

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022625AR\
 Data File : FF015529.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 09:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 26 12:27:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022625.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 26 12:26:20 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...	7.996	2350631	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.872	1499662	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.933	2910848	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	2570851	20.000 ug/ml
2) T Naphthalene (C11.7)	6.274	2577499	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.370	2573276	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.670	2803283	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.968	2806231	20.000 ug/ml
8) T Fluorene (C16.55)	9.760	2701482	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.166	2653141	20.000 ug/ml
10) T Anthracene (C19.43)	11.242	2577211	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.988	2808741	20.000 ug/ml
13) T Pyrene (C20.8)	13.287	2863104	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.169	2522372	20.000 ug/ml
15) T Chrysene (C27.41)	15.211	2936432	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.730	2670667	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	2910573	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.111	2410168	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.484	2018742	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.522	2732285	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.738	2503914	20.000 ug/ml

(f)=RT Delta > 1/2 Window

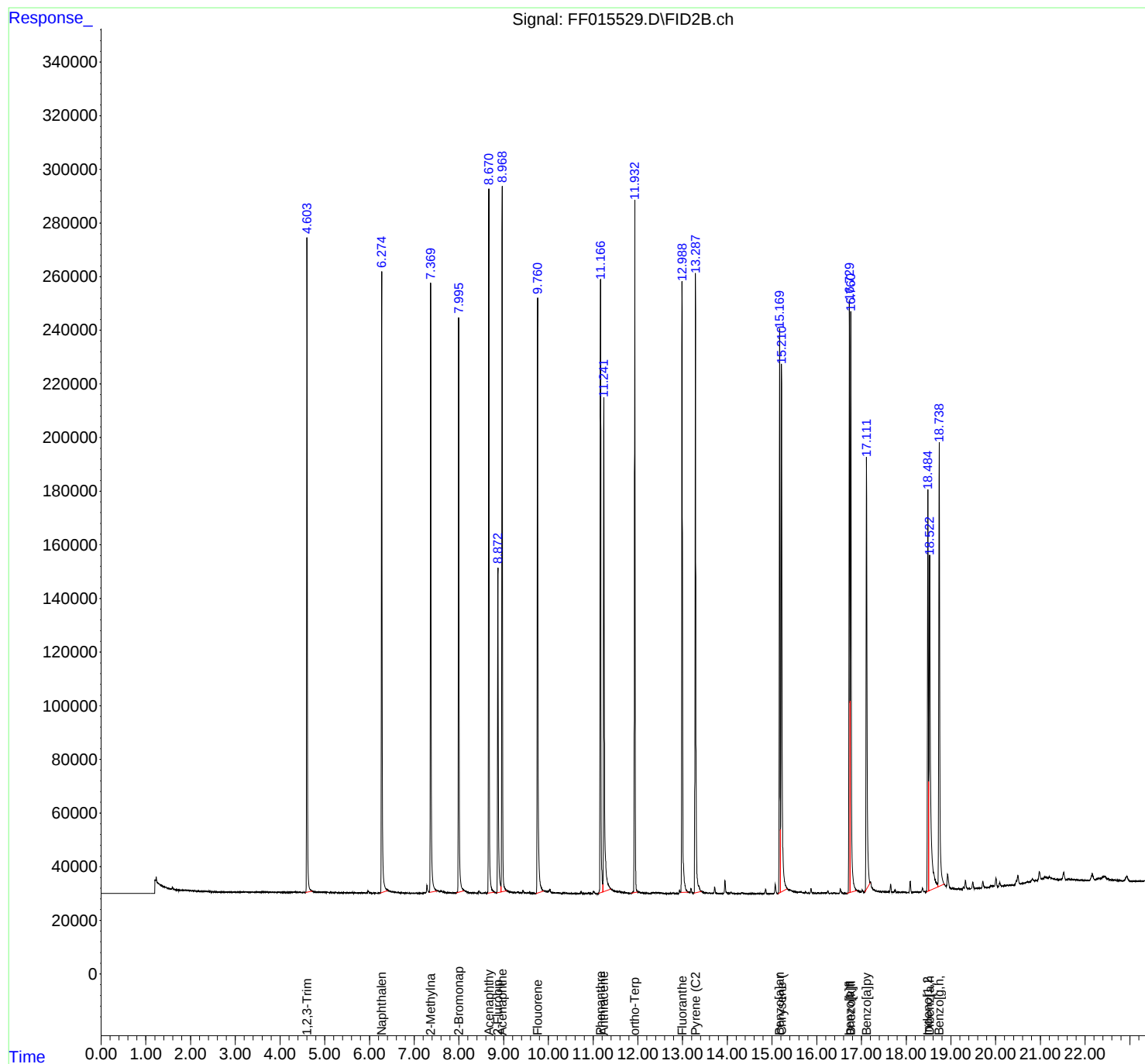
(m)=manual int.

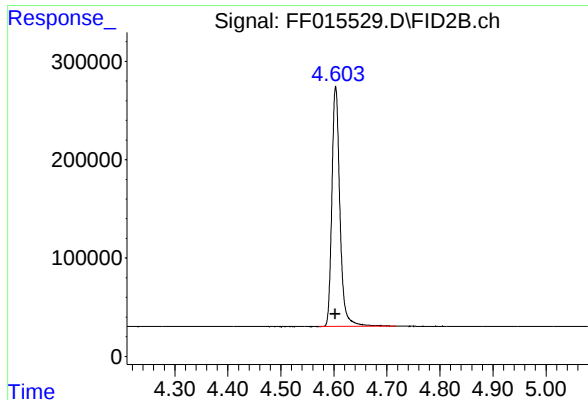
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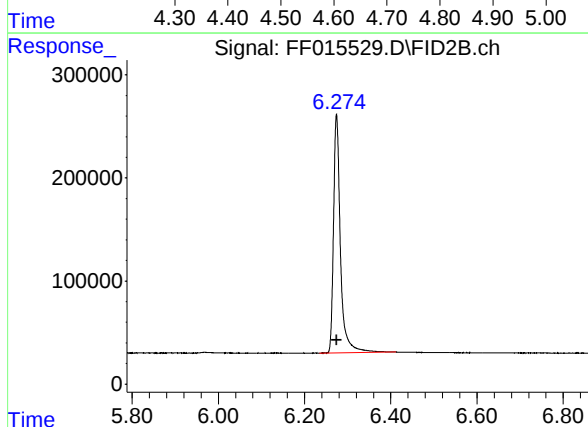




#1 1,2,3-Trimethylbenzene (C10.1)

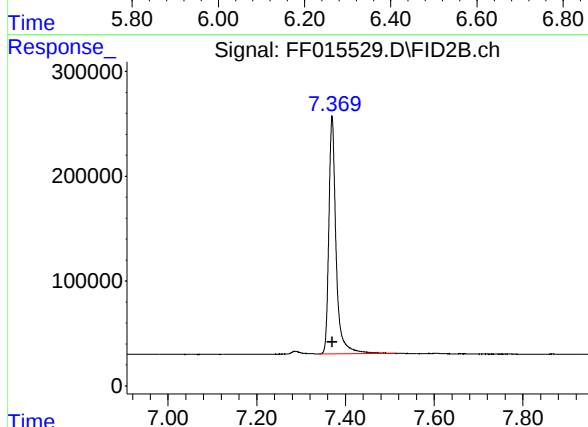
R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 2570851
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



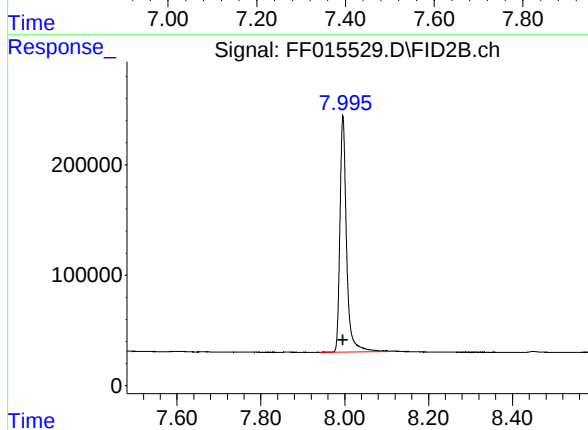
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2577499
Conc: 20.00 ug/ml



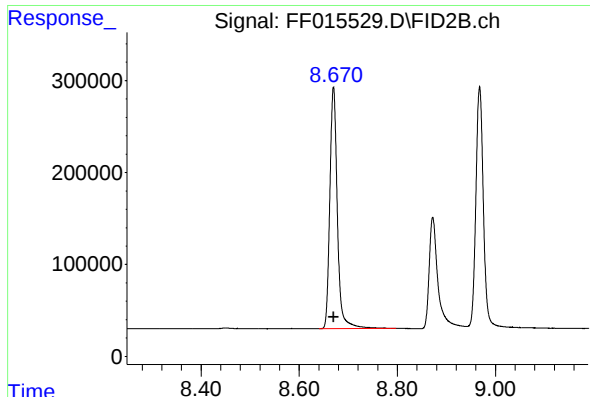
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2573276
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

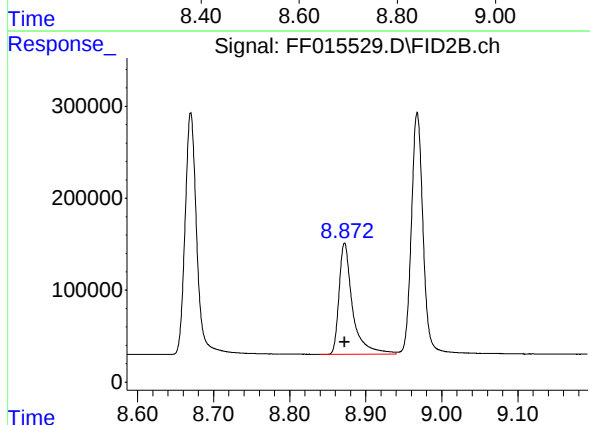
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 2350631
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

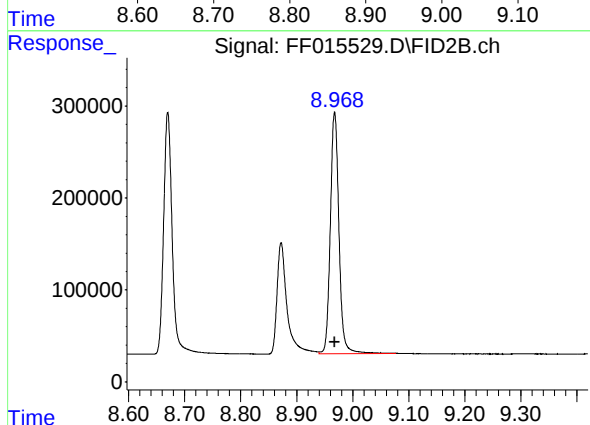
R.T.: 8.670 min
Delta R.T.: 0.000 min
Response: 2803283
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



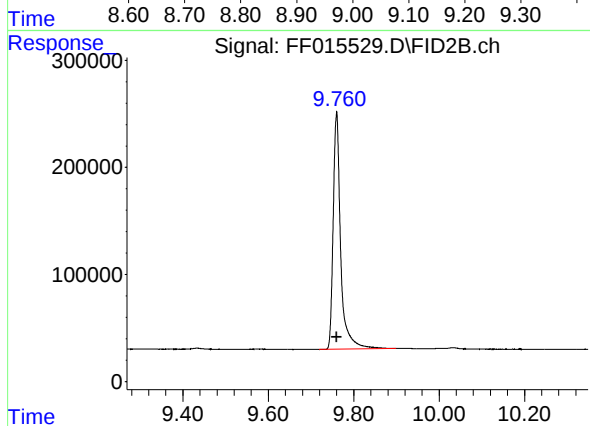
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 1499662
Conc: 20.00 ug/ml



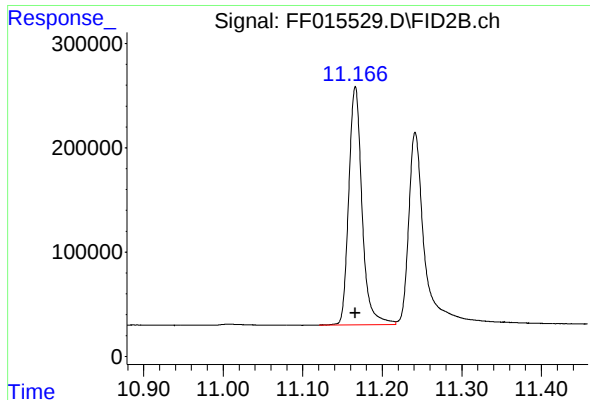
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 2806231
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

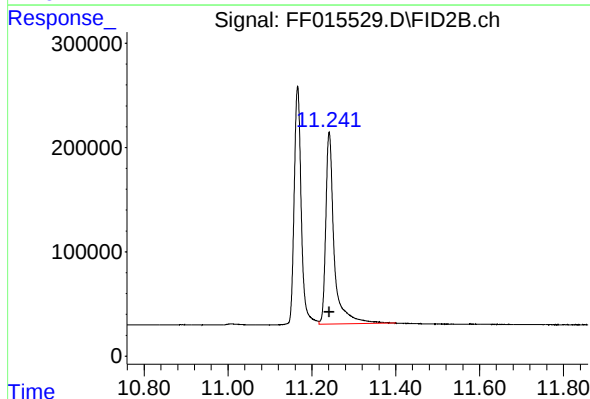
R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 2701482
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

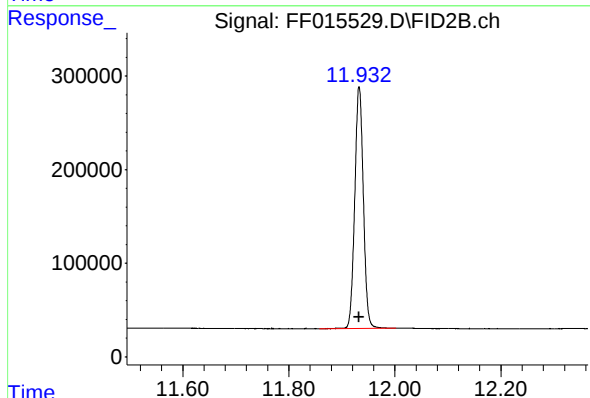
R.T.: 11.166 min
Delta R.T.: 0.000 min
Response: 2653141
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3



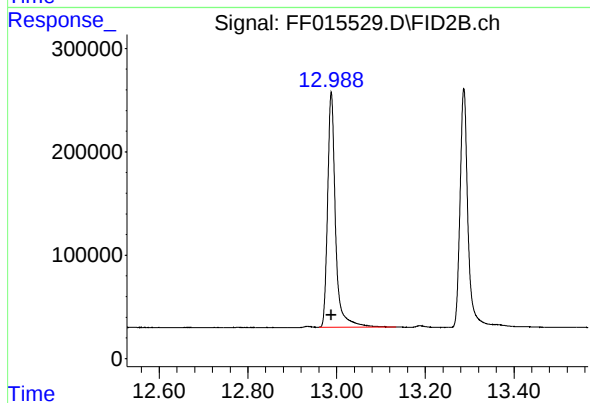
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: 0.000 min
Response: 2577211
Conc: 20.00 ug/ml



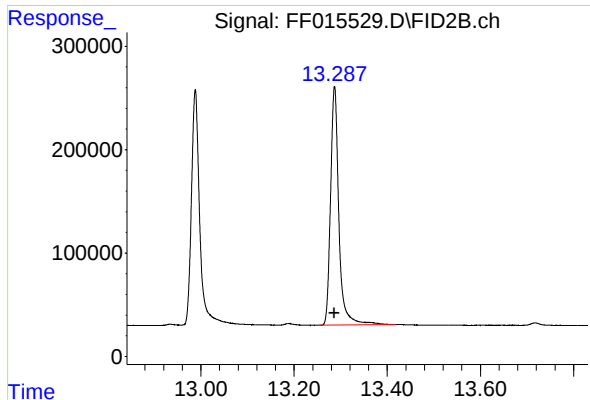
#11 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 2910848
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

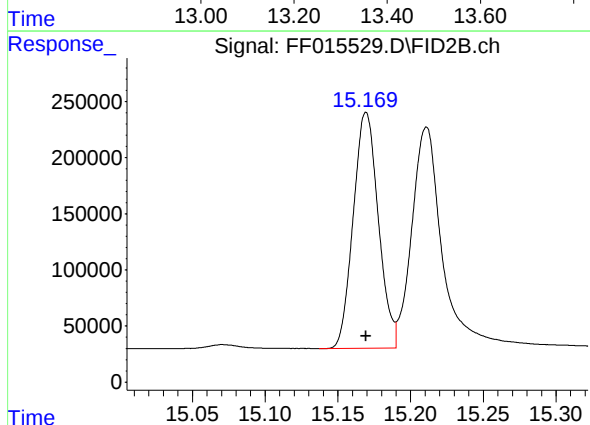
R.T.: 12.988 min
Delta R.T.: 0.000 min
Response: 2808741
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

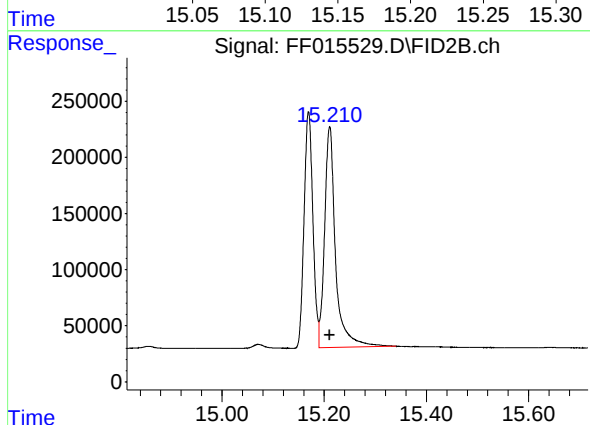
R.T.: 13.287 min
Delta R.T.: 0.000 min
Response: 2863104
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



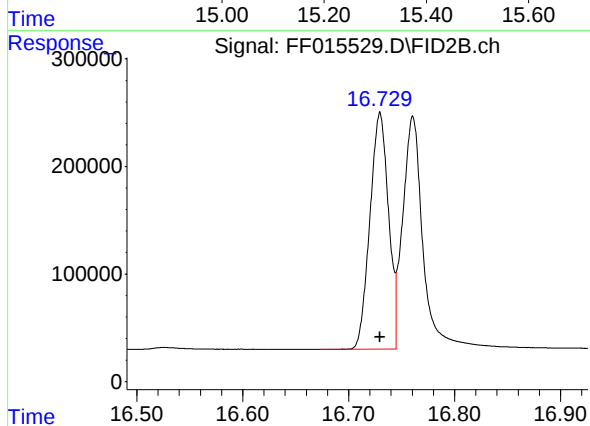
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.169 min
Delta R.T.: 0.000 min
Response: 2522372
Conc: 20.00 ug/ml



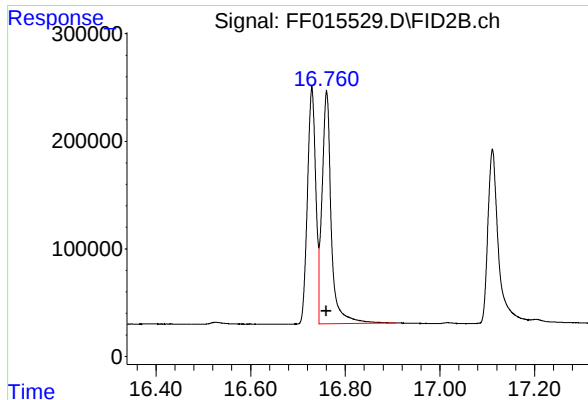
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 2936432
Conc: 20.00 ug/ml



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

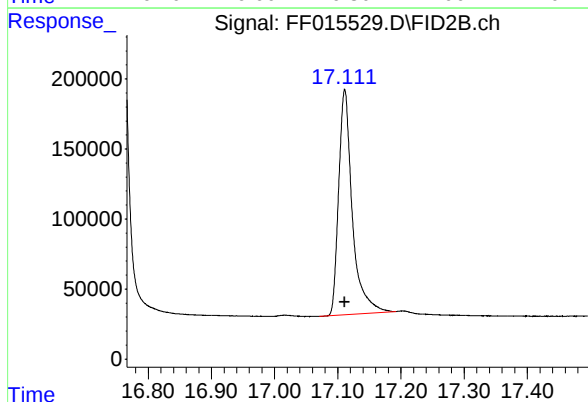
R.T.: 16.730 min
Delta R.T.: 0.000 min
Response: 2670667
Conc: 20.00 ug/ml



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

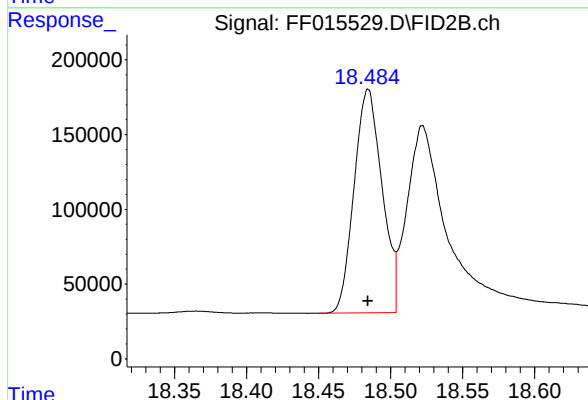
R.T.: 16.761 min
Delta R.T.: 0.000 min
Response: 2910573
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



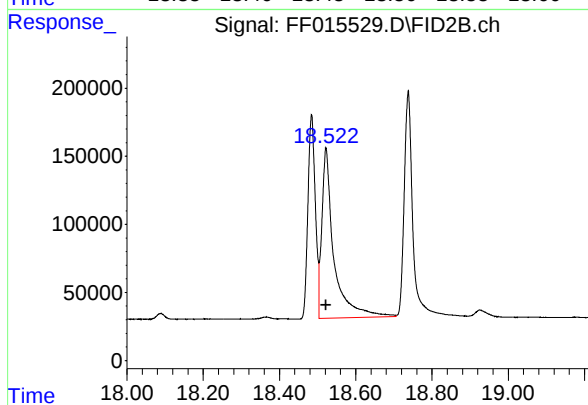
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.000 min
Response: 2410168
Conc: 20.00 ug/ml



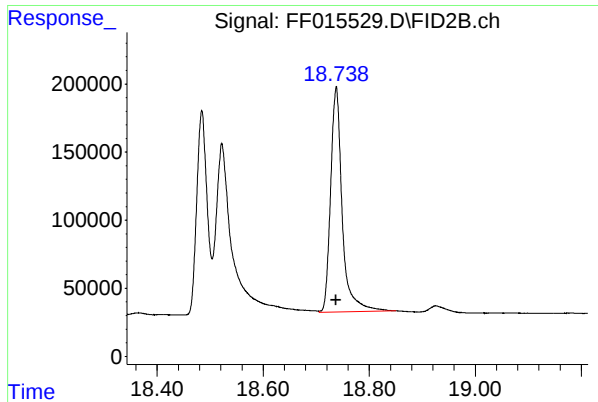
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.484 min
Delta R.T.: 0.000 min
Response: 2018742
Conc: 20.00 ug/ml



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

R.T.: 18.522 min
Delta R.T.: 0.000 min
Response: 2732285
Conc: 20.00 ug/ml



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

R.T.: 18.738 min
Delta R.T.: 0.000 min
Response: 2503914
Conc: 20.00 ug/ml

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