

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015337.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 21:05
 Operator : YP\AJ
 Sample : Q1194-03
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 00:50:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.993	7533896	57.075 ug/ml
Spiked Amount 50.000		Recovery =	114.15%
6) S 2-Fluorobiphenyl (SURR)	8.866	4747058	56.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.48%
11) S ortho-Terphenyl (SURR)	11.931	7699111	44.725 ug/ml
Spiked Amount 50.000		Recovery =	89.45%
Target Compounds			
2) T Naphthalene (C11.7)	6.273	44460	0.277 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	40783	0.256 ug/ml
7) T Acenaphthene (C15.5)	8.961	46214	0.283 ug/ml
8) T Fluorene (C16.55)	9.754	34179	0.217 ug/ml
9) T Phenanthrene (C19.36)	11.158	136003	0.852 ug/ml
10) T Anthracene (C19.43)	11.236	30258	0.205 ug/ml
12) T Fluoranthene (C21.85)	12.982	254938	1.541 ug/ml
13) T Pyrene (C20.8)	13.276	94269	0.582 ug/ml
14) T Benzo[a]anthracene (C...	15.184	158651	1.063 ug/ml
15) T Chrysene (C27.41)	15.184	158651	1.021 ug/ml
16) T benzo[b]fluoranthene ...	16.727	48027	0.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.727	48027	0.340 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.106	34473	0.243 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.444	175299	1.391 ug/ml
20) T Dibenz[a,h]anthracene...	18.514	80277	0.543 ug/ml

(f)=RT Delta > 1/2 Window

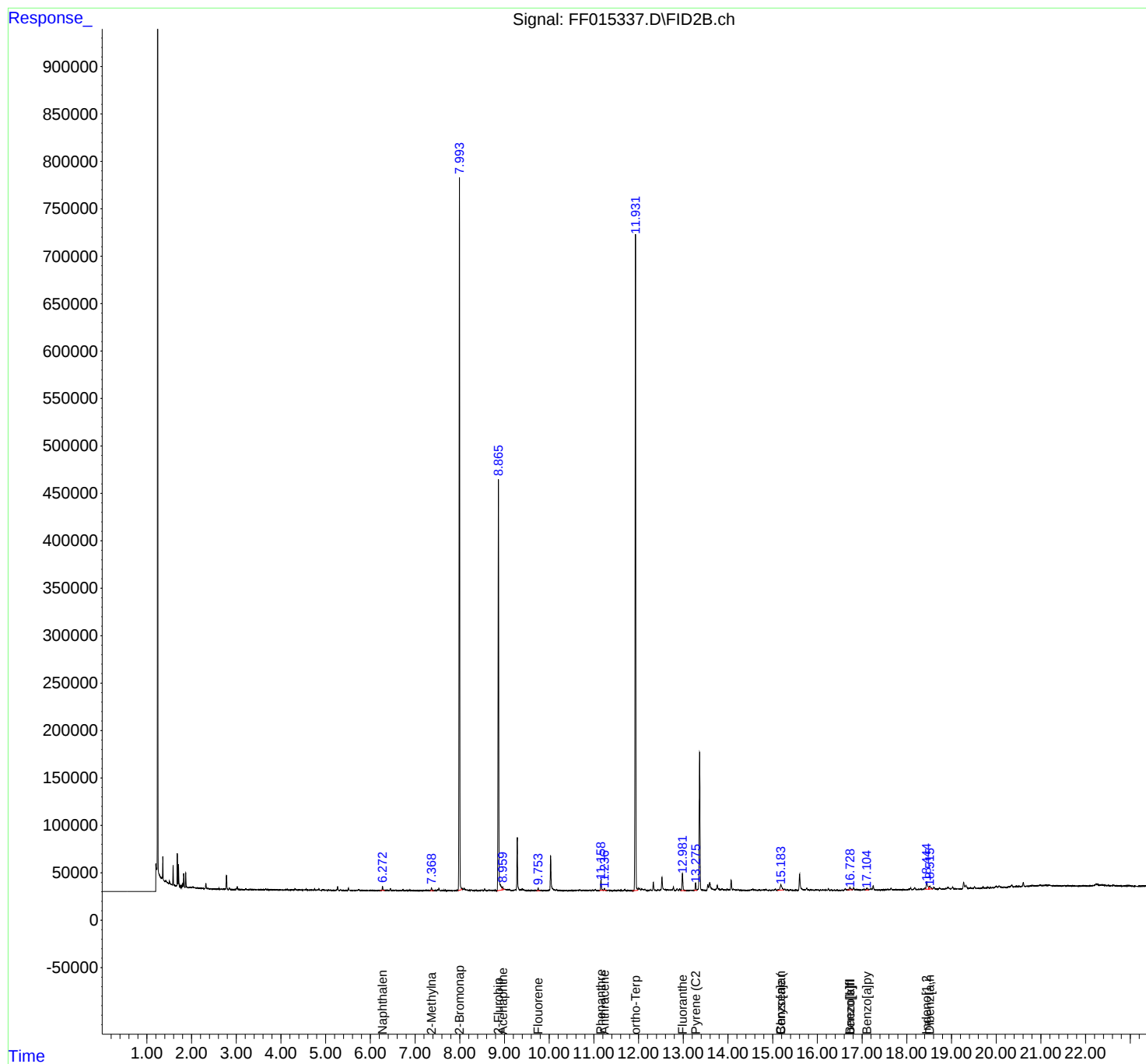
(m)=manual int.

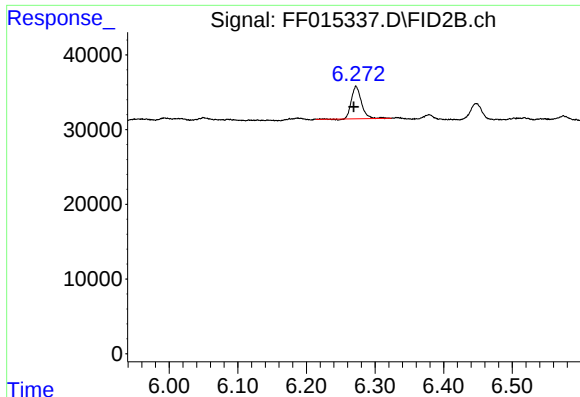
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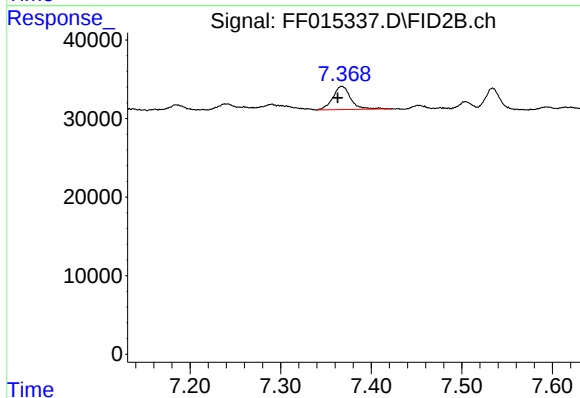




#2 Naphthalene (C11.7)

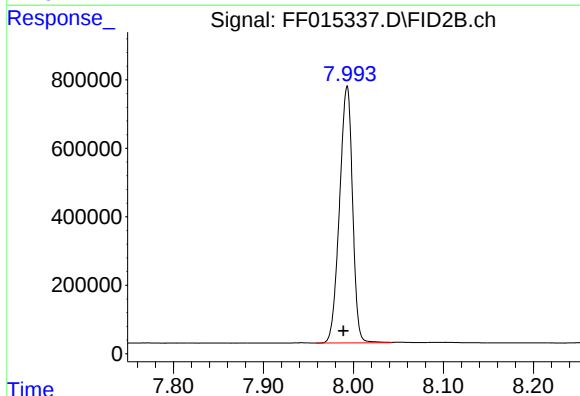
R.T.: 6.273 min
Delta R.T.: 0.004 min
Response: 44460
Conc: 0.28 ug/ml

Instrument :
FID_F
ClientSampleId :



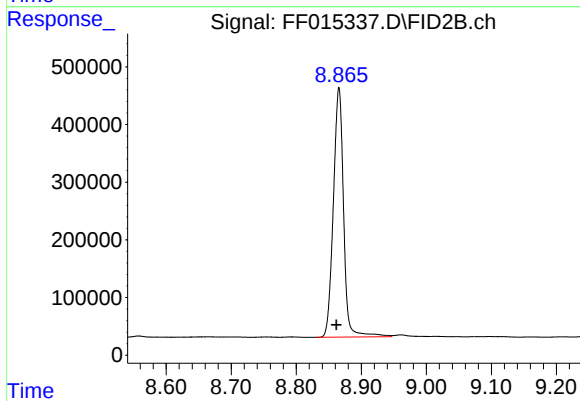
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.005 min
Response: 40783
Conc: 0.26 ug/ml



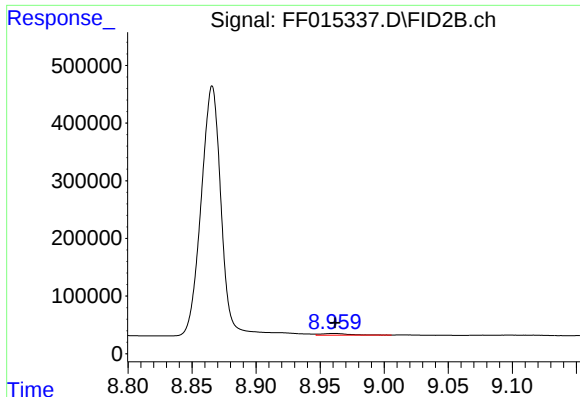
#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 7533896
Conc: 57.07 ug/ml



#6 2-Fluorobiphenyl (SURR)

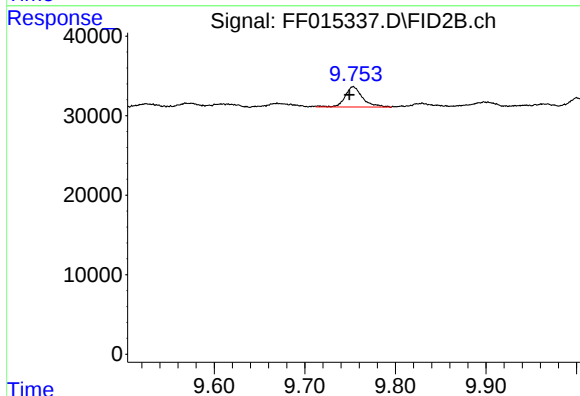
R.T.: 8.866 min
Delta R.T.: 0.004 min
Response: 4747058
Conc: 56.24 ug/ml



#7 Acenaphthene (C15.5)

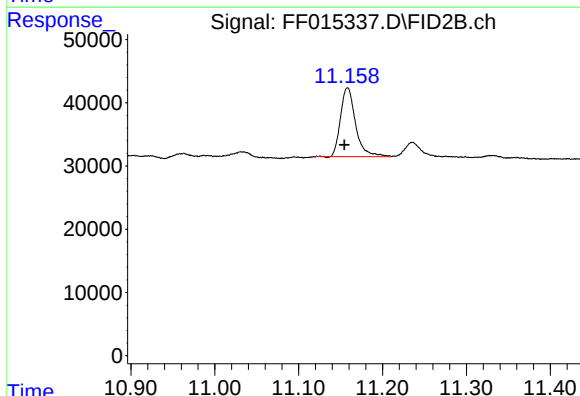
R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 46214
Conc: 0.28 ug/ml

Instrument :
FID_F
ClientSampleId :



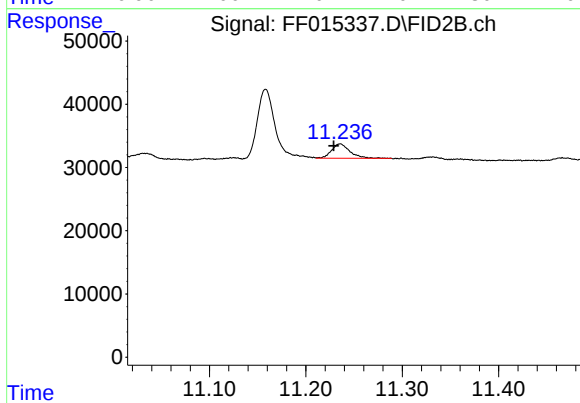
#8 Flouorene (C16.55)

R.T.: 9.754 min
Delta R.T.: 0.004 min
Response: 34179
Conc: 0.22 ug/ml



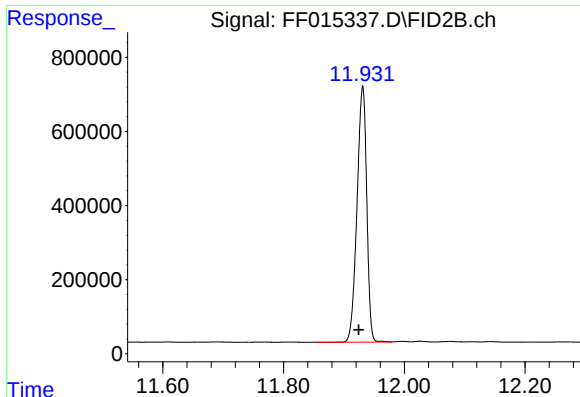
#9 Phenanthrene (C19.36)

R.T.: 11.158 min
Delta R.T.: 0.004 min
Response: 136003
Conc: 0.85 ug/ml



#10 Anthracene (C19.43)

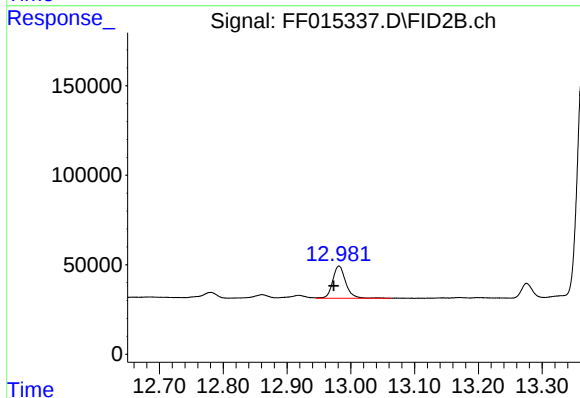
R.T.: 11.236 min
Delta R.T.: 0.007 min
Response: 30258
Conc: 0.20 ug/ml



#11 ortho-Terphenyl (SURR)

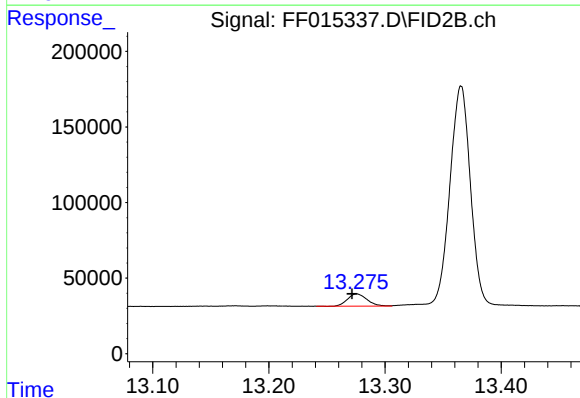
R.T.: 11.931 min
Delta R.T.: 0.006 min
Response: 7699111
Conc: 44.72 ug/ml

Instrument :
FID_F
ClientSampleId :



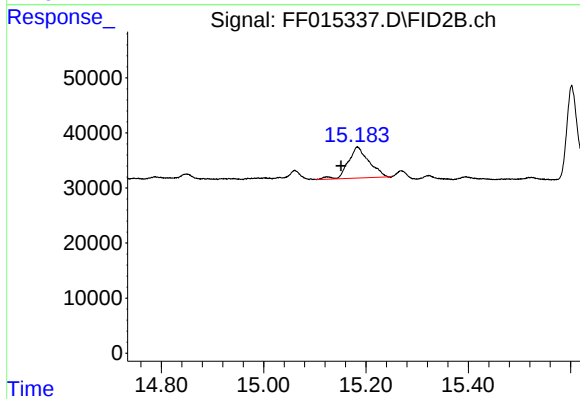
#12 Fluoranthene (C21.85)

R.T.: 12.982 min
Delta R.T.: 0.008 min
Response: 254938
Conc: 1.54 ug/ml



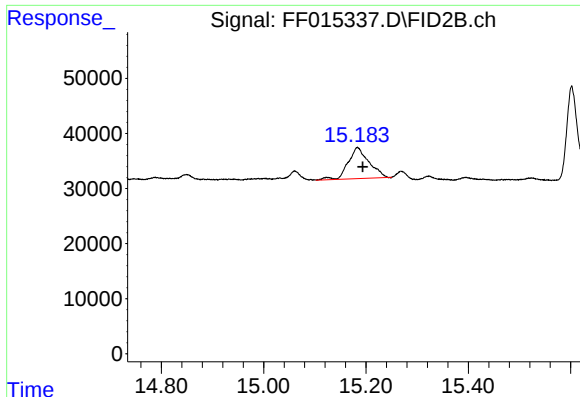
#13 Pyrene (C20.8)

R.T.: 13.276 min
Delta R.T.: 0.004 min
Response: 94269
Conc: 0.58 ug/ml



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

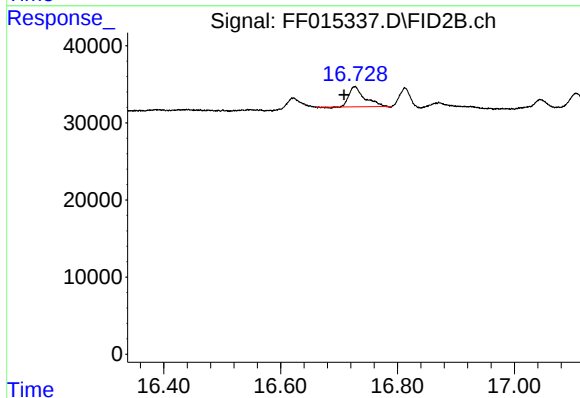
R.T.: 15.184 min
Delta R.T.: 0.033 min
Response: 158651
Conc: 1.06 ug/ml



#15 Chrysene (C27.41)

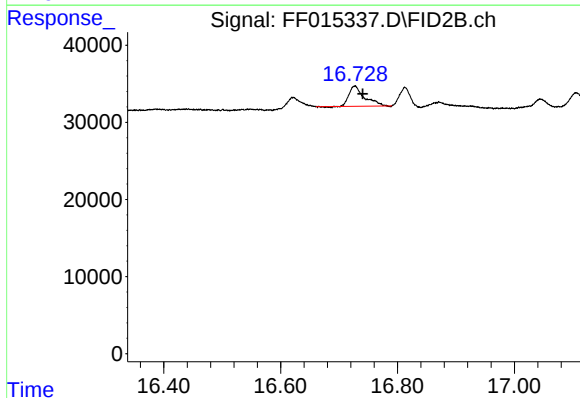
R.T.: 15.184 min
Delta R.T.: -0.010 min
Response: 158651
Conc: 1.02 ug/ml

Instrument :
FID_F
ClientSampleId :



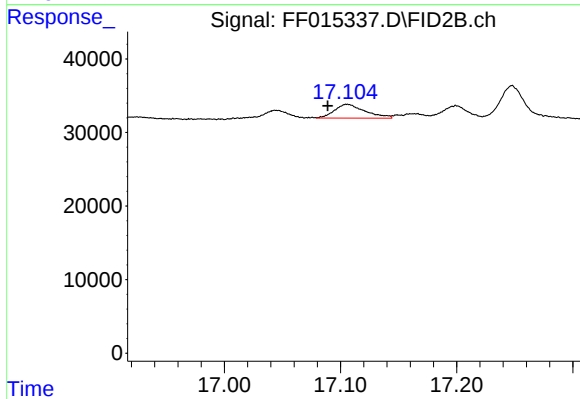
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.727 min
Delta R.T.: 0.018 min
Response: 48027
Conc: 0.32 ug/ml



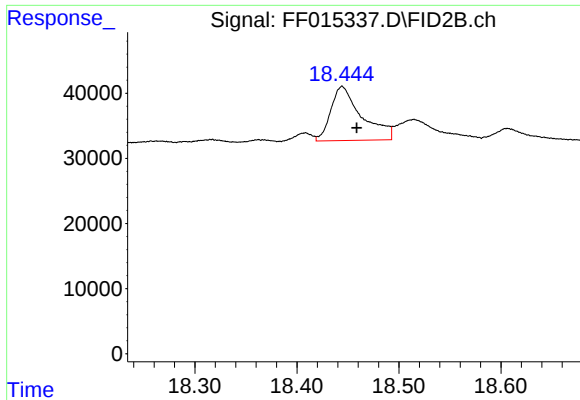
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.727 min
Delta R.T.: -0.014 min
Response: 48027
Conc: 0.34 ug/ml



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

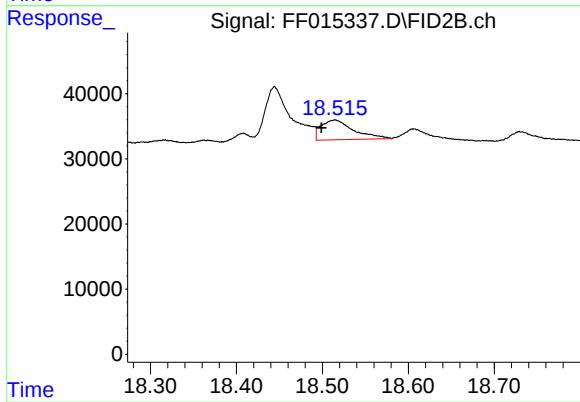
R.T.: 17.106 min
Delta R.T.: 0.017 min
Response: 34473
Conc: 0.24 ug/ml



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

R.T.: 18.444 min
Delta R.T.: -0.014 min
Response: 175299
Conc: 1.39 ug/ml

Instrument :
FID_F
ClientSampleId :



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

R.T.: 18.514 min
Delta R.T.: 0.015 min
Response: 80277
Conc: 0.54 ug/ml