

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG032825AR\
 Data File : FG015574.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 16:59
 Operator : YP\AJ
 Sample : PB167362BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167362BS

Integration File: autoint1.e
 Quant Time: Mar 29 03:12:48 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...	7.965	6541026	53.547 ug/ml
Spiked Amount 50.000		Recovery =	107.09%
6) S 2-Fluorobiphenyl (SURR)	8.843	3792185	45.879 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.76%
11) S ortho-Terphenyl (SURR)	11.917	6383061	43.771 ug/ml
Spiked Amount 50.000		Recovery =	87.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	3866328	29.095 ug/ml
2) T Naphthalene (C11.7)	6.233	4604485	34.081 ug/ml
3) T 2-Methylnaphthalene (...)	7.334	4460712	33.441 ug/ml
5) T Acenaphthylene (C15.06)	8.641	5332652	37.652 ug/ml
7) T Acenaphthene (C15.5)	8.942	5402075	39.595 ug/ml
8) T Fluorene (C16.55)	9.735	5709433	40.897 ug/ml
9) T Phenanthrene (C19.36)	11.148	5876113	41.709 ug/ml
10) T Anthracene (C19.43)	11.223	5889457	43.039 ug/ml
12) T Fluoranthene (C21.85)	12.976	5925758	41.554 ug/ml
13) T Pyrene (C20.8)	13.275	5982330	42.635 ug/ml
14) T Benzo[a]anthracene (C...	15.163	5823028	42.932 ug/ml
15) T Chrysene (C27.41)	15.207	6968956	49.781 ug/ml
16) T benzo[b]fluoranthene ...	16.728	5723983	43.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.763	6200926	45.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.110	5609871	44.735 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.489	5648190	50.765 ug/ml
20) T Dibenz[a,h]anthracene...	18.525	6094303	47.360 ug/ml
21) T Benzo[g,h,i]perylene ...	18.746	5549942	46.445 ug/ml

(f)=RT Delta > 1/2 Window

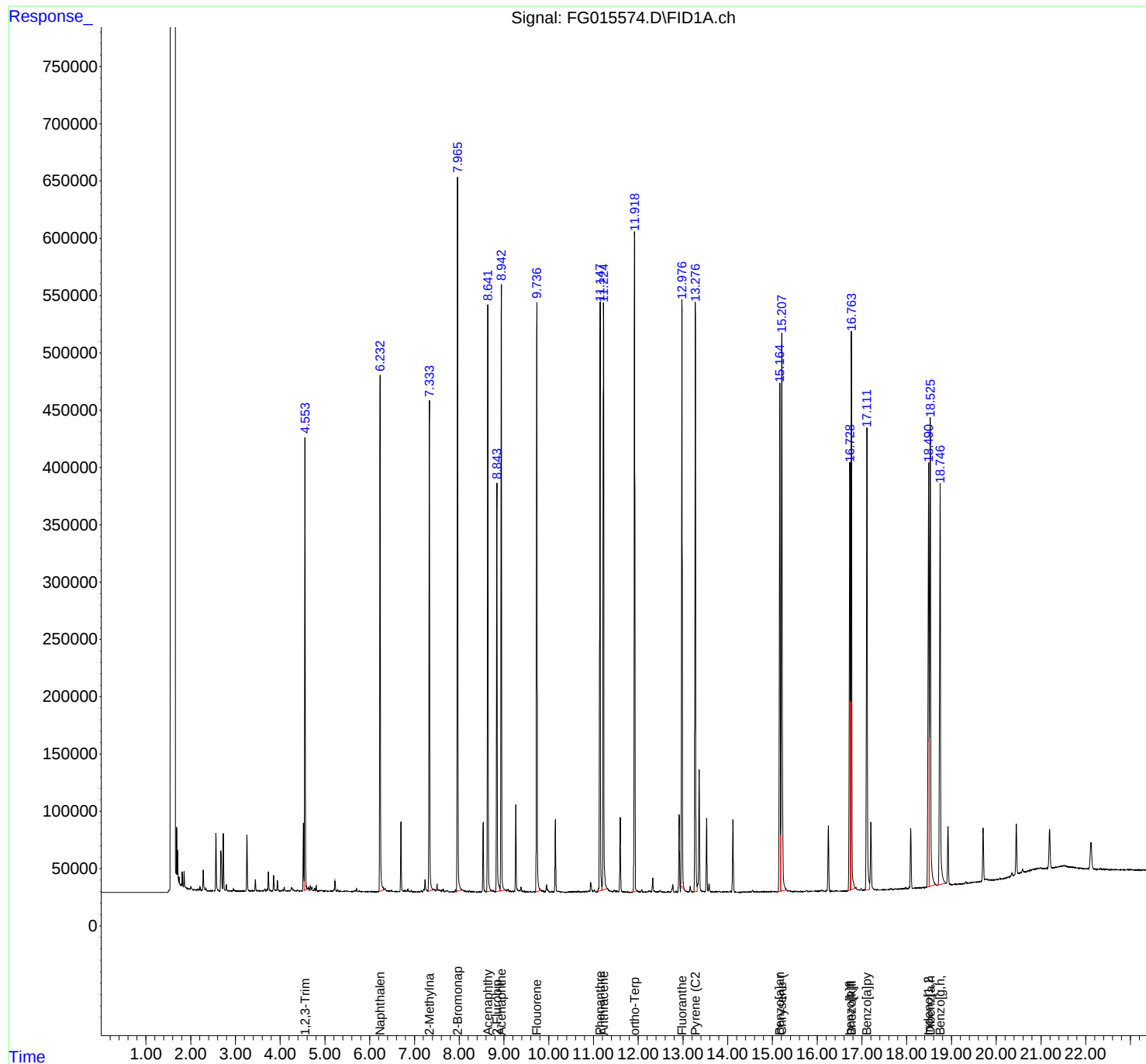
(m)=manual int.

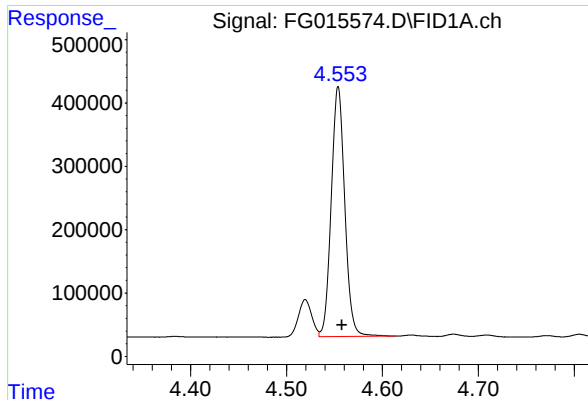
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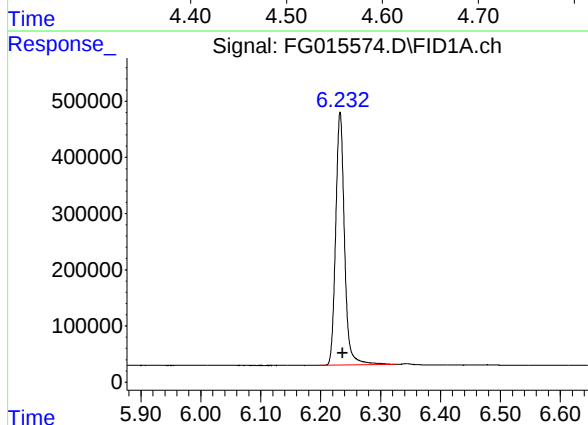




#1 1,2,3-Trimethylbenzene (C10.1)

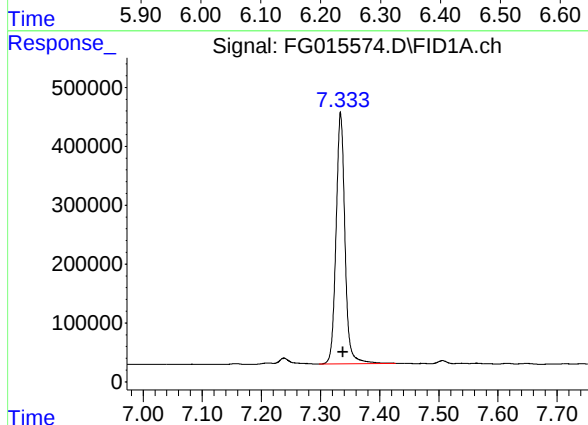
R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 3866328
Conc: 29.09 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BS



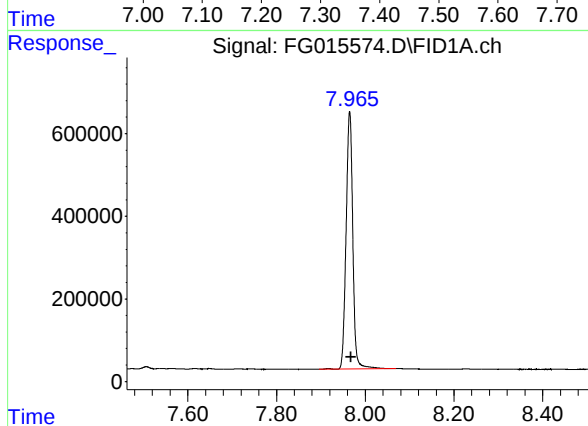
#2 Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.004 min
Response: 4604485
Conc: 34.08 ug/ml



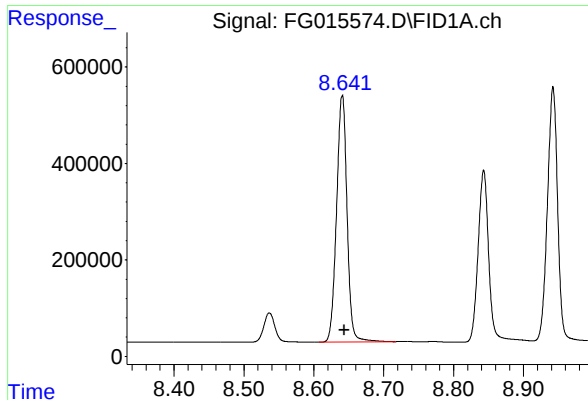
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.334 min
Delta R.T.: -0.004 min
Response: 4460712
Conc: 33.44 ug/ml



#4 2-Bromonaphthalene (SURR)

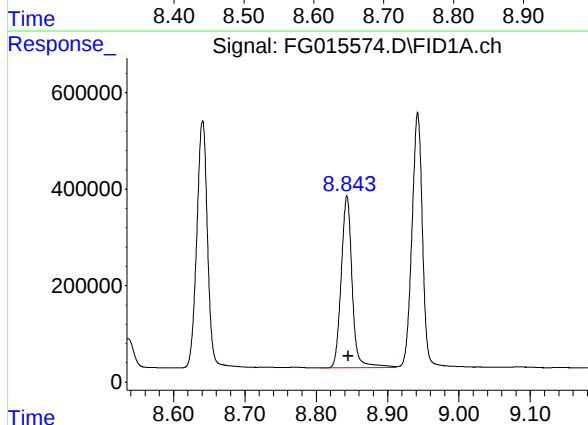
R.T.: 7.965 min
Delta R.T.: -0.003 min
Response: 6541026
Conc: 53.55 ug/ml



#5 Acenaphthylene (C15.06)

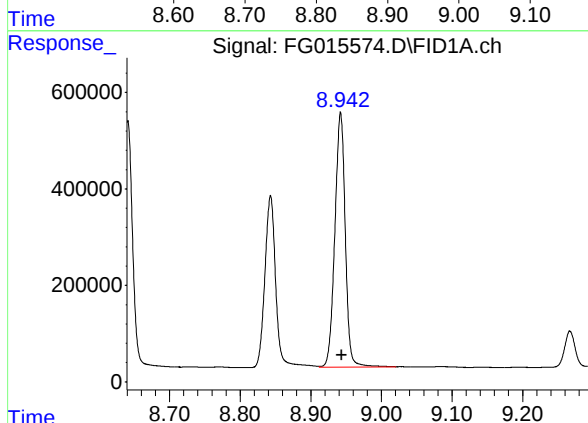
R.T.: 8.641 min
Delta R.T.: -0.003 min
Response: 5332652
Conc: 37.65 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BS



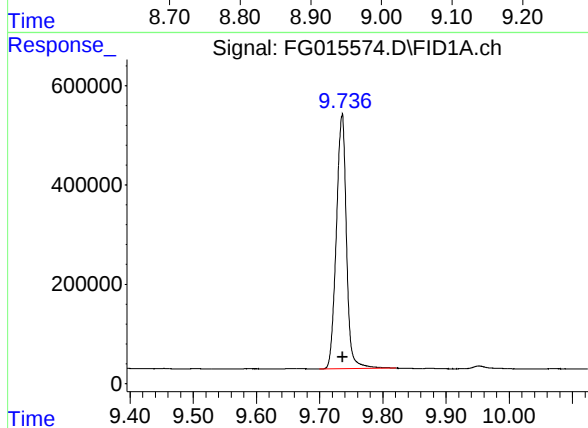
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.843 min
Delta R.T.: -0.002 min
Response: 3792185
Conc: 45.88 ug/ml



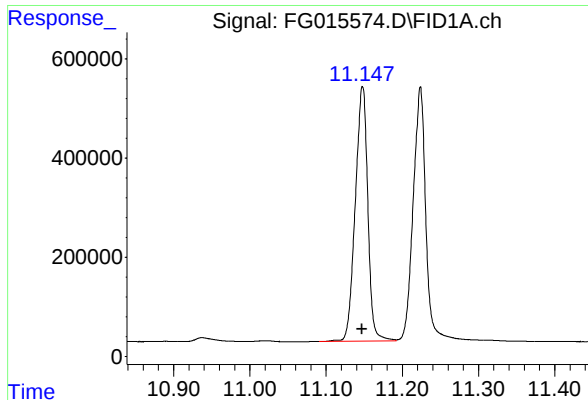
#7 Acenaphthene (C15.5)

R.T.: 8.942 min
Delta R.T.: -0.002 min
Response: 5402075
Conc: 39.59 ug/ml



#8 Fluorene (C16.55)

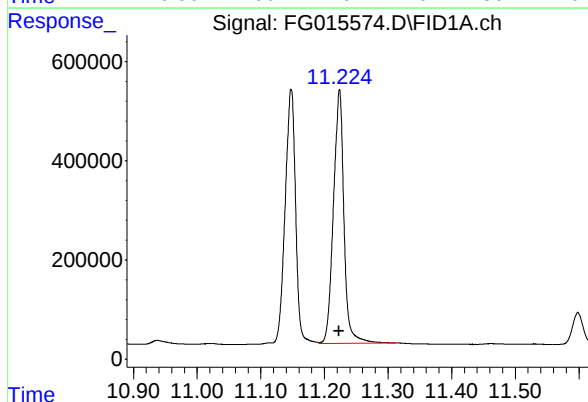
R.T.: 9.735 min
Delta R.T.: -0.001 min
Response: 5709433
Conc: 40.90 ug/ml



#9 Phenanthrene (C19.36)

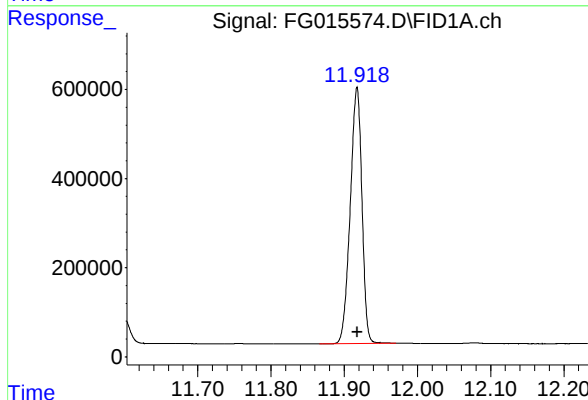
R.T.: 11.148 min
Delta R.T.: 0.000 min
Response: 5876113
Conc: 41.71 ug/ml

Instrument :
FID_G
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PB167362BS



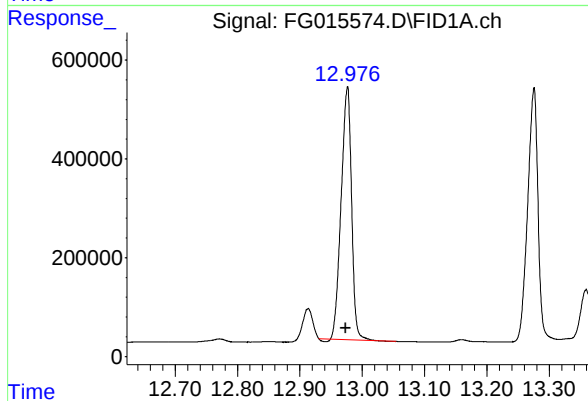
#10 Anthracene (C19.43)

R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 5889457
Conc: 43.04 ug/ml



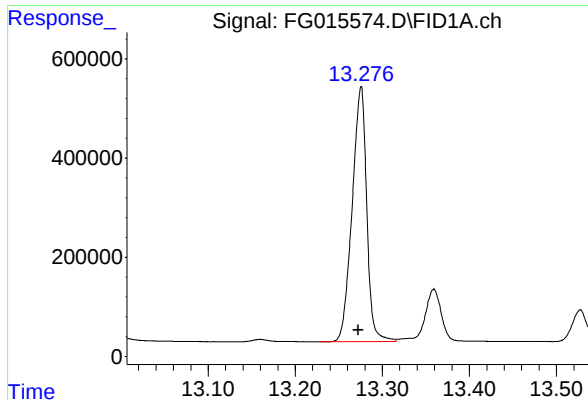
#11 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 6383061
Conc: 43.77 ug/ml



#12 Fluoranthene (C21.85)

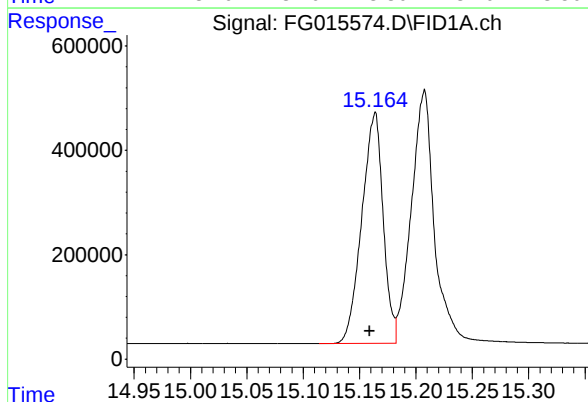
R.T.: 12.976 min
Delta R.T.: 0.002 min
Response: 5925758
Conc: 41.55 ug/ml



#13 Pyrene (C20.8)

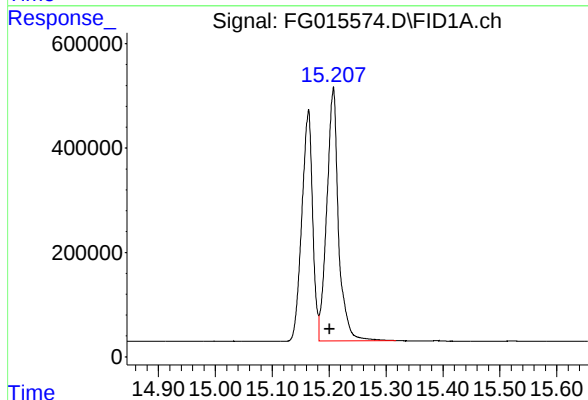
R.T.: 13.275 min
Delta R.T.: 0.003 min
Response: 5982330
Conc: 42.64 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BS



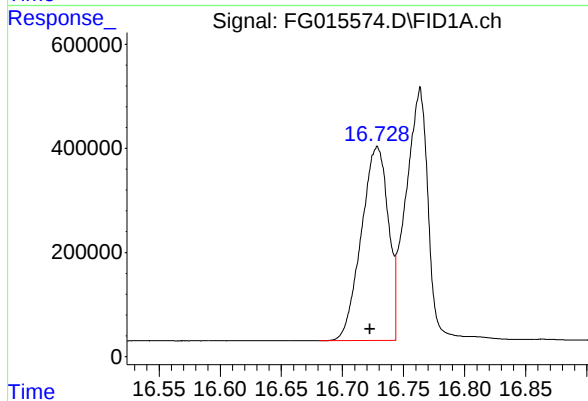
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.163 min
Delta R.T.: 0.004 min
Response: 5823028
Conc: 42.93 ug/ml



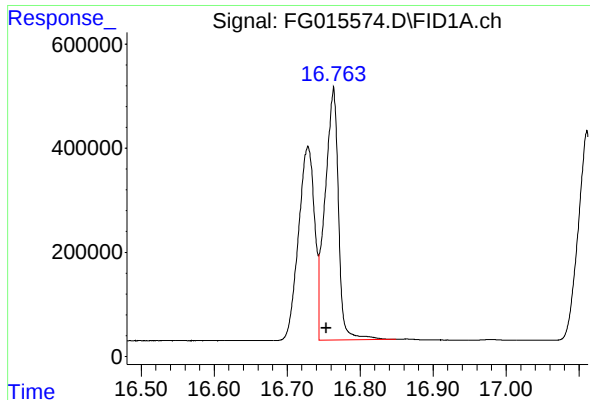
#15 Chrysene (C27.41)

R.T.: 15.207 min
Delta R.T.: 0.006 min
Response: 6968956
Conc: 49.78 ug/ml



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

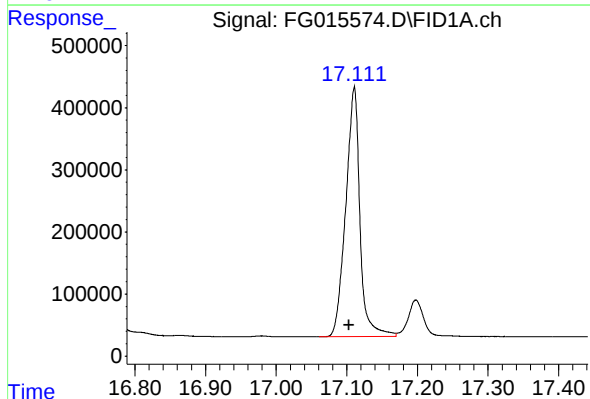
R.T.: 16.728 min
Delta R.T.: 0.006 min
Response: 5723983
Conc: 43.32 ug/ml



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

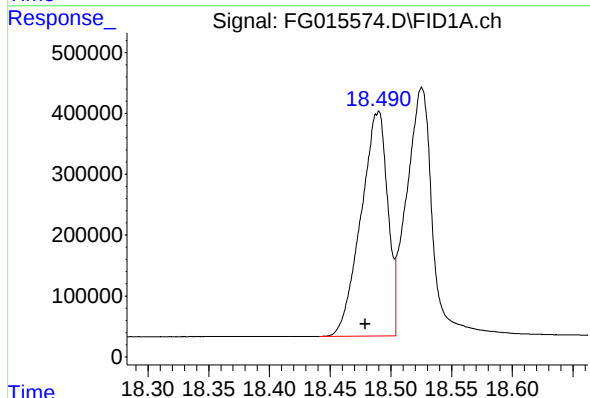
R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 6200926
Conc: 45.42 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167362BS



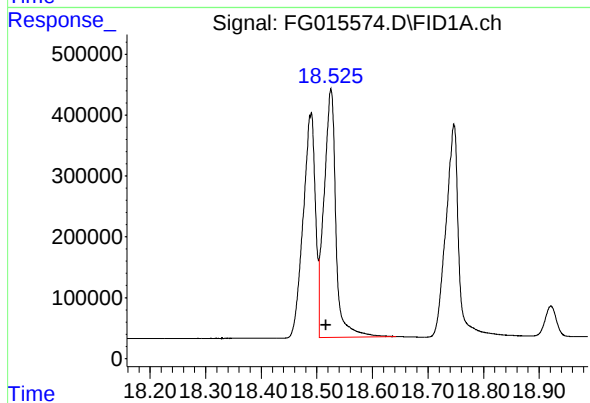
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.110 min
Delta R.T.: 0.007 min
Response: 5609871
Conc: 44.74 ug/ml



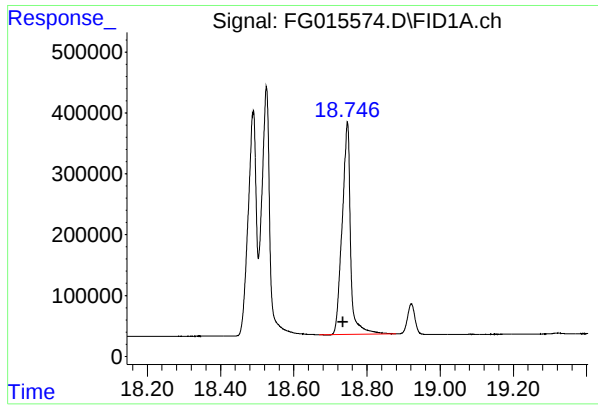
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.489 min
Delta R.T.: 0.010 min
Response: 5648190
Conc: 50.77 ug/ml



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

R.T.: 18.525 min
Delta R.T.: 0.008 min
Response: 6094303
Conc: 47.36 ug/ml



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

R.T.: 18.746 min

Delta R.T.: 0.011 min

Response: 5549942

Conc: 46.45 ug/ml

Instrument :

FID_G

ClientSampleId :

PB167362BS