

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111925AR\
 Data File : FF016745.D
 Signal(s) : FID2B.ch
 Acq On : 19 Nov 2025 12:50
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 19 14:03:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.007	2127945	18.778 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
6) S 2-Fluorobiphenyl (SURR)	8.883	1361968	19.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.19%
11) S ortho-Terphenyl (SURR)	11.948	2676720	18.227 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.601	2535409	19.261 ug/ml
2) T Naphthalene (C11.7)	6.278	2528466	19.113 ug/ml
3) T 2-Methylnaphthalene (...)	7.378	2522810	18.978 ug/ml
5) T Acenaphthylene (C15.06)	8.682	2526986	18.704 ug/ml
7) T Acenaphthene (C15.5)	8.981	2620900	19.067 ug/ml
8) T Flouorene (C16.55)	9.771	2473991	19.003 ug/ml
9) T Phenanthrene (C19.36)	11.178	2428739	18.368 ug/ml
10) T Anthracene (C19.43)	11.254	2380430	17.567 ug/ml
12) T Fluoranthene (C21.85)	13.002	2417830	17.618 ug/ml
13) T Pyrene (C20.8)	13.301	2432776	17.752 ug/ml
14) T Benzo[a]anthracene (C...	15.186	2075137	18.220 ug/ml
15) T Chrysene (C27.41)	15.227	2475503	17.542 ug/ml
16) T benzo[b]fluoranthene ...	16.748	2233162	20.094 ug/ml
17) T Bnezo[k]fluoranthene ...	16.779	2326674	19.048 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.129	2257844	20.573 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.506	1996866	23.205 ug/ml
20) T Dibenz[a,h]anthracene...	18.545	2592582	19.686 ug/ml
21) T Benzo[g,h,i]perylene ...	18.762	2466955	23.279 ug/ml

(f)=RT Delta > 1/2 Window

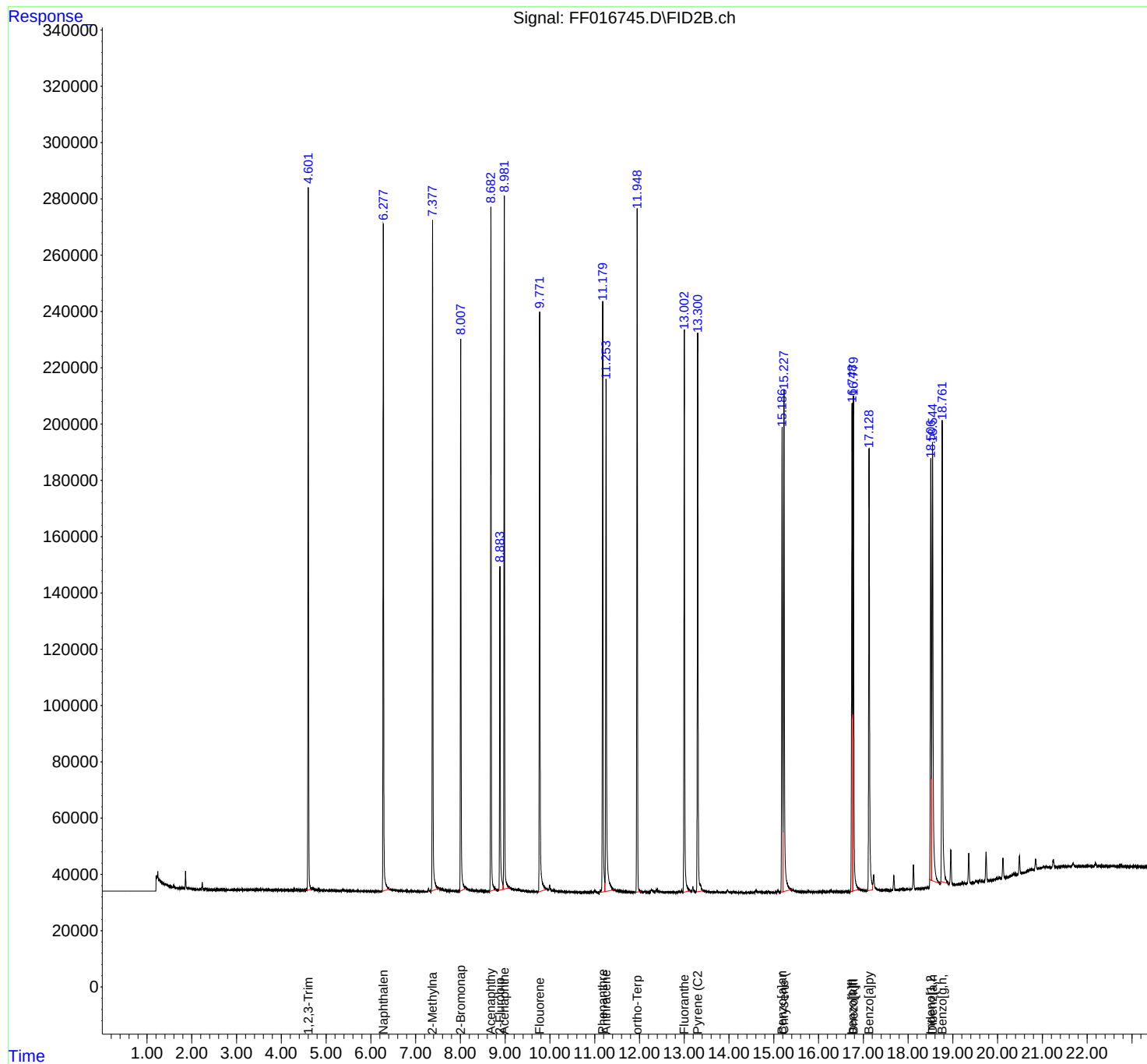
(m)=manual int.

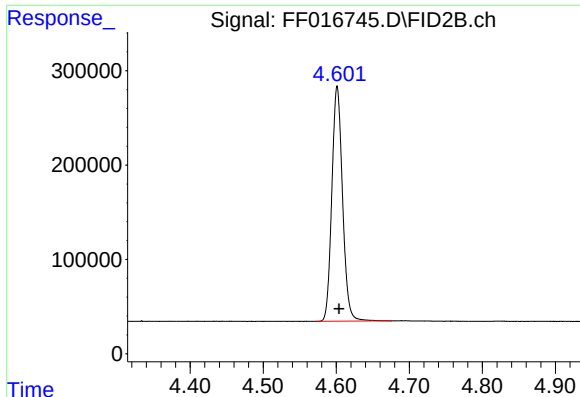
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111925AR\
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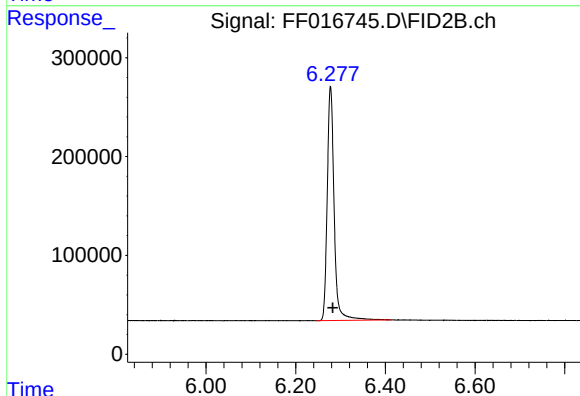




#1 1,2,3-Trimethylbenzene (C10.1)

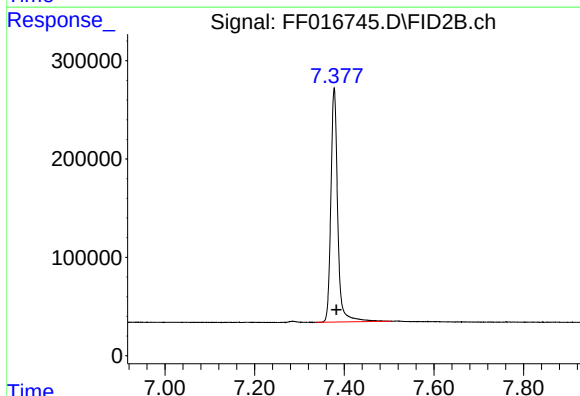
R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2535409
Conc: 19.26 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



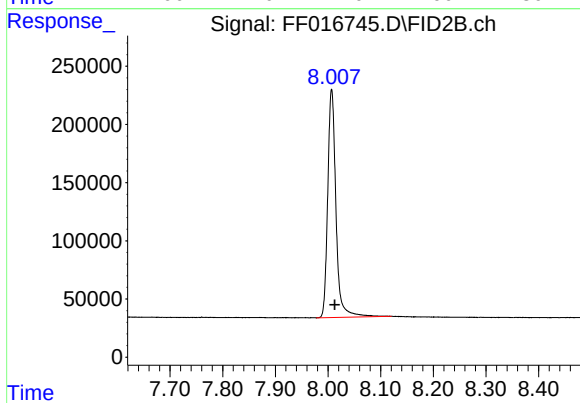
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 2528466
Conc: 19.11 ug/ml



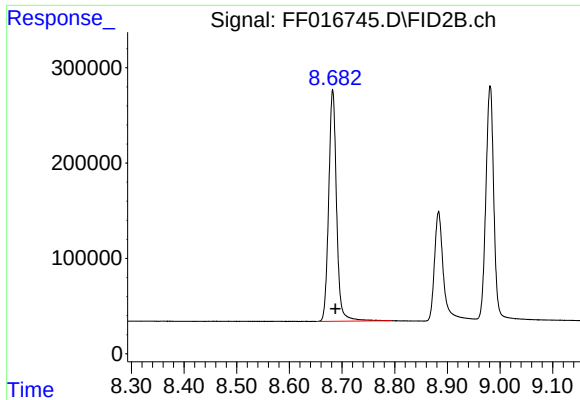
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.005 min
Response: 2522810
Conc: 18.98 ug/ml



#4 2-Bromonaphthalene (SURR)

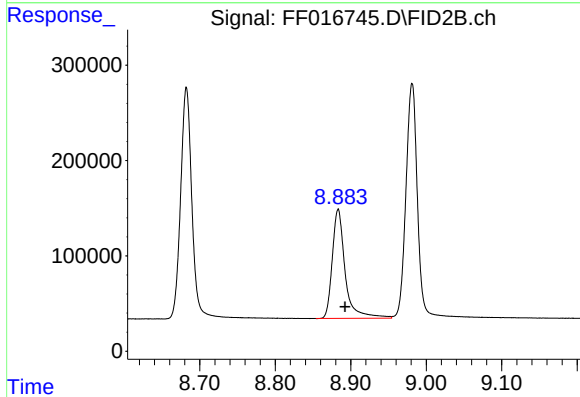
R.T.: 8.007 min
Delta R.T.: -0.006 min
Response: 2127945
Conc: 18.78 ug/ml



#5 Acenaphthylene (C15.06)

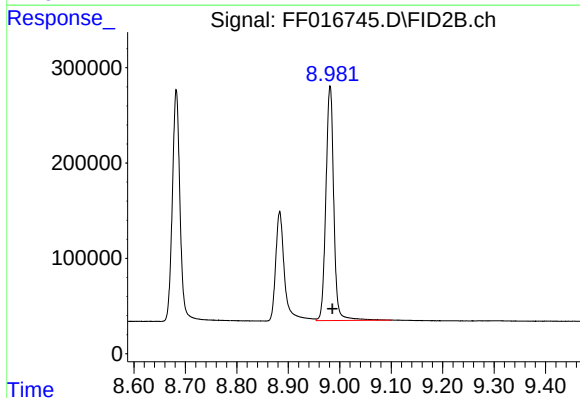
R.T.: 8.682 min
Delta R.T.: -0.005 min
Response: 2526986
Conc: 18.70 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



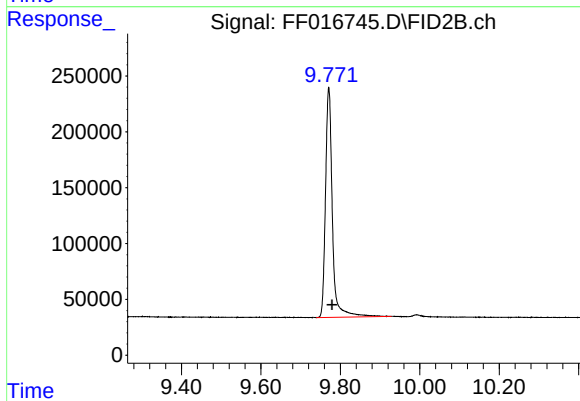
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.883 min
Delta R.T.: -0.009 min
Response: 1361968
Conc: 19.10 ug/ml



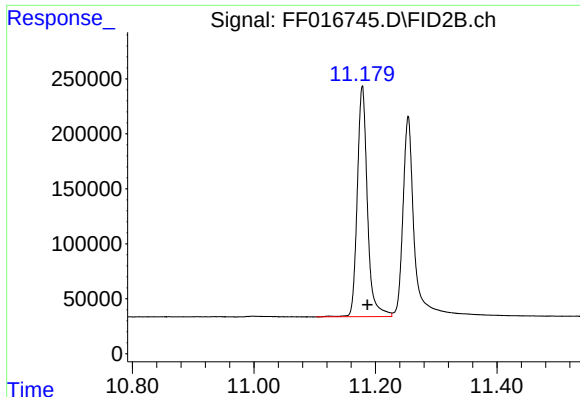
#7 Acenaphthene (C15.5)

R.T.: 8.981 min
Delta R.T.: -0.005 min
Response: 2620900
Conc: 19.07 ug/ml



#8 Flouorene (C16.55)

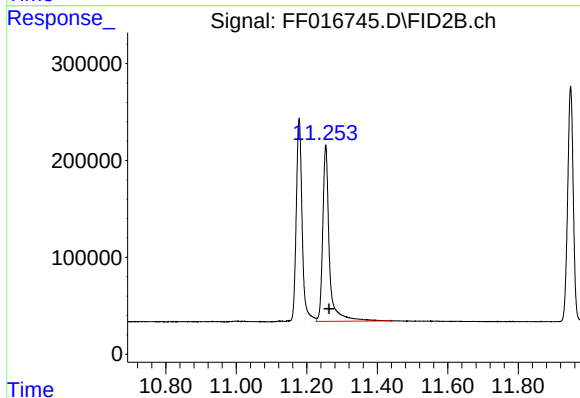
R.T.: 9.771 min
Delta R.T.: -0.008 min
Response: 2473991
Conc: 19.00 ug/ml



#9 Phenanthrene (C19.36)

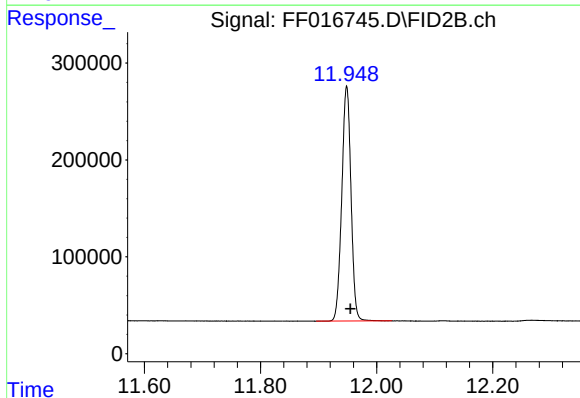
R.T.: 11.178 min
Delta R.T.: -0.008 min
Response: 2428739
Conc: 18.37 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



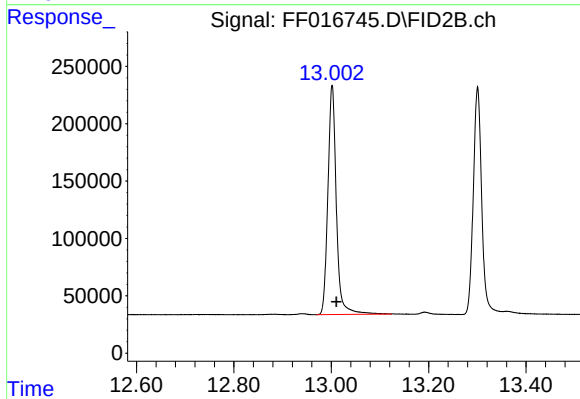
#10 Anthracene (C19.43)

R.T.: 11.254 min
Delta R.T.: -0.010 min
Response: 2380430
Conc: 17.57 ug/ml



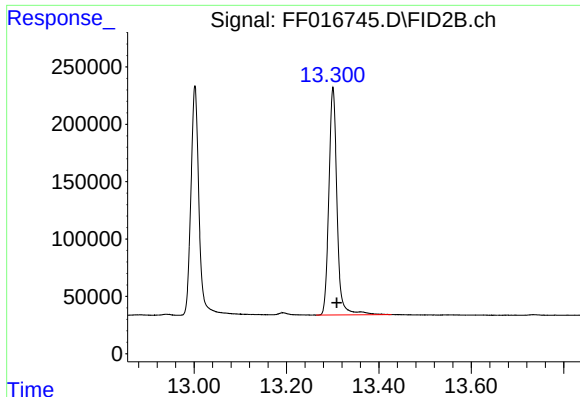
#11 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.006 min
Response: 2676720
Conc: 18.23 ug/ml



#12 Fluoranthene (C21.85)

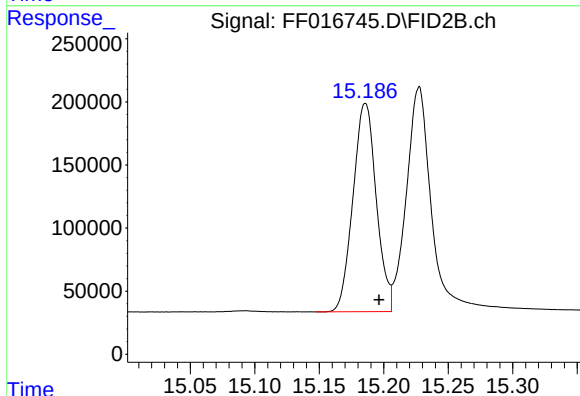
R.T.: 13.002 min
Delta R.T.: -0.009 min
Response: 2417830
Conc: 17.62 ug/ml



#13 Pyrene (C20.8)

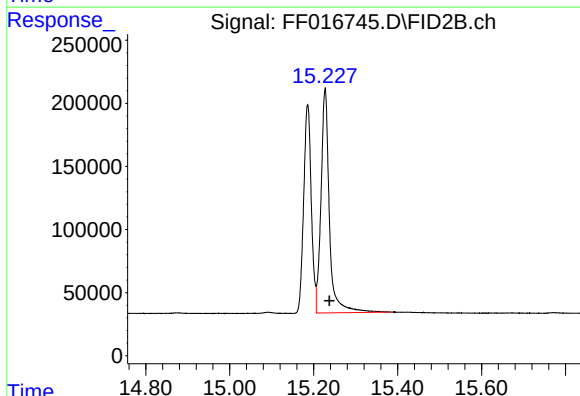
R.T.: 13.301 min
Delta R.T.: -0.008 min
Response: 2432776
Conc: 17.75 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



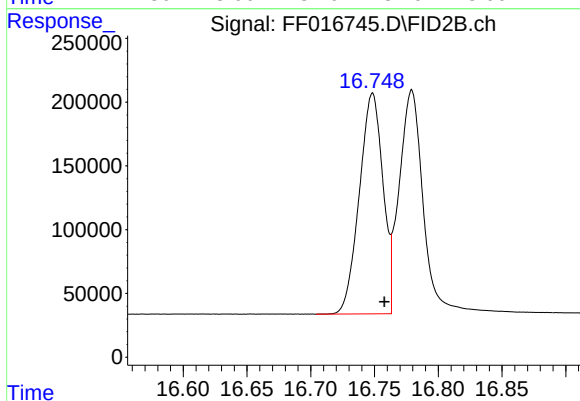
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.186 min
Delta R.T.: -0.011 min
Response: 2075137
Conc: 18.22 ug/ml



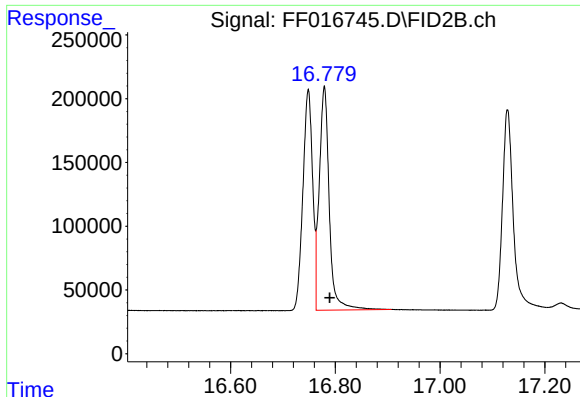
#15 Chrysene (C27.41)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 2475503
Conc: 17.54 ug/ml



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

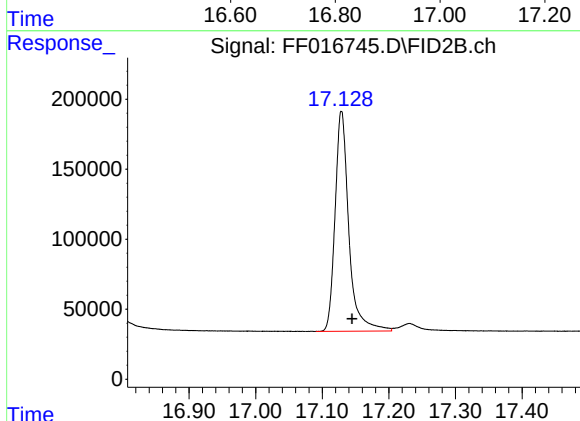
R.T.: 16.748 min
Delta R.T.: -0.009 min
Response: 2233162
Conc: 20.09 ug/ml



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

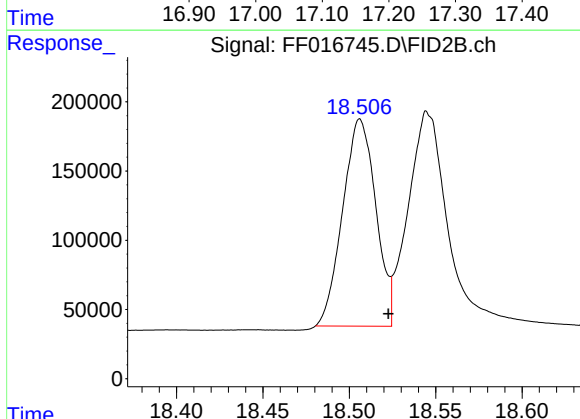
R.T.: 16.779 min
Delta R.T.: -0.010 min
Response: 2326674
Conc: 19.05 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



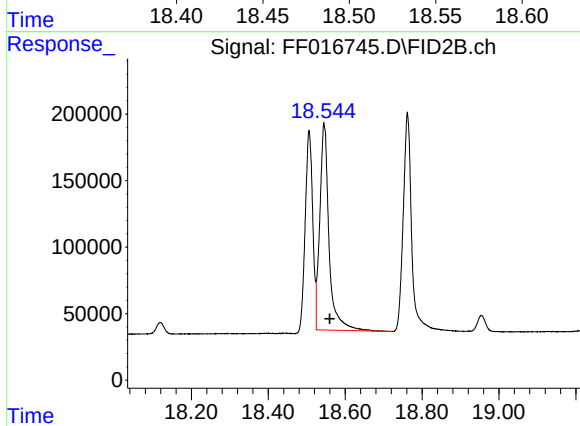
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: -0.016 min
Response: 2257844
Conc: 20.57 ug/ml



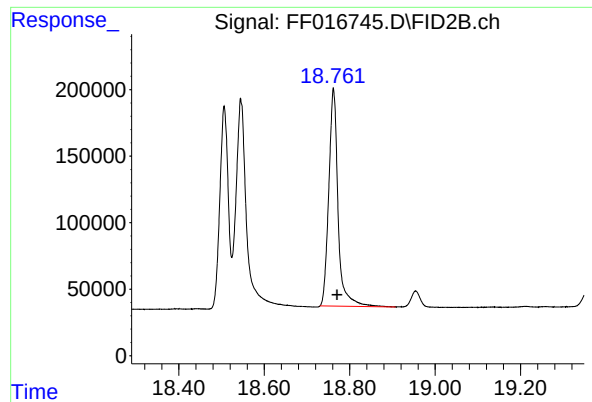
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.506 min
Delta R.T.: -0.016 min
Response: 1996866
Conc: 23.21 ug/ml



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

R.T.: 18.545 min
Delta R.T.: -0.015 min
Response: 2592582
Conc: 19.69 ug/ml



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

R.T.: 18.762 min
Delta R.T.: -0.009 min
Response: 2466955
Conc: 23.28 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD