

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090325AR\
 Data File : FF016319.D
 Signal(s) : FID2B.ch
 Acq On : 03 Sep 2025 11:53
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 04 01:28:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:10:12 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...	8.033	5481661	45.854 ug/ml
Spiked Amount 50.000		Recovery =	91.71%
6) S 2-Fluorobiphenyl (SURR)	8.908	3600413	43.478 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.96%
11) S ortho-Terphenyl (SURR)	11.977	5872770	40.494 ug/ml
Spiked Amount 50.000		Recovery =	80.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.626	236234	1.823 ug/ml
2) T Naphthalene (C11.7)	6.303	250287	1.830 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	276549	1.977 ug/ml
5) T Acenaphthylene (C15.06)	8.706	302248	2.153 ug/ml
7) T Acenaphthene (C15.5)	9.005	300503	2.144 ug/ml
8) T Fluorene (C16.55)	9.796	287087	2.055 ug/ml
9) T Phenanthrene (C19.36)	11.203	290838	2.063 ug/ml
10) T Anthracene (C19.43)	11.278	291766	2.110 ug/ml
12) T Fluoranthene (C21.85)	13.023	301667	2.139 ug/ml
13) T Pyrene (C20.8)	13.321	302450	2.161 ug/ml
14) T Benzo[a]anthracene (C...	15.205	285881	2.162 ug/ml
15) T Chrysene (C27.41)	15.245	387659	2.844 ug/ml
16) T benzo[b]fluoranthene ...	16.762	276376	2.121 ug/ml
17) T Bnezo[k]fluoranthene ...	16.794	318266	2.544 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.145	277258	2.170 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	264308	2.314 ug/ml
20) T Dibenz[a,h]anthracene...	18.560	334236	2.663 ug/ml
21) T Benzo[g,h,i]perylene ...	18.768	290120	2.353 ug/ml

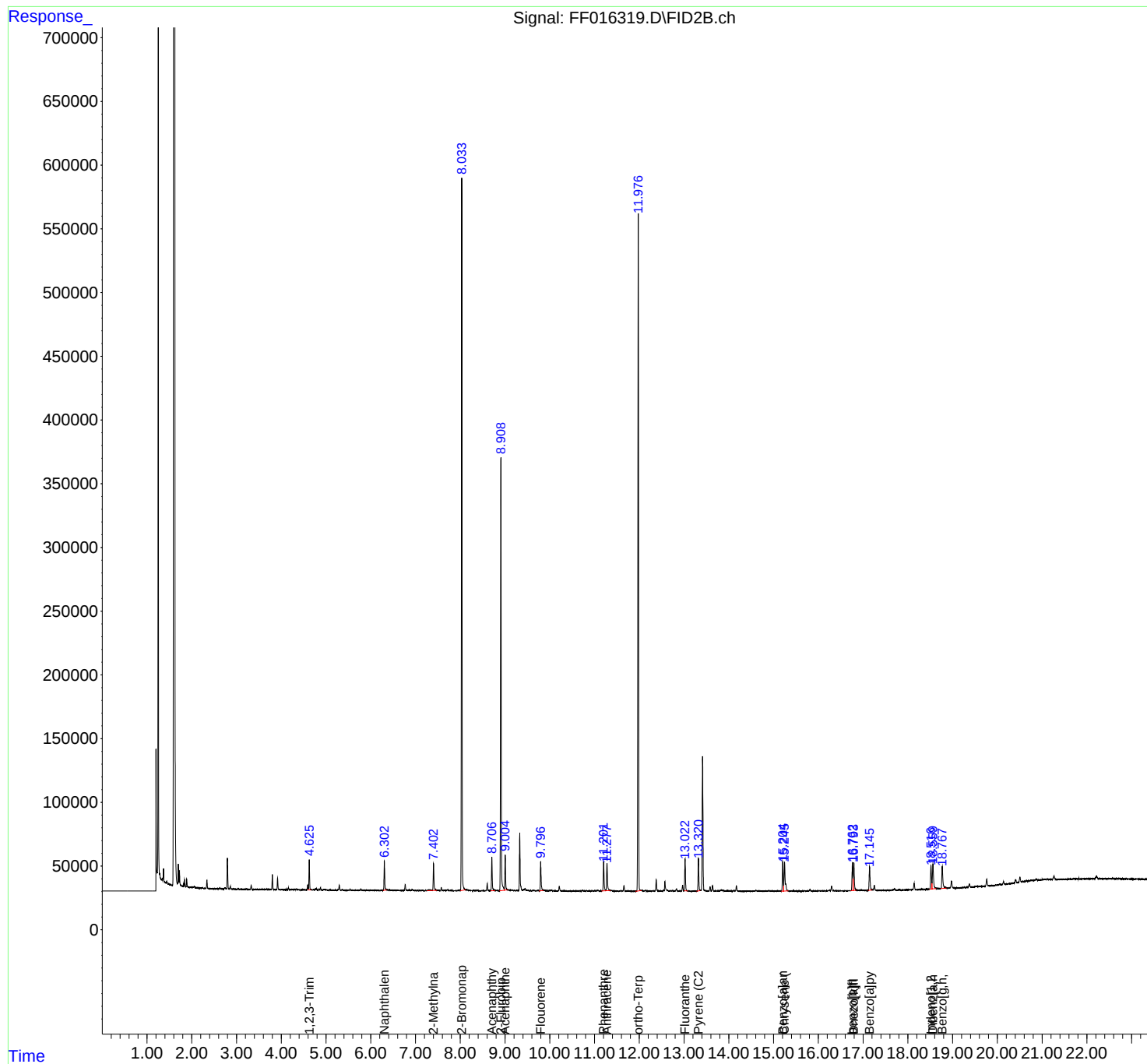
(f)=RT Delta > 1/2 Window

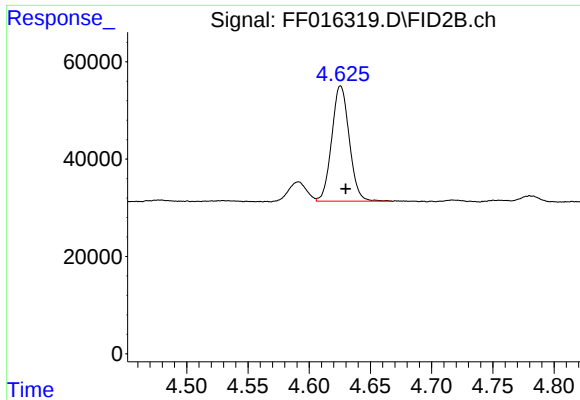
(m)=manual int.

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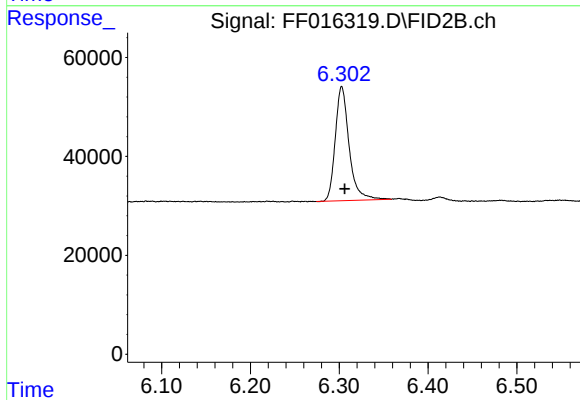
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





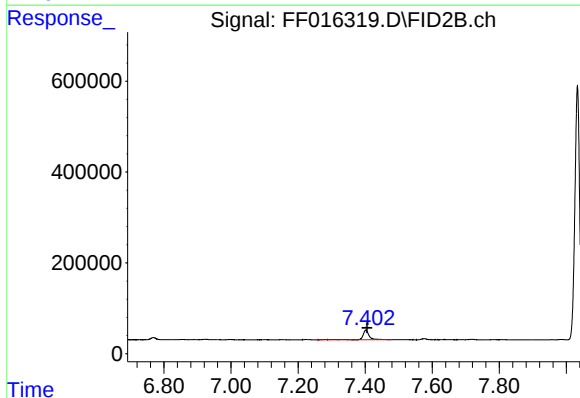
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.626 min
Delta R.T.: -0.004 min
Response: 236234
Conc: 1.82 ug/ml



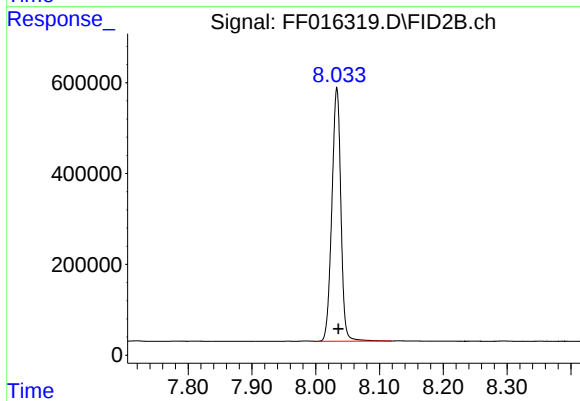
#2 Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 250287
Conc: 1.83 ug/ml



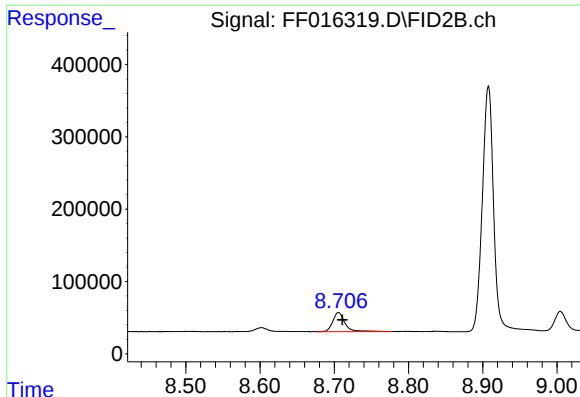
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.004 min
Response: 276549
Conc: 1.98 ug/ml



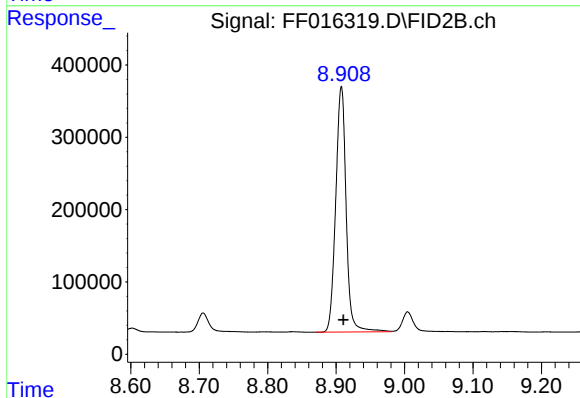
#4 2-Bromonaphthalene (SURR)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 5481661
Conc: 45.85 ug/ml



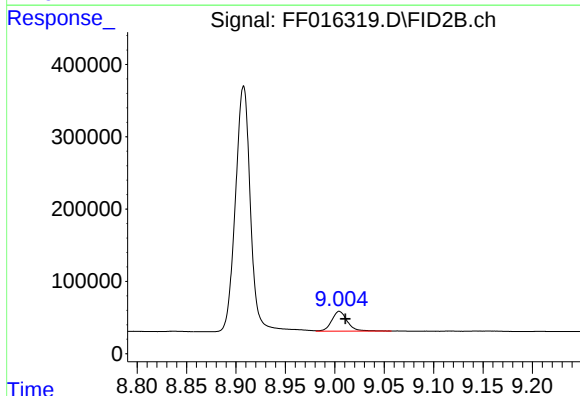
#5 Acenaphthylene (C15.06)

R.T.: 8.706 min
Delta R.T.: -0.005 min
Response: 302248
Conc: 2.15 ug/ml



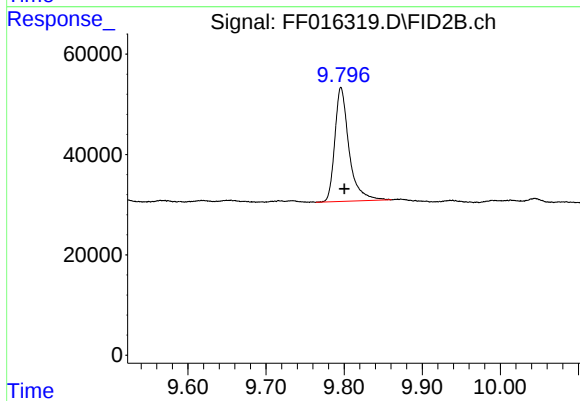
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 3600413
Conc: 43.48 ug/ml



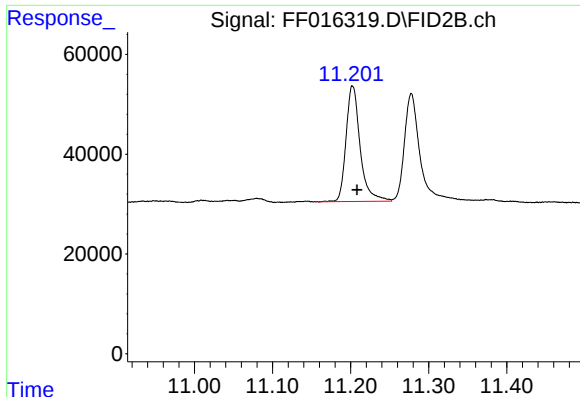
#7 Acenaphthene (C15.5)

R.T.: 9.005 min
Delta R.T.: -0.006 min
Response: 300503
Conc: 2.14 ug/ml



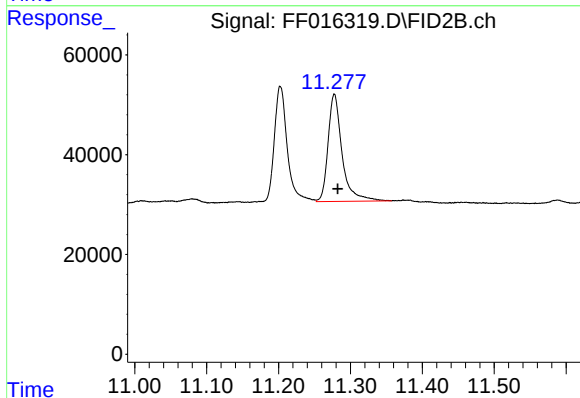
#8 Fluorene (C16.55)

R.T.: 9.796 min
Delta R.T.: -0.004 min
Response: 287087
Conc: 2.05 ug/ml



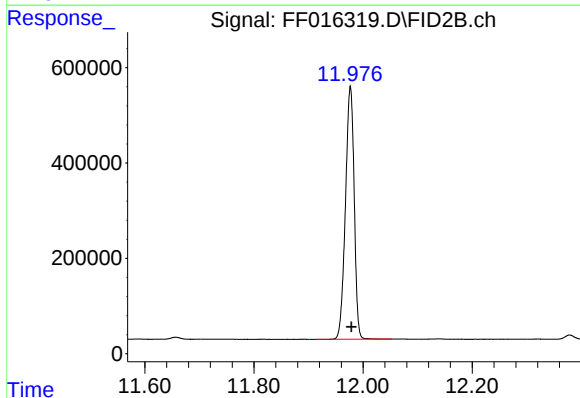
#9 Phenanthrene (C19.36)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 290838
Conc: 2.06 ug/ml



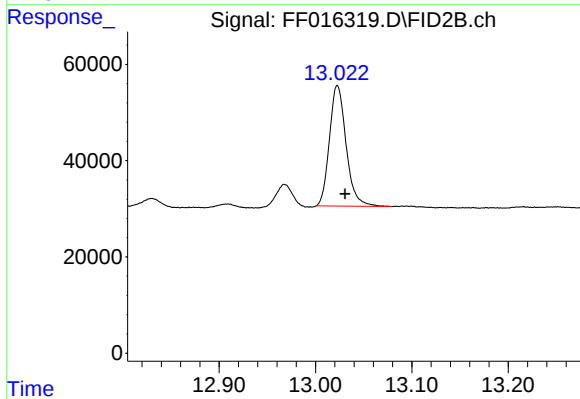
#10 Anthracene (C19.43)

R.T.: 11.278 min
Delta R.T.: -0.005 min
Response: 291766
Conc: 2.11 ug/ml



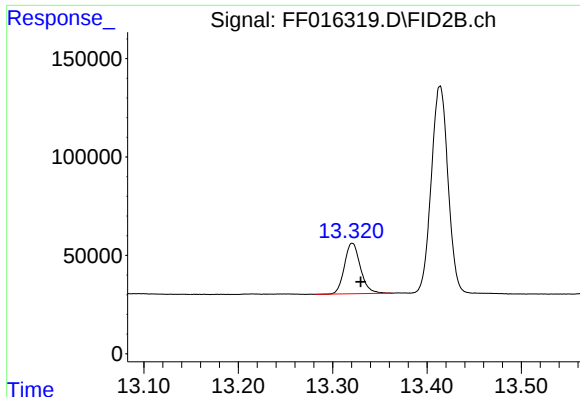
#11 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.002 min
Response: 5872770
Conc: 40.49 ug/ml



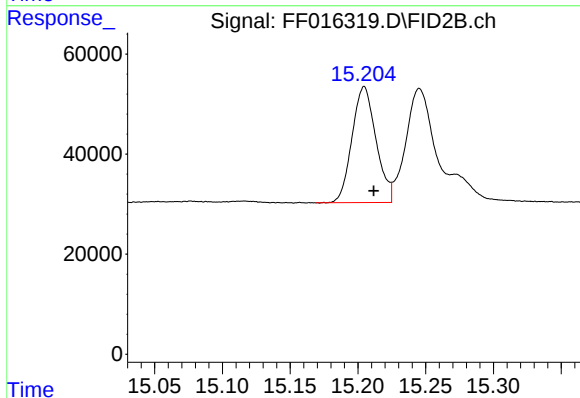
#12 Fluoranthene (C21.85)

R.T.: 13.023 min
Delta R.T.: -0.008 min
Response: 301667
Conc: 2.14 ug/ml



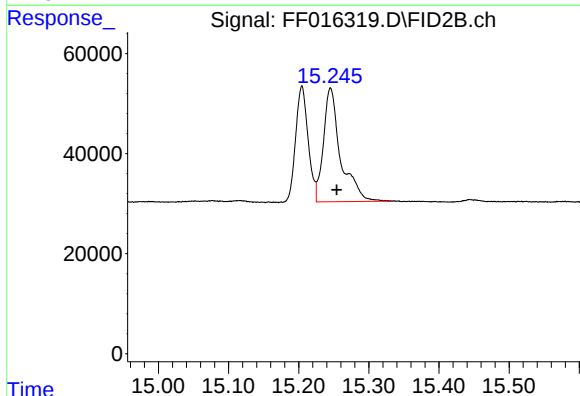
#13 Pyrene (C20.8)

R.T.: 13.321 min
Delta R.T.: -0.009 min
Response: 302450
Conc: 2.16 ug/ml



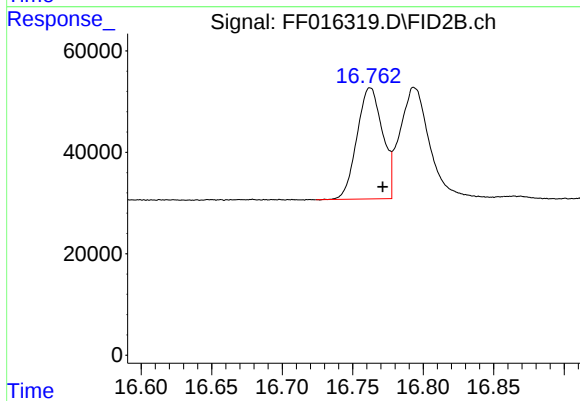
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.205 min
Delta R.T.: -0.007 min
Response: 285881
Conc: 2.16 ug/ml



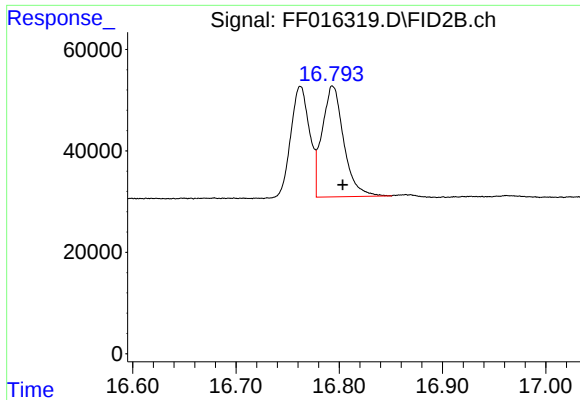
#15 Chrysene (C27.41)

R.T.: 15.245 min
Delta R.T.: -0.008 min
Response: 387659
Conc: 2.84 ug/ml



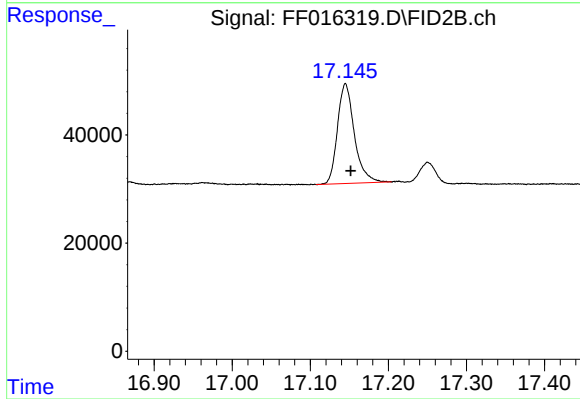
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.762 min
Delta R.T.: -0.009 min
Response: 276376
Conc: 2.12 ug/ml



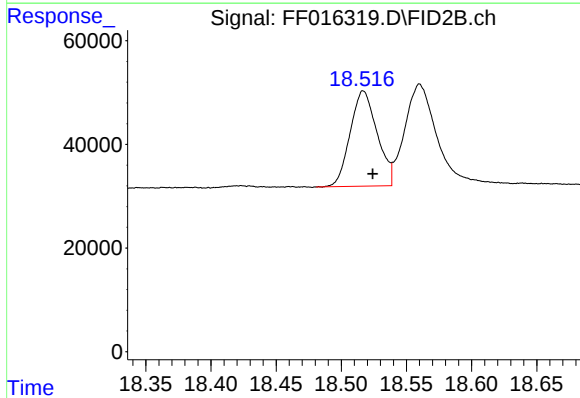
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.794 min
Delta R.T.: -0.010 min
Response: 318266
Conc: 2.54 ug/ml



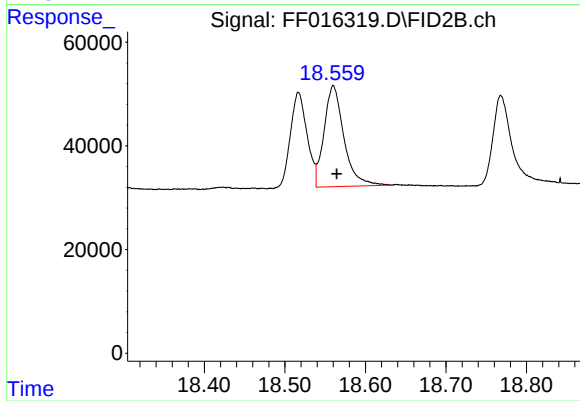
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.145 min
Delta R.T.: -0.007 min
Response: 277258
Conc: 2.17 ug/ml



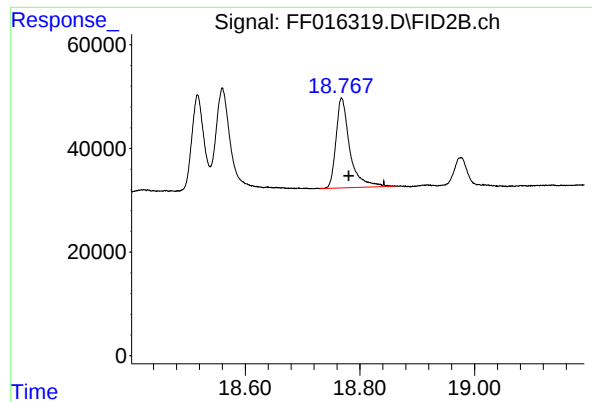
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.517 min
Delta R.T.: -0.007 min
Response: 264308
Conc: 2.31 ug/ml



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

R.T.: 18.560 min
Delta R.T.: -0.004 min
Response: 334236
Conc: 2.66 ug/ml



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

R.T.: 18.768 min
Delta R.T.: -0.012 min
Response: 290120
Conc: 2.35 ug/ml