

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041321AR\
 Data File : FD036882.D
 Signal(s) : FID2B.CH
 Acq On : 13 Apr 2021 22:55
 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 14 02:50:23 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...	7.586	2634717	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
6) S 2-Fluorobiphenyl (SURR)	8.447	1690034	18.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.01%
11) S ortho-Terphenyl (SURR)	11.487	2672936	17.501 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	2906248	19.827 ug/ml
2) T Naphthalene (C11.7)	5.924	3014607	19.182 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	2953386	18.792 ug/ml
5) T Acenaphthylene (C15.06)	8.251	2738405	18.275 ug/ml
7) T Acenaphthene (C15.5)	8.546	2827399	18.214 ug/ml
8) T Flouorene (C16.55)	9.326	2682173	17.815 ug/ml
9) T Phenanthrene (C19.36)	10.721	2517278	17.174 ug/ml
10) T Anthracene (C19.43)	10.795	2442692	16.873 ug/ml
12) T Fluoranthene (C21.85)	12.529	2357282	16.790 ug/ml
13) T Pyrene (C20.8)	12.826	2306261	16.809 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2175895	18.322 ug/ml
15) T Chrysene (C27.41)	14.737	2253756	18.636 ug/ml
16) T benzo[b]fluoranthene ...	16.244	2273799	20.721 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	2206307	20.756 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.621	2117217	21.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2241592	22.300 ug/ml
20) T Dibenz[a,h]anthracene...	18.024	2305283	22.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2277831	22.481 ug/ml

(f)=RT Delta > 1/2 Window

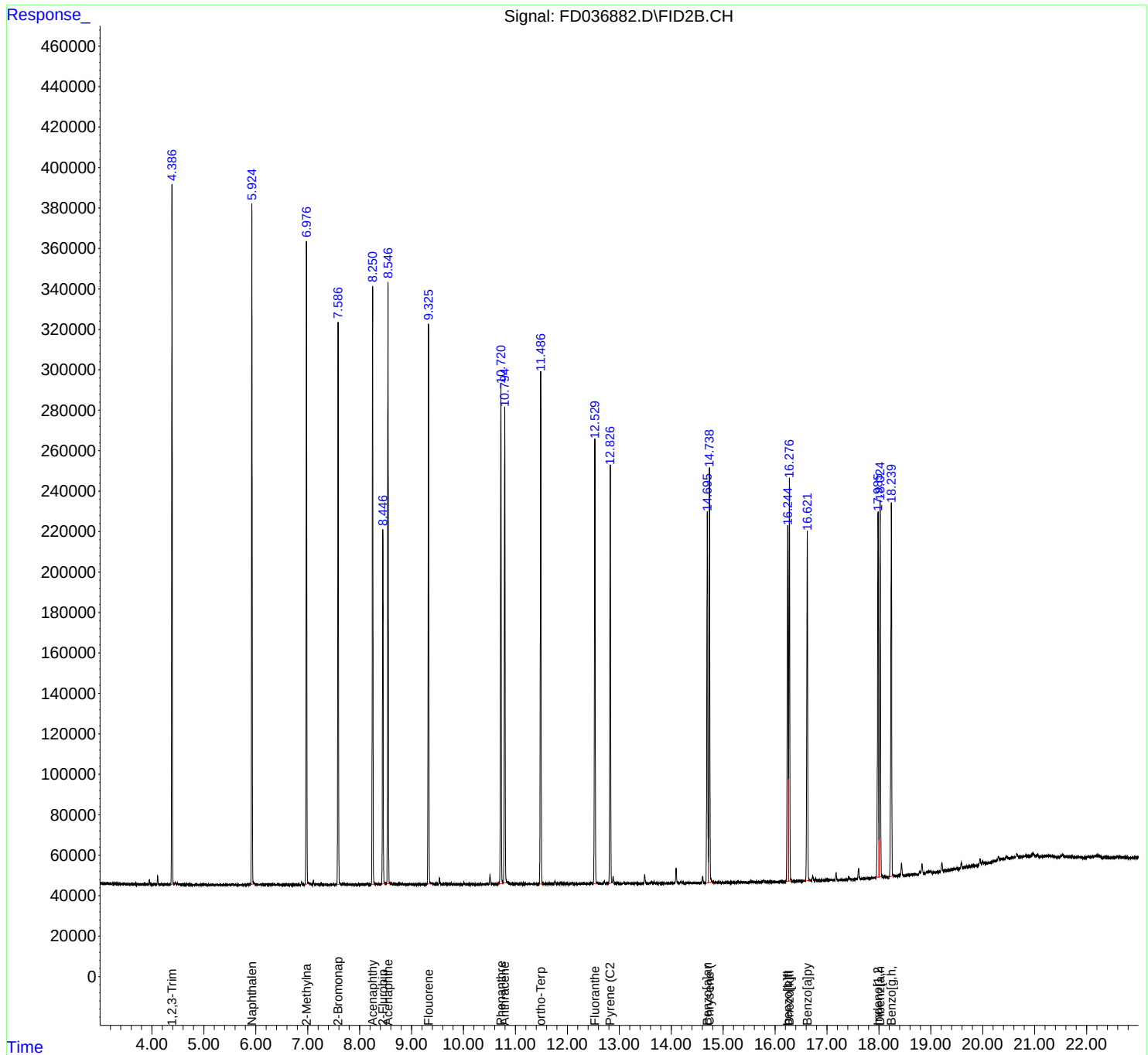
(m)=manual int.

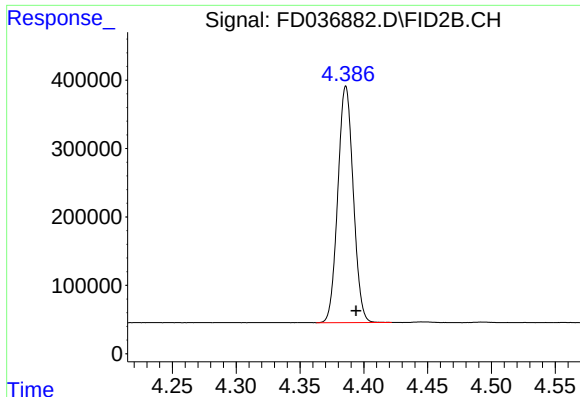
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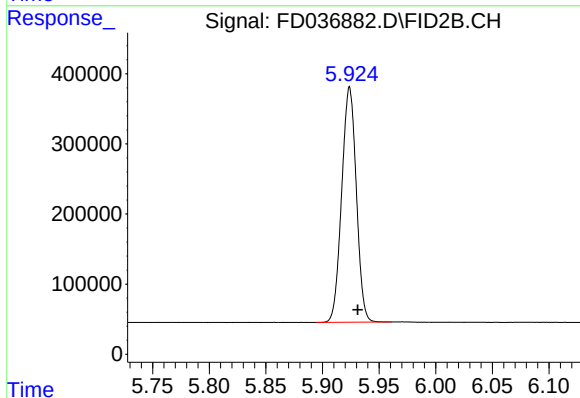




#1 1,2,3-Trimethylbenzene (C10.1)

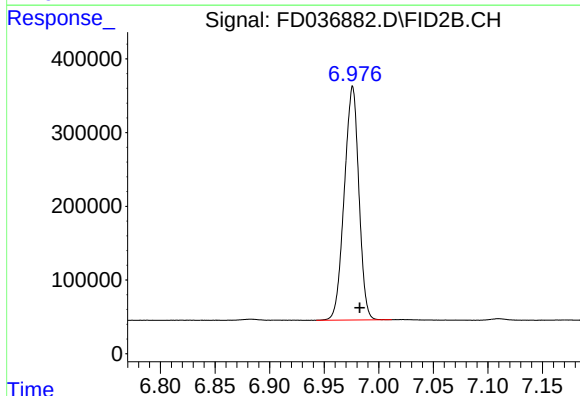
R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 2906248
Conc: 19.83 ug/ml

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20 PPM AROMATIC HC STD



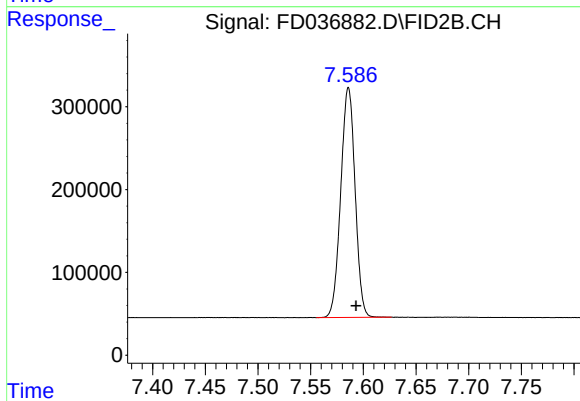
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 3014607
Conc: 19.18 ug/ml



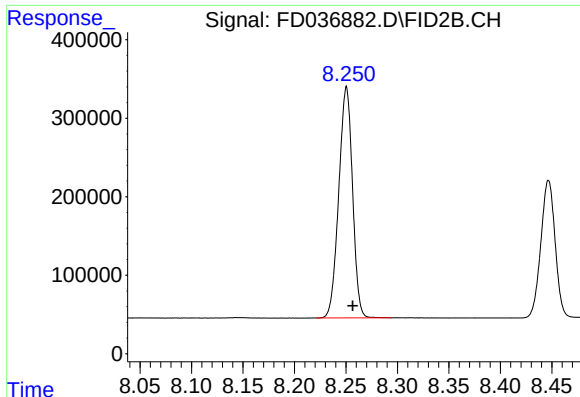
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 2953386
Conc: 18.79 ug/ml



#4 2-Bromonaphthalene (SURR)

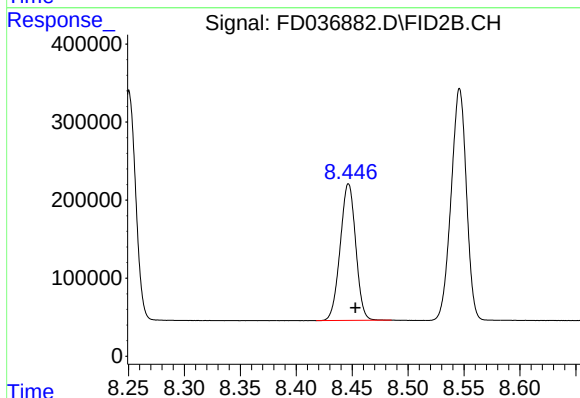
R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 2634717
Conc: 18.73 ug/ml



#5 Acenaphthylene (C15.06)

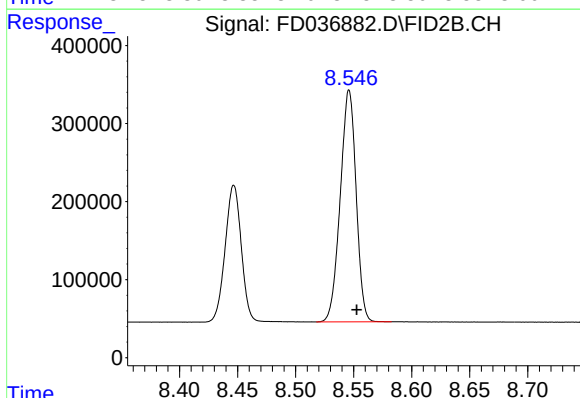
R.T.: 8.251 min
Delta R.T.: -0.006 min
Response: 2738405
Conc: 18.28 ug/ml

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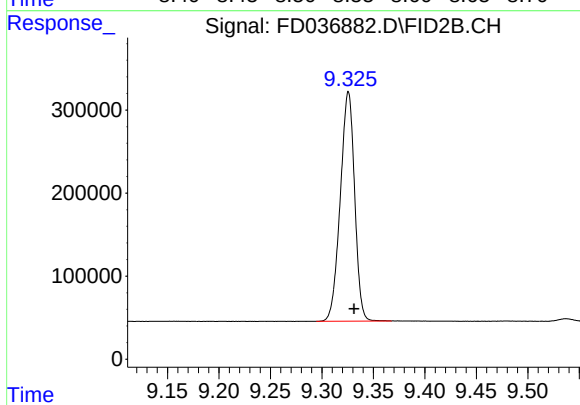
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 1690034
Conc: 18.00 ug/ml



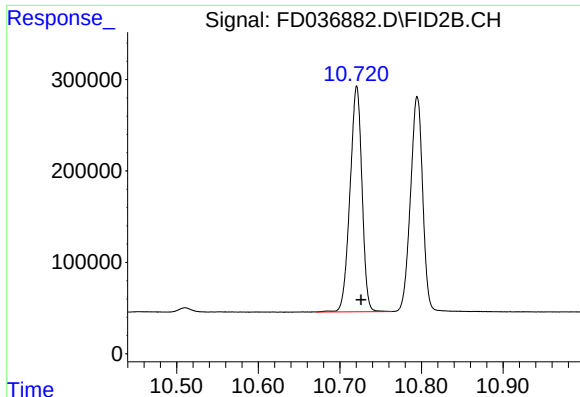
#7 Acenaphthene (C15.5)

R.T.: 8.546 min
Delta R.T.: -0.007 min
Response: 2827399
Conc: 18.21 ug/ml



#8 Fluorene (C16.55)

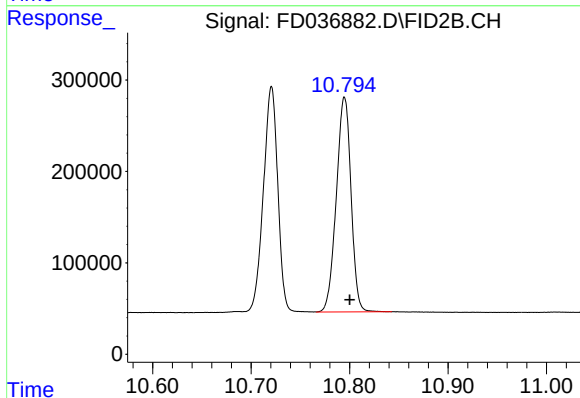
R.T.: 9.326 min
Delta R.T.: -0.006 min
Response: 2682173
Conc: 17.81 ug/ml



#9 Phenanthrene (C19.36)

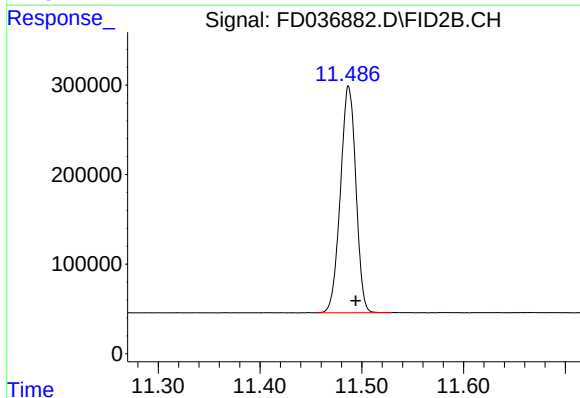
R.T.: 10.721 min
Delta R.T.: -0.005 min
Response: 2517278
Conc: 17.17 ug/ml

Instrument :
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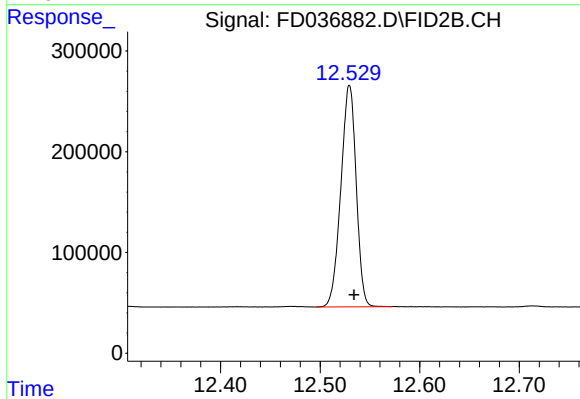
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: -0.005 min
Response: 2442692
Conc: 16.87 ug/ml



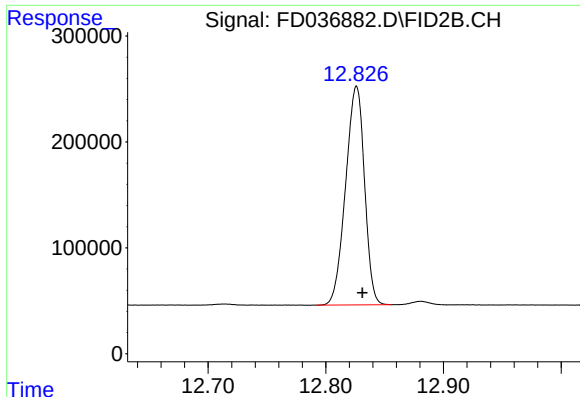
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.007 min
Response: 2672936
Conc: 17.50 ug/ml



#12 Fluoranthene (C21.85)

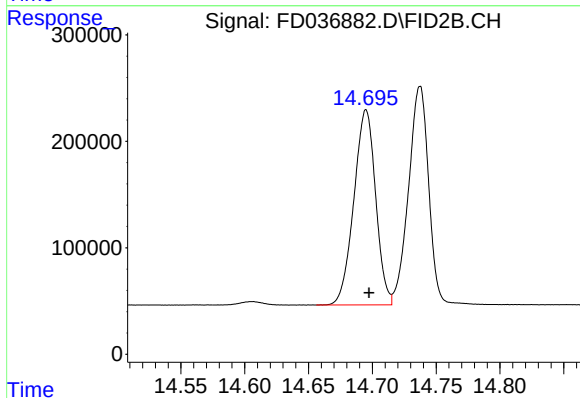
R.T.: 12.529 min
Delta R.T.: -0.005 min
Response: 2357282
Conc: 16.79 ug/ml



#13 Pyrene (C20.8)

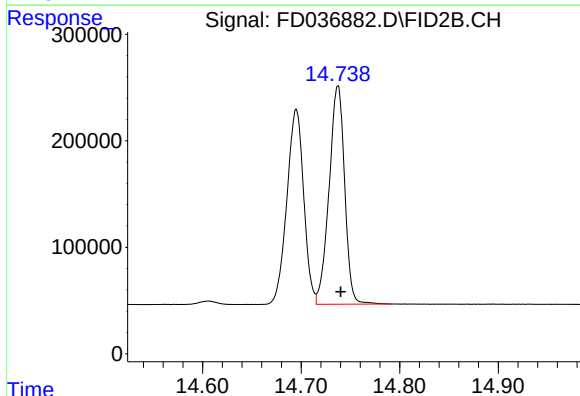
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2306261
Conc: 16.81 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



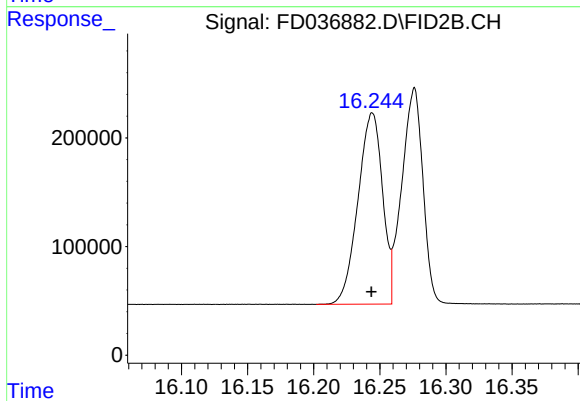
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 2175895
Conc: 18.32 ug/ml



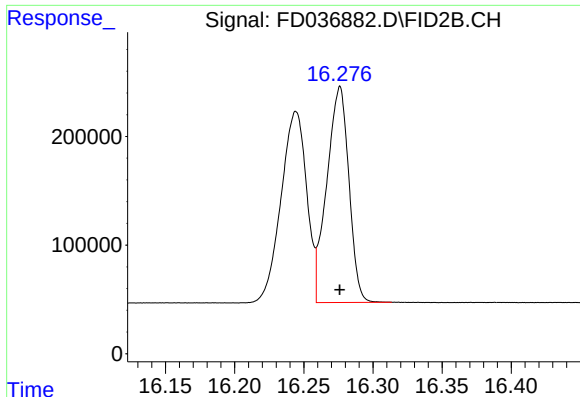
#15 Chrysene (C27.41)

R.T.: 14.737 min
Delta R.T.: -0.003 min
Response: 2253756
Conc: 18.64 ug/ml



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

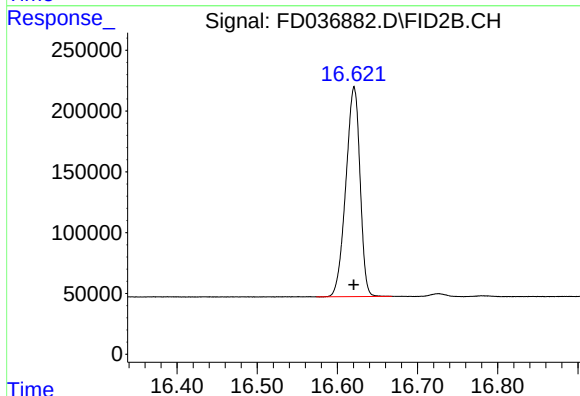
R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 2273799
Conc: 20.72 ug/ml



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

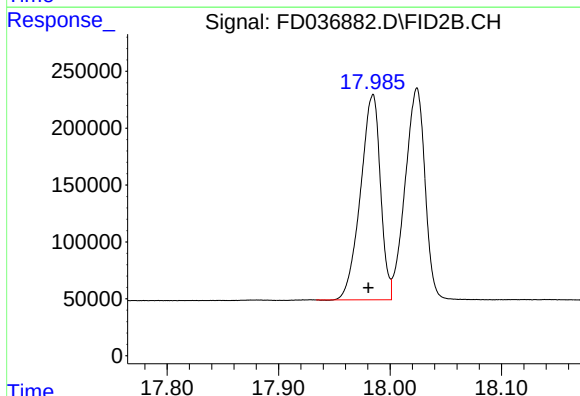
R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2206307
Conc: 20.76 ug/ml

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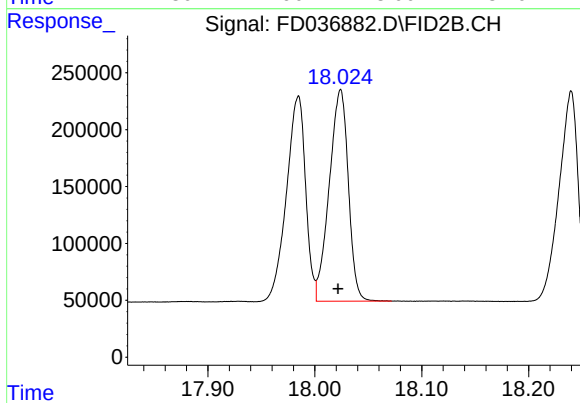
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 2117217
Conc: 21.24 ug/ml



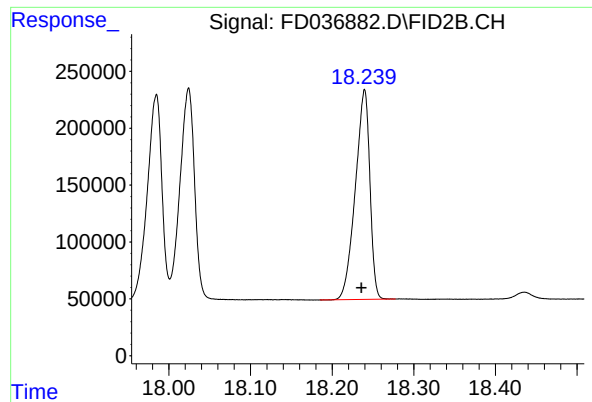
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: 0.004 min
Response: 2241592
Conc: 22.30 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.002 min
Response: 2305283
Conc: 22.86 ug/ml



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

R.T.: 18.240 min
Delta R.T.: 0.004 min
Response: 2277831
Conc: 22.48 ug/ml

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