

Data Path : P:\HPCHEM1\FID_D\Data\FD052118AR\
 Data File : FD023762.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2018 15:04
 Operator : UA/AJ
 Sample : 100 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 22 02:47:36 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 052118.M
 Quant Title : GC Extractables
 QLast Update : Tue May 22 02:47:51 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...	7.518	7985332	102.289 ug/ml
Spiked Amount 50.000		Recovery =	204.58%
6) S 2-Fluorobiphenyl (SURR)	8.376	5705519	102.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.19%#
11) S ortho-Terphenyl (SURR)	11.427	9238813	102.437 ug/ml
Spiked Amount 50.000		Recovery =	204.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.308	8372587	100.352 ug/ml
2) T Naphthalene (C11.7)	5.850	9079174	101.788 ug/ml
3) T 2-Methylnaphthalene (...)	6.904	9011179	102.292 ug/ml
5) T Acenaphthylene (C15.06)	8.180	8852469	102.584 ug/ml
7) T Acenaphthene (C15.5)	8.478	9253155	102.538 ug/ml
8) T Flouorene (C16.55)	9.259	9330404	102.548 ug/ml
9) T Phenanthrene (C19.36)	10.656	9703283	102.079 ug/ml
10) T Anthracene (C19.43)	10.732	9689487	102.148 ug/ml
12) T Fluoranthene (C21.85)	12.469	10163653	101.944 ug/ml
13) T Pyrene (C20.8)	12.767	10244899	101.829 ug/ml
14) T Benzo[a]anthracene (C...	14.640	10044439	101.943 ug/ml
15) T Chrysene (C27.41)	14.688	10094922	101.823 ug/ml
16) T benzo[b]fluoranthene ...	16.192	10142330	102.211 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	10186912	103.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	9922080	102.528 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	8142399	99.636 ug/ml
20) T Dibenz[a,h]anthracene...	17.978	8533984	98.767 ug/ml
21) T Benzo[g,h,i]perylene ...	18.195	7703641	94.659 ug/ml

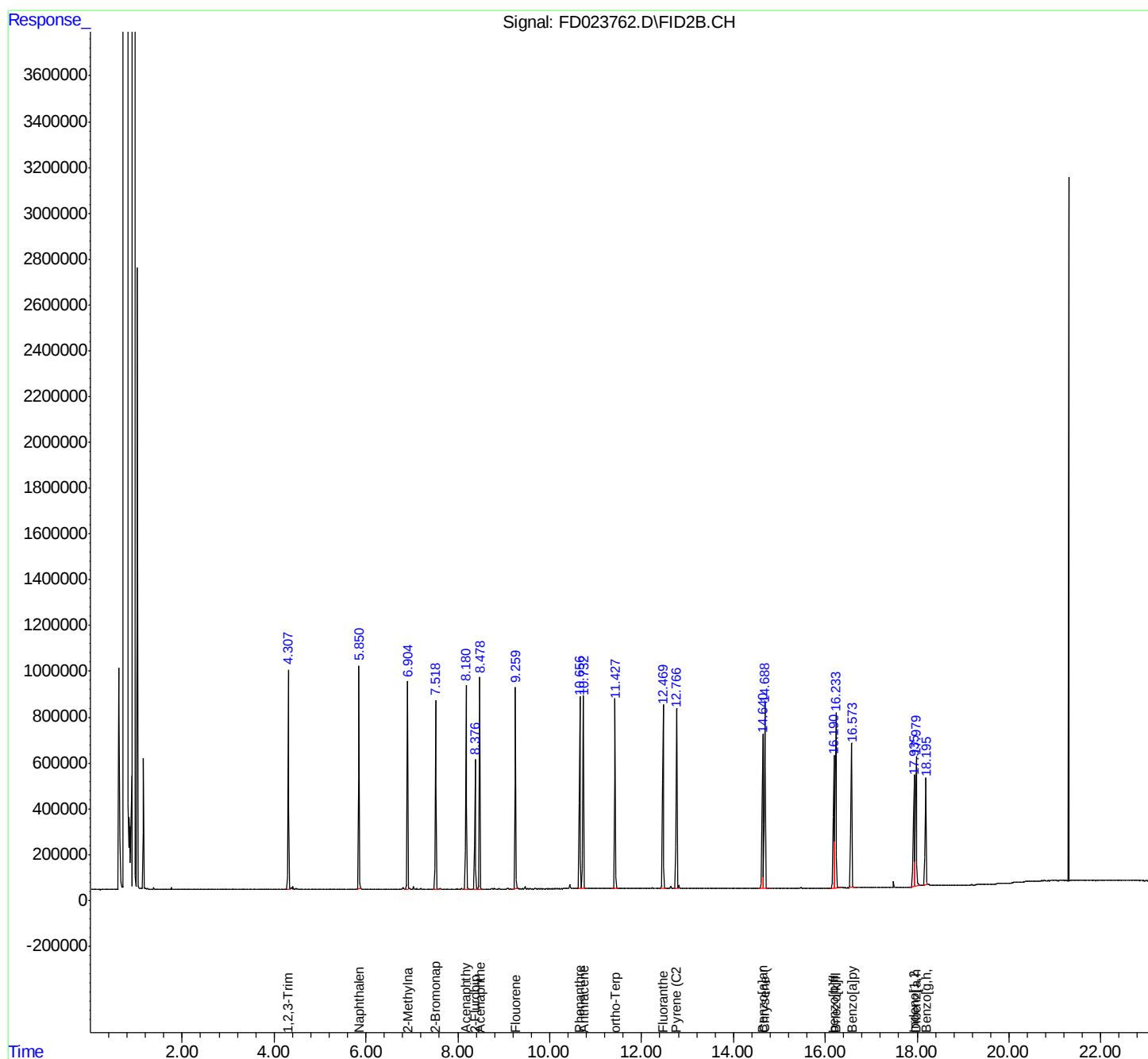
(f)=RT Delta > 1/2 Window

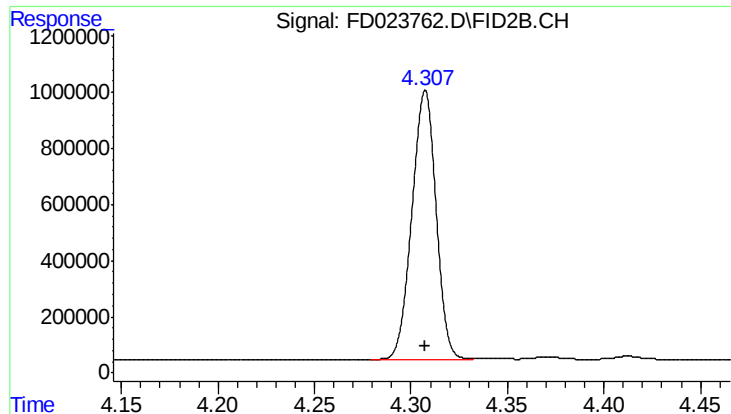
(m)=manual int.

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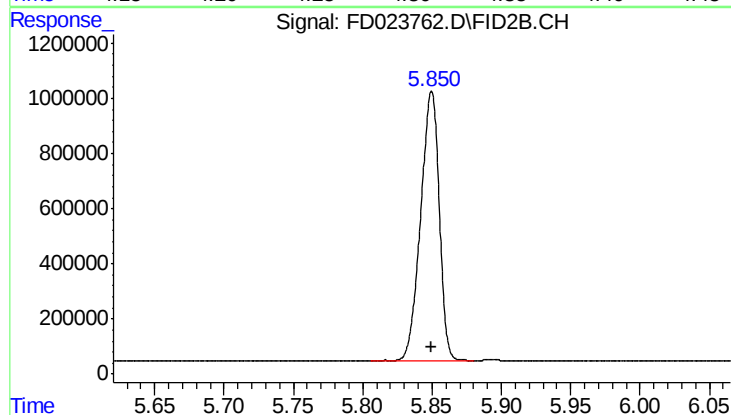
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Signal Info : 20M x 0.18mm x 0.18µm





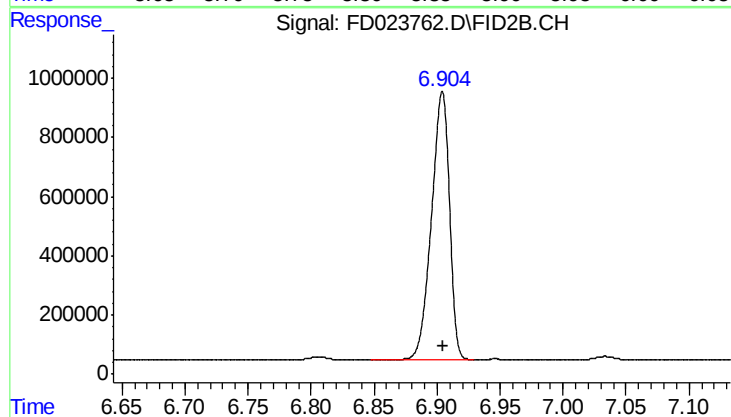
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 8372587
Conc: 100.35 ug/ml



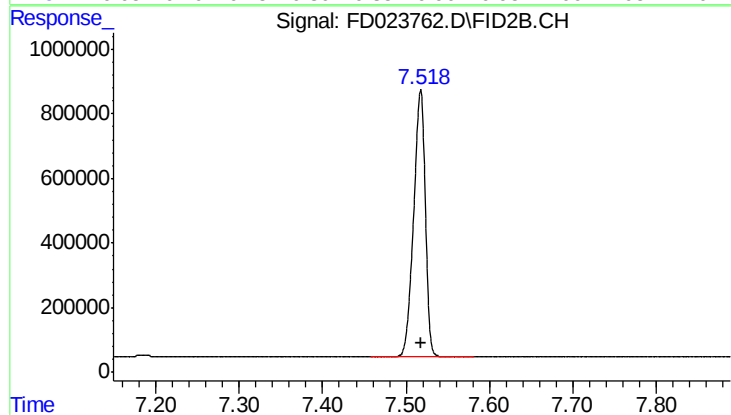
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 9079174
Conc: 101.79 ug/ml



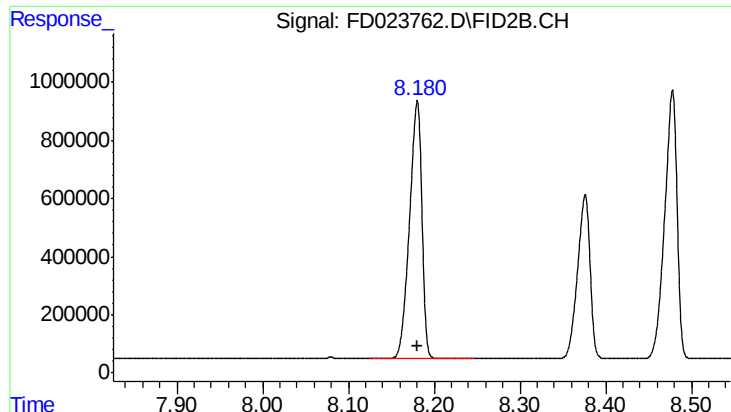
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 9011179
Conc: 102.29 ug/ml



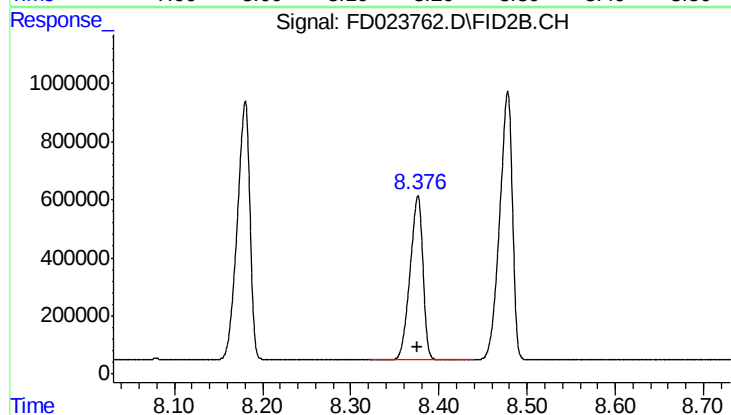
#4 2-Bromonaphthalene (SURR)

R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 7985332
Conc: 102.29 ug/ml



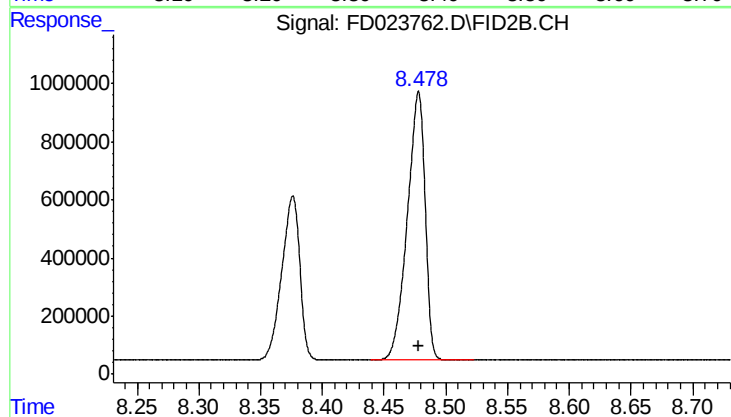
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min
Delta R.T.: 0.000 min
Response: 8852469
Conc: 102.58 ug/ml



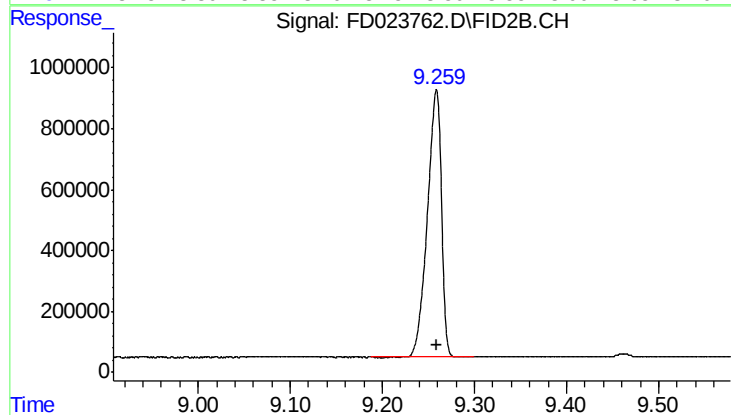
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 5705519
Conc: 102.60 ug/ml



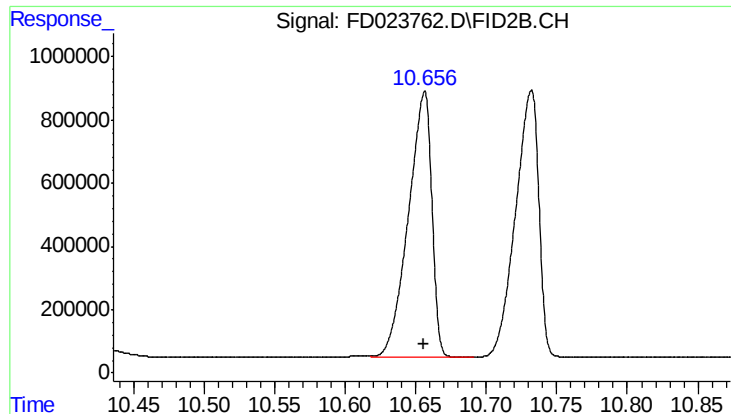
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: 0.000 min
Response: 9253155
Conc: 102.54 ug/ml



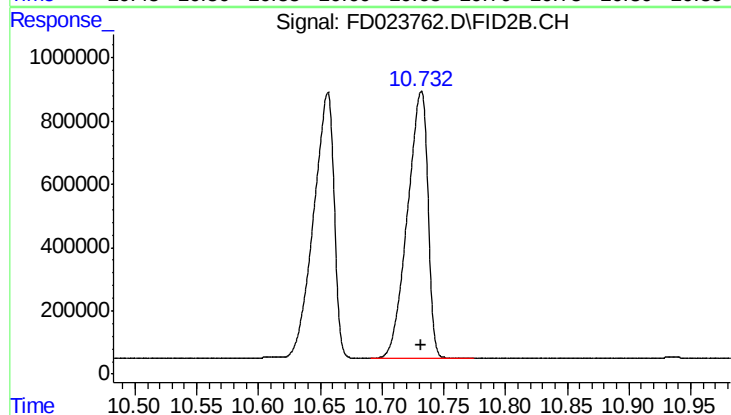
#8 Fluorene (C16.55)

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 9330404
Conc: 102.55 ug/ml



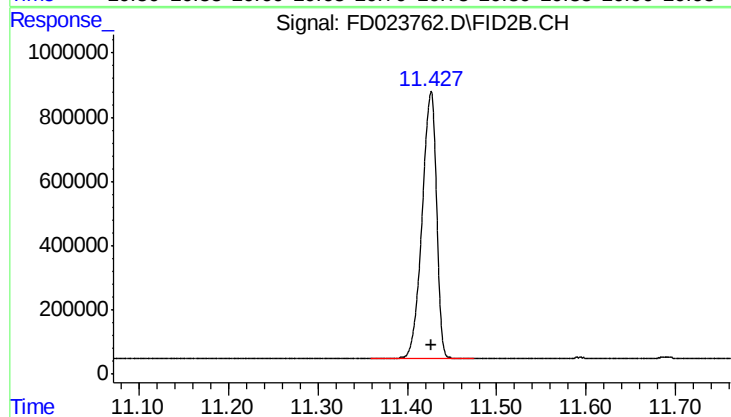
#9 Phenanthrene (C19.36)

R.T.: 10.656 min
Delta R.T.: 0.000 min
Response: 9703283
Conc: 102.08 ug/ml



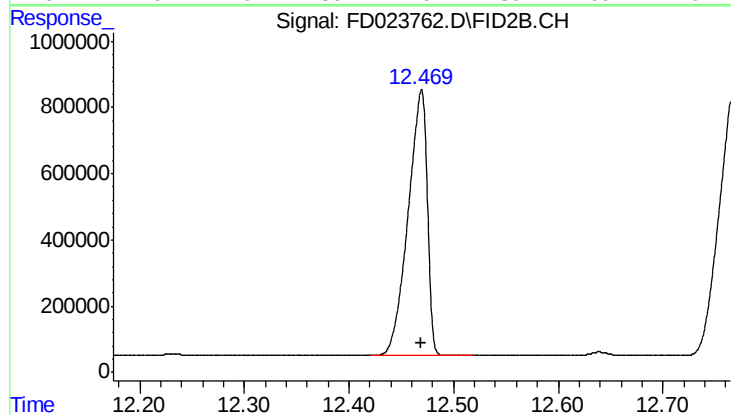
#10 Anthracene (C19.43)

R.T.: 10.732 min
Delta R.T.: 0.000 min
Response: 9689487
Conc: 102.15 ug/ml



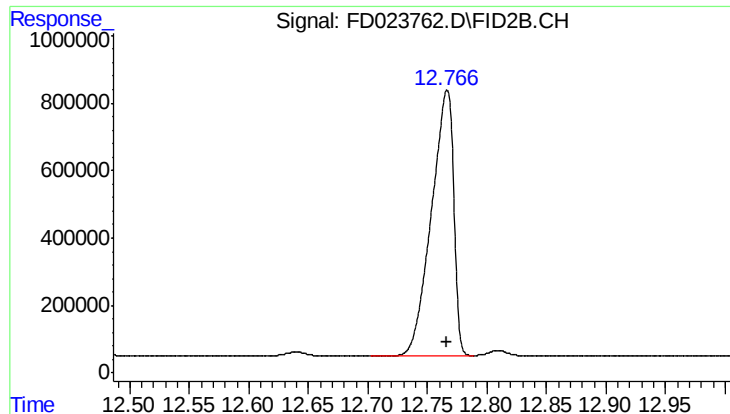
#11 ortho-Terphenyl (SURRE)

R.T.: 11.427 min
Delta R.T.: 0.000 min
Response: 9238813
Conc: 102.44 ug/ml



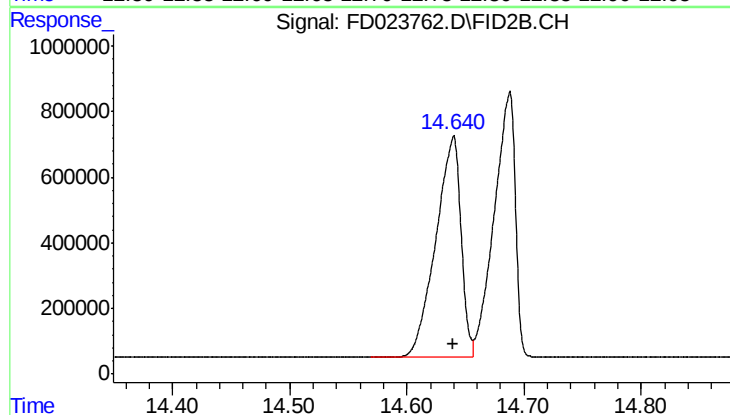
#12 Fluoranthene (C21.85)

R.T.: 12.469 min
Delta R.T.: 0.000 min
Response: 10163653
Conc: 101.94 ug/ml



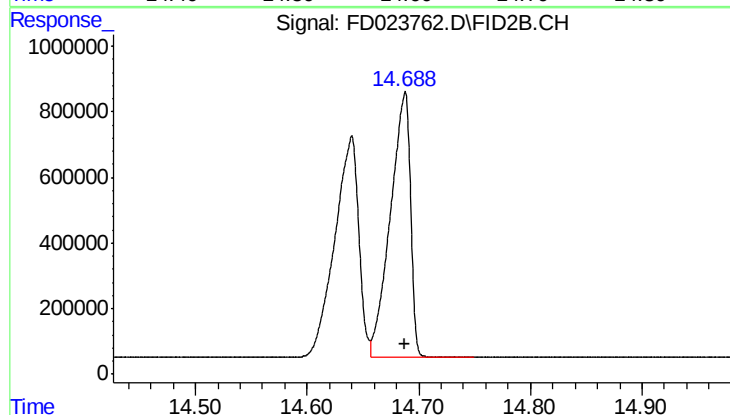
#13 Pyrene (C20.8)

R.T.: 12.767 min
Delta R.T.: 0.000 min
Response: 10244899
Conc: 101.83 ug/ml



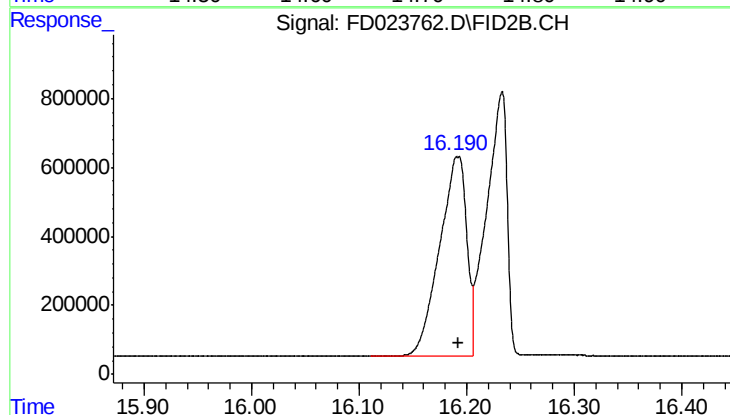
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 10044439
Conc: 101.94 ug/ml



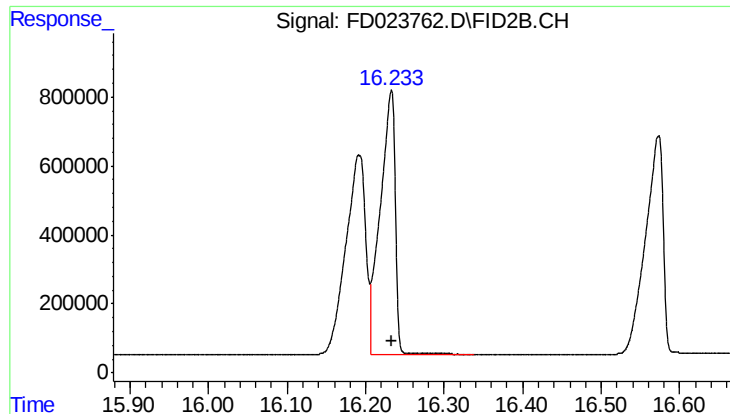
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.000 min
Response: 10094922
Conc: 101.82 ug/ml



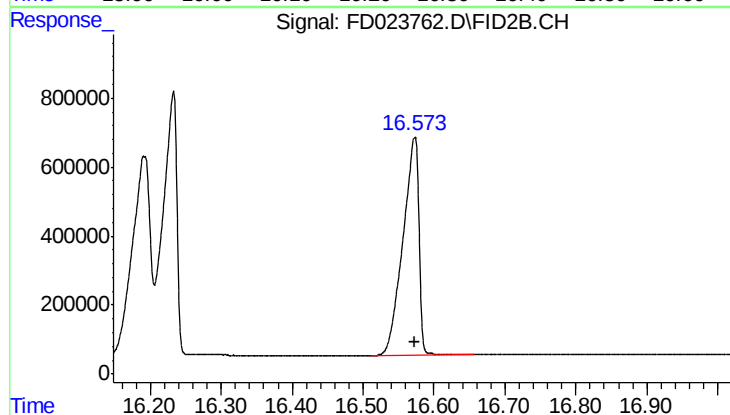
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: 0.000 min
Response: 10142330
Conc: 102.21 ug/ml



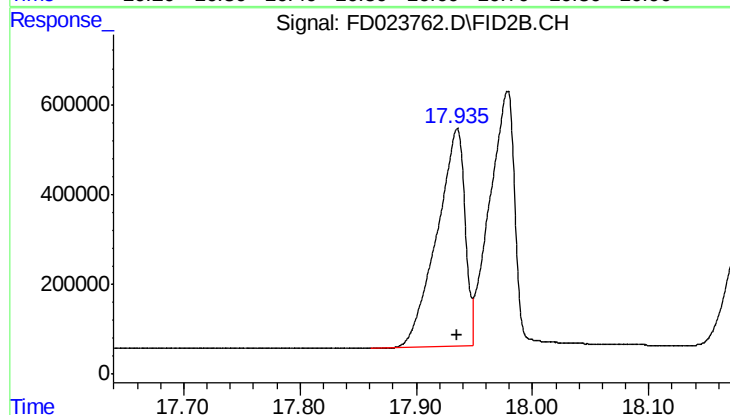
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 10186912
Conc: 103.00 ug/ml



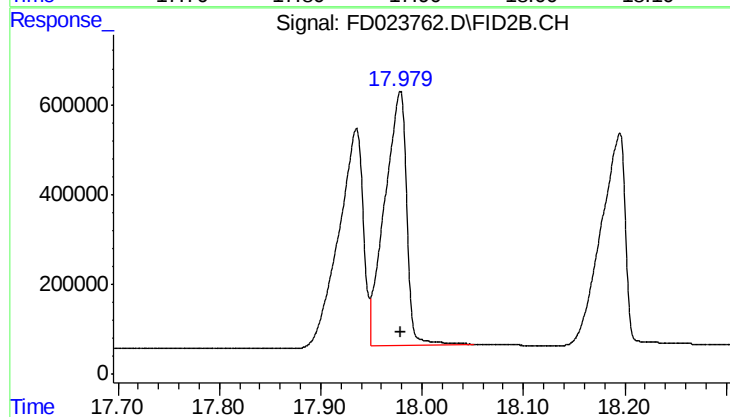
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 9922080
Conc: 102.53 ug/ml



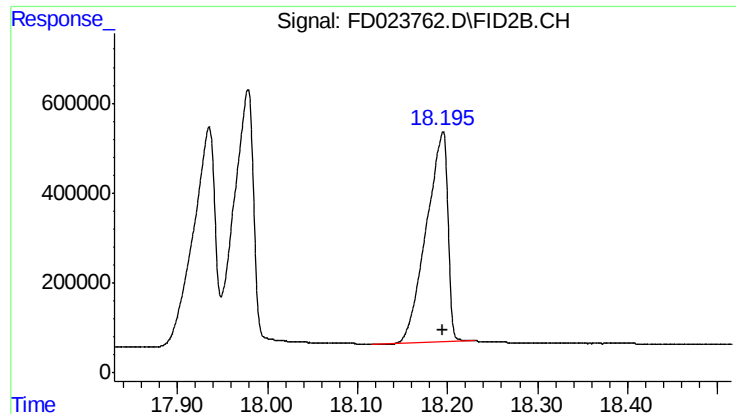
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.000 min
Response: 8142399
Conc: 99.64 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.000 min
Response: 8533984
Conc: 98.77 ug/ml



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

R.T.: 18.195 min
Delta R.T.: 0.000 min
Response: 7703641
Conc: 94.66 ug/ml