

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015578.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 18:56
 Operator : YP\AJ
 Sample : Q1664-02
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 P001-BBDGA-001-01MS

Integration File: autoint1.e
 Quant Time: Mar 29 03:14:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 05:13:04 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...	7.964	5098046	41.734 ug/ml
Spiked Amount 50.000		Recovery =	83.47%
6) S 2-Fluorobiphenyl (SURR)	8.842	2538118	30.707 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.41%
11) S ortho-Terphenyl (SURR)	11.915	3718156	25.497 ug/ml
Spiked Amount 50.000		Recovery =	50.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	2432106	18.302 ug/ml
2) T Naphthalene (C11.7)	6.233	3238838	23.973 ug/ml
3) T 2-Methylnaphthalene (...)	7.334	3218426	24.127 ug/ml
5) T Acenaphthylene (C15.06)	8.640	4182662	29.532 ug/ml
7) T Acenaphthene (C15.5)	8.940	4065463	29.798 ug/ml
8) T Fluorene (C16.55)	9.734	4784759	34.274 ug/ml
9) T Phenanthrene (C19.36)	11.146	5062139	35.932 ug/ml
10) T Anthracene (C19.43)	11.221	4985548	36.433 ug/ml
12) T Fluoranthene (C21.85)	12.974	5182788	36.344 ug/ml
13) T Pyrene (C20.8)	13.273	5050900	35.997 ug/ml
14) T Benzo[a]anthracene (C...	15.161	4904074	36.157 ug/ml
15) T Chrysene (C27.41)	15.205	5841536	41.728 ug/ml
16) T benzo[b]fluoranthene ...	16.726	4896791	37.058 ug/ml
17) T Bnezo[k]fluoranthene ...	16.759	5346373	39.157 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.107	4727173	37.696 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.487	4958865	44.570 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	5513940	42.850 ug/ml
21) T Benzo[g,h,i]perylene ...	18.742	4931477	41.270 ug/ml

(f)=RT Delta > 1/2 Window

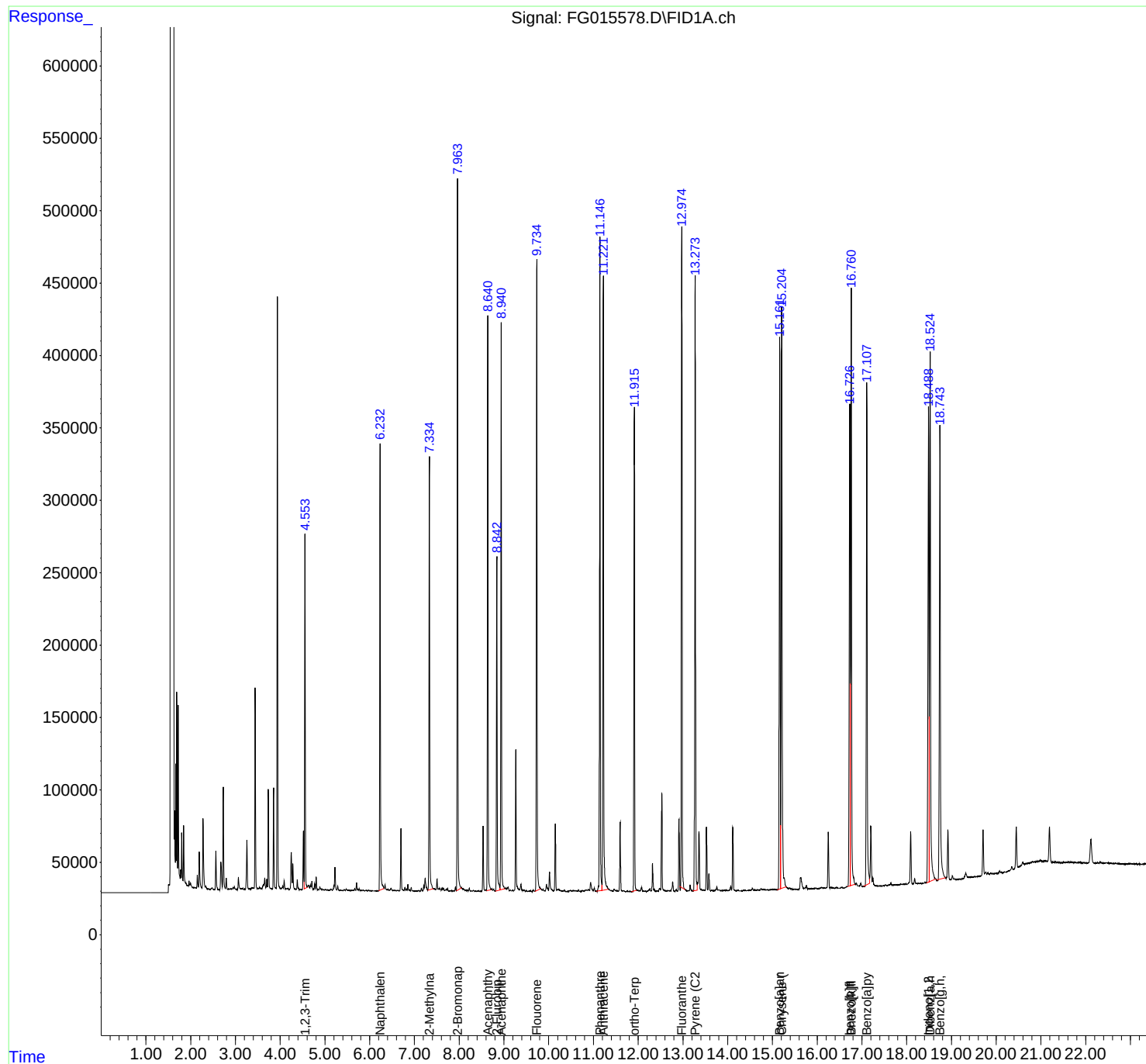
(m)=manual int.

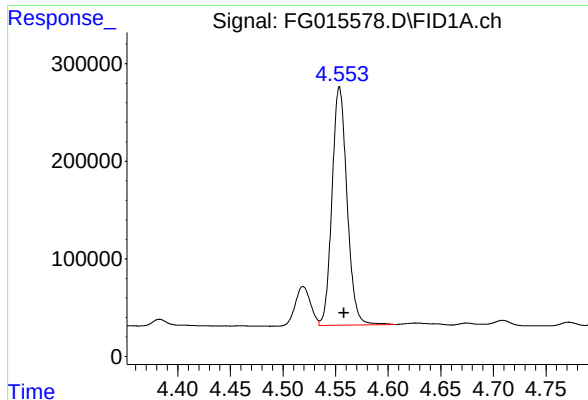
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Signal Info : 20M x 0.18mm x 0.18µm

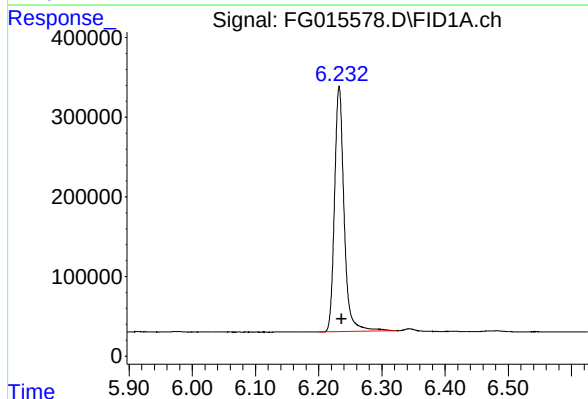




#1 1,2,3-Trimethylbenzene (C10.1)

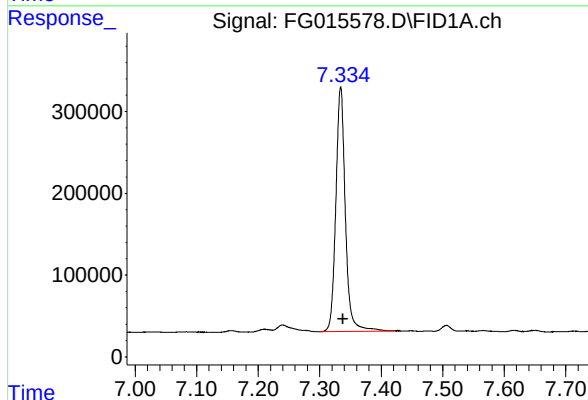
R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 2432106
Conc: 18.30 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



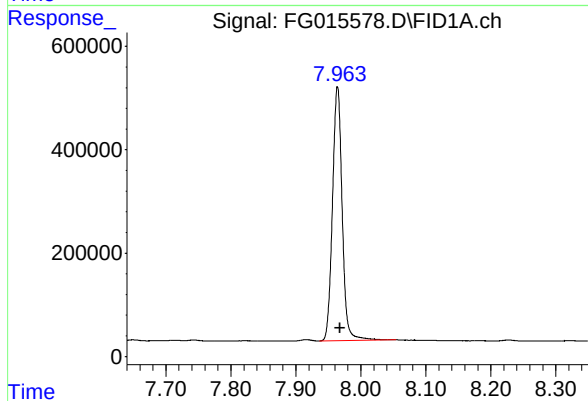
#2 Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 3238838
Conc: 23.97 ug/ml



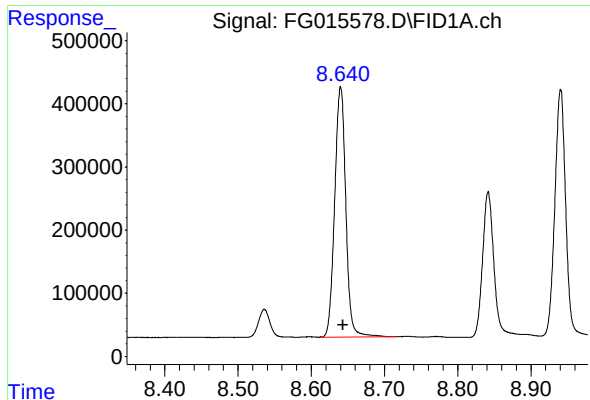
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 3218426
Conc: 24.13 ug/ml



#4 2-Bromonaphthalene (SURR)

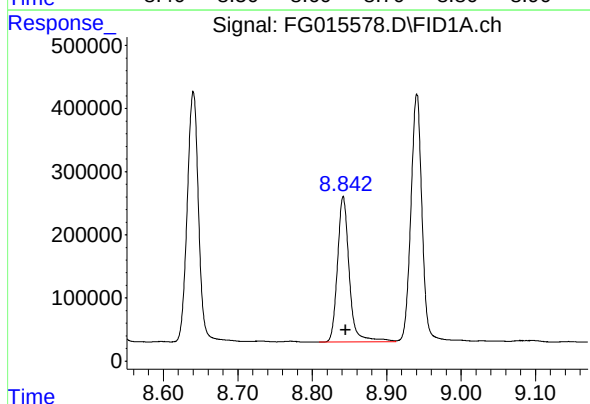
R.T.: 7.964 min
Delta R.T.: -0.004 min
Response: 5098046
Conc: 41.73 ug/ml



#5 Acenaphthylene (C15.06)

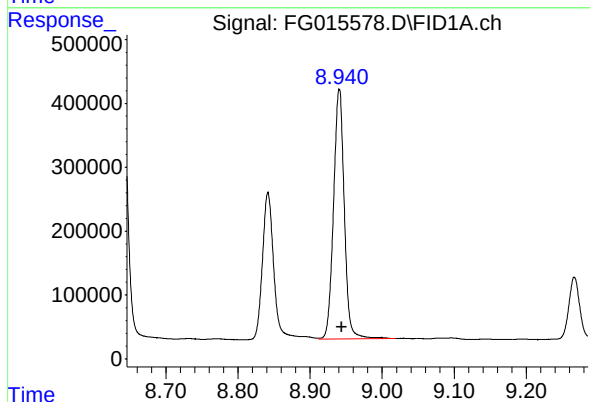
R.T.: 8.640 min
Delta R.T.: -0.004 min
Response: 4182662
Conc: 29.53 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



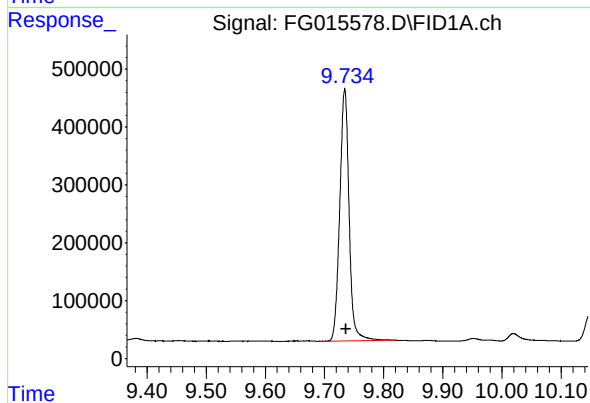
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.842 min
Delta R.T.: -0.003 min
Response: 2538118
Conc: 30.71 ug/ml



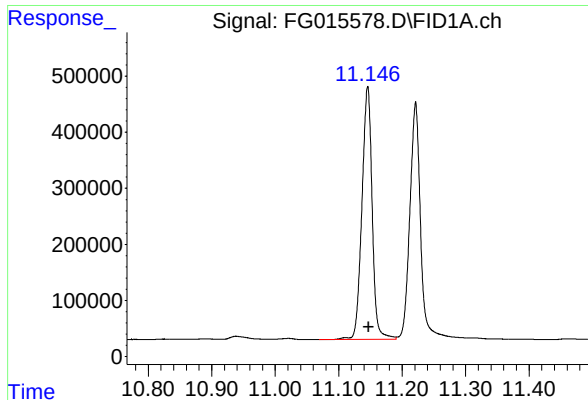
#7 Acenaphthene (C15.5)

R.T.: 8.940 min
Delta R.T.: -0.004 min
Response: 4065463
Conc: 29.80 ug/ml



#8 Fluorene (C16.55)

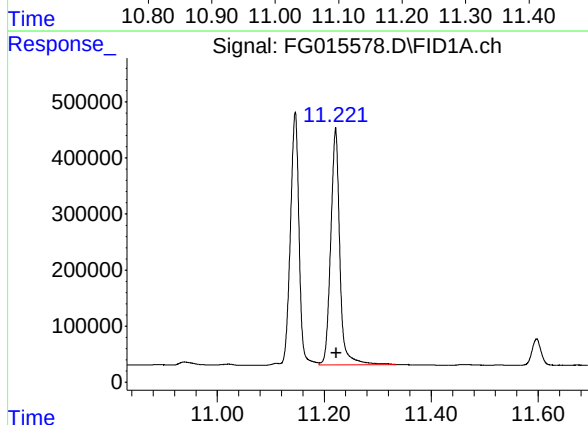
R.T.: 9.734 min
Delta R.T.: -0.002 min
Response: 4784759
Conc: 34.27 ug/ml



#9 Phenanthrene (C19.36)

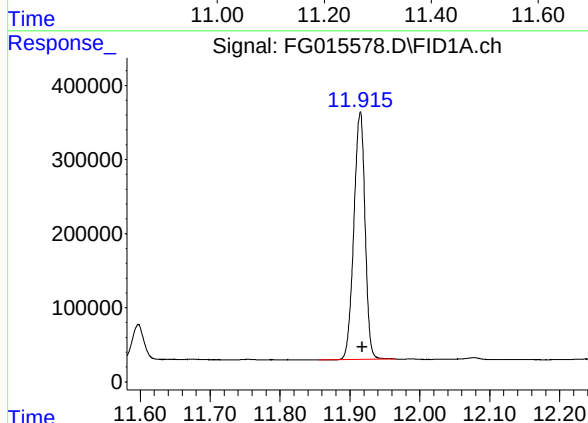
R.T.: 11.146 min
Delta R.T.: -0.002 min
Response: 5062139
Conc: 35.93 ug/ml

Instrument :
FID_G
ClientSampleId :
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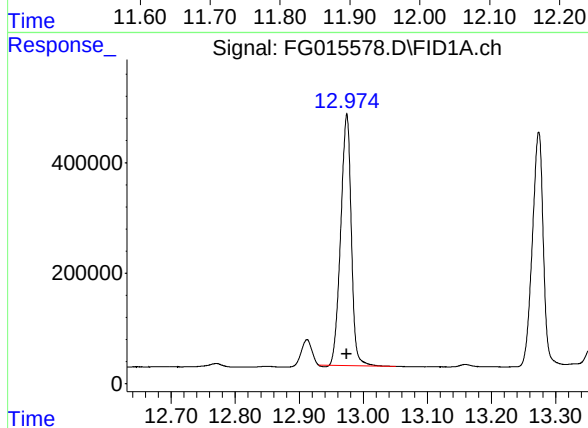
#10 Anthracene (C19.43)

R.T.: 11.221 min
Delta R.T.: -0.002 min
Response: 4985548
Conc: 36.43 ug/ml



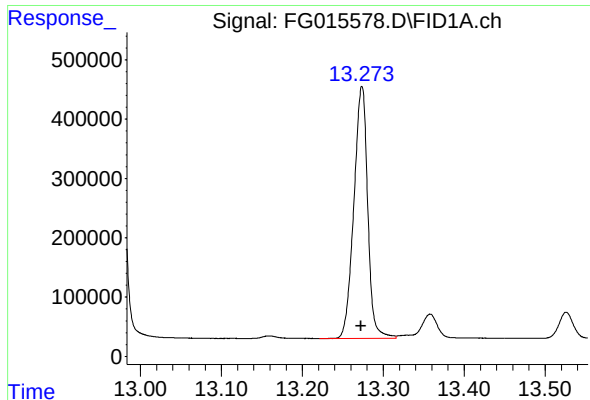
#11 ortho-Terphenyl (SURR)

R.T.: 11.915 min
Delta R.T.: -0.003 min
Response: 3718156
Conc: 25.50 ug/ml



#12 Fluoranthene (C21.85)

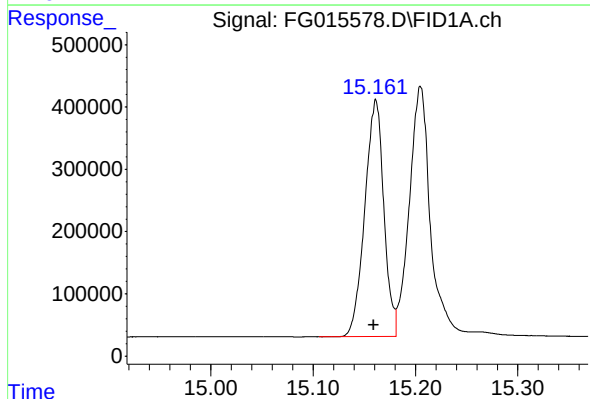
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 5182788
Conc: 36.34 ug/ml



#13 Pyrene (C20.8)

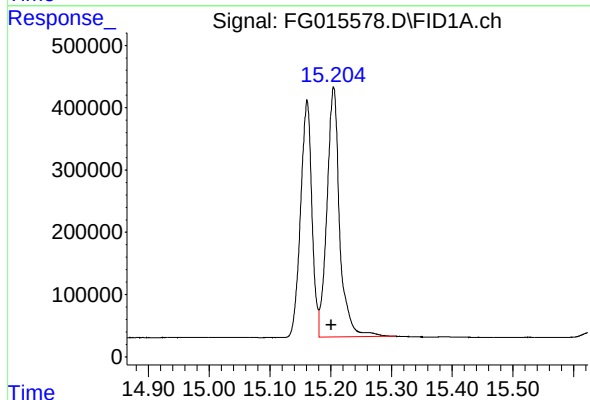
R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 5050900
Conc: 36.00 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



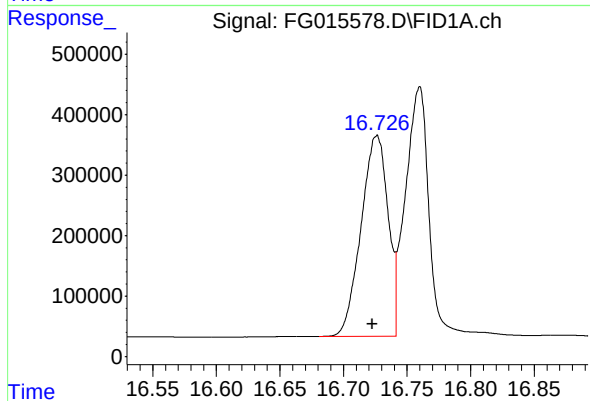
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.161 min
Delta R.T.: 0.002 min
Response: 4904074
Conc: 36.16 ug/ml



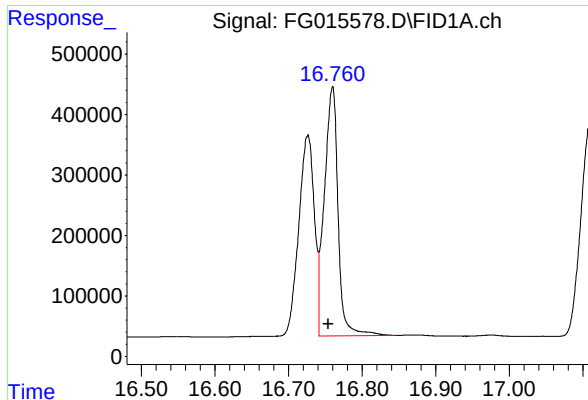
#15 Chrysene (C27.41)

R.T.: 15.205 min
Delta R.T.: 0.004 min
Response: 5841536
Conc: 41.73 ug/ml



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

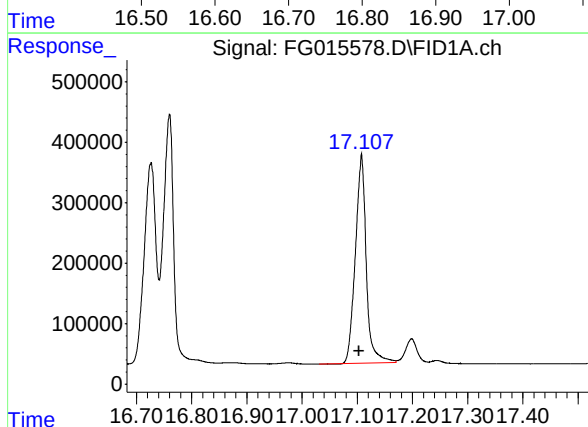
R.T.: 16.726 min
Delta R.T.: 0.004 min
Response: 4896791
Conc: 37.06 ug/ml



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

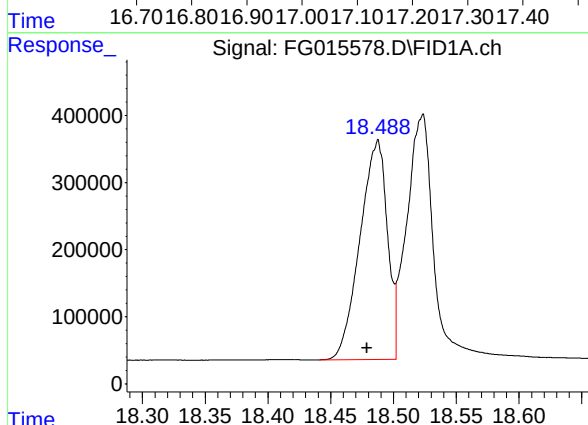
R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 5346373
Conc: 39.16 ug/ml

Instrument :
FID_G
ClientSampleId :
P001-BBDGA-001-01MS



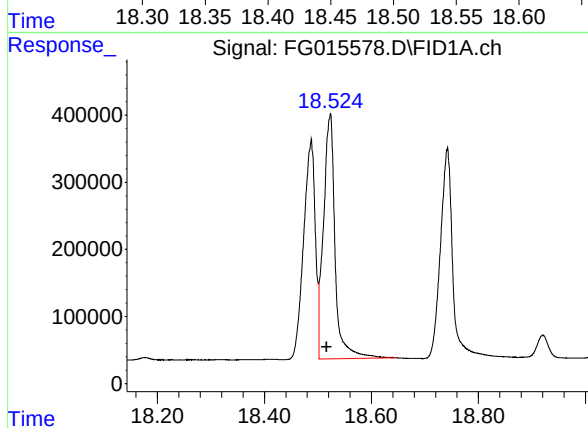
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.004 min
Response: 4727173
Conc: 37.70 ug/ml



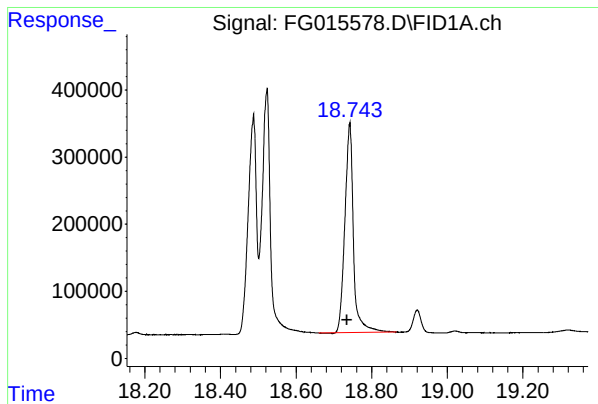
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.487 min
Delta R.T.: 0.008 min
Response: 4958865
Conc: 44.57 ug/ml



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

R.T.: 18.522 min
Delta R.T.: 0.005 min
Response: 5513940
Conc: 42.85 ug/ml



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

R.T.: 18.742 min
Delta R.T.: 0.007 min
Response: 4931477
Conc: 41.27 ug/ml

Instrument :

FID_G

ClientSampleId :

P001-BBDGA-001-01MS