

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525AR\
 Data File : FG015407.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 15:24
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 25 15:38:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 15:38:01 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...	7.983	1193974	10.381 ug/ml
Spiked Amount 50.000		Recovery =	20.76%
6) S 2-Fluorobiphenyl (SURR)	8.862	790675	10.273 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.55%
11) S ortho-Terphenyl (SURR)	11.935	1387018	10.618 ug/ml
Spiked Amount 50.000		Recovery =	21.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	1334000	10.504 ug/ml
2) T Naphthalene (C11.7)	6.253	1328012	10.272 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	1302025	10.307 ug/ml
5) T Acenaphthylene (C15.06)	8.660	1351312	10.433 ug/ml
7) T Acenaphthene (C15.5)	8.961	1319100	10.402 ug/ml
8) T Fluorene (C16.55)	9.753	1325164	10.393 ug/ml
9) T Phenanthrene (C19.36)	11.165	1301264	10.495 ug/ml
10) T Anthracene (C19.43)	11.240	1256402	10.471 ug/ml
12) T Fluoranthene (C21.85)	12.992	1302211	10.539 ug/ml
13) T Pyrene (C20.8)	13.293	1297501	10.594 ug/ml
14) T Benzo[a]anthracene (C...	15.178	1267108	10.591 ug/ml
15) T Chrysene (C27.41)	15.219	1297554	10.725 ug/ml
16) T benzo[b]fluoranthene ...	16.741	1329462	10.600 ug/ml
17) T Bnezo[k]fluoranthene ...	16.772	1346244	10.780 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.123	1286639	10.578 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.498	1244236	10.393 ug/ml
20) T Dibenz[a,h]anthracene...	18.536	1427847	10.986 ug/ml
21) T Benzo[g,h,i]perylene ...	18.754	1365410	10.695 ug/ml

(f)=RT Delta > 1/2 Window

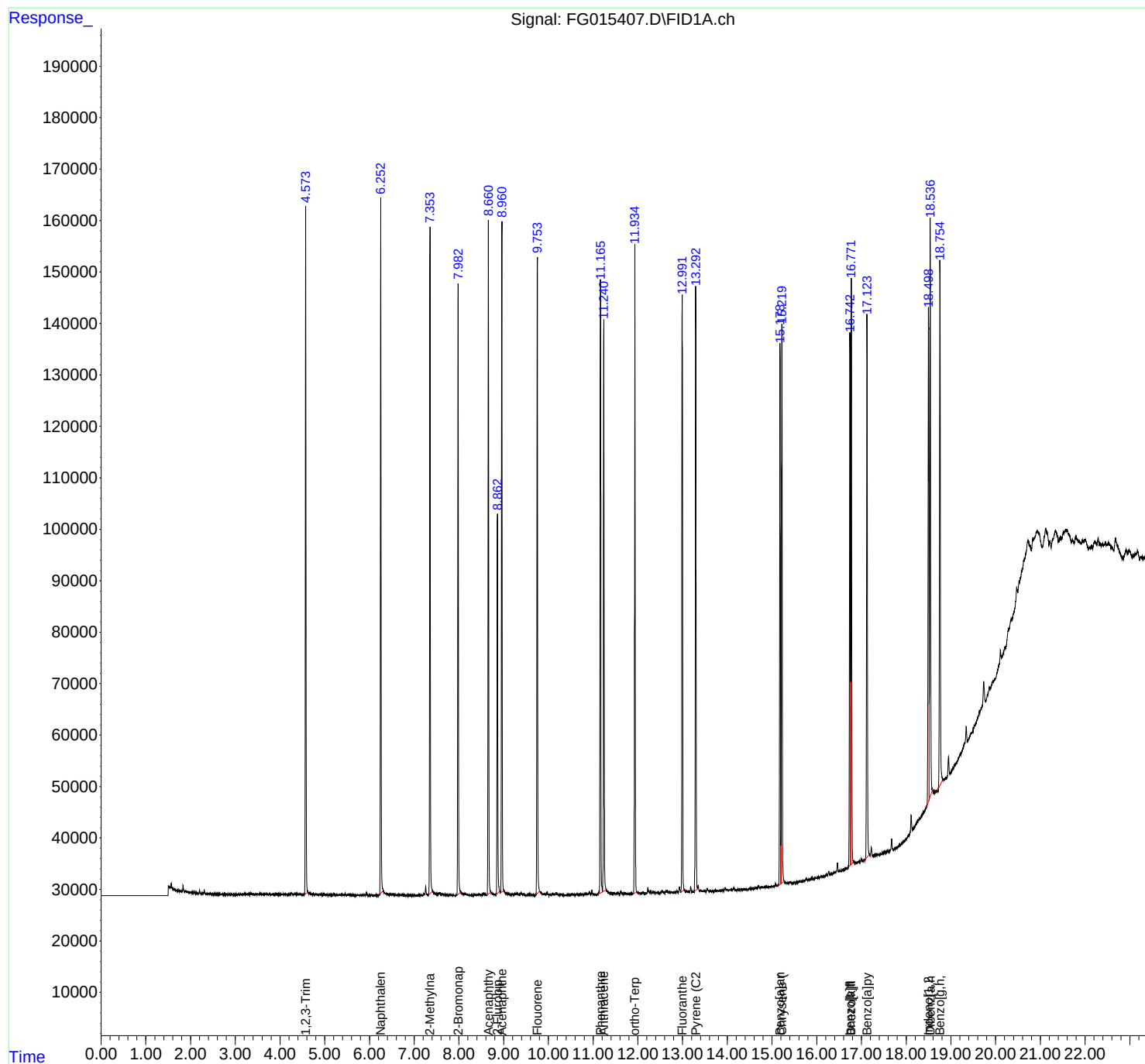
(m)=manual int.

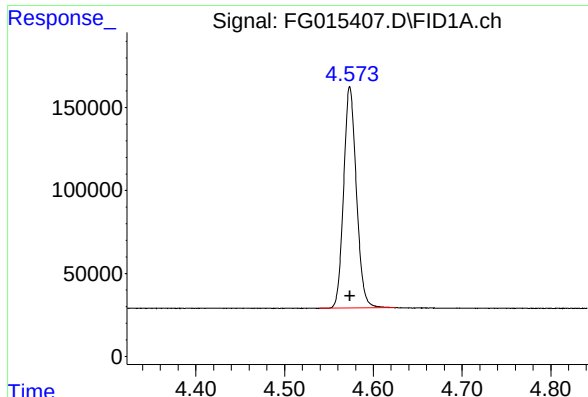
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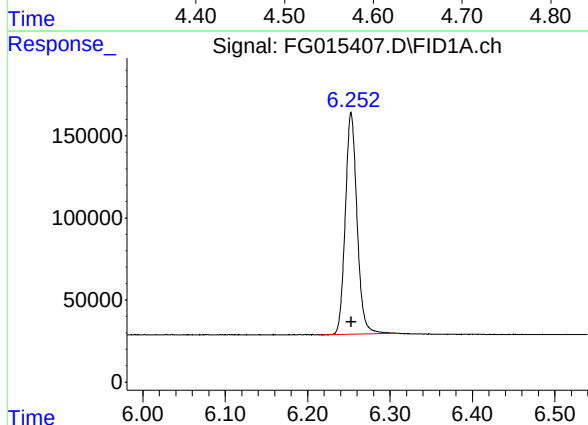




#1 1,2,3-Trimethylbenzene (C10.1)

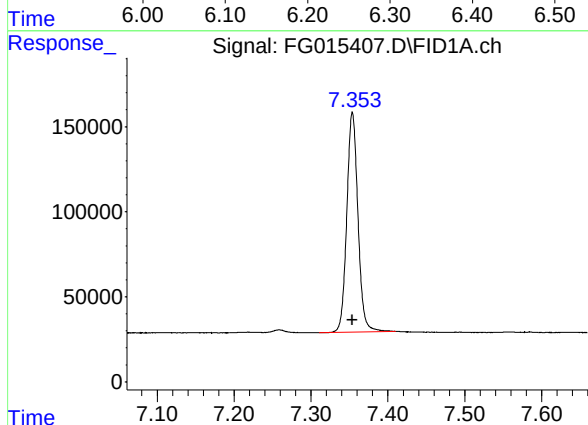
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 1334000
Conc: 10.50 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



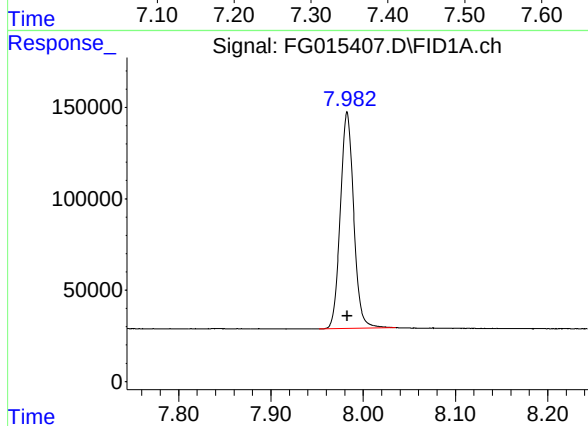
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1328012
Conc: 10.27 ug/ml



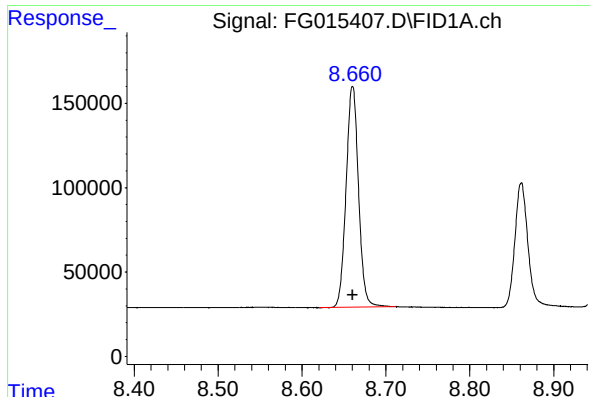
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 1302025
Conc: 10.31 ug/ml



#4 2-Bromonaphthalene (SURR)

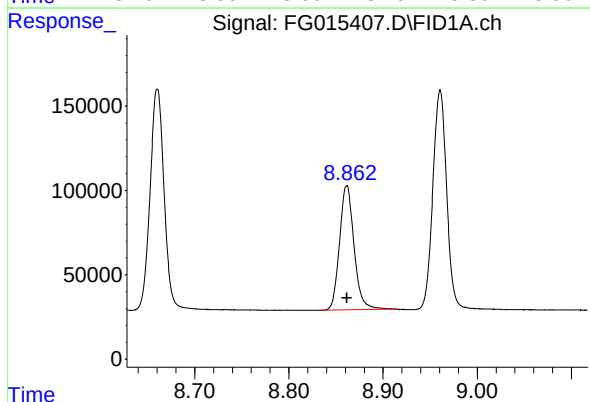
R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 1193974
Conc: 10.38 ug/ml



#5 Acenaphthylene (C15.06)

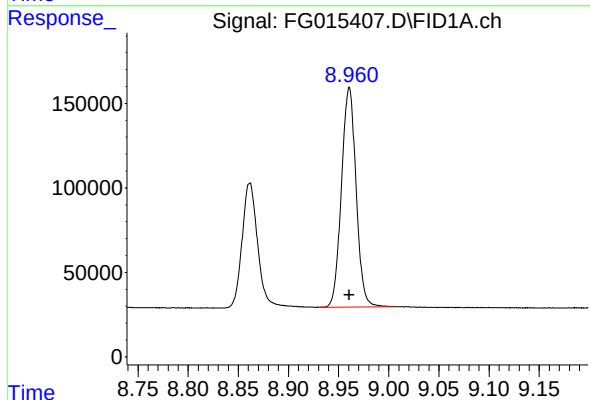
R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 1351312
Conc: 10.43 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



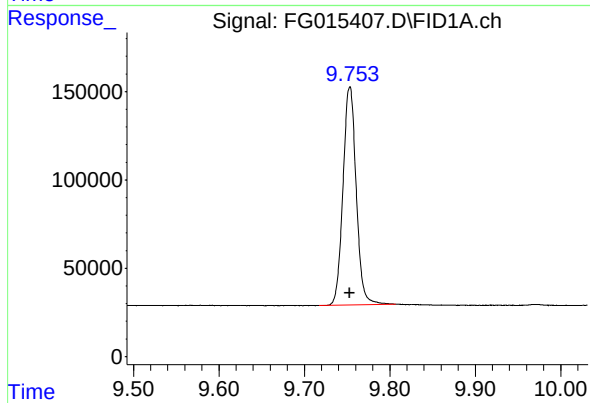
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 790675
Conc: 10.27 ug/ml



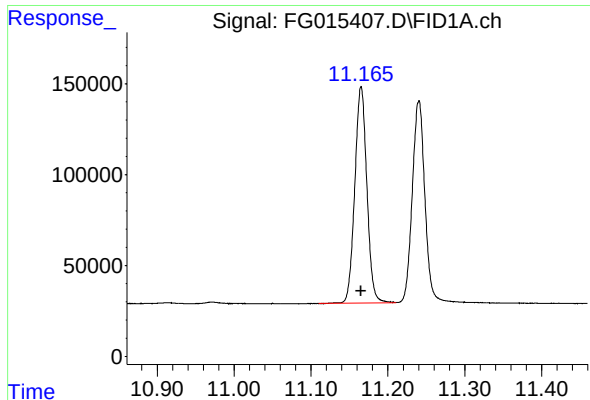
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 1319100
Conc: 10.40 ug/ml



#8 Flouorene (C16.55)

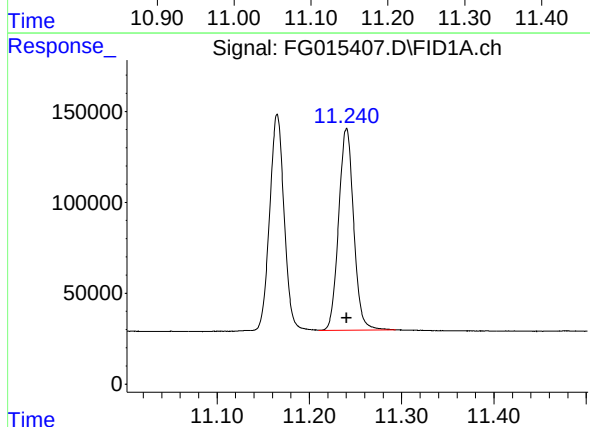
R.T.: 9.753 min
Delta R.T.: 0.000 min
Response: 1325164
Conc: 10.39 ug/ml



#9 Phenanthrene (C19.36)

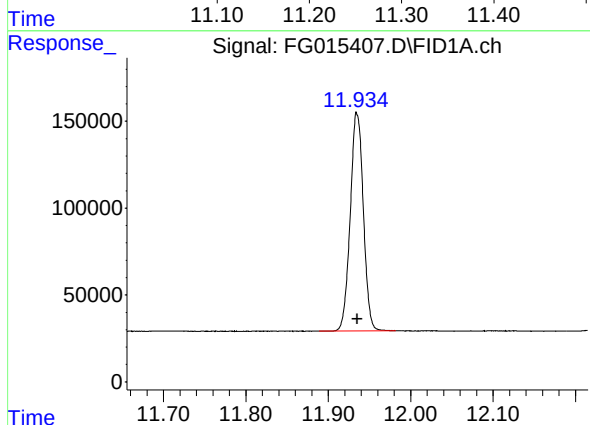
R.T.: 11.165 min
Delta R.T.: 0.000 min
Response: 1301264
Conc: 10.49 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



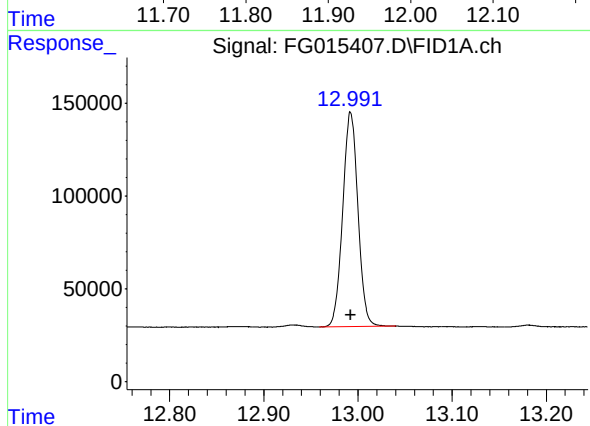
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 1256402
Conc: 10.47 ug/ml



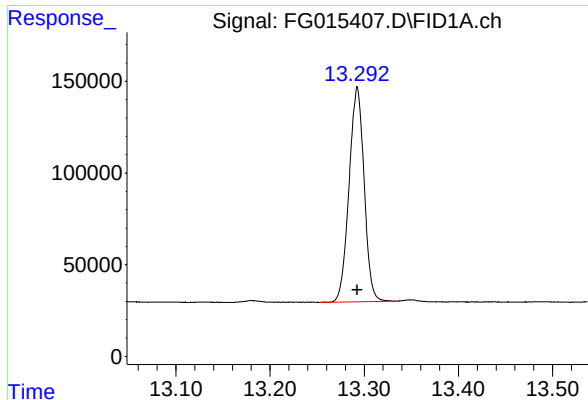
#11 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.000 min
Response: 1387018
Conc: 10.62 ug/ml



#12 Fluoranthene (C21.85)

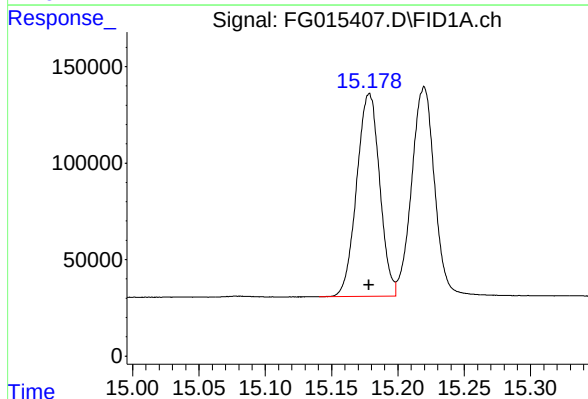
R.T.: 12.992 min
Delta R.T.: 0.000 min
Response: 1302211
Conc: 10.54 ug/ml



#13 Pyrene (C20.8)

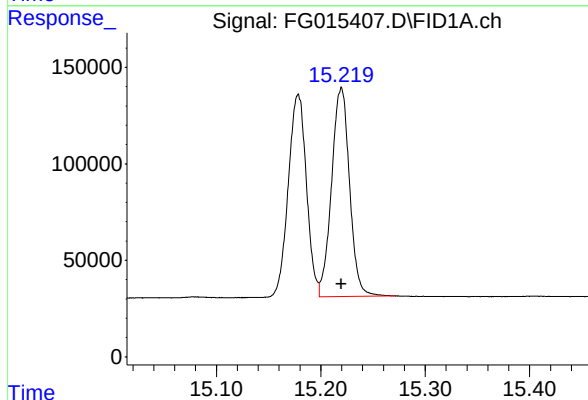
R.T.: 13.293 min
Delta R.T.: 0.000 min
Response: 1297501
Conc: 10.59 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



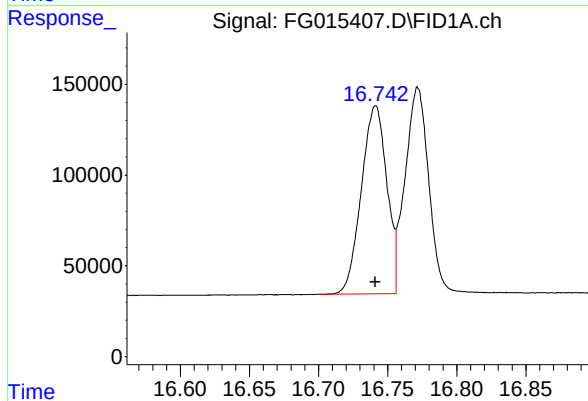
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.178 min
Delta R.T.: 0.000 min
Response: 1267108
Conc: 10.59 ug/ml



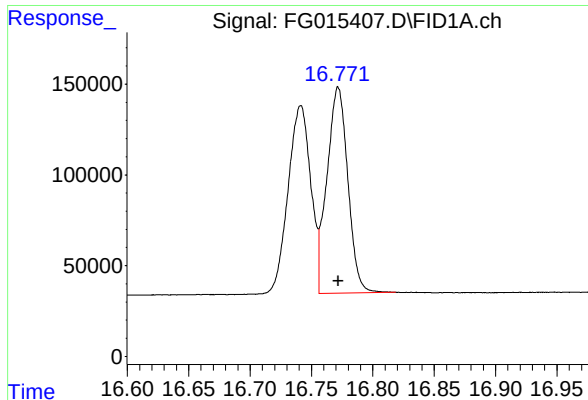
#15 Chrysene (C27.41)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 1297554
Conc: 10.73 ug/ml



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

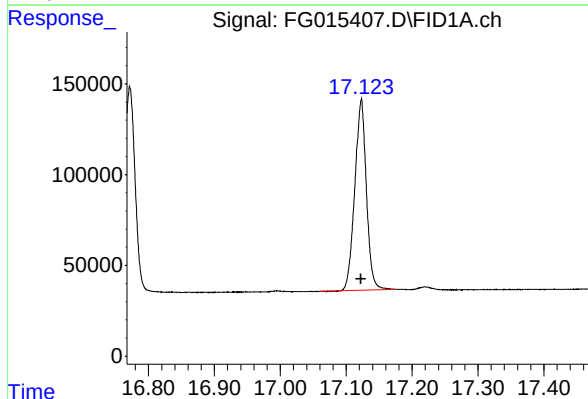
R.T.: 16.741 min
Delta R.T.: 0.000 min
Response: 1329462
Conc: 10.60 ug/ml



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

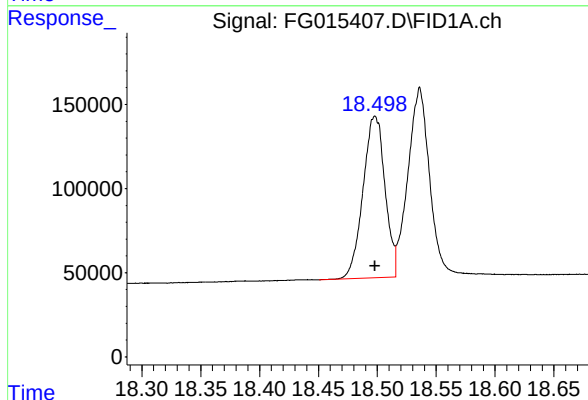
R.T.: 16.772 min
Delta R.T.: 0.000 min
Response: 1346244
Conc: 10.78 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



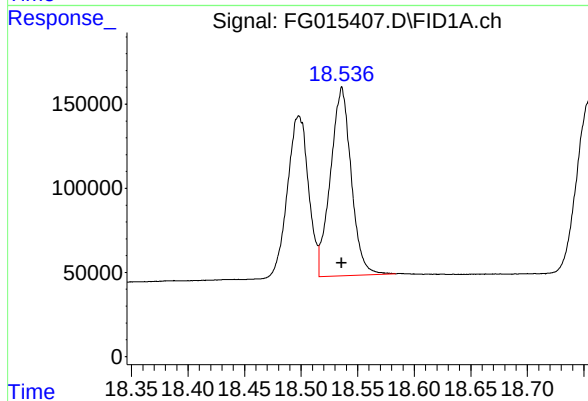
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.123 min
Delta R.T.: 0.000 min
Response: 1286639
Conc: 10.58 ug/ml



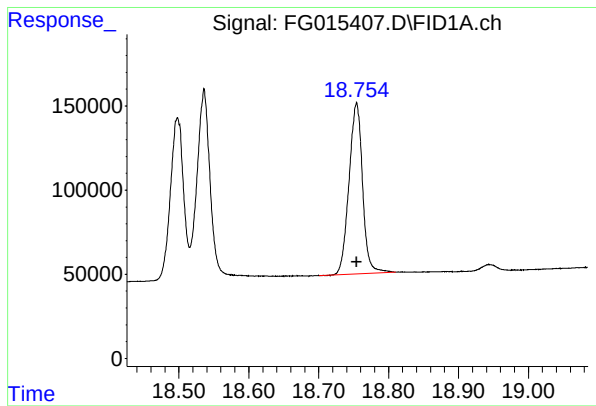
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.498 min
Delta R.T.: 0.000 min
Response: 1244236
Conc: 10.39 ug/ml



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

R.T.: 18.536 min
Delta R.T.: 0.000 min
Response: 1427847
Conc: 10.99 ug/ml



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

R.T.: 18.754 min
Delta R.T.: 0.000 min
Response: 1365410
Conc: 10.69 ug/ml

Instrument :
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ClientSampleId :
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