

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031021AR\
 Data File : FD036364.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2021 4:37
 Operator : DD\AJ
 Sample : M1503-01MSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SEDGWICK-AVEMSD

Integration File: autoint1.e
 Quant Time: Mar 11 09:12:18 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...	7.603	7201667	61.098 ug/ml
Spiked Amount 50.000		Recovery =	122.20%
6) S 2-Fluorobiphenyl (SURR)	8.463	4740573	56.963 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.93%
11) S ortho-Terphenyl (SURR)	11.506	8560762	60.764 ug/ml
Spiked Amount 50.000		Recovery =	121.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.403	3092964	24.669 ug/ml
2) T Naphthalene (C11.7)	5.939	4862908	35.886 ug/ml
3) T 2-Methylnaphthalene (...)	6.992	6934168	50.780 ug/ml
5) T Acenaphthylene (C15.06)	8.268	6851261	50.923 ug/ml
7) T Acenaphthene (C15.5)	8.565	7621004	55.059 ug/ml
8) T Fluorene (C16.55)	9.344	8125700	59.542 ug/ml
9) T Phenanthrene (C19.36)	10.741	9459830	68.661 ug/ml
10) T Anthracene (C19.43)	10.816	8042534	59.904 ug/ml
12) T Fluoranthene (C21.85)	12.553	9401930	67.701 ug/ml
13) T Pyrene (C20.8)	12.851	9226460	67.298 ug/ml
14) T Benzo[a]anthracene (C...	14.719	7920150	62.618 ug/ml
15) T Chrysene (C27.41)	14.765	8696896	67.157 ug/ml
16) T benzo[b]fluoranthene ...	16.267	7670089	63.023 ug/ml
17) T Bnezo[k]fluoranthene ...	16.305	6908038	58.664 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.647	7113988	64.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	6650568	60.109 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	6514826	58.871 ug/ml
21) T Benzo[g,h,i]perylene ...	18.268	6490760	58.702 ug/ml

(f)=RT Delta > 1/2 Window

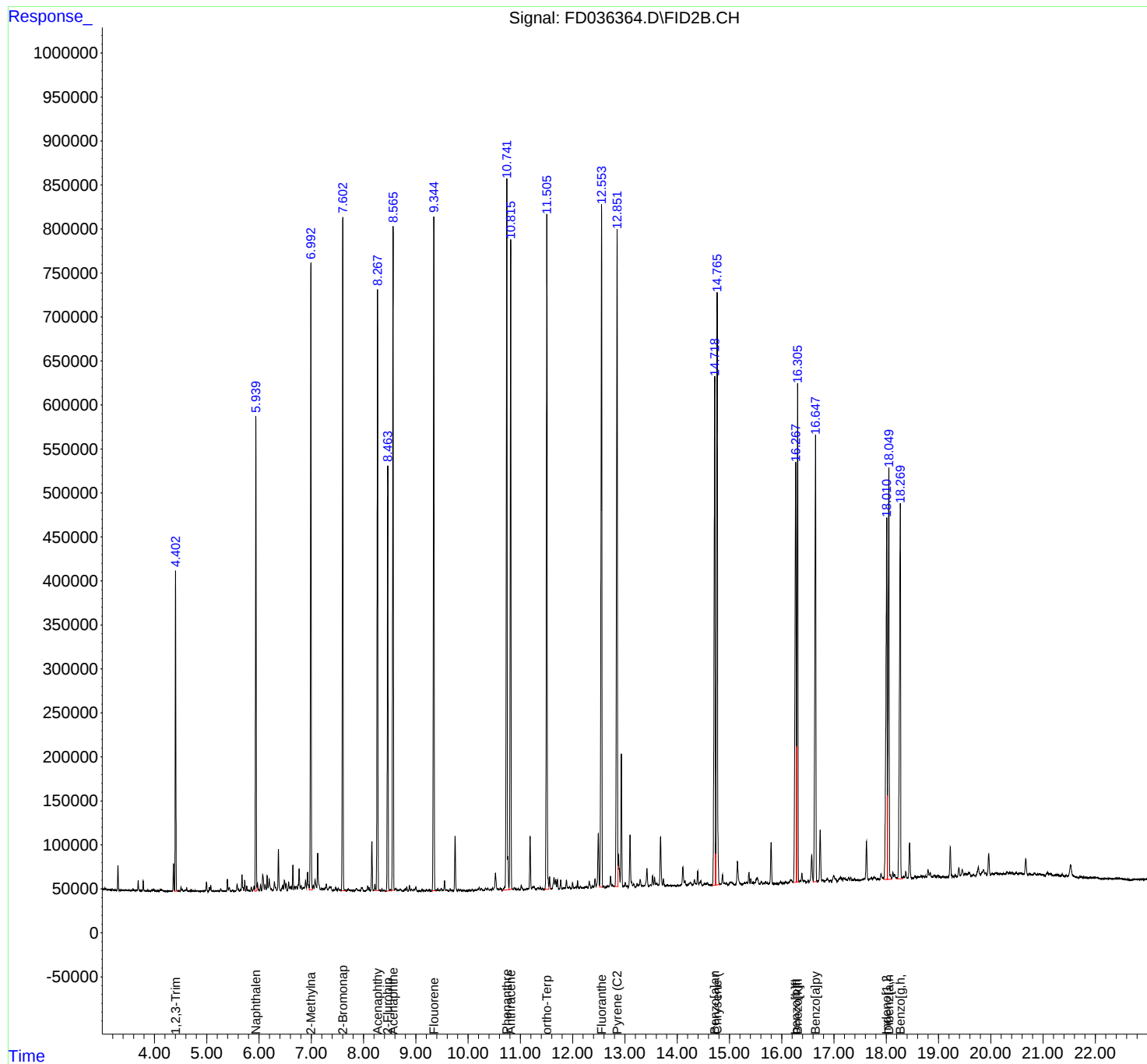
(m)=manual int.

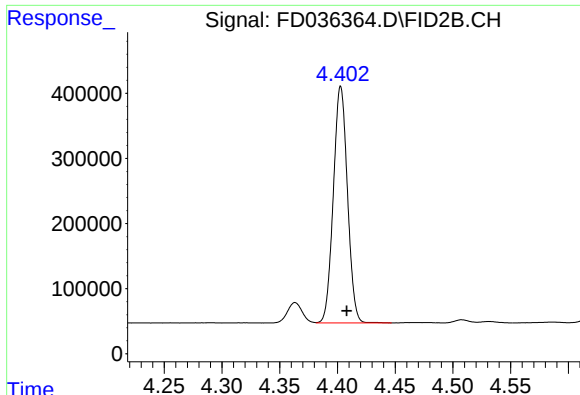
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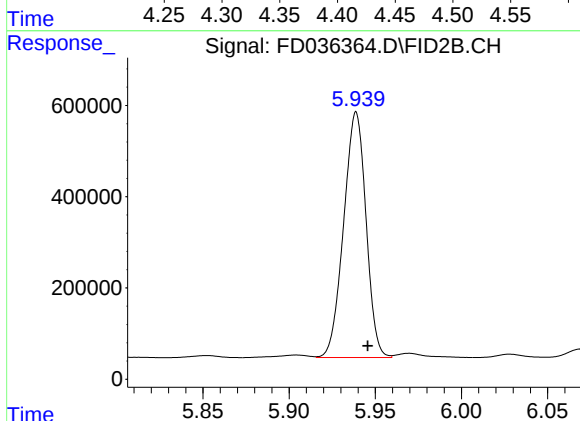




#1 1,2,3-Trimethylbenzene (C10.1)

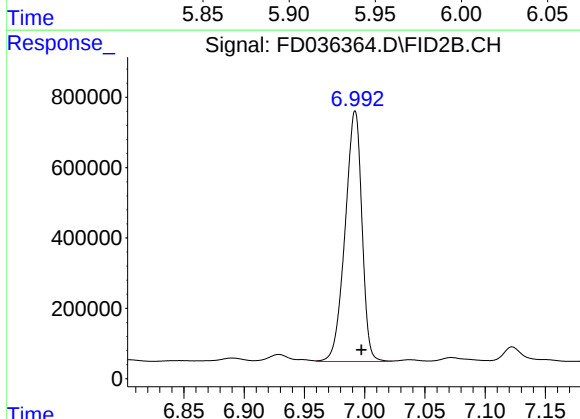
R.T.: 4.403 min
Delta R.T.: -0.005 min
Response: 3092964
Conc: 24.67 ug/ml

Instrument :
FID_D
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SEDGWICK-AVEMSD



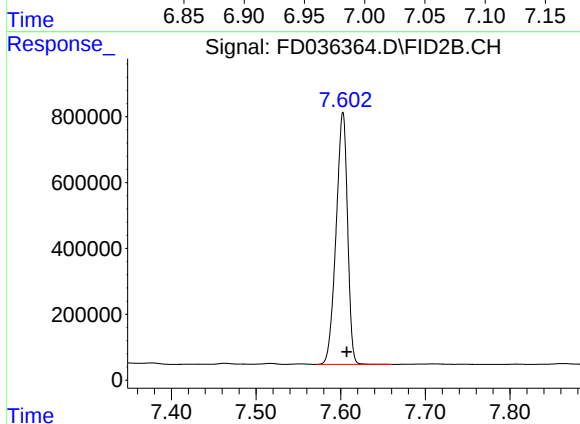
#2 Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.007 min
Response: 4862908
Conc: 35.89 ug/ml



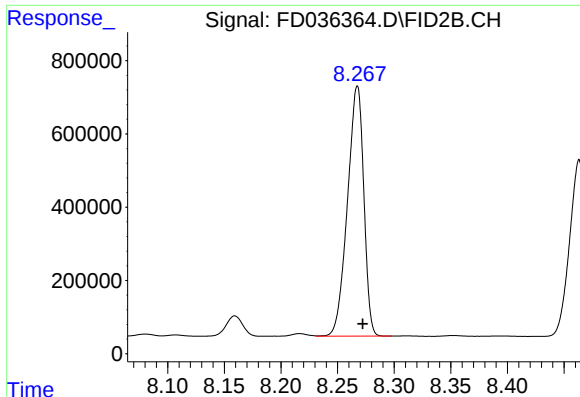
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 6934168
Conc: 50.78 ug/ml



#4 2-Bromonaphthalene (SURR)

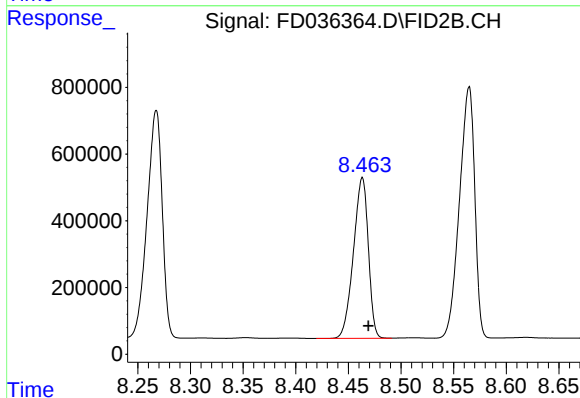
R.T.: 7.603 min
Delta R.T.: -0.005 min
Response: 7201667
Conc: 61.10 ug/ml



#5 Acenaphthylene (C15.06)

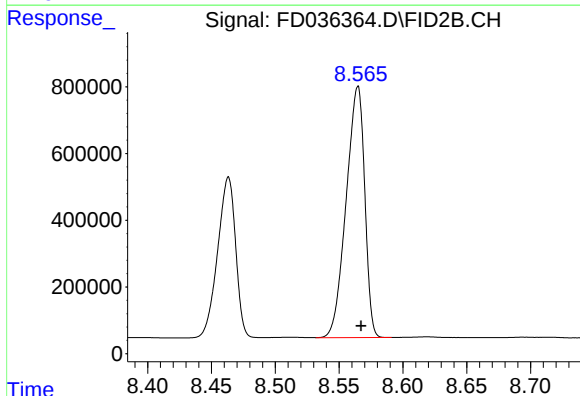
R.T.: 8.268 min
Delta R.T.: -0.005 min
Response: 6851261
Conc: 50.92 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD



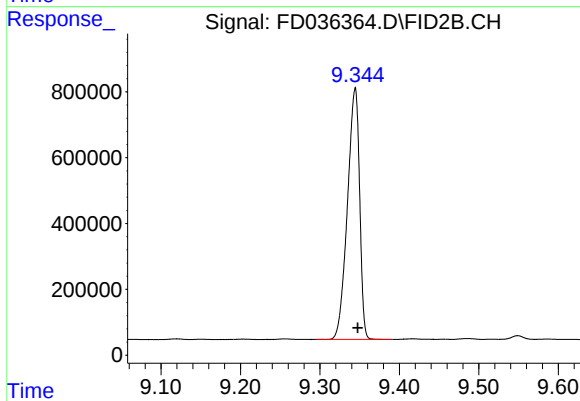
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.463 min
Delta R.T.: -0.006 min
Response: 4740573
Conc: 56.96 ug/ml



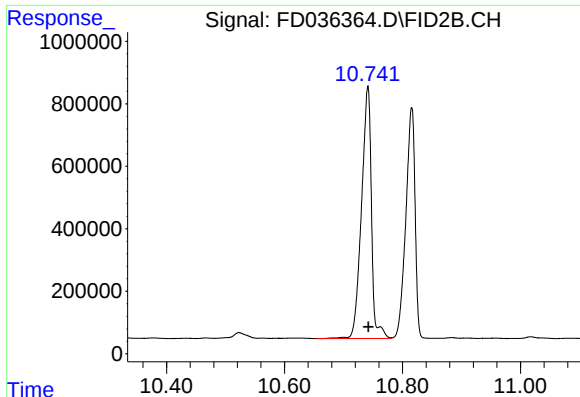
#7 Acenaphthene (C15.5)

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 7621004
Conc: 55.06 ug/ml



#8 Flouorene (C16.55)

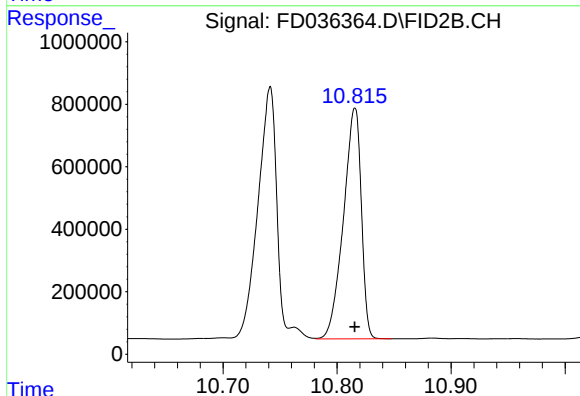
R.T.: 9.344 min
Delta R.T.: -0.003 min
Response: 8125700
Conc: 59.54 ug/ml



#9 Phenanthrene (C19.36)

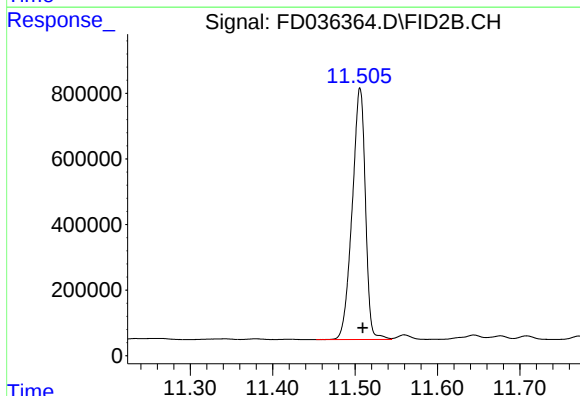
R.T.: 10.741 min
Delta R.T.: 0.000 min
Response: 9459830
Conc: 68.66 ug/ml

Instrument :
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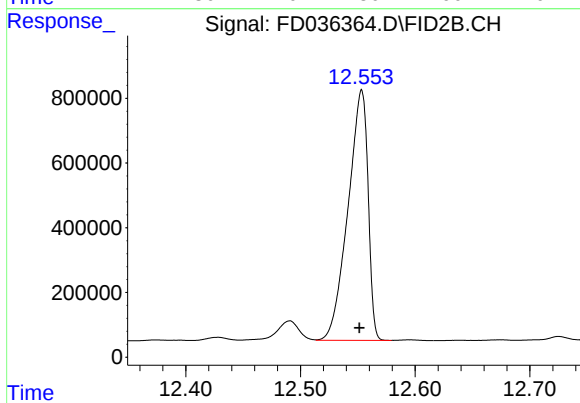
#10 Anthracene (C19.43)

R.T.: 10.816 min
Delta R.T.: 0.000 min
Response: 8042534
Conc: 59.90 ug/ml



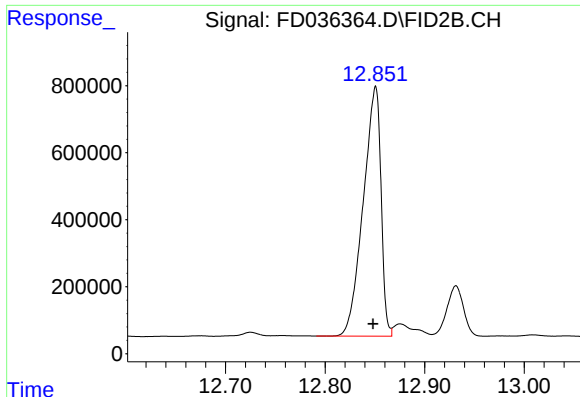
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: -0.003 min
Response: 8560762
Conc: 60.76 ug/ml



#12 Fluoranthene (C21.85)

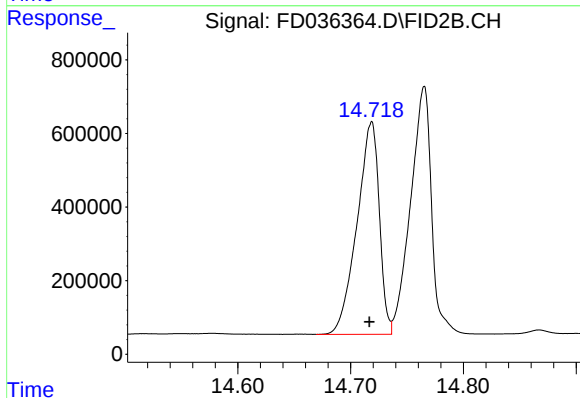
R.T.: 12.553 min
Delta R.T.: 0.002 min
Response: 9401930
Conc: 67.70 ug/ml



#13 Pyrene (C20.8)

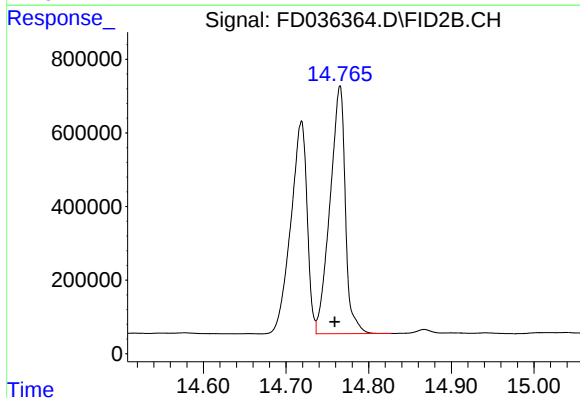
R.T.: 12.851 min
Delta R.T.: 0.002 min
Response: 9226460
Conc: 67.30 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD



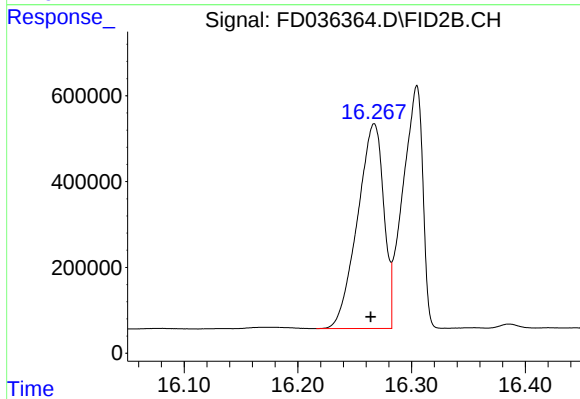
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: 0.002 min
Response: 7920150
Conc: 62.62 ug/ml



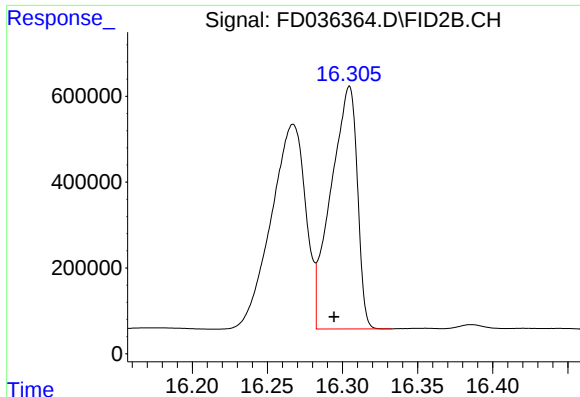
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: 0.006 min
Response: 8696896
Conc: 67.16 ug/ml



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

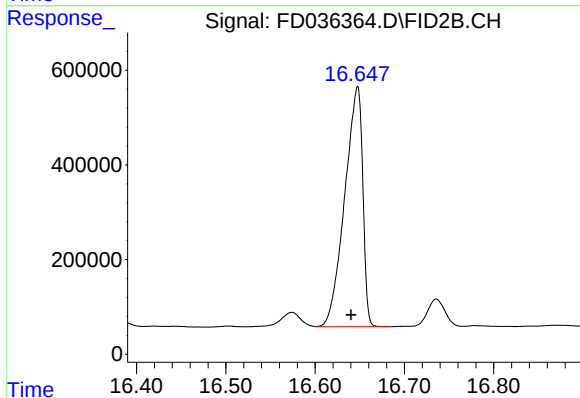
R.T.: 16.267 min
Delta R.T.: 0.003 min
Response: 7670089
Conc: 63.02 ug/ml



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

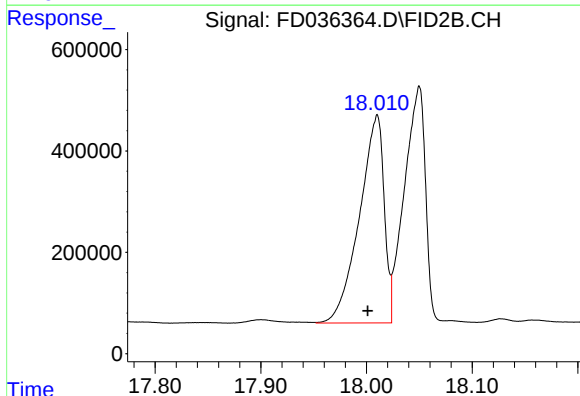
R.T.: 16.305 min
Delta R.T.: 0.010 min
Response: 6908038
Conc: 58.66 ug/ml

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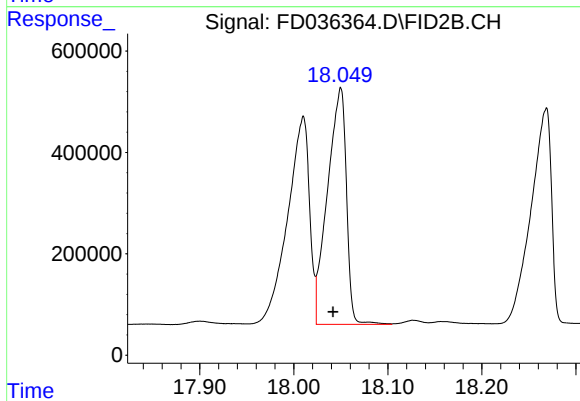
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min
Delta R.T.: 0.007 min
Response: 7113988
Conc: 64.51 ug/ml



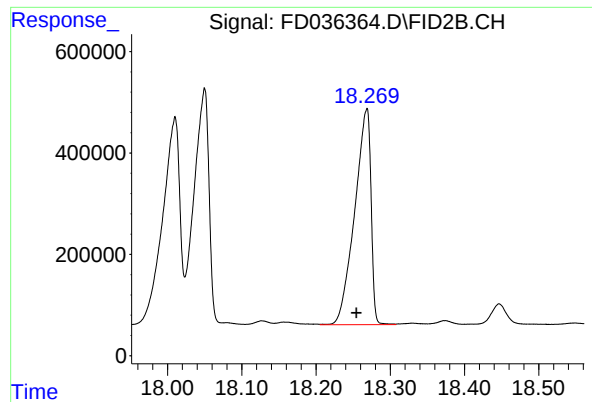
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: 0.009 min
Response: 6650568
Conc: 60.11 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.008 min
Response: 6514826
Conc: 58.87 ug/ml



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

R.T.: 18.268 min
Delta R.T.: 0.014 min
Response: 6490760
Conc: 58.70 ug/ml

Instrument :
FID_D
ClientSampleId :
SEDGWICK-AVEMSD