

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\
 Data File : FD022574.D
 Signal(s) : FID2B.CH
 Acq On : 19 Mar 2018 23:00
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 20 07:28:29 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 022018.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 21 04:46:02 2018
 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...	7.324	1450866	17.318 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
6) S 2-Fluorobiphenyl (SURR)	8.185	878737	17.381 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.76%
11) S ortho-Terphenyl (SURR)	11.205	1741704	18.353 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.132	1658458	18.780 ug/ml
2) T Naphthalene (C11.7)	5.663	1589027	17.764 ug/ml
3) T 2-Methylnaphthalene (...)	6.713	1527901	16.823 ug/ml
5) T Acenaphthylene (C15.06)	7.979	1662541	17.360 ug/ml
7) T Acenaphthene (C15.5)	8.271	1771743	17.295 ug/ml
8) T Fluorene (C16.55)	9.054	1669453	17.805 ug/ml
9) T Phenanthrene (C19.36)	10.447	1716419	18.422 ug/ml
10) T Anthracene (C19.43)	10.524	1755011	18.508 ug/ml
12) T Fluoranthene (C21.85)	12.256	1850496	18.449 ug/ml
13) T Pyrene (C20.8)	12.551	1845076	18.161 ug/ml
14) T Benzo[alanthracene (C...	14.472	1875859	19.453 ug/ml
15) T Chrysene (C27.41)	14.472	1875859	17.380 ug/ml
16) T benzo[b]fluoranthene ...	16.018	1971575	19.612 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	1971575	17.375 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.372	1730350	16.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.778	2035550	21.365 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	2035550	17.913 ug/ml
21) T Benzo[a,h,i]pervlene ...	18.003	1260885	12.140 ug/ml

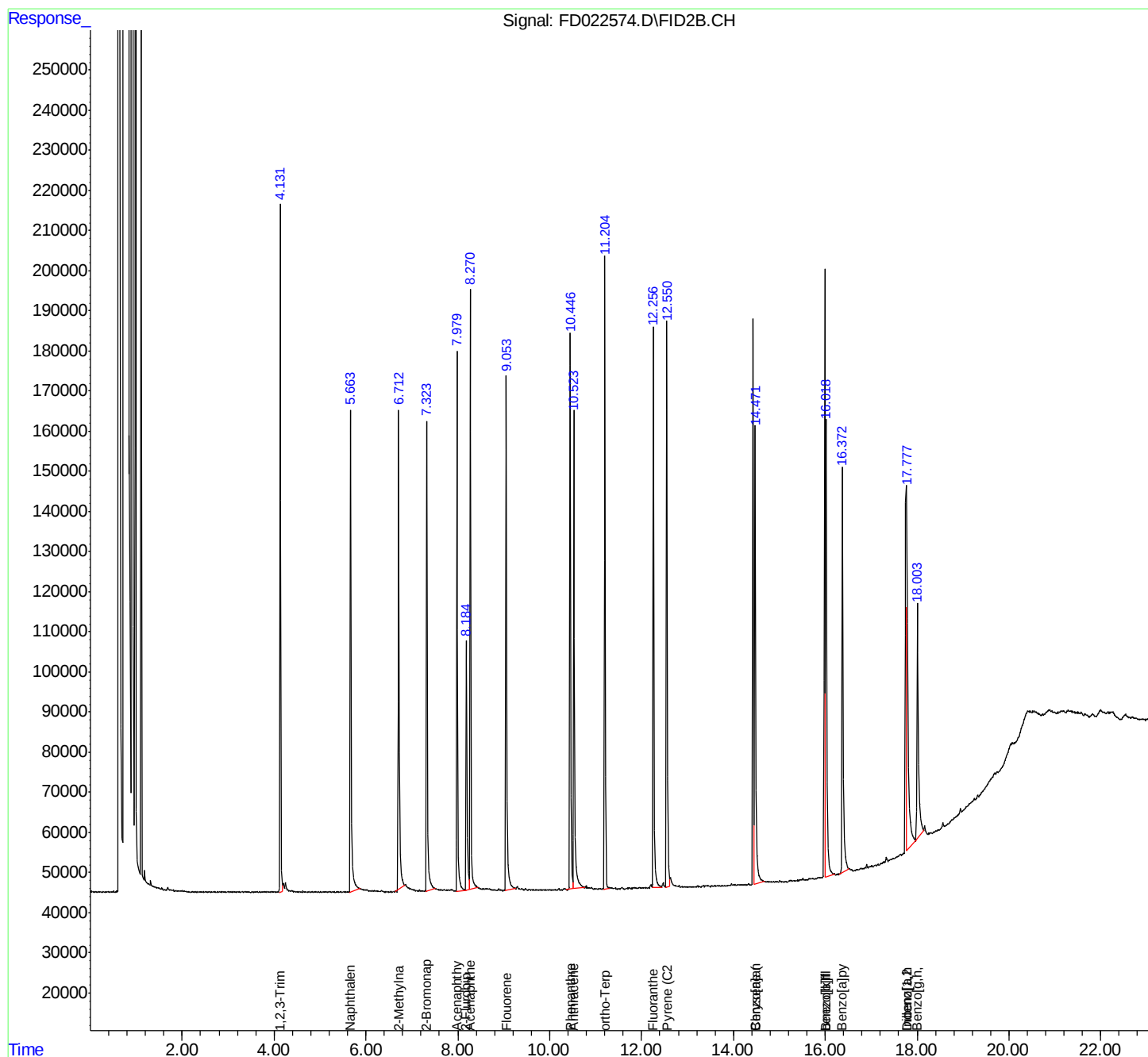
(f)=RT Delta > 1/2 Window

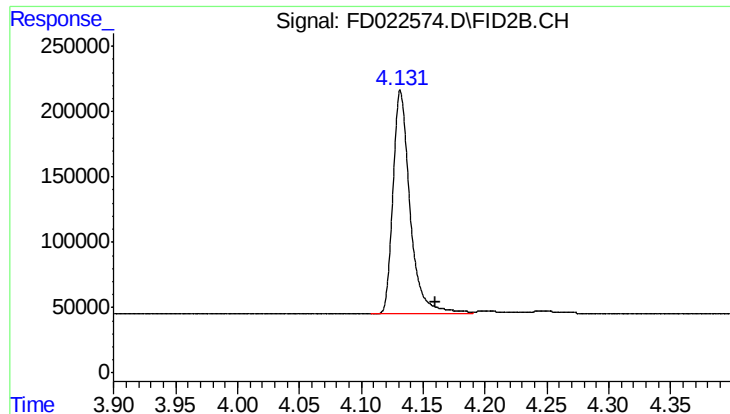
(m)=manual int.

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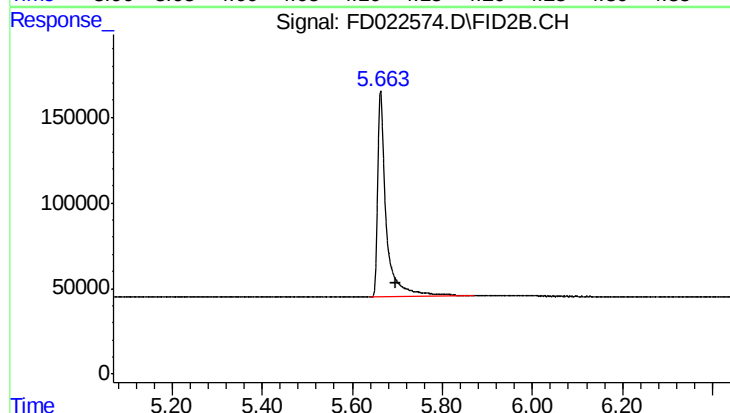
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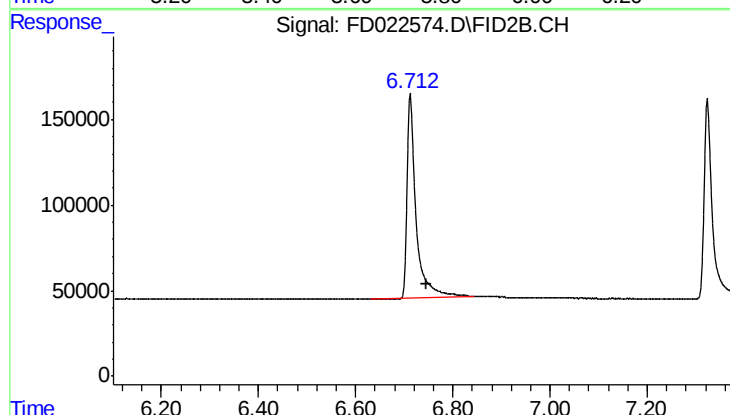
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.132 min
Delta R.T.: -0.028 min
Response: 1658458
Conc: 18.78 ug/ml



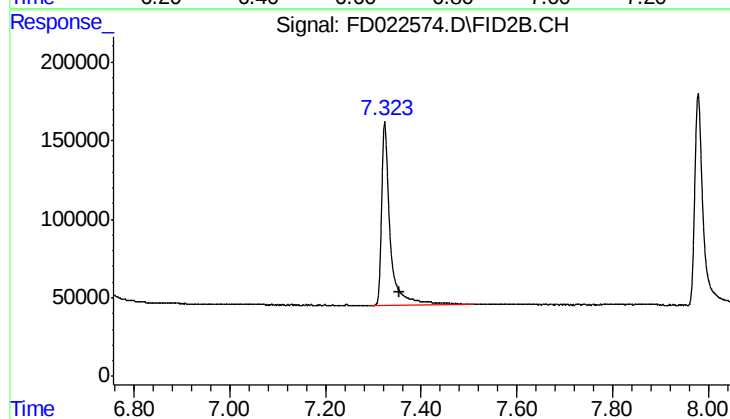
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: -0.033 min
Response: 1589027
Conc: 17.76 ug/ml



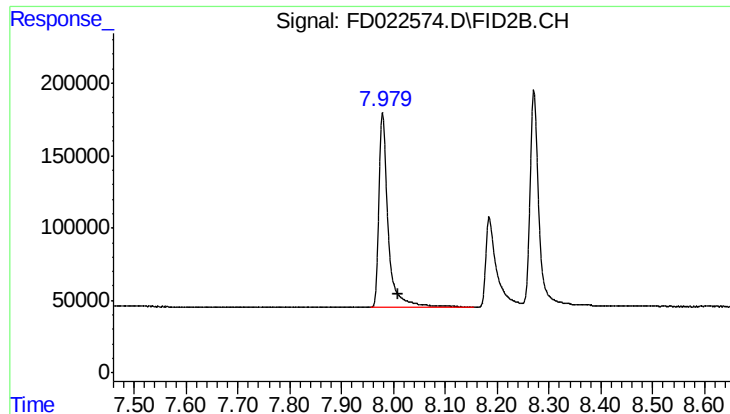
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.713 min
Delta R.T.: -0.033 min
Response: 1527901
Conc: 16.82 ug/ml



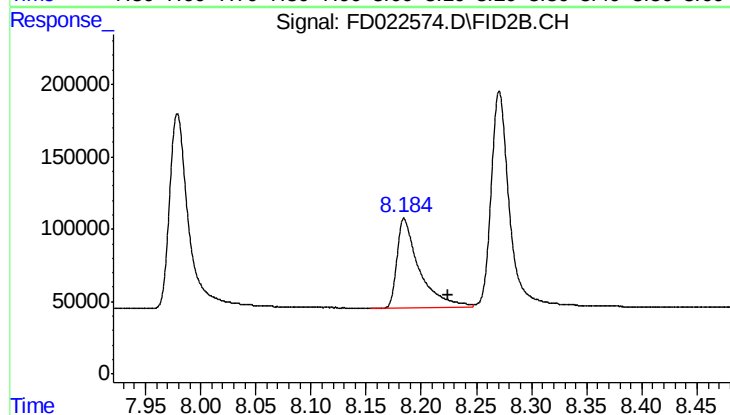
#4 2-Bromonaphthalene (SURR)

R.T.: 7.324 min
Delta R.T.: -0.032 min
Response: 1450866
Conc: 17.32 ug/ml



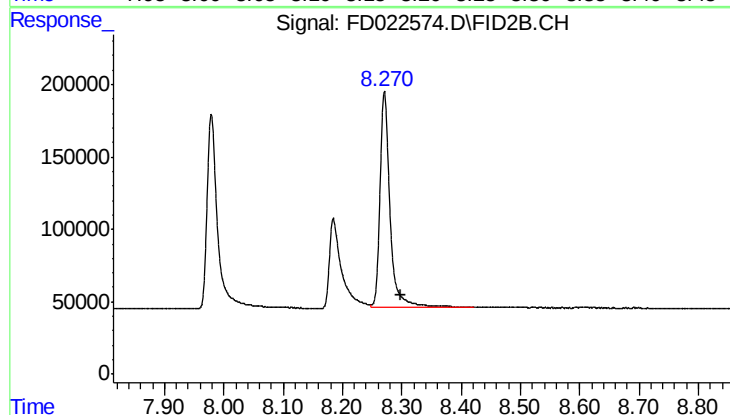
#5 Acenaphthylene (C15.06)

R.T.: 7.979 min
Delta R.T.: -0.030 min
Response: 1662541
Conc: 17.36 ug/ml



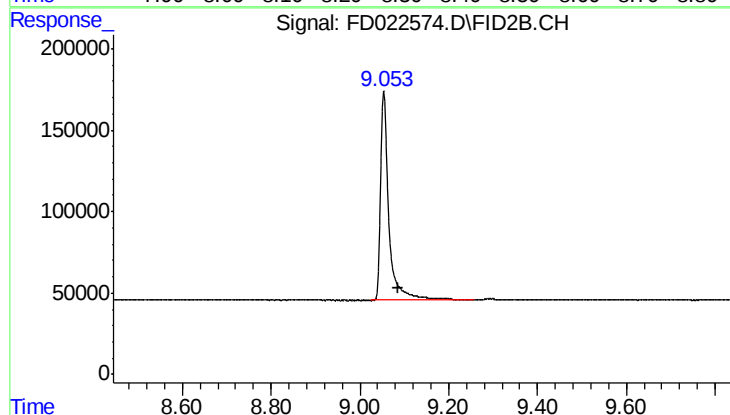
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.040 min
Response: 878737
Conc: 17.38 ug/ml



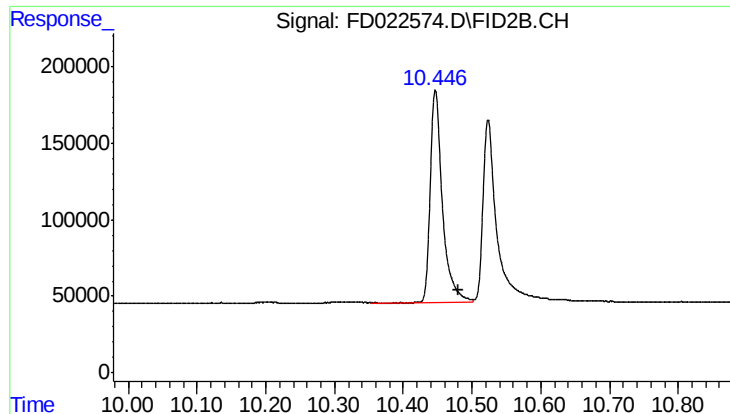
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.028 min
Response: 1771743
Conc: 17.30 ug/ml



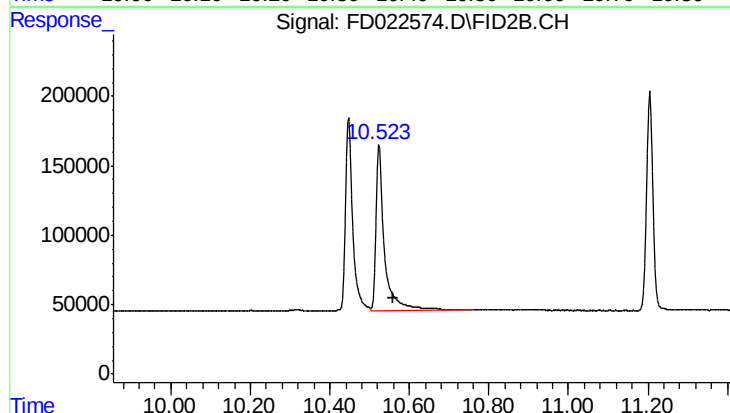
#8 Fluorene (C16.55)

R.T.: 9.054 min
Delta R.T.: -0.033 min
Response: 1669453
Conc: 17.80 ug/ml



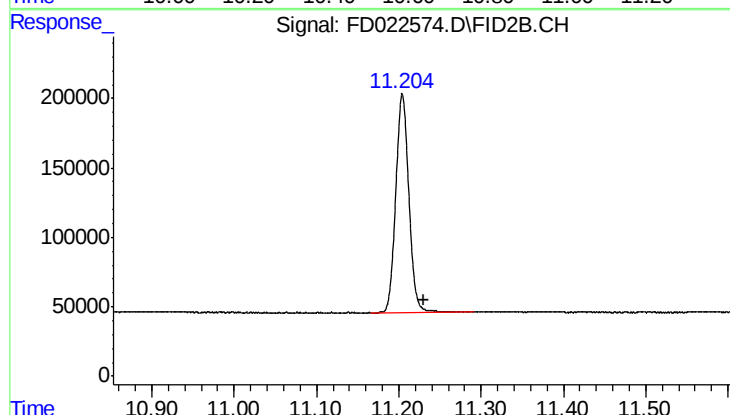
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.033 min
Response: 1716419
Conc: 18.42 ug/ml



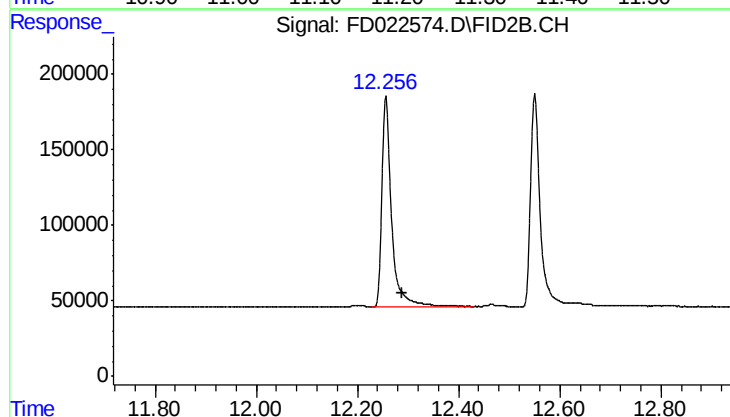
#10 Anthracene (C19.43)

R.T.: 10.524 min
Delta R.T.: -0.036 min
Response: 1755011
Conc: 18.51 ug/ml



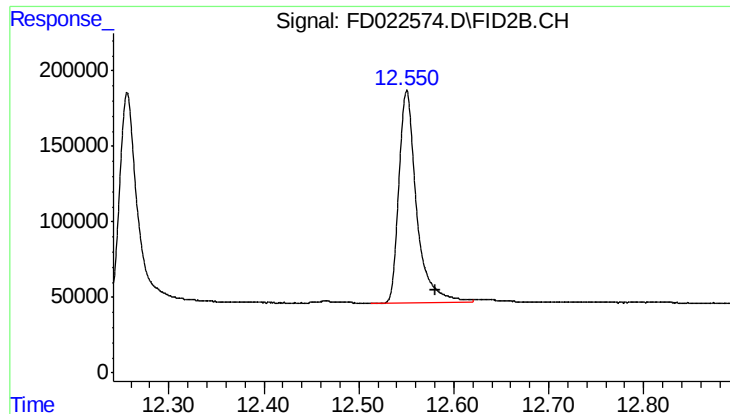
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.026 min
Response: 1741704
Conc: 18.35 ug/ml



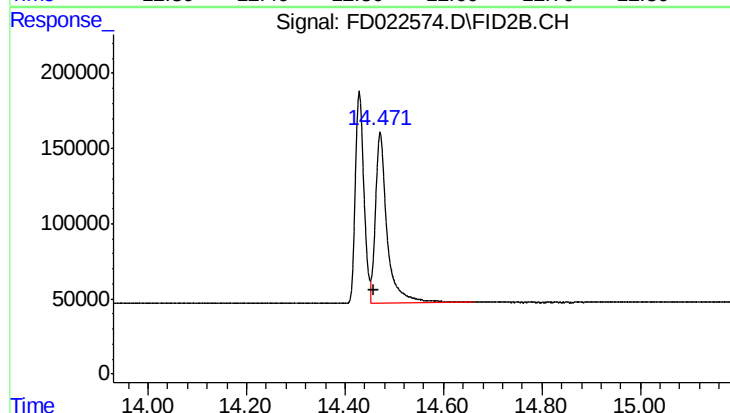
#12 Fluoranthene (C21.85)

R.T.: 12.256 min
Delta R.T.: -0.032 min
Response: 1850496
Conc: 18.45 ug/ml



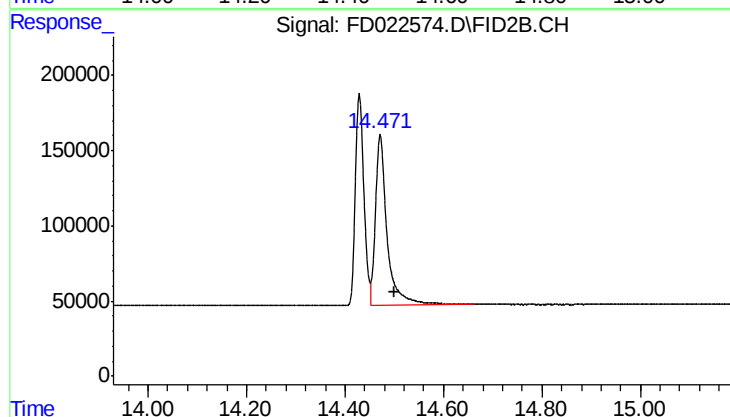
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: -0.030 min
Response: 1845076
Conc: 18.16 ug/ml



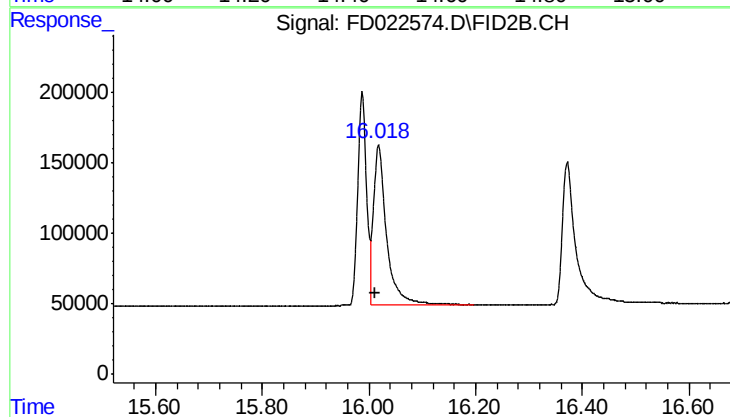
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.013 min
Response: 1875859
Conc: 19.45 ug/ml



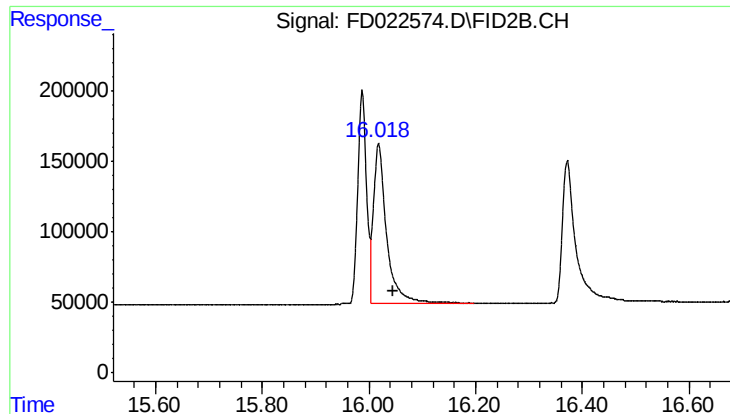
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: -0.029 min
Response: 1875859
Conc: 17.38 ug/ml



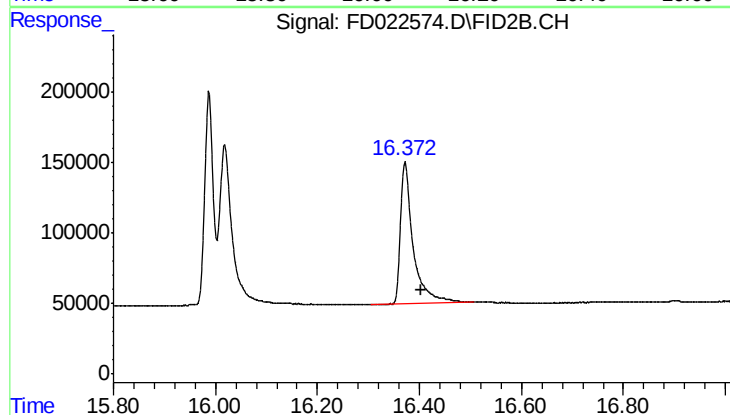
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.018 min
Delta R.T.: 0.006 min
Response: 1971575
Conc: 19.61 ug/ml



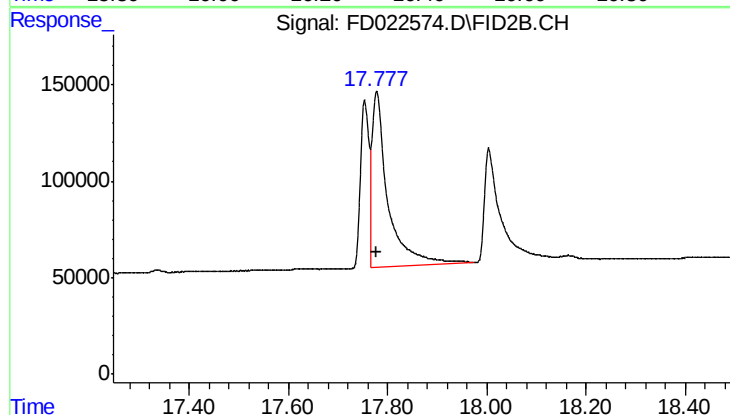
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min
Delta R.T.: -0.028 min
Response: 1971575
Conc: 17.37 ug/ml



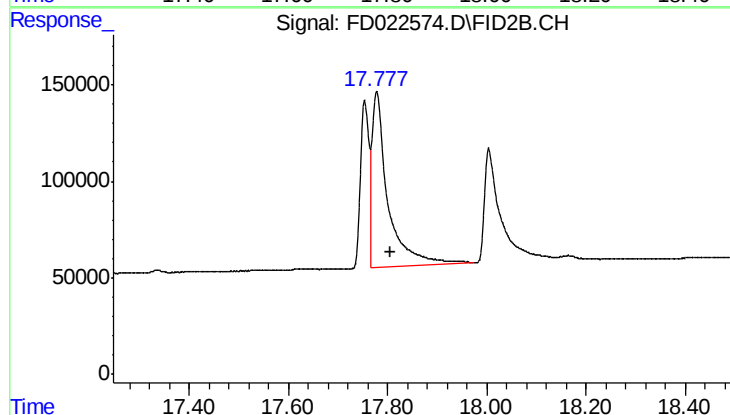
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min
Delta R.T.: -0.033 min
Response: 1730350
Conc: 16.47 ug/ml



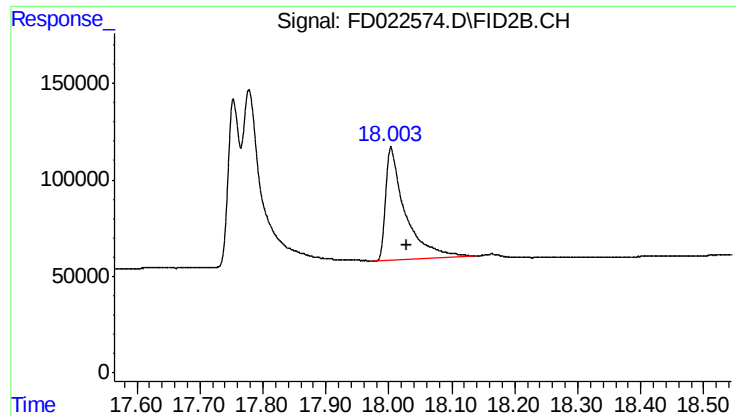
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min
Delta R.T.: 0.000 min
Response: 2035550
Conc: 21.37 ug/ml



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

R.T.: 17.778 min
Delta R.T.: -0.027 min
Response: 2035550
Conc: 17.91 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.024 min
Response: 1260885
Conc: 12.14 ug/ml