

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036954.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 6:36
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 16 07:21:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.585	2423429	17.231 ug/ml
Spiked Amount 50.000		Recovery =	34.46%
6) S 2-Fluorobiphenyl (SURR)	8.446	1558711	16.605 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.21%
11) S ortho-Terphenyl (SURR)	11.487	2484516	16.267 ug/ml
Spiked Amount 50.000		Recovery =	32.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.384	2669423	18.211 ug/ml
2) T Naphthalene (C11.7)	5.922	2767605	17.610 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	2713564	17.266 ug/ml
5) T Acenaphthylene (C15.06)	8.249	2523140	16.839 ug/ml
7) T Acenaphthene (C15.5)	8.544	2608608	16.804 ug/ml
8) T Flouorene (C16.55)	9.324	2472216	16.420 ug/ml
9) T Phenanthrene (C19.36)	10.719	2328433	15.886 ug/ml
10) T Anthracene (C19.43)	10.793	2268818	15.672 ug/ml
12) T Fluoranthene (C21.85)	12.529	2189196	15.593 ug/ml
13) T Pyrene (C20.8)	12.826	2153549	15.696 ug/ml
14) T Benzo[a]anthracene (C...	14.696	2038089	17.162 ug/ml
15) T Chrysene (C27.41)	14.737	2108759	17.437 ug/ml
16) T benzo[b]fluoranthene ...	16.245	2121710	19.335 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	2054903	19.331 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	1974139	19.808 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2082575	20.718 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	2105716	20.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2117786	20.902 ug/ml

(f)=RT Delta > 1/2 Window

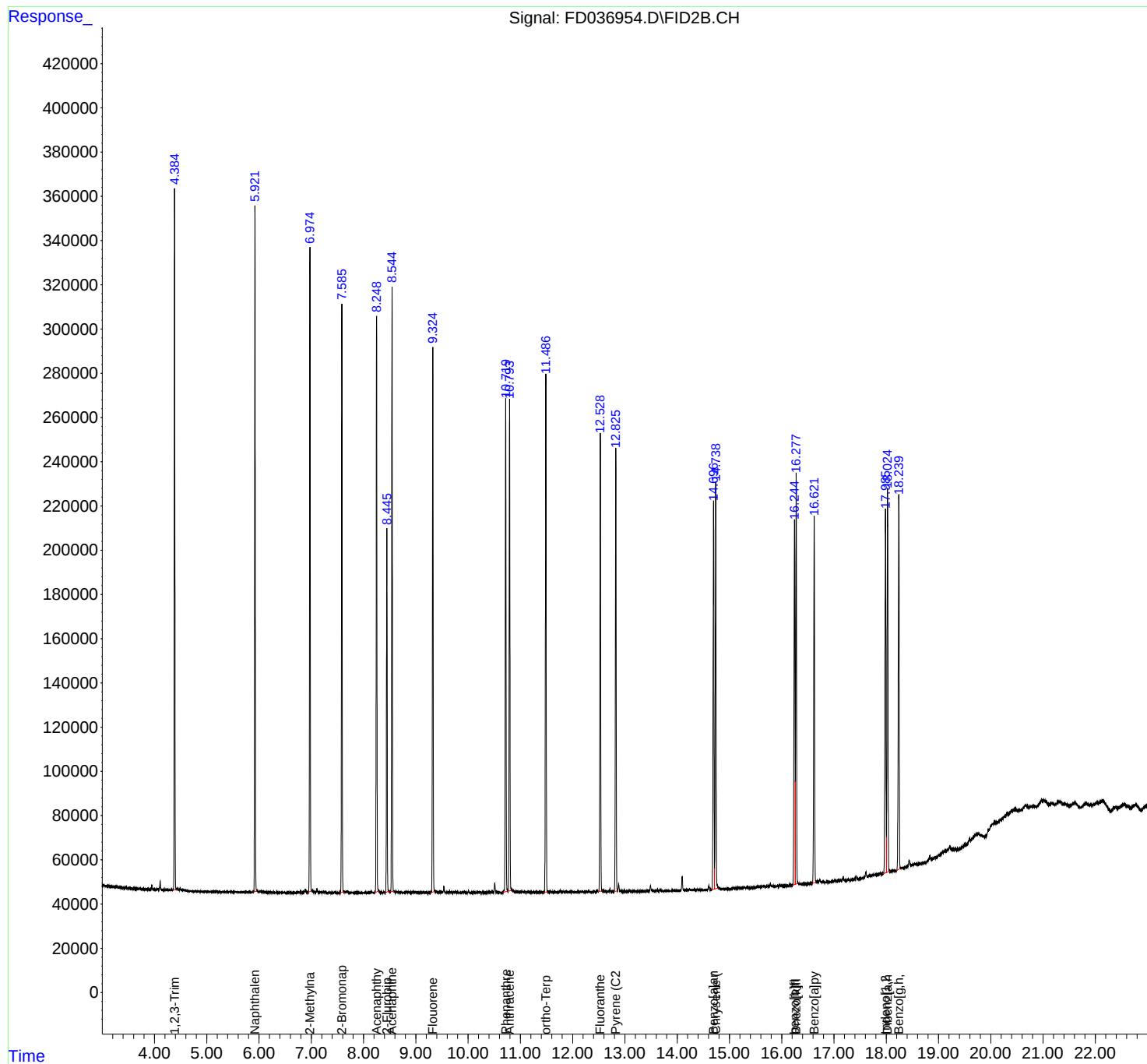
(m)=manual int.

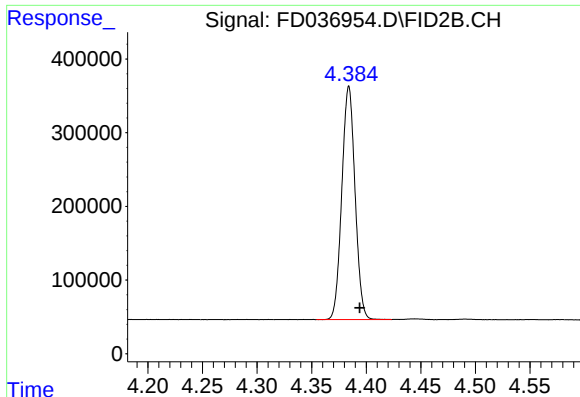
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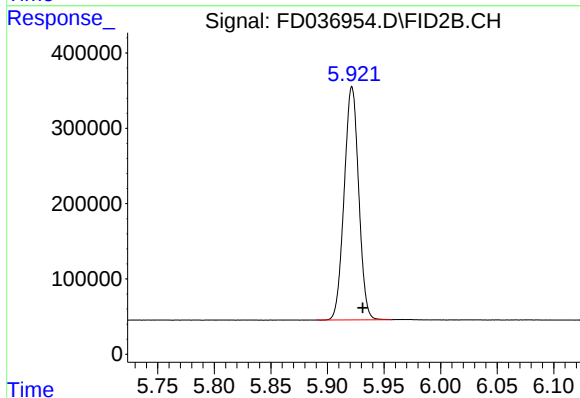




#1 1,2,3-Trimethylbenzene (C10.1)

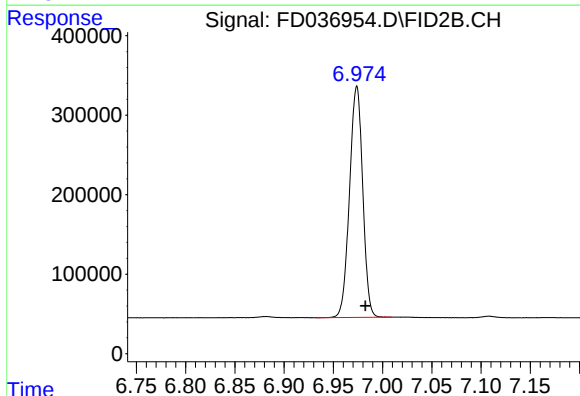
R.T.: 4.384 min
Delta R.T.: -0.010 min
Response: 2669423
Conc: 18.21 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



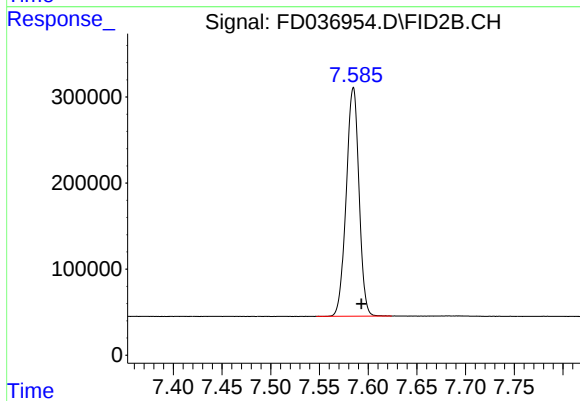
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.010 min
Response: 2767605
Conc: 17.61 ug/ml



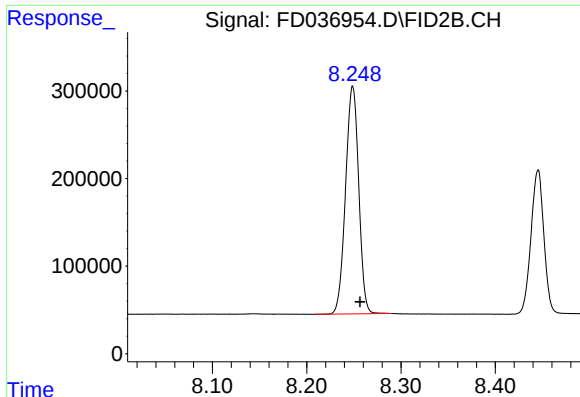
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.009 min
Response: 2713564
Conc: 17.27 ug/ml



#4 2-Bromonaphthalene (SURR)

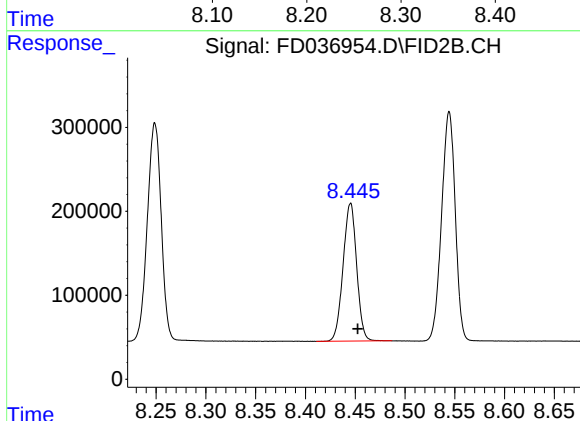
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 2423429
Conc: 17.23 ug/ml



#5 Acenaphthylene (C15.06)

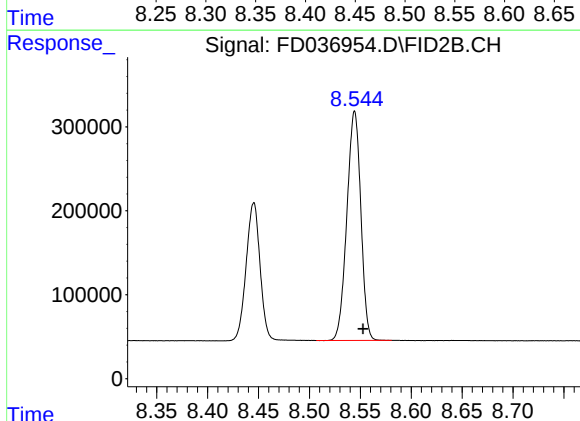
R.T.: 8.249 min
Delta R.T.: -0.008 min
Response: 2523140
Conc: 16.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



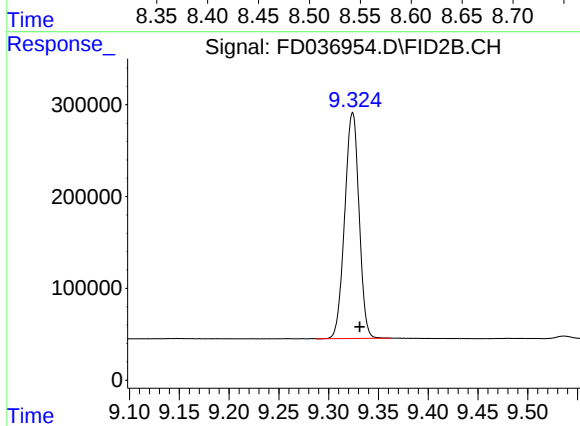
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.446 min
Delta R.T.: -0.007 min
Response: 1558711
Conc: 16.61 ug/ml



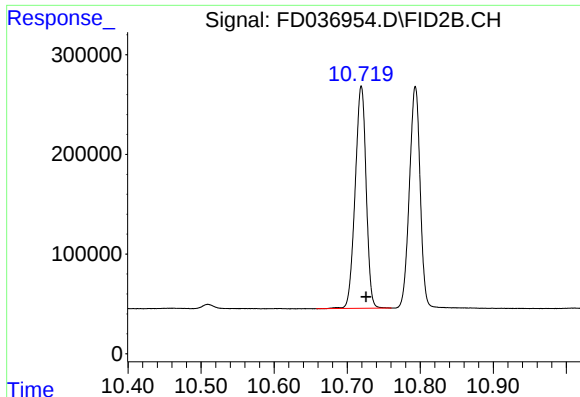
#7 Acenaphthene (C15.5)

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 2608608
Conc: 16.80 ug/ml



#8 Flouorene (C16.55)

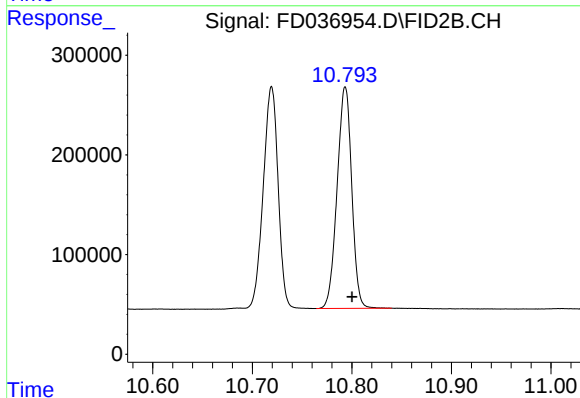
R.T.: 9.324 min
Delta R.T.: -0.007 min
Response: 2472216
Conc: 16.42 ug/ml



#9 Phenanthrene (C19.36)

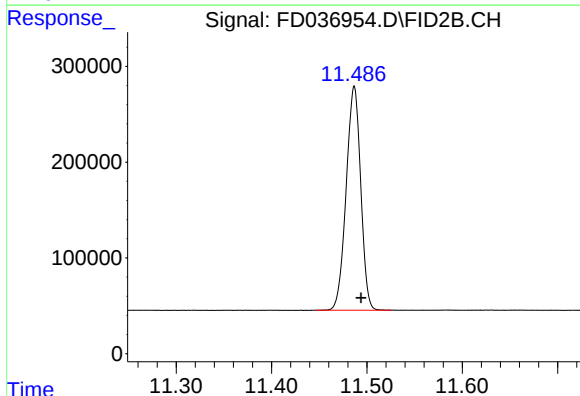
R.T.: 10.719 min
Delta R.T.: -0.007 min
Response: 2328433
Conc: 15.89 ug/ml

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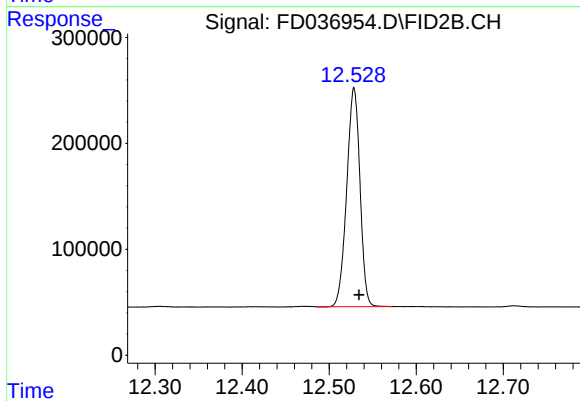
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: -0.007 min
Response: 2268818
Conc: 15.67 ug/ml



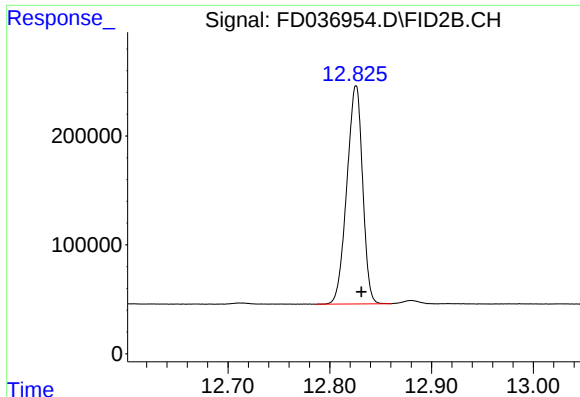
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 2484516
Conc: 16.27 ug/ml



#12 Fluoranthene (C21.85)

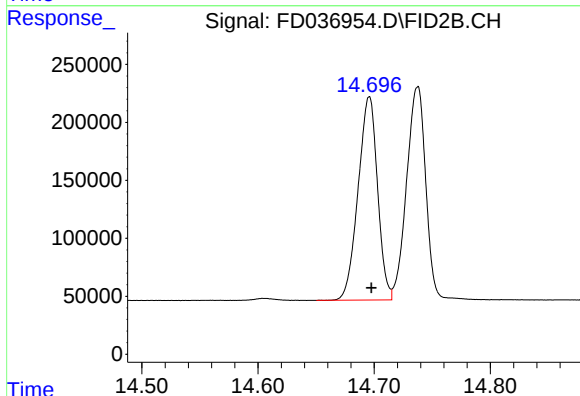
R.T.: 12.529 min
Delta R.T.: -0.006 min
Response: 2189196
Conc: 15.59 ug/ml



#13 Pyrene (C20.8)

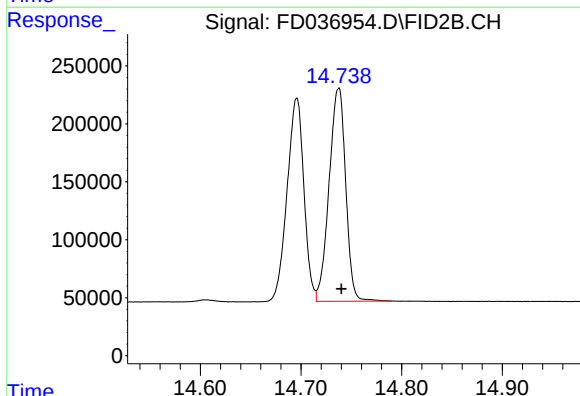
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2153549
Conc: 15.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



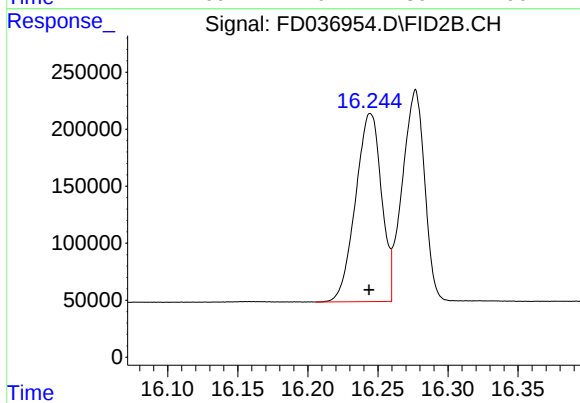
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: -0.002 min
Response: 2038089
Conc: 17.16 ug/ml



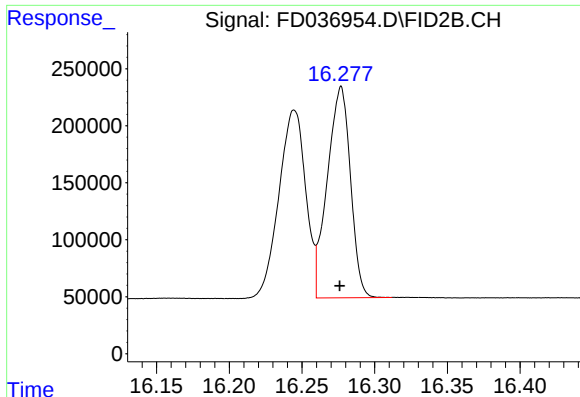
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2108759
Conc: 17.44 ug/ml



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

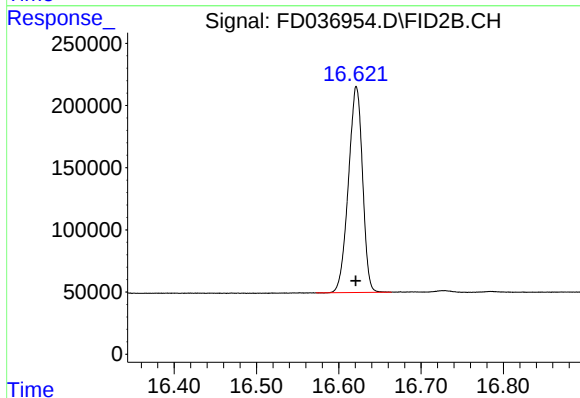
R.T.: 16.245 min
Delta R.T.: 0.001 min
Response: 2121710
Conc: 19.34 ug/ml



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

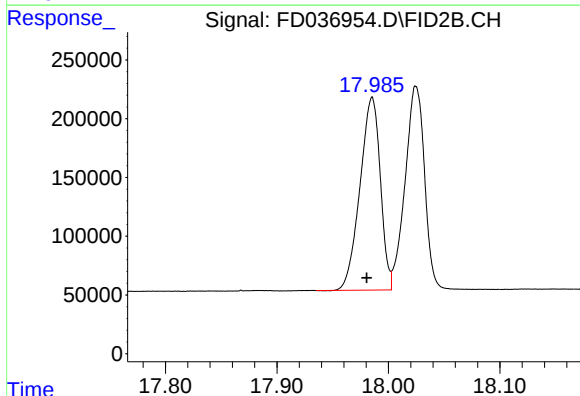
R.T.: 16.277 min
Delta R.T.: 0.000 min
Response: 2054903
Conc: 19.33 ug/ml

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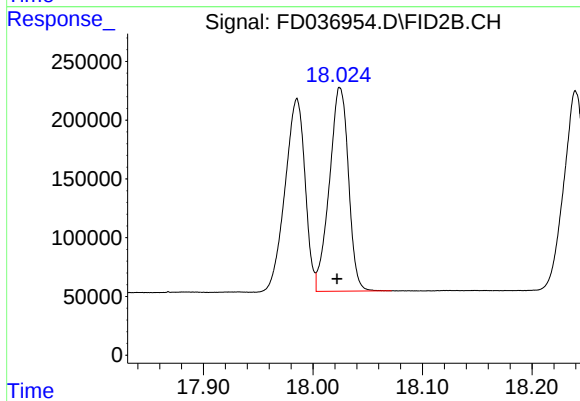
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 1974139
Conc: 19.81 ug/ml



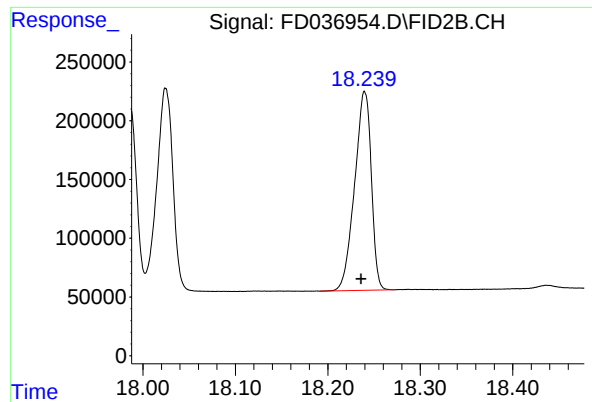
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.005 min
Response: 2082575
Conc: 20.72 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 2105716
Conc: 20.88 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.004 min
Response: 2117786
Conc: 20.90 ug/ml

Instrument :
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