

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083121AR\
 Data File : FD038732.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 14:48
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 01 10:25:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083121.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 01 10:25:00 2021
 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

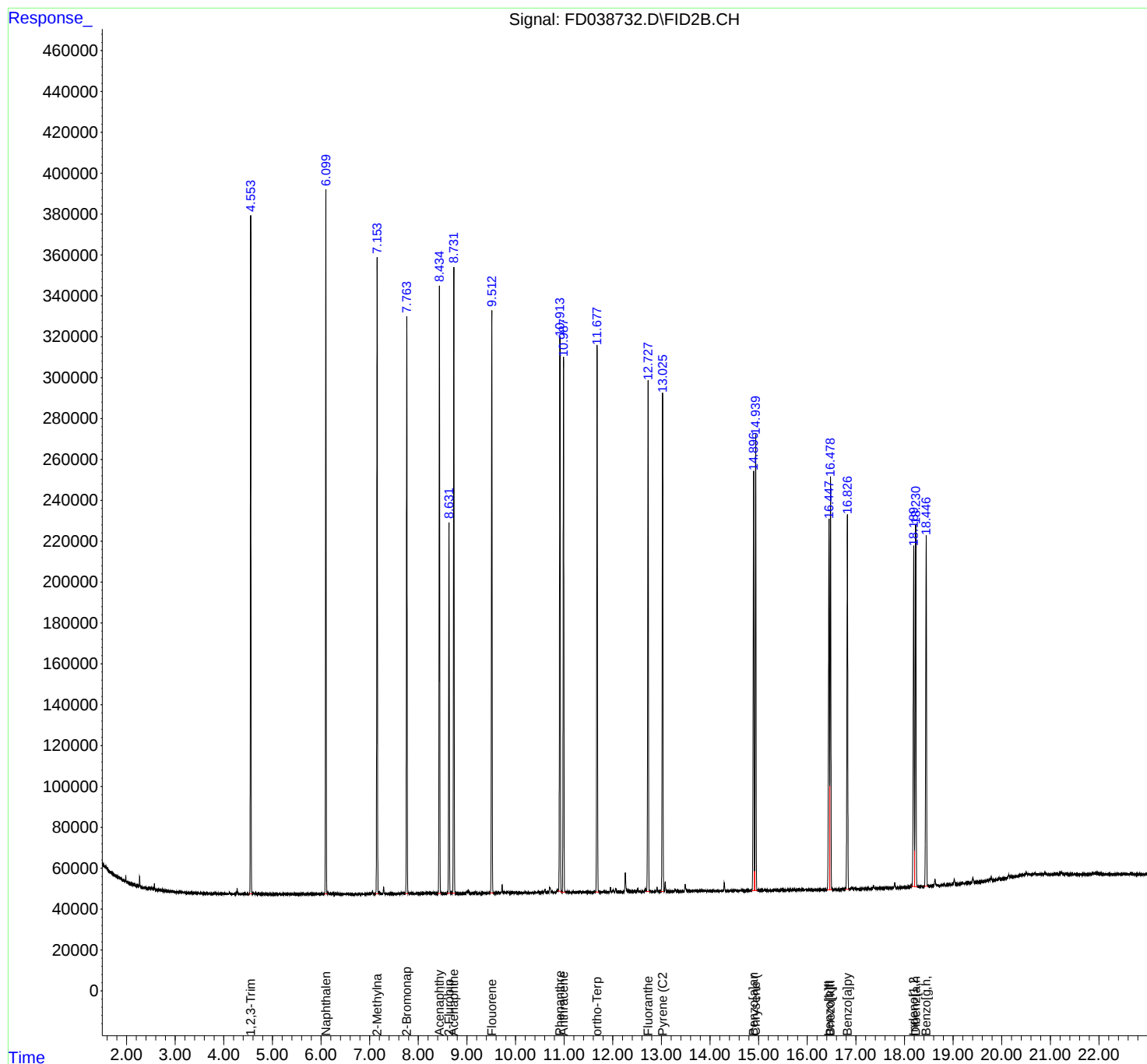
Compound	R.T.	Response	Conc Units

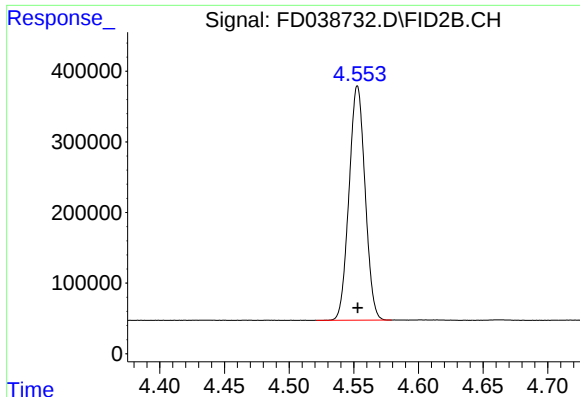
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.763	2623746	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.631	1809371	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.677	2859934	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	2868480	20.000 ug/ml
2) T Naphthalene (C11.7)	6.099	3027471	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	2972266	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.435	2885461	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.732	2971381	20.000 ug/ml
8) T Flouorene (C16.55)	9.513	2887378	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.913	2795687	20.000 ug/ml
10) T Anthracene (C19.43)	10.987	2700662	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.727	2720739	20.000 ug/ml
13) T Pyrene (C20.8)	13.025	2694290	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.896	2429166	20.000 ug/ml
15) T Chrysene (C27.41)	14.939	2478170	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.448	2323099	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.479	2256279	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.826	2150332	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.190	2130400	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.230	2193461	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.447	2149208	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

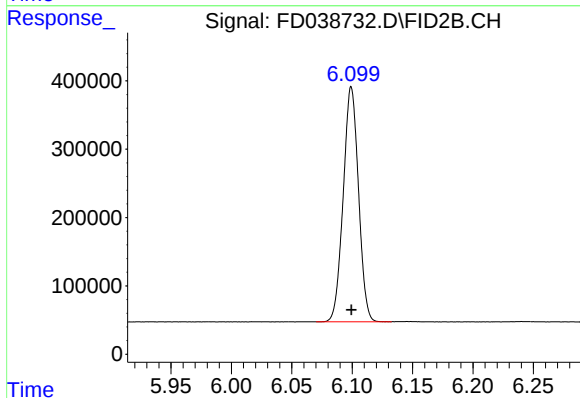




#1 1,2,3-Trimethylbenzene (C10.1)

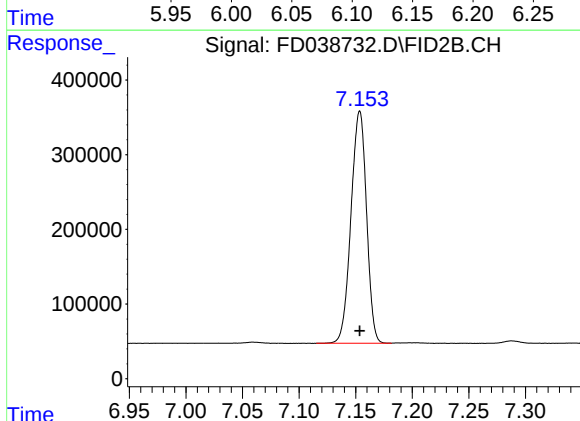
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 2868480
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



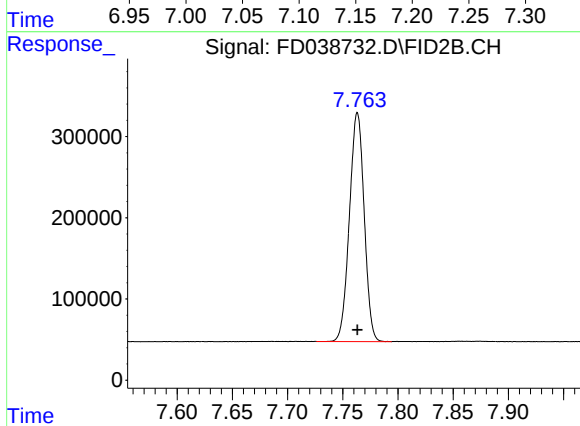
#2 Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3027471
Conc: 20.00 ug/ml



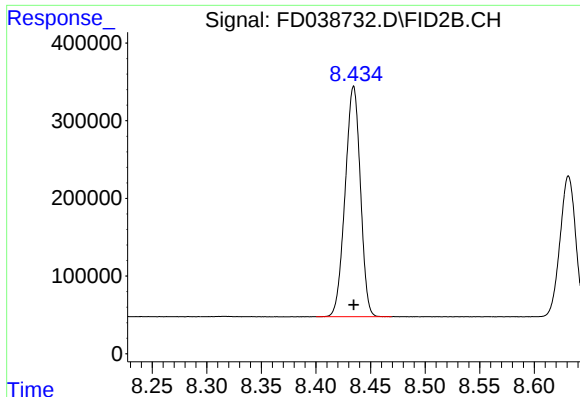
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 2972266
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

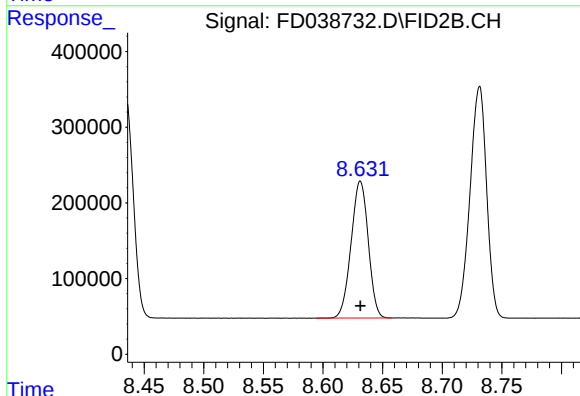
R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 2623746
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

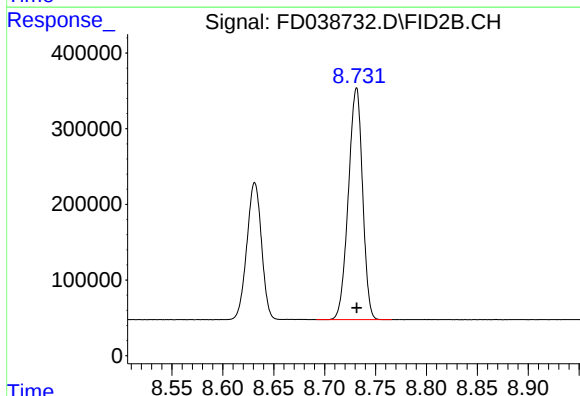
R.T.: 8.435 min
Delta R.T.: 0.000 min
Response: 2885461
Conc: 20.00 ug/ml

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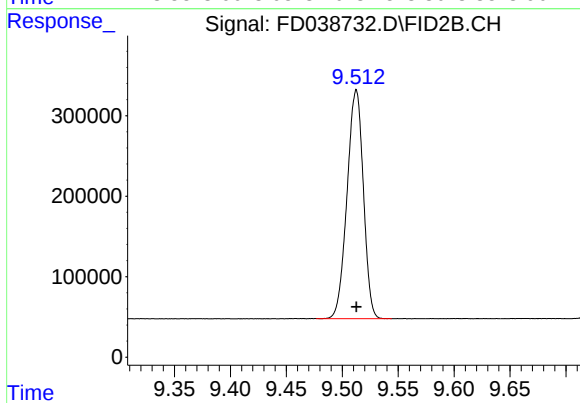
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: 0.000 min
Response: 1809371
Conc: 20.00 ug/ml



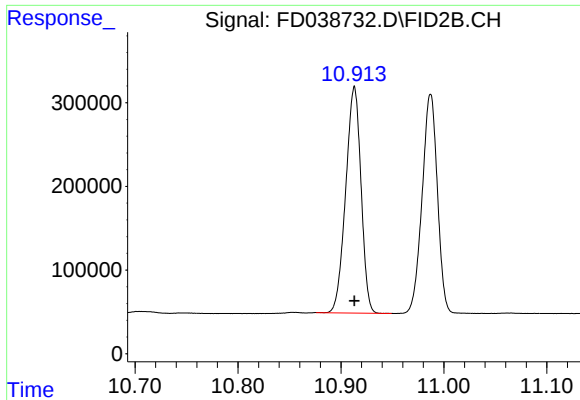
#7 Acenaphthene (C15.5)

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 2971381
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

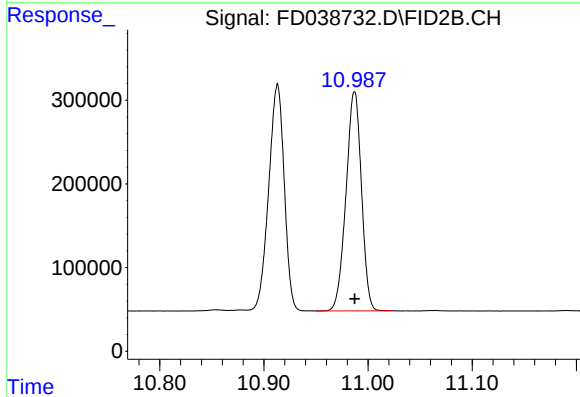
R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 2887378
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

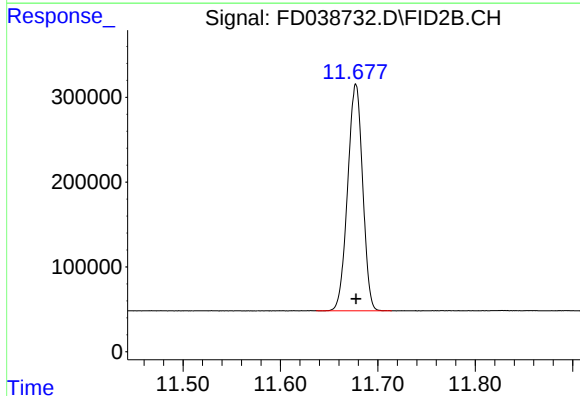
R.T.: 10.913 min
Delta R.T.: 0.000 min
Response: 2795687
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



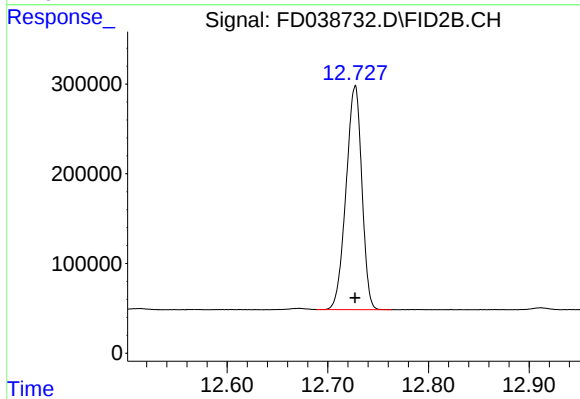
#10 Anthracene (C19.43)

R.T.: 10.987 min
Delta R.T.: 0.000 min
Response: 2700662
Conc: 20.00 ug/ml



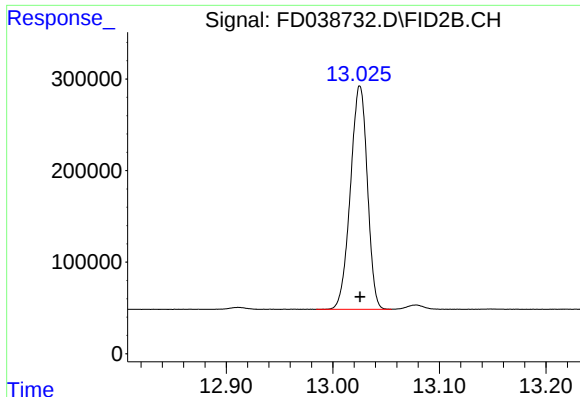
#11 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: 0.000 min
Response: 2859934
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

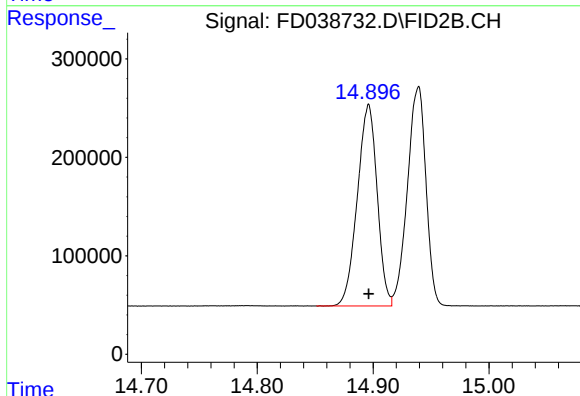
R.T.: 12.727 min
Delta R.T.: 0.000 min
Response: 2720739
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

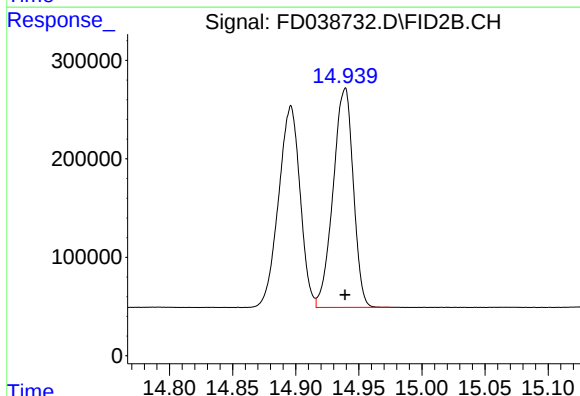
R.T.: 13.025 min
Delta R.T.: 0.000 min
Response: 2694290
Conc: 20.00 ug/ml

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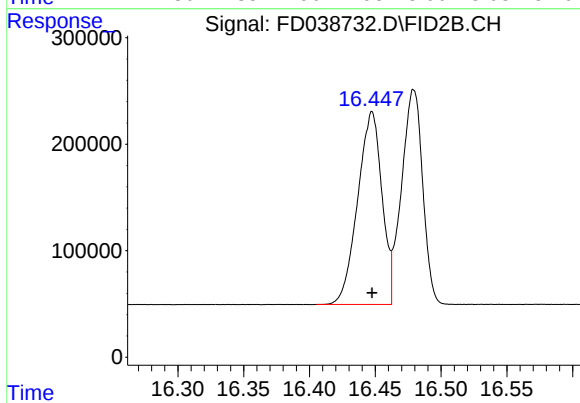
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.896 min
Delta R.T.: 0.000 min
Response: 2429166
Conc: 20.00 ug/ml



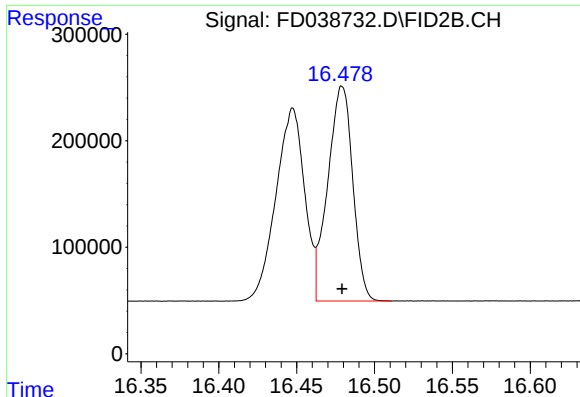
#15 Chrysene (C27.41)

R.T.: 14.939 min
Delta R.T.: 0.000 min
Response: 2478170
Conc: 20.00 ug/ml



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

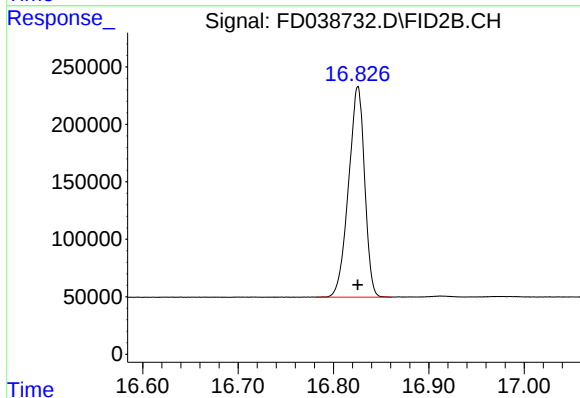
R.T.: 16.448 min
Delta R.T.: 0.000 min
Response: 2323099
Conc: 20.00 ug/ml



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

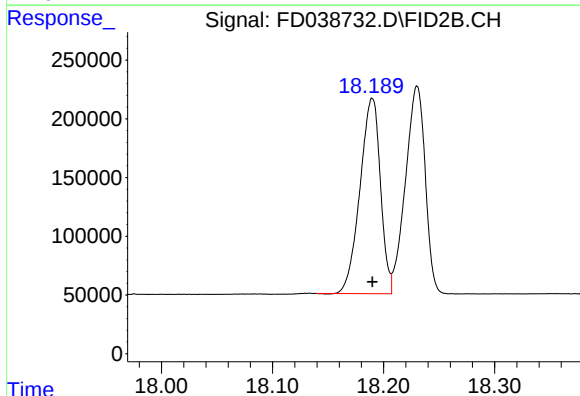
R.T.: 16.479 min
Delta R.T.: 0.000 min
Response: 2256279
Conc: 20.00 ug/ml

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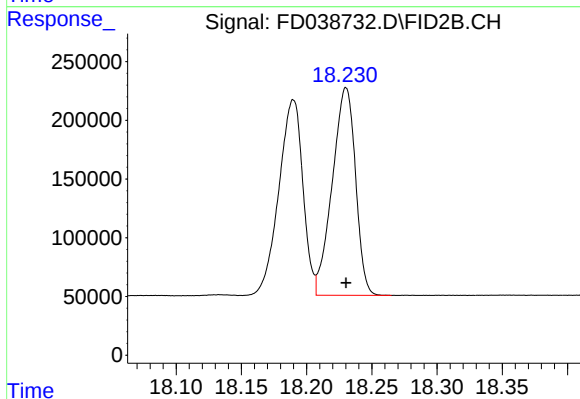
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.826 min
Delta R.T.: 0.000 min
Response: 2150332
Conc: 20.00 ug/ml



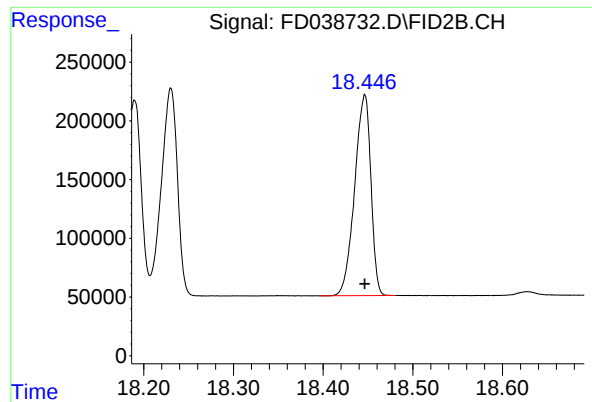
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.190 min
Delta R.T.: 0.000 min
Response: 2130400
Conc: 20.00 ug/ml



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

R.T.: 18.230 min
Delta R.T.: 0.000 min
Response: 2193461
Conc: 20.00 ug/ml



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

R.T.: 18.447 min
Delta R.T.: 0.000 min
Response: 2149208
Conc: 20.00 ug/ml

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