

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092225AR\
 Data File : FD049742.D
 Signal(s) : FID2B.ch
 Acq On : 22 Sep 2025 17:44
 Operator : YP/AJ
 Sample : Q3123-01D
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-2

Integration File: autoint1.e
 Quant Time: Sep 23 07:29:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.698	4947260	43.990 ug/ml
Spiked Amount 50.000		Recovery =	87.98%
6) S 2-Fluorobiphenyl (SURR)	8.562	3262692	40.646 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.29%
11) S ortho-Terphenyl (SURR)	11.610	4780562	33.789 ug/ml
Spiked Amount 50.000		Recovery =	67.58%
Target Compounds			
7) T Acenaphthene (C15.5)	8.658	286101	2.064 ug/ml
8) T Flouorene (C16.55)	9.439	300553	2.167 ug/ml
9) T Phenanthrene (C19.36)	10.841	3744147	26.878 ug/ml
10) T Anthracene (C19.43)	10.912	994780	7.534 ug/ml
12) T Fluoranthene (C21.85)	12.658	5777991	42.905 ug/ml
13) T Pyrene (C20.8)	12.955	5053199	37.987 ug/ml
14) T Benzo[a]anthracene (C...	14.823	2802720	23.437 ug/ml
15) T Chrysene (C27.41)	14.866	2535367	20.841 ug/ml
16) T benzo[b]fluoranthene ...	16.378	2918652	24.349 ug/ml
17) T Bnezo[k]fluoranthene ...	16.404	970150	8.610 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2257408	19.237 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.115	1552312	14.269 ug/ml
20) T Dibenz[a,h]anthracene...	18.157	462098	4.055 ug/ml
21) T Benzo[g,h,i]perylene ...	18.369	1228566	10.559 ug/ml

(f)=RT Delta > 1/2 Window

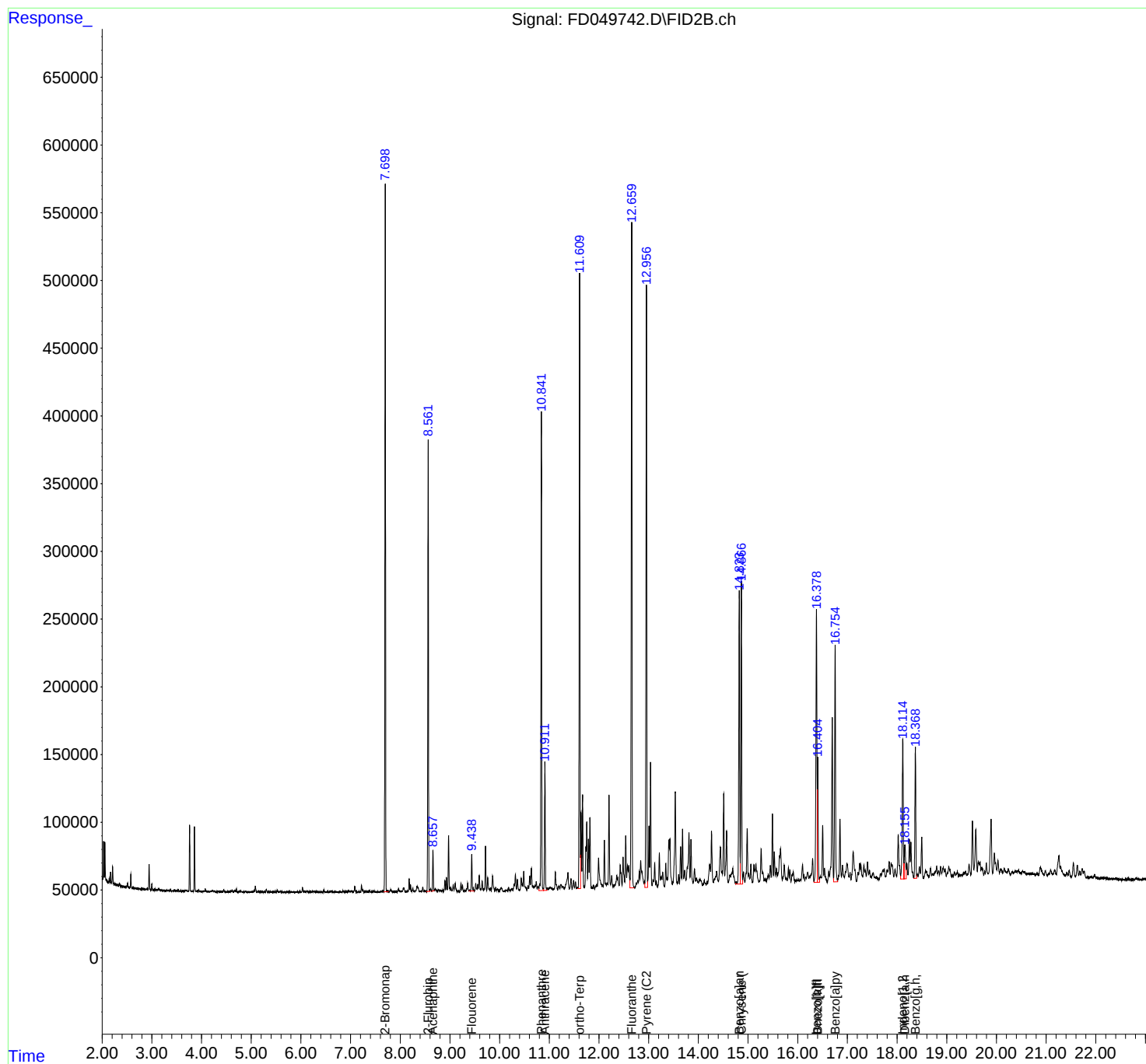
(m)=manual int.

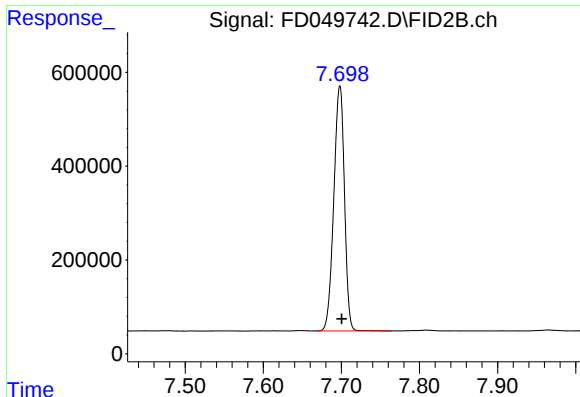
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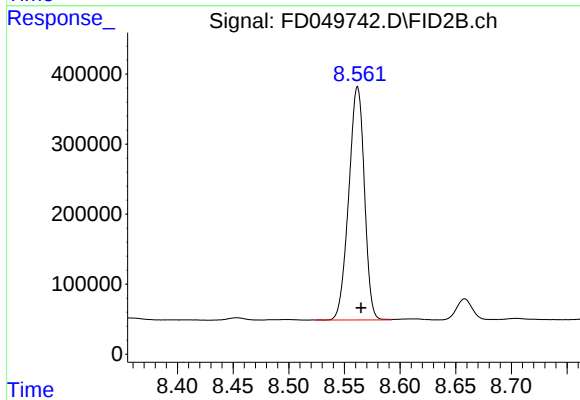




#4 2-Bromonaphthalene (SURRE)

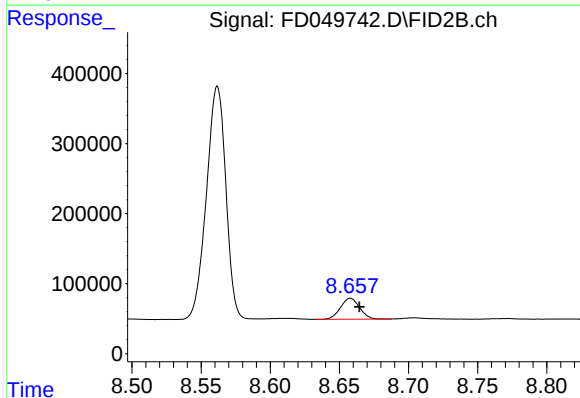
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 4947260
Conc: 43.99 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2



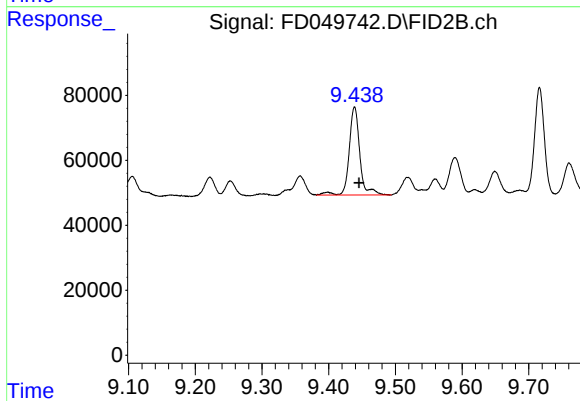
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 3262692
Conc: 40.65 ug/ml



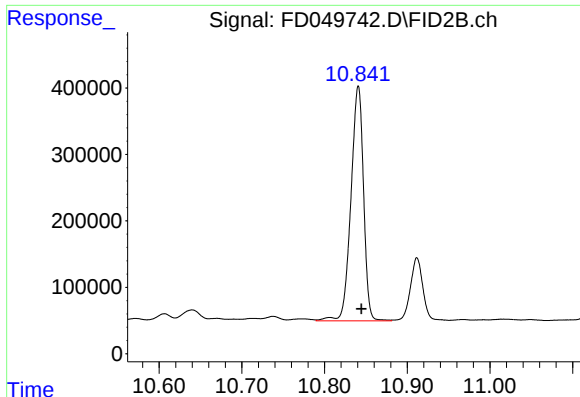
#7 Acenaphthene (C15.5)

R.T.: 8.658 min
Delta R.T.: -0.007 min
Response: 286101
Conc: 2.06 ug/ml



#8 Fluorene (C16.55)

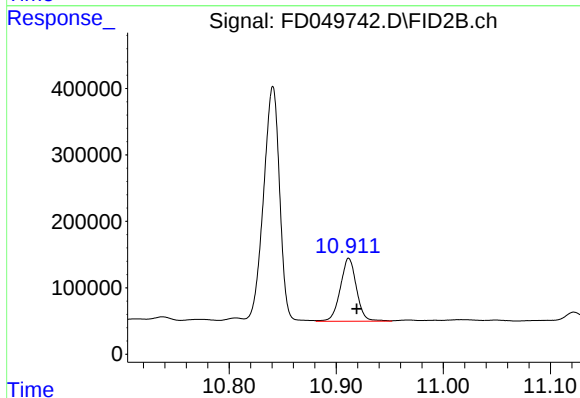
R.T.: 9.439 min
Delta R.T.: -0.007 min
Response: 300553
Conc: 2.17 ug/ml



#9 Phenanthrene (C19.36)

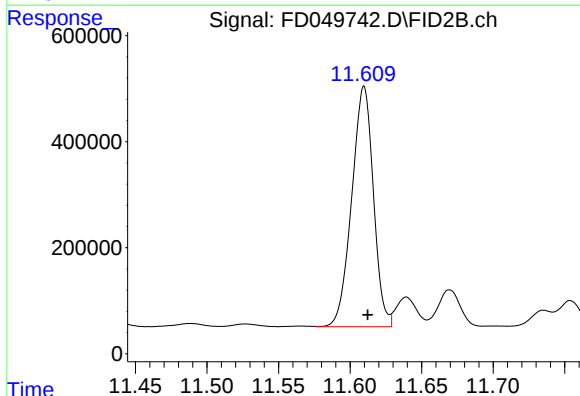
R.T.: 10.841 min
Delta R.T.: -0.004 min
Response: 3744147
Conc: 26.88 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2



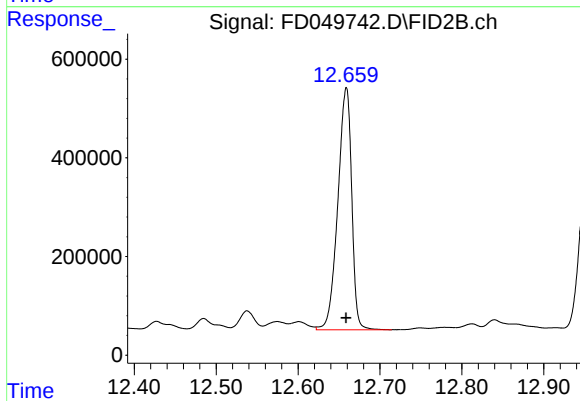
#10 Anthracene (C19.43)

R.T.: 10.912 min
Delta R.T.: -0.007 min
Response: 994780
Conc: 7.53 ug/ml



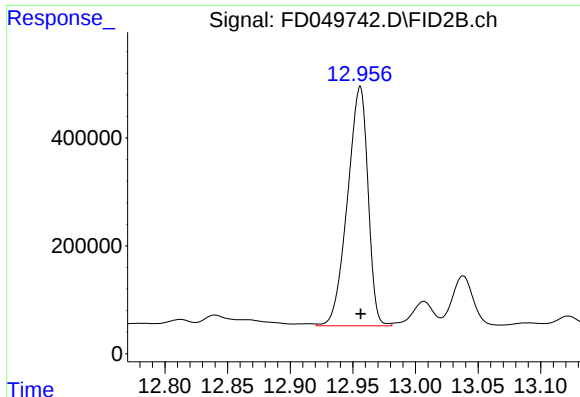
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.003 min
Response: 4780562
Conc: 33.79 ug/ml



#12 Fluoranthene (C21.85)

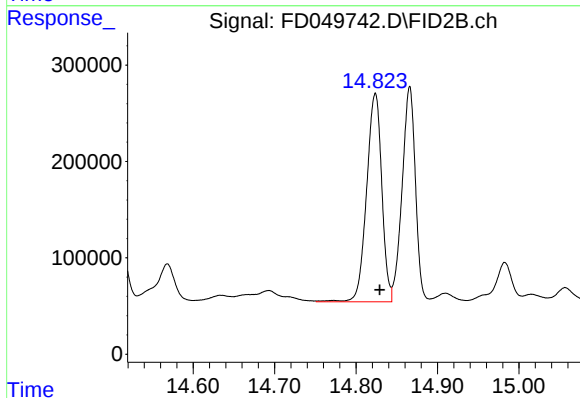
R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 5777991
Conc: 42.90 ug/ml



#13 Pyrene (C20.8)

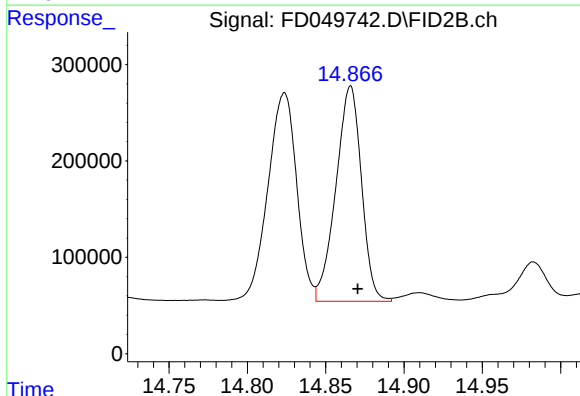
R.T.: 12.955 min
Delta R.T.: 0.000 min
Response: 5053199
Conc: 37.99 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2



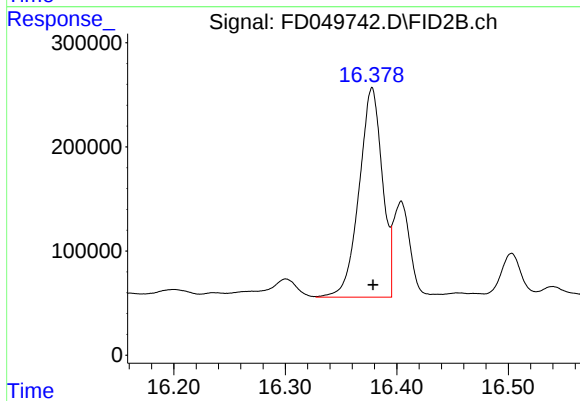
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.823 min
Delta R.T.: -0.006 min
Response: 2802720
Conc: 23.44 ug/ml



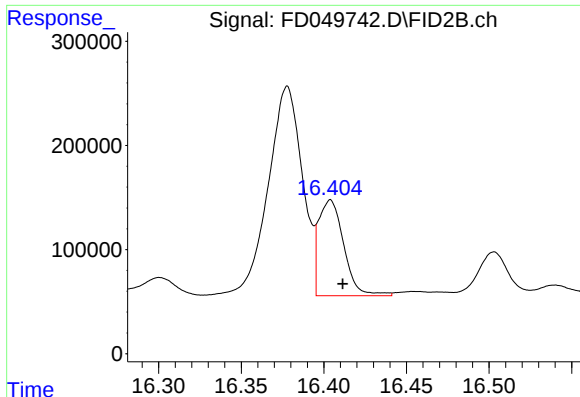
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.005 min
Response: 2535367
Conc: 20.84 ug/ml



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

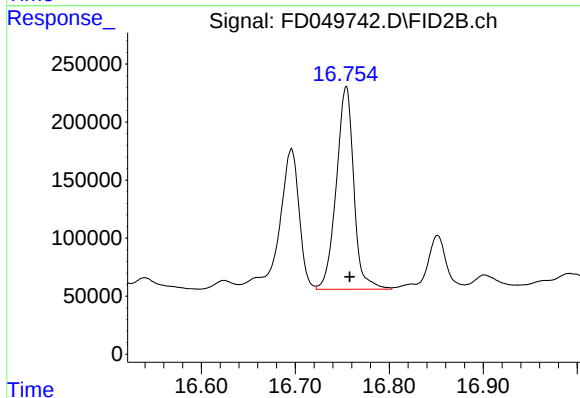
R.T.: 16.378 min
Delta R.T.: -0.001 min
Response: 2918652
Conc: 24.35 ug/ml



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

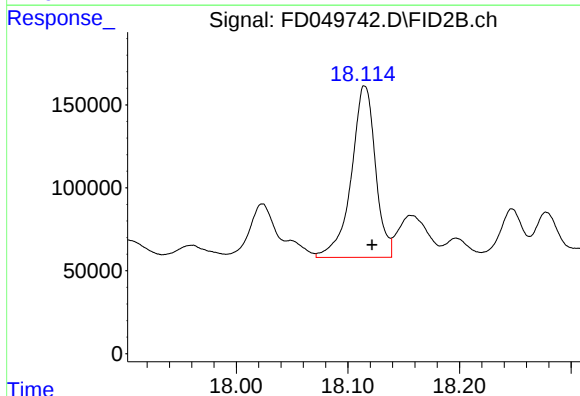
R.T.: 16.404 min
Delta R.T.: -0.008 min
Response: 970150
Conc: 8.61 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2



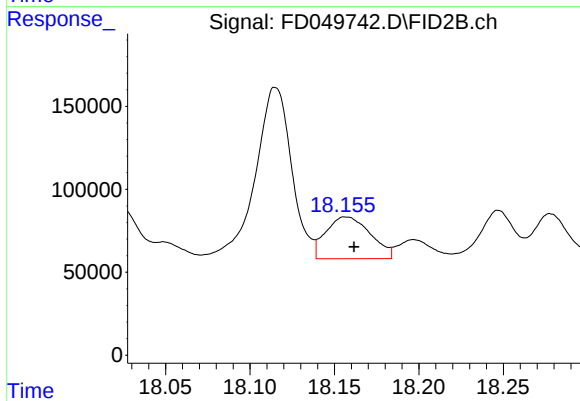
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: -0.004 min
Response: 2257408
Conc: 19.24 ug/ml



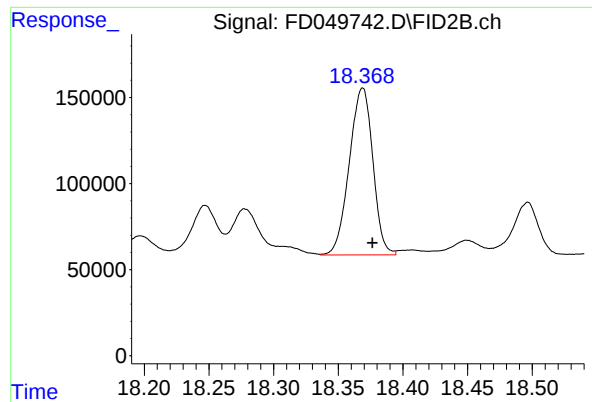
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.115 min
Delta R.T.: -0.007 min
Response: 1552312
Conc: 14.27 ug/ml



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

R.T.: 18.157 min
Delta R.T.: -0.005 min
Response: 462098
Conc: 4.06 ug/ml



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

R.T.: 18.369 min
Delta R.T.: -0.008 min
Response: 1228566
Conc: 10.56 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-2