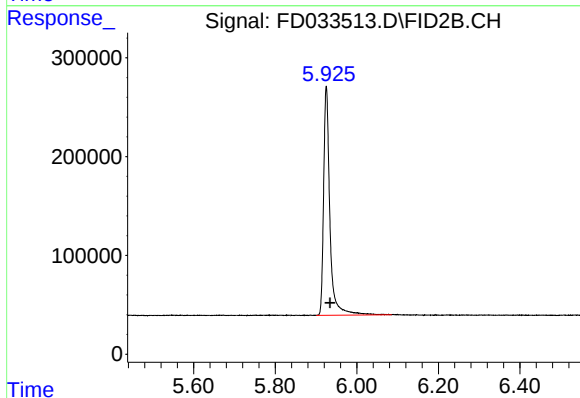
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: -0.007 min
Response: 2281044
Conc: 20.04 ug/ml

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20 PPM AROMATIC HC STD

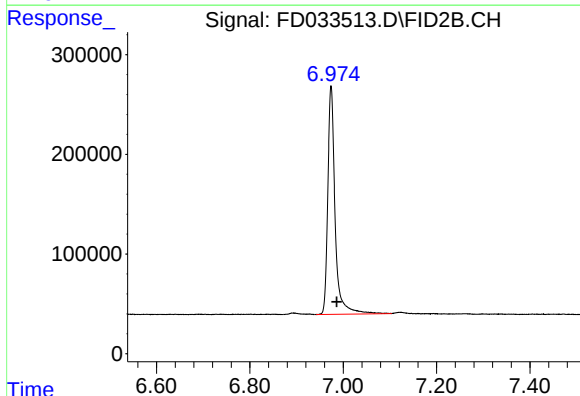
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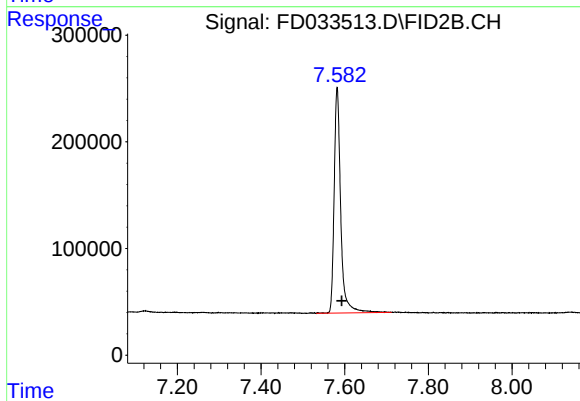
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.009 min
Response: 2478044
Conc: 21.02 ug/ml



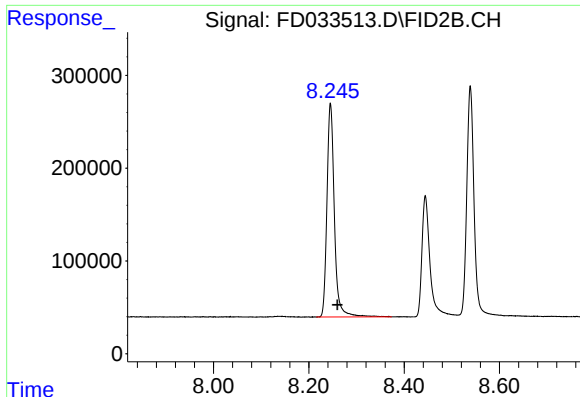
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.012 min
Response: 2493072
Conc: 20.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.011 min
Response: 2304263
Conc: 20.95 ug/ml



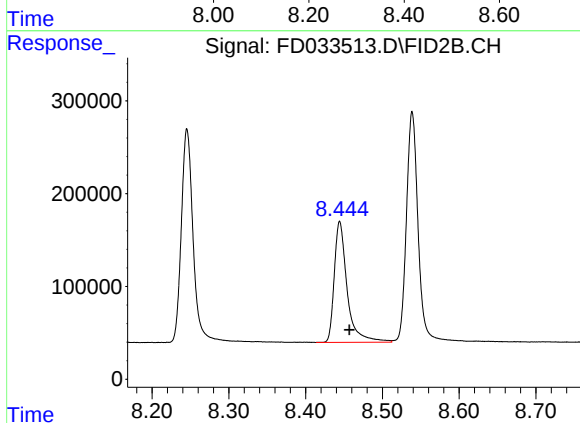
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min
Delta R.T.: -0.015 min
Response: 2478728
Conc: 20.53 ug/ml

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20 PPM AROMATIC HC STD

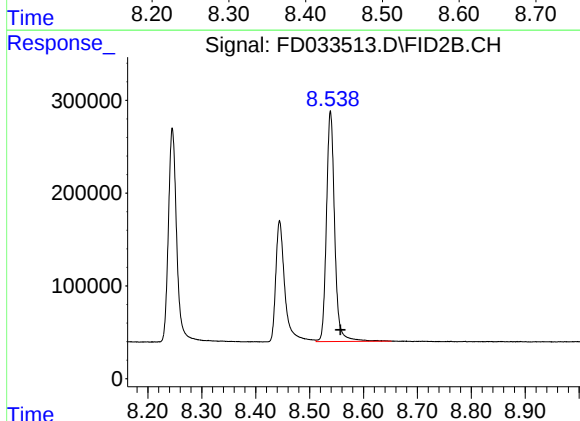
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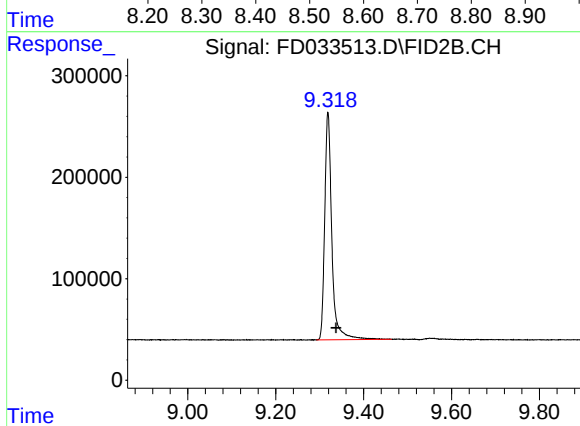
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.013 min
Response: 1517849
Conc: 20.44 ug/ml



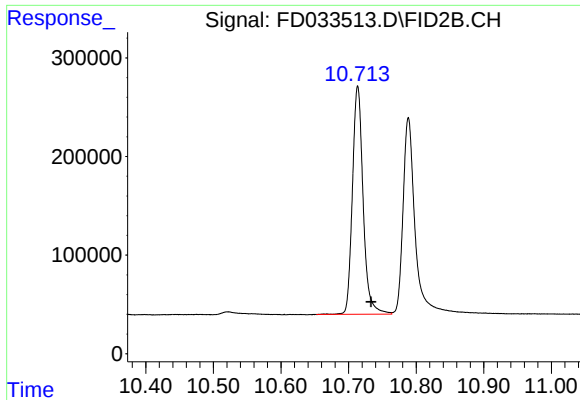
#7 Acenaphthene (C15.5)

R.T.: 8.539 min
Delta R.T.: -0.018 min
Response: 2632188
Conc: 20.85 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.319 min
Delta R.T.: -0.018 min
Response: 2533239
Conc: 20.69 ug/ml



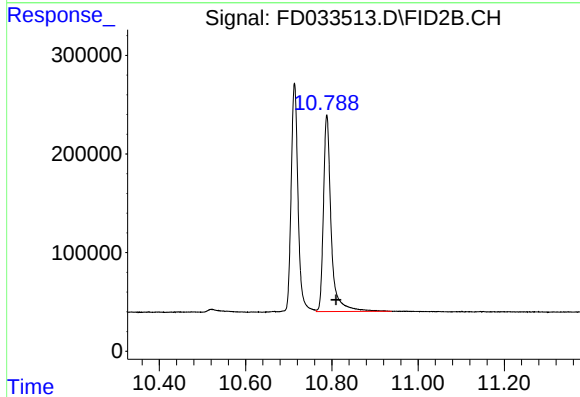
#9 Phenanthrene (C19.36)

R.T.: 10.714 min
Delta R.T.: -0.019 min
Response: 2552083
Conc: 20.19 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

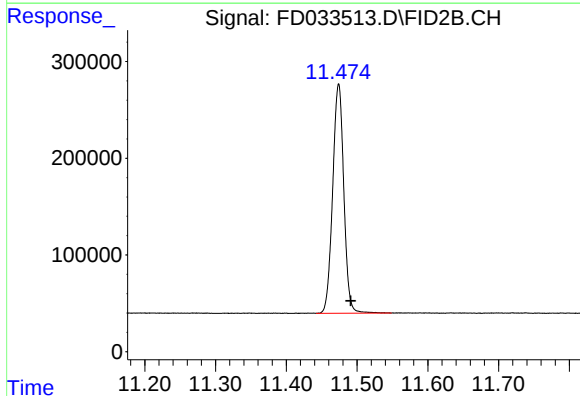
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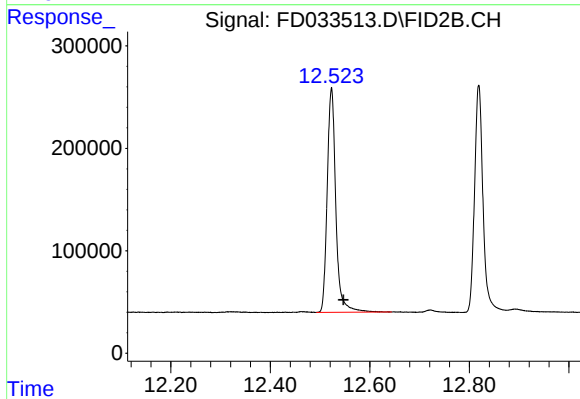
#10 Anthracene (C19.43)

R.T.: 10.789 min
Delta R.T.: -0.022 min
Response: 2489510
Conc: 20.46 ug/ml



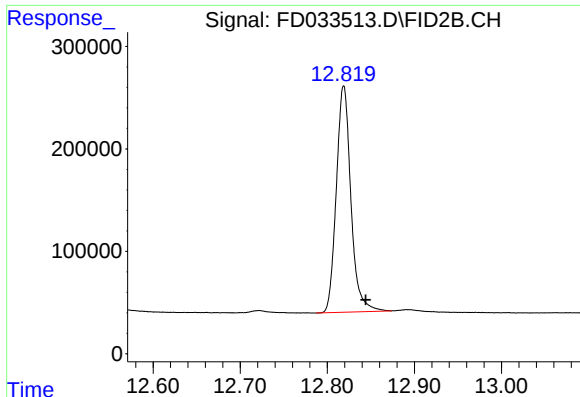
#11 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.017 min
Response: 2589112
Conc: 20.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.523 min
Delta R.T.: -0.024 min
Response: 2636311
Conc: 20.35 ug/ml



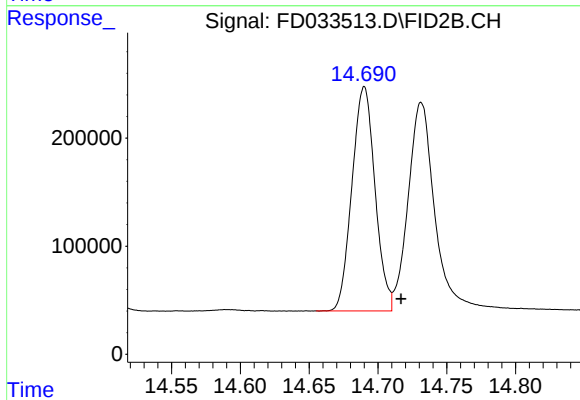
#13 Pyrene (C20.8)

R.T.: 12.819 min
Delta R.T.: -0.025 min
Response: 2570446
Conc: 19.90 ug/ml

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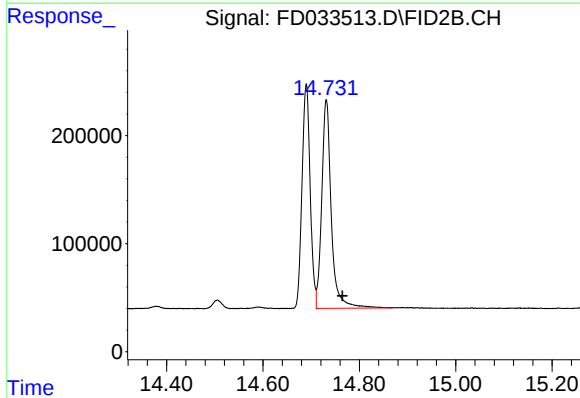
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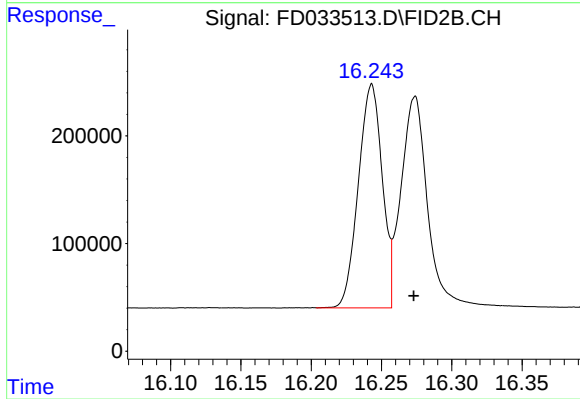
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.690 min
Delta R.T.: -0.027 min
Response: 2419947
Conc: 19.81 ug/ml m



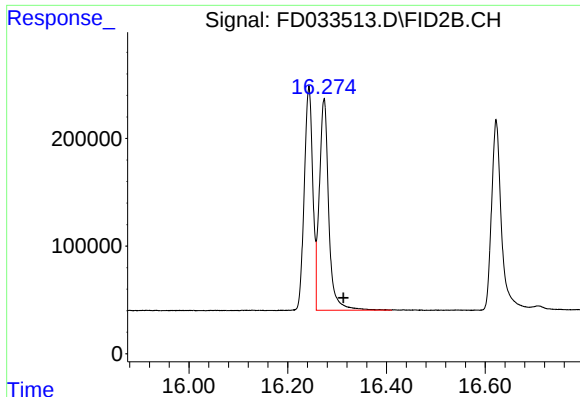
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: -0.033 min
Response: 2665975
Conc: 20.70 ug/ml



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

R.T.: 16.243 min
Delta R.T.: -0.030 min
Response: 2470522
Conc: 19.86 ug/ml m



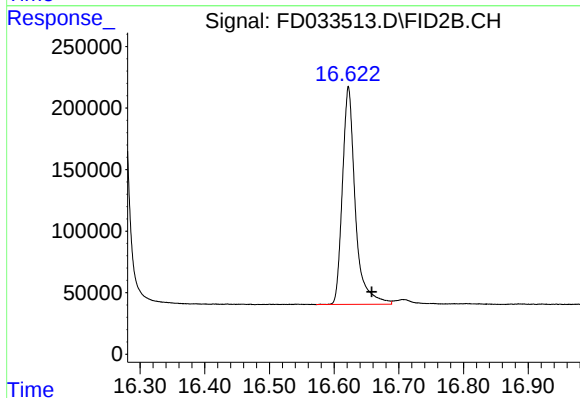
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.274 min
Delta R.T.: -0.039 min
Response: 2609964
Conc: 20.27 ug/ml

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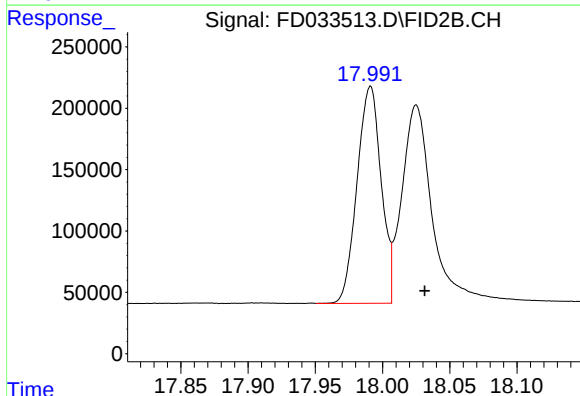
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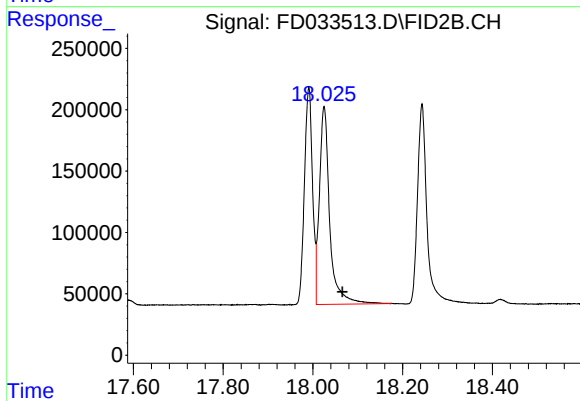
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.622 min
Delta R.T.: -0.036 min
Response: 2443543
Conc: 19.78 ug/ml



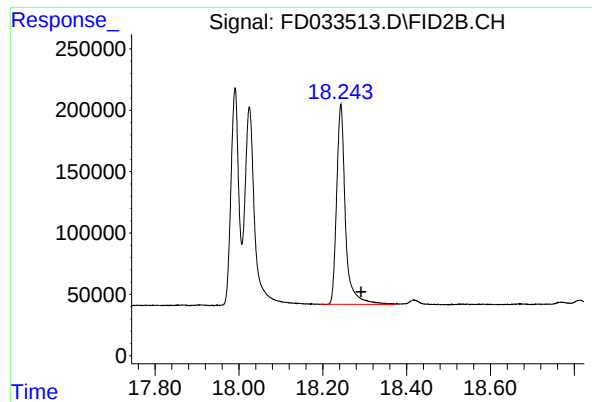
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: -0.041 min
Response: 2224931
Conc: 18.76 ug/ml m



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

R.T.: 18.025 min
Delta R.T.: -0.041 min
Response: 2579752
Conc: 20.87 ug/ml



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

R.T.: 18.243 min
Delta R.T.: -0.048 min
Response: 2377085
Conc: 19.70 ug/ml

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