

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110819AR\
 Data File : FD031387.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 15:08
 Operator : DD\AJ
 Sample : K5725-07
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 08 16:59:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.638	4970407	41.755 ug/ml
Spiked Amount 50.000		Recovery =	83.51%
6) S 2-Fluorobiphenyl (SURR)	8.498	2491569	30.240 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.48%
11) S ortho-Terphenyl (SURR)	11.540	3282467	25.651 ug/ml
Spiked Amount 50.000		Recovery =	51.30%
Target Compounds			
2) T Naphthalene (C11.7)	5.974	238401	1.852 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	109721	0.854 ug/ml
7) T Acenaphthene (C15.5)	8.595	135092	1.032 ug/ml
8) T Flouorene (C16.55)	9.374	178953	1.369 ug/ml
9) T Phenanthrene (C19.36)	10.769	1778051	13.495 ug/ml
10) T Anthracene (C19.43)	10.841	425547	3.300 ug/ml
12) T Fluoranthene (C21.85)	12.580	2652241	20.013 ug/ml
13) T Pyrene (C20.8)	12.876	2293639	17.416 ug/ml
14) T Benzo[a]anthracene (C...	14.783	1465597	11.578 ug/ml
15) T Chrysene (C27.41)	14.783	1465597	11.555 ug/ml
16) T benzo[b]fluoranthene ...	16.319	672365	5.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	672365	5.343 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	1674143	13.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.070	318514	2.619 ug/ml
20) T Dibenz[a,h]anthracene...	18.070	318514	2.572 ug/ml
21) T Benzo[g,h,i]perylene ...	18.362	26540	0.220 ug/ml

(f)=RT Delta > 1/2 Window

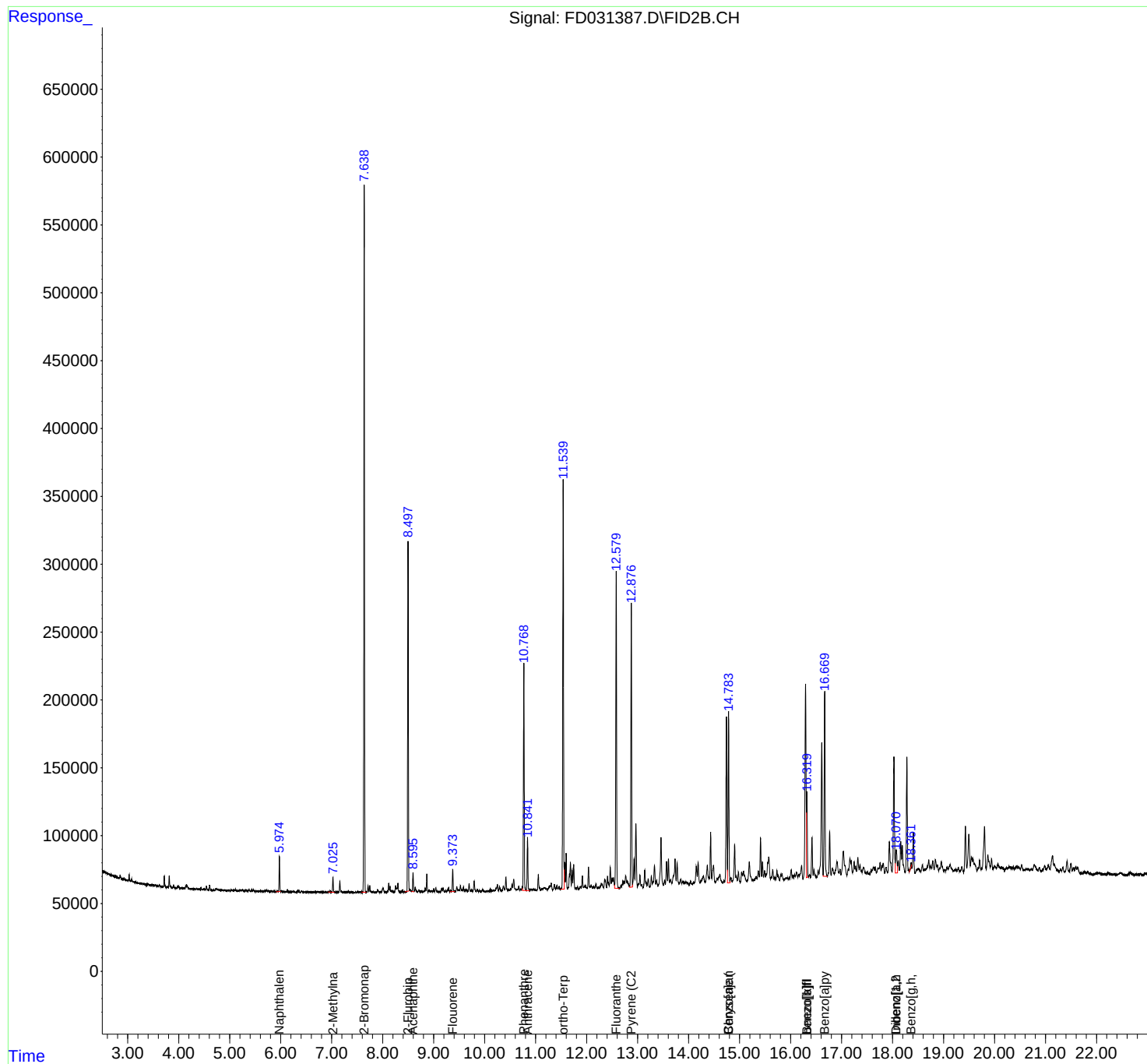
(m)=manual int.

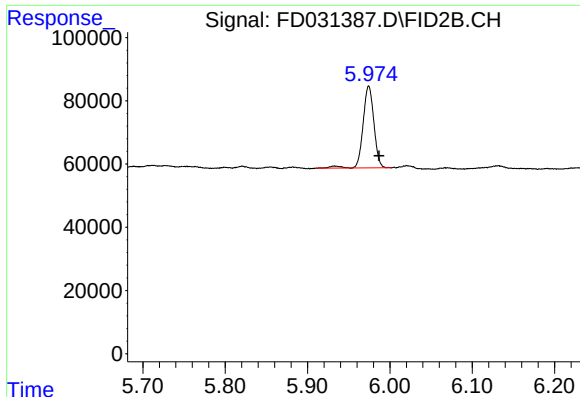
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Signal Info : 20M x 0.18mm x 0.18µm

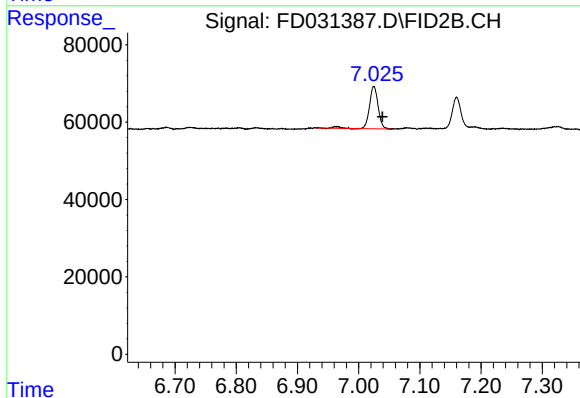




#2 Naphthalene (C11.7)

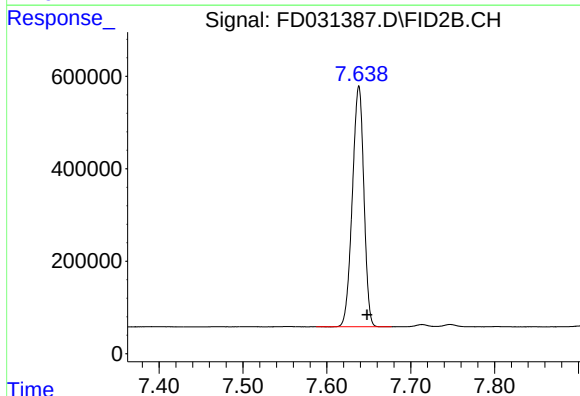
R.T.: 5.974 min
Delta R.T.: -0.012 min
Response: 238401
Conc: 1.85 ug/ml

Instrument :
FID_D
ClientSampleId :



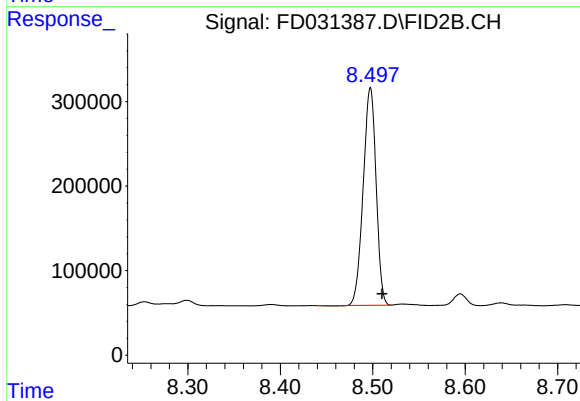
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.014 min
Response: 109721
Conc: 0.85 ug/ml



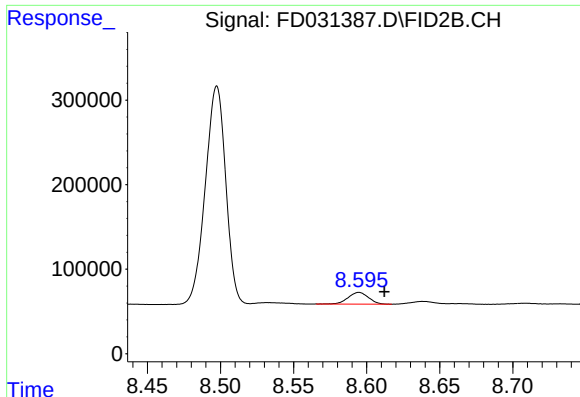
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: -0.010 min
Response: 4970407
Conc: 41.76 ug/ml



#6 2-Fluorobiphenyl (SURR)

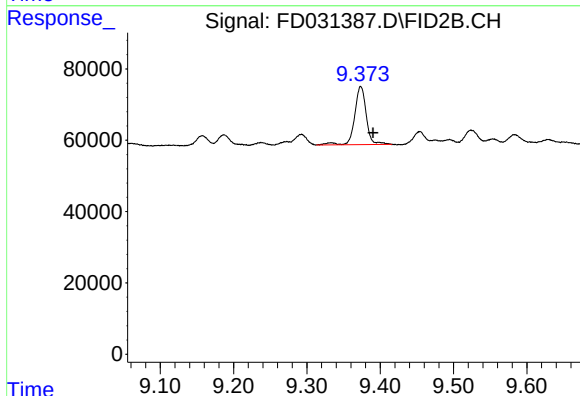
R.T.: 8.498 min
Delta R.T.: -0.013 min
Response: 2491569
Conc: 30.24 ug/ml



#7 Acenaphthene (C15.5)

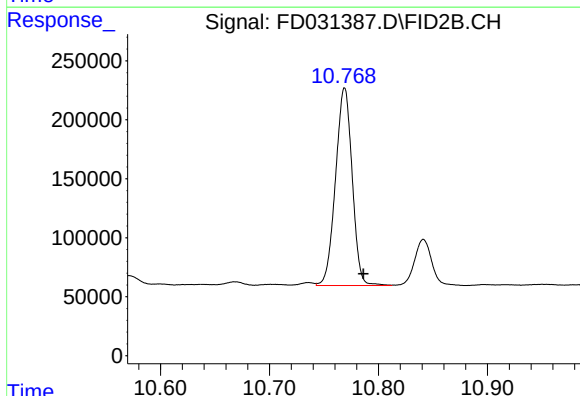
R.T.: 8.595 min
Delta R.T.: -0.017 min
Response: 135092
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



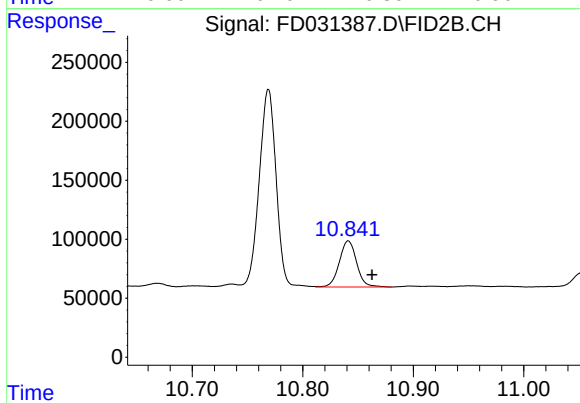
#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.017 min
Response: 178953
Conc: 1.37 ug/ml



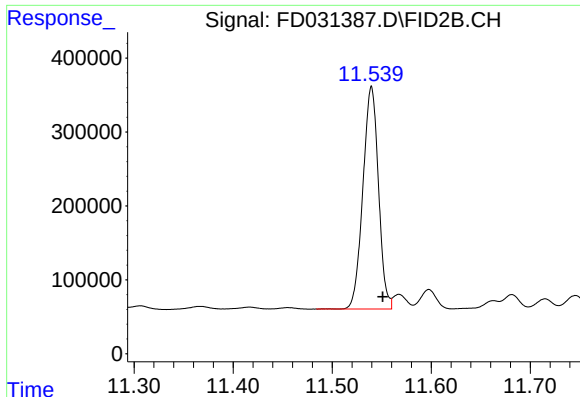
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: -0.017 min
Response: 1778051
Conc: 13.49 ug/ml



#10 Anthracene (C19.43)

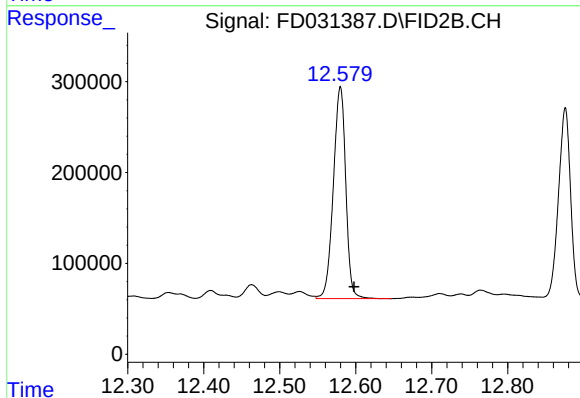
R.T.: 10.841 min
Delta R.T.: -0.021 min
Response: 425547
Conc: 3.30 ug/ml



#11 ortho-Terphenyl (SURR)

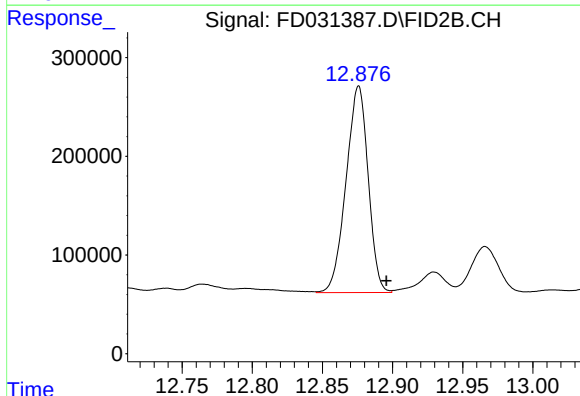
R.T.: 11.540 min
Delta R.T.: -0.011 min
Response: 3282467
Conc: 25.65 ug/ml

Instrument :
FID_D
ClientSampleId :



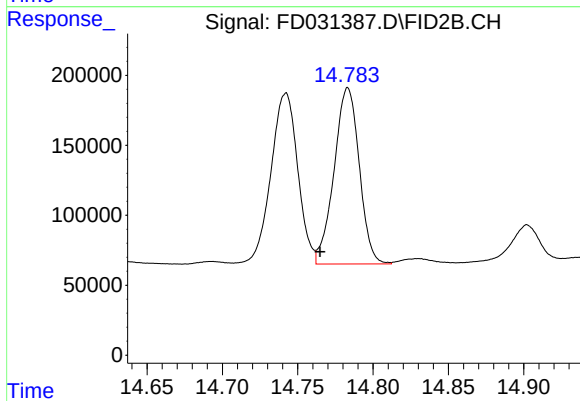
#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 2652241
Conc: 20.01 ug/ml



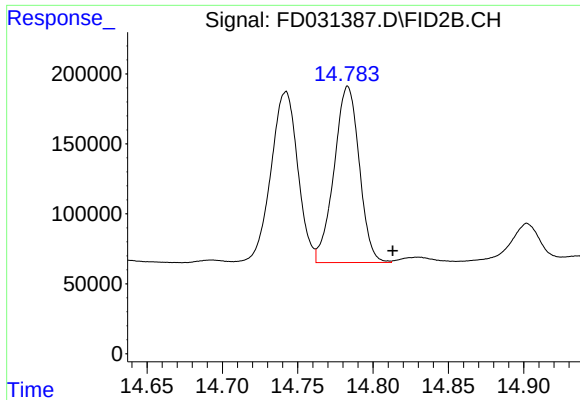
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.020 min
Response: 2293639
Conc: 17.42 ug/ml



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

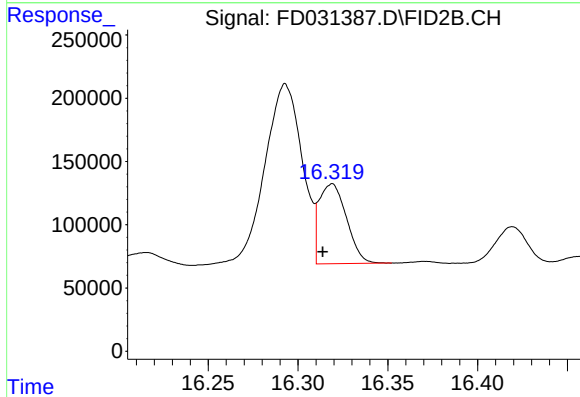
R.T.: 14.783 min
Delta R.T.: 0.019 min
Response: 1465597
Conc: 11.58 ug/ml



#15 Chrysene (C27.41)

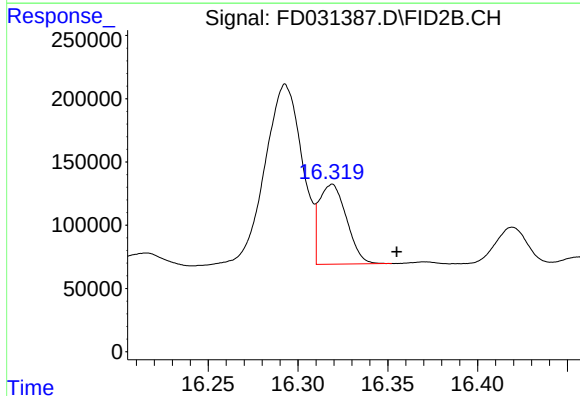
R.T.: 14.783 min
Delta R.T.: -0.030 min
Response: 1465597
Conc: 11.56 ug/ml

Instrument :
FID_D
ClientSampleId :



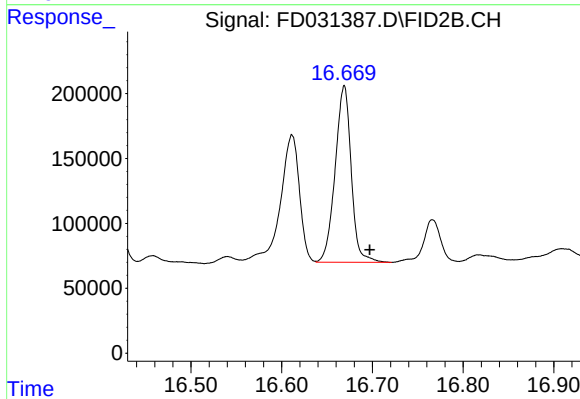
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.319 min
Delta R.T.: 0.005 min
Response: 672365
Conc: 5.36 ug/ml



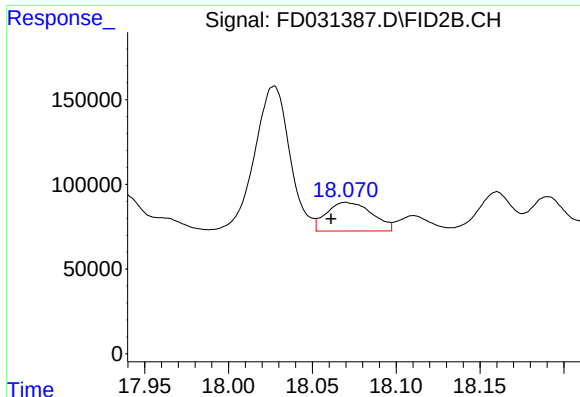
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.319 min
Delta R.T.: -0.036 min
Response: 672365
Conc: 5.34 ug/ml



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

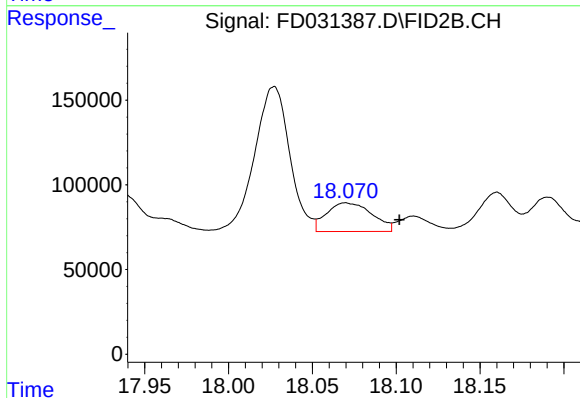
R.T.: 16.669 min
Delta R.T.: -0.028 min
Response: 1674143
Conc: 13.49 ug/ml



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

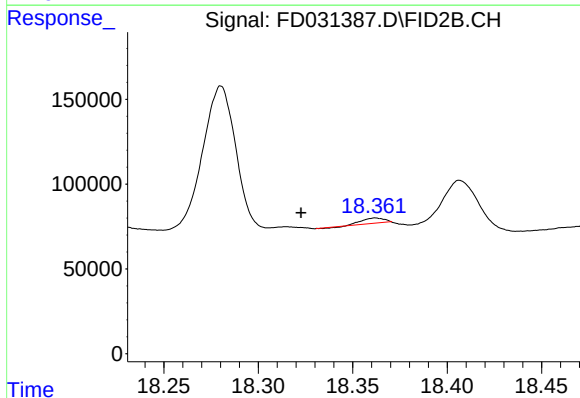
R.T.: 18.070 min
Delta R.T.: 0.008 min
Response: 318514
Conc: 2.62 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.070 min
Delta R.T.: -0.032 min
Response: 318514
Conc: 2.57 ug/ml



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

R.T.: 18.362 min
Delta R.T.: 0.040 min
Response: 26540
Conc: 0.22 ug/ml