

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083025AR\
 Data File : FF016254.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 10:32
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 09:04:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 083025.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 09:02:04 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...	8.036	2367711	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.911	1644632	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.979	2855153	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.630	2559011	20.000 ug/ml
2) T Naphthalene (C11.7)	6.306	2715354	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	2775221	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.711	2783892	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.011	2785436	20.000 ug/ml
8) T Flouorene (C16.55)	9.800	2767552	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.208	2783100	20.000 ug/ml
10) T Anthracene (C19.43)	11.283	2729202	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.031	2778878	20.000 ug/ml
13) T Pyrene (C20.8)	13.330	2746680	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.212	2611628	20.000 ug/ml
15) T Chrysene (C27.41)	15.254	2667964	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.771	2565280	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.803	2441377	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.152	2500982	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.524	2228101	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.564	2456275	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.780	2406057	20.000 ug/ml

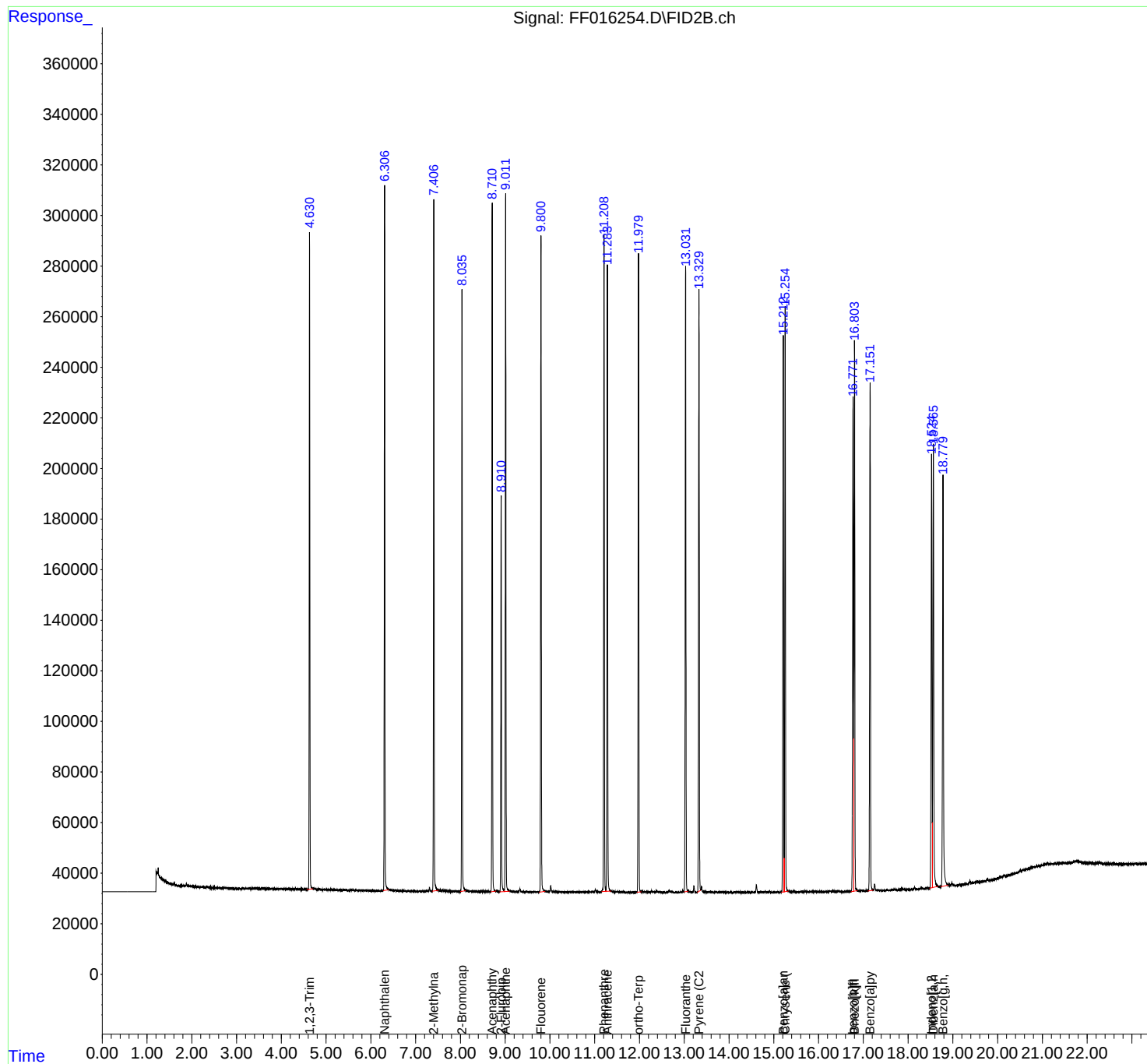
(f)=RT Delta > 1/2 Window

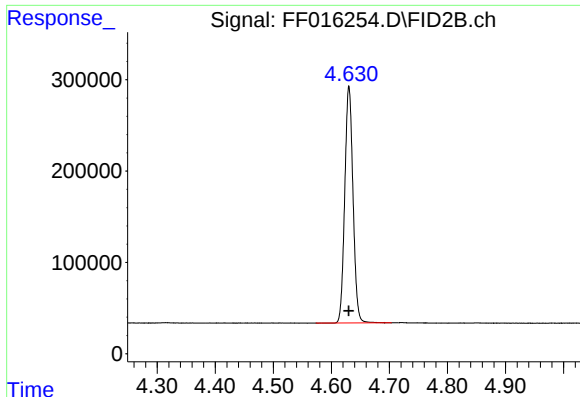
(m)=manual int.

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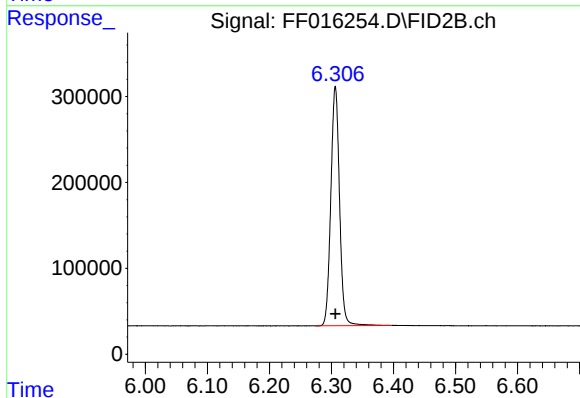
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





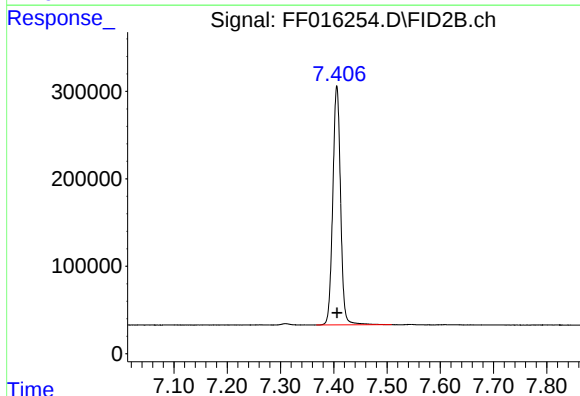
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.630 min
Delta R.T.: 0.000 min
Response: 2559011
Conc: 20.00 ug/ml



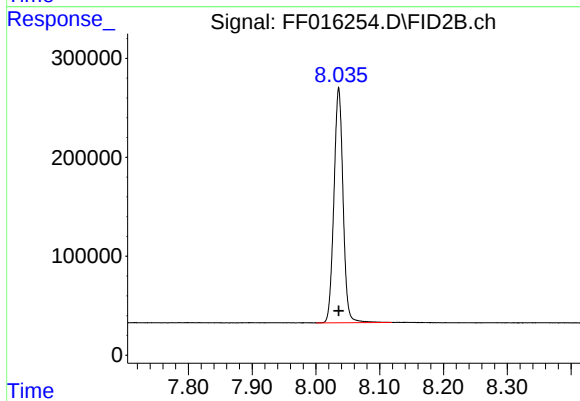
#2 Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 2715354
Conc: 20.00 ug/ml



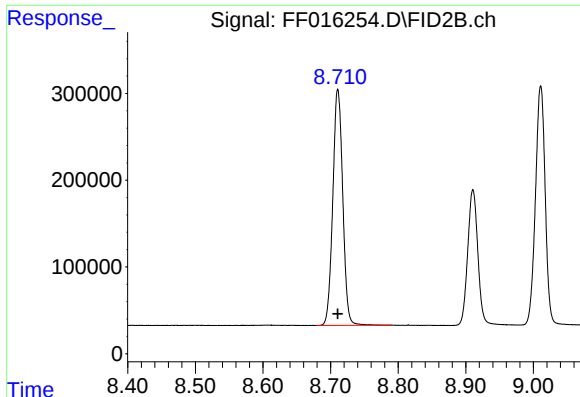
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2775221
Conc: 20.00 ug/ml



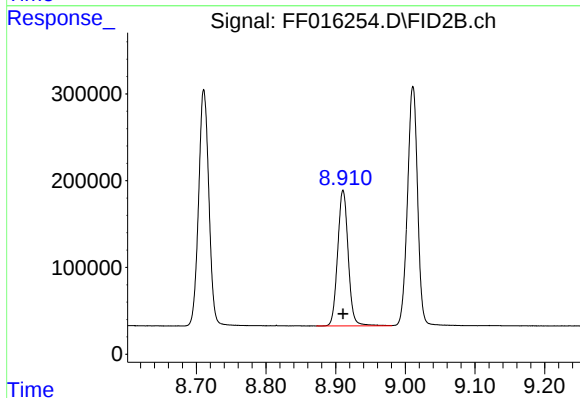
#4 2-Bromonaphthalene (SURR)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 2367711
Conc: 20.00 ug/ml



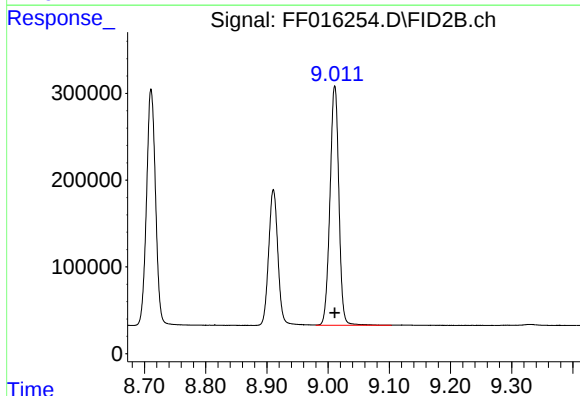
#5 Acenaphthylene (C15.06)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2783892
Conc: 20.00 ug/ml



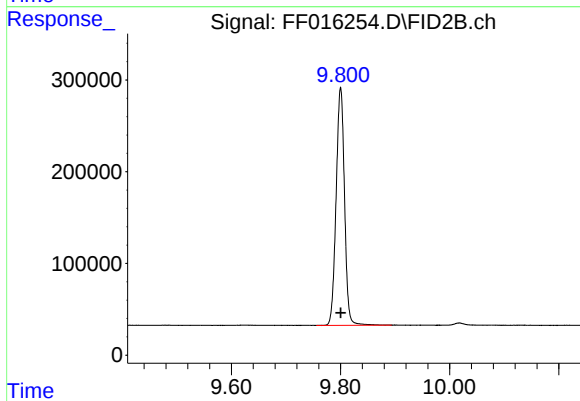
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 1644632
Conc: 20.00 ug/ml



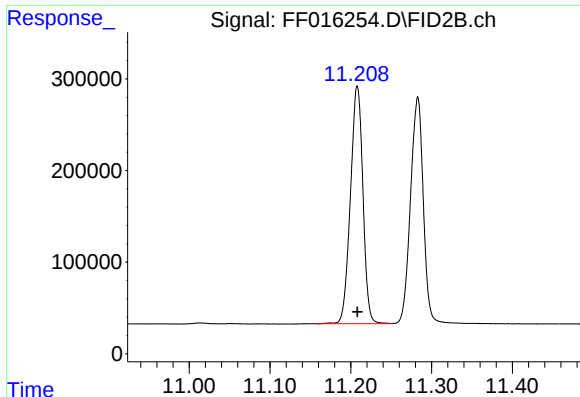
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 2785436
Conc: 20.00 ug/ml



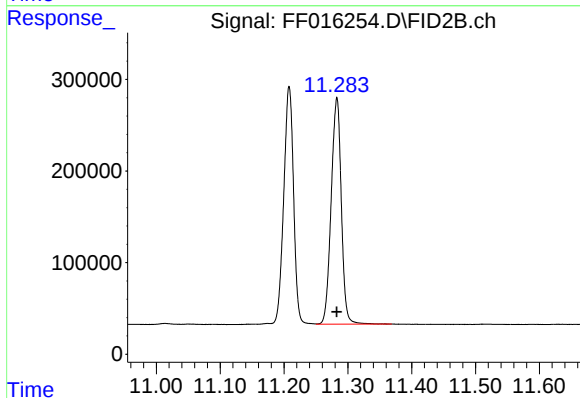
#8 Fluorene (C16.55)

R.T.: 9.800 min
Delta R.T.: 0.000 min
Response: 2767552
Conc: 20.00 ug/ml



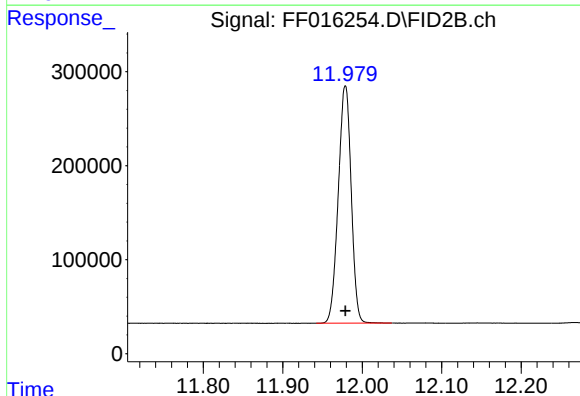
#9 Phenanthrene (C19.36)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2783100
Conc: 20.00 ug/ml



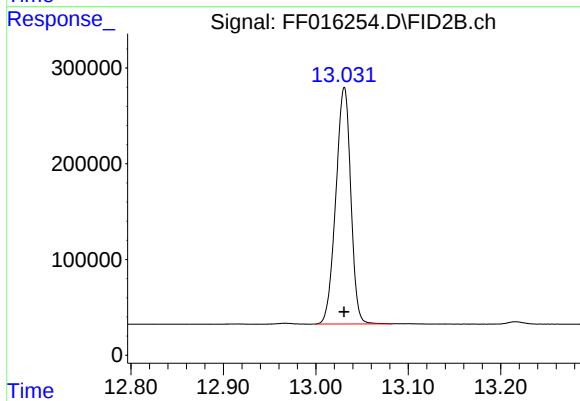
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2729202
Conc: 20.00 ug/ml



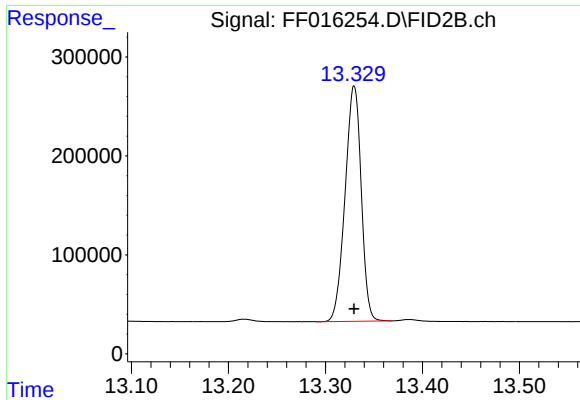
#11 ortho-Terphenyl (SURR)

R.T.: 11.979 min
Delta R.T.: 0.000 min
Response: 2855153
Conc: 20.00 ug/ml



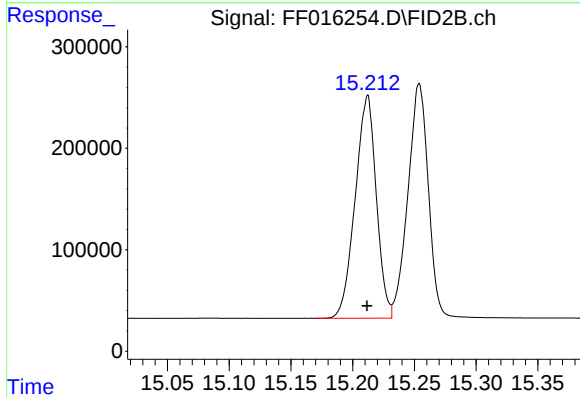
#12 Fluoranthene (C21.85)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2778878
Conc: 20.00 ug/ml



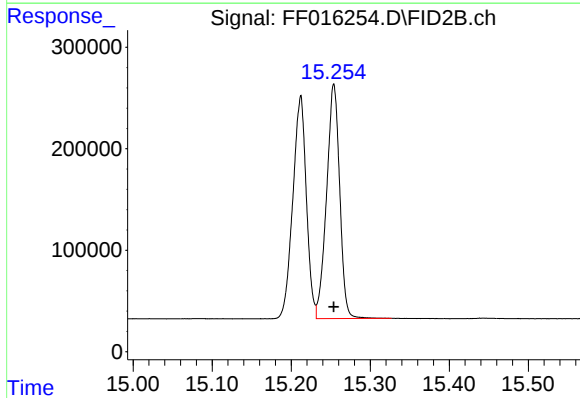
#13 Pyrene (C20.8)

R.T.: 13.330 min
Delta R.T.: 0.000 min
Response: 2746680
Conc: 20.00 ug/ml



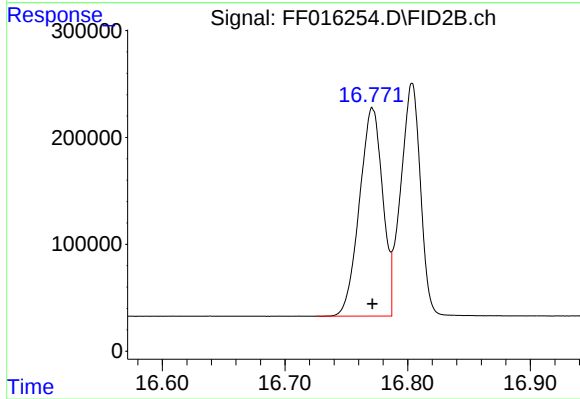
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 2611628
Conc: 20.00 ug/ml



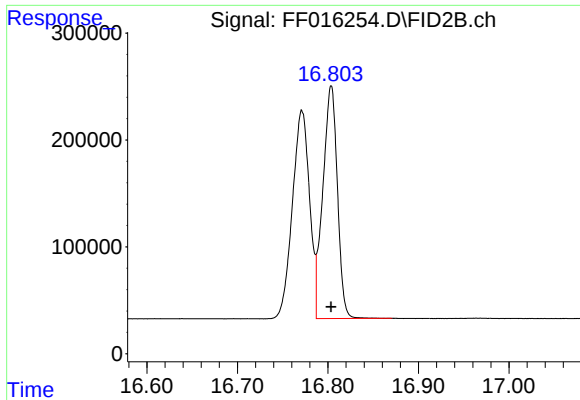
#15 Chrysene (C27.41)

R.T.: 15.254 min
Delta R.T.: 0.000 min
Response: 2667964
Conc: 20.00 ug/ml



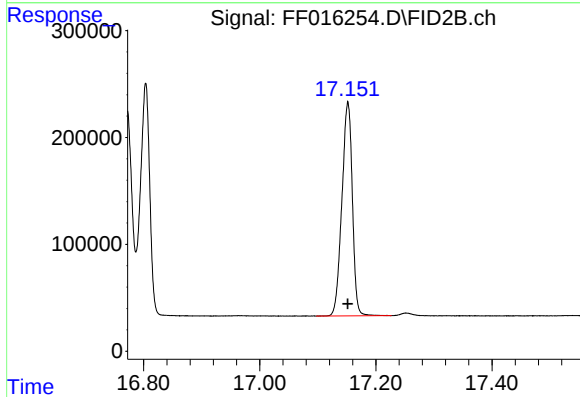
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.771 min
Delta R.T.: 0.000 min
Response: 2565280
Conc: 20.00 ug/ml



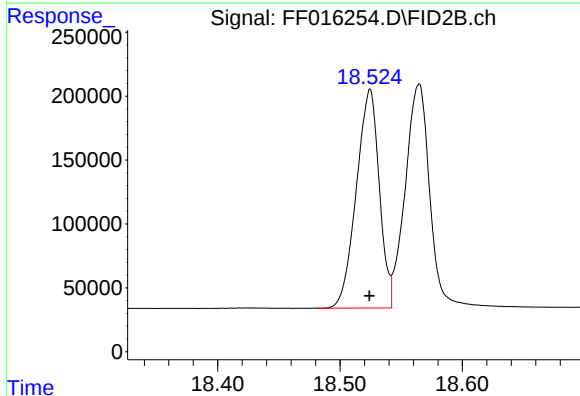
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.803 min
Delta R.T.: 0.000 min
Response: 2441377
Conc: 20.00 ug/ml



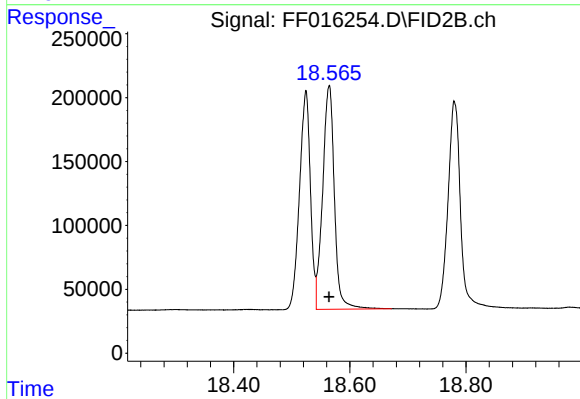
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.152 min
Delta R.T.: 0.000 min
Response: 2500982
Conc: 20.00 ug/ml



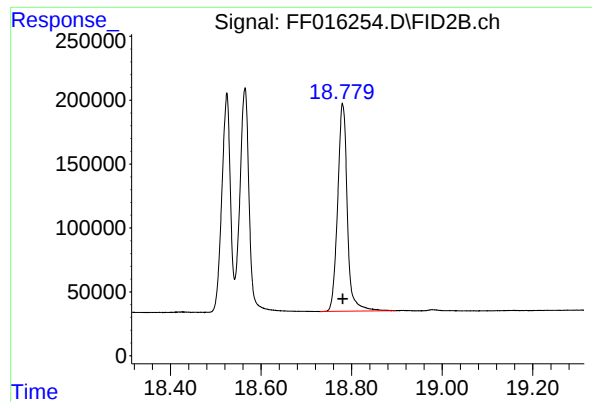
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.524 min
Delta R.T.: 0.000 min
Response: 2228101
Conc: 20.00 ug/ml



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

R.T.: 18.564 min
Delta R.T.: 0.000 min
Response: 2456275
Conc: 20.00 ug/ml



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

R.T.: 18.780 min
Delta R.T.: 0.000 min
Response: 2406057
Conc: 20.00 ug/ml