

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030821AR\
 Data File : FD036332.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2021 13:42
 Operator : DD\AJ
 Sample : M1503-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SEDGWICK-AVEMSD

Integration File: autoint1.e
 Quant Time: Mar 09 02:25:29 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	6770341	57.439 ug/ml
Spiked Amount 50.000		Recovery =	114.88%
6) S 2-Fluorobiphenyl (SURR)	8.466	4446757	53.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.87%
11) S ortho-Terphenyl (SURR)	11.509	8022857	56.946 ug/ml
Spiked Amount 50.000		Recovery =	113.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	2921002	23.298 ug/ml
2) T Naphthalene (C11.7)	5.940	4580545	33.802 ug/ml
3) T 2-Methylnaphthalene (...)	6.994	6534611	47.854 ug/ml
5) T Acenaphthylene (C15.06)	8.269	6498026	48.298 ug/ml
7) T Acenaphthene (C15.5)	8.567	7155517	51.696 ug/ml
8) T Fluorene (C16.55)	9.347	7620957	55.844 ug/ml
9) T Phenanthrene (C19.36)	10.743	8563640	62.156 ug/ml
10) T Anthracene (C19.43)	10.819	7753725	57.753 ug/ml
12) T Fluoranthene (C21.85)	12.556	8826445	63.557 ug/ml
13) T Pyrene (C20.8)	12.854	8667791	63.223 ug/ml
14) T Benzo[a]anthracene (C...	14.721	7511684	59.388 ug/ml
15) T Chrysene (C27.41)	14.767	8225018	63.513 ug/ml
16) T benzo[b]fluoranthene ...	16.270	7313659	60.094 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	6579199	55.872 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	6846715	62.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.012	6243192	56.428 ug/ml
20) T Dibenz[a,h]anthracene...	18.052	6097430	55.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.271	6107217	55.233 ug/ml

(f)=RT Delta > 1/2 Window

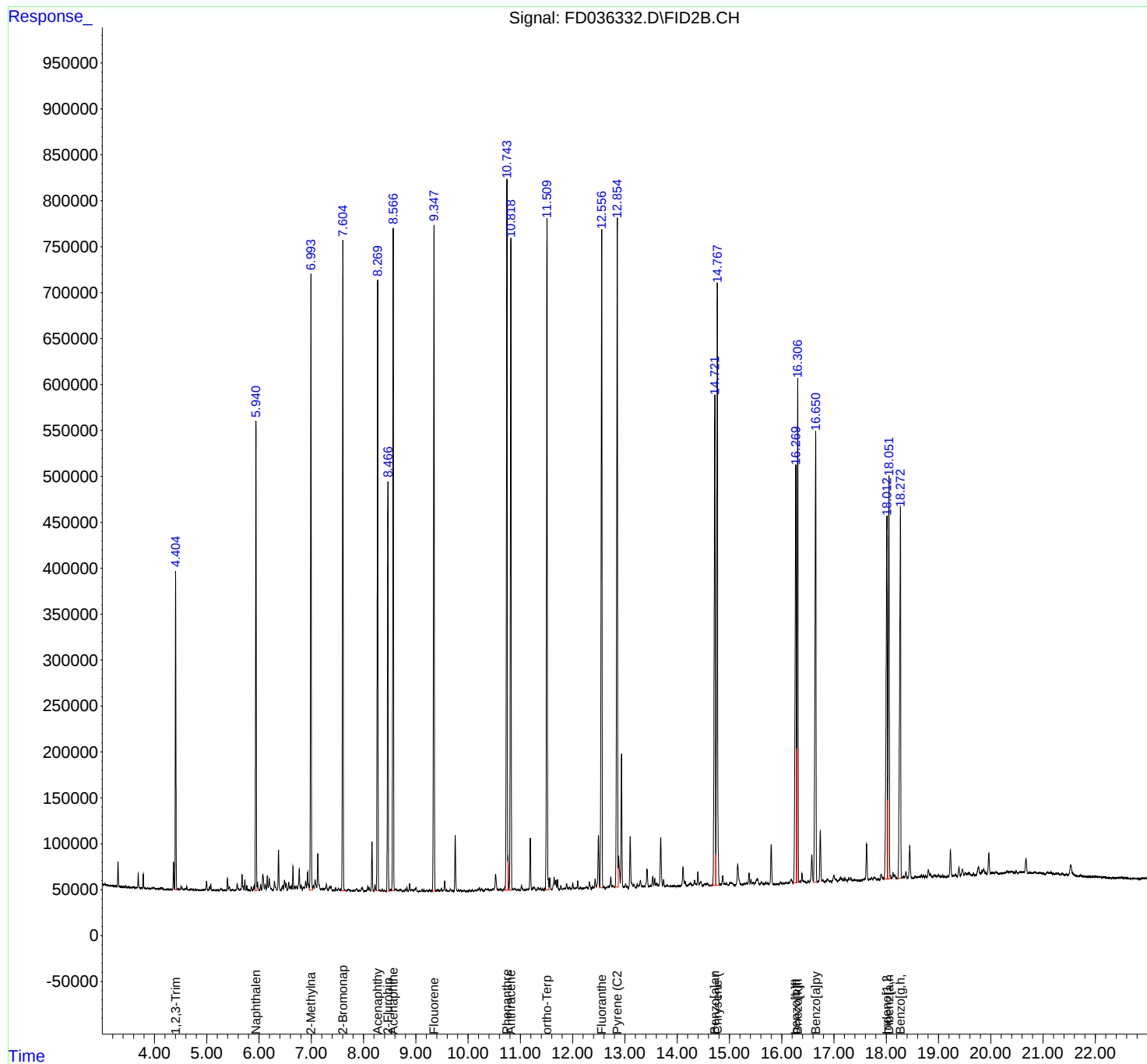
(m)=manual int.

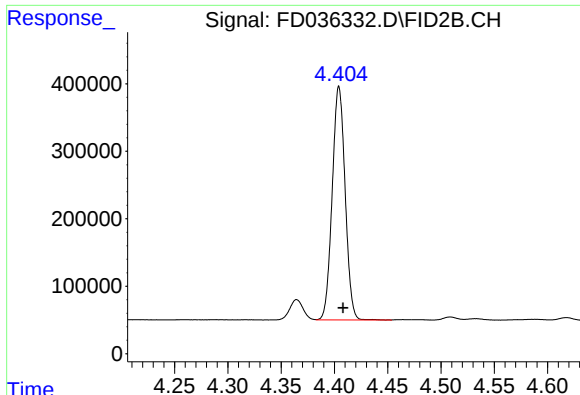
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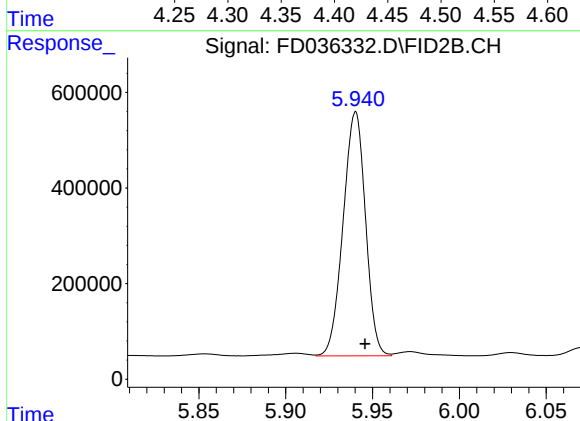




#1 1,2,3-Trimethylbenzene (C10.1)

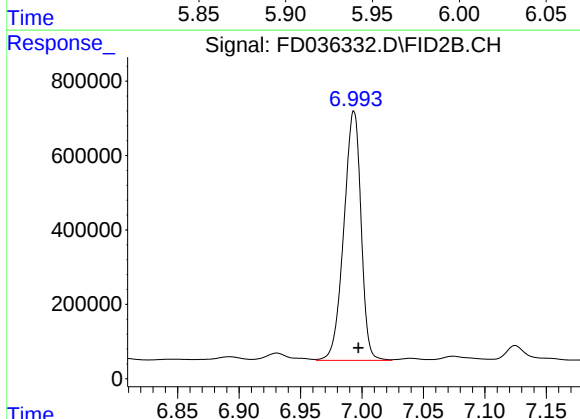
R.T.: 4.404 min
Delta R.T.: -0.004 min
Response: 2921002
Conc: 23.30 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD



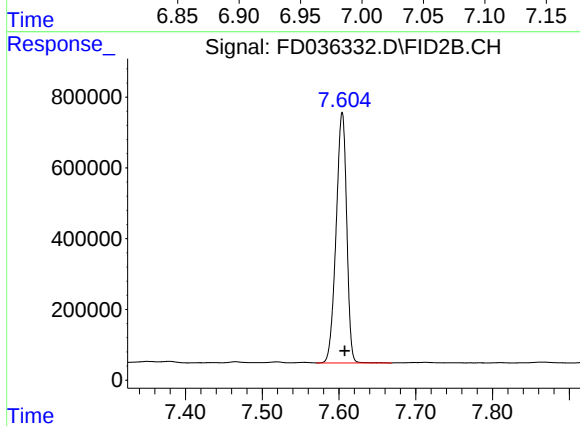
#2 Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 4580545
Conc: 33.80 ug/ml



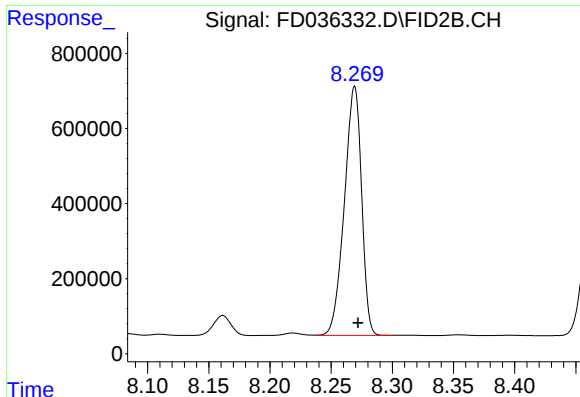
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 6534611
Conc: 47.85 ug/ml



#4 2-Bromonaphthalene (SURR)

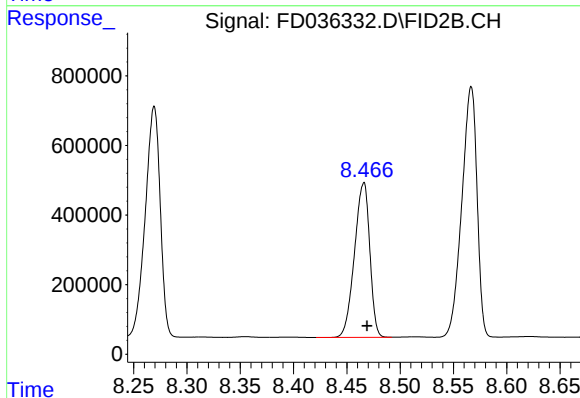
R.T.: 7.604 min
Delta R.T.: -0.003 min
Response: 6770341
Conc: 57.44 ug/ml



#5 Acenaphthylene (C15.06)

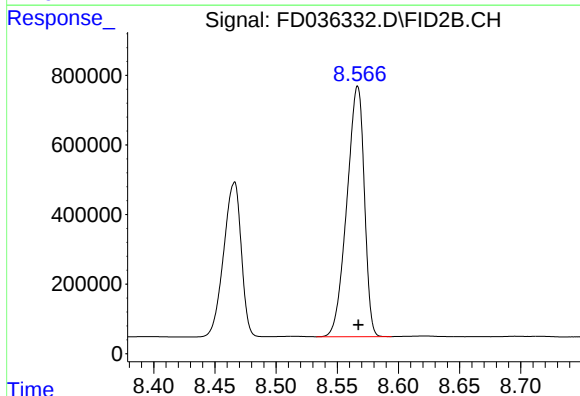
R.T.: 8.269 min
Delta R.T.: -0.003 min
Response: 6498026
Conc: 48.30 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD



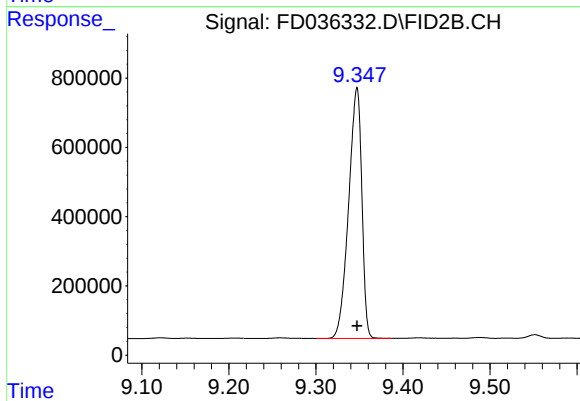
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.466 min
Delta R.T.: -0.003 min
Response: 4446757
Conc: 53.43 ug/ml



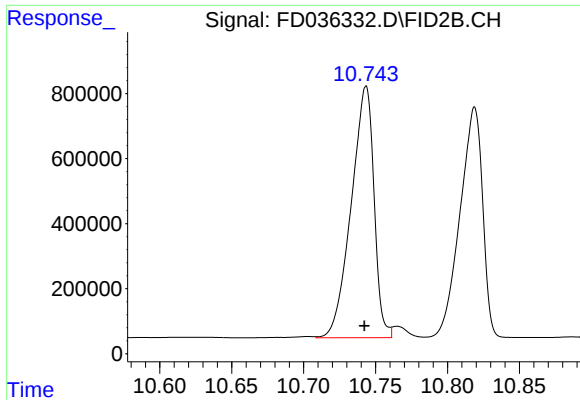
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 7155517
Conc: 51.70 ug/ml



#8 Fluorene (C16.55)

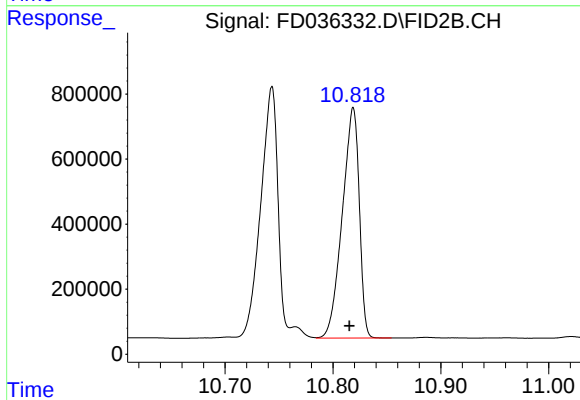
R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 7620957
Conc: 55.84 ug/ml



#9 Phenanthrene (C19.36)

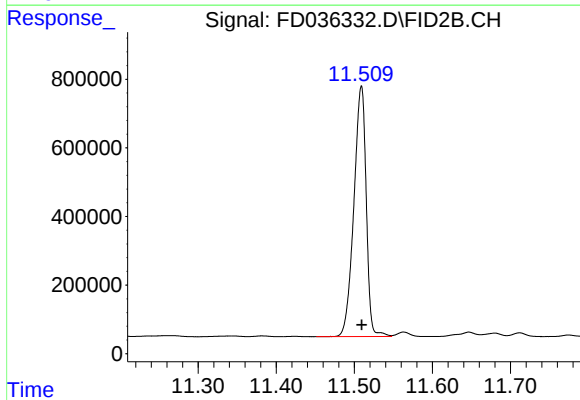
R.T.: 10.743 min
Delta R.T.: 0.001 min
Response: 8563640
Conc: 62.16 ug/ml

Instrument :
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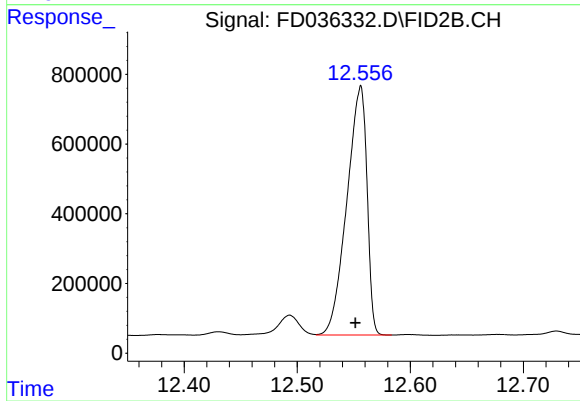
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: 0.003 min
Response: 7753725
Conc: 57.75 ug/ml



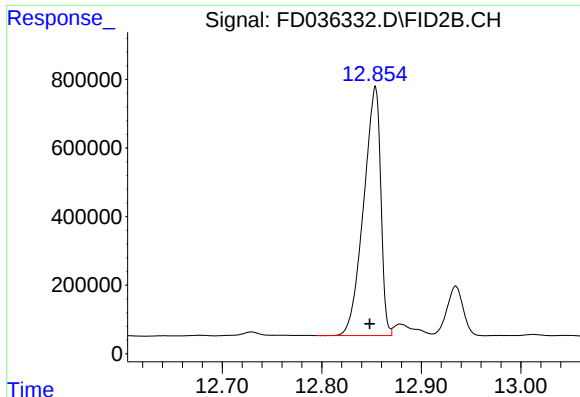
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 8022857
Conc: 56.95 ug/ml



#12 Fluoranthene (C21.85)

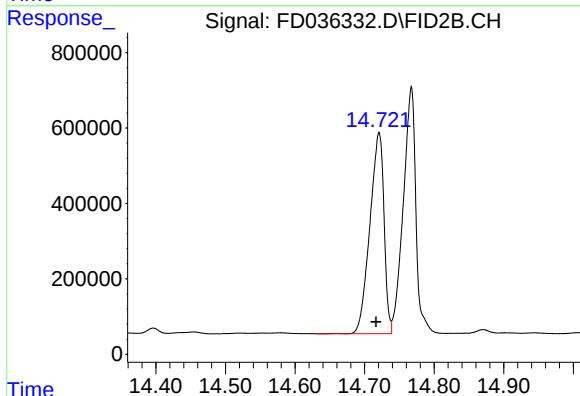
R.T.: 12.556 min
Delta R.T.: 0.005 min
Response: 8826445
Conc: 63.56 ug/ml



#13 Pyrene (C20.8)

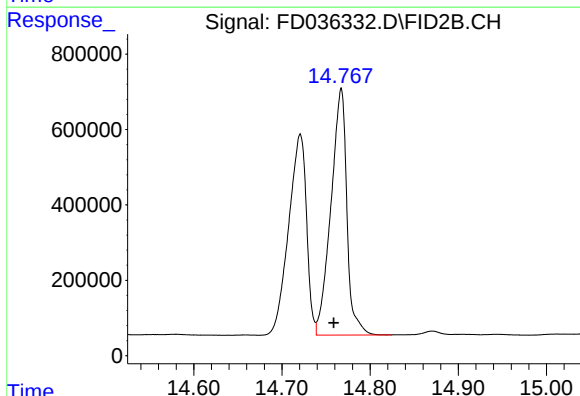
R.T.: 12.854 min
Delta R.T.: 0.006 min
Response: 8667791
Conc: 63.22 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD



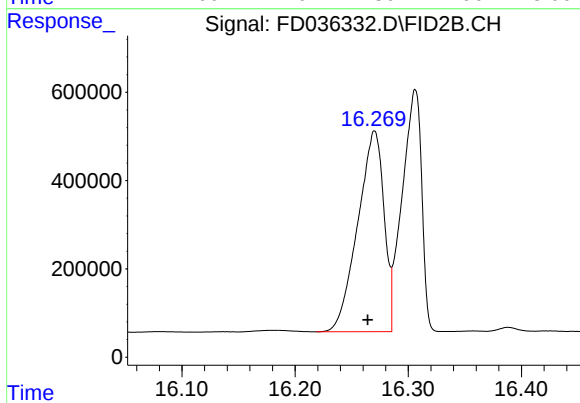
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.721 min
Delta R.T.: 0.004 min
Response: 7511684
Conc: 59.39 ug/ml



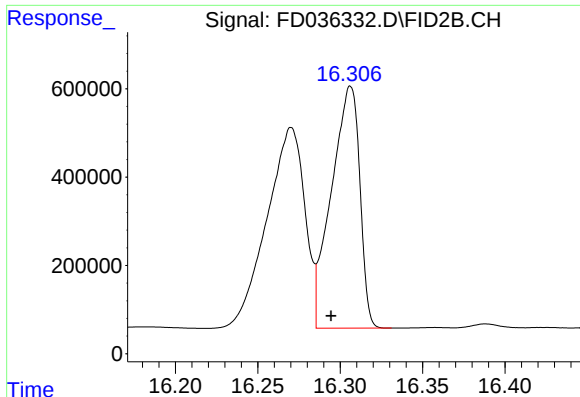
#15 Chrysene (C27.41)

R.T.: 14.767 min
Delta R.T.: 0.008 min
Response: 8225018
Conc: 63.51 ug/ml



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

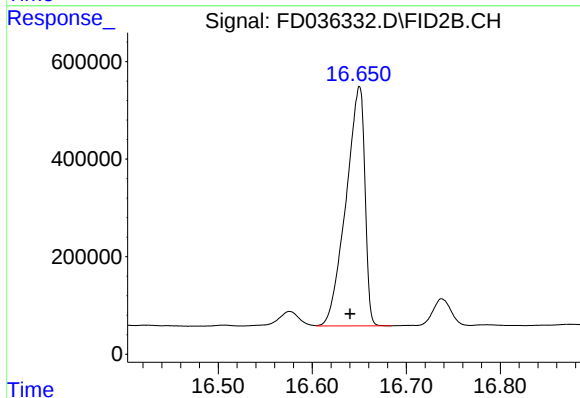
R.T.: 16.270 min
Delta R.T.: 0.006 min
Response: 7313659
Conc: 60.09 ug/ml



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

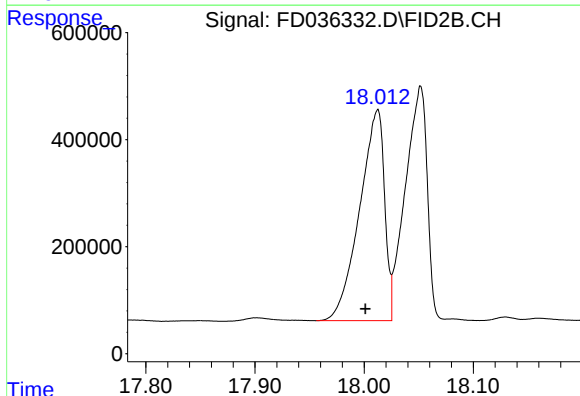
R.T.: 16.306 min
Delta R.T.: 0.012 min
Response: 6579199
Conc: 55.87 ug/ml

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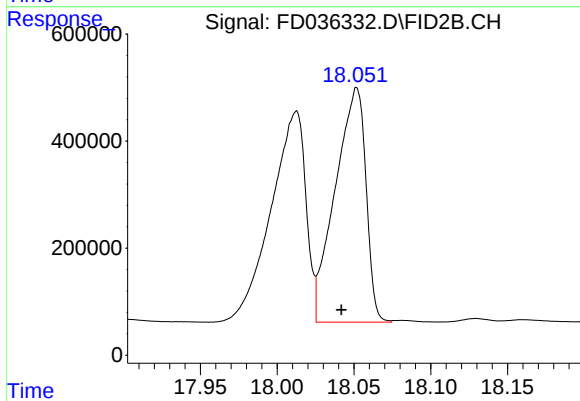
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: 0.010 min
Response: 6846715
Conc: 62.09 ug/ml



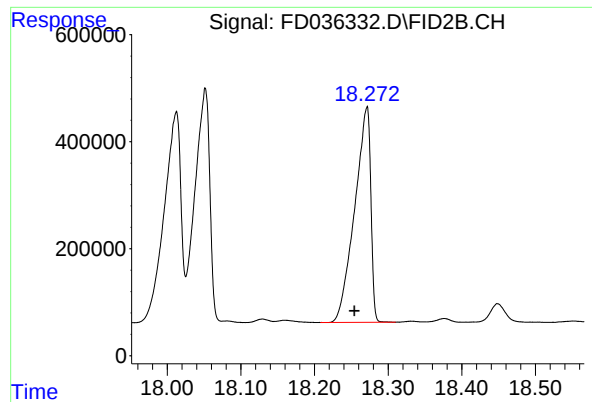
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.012 min
Delta R.T.: 0.011 min
Response: 6243192
Conc: 56.43 ug/ml



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

R.T.: 18.052 min
Delta R.T.: 0.010 min
Response: 6097430
Conc: 55.10 ug/ml



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

R.T.: 18.271 min
Delta R.T.: 0.017 min
Response: 6107217
Conc: 55.23 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD