

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030520AR\
 Data File : FD032505.D
 Signal(s) : FID2B.CH
 Acq On : 05 Mar 2020 18:21
 Operator : DD\AJ
 Sample : L1778-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 06 01:00:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.624	6890200	53.310 ug/ml
Spiked Amount 50.000		Recovery =	106.62%
6) S 2-Fluorobiphenyl (SURR)	8.485	4719586	53.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.92%
11) S ortho-Terphenyl (SURR)	11.521	4881727	35.208 ug/ml
Spiked Amount 50.000		Recovery =	70.42%
Target Compounds			
2) T Naphthalene (C11.7)	5.963	199719	1.406 ug/ml
3) T 2-Methylnaphthalene (...)	7.012	361630	2.548 ug/ml
8) T Fluorene (C16.55)	9.359	187582	1.338 ug/ml
9) T Phenanthrene (C19.36)	10.752	1240609	8.877 ug/ml
10) T Anthracene (C19.43)	10.826	326057	2.329 ug/ml
12) T Fluoranthene (C21.85)	12.562	2199833	15.685 ug/ml
13) T Pyrene (C20.8)	12.858	1794051	13.048 ug/ml
14) T Benzo[a]anthracene (C...	14.726	1067117	8.178 ug/ml
15) T Chrysene (C27.41)	14.767	1057446	7.855 ug/ml
16) T benzo[b]fluoranthene ...	16.277	1079909	8.418 ug/ml
17) T Bnezo[k]fluoranthene ...	16.304	375044	2.857 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.653	768150	6.030 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	433002	3.634 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	433002	3.425 ug/ml
21) T Benzo[g,h,i]perylene ...	18.267	339085	2.868 ug/ml

(f)=RT Delta > 1/2 Window

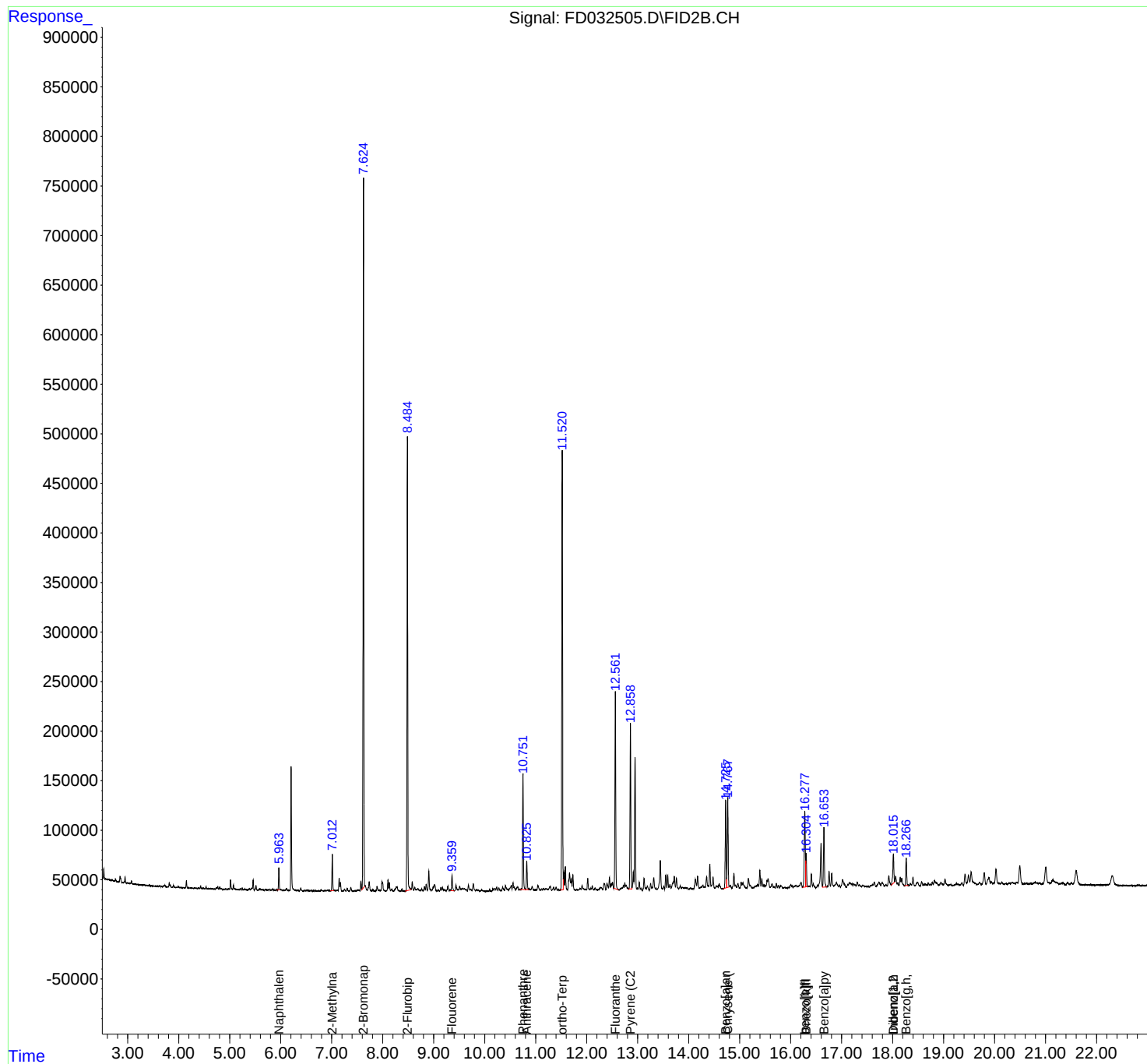
(m)=manual int.

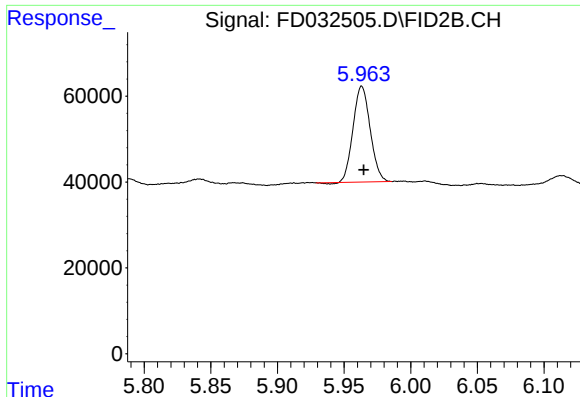
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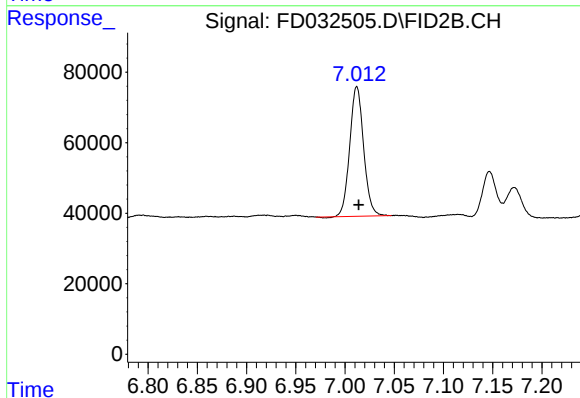




#2 Naphthalene (C11.7)

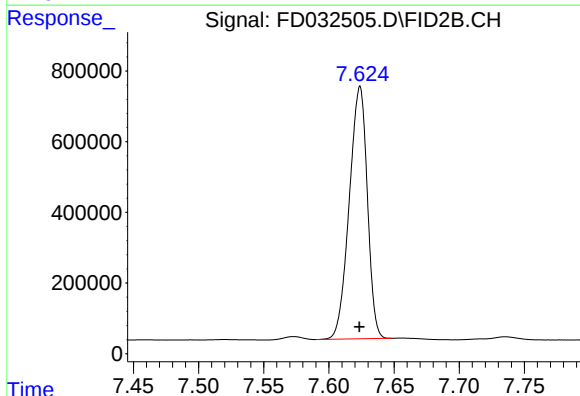
R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 199719
Conc: 1.41 ug/ml

Instrument :
FID_D
ClientSampleId :



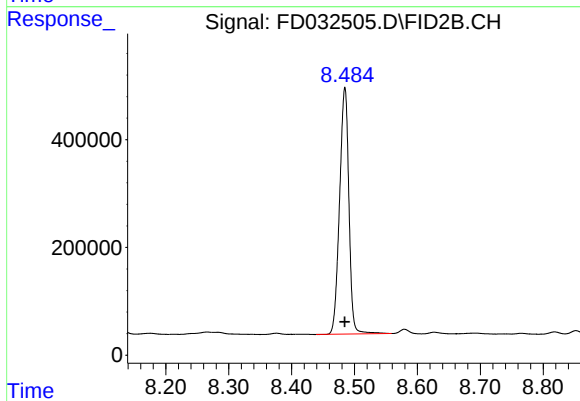
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 361630
Conc: 2.55 ug/ml



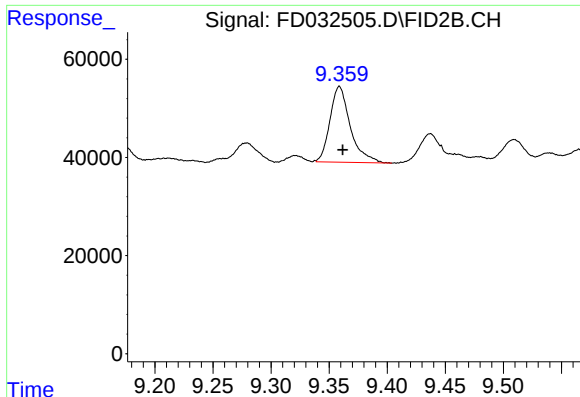
#4 2-Bromonaphthalene (SURR)

R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 6890200
Conc: 53.31 ug/ml



#6 2-Fluorobiphenyl (SURR)

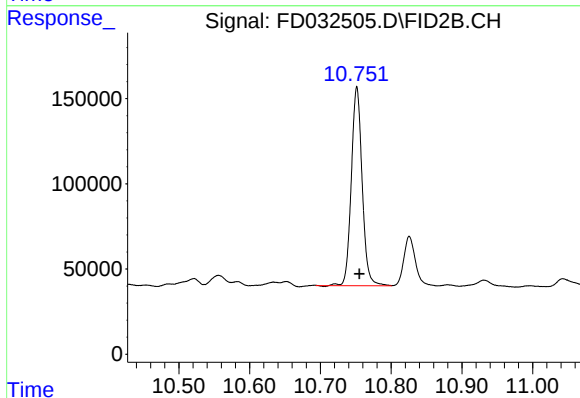
R.T.: 8.485 min
Delta R.T.: 0.000 min
Response: 4719586
Conc: 53.46 ug/ml



#8 Flouorene (C16.55)

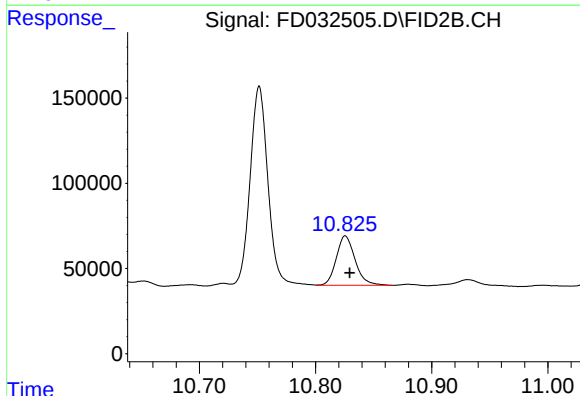
R.T.: 9.359 min
Delta R.T.: -0.003 min
Response: 187582
Conc: 1.34 ug/ml

Instrument :
FID_D
ClientSampleId :



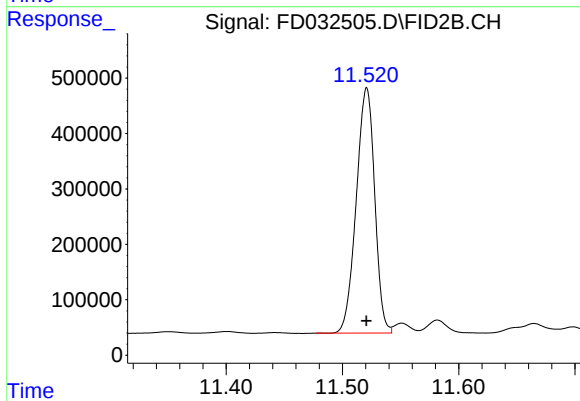
#9 Phenanthrene (C19.36)

R.T.: 10.752 min
Delta R.T.: -0.004 min
Response: 1240609
Conc: 8.88 ug/ml



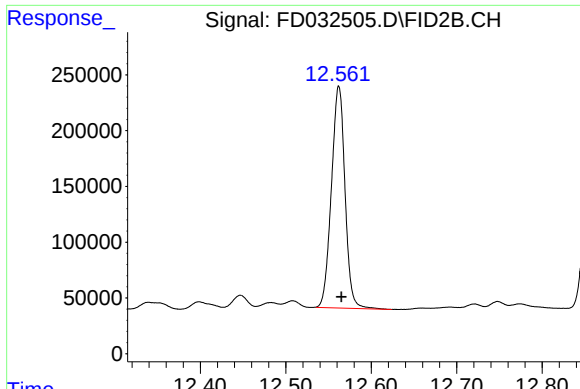
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.004 min
Response: 326057
Conc: 2.33 ug/ml



#11 ortho-Terphenyl (SURR)

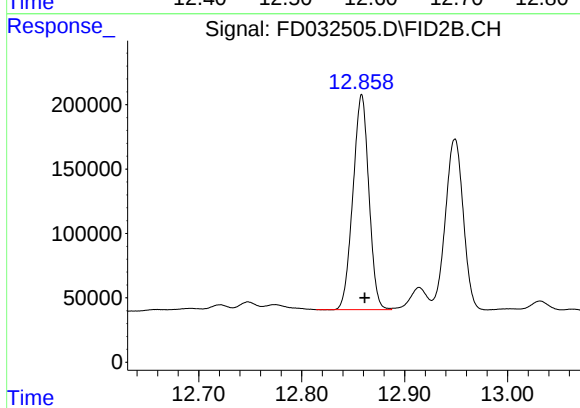
R.T.: 11.521 min
Delta R.T.: 0.000 min
Response: 4881727
Conc: 35.21 ug/ml



#12 Fluoranthene (C21.85)

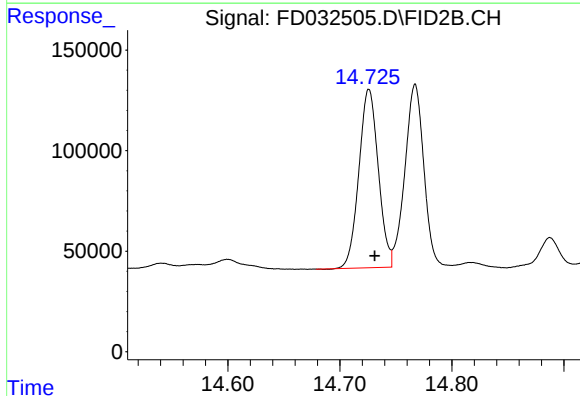
R.T.: 12.562 min
Delta R.T.: -0.003 min
Response: 2199833
Conc: 15.68 ug/ml

Instrument :
FID_D
ClientSampleId :



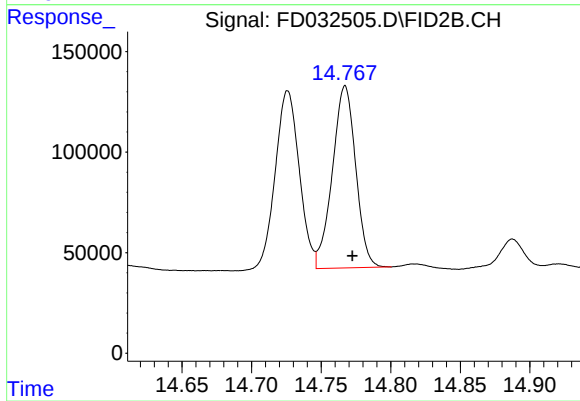
#13 Pyrene (C20.8)

R.T.: 12.858 min
Delta R.T.: -0.003 min
Response: 1794051
Conc: 13.05 ug/ml



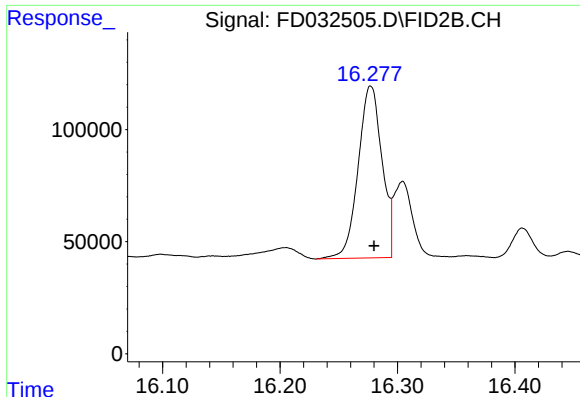
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: -0.005 min
Response: 1067117
Conc: 8.18 ug/ml



#15 Chrysene (C27.41)

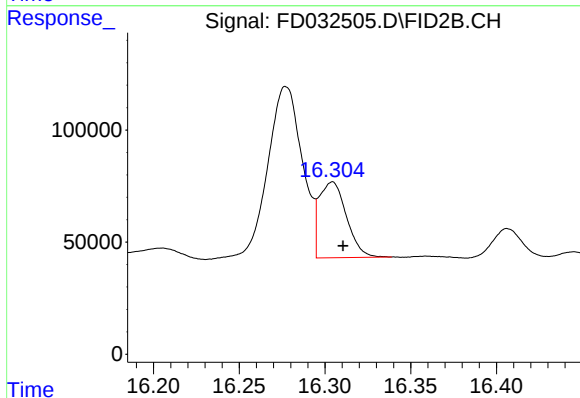
R.T.: 14.767 min
Delta R.T.: -0.005 min
Response: 1057446
Conc: 7.86 ug/ml



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

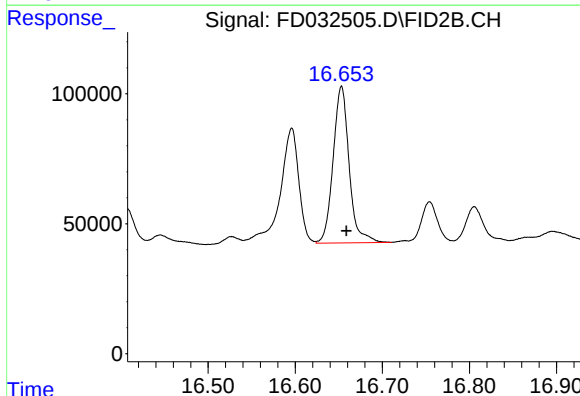
R.T.: 16.277 min
Delta R.T.: -0.003 min
Response: 1079909
Conc: 8.42 ug/ml

Instrument :
FID_D
ClientSampleId :



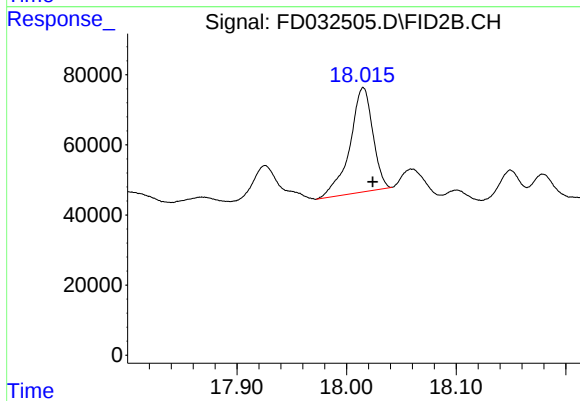
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min
Delta R.T.: -0.006 min
Response: 375044
Conc: 2.86 ug/ml



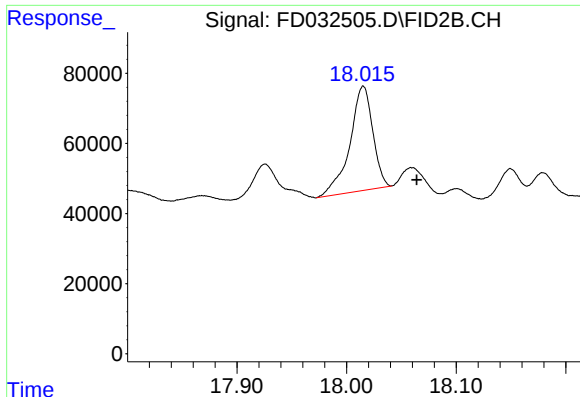
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.653 min
Delta R.T.: -0.006 min
Response: 768150
Conc: 6.03 ug/ml



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

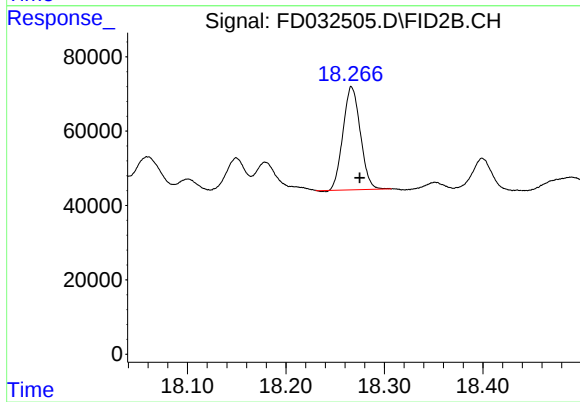
R.T.: 18.015 min
Delta R.T.: -0.009 min
Response: 433002
Conc: 3.63 ug/ml



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

R.T.: 18.015 min
Delta R.T.: -0.049 min
Response: 433002
Conc: 3.42 ug/ml

Instrument :
FID_D
ClientSampleId :



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

R.T.: 18.267 min
Delta R.T.: -0.008 min
Response: 339085
Conc: 2.87 ug/ml