

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AR\
 Data File : FD036363.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2021 3:59
 Operator : DD\AJ
 Sample : M1503-01MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SEDGWICK-AVEMS

Integration File: autoint1.e
 Quant Time: Mar 11 09:11:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.604	7484700	63.499 ug/ml
Spiked Amount 50.000		Recovery =	127.00%
6) S 2-Fluorobiphenyl (SURR)	8.465	4925274	59.183 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.37%
11) S ortho-Terphenyl (SURR)	11.507	8903403	63.196 ug/ml
Spiked Amount 50.000		Recovery =	126.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3227894	25.745 ug/ml
2) T Naphthalene (C11.7)	5.941	5061247	37.350 ug/ml
3) T 2-Methylnaphthalene (...)	6.994	7248843	53.085 ug/ml
5) T Acenaphthylene (C15.06)	8.269	7105098	52.810 ug/ml
7) T Acenaphthene (C15.5)	8.566	7917626	57.202 ug/ml
8) T Fluorene (C16.55)	9.345	8441317	61.855 ug/ml
9) T Phenanthrene (C19.36)	10.742	9778667	70.975 ug/ml
10) T Anthracene (C19.43)	10.817	8339014	62.112 ug/ml
12) T Fluoranthene (C21.85)	12.555	9805106	70.604 ug/ml
13) T Pyrene (C20.8)	12.852	9612886	70.117 ug/ml
14) T Benzo[a]anthracene (C...	14.719	8276097	65.432 ug/ml
15) T Chrysene (C27.41)	14.766	9089710	70.190 ug/ml
16) T benzo[b]fluoranthene ...	16.269	8018901	65.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	7183774	61.006 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.649	7400619	67.109 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.011	6863760	62.036 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	6719742	60.723 ug/ml
21) T Benzo[g,h,i]perylene ...	18.269	6712834	60.710 ug/ml

(f)=RT Delta > 1/2 Window

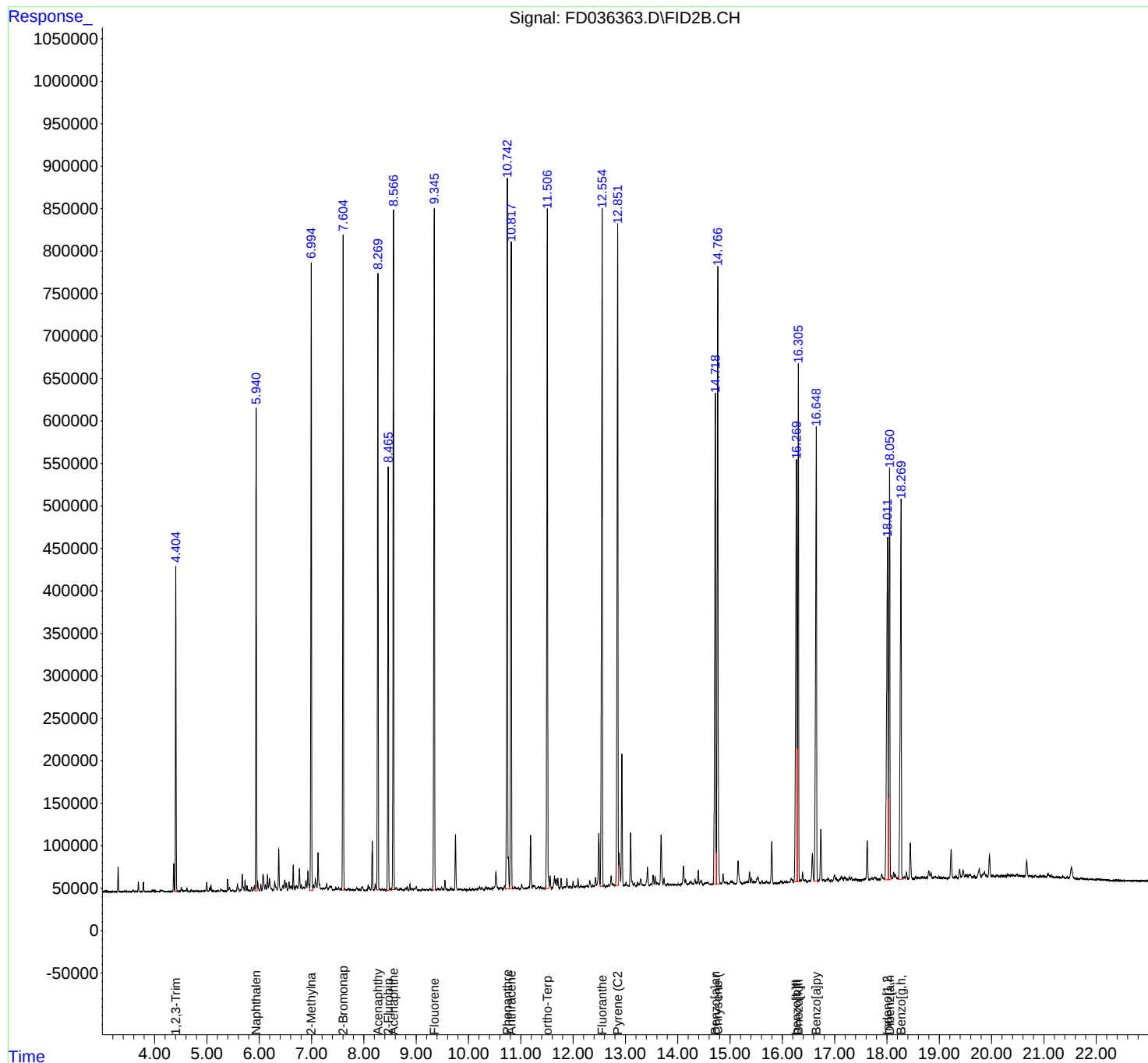
(m)=manual int.

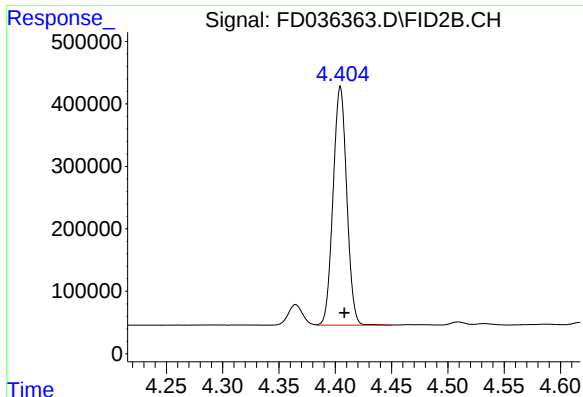
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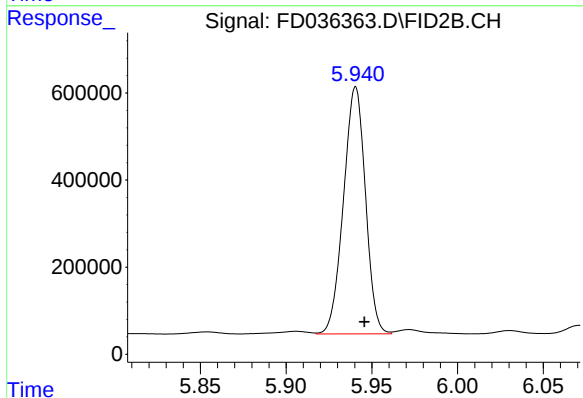




#1 1,2,3-Trimethylbenzene (C10.1)

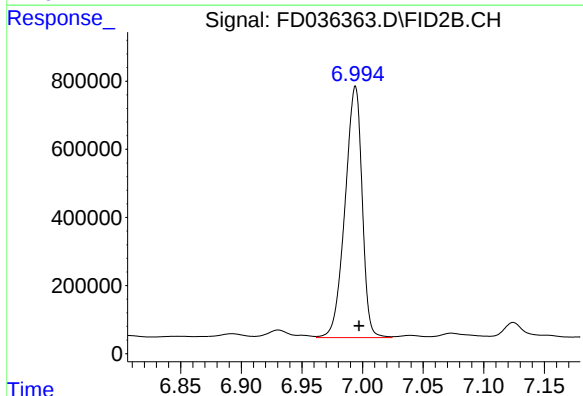
R.T.: 4.405 min
Delta R.T.: -0.003 min
Response: 3227894
Conc: 25.75 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



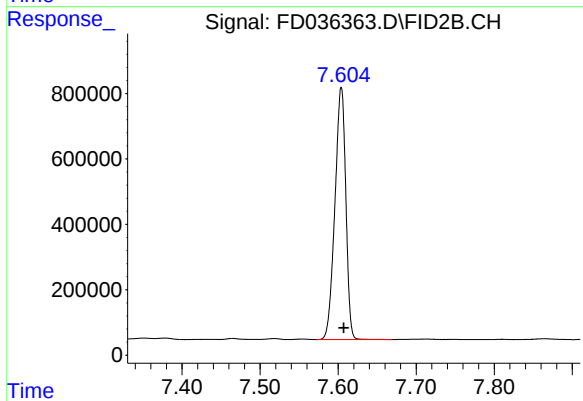
#2 Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 5061247
Conc: 37.35 ug/ml



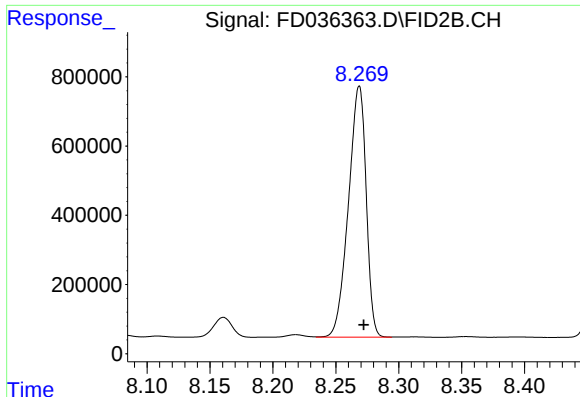
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.003 min
Response: 7248843
Conc: 53.08 ug/ml



#4 2-Bromonaphthalene (SURR)

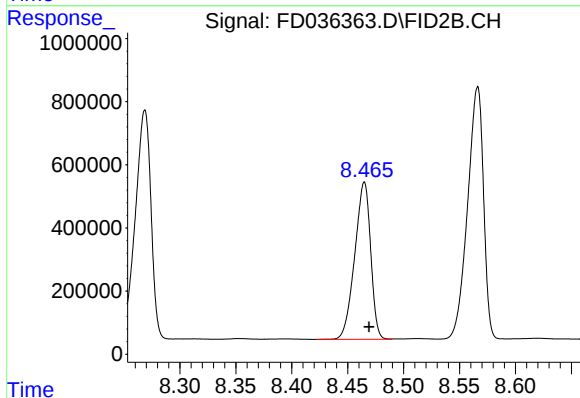
R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 7484700
Conc: 63.50 ug/ml



#5 Acenaphthylene (C15.06)

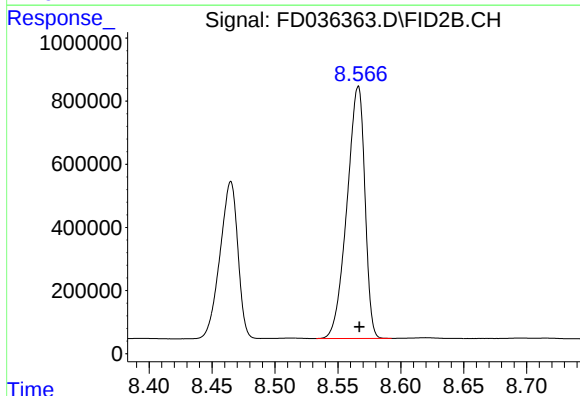
R.T.: 8.269 min
Delta R.T.: -0.004 min
Response: 7105098
Conc: 52.81 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



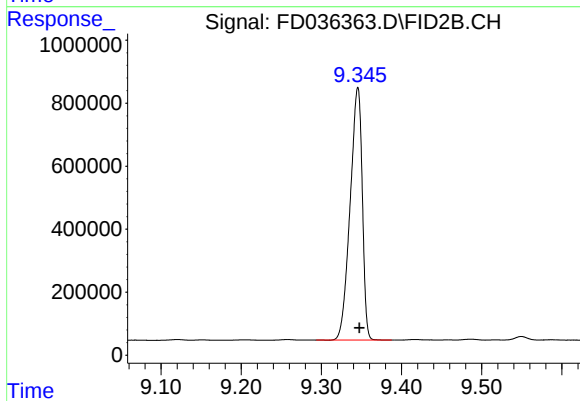
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.465 min
Delta R.T.: -0.004 min
Response: 4925274
Conc: 59.18 ug/ml



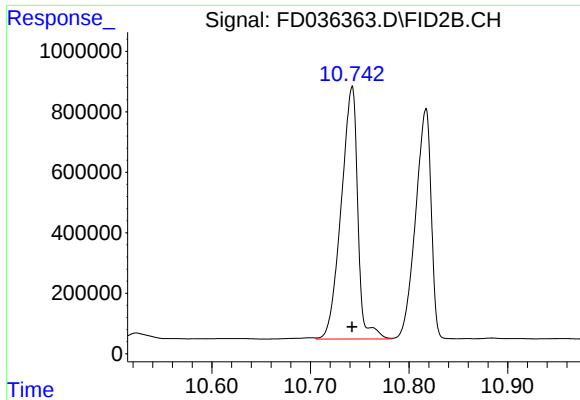
#7 Acenaphthene (C15.5)

R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 7917626
Conc: 57.20 ug/ml



#8 Flouorene (C16.55)

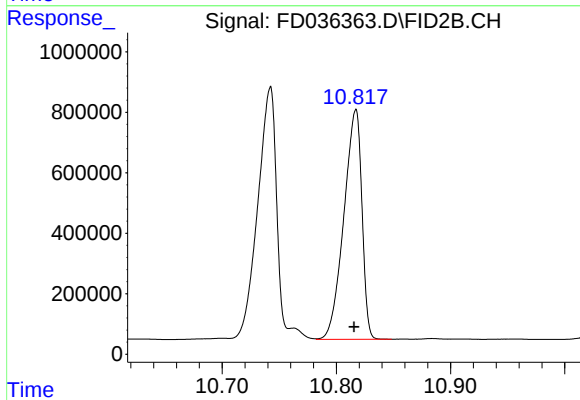
R.T.: 9.345 min
Delta R.T.: -0.002 min
Response: 8441317
Conc: 61.85 ug/ml



#9 Phenanthrene (C19.36)

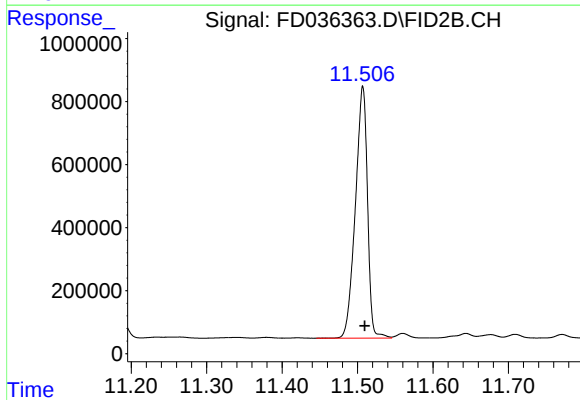
R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 9778667
Conc: 70.97 ug/ml

Instrument :
FID_D
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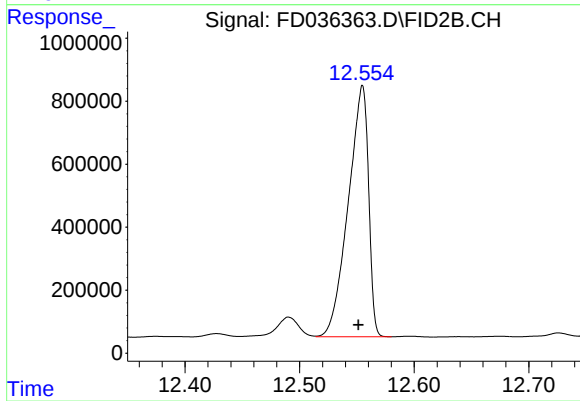
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: 0.002 min
Response: 8339014
Conc: 62.11 ug/ml



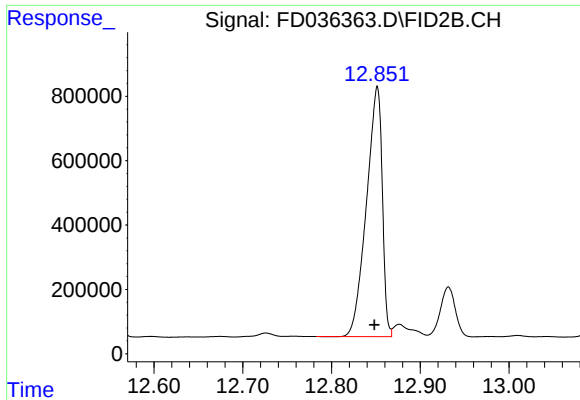
#11 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 8903403
Conc: 63.20 ug/ml



#12 Fluoranthene (C21.85)

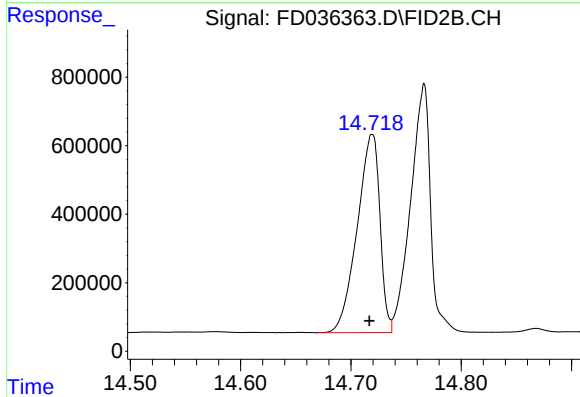
R.T.: 12.555 min
Delta R.T.: 0.003 min
Response: 9805106
Conc: 70.60 ug/ml



#13 Pyrene (C20.8)

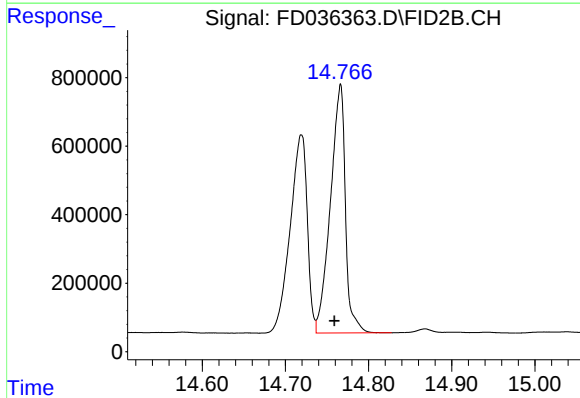
R.T.: 12.852 min
Delta R.T.: 0.003 min
Response: 9612886
Conc: 70.12 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS



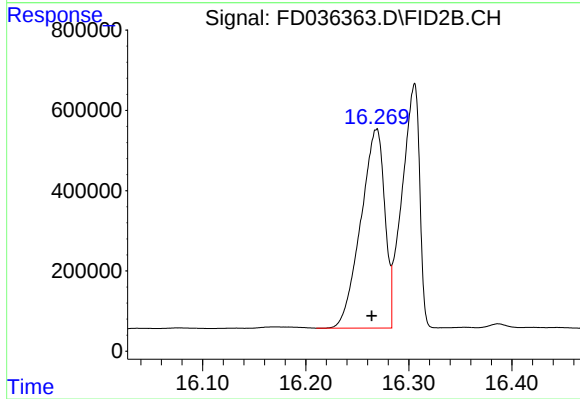
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: 0.003 min
Response: 8276097
Conc: 65.43 ug/ml



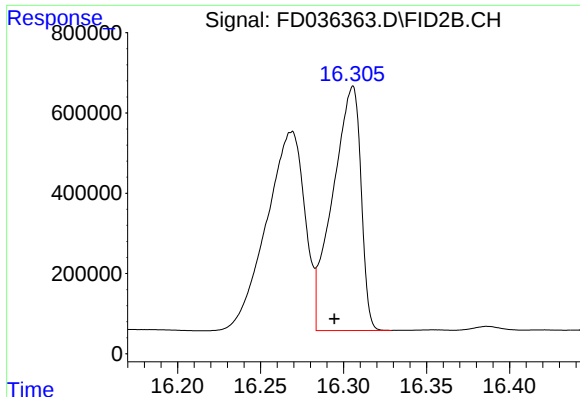
#15 Chrysene (C27.41)

R.T.: 14.766 min
Delta R.T.: 0.007 min
Response: 9089710
Conc: 70.19 ug/ml



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

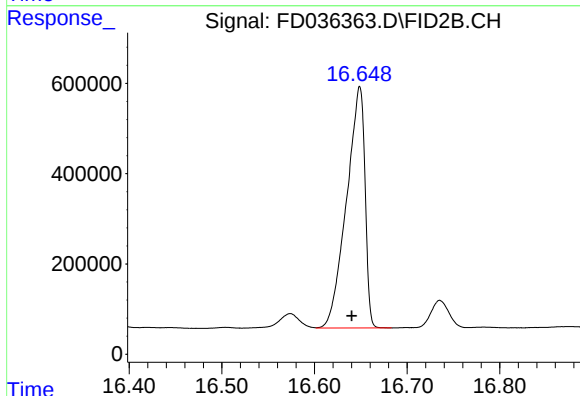
R.T.: 16.269 min
Delta R.T.: 0.005 min
Response: 8018901
Conc: 65.89 ug/ml



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

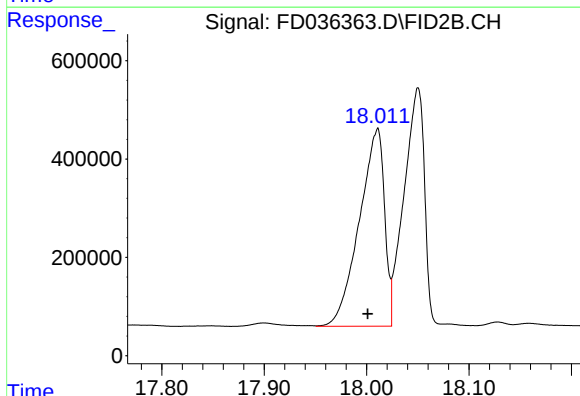
R.T.: 16.305 min
Delta R.T.: 0.011 min
Response: 7183774
Conc: 61.01 ug/ml

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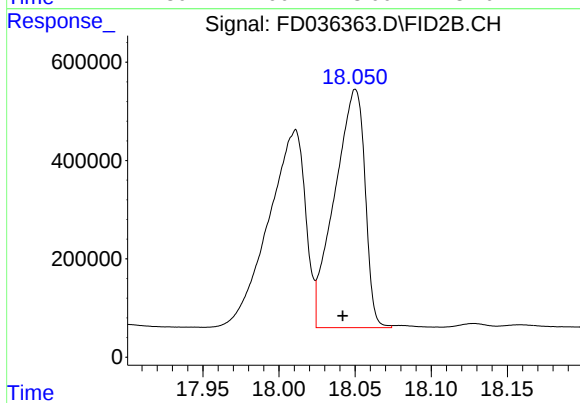
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.649 min
Delta R.T.: 0.008 min
Response: 7400619
Conc: 67.11 ug/ml



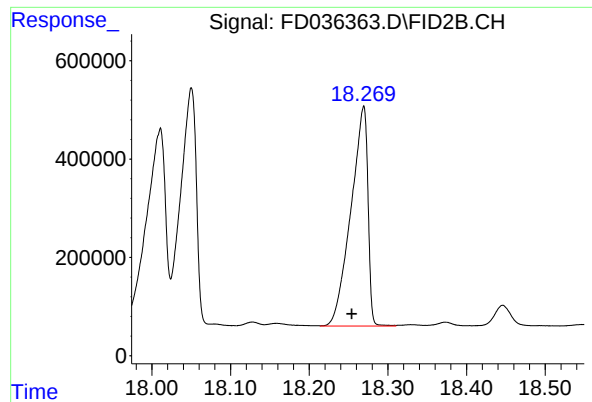
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.011 min
Delta R.T.: 0.009 min
Response: 6863760
Conc: 62.04 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.008 min
Response: 6719742
Conc: 60.72 ug/ml



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

R.T.: 18.269 min
Delta R.T.: 0.015 min
Response: 6712834
Conc: 60.71 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMS