

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042920AR\
 Data File : FD033271.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2020 10:58
 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

mohammad
 4/30/2020 8:20:48 AM

Integration File: autoint1.e
 Quant Time: Apr 29 12:20:53 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...	7.592	2488011	16.957 ug/ml
Spiked Amount 50.000		Recovery =	33.91%
6) S 2-Fluorobiphenyl (SURR)	8.454	1609348	16.496 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.99%
11) S ortho-Terphenyl (SURR)	11.486	2554720	15.986 ug/ml
Spiked Amount 50.000		Recovery =	31.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.399	2779292	17.893 ug/mlm
2) T Naphthalene (C11.7)	5.935	2780165	17.039 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	2703763	16.755 ug/ml
5) T Acenaphthylene (C15.06)	8.257	2535464	16.390 ug/ml
7) T Acenaphthene (C15.5)	8.551	2679232	16.650 ug/ml
8) T Flouorene (C16.55)	9.331	2542101	16.352 ug/ml
9) T Phenanthrene (C19.36)	10.725	2455314	15.675 ug/ml
10) T Anthracene (C19.43)	10.800	2311649	15.177 ug/mlm
12) T Fluoranthene (C21.85)	12.536	2423735	15.379 ug/ml
13) T Pyrene (C20.8)	12.832	2399126	15.363 ug/ml
14) T Benzo[a]anthracene (C...	14.703	2290365	16.090 ug/mlm
15) T Chrysene (C27.41)	14.745	2394846	16.230 ug/ml
16) T benzo[b]fluoranthene ...	16.256	2328311	17.059 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.288	2429107	17.649 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.635	2393433	18.067 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2321182	19.230 ug/mlm
20) T Dibenz[a,h]anthracene...	18.039	2427139	19.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	2332737	19.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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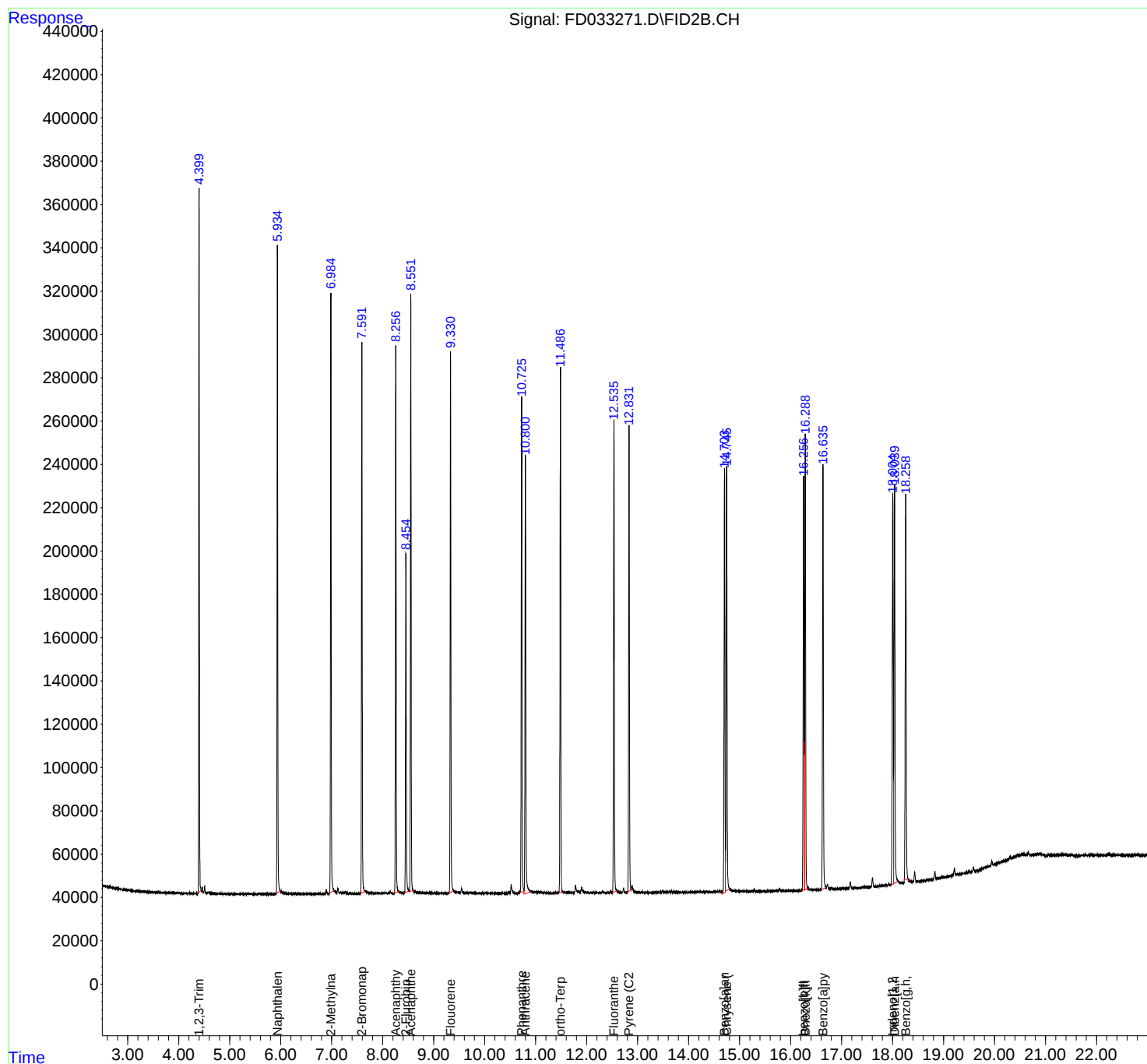
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20 PPM AROMATIC HC STD

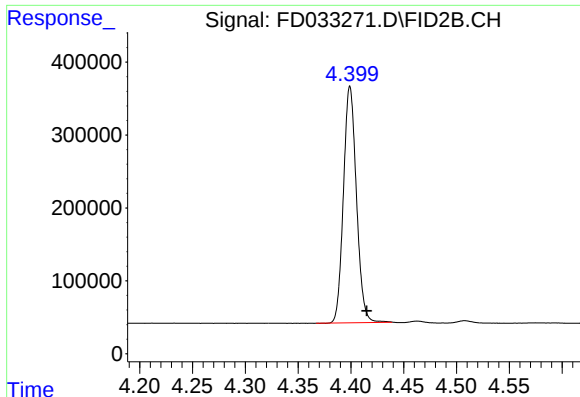
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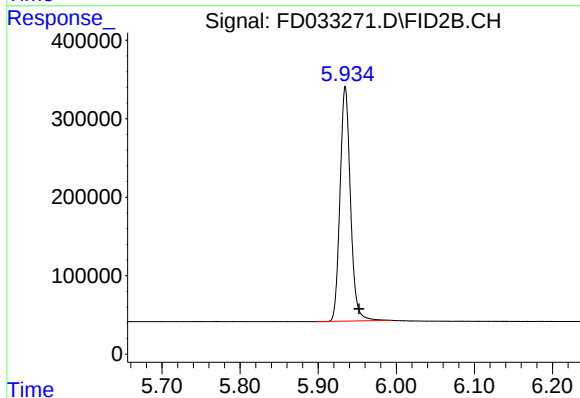
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.399 min
Delta R.T.: -0.016 min
Response: 2779292
Conc: 17.89 ug/ml m

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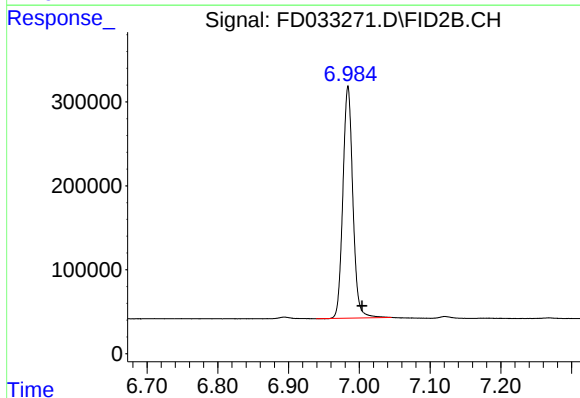
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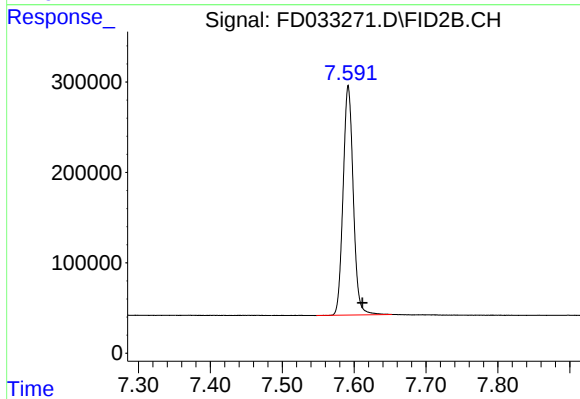
#2 Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.017 min
Response: 2780165
Conc: 17.04 ug/ml



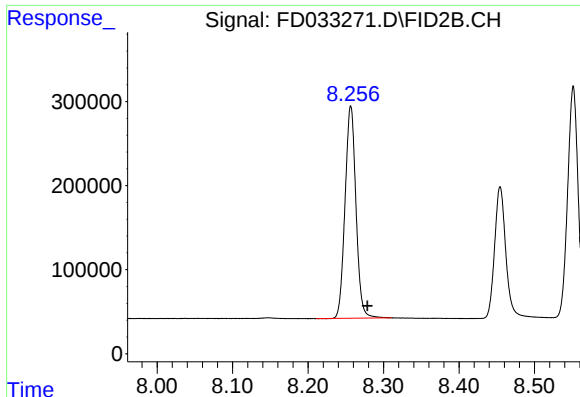
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: -0.020 min
Response: 2703763
Conc: 16.76 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.592 min
Delta R.T.: -0.020 min
Response: 2488011
Conc: 16.96 ug/ml



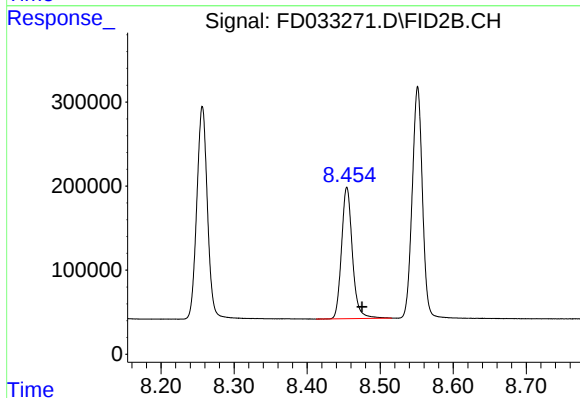
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: -0.022 min
Response: 2535464
Conc: 16.39 ug/ml

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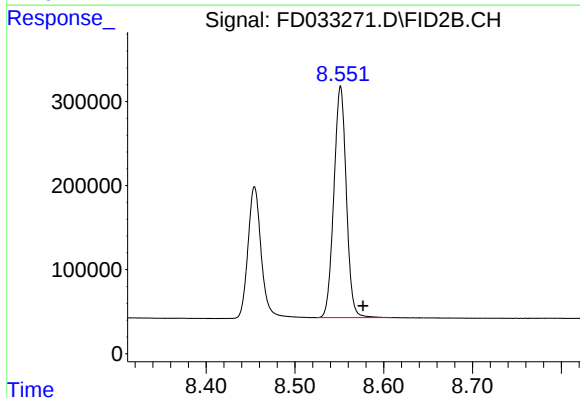
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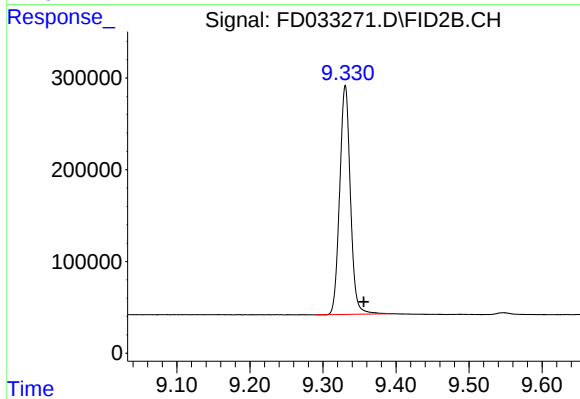
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min
Delta R.T.: -0.021 min
Response: 1609348
Conc: 16.50 ug/ml



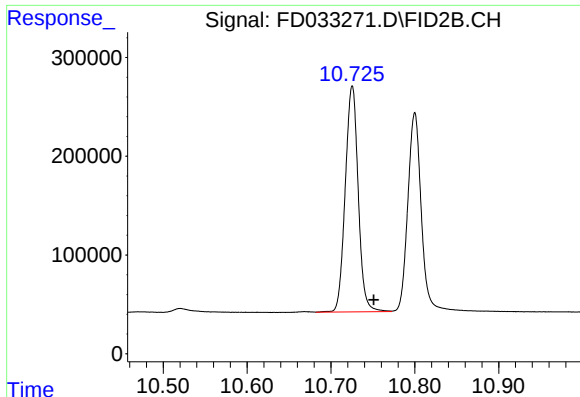
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.025 min
Response: 2679232
Conc: 16.65 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.025 min
Response: 2542101
Conc: 16.35 ug/ml



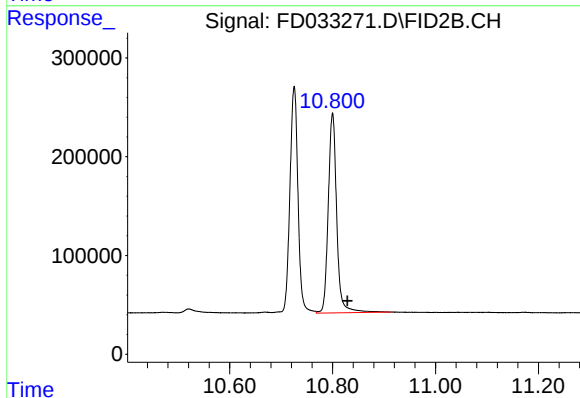
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: -0.026 min
Response: 2455314
Conc: 15.67 ug/ml

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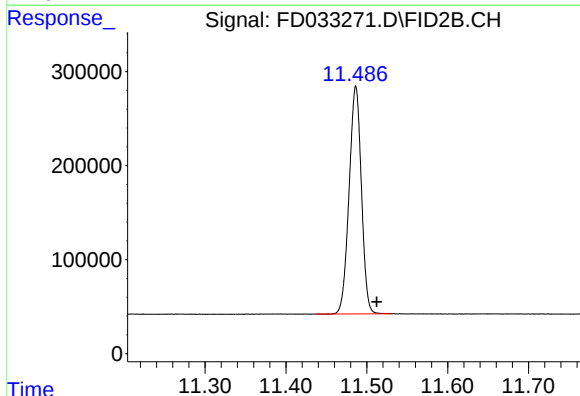
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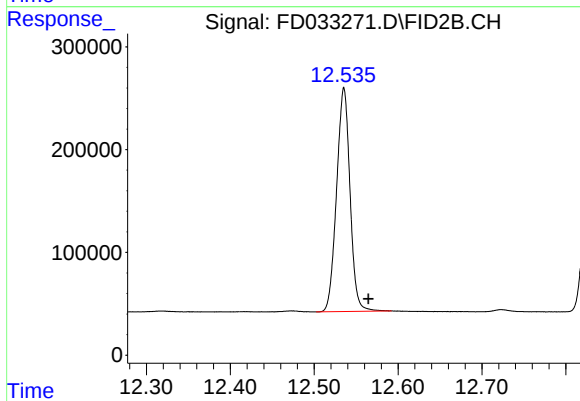
#10 Anthracene (C19.43)

R.T.: 10.800 min
Delta R.T.: -0.029 min
Response: 2311649
Conc: 15.18 ug/ml m



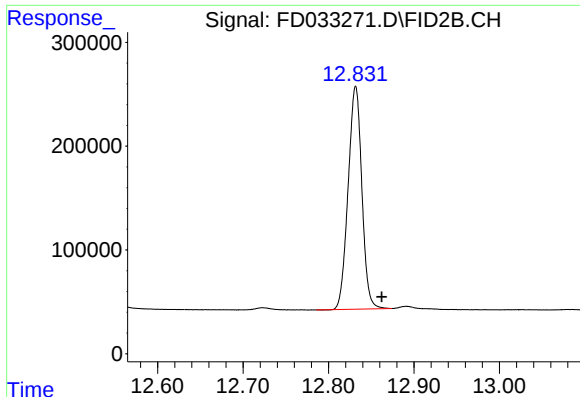
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: -0.026 min
Response: 2554720
Conc: 15.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.536 min
Delta R.T.: -0.029 min
Response: 2423735
Conc: 15.38 ug/ml



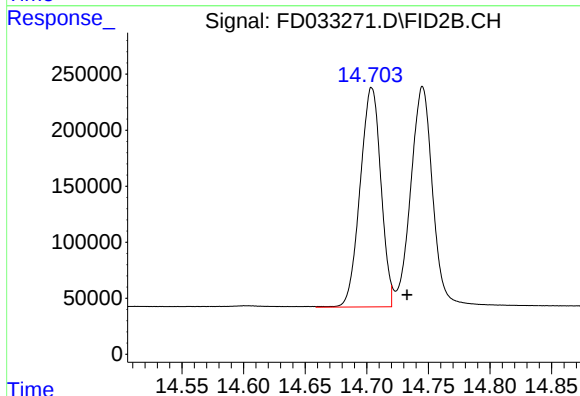
#13 Pyrene (C20.8)

R.T.: 12.832 min
Delta R.T.: -0.031 min
Response: 2399126
Conc: 15.36 ug/ml

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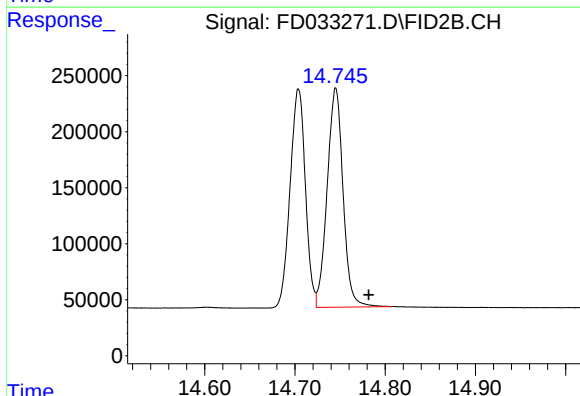
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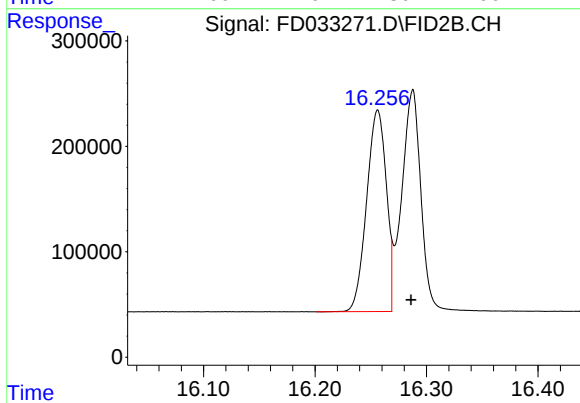
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: -0.030 min
Response: 2290365
Conc: 16.09 ug/ml m



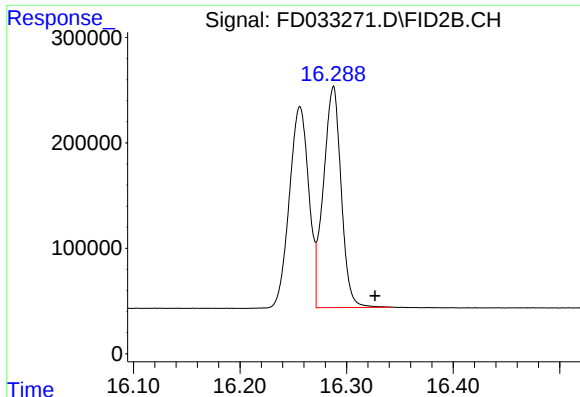
#15 Chrysene (C27.41)

R.T.: 14.745 min
Delta R.T.: -0.036 min
Response: 2394846
Conc: 16.23 ug/ml



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

R.T.: 16.256 min
Delta R.T.: -0.030 min
Response: 2328311
Conc: 17.06 ug/ml m



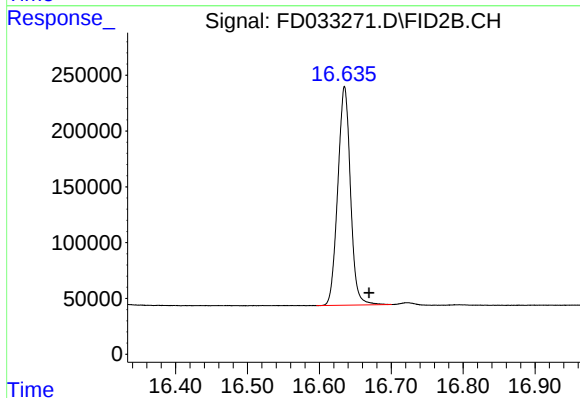
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.288 min
Delta R.T.: -0.039 min
Response: 2429107
Conc: 17.65 ug/ml

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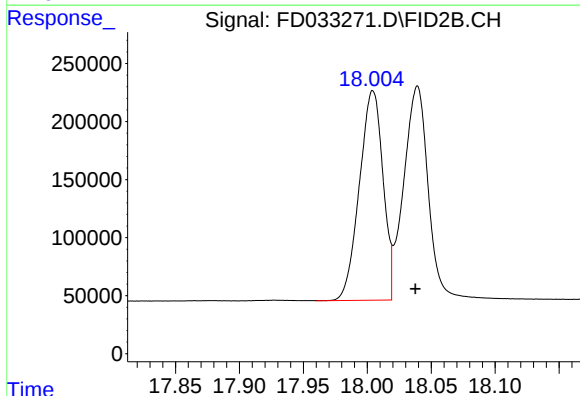
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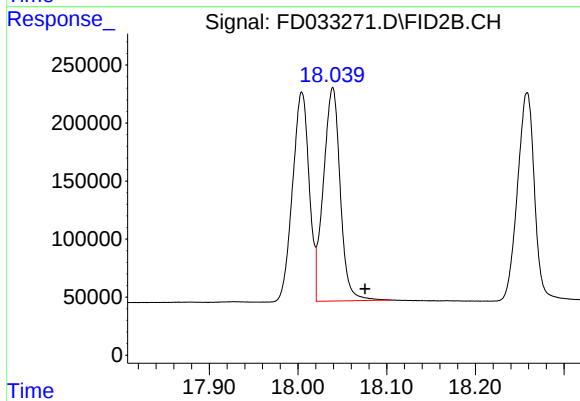
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.635 min
Delta R.T.: -0.034 min
Response: 2393433
Conc: 18.07 ug/ml



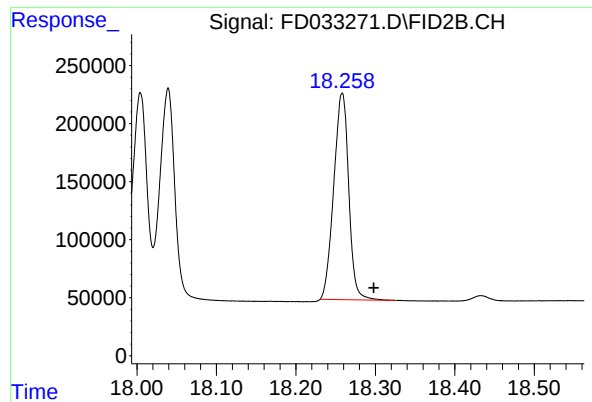
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: -0.034 min
Response: 2321182
Conc: 19.23 ug/ml m



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

R.T.: 18.039 min
Delta R.T.: -0.036 min
Response: 2427139
Conc: 19.37 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.040 min
Response: 2332737
Conc: 19.27 ug/ml

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