

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG031725AR\
 Data File : FG015504.D
 Signal(s) : FID1A.ch
 Acq On : 17 Mar 2025 18:31
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 18 04:58:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 04:57:43 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...	7.968	2455614	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.845	1682913	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.918	2914634	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.558	2649640	20.000 ug/ml
2) T Naphthalene (C11.7)	6.237	2706624	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.338	2690250	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.644	2848336	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.944	2747758	20.000 ug/ml
8) T Flouorene (C16.55)	9.736	2814760	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.147	2820694	20.000 ug/ml
10) T Anthracene (C19.43)	11.223	2743461	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.974	2853693	20.000 ug/ml
13) T Pyrene (C20.8)	13.273	2811288	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.159	2736578	20.000 ug/ml
15) T Chrysene (C27.41)	15.201	2784558	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.723	2665661	19.847 ug/ml
17) T Bnezo[k]fluoranthene ...	16.754	2707094	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.103	2510749	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.479	2184625	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.517	2602093	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.735	2375286	20.000 ug/ml

(f)=RT Delta > 1/2 Window

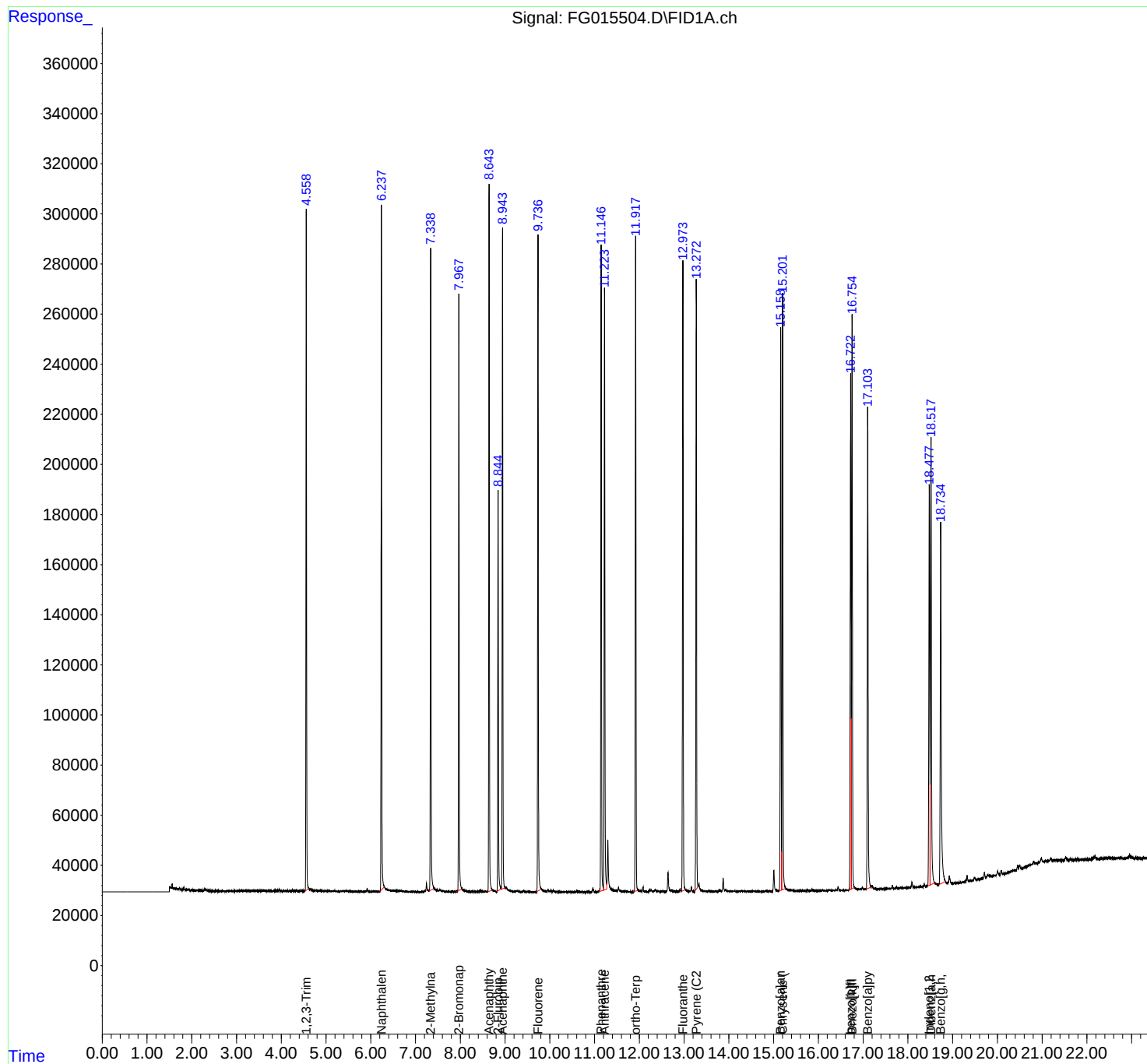
(m)=manual int.

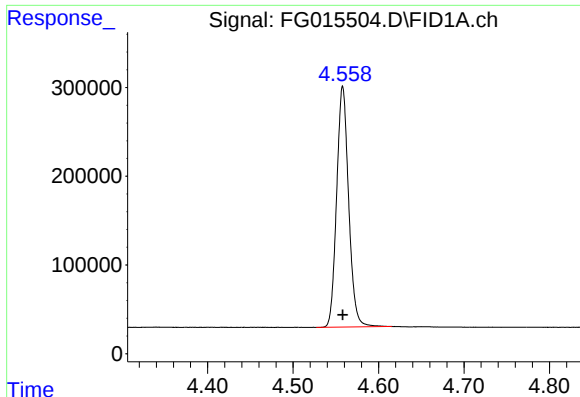
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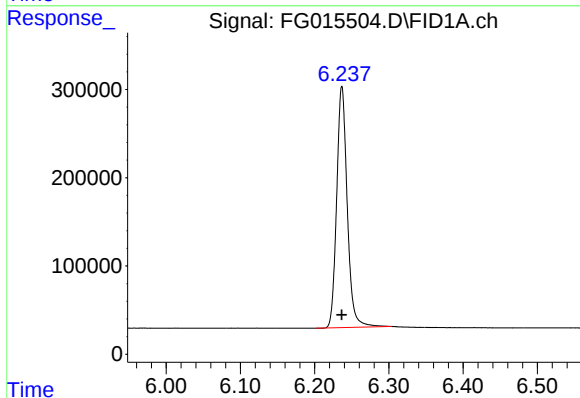




#1 1,2,3-Trimethylbenzene (C10.1)

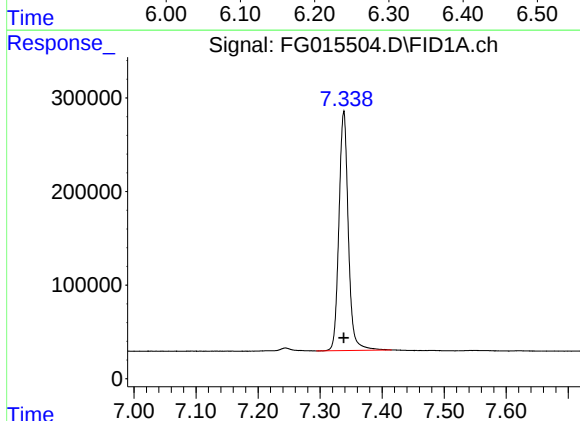
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 2649640
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



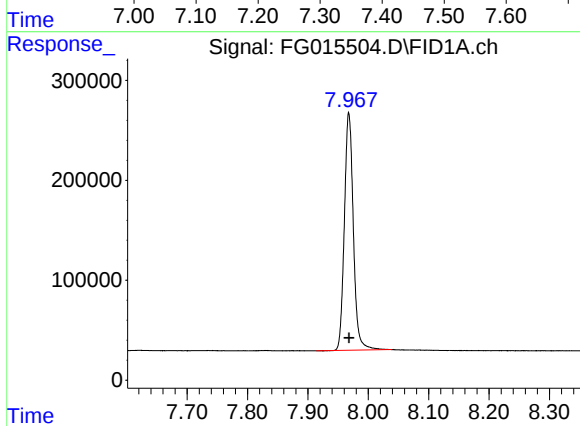
#2 Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 2706624
Conc: 20.00 ug/ml



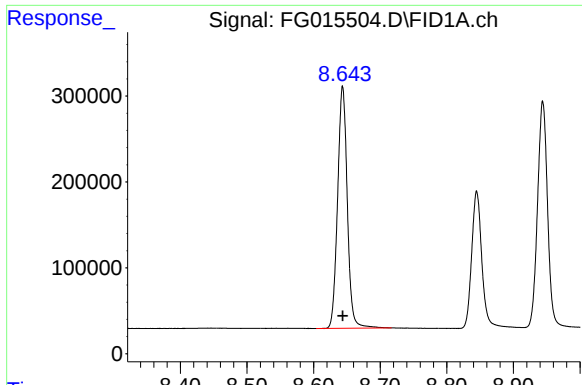
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 2690250
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

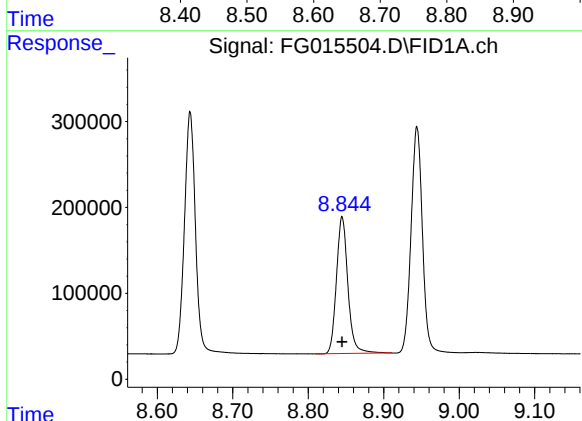
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 2455614
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

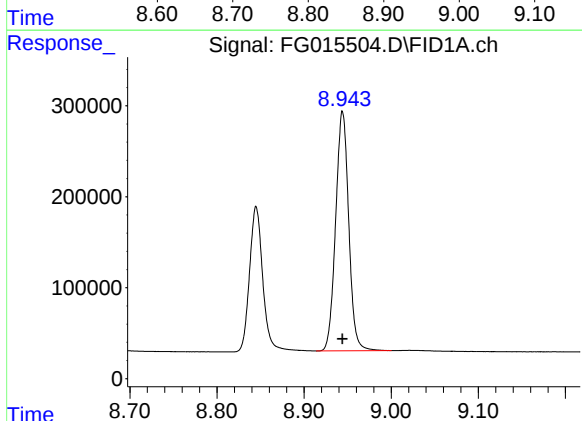
R.T.: 8.644 min
Delta R.T.: 0.000 min
Response: 2848336
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



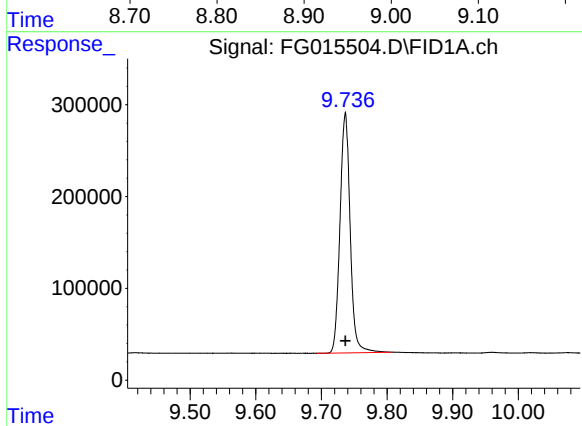
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 1682913
Conc: 20.00 ug/ml



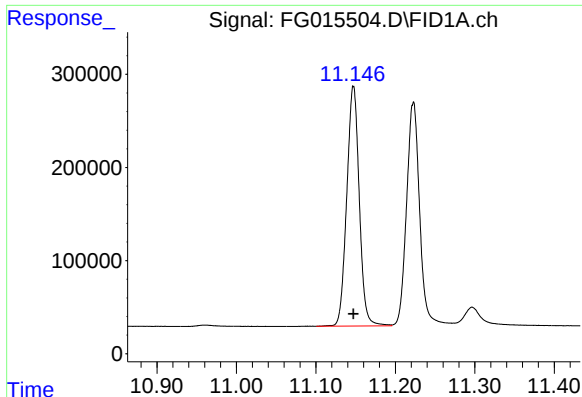
#7 Acenaphthene (C15.5)

R.T.: 8.944 min
Delta R.T.: 0.000 min
Response: 2747758
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

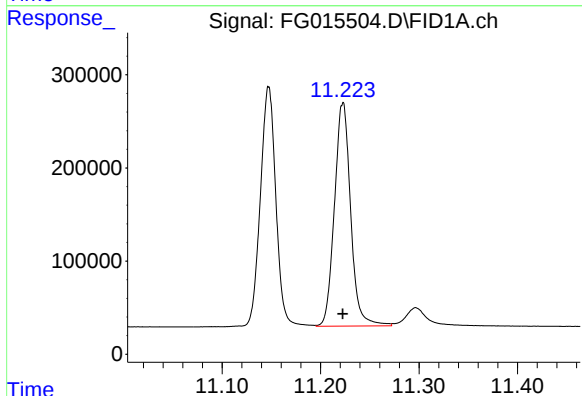
R.T.: 9.736 min
Delta R.T.: 0.000 min
Response: 2814760
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

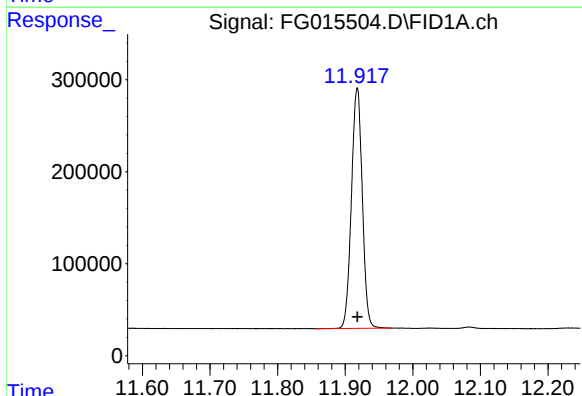
R.T.: 11.147 min
Delta R.T.: 0.000 min
Response: 2820694
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



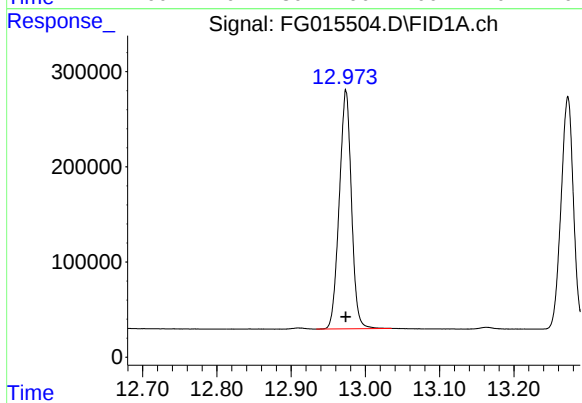
#10 Anthracene (C19.43)

R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 2743461
Conc: 20.00 ug/ml



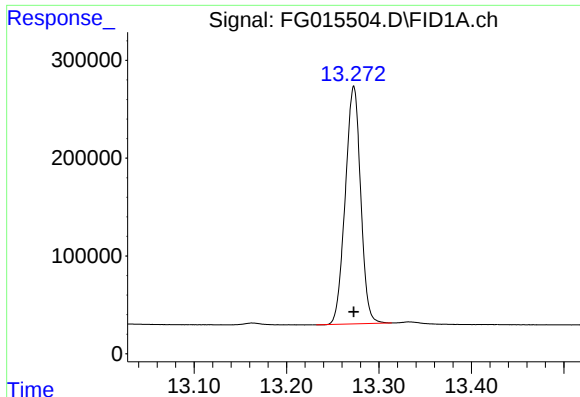
#11 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: 0.000 min
Response: 2914634
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

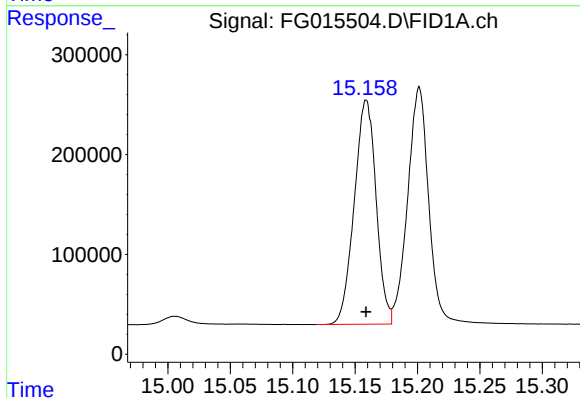
R.T.: 12.974 min
Delta R.T.: 0.000 min
Response: 2853693
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

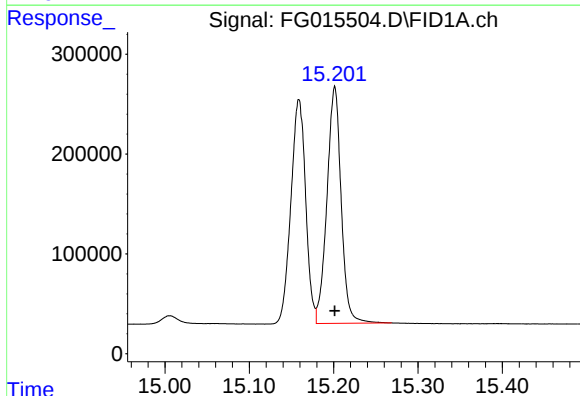
R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 2811288
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



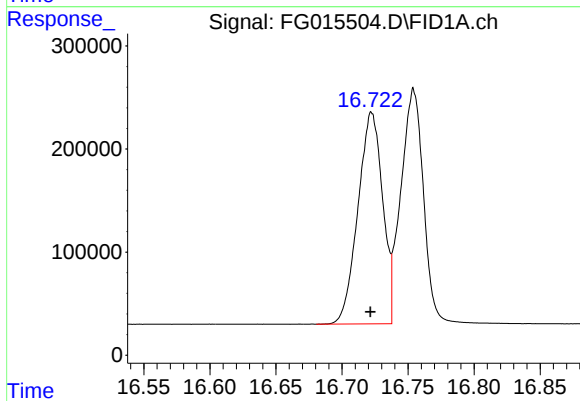
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.159 min
Delta R.T.: 0.000 min
Response: 2736578
Conc: 20.00 ug/ml



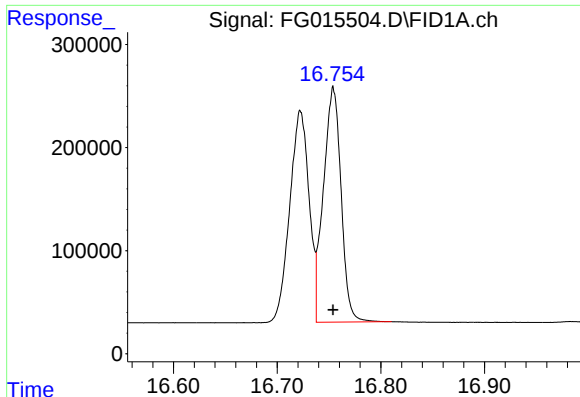
#15 Chrysene (C27.41)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2784558
Conc: 20.00 ug/ml



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

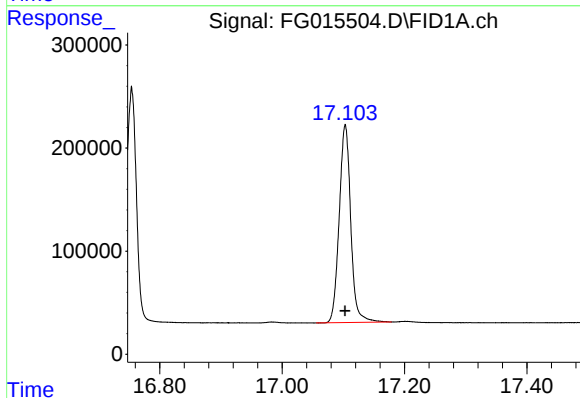
R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 2665661
Conc: 19.85 ug/ml



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

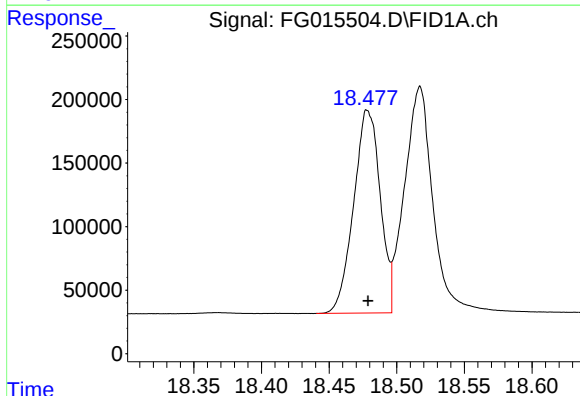
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 2707094
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :



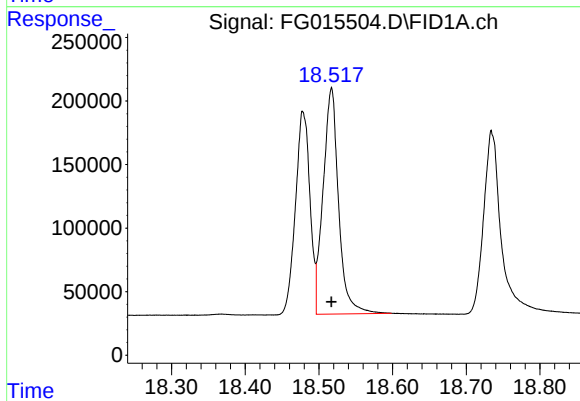
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.103 min
Delta R.T.: 0.000 min
Response: 2510749
Conc: 20.00 ug/ml



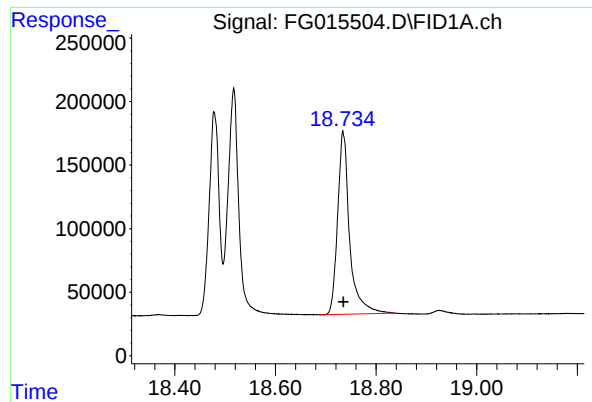
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.479 min
Delta R.T.: 0.000 min
Response: 2184625
Conc: 20.00 ug/ml



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

R.T.: 18.517 min
Delta R.T.: 0.000 min
Response: 2602093
Conc: 20.00 ug/ml



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

R.T.: 18.735 min
Delta R.T.: 0.000 min
Response: 2375286
Conc: 20.00 ug/ml

Instrument :

FID_G

ClientSampleId :