

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090325AR\
 Data File : FG016534.D
 Signal(s) : FID1A.ch
 Acq On : 03 Sep 2025 21:37
 Operator : YP\AJ
 Sample : Q2893-08
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 02:52:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 05:03:16 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	8.103	5910958	52.382 ug/ml
Spiked Amount 50.000		Recovery =	104.76%
6) S 2-Fluorobiphenyl (SURR)	8.986	3759166	48.177 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.35%
11) S ortho-Terphenyl (SURR)	12.069	6216220	46.670 ug/ml
Spiked Amount 50.000		Recovery =	93.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.686	445321	3.634 ug/ml
2) T Naphthalene (C11.7)	6.369	476870	3.678 ug/ml
3) T 2-Methylnaphthalene (...)	7.471	462397	3.501 ug/ml
5) T Acenaphthylene (C15.06)	8.782	490792	3.750 ug/ml
7) T Acenaphthene (C15.5)	9.083	667603	5.122 ug/ml
8) T Flouorene (C16.55)	9.880	505475	3.873 ug/ml
9) T Phenanthrene (C19.36)	11.296	480326	3.681 ug/ml
10) T Anthracene (C19.43)	11.372	535072	4.095 ug/ml
12) T Fluoranthene (C21.85)	13.129	510789	3.895 ug/ml
13) T Pyrene (C20.8)	13.430	503598	3.877 ug/ml
14) T Benzo[a]anthracene (C...	15.325	448534	3.504 ug/ml
15) T Chrysene (C27.41)	15.369	624454	4.840 ug/ml
16) T benzo[b]fluoranthene ...	16.893	424706	3.317 ug/ml
17) T Bnezo[k]fluoranthene ...	16.925	563180	4.687 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.279	470476	3.776 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.659	395529	3.439 ug/ml
20) T Dibenz[a,h]anthracene...	18.697	639627	5.297 ug/ml
21) T Benzo[g,h,i]perylene ...	18.913	510557	4.275 ug/ml

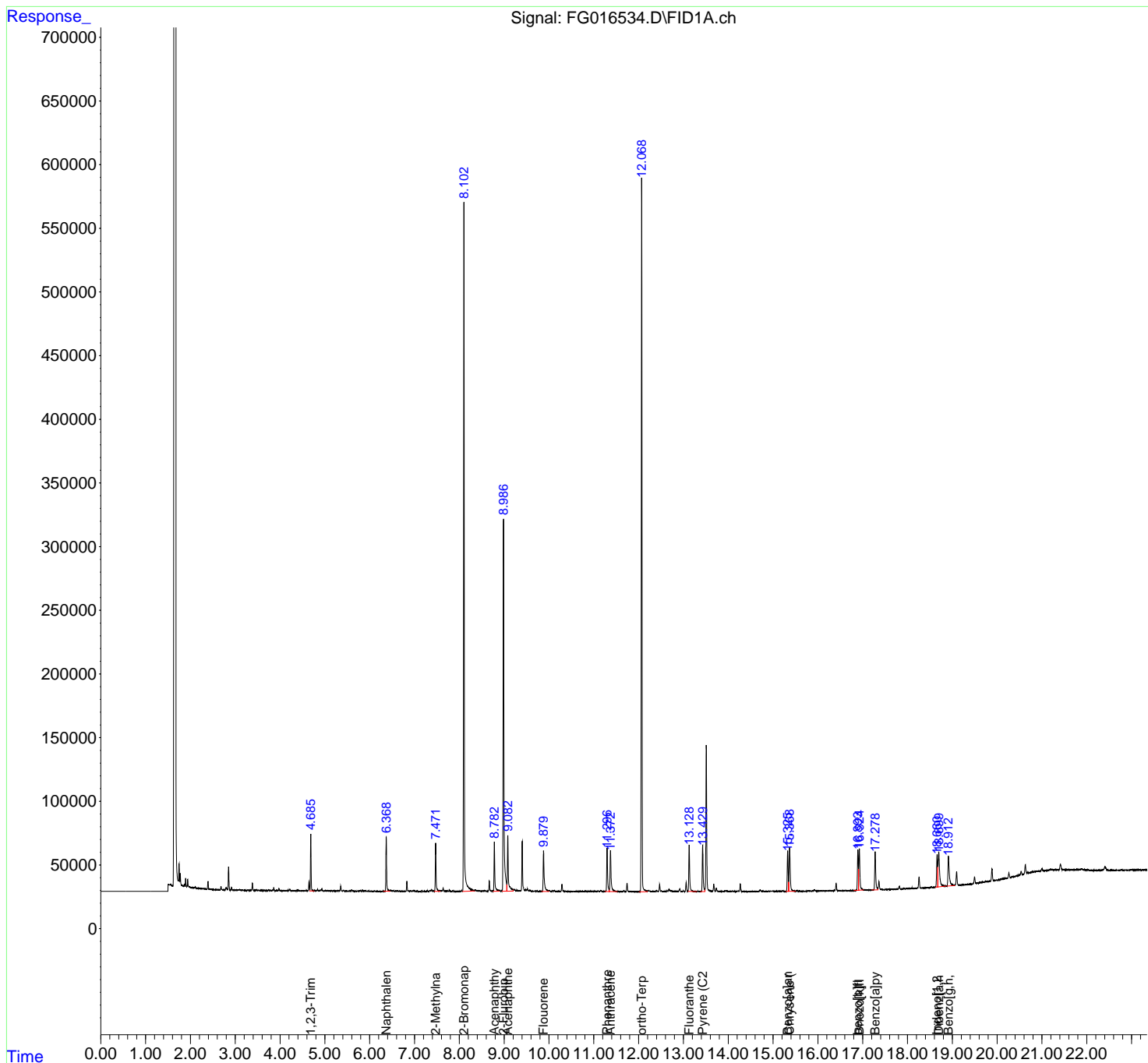
(f)=RT Delta > 1/2 Window

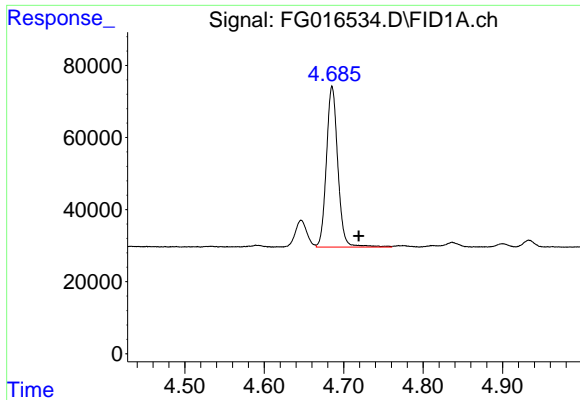
(m)=manual int.

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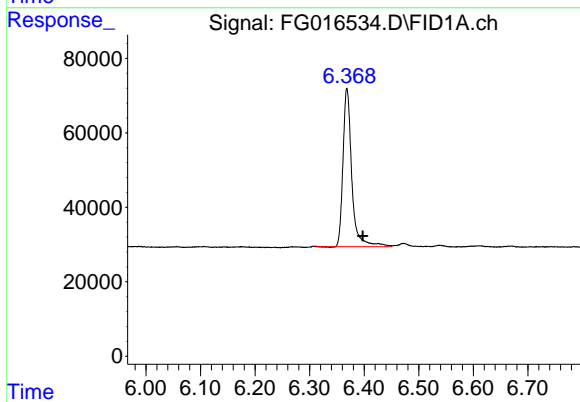
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm





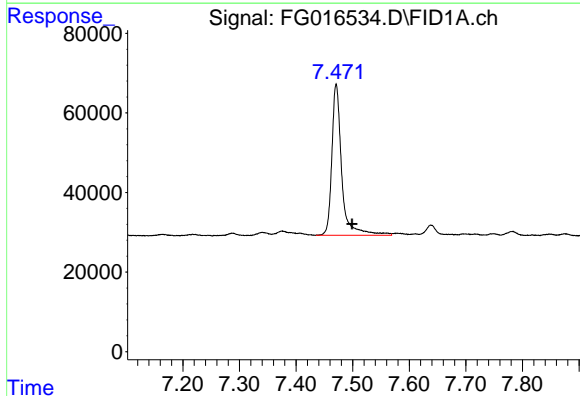
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.686 min
Delta R.T.: -0.033 min
Response: 445321
Conc: 3.63 ug/ml



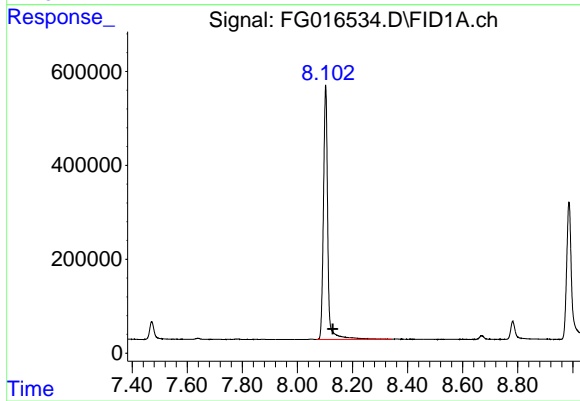
#2 Naphthalene (C11.7)

R.T.: 6.369 min
Delta R.T.: -0.029 min
Response: 476870
Conc: 3.68 ug/ml



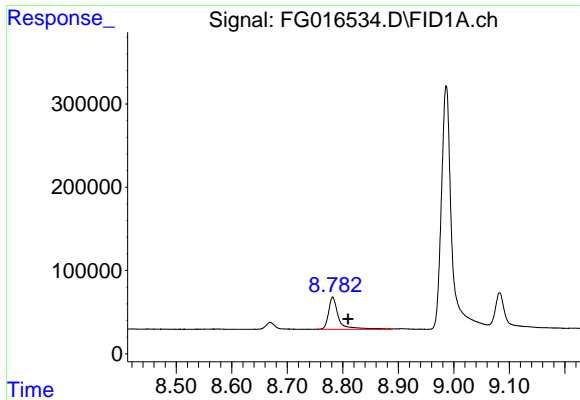
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.471 min
Delta R.T.: -0.028 min
Response: 462397
Conc: 3.50 ug/ml



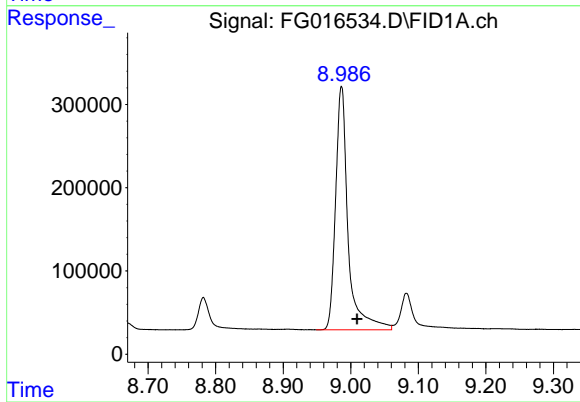
#4 2-Bromonaphthalene (SURR)

R.T.: 8.103 min
Delta R.T.: -0.026 min
Response: 5910958
Conc: 52.38 ug/ml



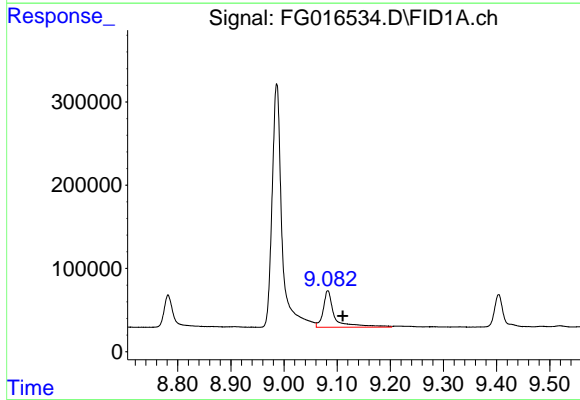
#5 Acenaphthylene (C15.06)

R.T.: 8.782 min
Delta R.T.: -0.027 min
Response: 490792
Conc: 3.75 ug/ml



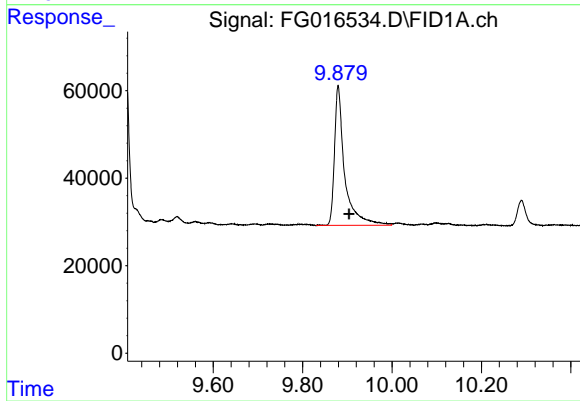
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.986 min
Delta R.T.: -0.023 min
Response: 3759166
Conc: 48.18 ug/ml



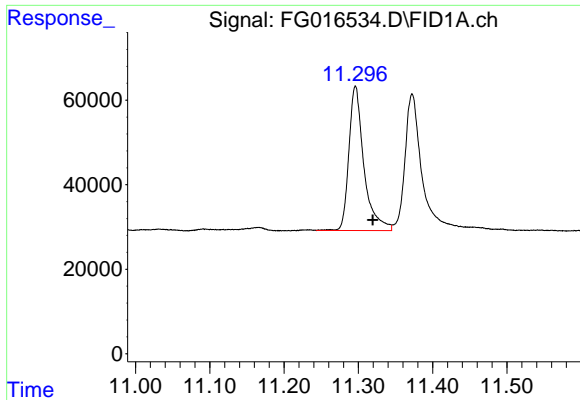
#7 Acenaphthene (C15.5)

R.T.: 9.083 min
Delta R.T.: -0.028 min
Response: 667603
Conc: 5.12 ug/ml

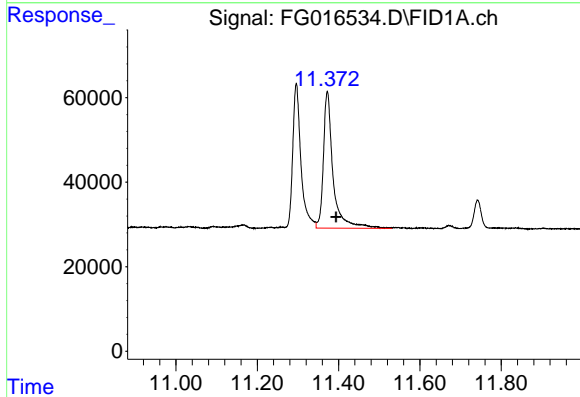


#8 Fluorene (C16.55)

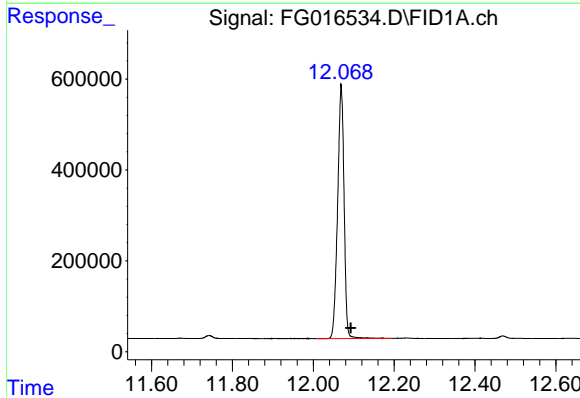
R.T.: 9.880 min
Delta R.T.: -0.024 min
Response: 505475
Conc: 3.87 ug/ml



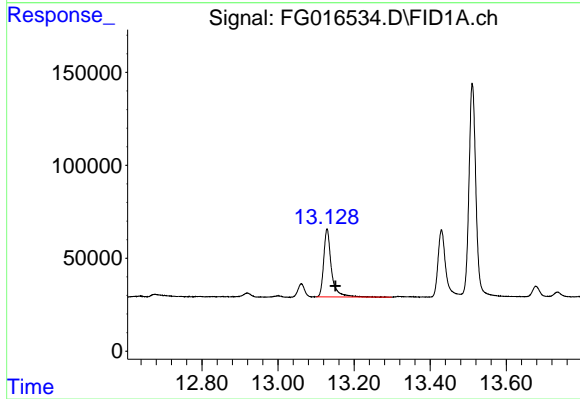
#9 Phenanthrene (C19.36)
R.T.: 11.296 min
Delta R.T.: -0.023 min
Response: 480326
Conc: 3.68 ug/ml



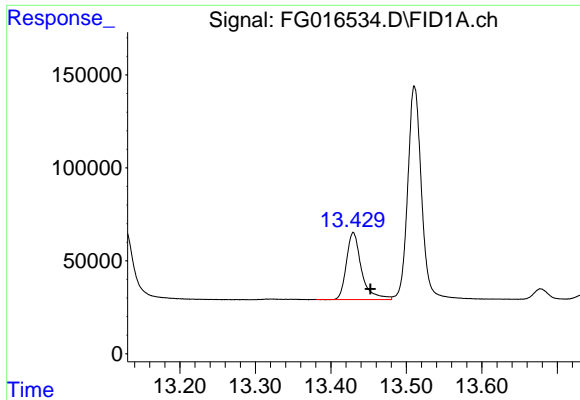
#10 Anthracene (C19.43)
R.T.: 11.372 min
Delta R.T.: -0.022 min
Response: 535072
Conc: 4.09 ug/ml



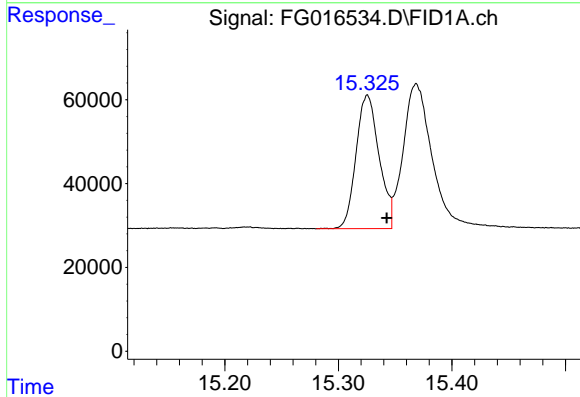
#11 ortho-Terphenyl (SURR)
R.T.: 12.069 min
Delta R.T.: -0.024 min
Response: 6216220
Conc: 46.67 ug/ml



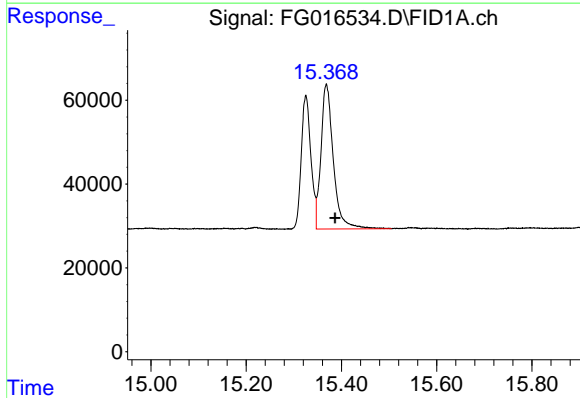
#12 Fluoranthene (C21.85)
R.T.: 13.129 min
Delta R.T.: -0.022 min
Response: 510789
Conc: 3.89 ug/ml



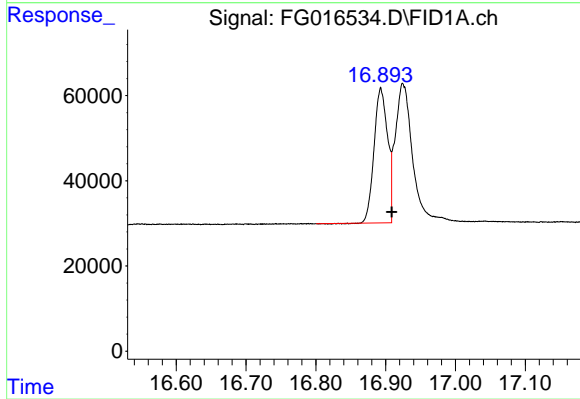
#13 Pyrene (C20.8)
R.T.: 13.430 min
Delta R.T.: -0.023 min
Response: 503598
Conc: 3.88 ug/ml



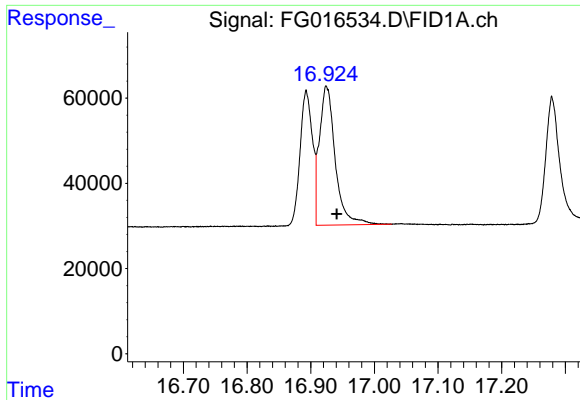
#14 Benzo[a]anthracene (C26.37)
R.T.: 15.325 min
Delta R.T.: -0.017 min
Response: 448534
Conc: 3.50 ug/ml



#15 Chrysene (C27.41)
R.T.: 15.369 min
Delta R.T.: -0.018 min
Response: 624454
Conc: 4.84 ug/ml

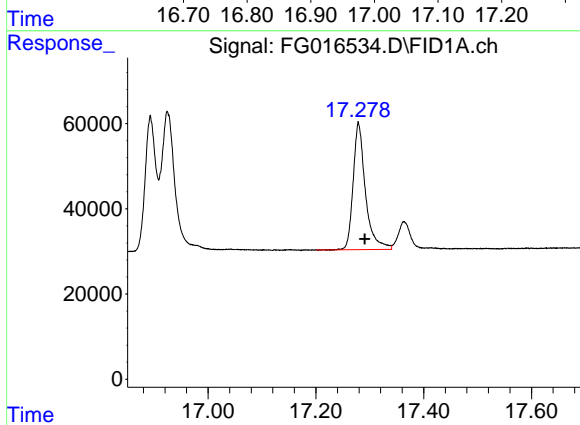


#16 benzo[b]fluoranthene (C30.41)
R.T.: 16.893 min
Delta R.T.: -0.015 min
Response: 424706
Conc: 3.32 ug/ml



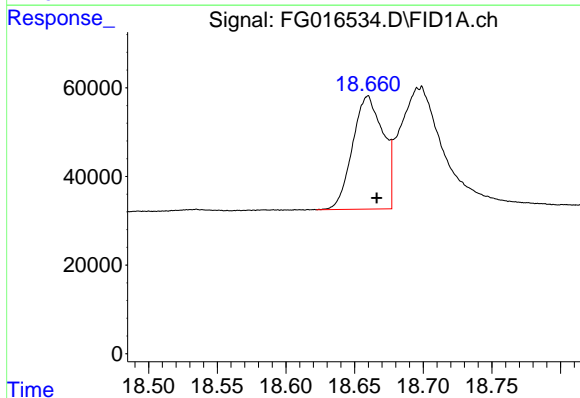
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.925 min
Delta R.T.: -0.016 min
Response: 563180
Conc: 4.69 ug/ml



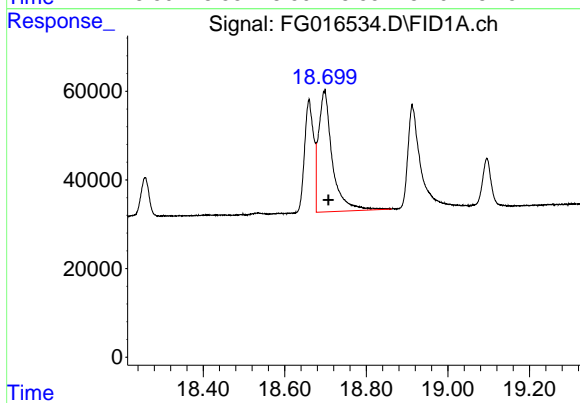
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.279 min
Delta R.T.: -0.011 min
Response: 470476
Conc: 3.78 ug/ml



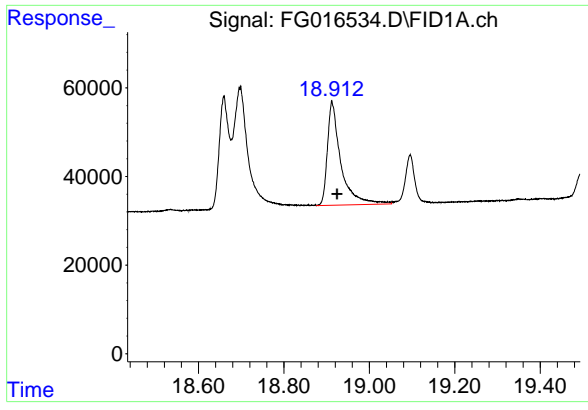
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.659 min
Delta R.T.: -0.007 min
Response: 395529
Conc: 3.44 ug/ml



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

R.T.: 18.697 min
Delta R.T.: -0.010 min
Response: 639627
Conc: 5.30 ug/ml



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

R.T.: 18.913 min
Delta R.T.: -0.011 min
Response: 510557
Conc: 4.28 ug/ml