

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032521AR\
 Data File : FD036528.D
 Signal(s) : FID2B.CH
 Acq On : 25 Mar 2021 10:12
 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: sample.E
 Quant Time: Mar 26 01:28:21 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...	7.592	2929061	20.826 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
6) S 2-Fluorobiphenyl (SURR)	8.451	1948583	20.759 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.52%
11) S ortho-Terphenyl (SURR)	11.491	3122102	20.442 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	3067640	20.928 ug/ml
2) T Naphthalene (C11.7)	5.930	3276982	20.851 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	3270989	20.812 ug/ml
5) T Acenaphthylene (C15.06)	8.255	3116888	20.801 ug/ml
7) T Acenaphthene (C15.5)	8.551	3225100	20.776 ug/ml
8) T Flouorene (C16.55)	9.329	3116328	20.699 ug/ml
9) T Phenanthrene (C19.36)	10.723	2996440	20.444 ug/ml
10) T Anthracene (C19.43)	10.798	2919893	20.170 ug/ml
12) T Fluoranthene (C21.85)	12.532	2836678	20.205 ug/ml
13) T Pyrene (C20.8)	12.828	2760047	20.117 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2366447	19.927 ug/ml
15) T Chrysene (C27.41)	14.738	2418923	20.002 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2169342	19.770 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2109500	19.845 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	1961217	19.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1968605	19.585 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2004963	19.884 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	1998580	19.725 ug/ml

(f)=RT Delta > 1/2 Window

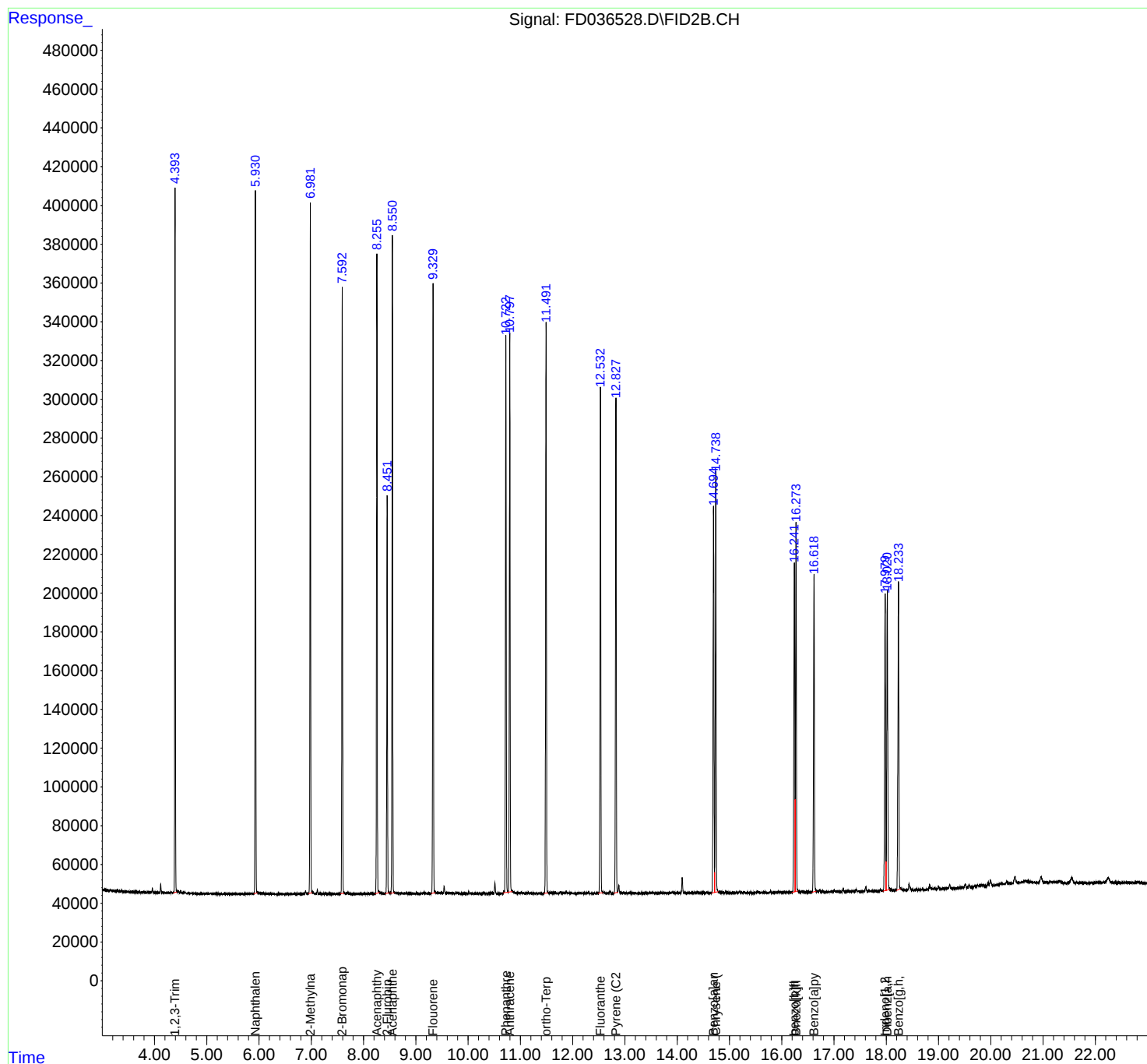
(m)=manual int.

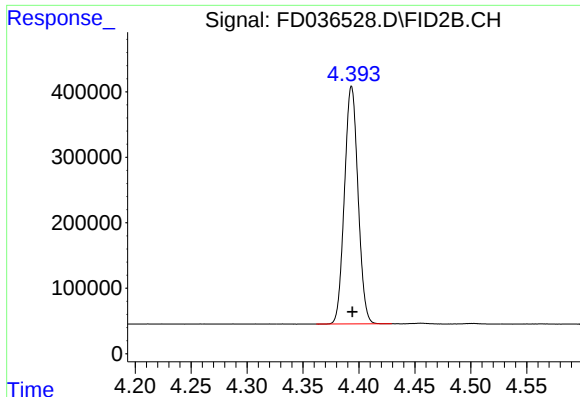
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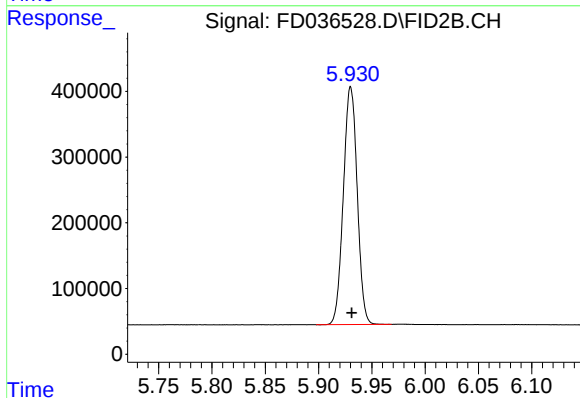




#1 1,2,3-Trimethylbenzene (C10.1)

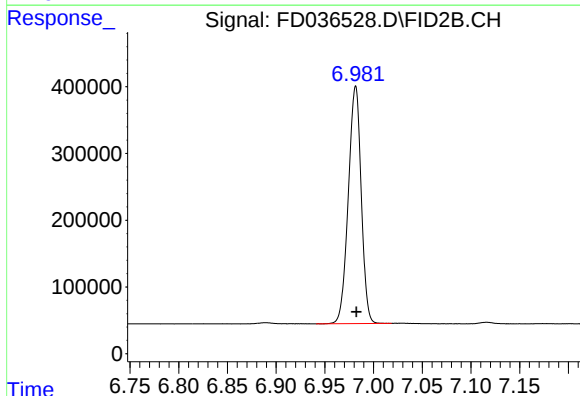
R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 3067640
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



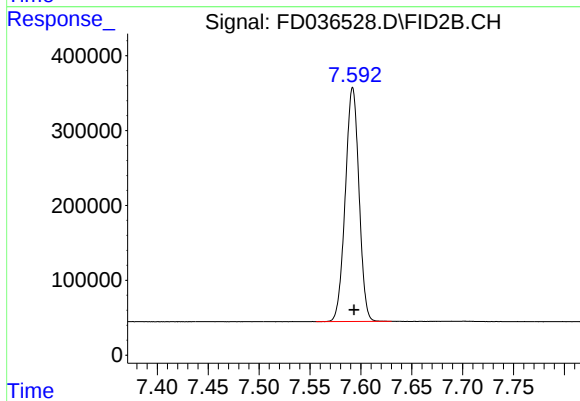
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 3276982
Conc: 20.85 ug/ml



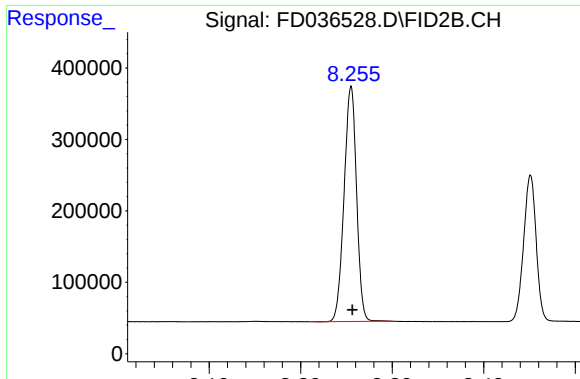
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 3270989
Conc: 20.81 ug/ml



#4 2-Bromonaphthalene (SURR)

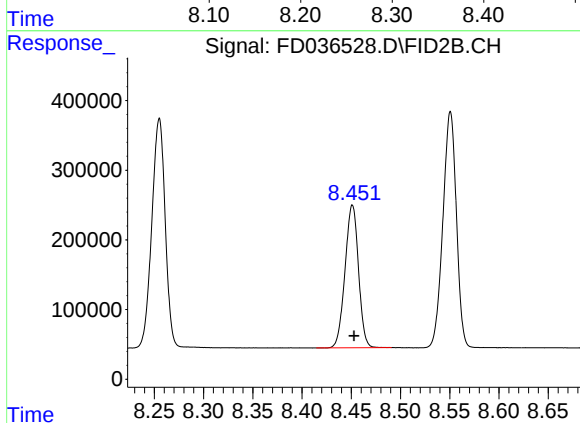
R.T.: 7.592 min
Delta R.T.: -0.001 min
Response: 2929061
Conc: 20.83 ug/ml



#5 Acenaphthylene (C15.06)

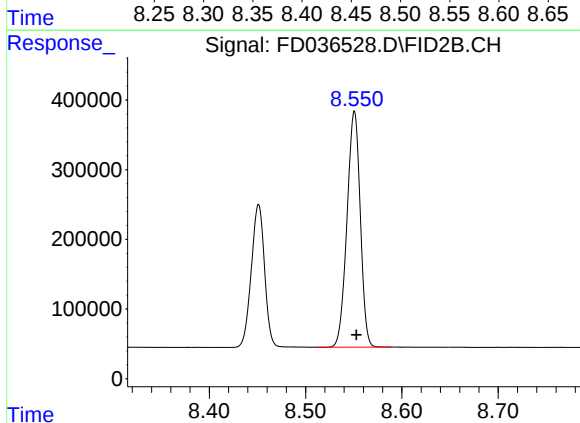
R.T.: 8.255 min
Delta R.T.: -0.001 min
Response: 3116888
Conc: 20.80 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



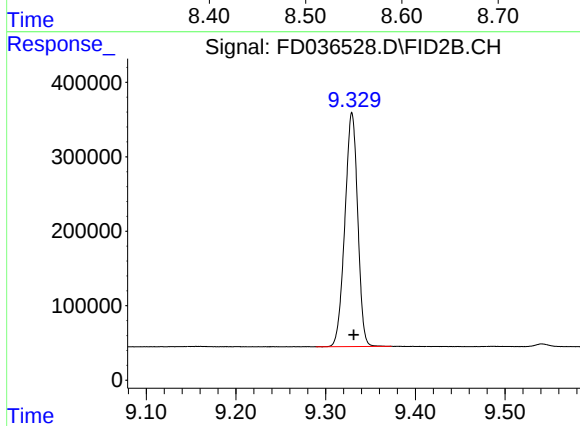
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1948583
Conc: 20.76 ug/ml



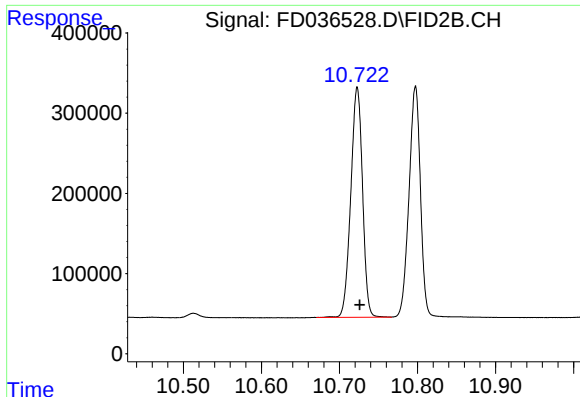
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 3225100
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

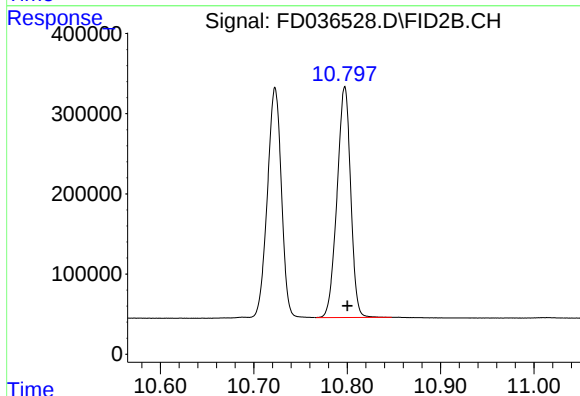
R.T.: 9.329 min
Delta R.T.: -0.002 min
Response: 3116328
Conc: 20.70 ug/ml



#9 Phenanthrene (C19.36)

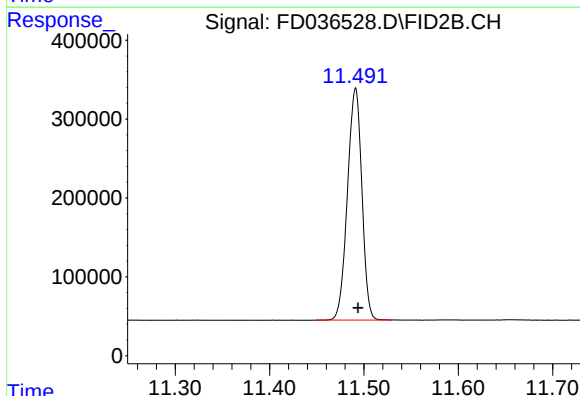
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 2996440
Conc: 20.44 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



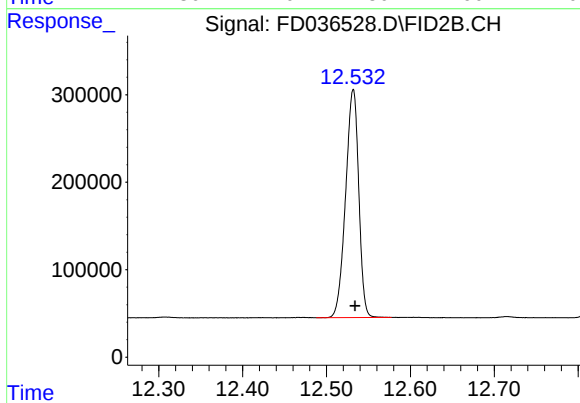
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.003 min
Response: 2919893
Conc: 20.17 ug/ml



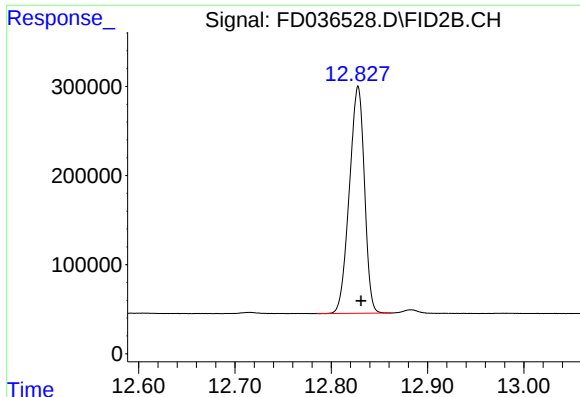
#11 ortho-Terphenyl (SURR)

R.T.: 11.491 min
Delta R.T.: -0.003 min
Response: 3122102
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

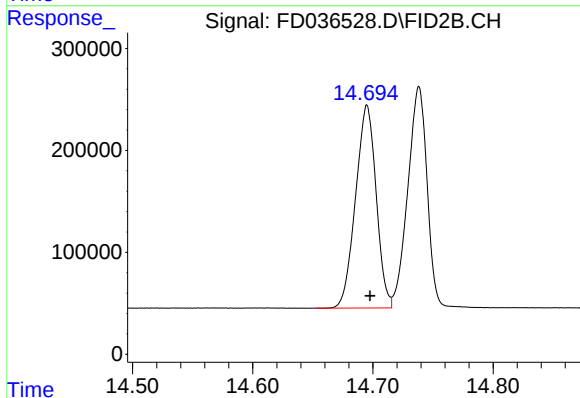
R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 2836678
Conc: 20.20 ug/ml



#13 Pyrene (C20.8)

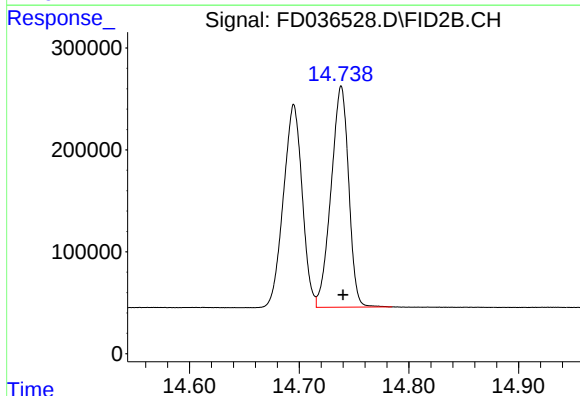
R.T.: 12.828 min
Delta R.T.: -0.003 min
Response: 2760047
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



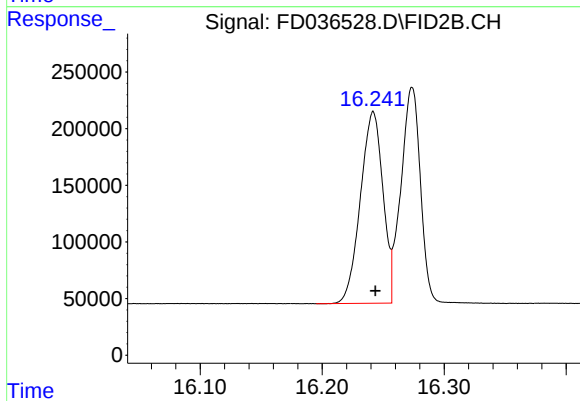
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.003 min
Response: 2366447
Conc: 19.93 ug/ml



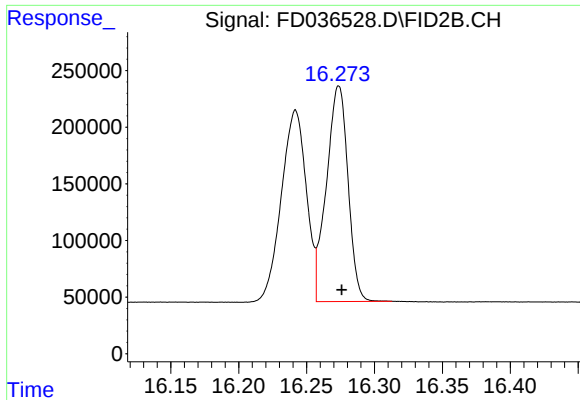
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 2418923
Conc: 20.00 ug/ml



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

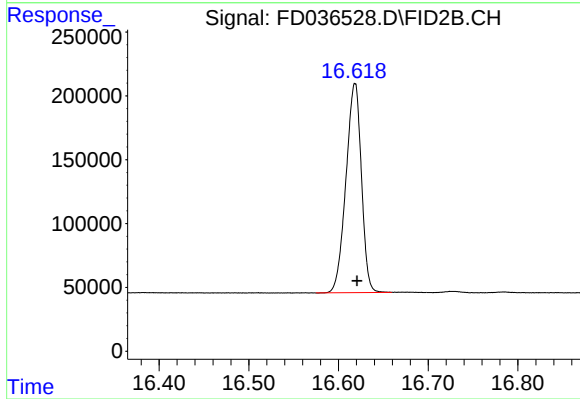
R.T.: 16.242 min
Delta R.T.: -0.002 min
Response: 2169342
Conc: 19.77 ug/ml



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

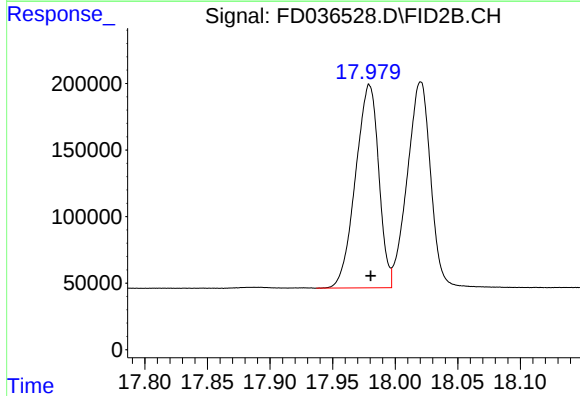
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2109500
Conc: 19.85 ug/ml

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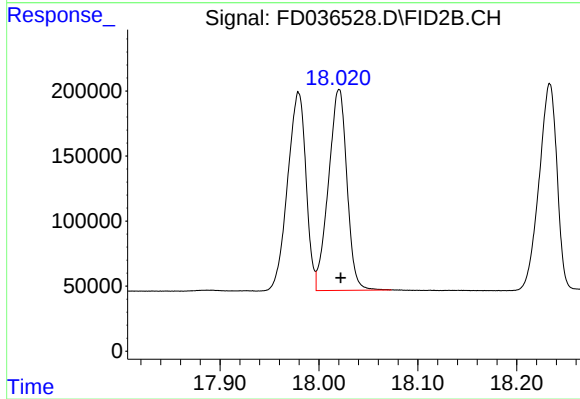
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.002 min
Response: 1961217
Conc: 19.68 ug/ml



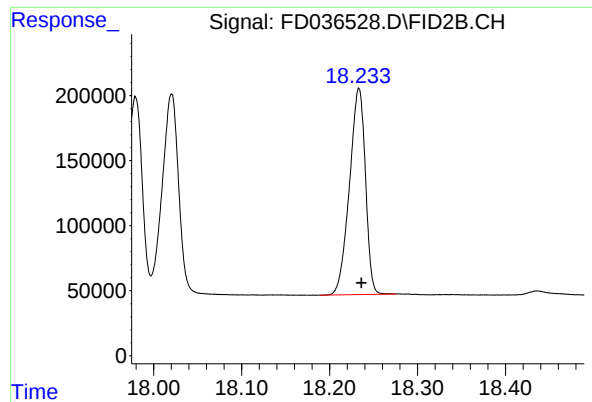
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.001 min
Response: 1968605
Conc: 19.58 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2004963
Conc: 19.88 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.003 min
Response: 1998580
Conc: 19.73 ug/ml

Instrument :
FID_D
ClientSampleId :
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