

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082820AR\
 Data File : FD034553.D
 Signal(s) : FID2B.CH
 Acq On : 28 Aug 2020 13:37
 Operator : DD\AJ
 Sample : L3816-03MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ALMASI-3MSD

Integration File: autoint1.e
 Quant Time: Aug 31 01:44:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:54:15 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...	7.693	6053960	51.783 ug/ml
Spiked Amount 50.000		Recovery =	103.57%
6) S 2-Fluorobiphenyl (SURR)	8.560	4172903	50.334 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.67%
11) S ortho-Terphenyl (SURR)	11.601	5304276	39.032 ug/ml
Spiked Amount 50.000		Recovery =	78.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.486	5290199	41.505 ug/ml
2) T Naphthalene (C11.7)	6.029	6025090	45.035 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	6248437	46.291 ug/ml
5) T Acenaphthylene (C15.06)	8.363	6028105	45.549 ug/ml
7) T Acenaphthene (C15.5)	8.659	6346430	47.190 ug/ml
8) T Fluorene (C16.55)	9.441	6236992	46.924 ug/ml
9) T Phenanthrene (C19.36)	10.840	6173715	46.059 ug/ml
10) T Anthracene (C19.43)	10.915	6065145	45.698 ug/ml
12) T Fluoranthene (C21.85)	12.654	5985748	44.040 ug/ml
13) T Pyrene (C20.8)	12.952	5860729	44.013 ug/ml
14) T Benzo[a]anthracene (C...	14.823	5590301	42.594 ug/ml
15) T Chrysene (C27.41)	14.867	5647205	43.073 ug/ml
16) T benzo[b]fluoranthene ...	16.375	5835964	45.617 ug/ml
17) T Bnezo[k]fluoranthene ...	16.410	5452459	44.022 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.756	5127379	40.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.123	5638915	46.864 ug/ml
20) T Dibenz[a,h]anthracene...	18.159	5197084	44.023 ug/ml
21) T Benzo[g,h,i]perylene ...	18.379	5514613	46.541 ug/ml

(f)=RT Delta > 1/2 Window

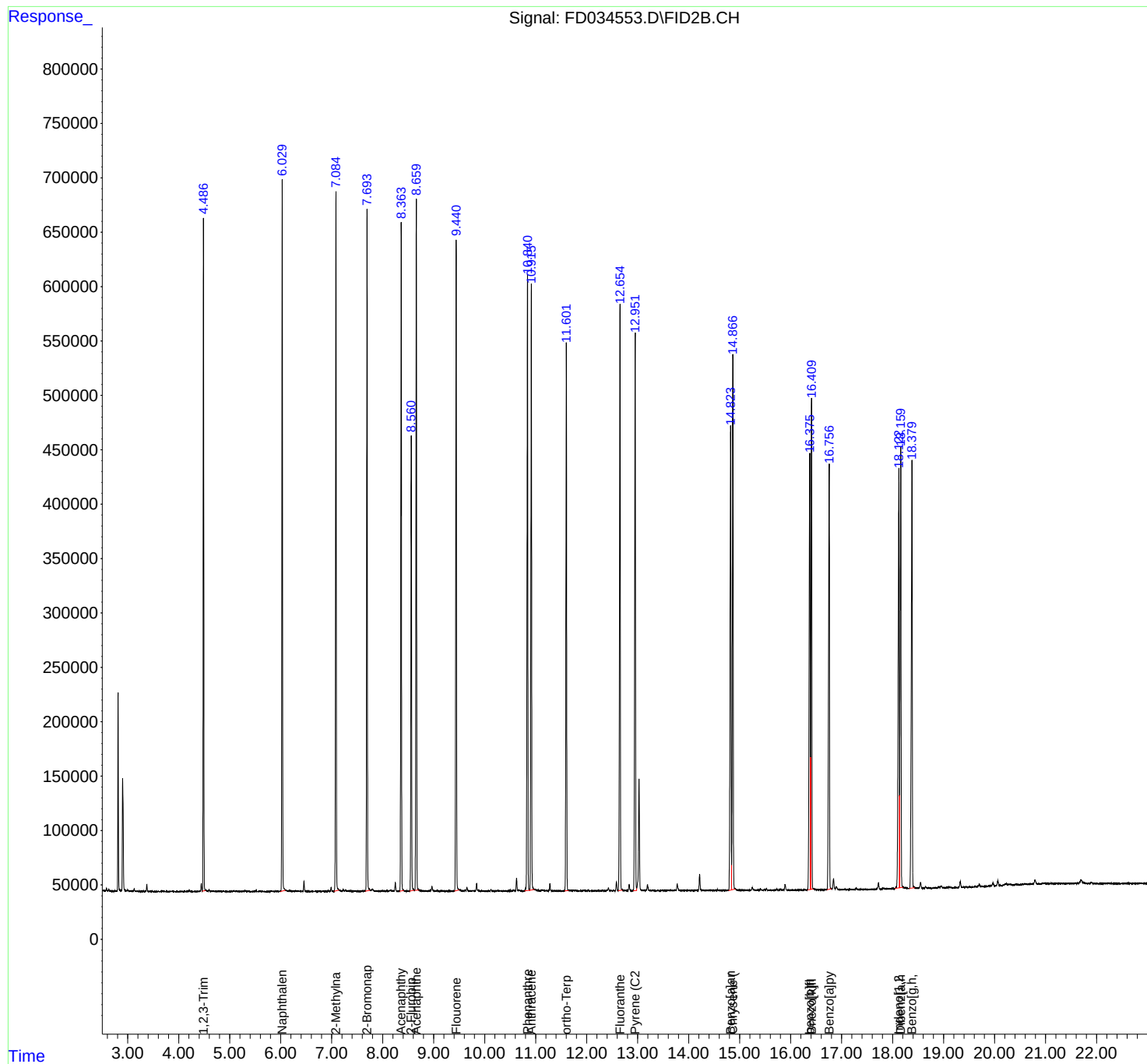
(m)=manual int.

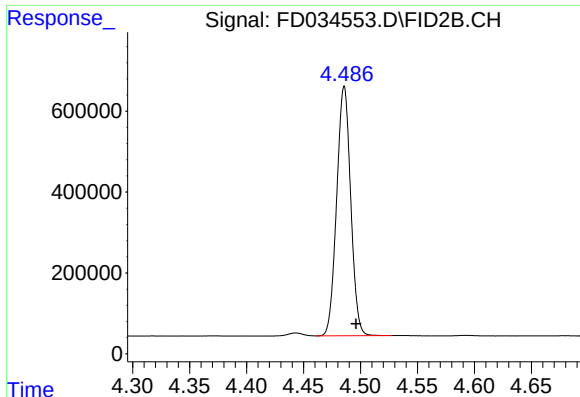
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Signal Info : 20M x 0.18mm x 0.18µm

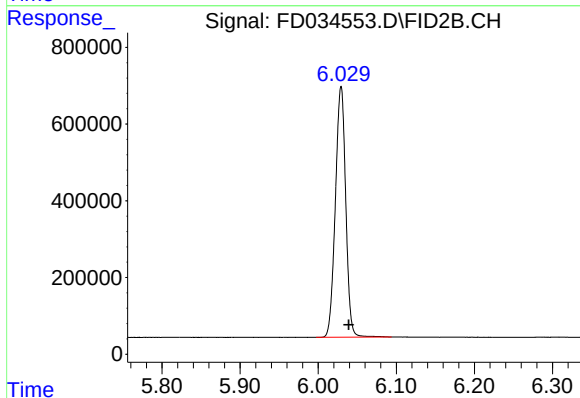




#1 1,2,3-Trimethylbenzene (C10.1)

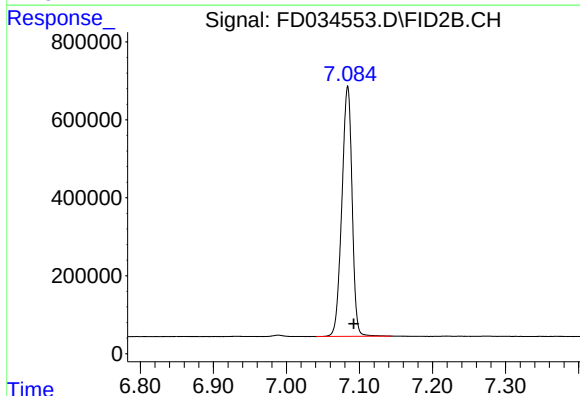
R.T.: 4.486 min
Delta R.T.: -0.010 min
Response: 5290199
Conc: 41.50 ug/ml

Instrument :
FID_D
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ALMASI-3MSD



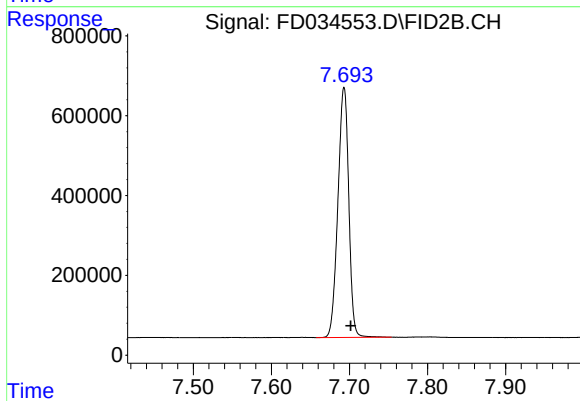
#2 Naphthalene (C11.7)

R.T.: 6.029 min
Delta R.T.: -0.010 min
Response: 6025090
Conc: 45.04 ug/ml



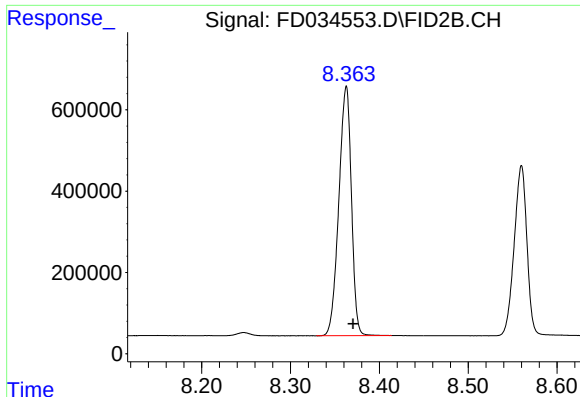
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.008 min
Response: 6248437
Conc: 46.29 ug/ml



#4 2-Bromonaphthalene (SURR)

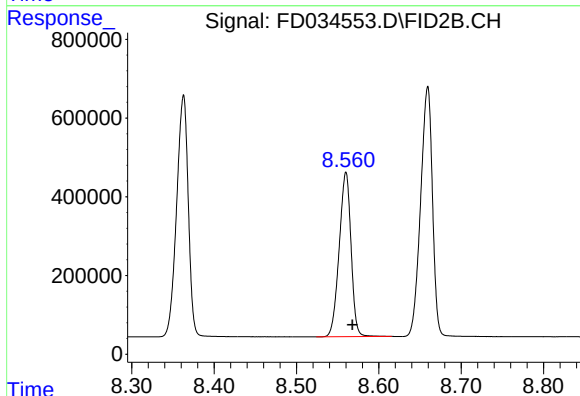
R.T.: 7.693 min
Delta R.T.: -0.009 min
Response: 6053960
Conc: 51.78 ug/ml



#5 Acenaphthylene (C15.06)

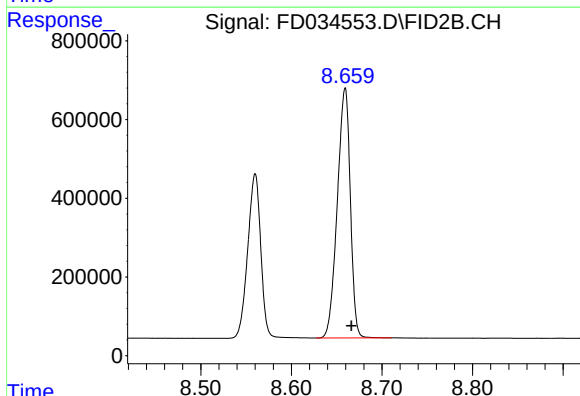
R.T.: 8.363 min
Delta R.T.: -0.008 min
Response: 6028105
Conc: 45.55 ug/ml

Instrument :
FID_D
ClientSampleId :
ALMASI-3MSD



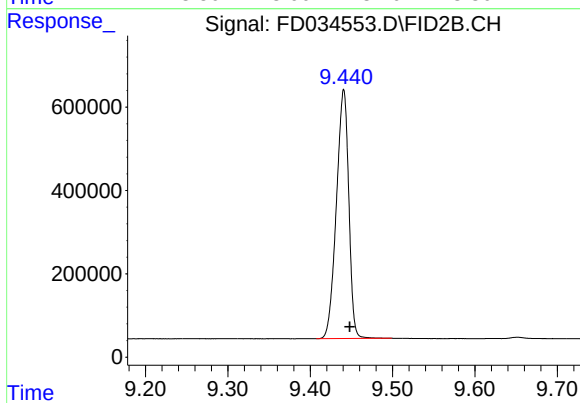
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.008 min
Response: 4172903
Conc: 50.33 ug/ml



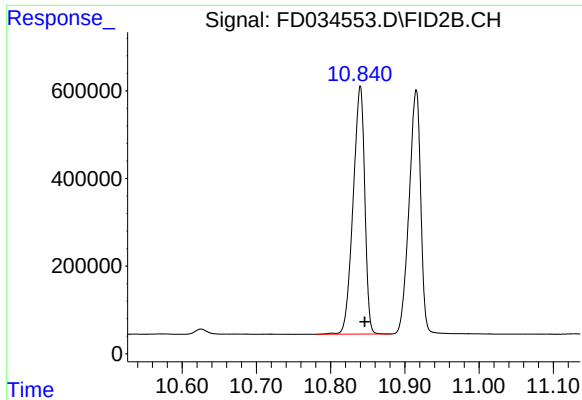
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.007 min
Response: 6346430
Conc: 47.19 ug/ml



#8 Flouorene (C16.55)

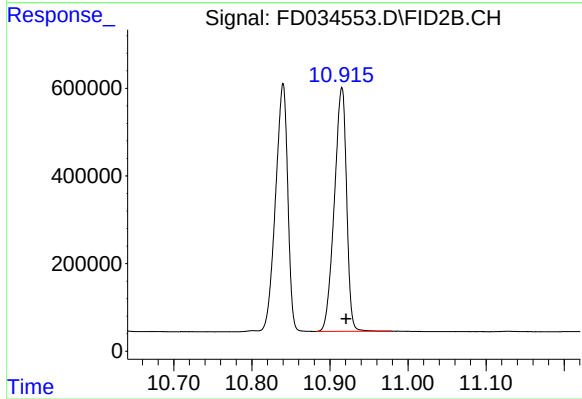
R.T.: 9.441 min
Delta R.T.: -0.007 min
Response: 6236992
Conc: 46.92 ug/ml



#9 Phenanthrene (C19.36)

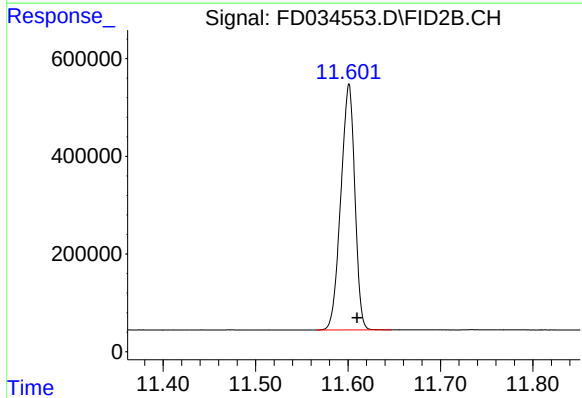
R.T.: 10.840 min
Delta R.T.: -0.006 min
Response: 6173715
Conc: 46.06 ug/ml

Instrument :
FID_D
ClientSampleId :
ALMASI-3MSD



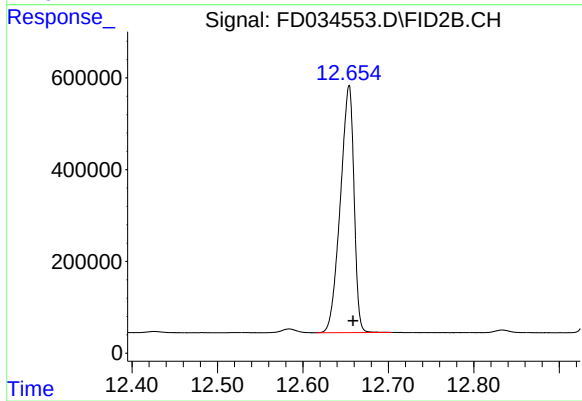
#10 Anthracene (C19.43)

R.T.: 10.915 min
Delta R.T.: -0.005 min
Response: 6065145
Conc: 45.70 ug/ml



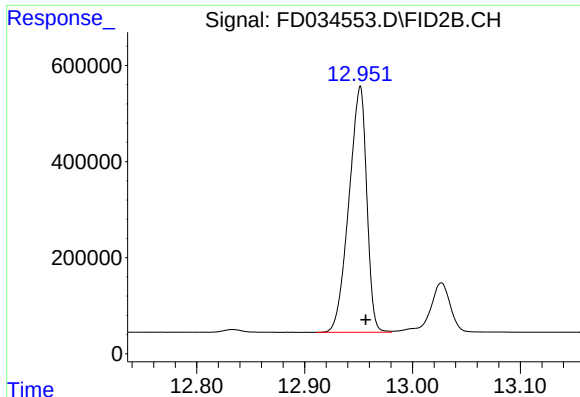
#11 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.009 min
Response: 5304276
Conc: 39.03 ug/ml



#12 Fluoranthene (C21.85)

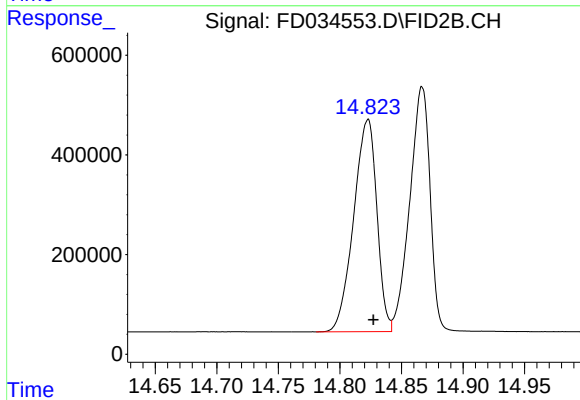
R.T.: 12.654 min
Delta R.T.: -0.005 min
Response: 5985748
Conc: 44.04 ug/ml



#13 Pyrene (C20.8)

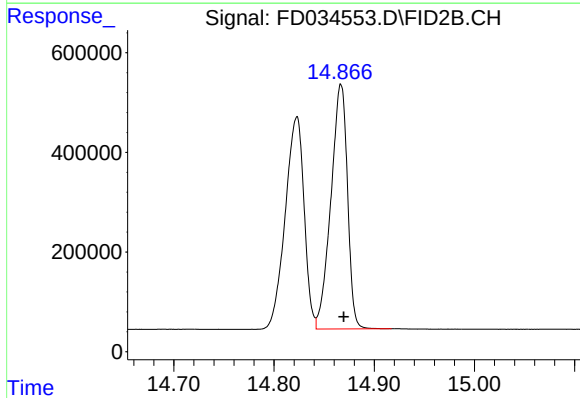
R.T.: 12.952 min
Delta R.T.: -0.005 min
Response: 5860729
Conc: 44.01 ug/ml

Instrument :
FID_D
ClientSampleId :
ALMASI-3MSD



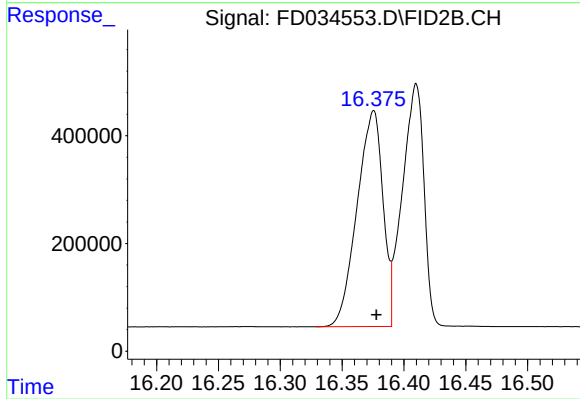
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.005 min
Response: 5590301
Conc: 42.59 ug/ml



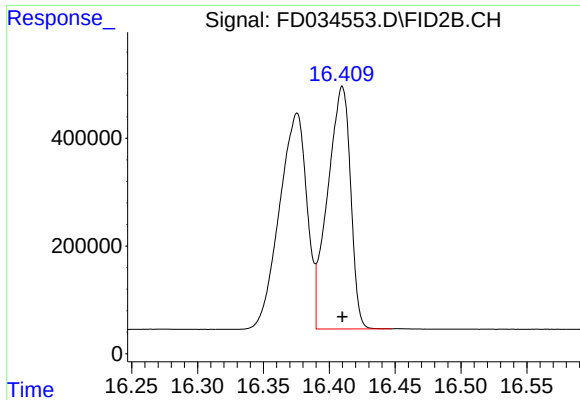
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: -0.003 min
Response: 5647205
Conc: 43.07 ug/ml



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

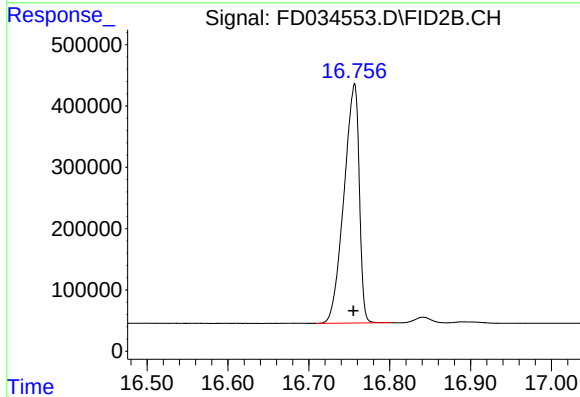
R.T.: 16.375 min
Delta R.T.: -0.002 min
Response: 5835964
Conc: 45.62 ug/ml



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

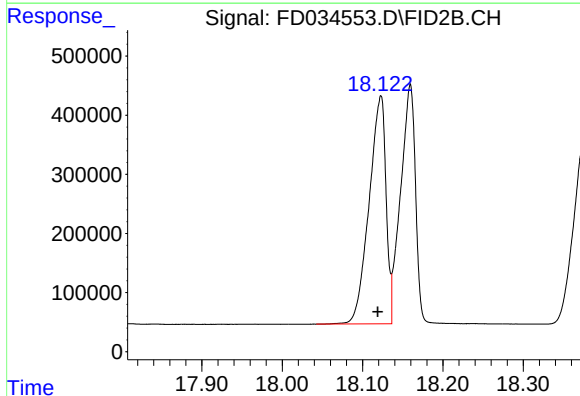
R.T.: 16.410 min
Delta R.T.: 0.000 min
Response: 5452459
Conc: 44.02 ug/ml

Instrument :
FID_D
ClientSampleId :
ALMASI-3MSD



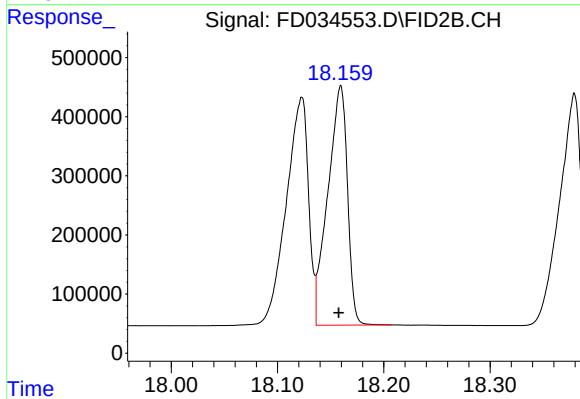
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.756 min
Delta R.T.: 0.001 min
Response: 5127379
Conc: 40.95 ug/ml



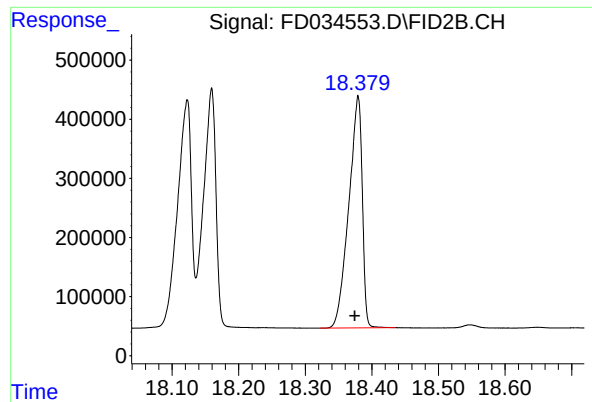
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min
Delta R.T.: 0.004 min
Response: 5638915
Conc: 46.86 ug/ml



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

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 5197084
Conc: 44.02 ug/ml



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

R.T.: 18.379 min
Delta R.T.: 0.005 min
Response: 5514613
Conc: 46.54 ug/ml

Instrument :
FID_D
ClientSampleId :
ALMASI-3MSD