

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083120AR\
 Data File : FD034599.D
 Signal(s) : FID2B.CH
 Acq On : 01 Sep 2020 1:16
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 01 02:13:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:11:55 2020
 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...	7.689	1054519	9.946 ug/ml
Spiked Amount 50.000		Recovery =	19.89%
6) S 2-Fluorobiphenyl (SURR)	8.554	737206	9.830 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.66%
11) S ortho-Terphenyl (SURR)	11.594	1246357	10.150 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	1176530	9.972 ug/ml
2) T Naphthalene (C11.7)	6.026	1182015	9.802 ug/ml
3) T 2-Methylnaphthalene (...)	7.079	1196631	9.794 ug/ml
5) T Acenaphthylene (C15.06)	8.356	1207051	10.031 ug/ml
7) T Acenaphthene (C15.5)	8.651	1227944	10.019 ug/ml
8) T Fluorene (C16.55)	9.432	1190505	10.002 ug/ml
9) T Phenanthrene (C19.36)	10.830	1206331	10.024 ug/ml
10) T Anthracene (C19.43)	10.905	1185494	10.062 ug/ml
12) T Fluoranthene (C21.85)	12.642	1209612	10.084 ug/ml
13) T Pyrene (C20.8)	12.940	1173797	10.088 ug/ml
14) T Benzo[a]anthracene (C...	14.810	1144210	10.065 ug/ml
15) T Chrysene (C27.41)	14.852	1164025	10.209 ug/ml
16) T benzo[b]fluoranthene ...	16.360	1109571	10.112 ug/ml
17) T Bnezo[k]fluoranthene ...	16.390	1109451	10.264 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.738	1089750	10.108 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.101	1025566	10.034 ug/ml
20) T Dibenz[a,h]anthracene...	18.140	1078593	10.400 ug/ml
21) T Benzo[g,h,i]perylene ...	18.356	1040070	10.144 ug/ml

(f)=RT Delta > 1/2 Window

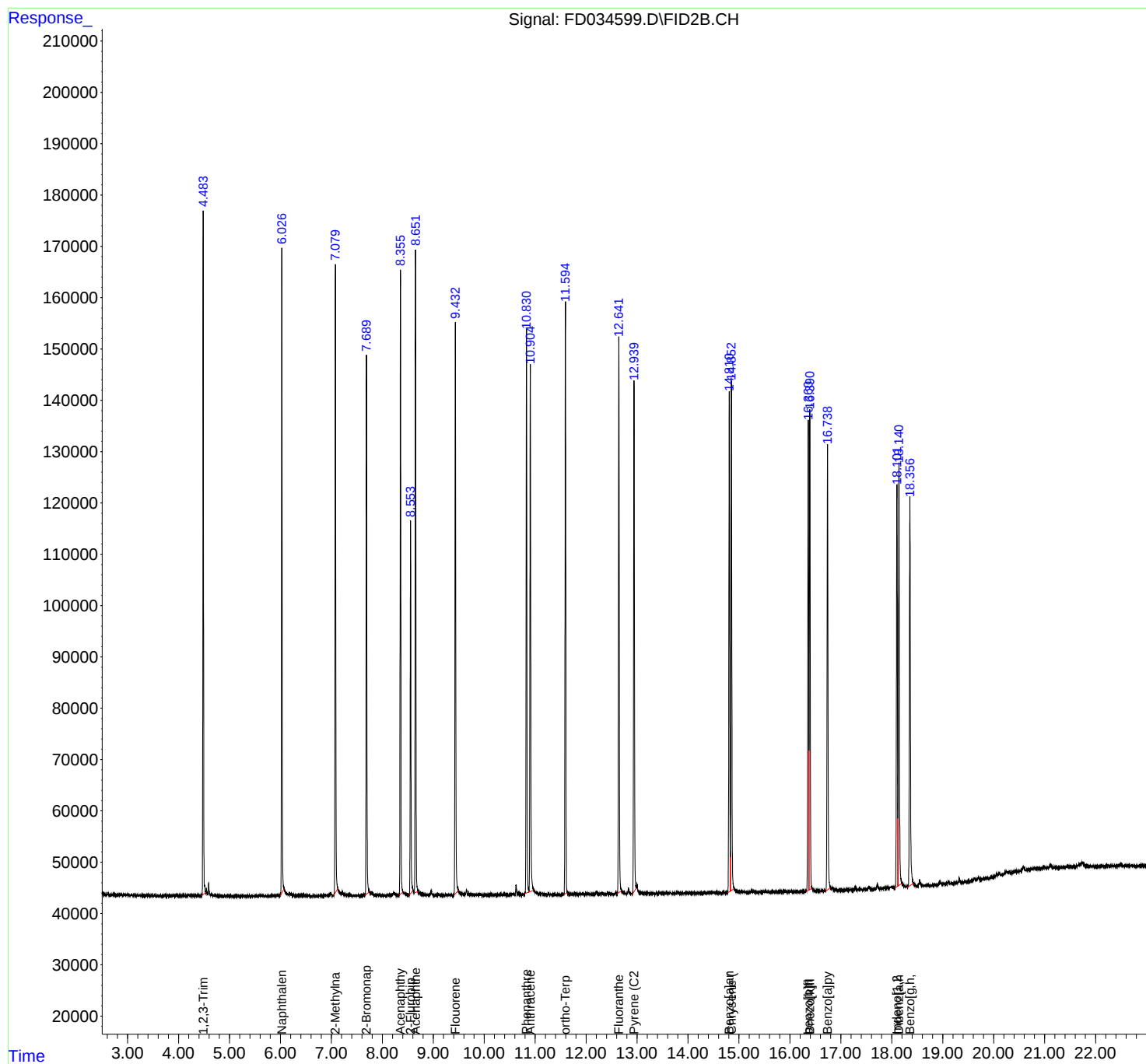
(m)=manual int.

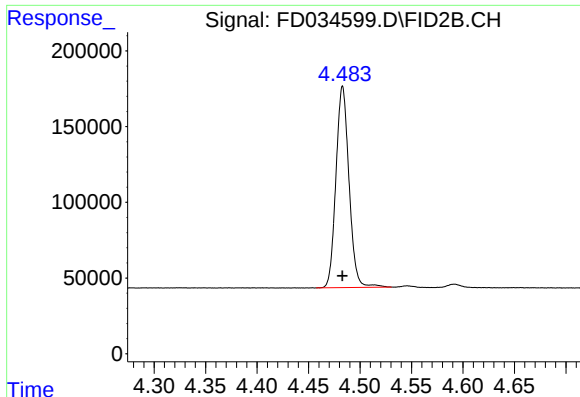
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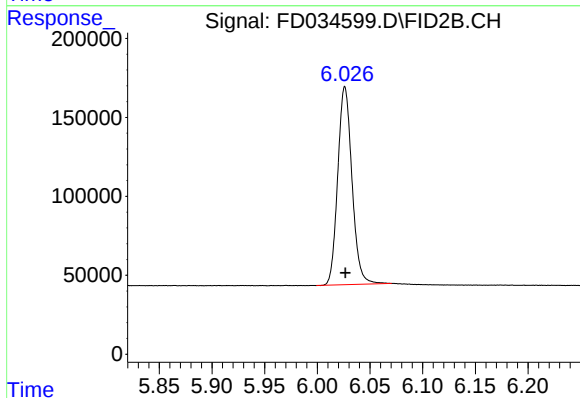




#1 1,2,3-Trimethylbenzene (C10.1)

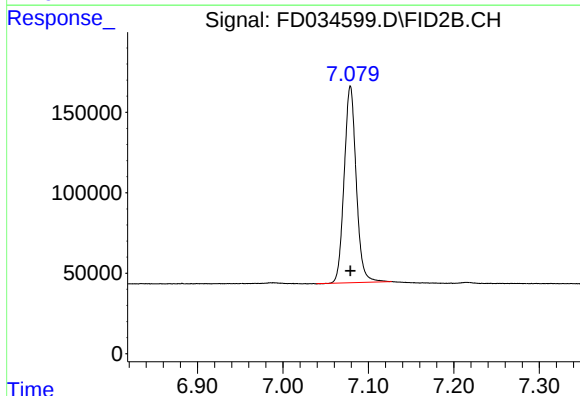
R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 1176530
Conc: 9.97 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



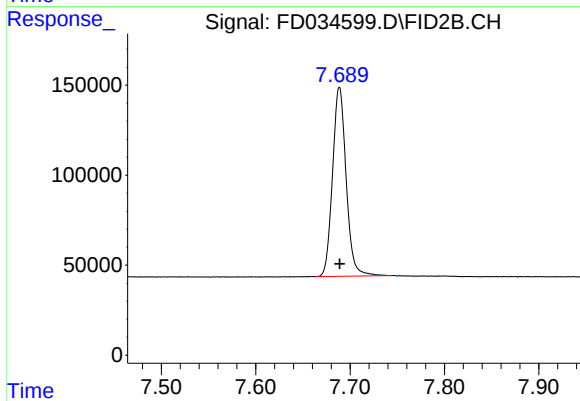
#2 Naphthalene (C11.7)

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 1182015
Conc: 9.80 ug/ml



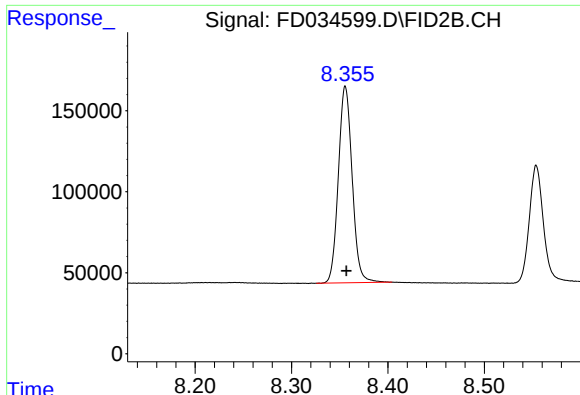
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 1196631
Conc: 9.79 ug/ml



#4 2-Bromonaphthalene (SURR)

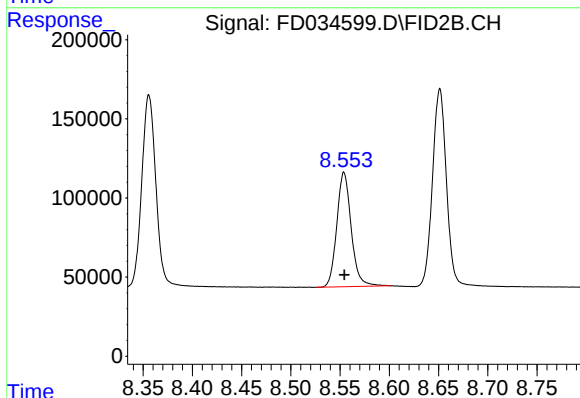
R.T.: 7.689 min
Delta R.T.: 0.000 min
Response: 1054519
Conc: 9.95 ug/ml



#5 Acenaphthylene (C15.06)

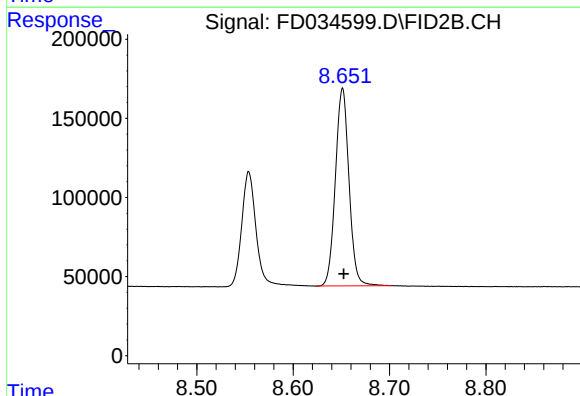
R.T.: 8.356 min
Delta R.T.: -0.001 min
Response: 1207051
Conc: 10.03 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



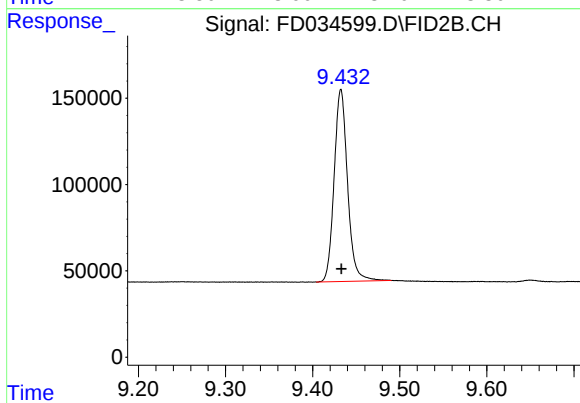
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 737206
Conc: 9.83 ug/ml



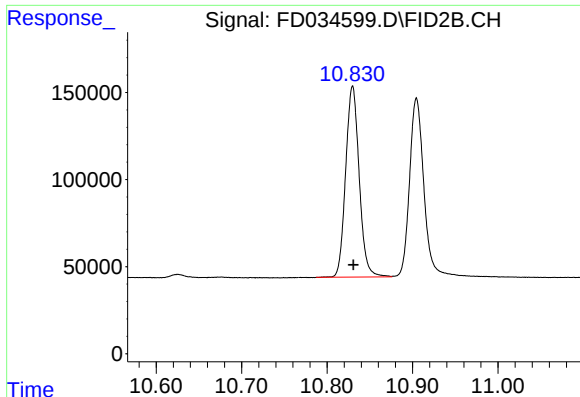
#7 Acenaphthene (C15.5)

R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 1227944
Conc: 10.02 ug/ml



#8 Flouorene (C16.55)

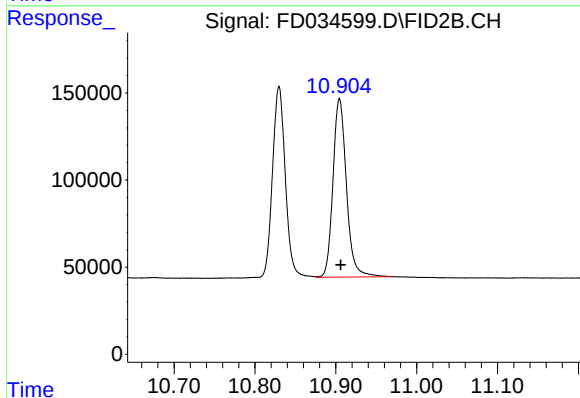
R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 1190505
Conc: 10.00 ug/ml



#9 Phenanthrene (C19.36)

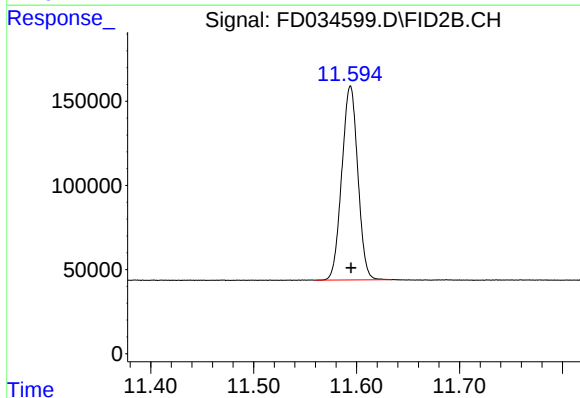
R.T.: 10.830 min
Delta R.T.: 0.000 min
Response: 1206331
Conc: 10.02 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



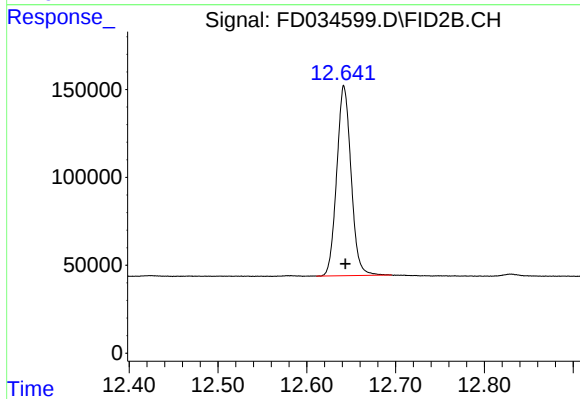
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.001 min
Response: 1185494
Conc: 10.06 ug/ml



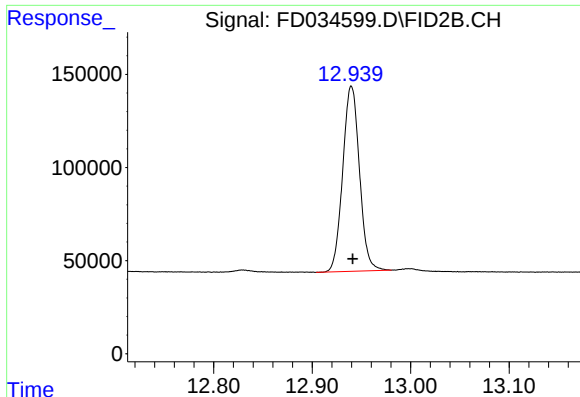
#11 ortho-Terphenyl (SURR)

R.T.: 11.594 min
Delta R.T.: 0.000 min
Response: 1246357
Conc: 10.15 ug/ml



#12 Fluoranthene (C21.85)

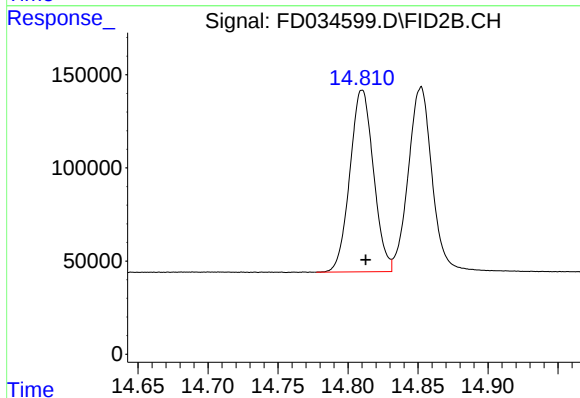
R.T.: 12.642 min
Delta R.T.: -0.002 min
Response: 1209612
Conc: 10.08 ug/ml



#13 Pyrene (C20.8)

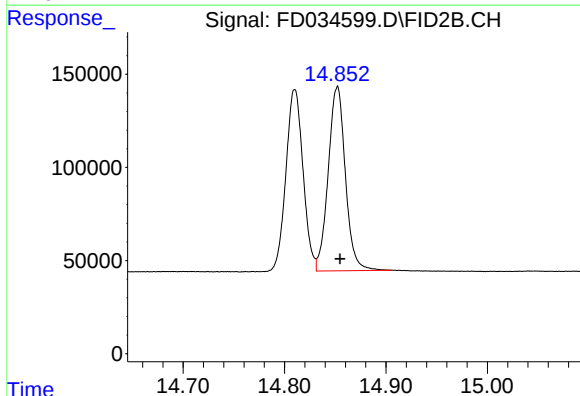
R.T.: 12.940 min
Delta R.T.: -0.001 min
Response: 1173797
Conc: 10.09 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



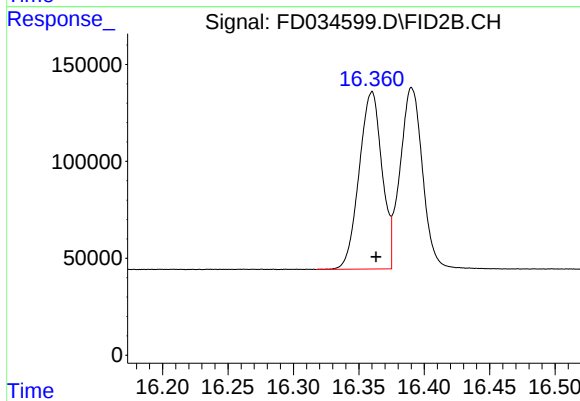
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.003 min
Response: 1144210
Conc: 10.06 ug/ml



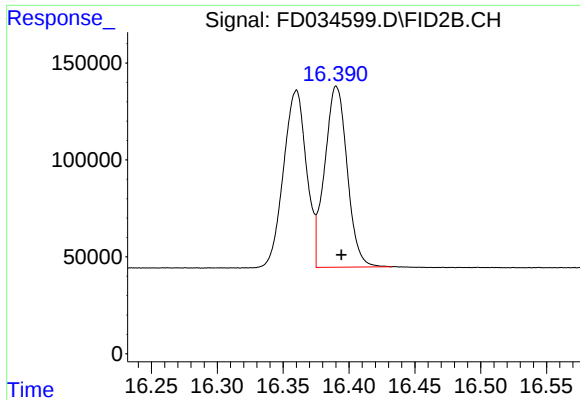
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.003 min
Response: 1164025
Conc: 10.21 ug/ml



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

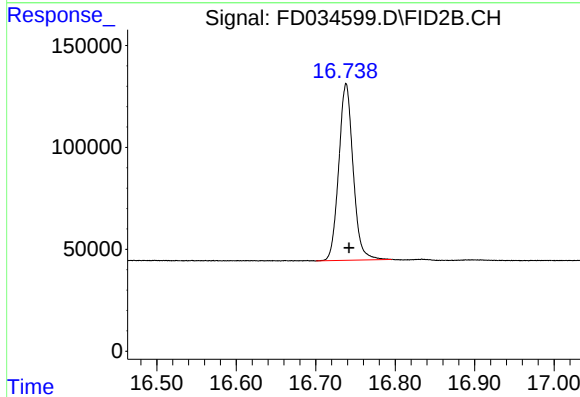
R.T.: 16.360 min
Delta R.T.: -0.003 min
Response: 1109571
Conc: 10.11 ug/ml



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

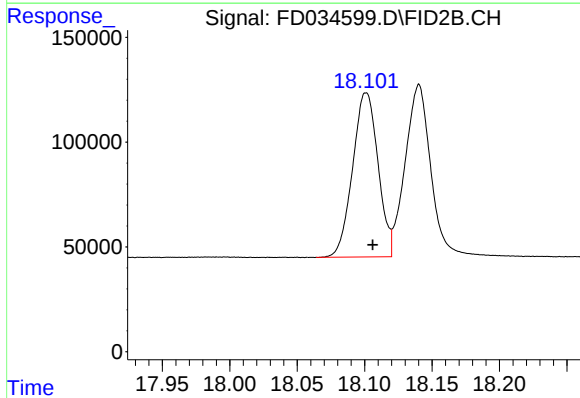
R.T.: 16.390 min
Delta R.T.: -0.004 min
Response: 1109451
Conc: 10.26 ug/ml

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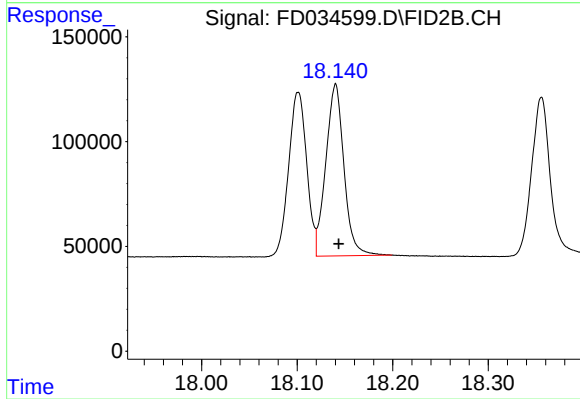
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.738 min
Delta R.T.: -0.003 min
Response: 1089750
Conc: 10.11 ug/ml



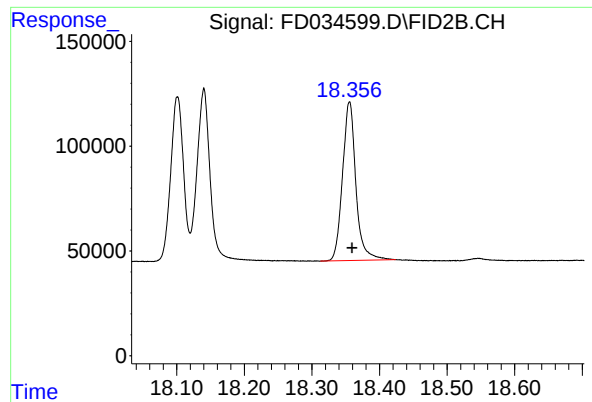
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.101 min
Delta R.T.: -0.005 min
Response: 1025566
Conc: 10.03 ug/ml



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

R.T.: 18.140 min
Delta R.T.: -0.003 min
Response: 1078593
Conc: 10.40 ug/ml



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

R.T.: 18.356 min
Delta R.T.: -0.004 min
Response: 1040070
Conc: 10.14 ug/ml

Instrument :
FID_D
ClientSampleId :
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