

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080624AR\
 Data File : FG014068.D
 Signal(s) : FID1A.ch
 Acq On : 06 Aug 2024 16:14
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 06 16:34:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 080624.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 16:34:08 2024
 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...	7.894	2158730	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.767	1473004	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.836	2557810	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.498	2514588	20.000 ug/ml
2) T Naphthalene (C11.7)	6.167	2603691	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.265	2578037	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.566	2588187	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.866	2624982	20.000 ug/ml
8) T Fluorene (C16.55)	9.656	2509205	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.063	2441968	20.000 ug/ml
10) T Anthracene (C19.43)	11.138	2438412	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.886	2481110	20.000 ug/ml
13) T Pyrene (C20.8)	13.184	2489576	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.068	2278978	20.000 ug/ml
15) T Chrysene (C27.41)	15.109	2608066	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.628	2407723	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.659	2548866	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.009	2440620	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.383	1913227	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.423	2865864	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.638	2621791	20.000 ug/ml

(f)=RT Delta > 1/2 Window

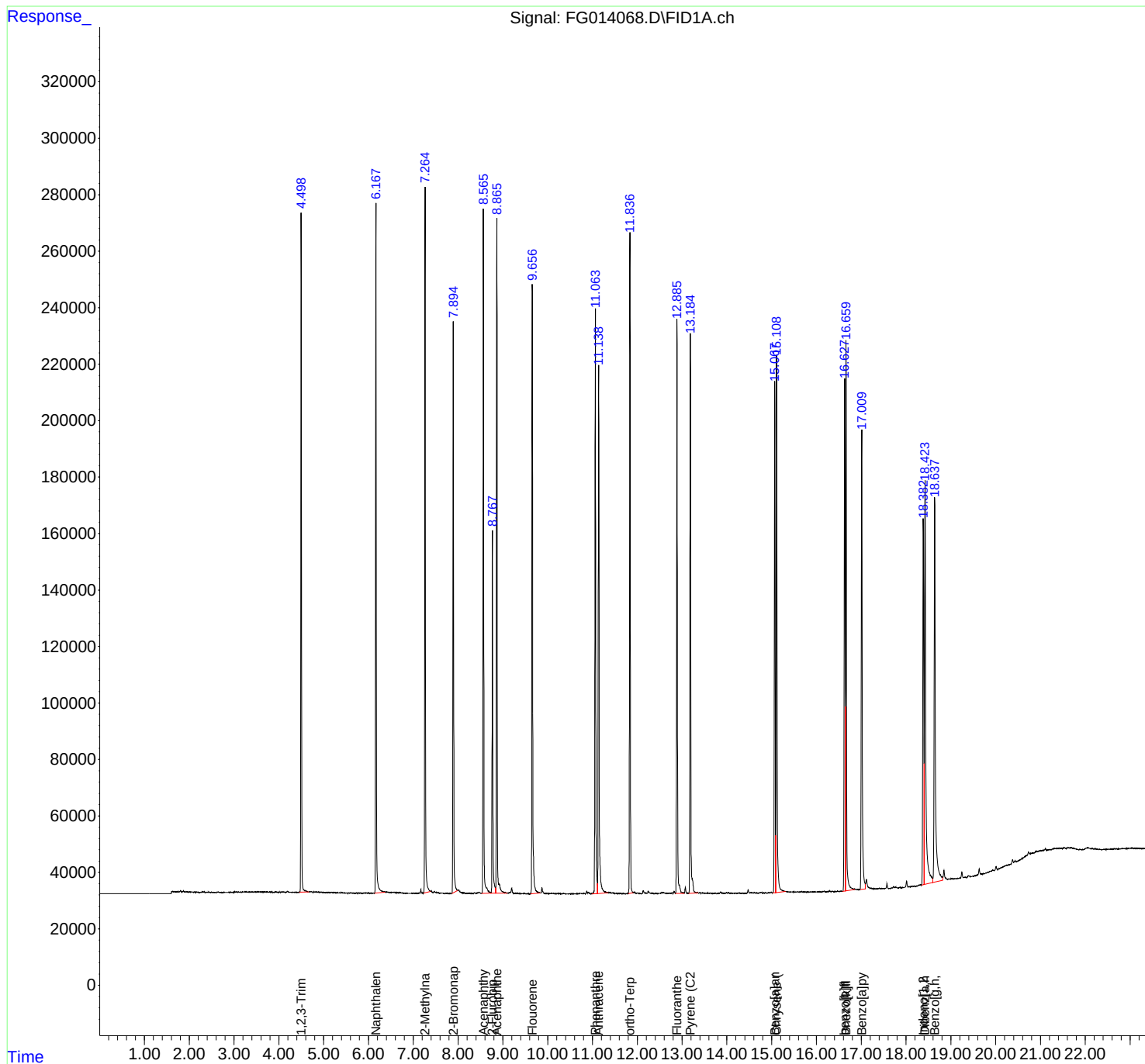
(m)=manual int.

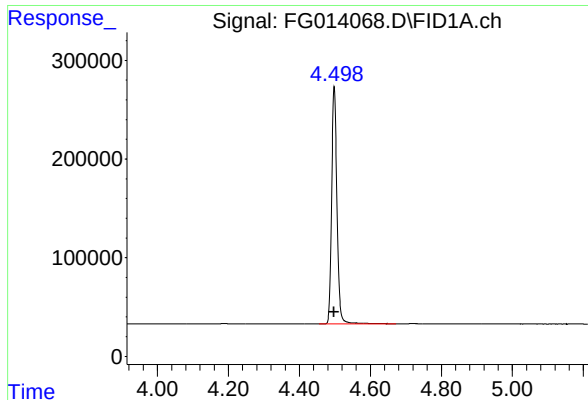
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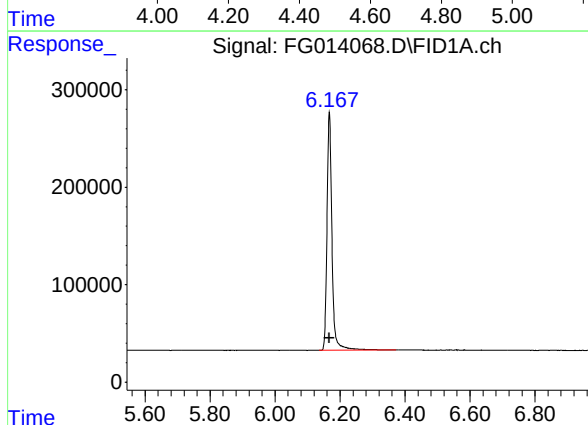




#1 1,2,3-Trimethylbenzene (C10.1)

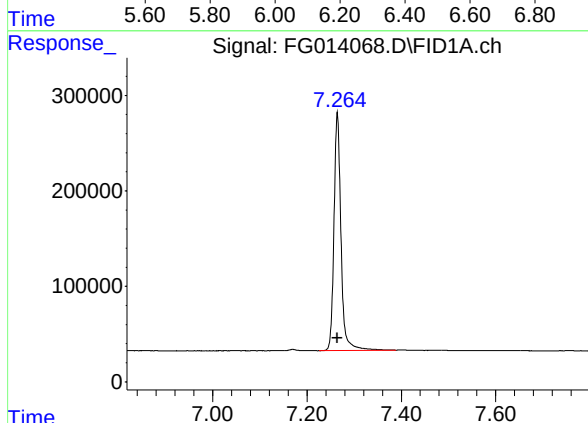
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 2514588
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM AROMATIC HC STD3



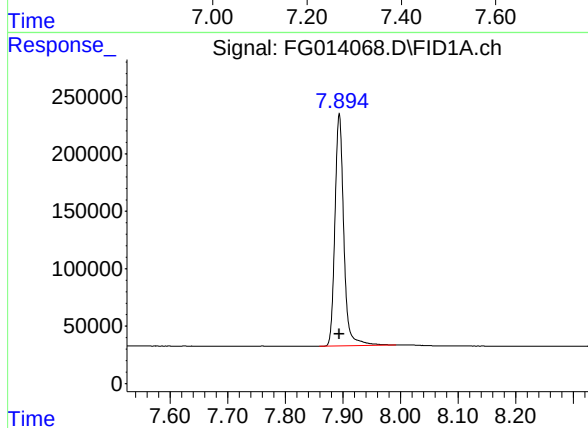
#2 Naphthalene (C11.7)

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2603691
Conc: 20.00 ug/ml



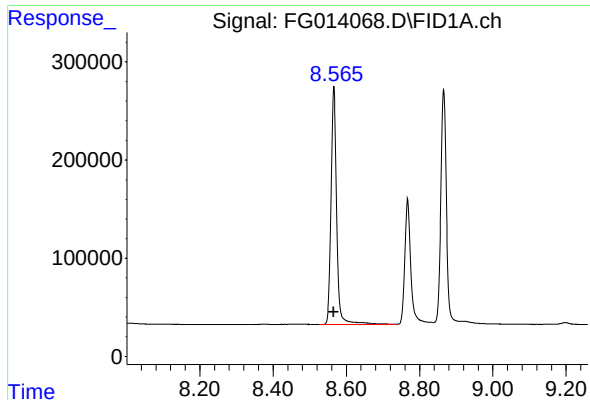
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.000 min
Response: 2578037
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

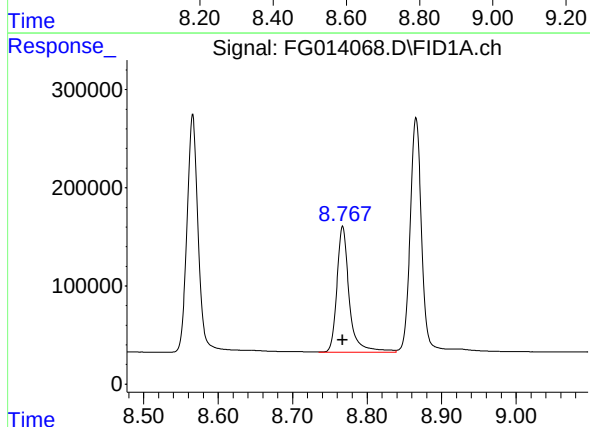
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 2158730
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

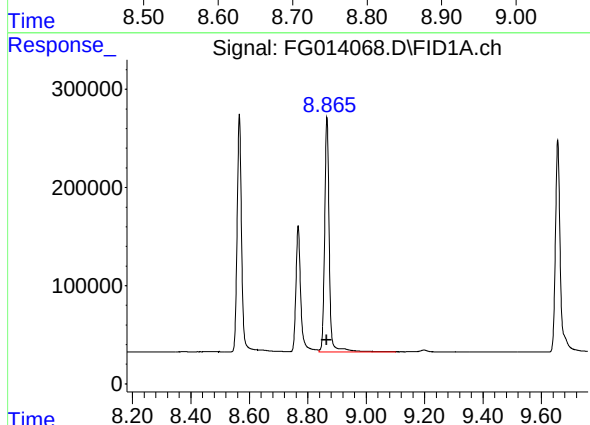
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 2588187
Conc: 20.00 ug/ml

Instrument :
FID_G
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20 PPM AROMATIC HC STD3



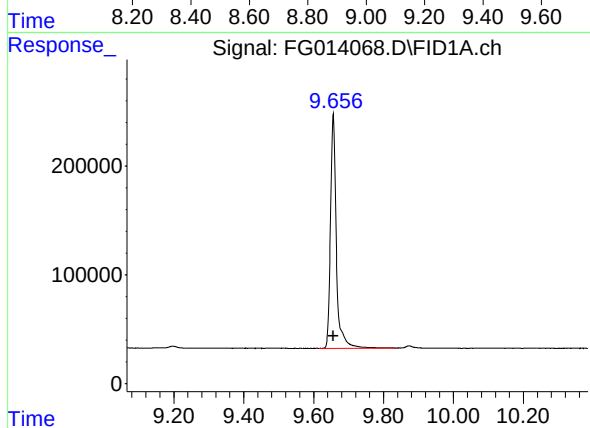
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 1473004
Conc: 20.00 ug/ml



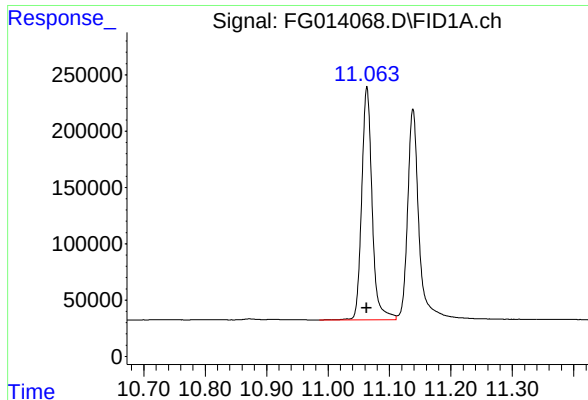
#7 Acenaphthene (C15.5)

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 2624982
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

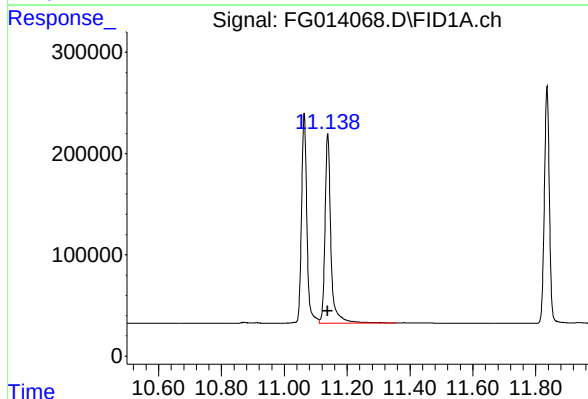
R.T.: 9.656 min
Delta R.T.: 0.000 min
Response: 2509205
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

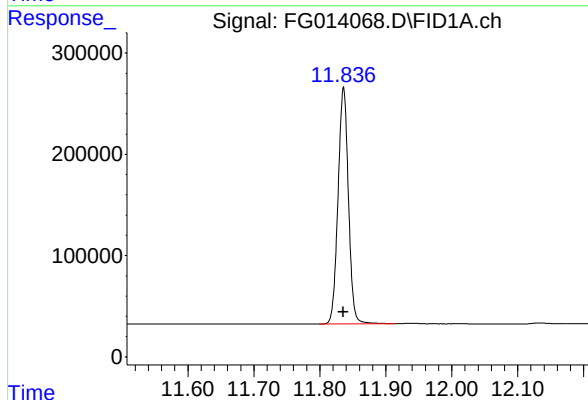
R.T.: 11.063 min
Delta R.T.: 0.000 min
Response: 2441968
Conc: 20.00 ug/ml

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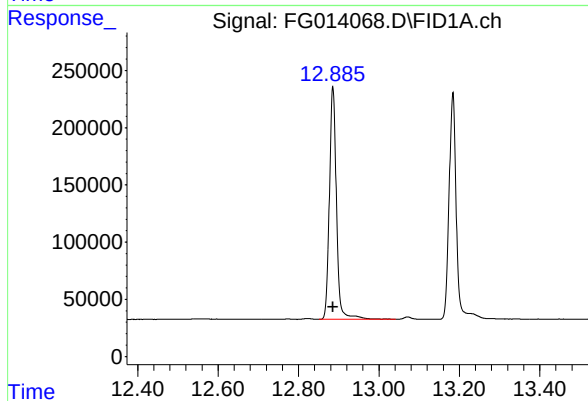
#10 Anthracene (C19.43)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 2438412
Conc: 20.00 ug/ml



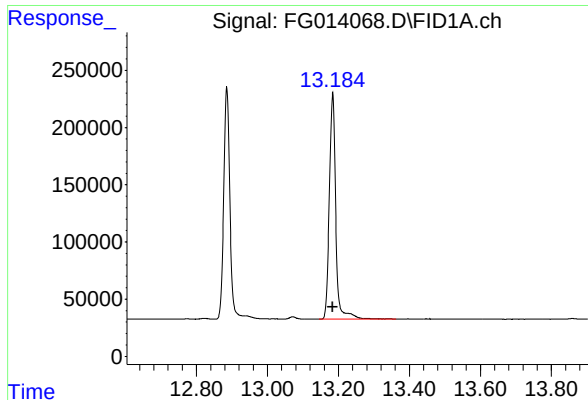
#11 ortho-Terphenyl (SURR)

R.T.: 11.836 min
Delta R.T.: 0.000 min
Response: 2557810
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

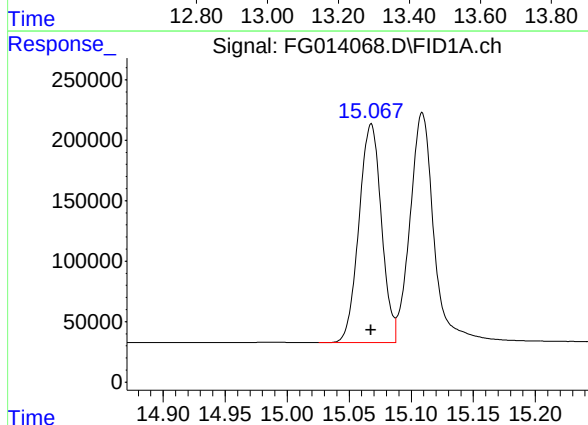
R.T.: 12.886 min
Delta R.T.: 0.000 min
Response: 2481110
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

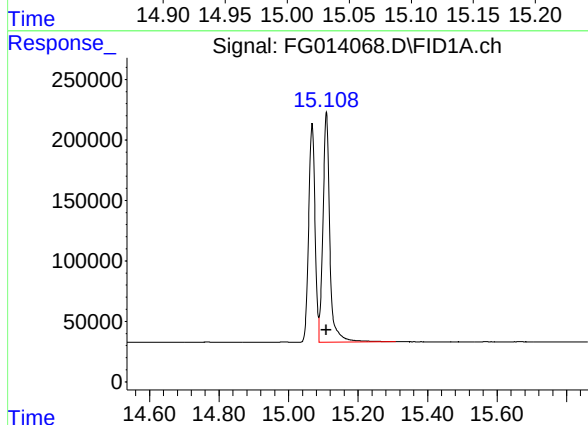
R.T.: 13.184 min
Delta R.T.: 0.000 min
Response: 2489576
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



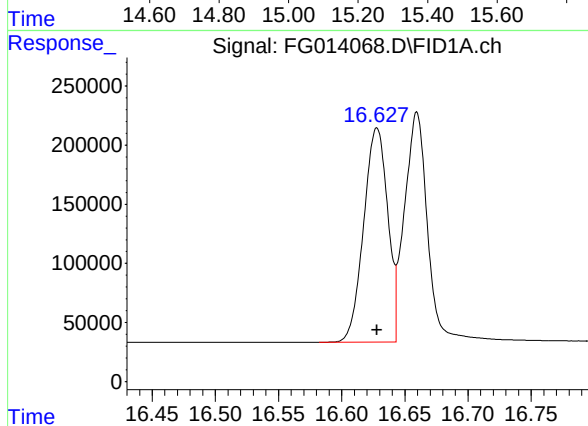
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.068 min
Delta R.T.: 0.000 min
Response: 2278978
Conc: 20.00 ug/ml



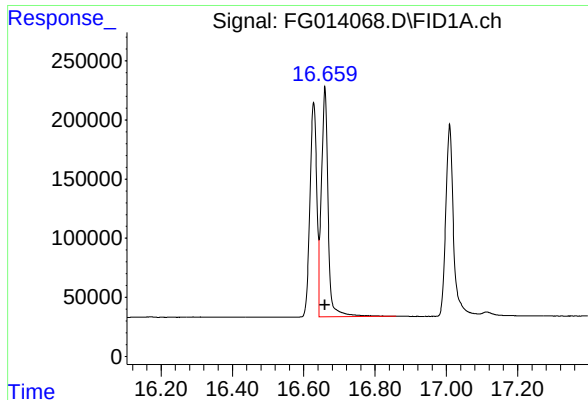
#15 Chrysene (C27.41)

R.T.: 15.109 min
Delta R.T.: 0.000 min
Response: 2608066
Conc: 20.00 ug/ml



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

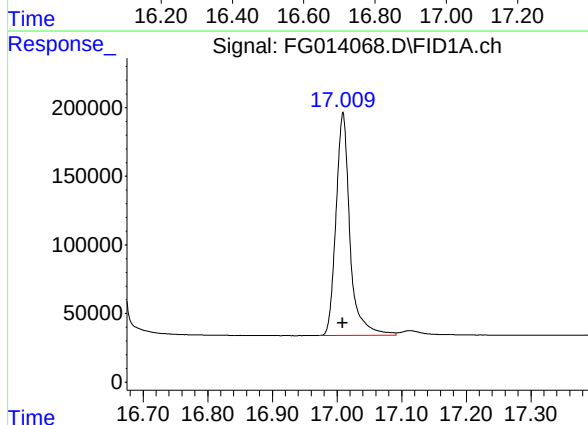
R.T.: 16.628 min
Delta R.T.: 0.000 min
Response: 2407723
Conc: 20.00 ug/ml



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

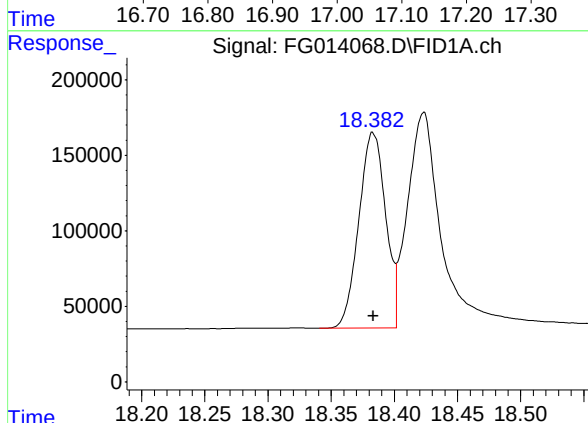
R.T.: 16.659 min
Delta R.T.: 0.000 min
Response: 2548866
Conc: 20.00 ug/ml

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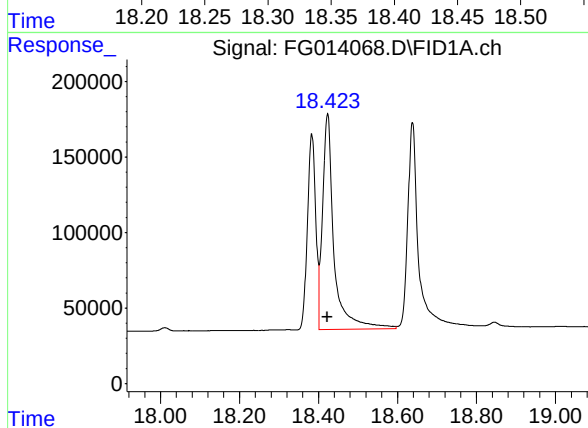
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.009 min
Delta R.T.: 0.000 min
Response: 2440620
Conc: 20.00 ug/ml



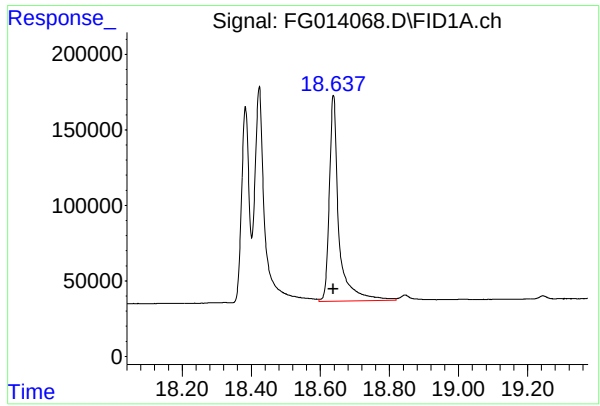
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.383 min
Delta R.T.: 0.000 min
Response: 1913227
Conc: 20.00 ug/ml



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

R.T.: 18.423 min
Delta R.T.: 0.000 min
Response: 2865864
Conc: 20.00 ug/ml



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

R.T.: 18.638 min
Delta R.T.: 0.000 min
Response: 2621791
Conc: 20.00 ug/ml

Instrument :

FID_G

ClientSampleId :

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