

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030420AR\
 Data File : FD032499.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2020 1:11
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 04:22:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.622	2734920	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.483	1875152	21.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.48%
11) S ortho-Terphenyl (SURR)	11.520	2853858	20.583 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	2844801	21.387 ug/ml
2) T Naphthalene (C11.7)	5.963	3034925	21.360 ug/ml
3) T 2-Methylnaphthalene (...)	7.013	3025406	21.313 ug/ml
5) T Acenaphthylene (C15.06)	8.286	2868128	20.967 ug/ml
7) T Acenaphthene (C15.5)	8.582	2979872	21.106 ug/ml
8) T Flouorene (C16.55)	9.361	2945923	21.015 ug/ml
9) T Phenanthrene (C19.36)	10.755	2915307	20.861 ug/ml
10) T Anthracene (C19.43)	10.829	2844062	20.314 ug/ml
12) T Fluoranthene (C21.85)	12.563	2878292	20.522 ug/ml
13) T Pyrene (C20.8)	12.860	2836431	20.629 ug/ml
14) T Benzo[a]anthracene (C...	14.731	2620730	20.084 ug/ml
15) T Chrysene (C27.41)	14.772	2673425	19.859 ug/ml
16) T benzo[b]fluoranthene ...	16.279	2512621	19.586 ug/ml
17) T Bnezo[k]fluoranthene ...	16.312	2539613	19.346 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.658	2470871	19.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.023	2253109	18.908 ug/ml
20) T Dibenz[a,h]anthracene...	18.062	2443595	19.326 ug/ml
21) T Benzo[g,h,i]perylene ...	18.277	2254076	19.067 ug/ml

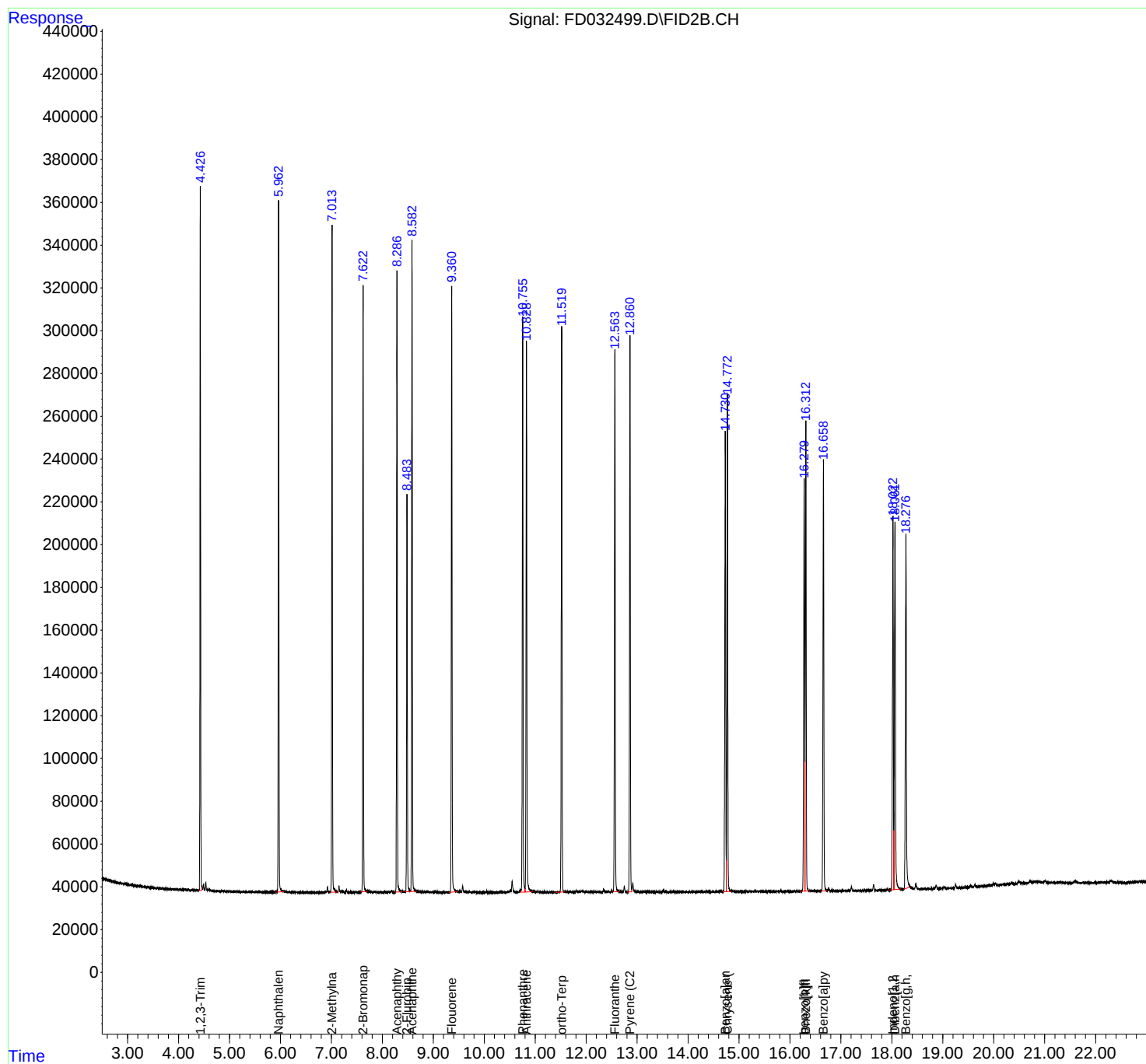
(f)=RT Delta > 1/2 Window

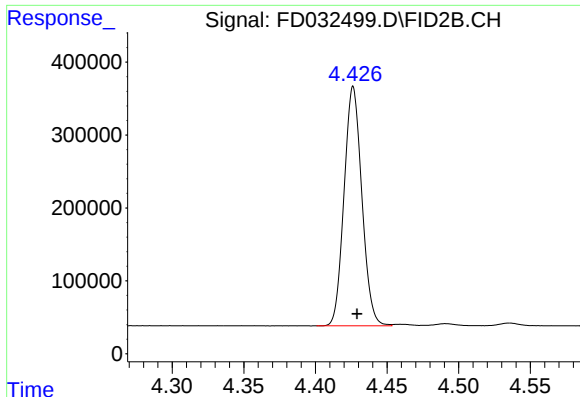
(m)=manual int.

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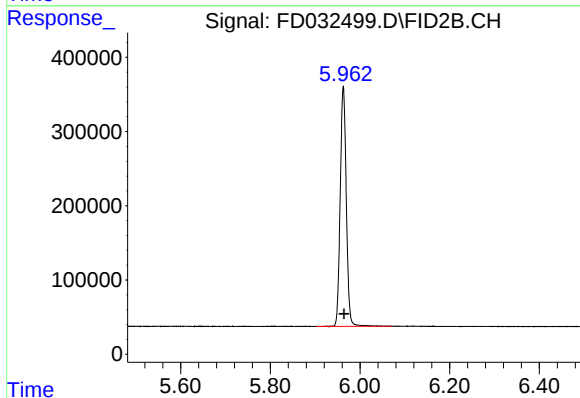
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





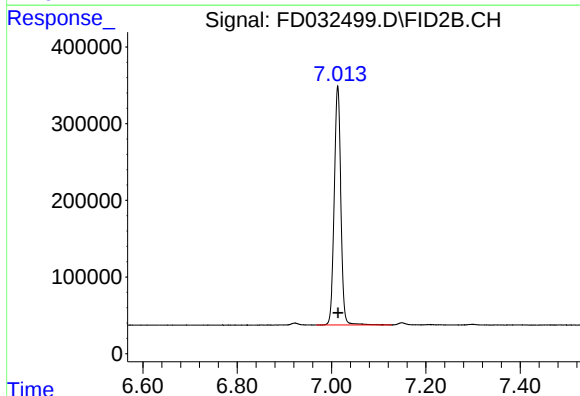
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 2844801
Conc: 21.39 ug/ml



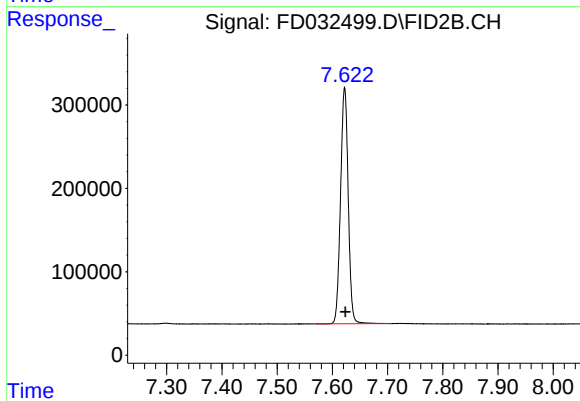
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 3034925
Conc: 21.36 ug/ml



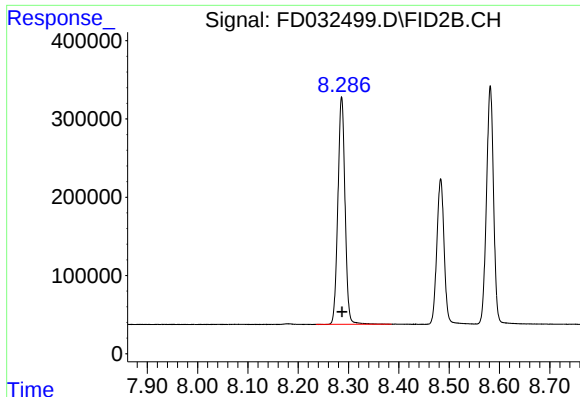
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 3025406
Conc: 21.31 ug/ml



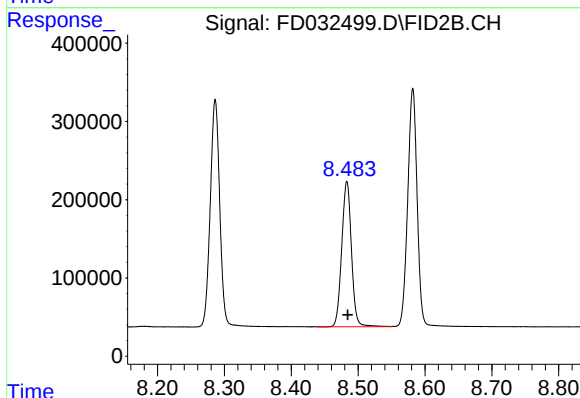
#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.001 min
Response: 2734920
Conc: 21.16 ug/ml



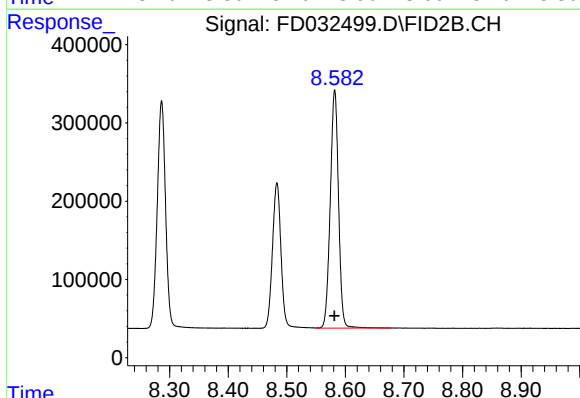
#5 Acenaphthylene (C15.06)

R.T.: 8.286 min
Delta R.T.: 0.000 min
Response: 2868128
Conc: 20.97 ug/ml



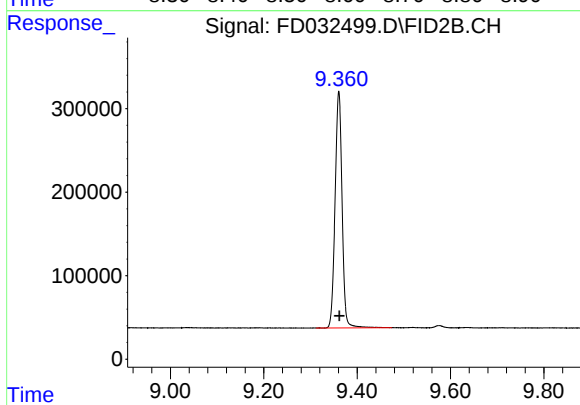
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.483 min
Delta R.T.: -0.001 min
Response: 1875152
Conc: 21.24 ug/ml



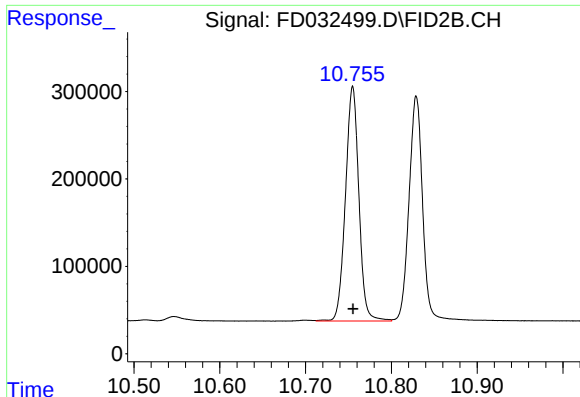
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 2979872
Conc: 21.11 ug/ml



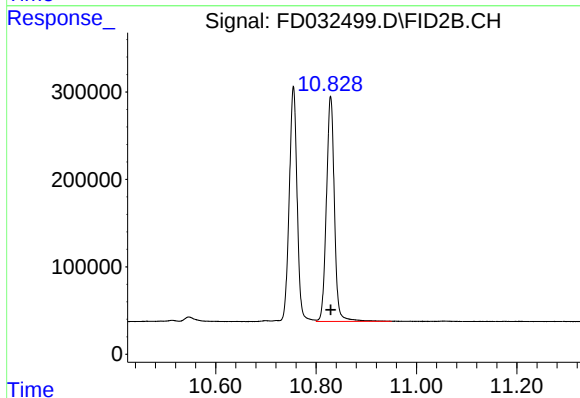
#8 Fluorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.000 min
Response: 2945923
Conc: 21.01 ug/ml



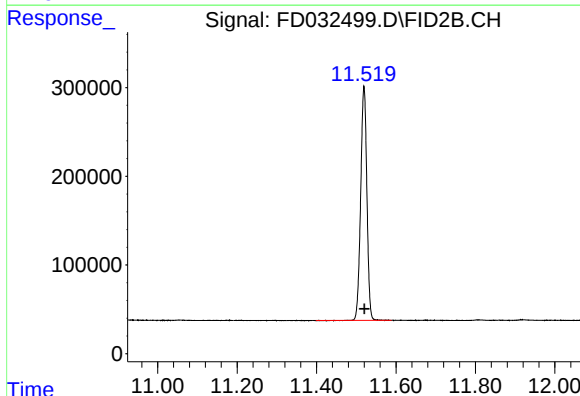
#9 Phenanthrene (C19.36)

R.T.: 10.755 min
Delta R.T.: 0.000 min
Response: 2915307
Conc: 20.86 ug/ml



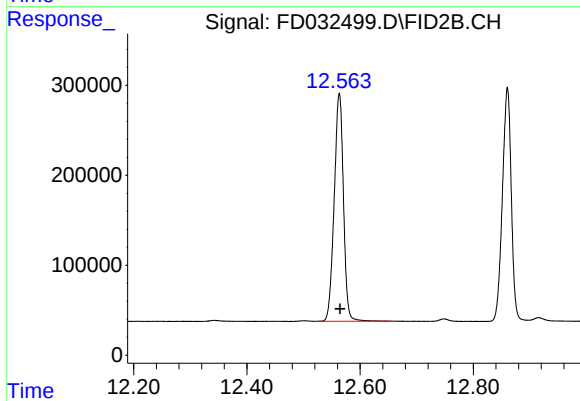
#10 Anthracene (C19.43)

R.T.: 10.829 min
Delta R.T.: 0.000 min
Response: 2844062
Conc: 20.31 ug/ml



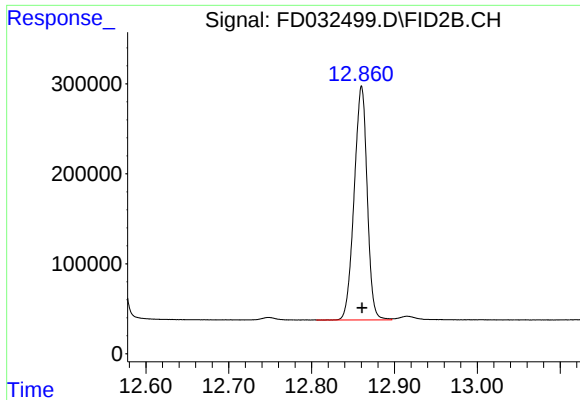
#11 ortho-Terphenyl (SURR)

R.T.: 11.520 min
Delta R.T.: -0.001 min
Response: 2853858
Conc: 20.58 ug/ml



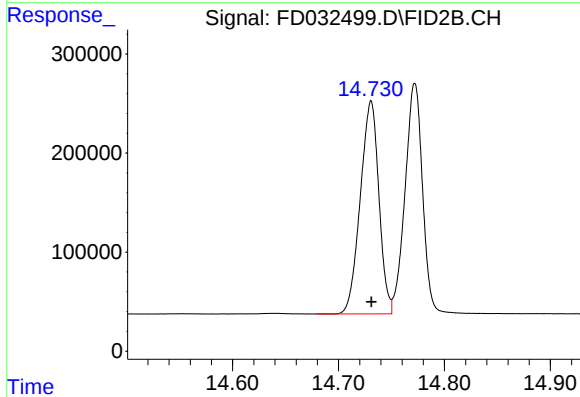
#12 Fluoranthene (C21.85)

R.T.: 12.563 min
Delta R.T.: -0.001 min
Response: 2878292
Conc: 20.52 ug/ml



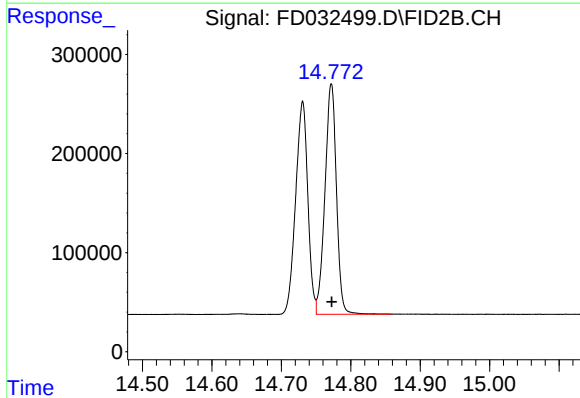
#13 Pyrene (C20.8)

R.T.: 12.860 min
Delta R.T.: 0.000 min
Response: 2836431
Conc: 20.63 ug/ml



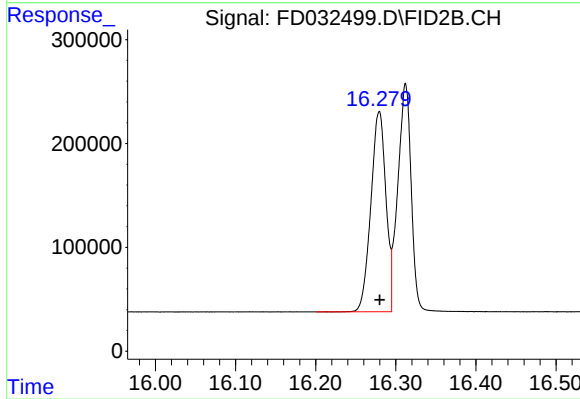
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.731 min
Delta R.T.: 0.000 min
Response: 2620730
Conc: 20.08 ug/ml



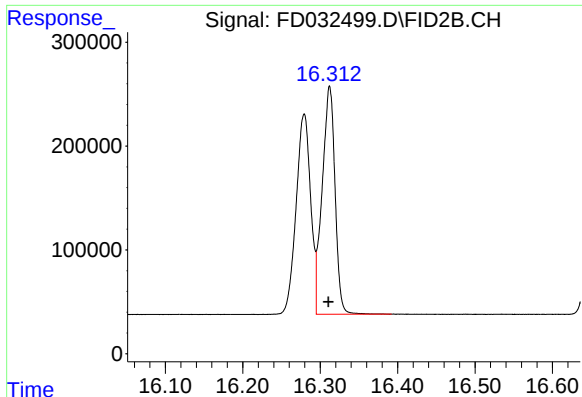
#15 Chrysene (C27.41)

R.T.: 14.772 min
Delta R.T.: 0.000 min
Response: 2673425
Conc: 19.86 ug/ml



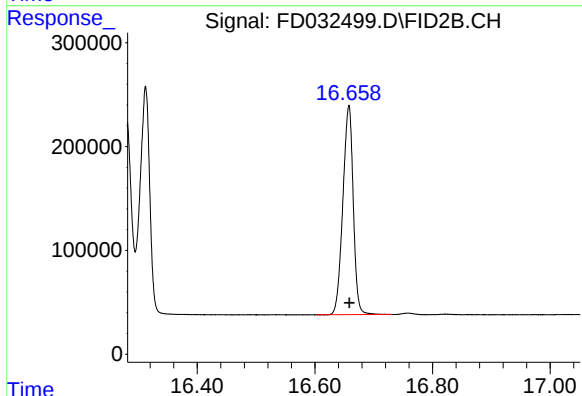
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.279 min
Delta R.T.: 0.000 min
Response: 2512621
Conc: 19.59 ug/ml



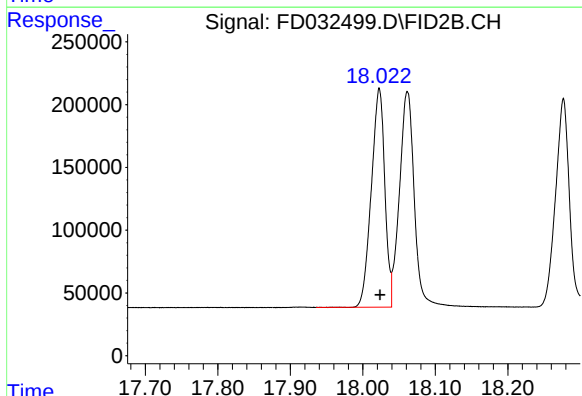
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.312 min
Delta R.T.: 0.002 min
Response: 2539613
Conc: 19.35 ug/ml



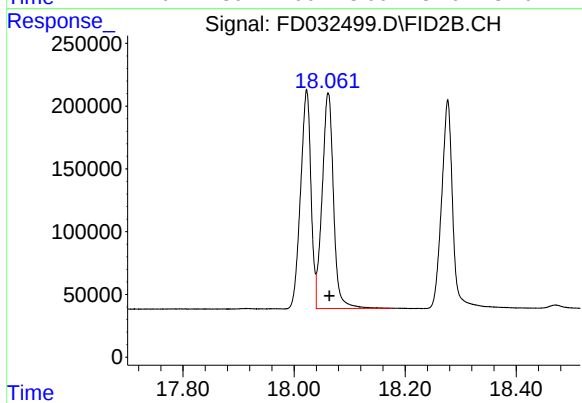
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.658 min
Delta R.T.: -0.001 min
Response: 2470871
Conc: 19.40 ug/ml



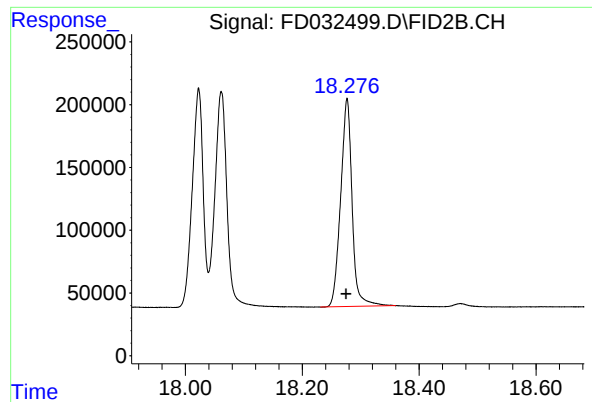
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min
Delta R.T.: -0.001 min
Response: 2253109
Conc: 18.91 ug/ml



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

R.T.: 18.062 min
Delta R.T.: -0.002 min
Response: 2443595
Conc: 19.33 ug/ml



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

R.T.: 18.277 min
Delta R.T.: 0.002 min
Response: 2254076
Conc: 19.07 ug/ml