

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042020AR\
 Data File : FD033077.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2020 15:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Sohil
 4/22/2020 4:32:21 PM

Integration File: autoint1.e
 Quant Time: Apr 21 15:48:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040620.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 02:14:39 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...	7.599	2428029	16.549 ug/ml
Spiked Amount 50.000		Recovery =	33.10%
6) S 2-Fluorobiphenyl (SURR)	8.462	1566865	16.061 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.12%
11) S ortho-Terphenyl (SURR)	11.495	2477262	15.501 ug/ml
Spiked Amount 50.000		Recovery =	31.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	2723759	17.535 ug/mlm
2) T Naphthalene (C11.7)	5.940	2743858	16.817 ug/ml
3) T 2-Methylnaphthalene (...)	6.990	2667847	16.532 ug/ml
5) T Acenaphthylene (C15.06)	8.264	2510248	16.227 ug/ml
7) T Acenaphthene (C15.5)	8.558	2620353	16.284 ug/ml
8) T Flouorene (C16.55)	9.339	2493370	16.038 ug/ml
9) T Phenanthrene (C19.36)	10.734	2365261	15.100 ug/ml
10) T Anthracene (C19.43)	10.808	2299558	15.098 ug/ml
12) T Fluoranthene (C21.85)	12.544	2403383	15.250 ug/mlm
13) T Pyrene (C20.8)	12.841	2374654	15.207 ug/mlm
14) T Benzo[a]anthracene (C...	14.714	2196544	15.431 ug/ml
15) T Chrysene (C27.41)	14.756	2265720	15.355 ug/ml
16) T benzo[b]fluoranthene ...	16.268	2222012	16.281 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.300	2276484	16.540 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	2255547	17.027 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	2221857	18.407 ug/mlm
20) T Dibenz[a,h]anthracene...	18.052	2279657	18.198 ug/ml
21) T Benzo[g,h,i]perylene ...	18.270	2262346	18.693 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 : 84 Sample Multiplier: 1

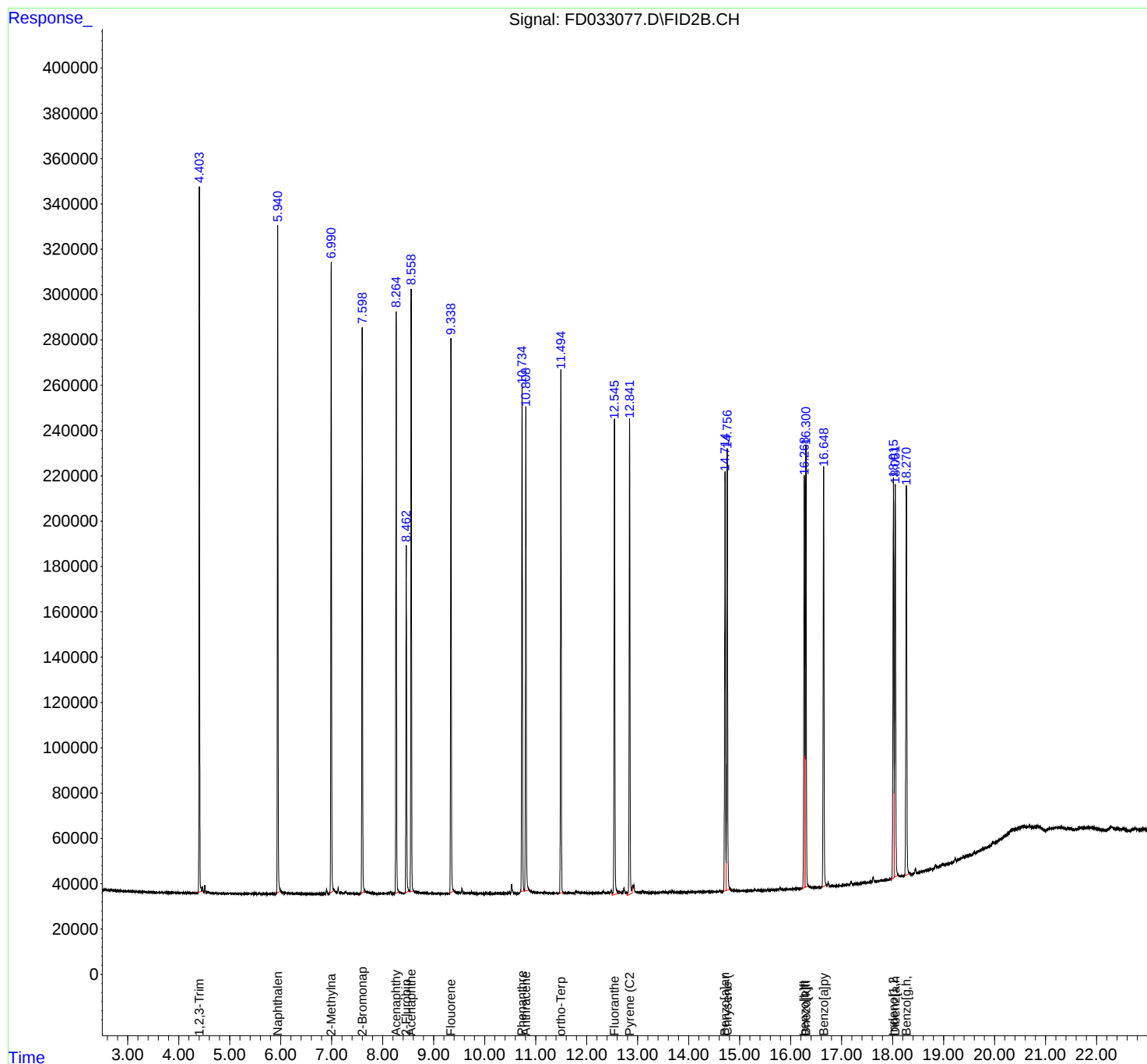
Instrument :
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20 PPM AROMATIC HC STD

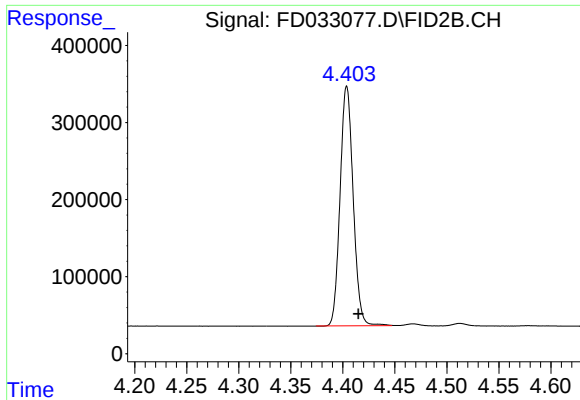
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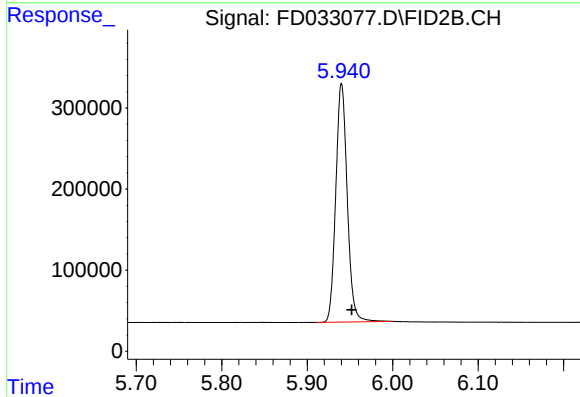
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.403 min
Delta R.T.: -0.012 min
Response: 2723759
Conc: 17.54 ug/ml m

Instrument :
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20 PPM AROMATIC HC STD

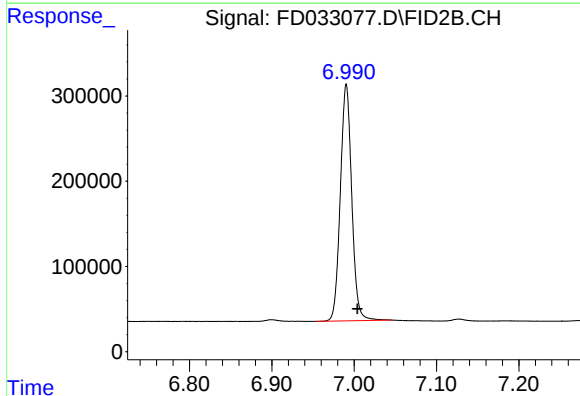
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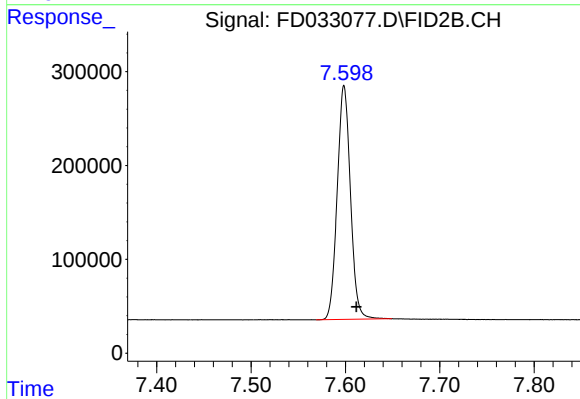
#2 Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 2743858
Conc: 16.82 ug/ml



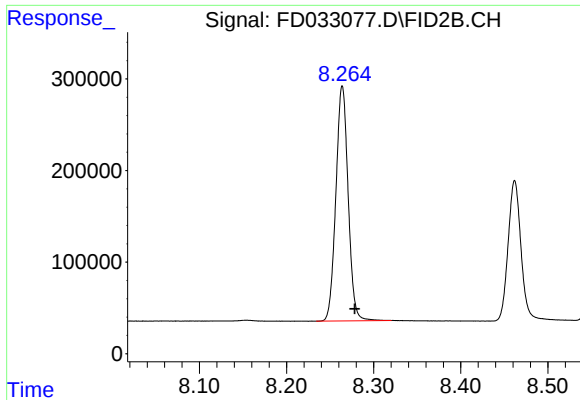
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min
Delta R.T.: -0.014 min
Response: 2667847
Conc: 16.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.599 min
Delta R.T.: -0.013 min
Response: 2428029
Conc: 16.55 ug/ml



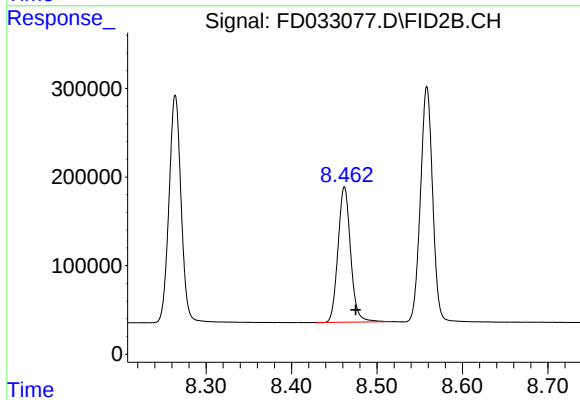
#5 Acenaphthylene (C15.06)

R.T.: 8.264 min
Delta R.T.: -0.014 min
Response: 2510248
Conc: 16.23 ug/ml

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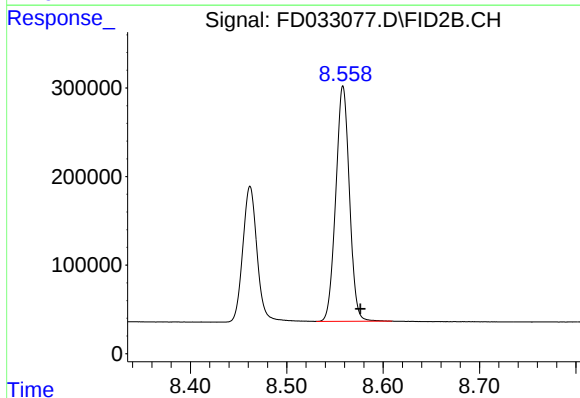
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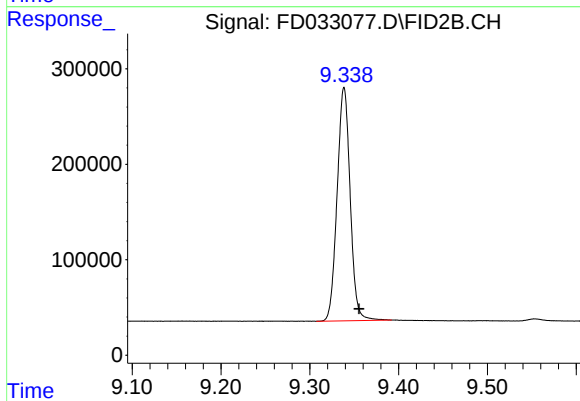
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min
Delta R.T.: -0.013 min
Response: 1566865
Conc: 16.06 ug/ml



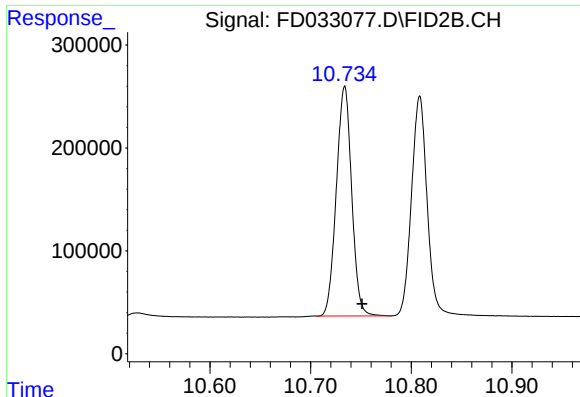
#7 Acenaphthene (C15.5)

R.T.: 8.558 min
Delta R.T.: -0.018 min
Response: 2620353
Conc: 16.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.339 min
Delta R.T.: -0.017 min
Response: 2493370
Conc: 16.04 ug/ml



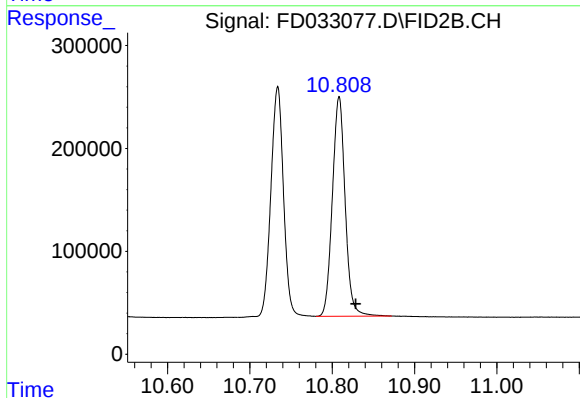
#9 Phenanthrene (C19.36)

R.T.: 10.734 min
Delta R.T.: -0.017 min
Response: 2365261
Conc: 15.10 ug/ml

Instrument :
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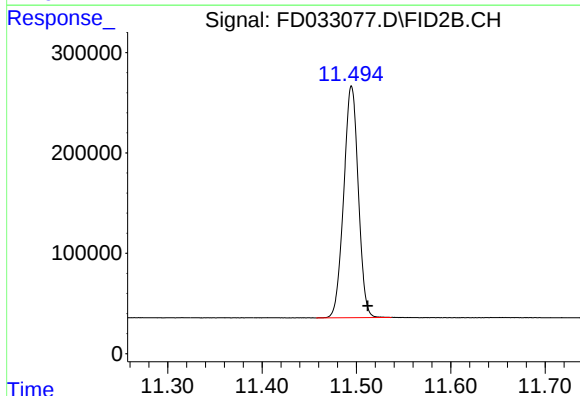
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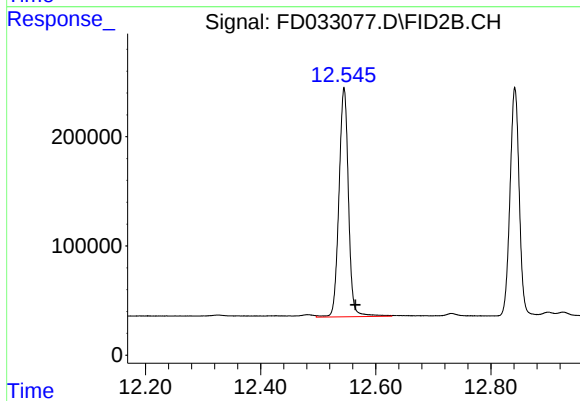
#10 Anthracene (C19.43)

R.T.: 10.808 min
Delta R.T.: -0.020 min
Response: 2299558
Conc: 15.10 ug/ml



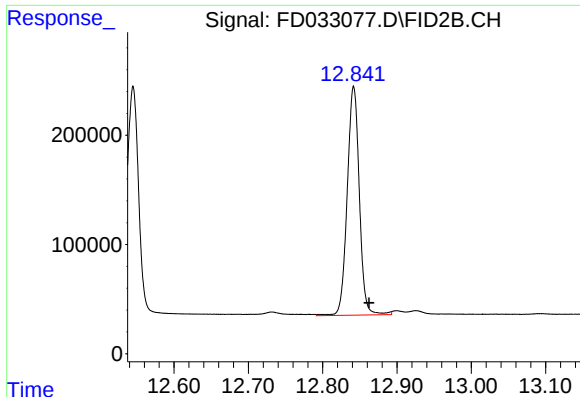
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: -0.017 min
Response: 2477262
Conc: 15.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min
Delta R.T.: -0.020 min
Response: 2403383
Conc: 15.25 ug/ml m



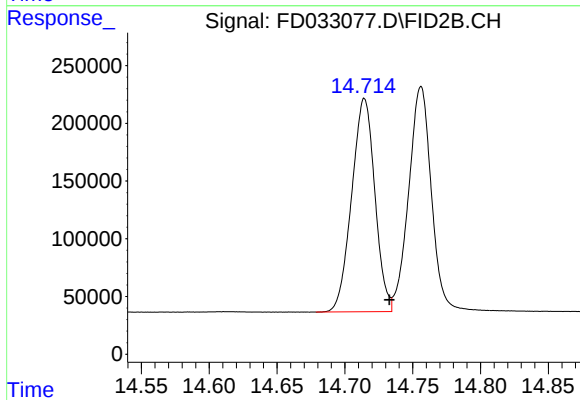
#13 Pyrene (C20.8)

R.T.: 12.841 min
Delta R.T.: -0.021 min
Response: 2374654
Conc: 15.21 ug/ml m

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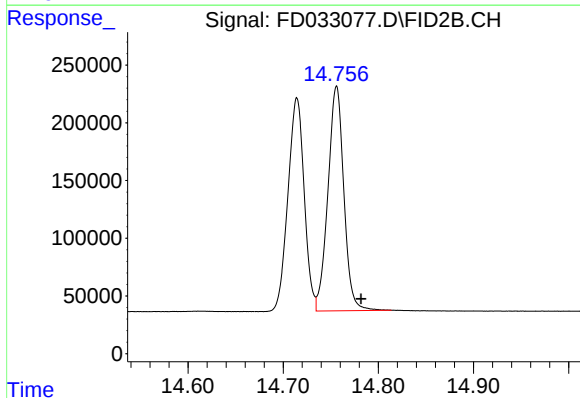
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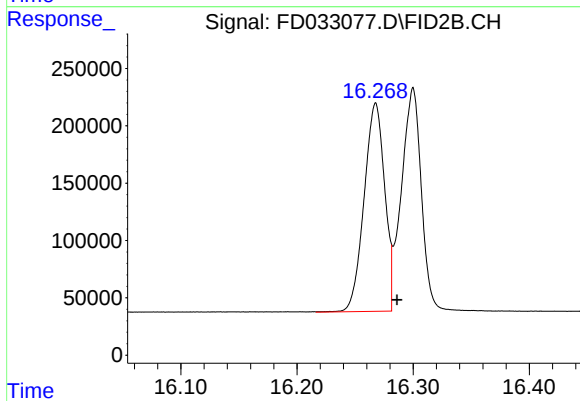
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.018 min
Response: 2196544
Conc: 15.43 ug/ml



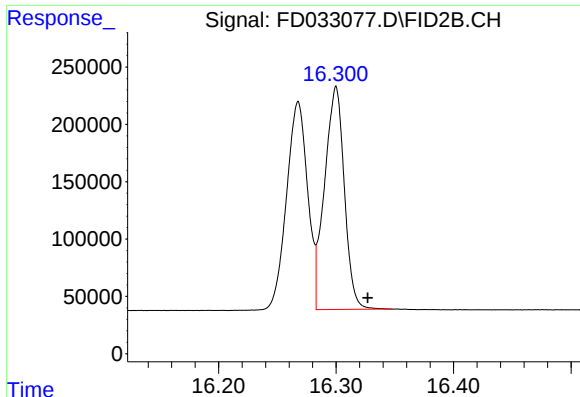
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.026 min
Response: 2265720
Conc: 15.36 ug/ml



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

R.T.: 16.268 min
Delta R.T.: -0.019 min
Response: 2222012
Conc: 16.28 ug/ml m



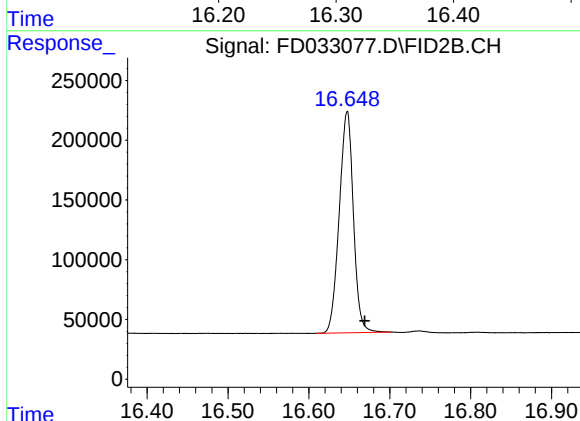
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min
Delta R.T.: -0.027 min
Response: 2276484
Conc: 16.54 ug/ml

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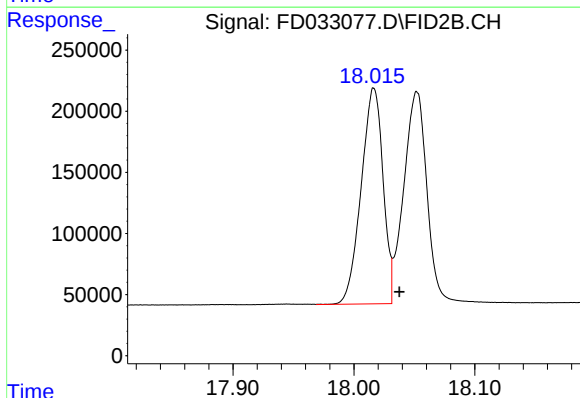
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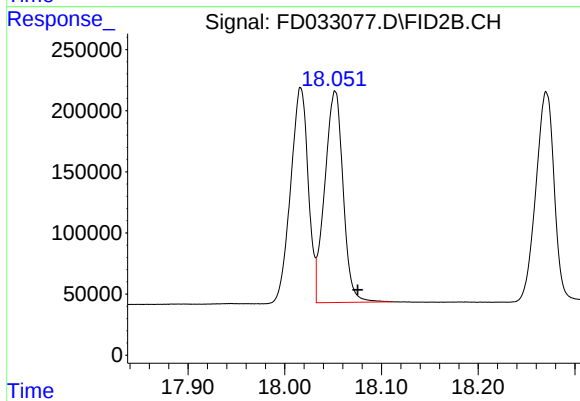
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: -0.022 min
Response: 2255547
Conc: 17.03 ug/ml



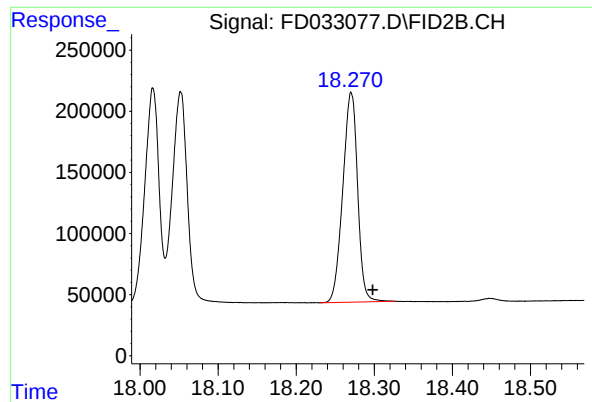
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.015 min
Delta R.T.: -0.022 min
Response: 2221857
Conc: 18.41 ug/ml m



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

R.T.: 18.052 min
Delta R.T.: -0.023 min
Response: 2279657
Conc: 18.20 ug/ml



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

R.T.: 18.270 min
Delta R.T.: -0.027 min
Response: 2262346
Conc: 18.69 ug/ml

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