

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012522AR\
 Data File : FD040774.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2022 19:43
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 09:05:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 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

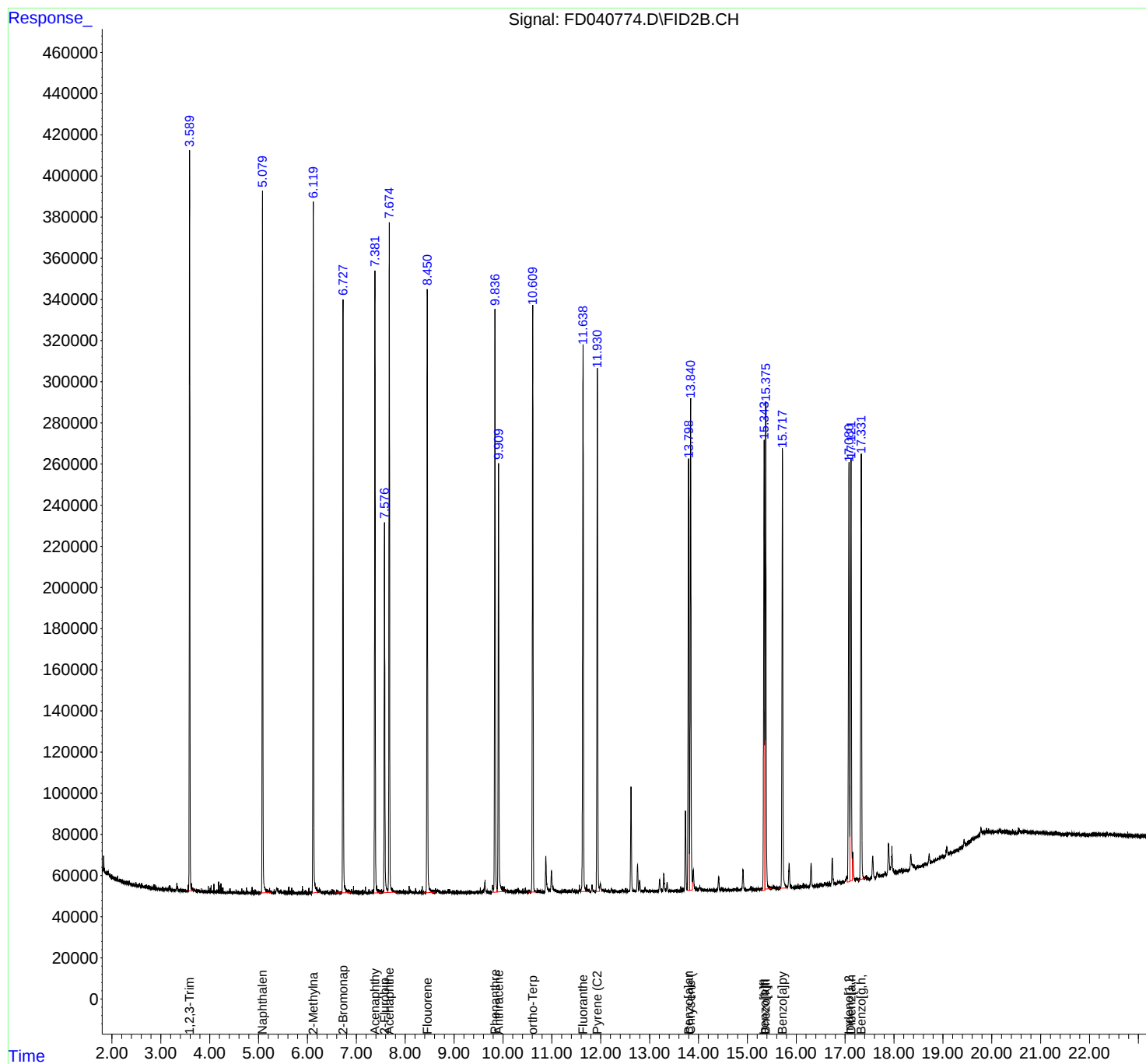
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.728	2881534	20.148 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
6) S 2-Fluorobiphenyl (SURR)	7.577	1894065	19.891 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	10.609	3056924	19.561 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.589	3172823	20.512 ug/ml
2) T Naphthalene (C11.7)	5.080	3269104	20.426 ug/ml
3) T 2-Methylnaphthalene (...)	6.119	3268404	20.135 ug/ml
5) T Acenaphthylene (C15.06)	7.381	2993215	19.912 ug/ml
7) T Acenaphthene (C15.5)	7.674	3242487	20.117 ug/ml
8) T Fluorene (C16.55)	8.451	3121716	20.084 ug/ml
9) T Phenanthrene (C19.36)	9.836	3023167	19.651 ug/ml
10) T Anthracene (C19.43)	9.910	2358069	16.140 ug/ml
12) T Fluoranthene (C21.85)	11.638	3048455	19.633 ug/ml
13) T Pyrene (C20.8)	11.930	2912737	19.297 ug/ml
14) T Benzo[a]anthracene (C...	13.798	2618262	19.736 ug/mlm
15) T Chrysene (C27.41)	13.840	2923960	19.995 ug/ml
16) T benzo[b]fluoranthene ...	15.343	2860723	20.936 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.374	2965567	21.424 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.717	2700715	20.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.079	2717325	22.300 ug/ml
20) T Dibenz[a,h]anthracene...	17.121	2700599	22.202 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.331	2771976	21.588 ug/ml

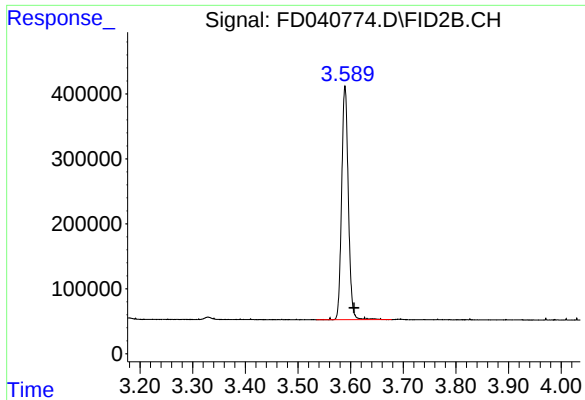
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
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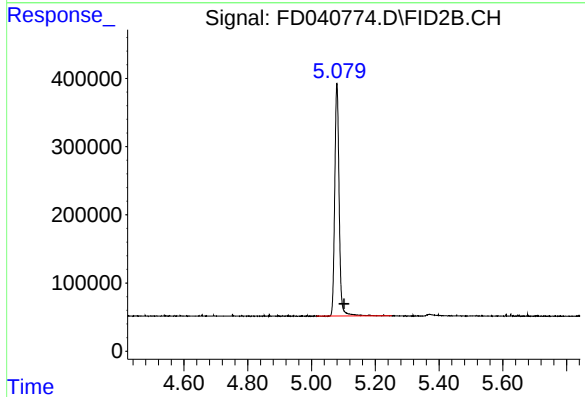
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





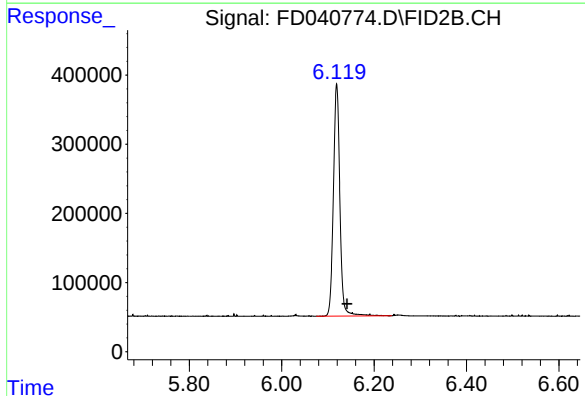
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.589 min
Delta R.T.: -0.018 min
Response: 3172823
Conc: 20.51 ug/ml



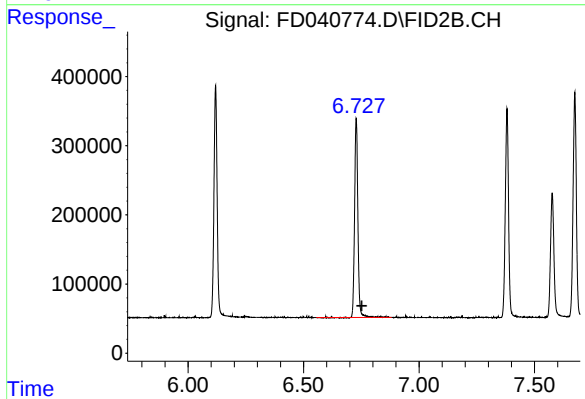
#2 Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.022 min
Response: 3269104
Conc: 20.43 ug/ml



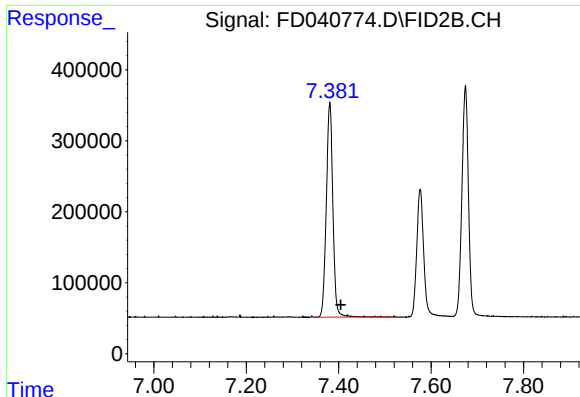
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.023 min
Response: 3268404
Conc: 20.14 ug/ml



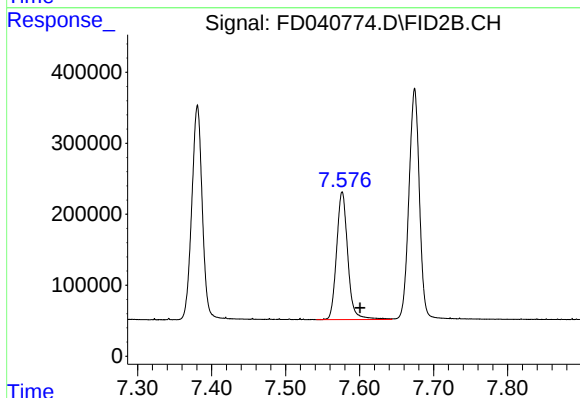
#4 2-Bromonaphthalene (SURR)

R.T.: 6.728 min
Delta R.T.: -0.025 min
Response: 2881534
Conc: 20.15 ug/ml



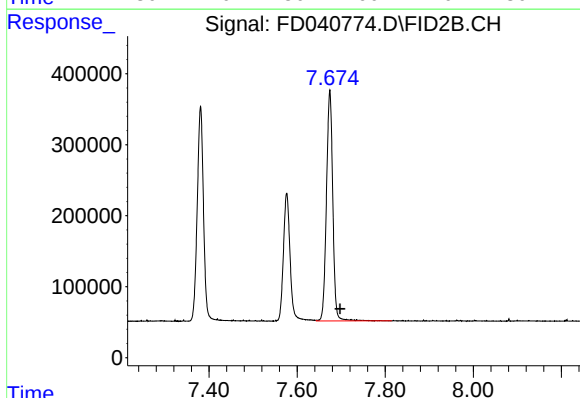
#5 Acenaphthylene (C15.06)

R.T.: 7.381 min
Delta R.T.: -0.024 min
Response: 2993215
Conc: 19.91 ug/ml



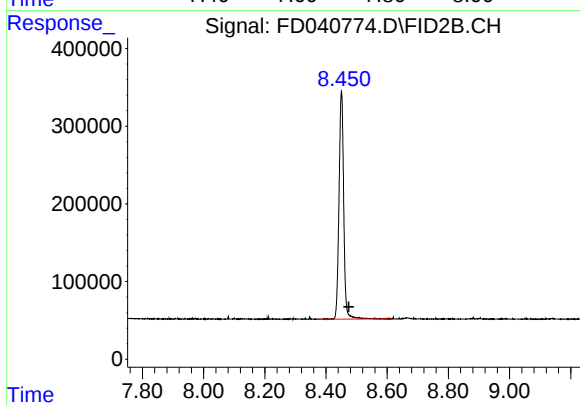
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.577 min
Delta R.T.: -0.024 min
Response: 1894065
Conc: 19.89 ug/ml



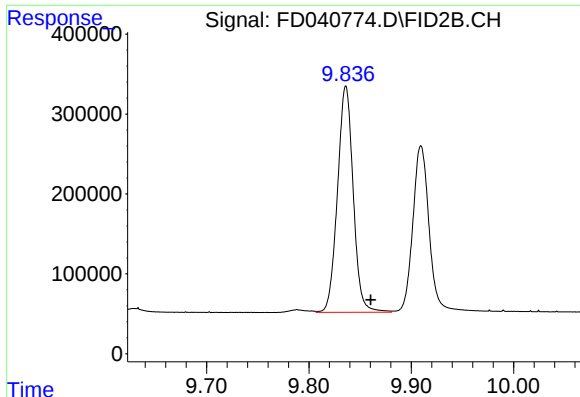
#7 Acenaphthene (C15.5)

R.T.: 7.674 min
Delta R.T.: -0.023 min
Response: 3242487
Conc: 20.12 ug/ml



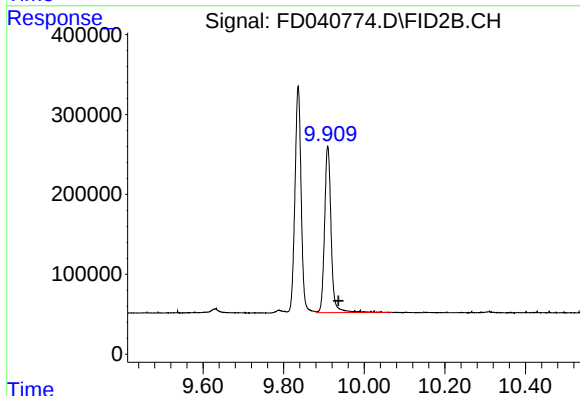
#8 Fluorene (C16.55)

R.T.: 8.451 min
Delta R.T.: -0.024 min
Response: 3121716
Conc: 20.08 ug/ml



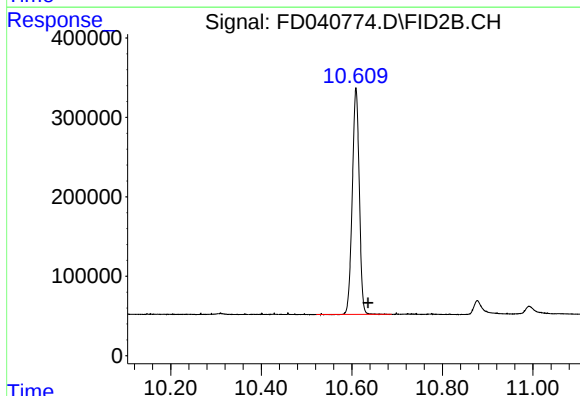
#9 Phenanthrene (C19.36)

R.T.: 9.836 min
Delta R.T.: -0.024 min
Response: 3023167
Conc: 19.65 ug/ml



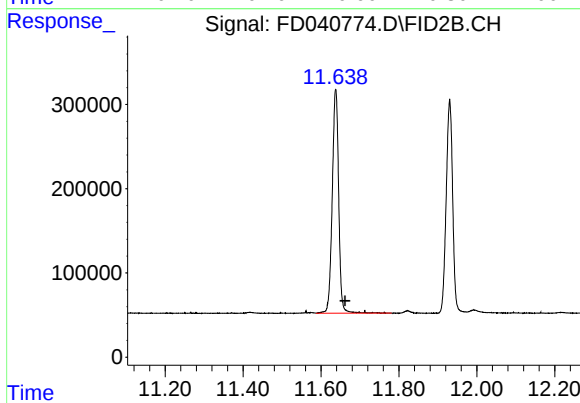
#10 Anthracene (C19.43)

R.T.: 9.910 min
Delta R.T.: -0.027 min
Response: 2358069
Conc: 16.14 ug/ml



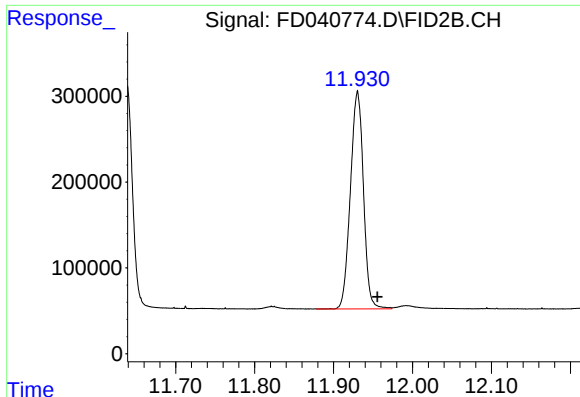
#11 ortho-Terphenyl (SURR)

R.T.: 10.609 min
Delta R.T.: -0.027 min
Response: 3056924
Conc: 19.56 ug/ml



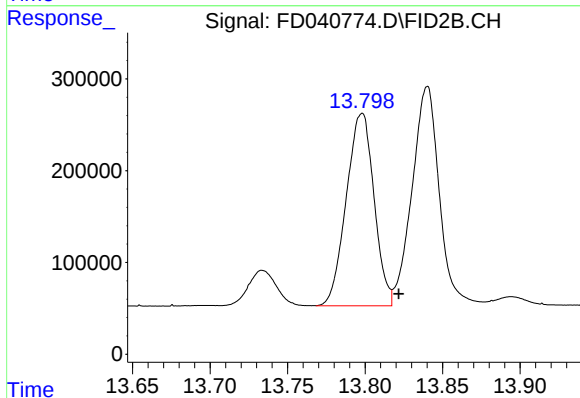
#12 Fluoranthene (C21.85)

R.T.: 11.638 min
Delta R.T.: -0.025 min
Response: 3048455
Conc: 19.63 ug/ml



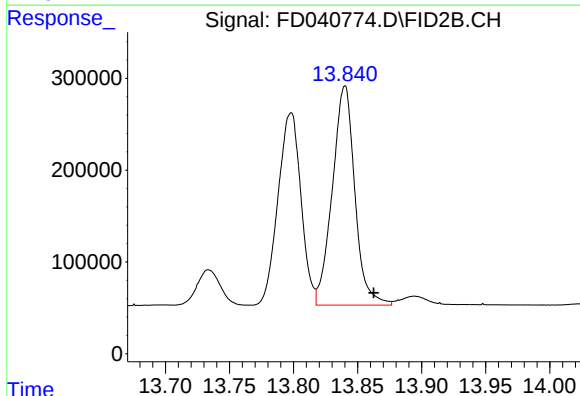
#13 Pyrene (C20.8)

R.T.: 11.930 min
Delta R.T.: -0.025 min
Response: 2912737
Conc: 19.30 ug/ml



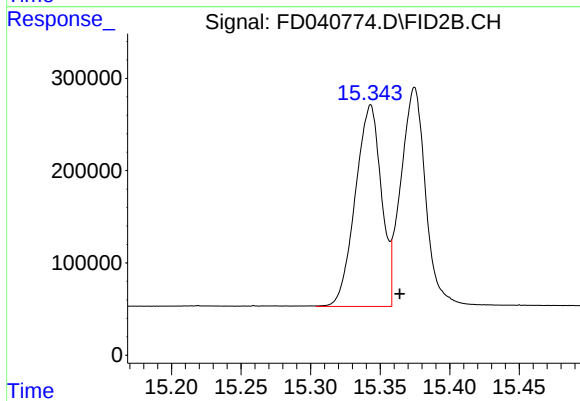
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.798 min
Delta R.T.: -0.024 min
Response: 2618262
Conc: 19.74 ug/ml m



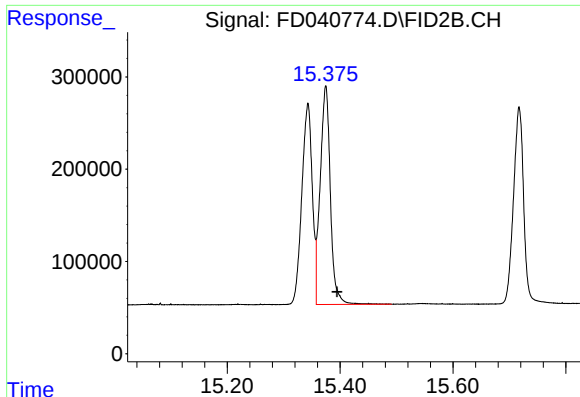
#15 Chrysene (C27.41)

R.T.: 13.840 min
Delta R.T.: -0.023 min
Response: 2923960
Conc: 19.99 ug/ml



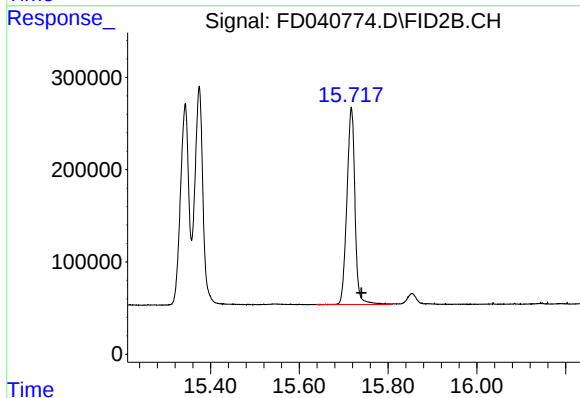
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.343 min
Delta R.T.: -0.021 min
Response: 2860723
Conc: 20.94 ug/ml m



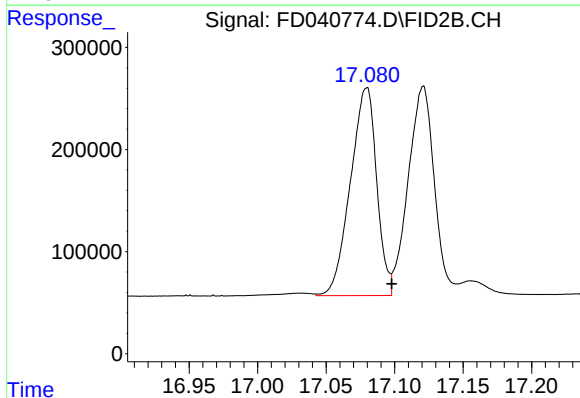
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.374 min
Delta R.T.: -0.020 min
Response: 2965567
Conc: 21.42 ug/ml



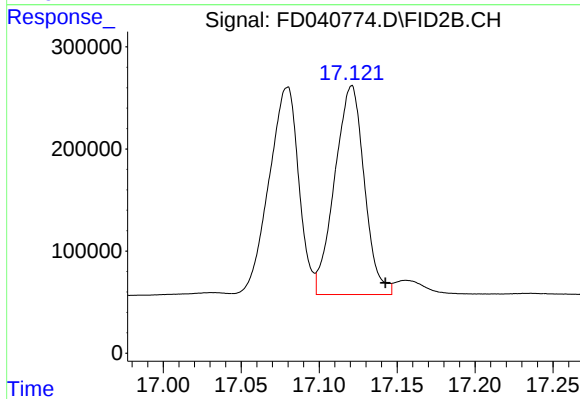
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.717 min
Delta R.T.: -0.023 min
Response: 2700715
Conc: 20.72 ug/ml



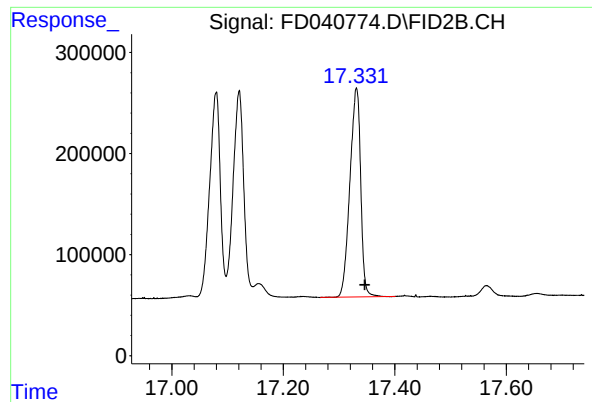
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.079 min
Delta R.T.: -0.019 min
Response: 2717325
Conc: 22.30 ug/ml



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

R.T.: 17.121 min
Delta R.T.: -0.021 min
Response: 2700599
Conc: 22.20 ug/ml m



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

R.T.: 17.331 min
Delta R.T.: -0.015 min
Response: 2771976
Conc: 21.59 ug/ml