

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051520AR\
 Data File : FD033523.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2020 16:01
 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 3:41:58 PM

Integration File: autoint1.e
 Quant Time: May 16 04:14:29 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	2334262	21.226 ug/ml
Spiked Amount 50.000		Recovery =	42.45%
6) S 2-Fluorobiphenyl (SURR)	8.445	1525139	20.539 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.08%
11) S ortho-Terphenyl (SURR)	11.473	2560987	19.846 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2405662	21.139 ug/ml
2) T Naphthalene (C11.7)	5.925	2554624	21.674 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	2547167	21.389 ug/ml
5) T Acenaphthylene (C15.06)	8.245	2498022	20.694 ug/ml
7) T Acenaphthene (C15.5)	8.538	2664310	21.108 ug/ml
8) T Flouorene (C16.55)	9.319	2522583	20.598 ug/ml
9) T Phenanthrene (C19.36)	10.713	2529785	20.012 ug/ml
10) T Anthracene (C19.43)	10.788	2453683	20.167 ug/ml
12) T Fluoranthene (C21.85)	12.522	2598818	20.057 ug/ml
13) T Pyrene (C20.8)	12.818	2507737	19.412 ug/ml
14) T Benzo[a]anthracene (C...	14.690	2351450	19.249 ug/mlm
15) T Chrysene (C27.41)	14.732	2610369	20.272 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2429636	19.528 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.274	2552355	19.823 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	2370026	19.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	2167179	18.269 ug/mlm
20) T Dibenz[a,h]anthracene...	18.026	2531696	20.478 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	2331037	19.319 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

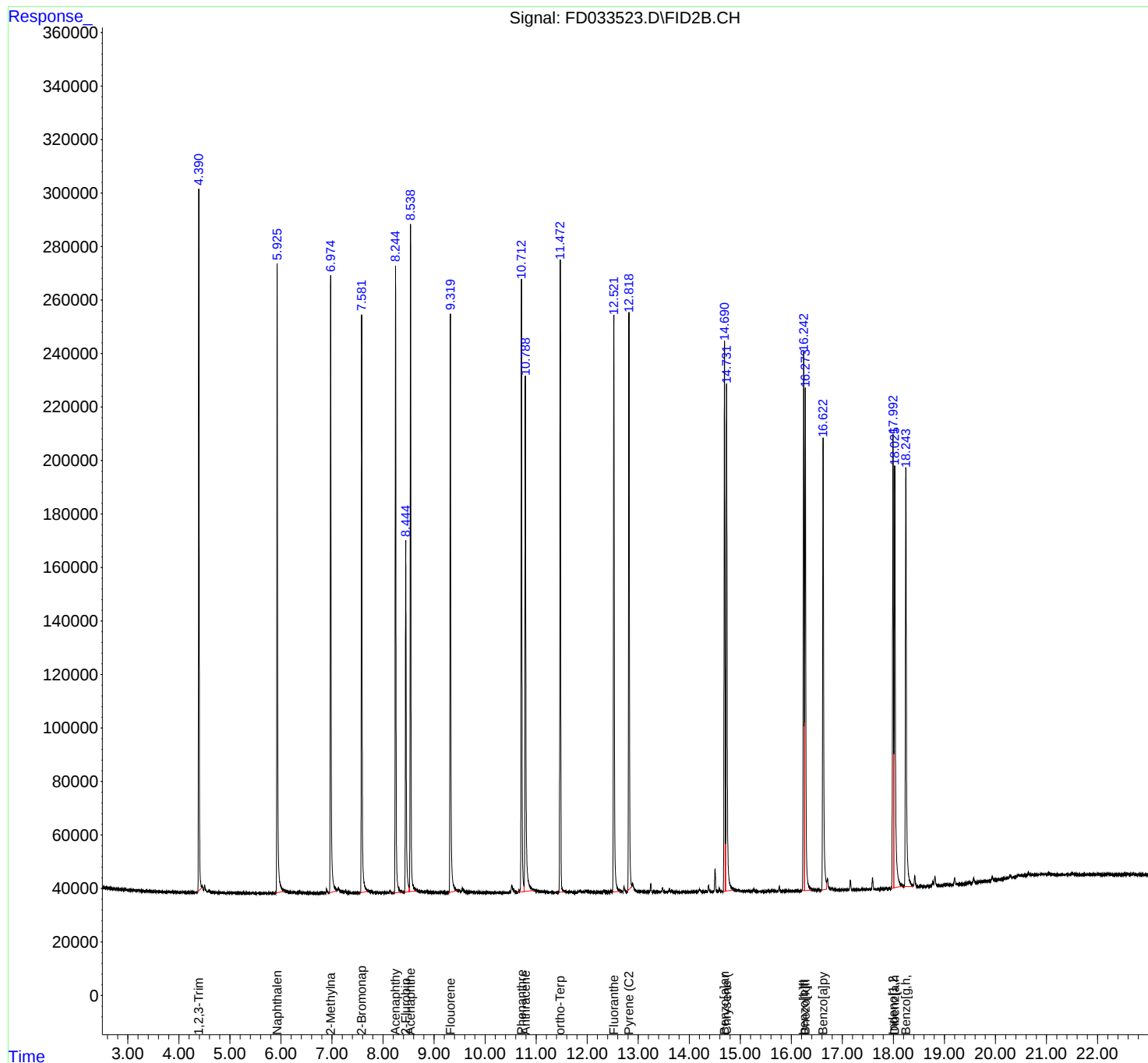
Instrument :
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20 PPM AROMATIC HC STD

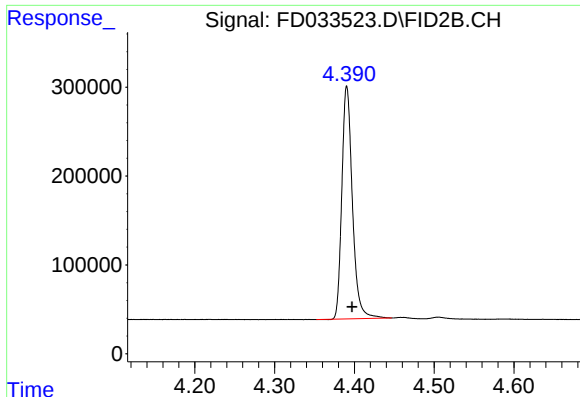
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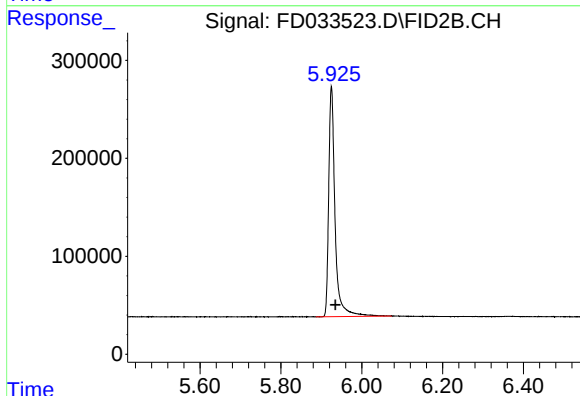
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.006 min
Response: 2405662
Conc: 21.14 ug/ml

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20 PPM AROMATIC HC STD

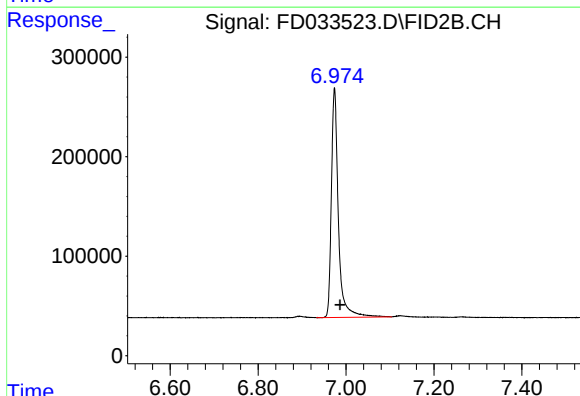
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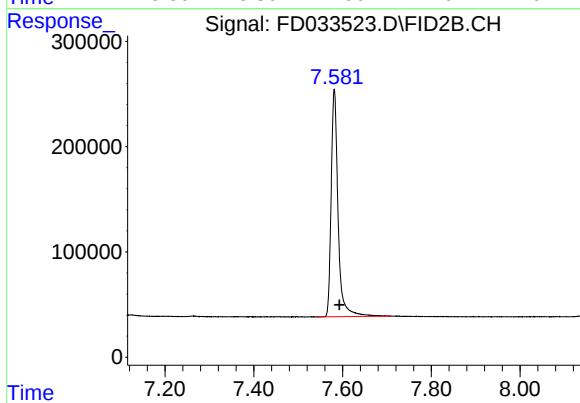
#2 Naphthalene (C11.7)

R.T.: 5.925 min
Delta R.T.: -0.010 min
Response: 2554624
Conc: 21.67 ug/ml



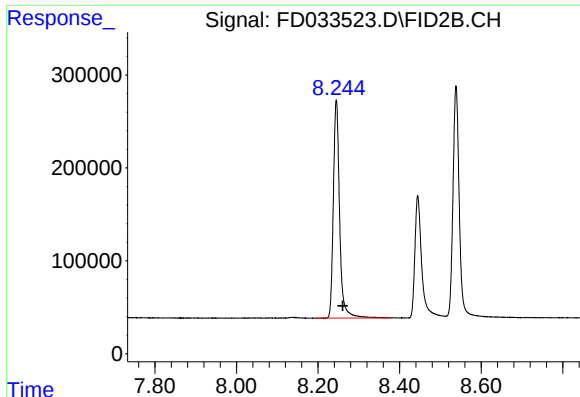
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.012 min
Response: 2547167
Conc: 21.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.012 min
Response: 2334262
Conc: 21.23 ug/ml



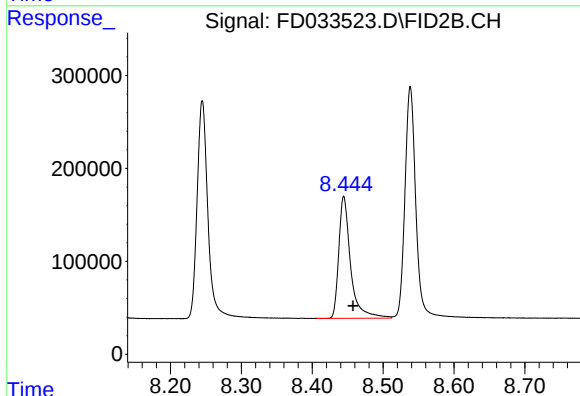
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: -0.016 min
Response: 2498022
Conc: 20.69 ug/ml

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20 PPM AROMATIC HC STD

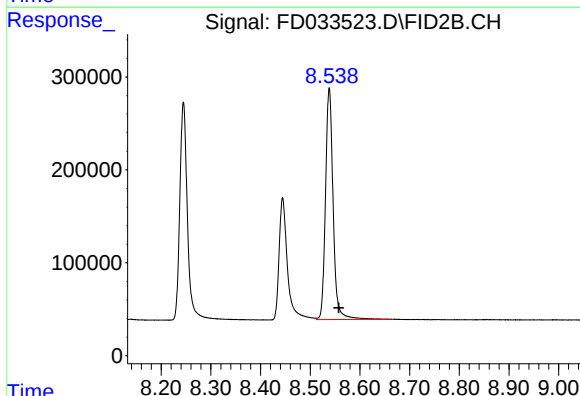
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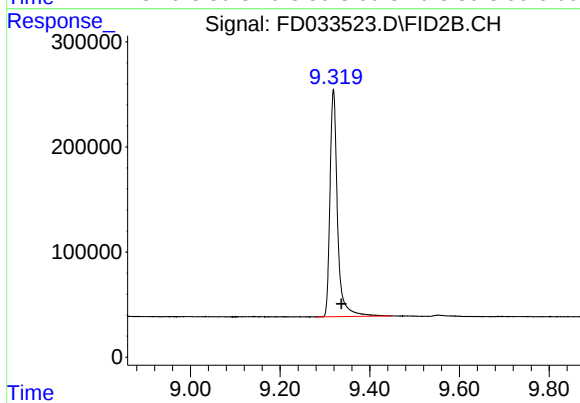
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.445 min
Delta R.T.: -0.013 min
Response: 1525139
Conc: 20.54 ug/ml



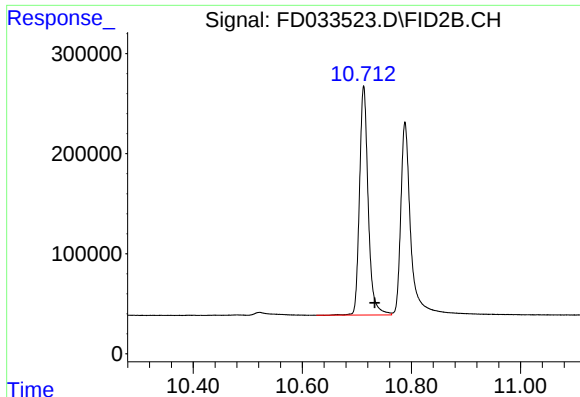
#7 Acenaphthene (C15.5)

R.T.: 8.538 min
Delta R.T.: -0.019 min
Response: 2664310
Conc: 21.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.319 min
Delta R.T.: -0.018 min
Response: 2522583
Conc: 20.60 ug/ml



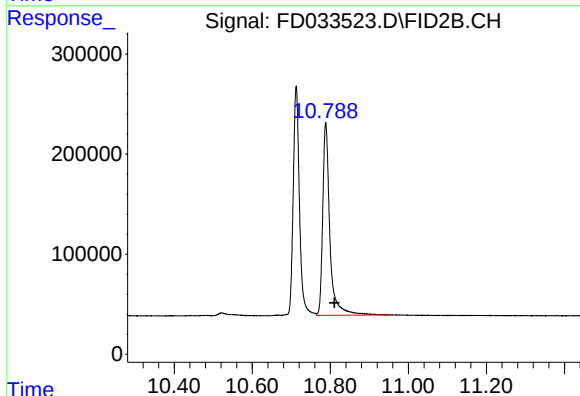
#9 Phenanthrene (C19.36)

R.T.: 10.713 min
Delta R.T.: -0.020 min
Response: 2529785
Conc: 20.01 ug/ml

Instrument :
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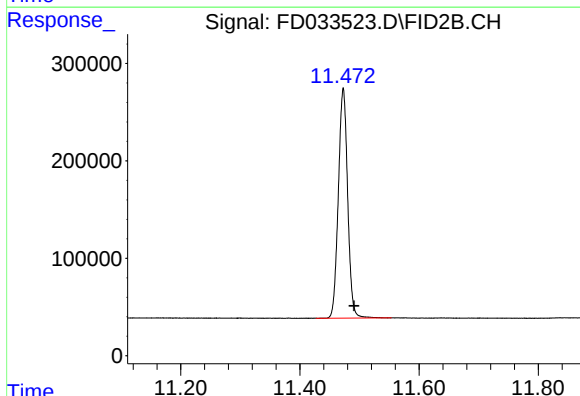
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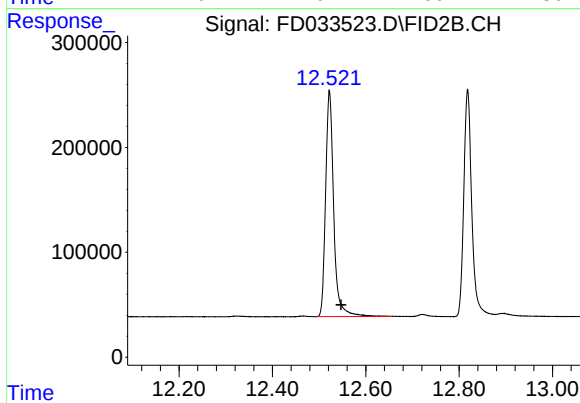
#10 Anthracene (C19.43)

R.T.: 10.788 min
Delta R.T.: -0.022 min
Response: 2453683
Conc: 20.17 ug/ml



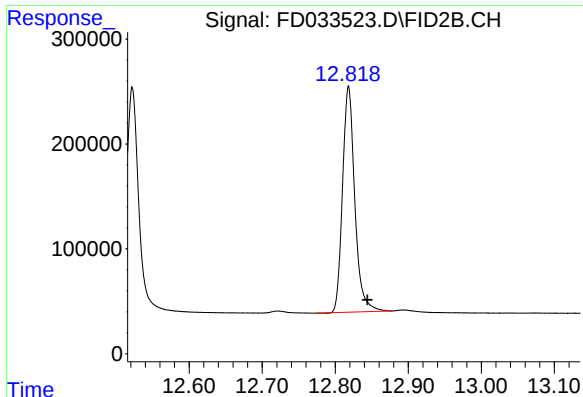
#11 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.018 min
Response: 2560987
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.522 min
Delta R.T.: -0.024 min
Response: 2598818
Conc: 20.06 ug/ml



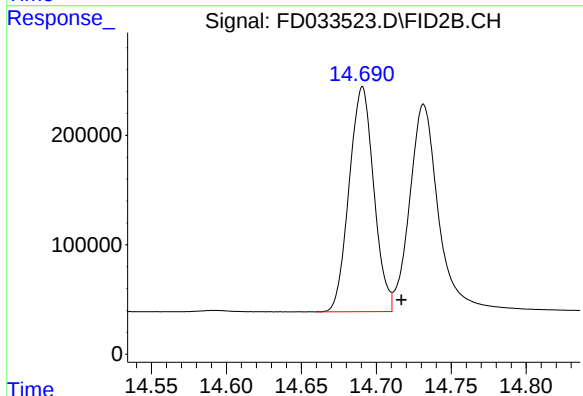
#13 Pyrene (C20.8)

R.T.: 12.818 min
Delta R.T.: -0.026 min
Response: 2507737
Conc: 19.41 ug/ml

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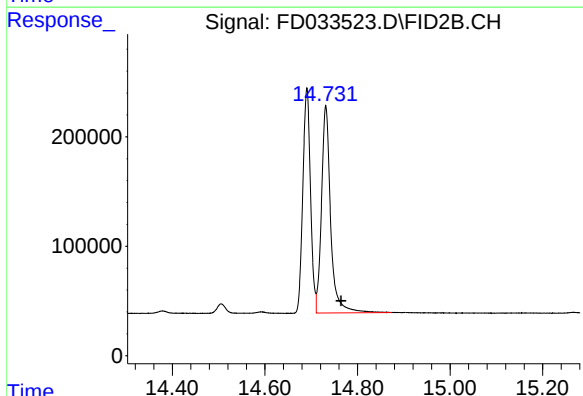
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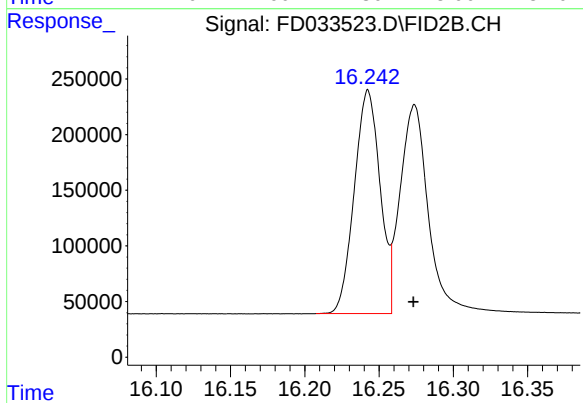
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.690 min
Delta R.T.: -0.026 min
Response: 2351450
Conc: 19.25 ug/ml m



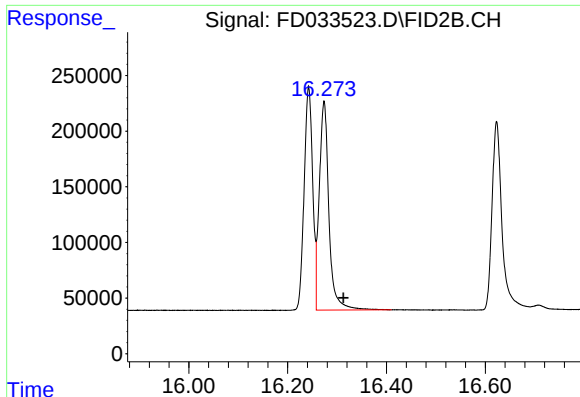
#15 Chrysene (C27.41)

R.T.: 14.732 min
Delta R.T.: -0.033 min
Response: 2610369
Conc: 20.27 ug/ml



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

R.T.: 16.242 min
Delta R.T.: -0.031 min
Response: 2429636
Conc: 19.53 ug/ml m



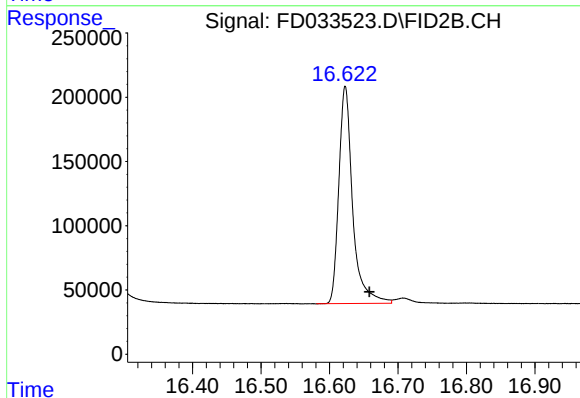
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.274 min
Delta R.T.: -0.039 min
Response: 2552355
Conc: 19.82 ug/ml

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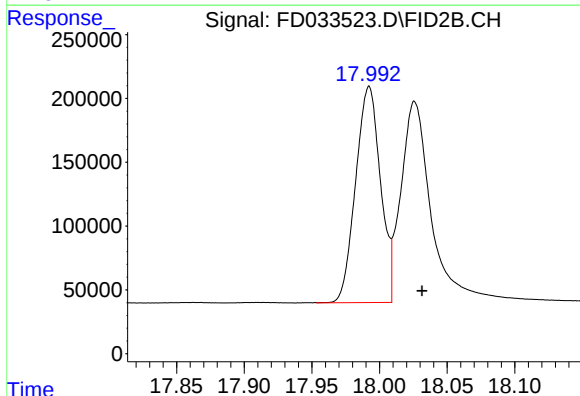
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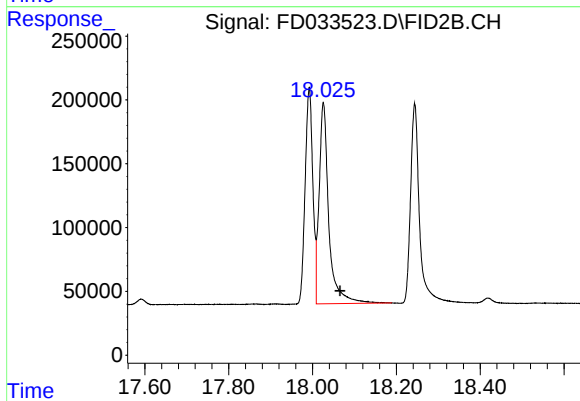
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.035 min
Response: 2370026
Conc: 19.19 ug/ml



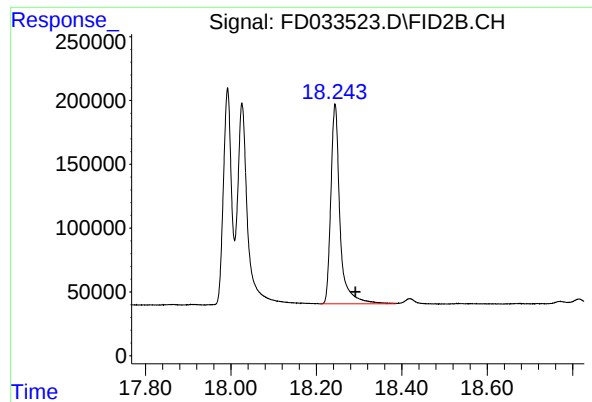
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: -0.040 min
Response: 2167179
Conc: 18.27 ug/ml m



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

R.T.: 18.026 min
Delta R.T.: -0.040 min
Response: 2531696
Conc: 20.48 ug/ml



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

R.T.: 18.244 min
Delta R.T.: -0.047 min
Response: 2331037
Conc: 19.32 ug/ml

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