

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040121AR\
 Data File : FD036678.D
 Signal(s) : FID2B.CH
 Acq On : 01 Apr 2021 11:58
 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 02 03:28:12 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...	7.588	2557628	18.185 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
6) S 2-Fluorobiphenyl (SURR)	8.449	1679036	17.887 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.77%
11) S ortho-Terphenyl (SURR)	11.489	2683439	17.570 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	2716041	18.529 ug/ml
2) T Naphthalene (C11.7)	5.926	2880755	18.330 ug/ml
3) T 2-Methylnaphthalene (...)	6.978	2863326	18.219 ug/ml
5) T Acenaphthylene (C15.06)	8.252	2710252	18.088 ug/ml
7) T Acenaphthene (C15.5)	8.548	2805329	18.072 ug/ml
8) T Flouorene (C16.55)	9.327	2681165	17.808 ug/ml
9) T Phenanthrene (C19.36)	10.721	2551879	17.410 ug/ml
10) T Anthracene (C19.43)	10.795	2496213	17.243 ug/ml
12) T Fluoranthene (C21.85)	12.529	2384377	16.983 ug/ml
13) T Pyrene (C20.8)	12.826	2322038	16.924 ug/ml
14) T Benzo[a]anthracene (C...	14.693	1979789	16.671 ug/ml
15) T Chrysene (C27.41)	14.735	2041294	16.880 ug/ml
16) T benzo[b]fluoranthene ...	16.239	1894354	17.264 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	1845146	17.358 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1756349	17.623 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	1839214	18.297 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	1868813	18.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	1890153	18.655 ug/ml

(f)=RT Delta > 1/2 Window

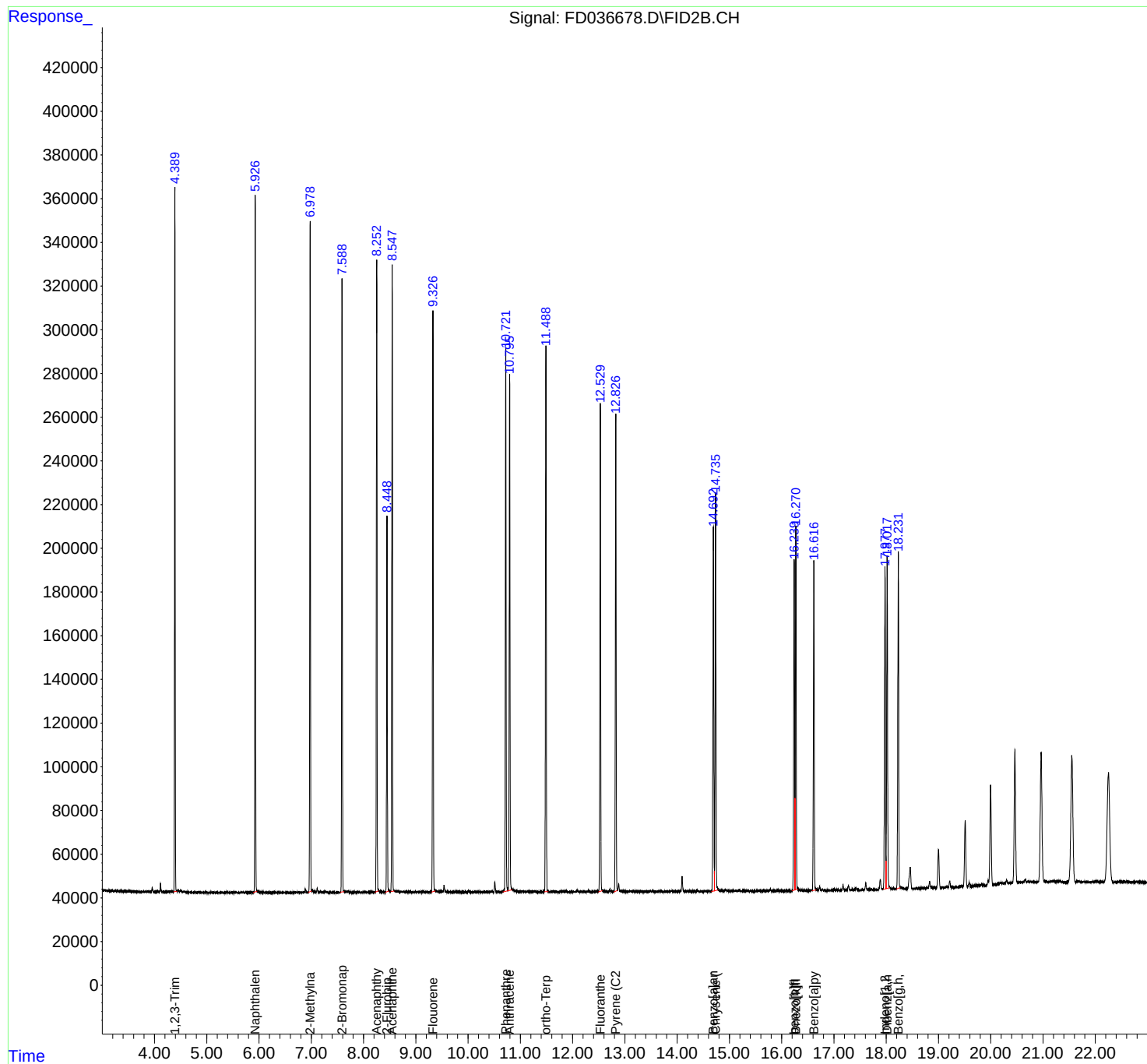
(m)=manual int.

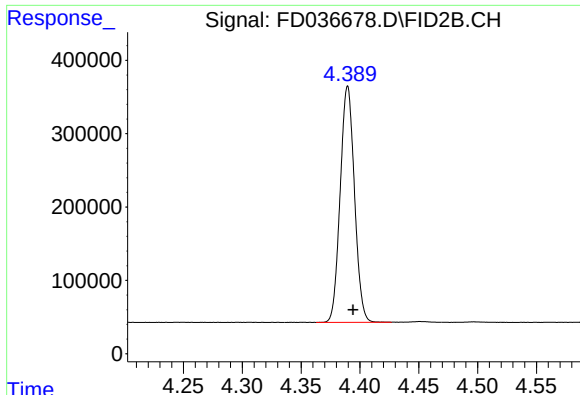
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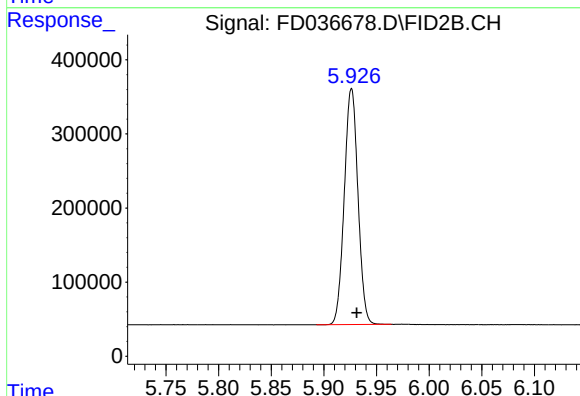




#1 1,2,3-Trimethylbenzene (C10.1)

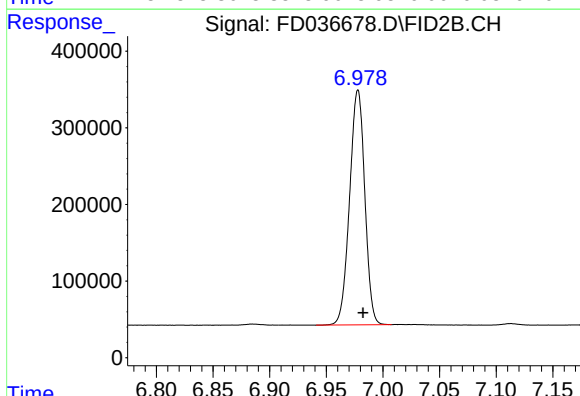
R.T.: 4.390 min
Delta R.T.: -0.004 min
Response: 2716041
Conc: 18.53 ug/ml

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20 PPM AROMATIC HC STD



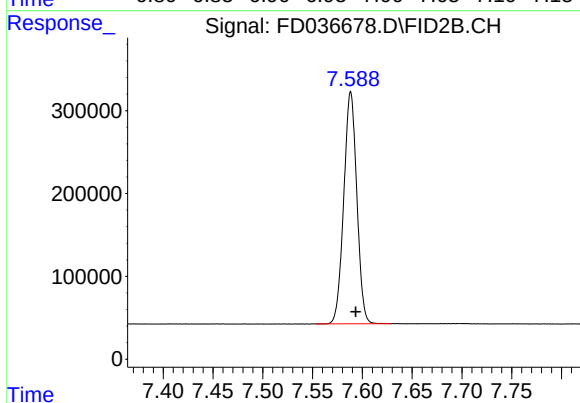
#2 Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 2880755
Conc: 18.33 ug/ml



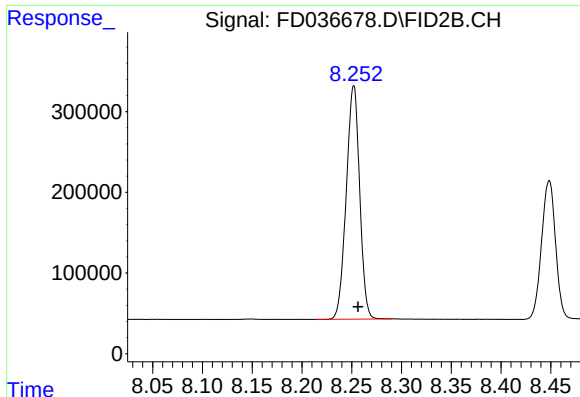
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 2863326
Conc: 18.22 ug/ml



#4 2-Bromonaphthalene (SURR)

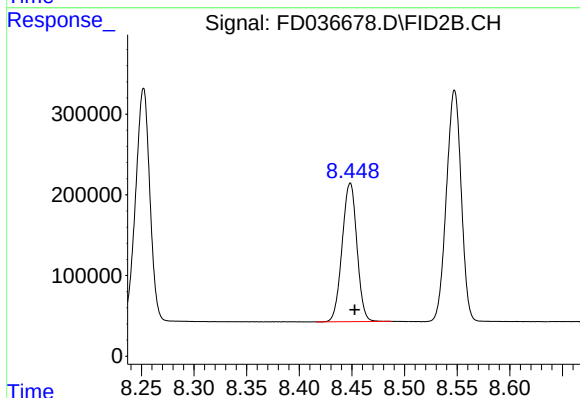
R.T.: 7.588 min
Delta R.T.: -0.005 min
Response: 2557628
Conc: 18.19 ug/ml



#5 Acenaphthylene (C15.06)

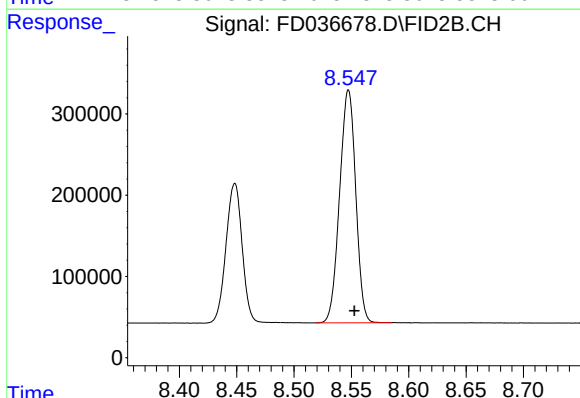
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 2710252
Conc: 18.09 ug/ml

Instrument :
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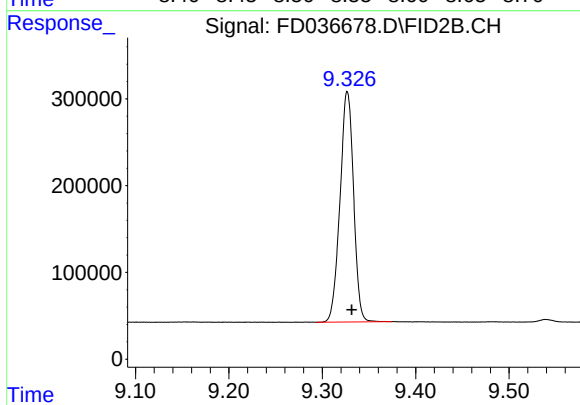
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.004 min
Response: 1679036
Conc: 17.89 ug/ml



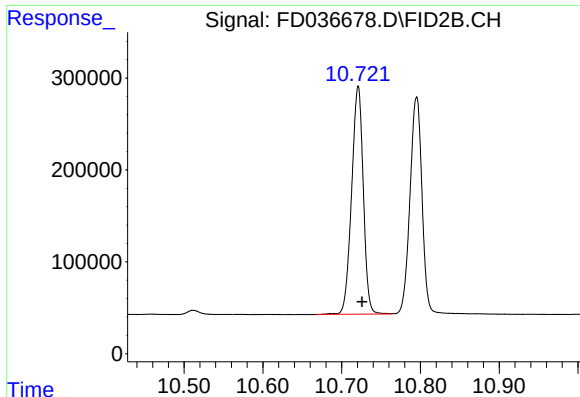
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.005 min
Response: 2805329
Conc: 18.07 ug/ml



#8 Flouorene (C16.55)

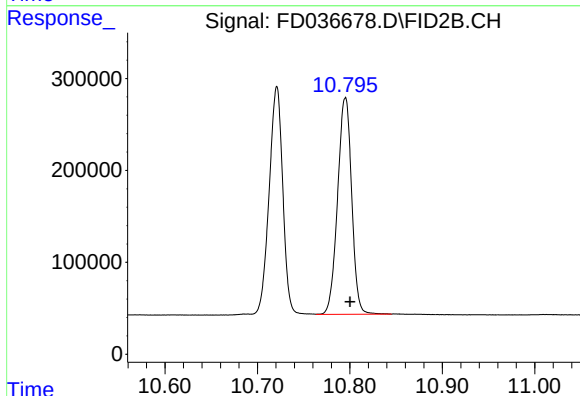
R.T.: 9.327 min
Delta R.T.: -0.005 min
Response: 2681165
Conc: 17.81 ug/ml



#9 Phenanthrene (C19.36)

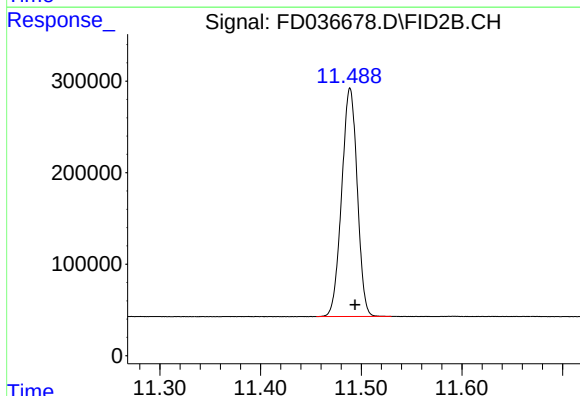
R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2551879
Conc: 17.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



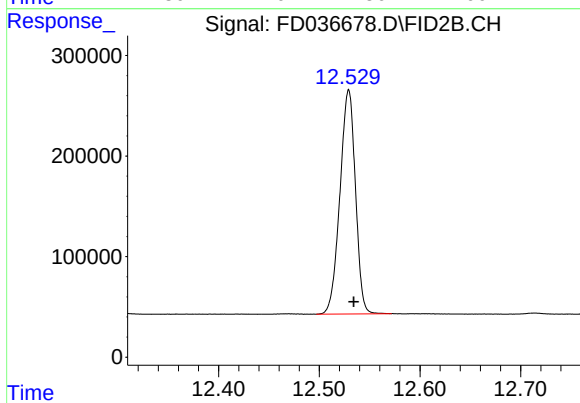
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.005 min
Response: 2496213
Conc: 17.24 ug/ml



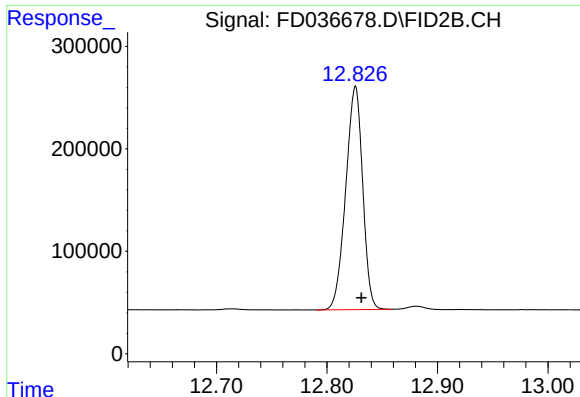
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2683439
Conc: 17.57 ug/ml



#12 Fluoranthene (C21.85)

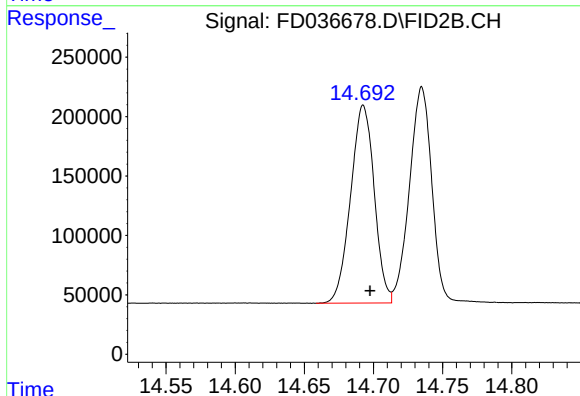
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 2384377
Conc: 16.98 ug/ml



#13 Pyrene (C20.8)

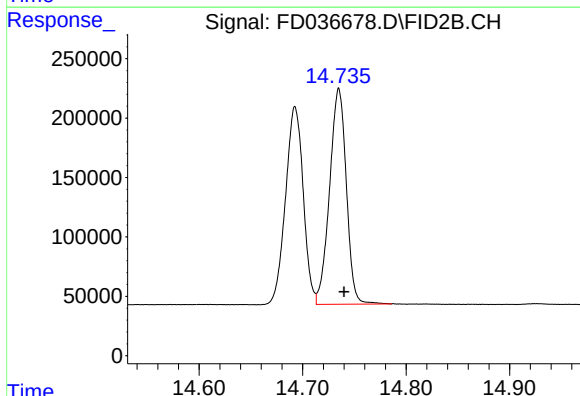
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2322038
Conc: 16.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



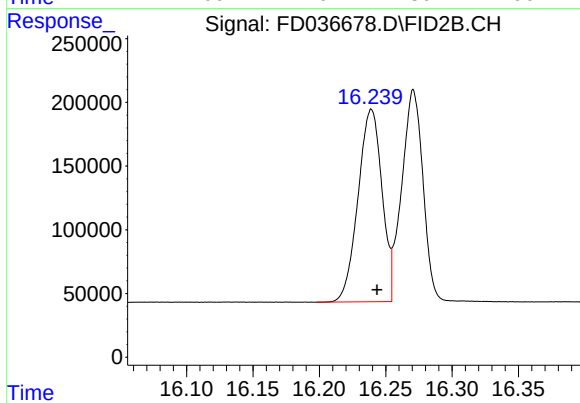
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 1979789
Conc: 16.67 ug/ml



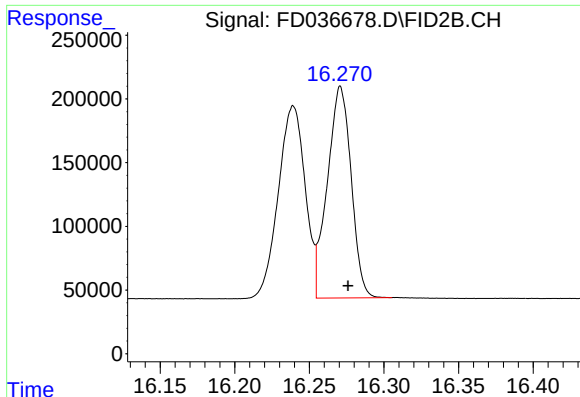
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2041294
Conc: 16.88 ug/ml



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

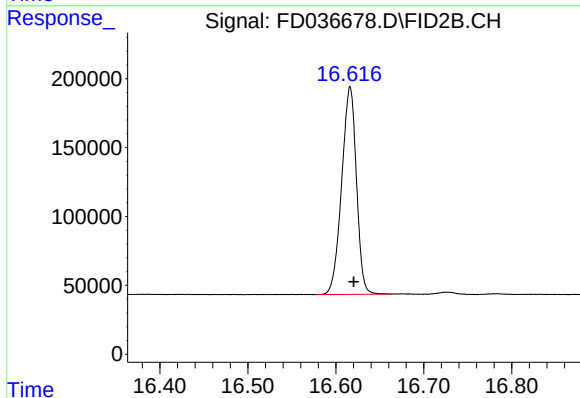
R.T.: 16.239 min
Delta R.T.: -0.004 min
Response: 1894354
Conc: 17.26 ug/ml



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

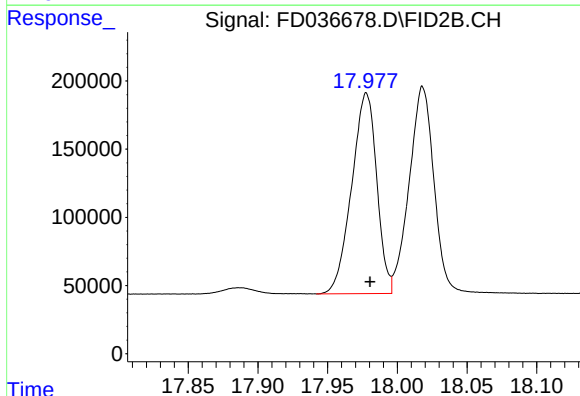
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 1845146
Conc: 17.36 ug/ml

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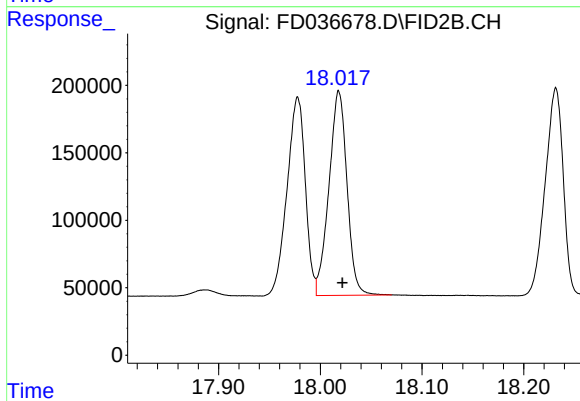
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.004 min
Response: 1756349
Conc: 17.62 ug/ml



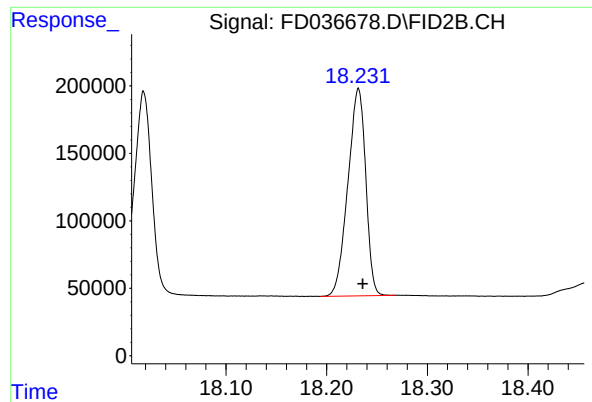
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.003 min
Response: 1839214
Conc: 18.30 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.004 min
Response: 1868813
Conc: 18.53 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 1890153
Conc: 18.66 ug/ml

Instrument :
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