

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015974.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:29
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 16 04:31:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 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...	8.059	2231889	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.933	1532487	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.999	2606202	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.661	2440035	20.000 ug/ml
2) T Naphthalene (C11.7)	6.333	2576262	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	2610985	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.734	2591437	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.034	2571279	20.000 ug/ml
8) T Fluorene (C16.55)	9.821	2561063	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.228	2548528	20.000 ug/ml
10) T Anthracene (C19.43)	11.302	2544050	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.048	2570710	20.000 ug/ml
13) T Pyrene (C20.8)	13.347	2548343	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.226	2483314	20.000 ug/ml
15) T Chrysene (C27.41)	15.269	2510387	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.783	2467425	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.816	2330626	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.162	2405879	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.532	2177865	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.573	2296931	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.790	2292840	20.000 ug/ml

(f)=RT Delta > 1/2 Window

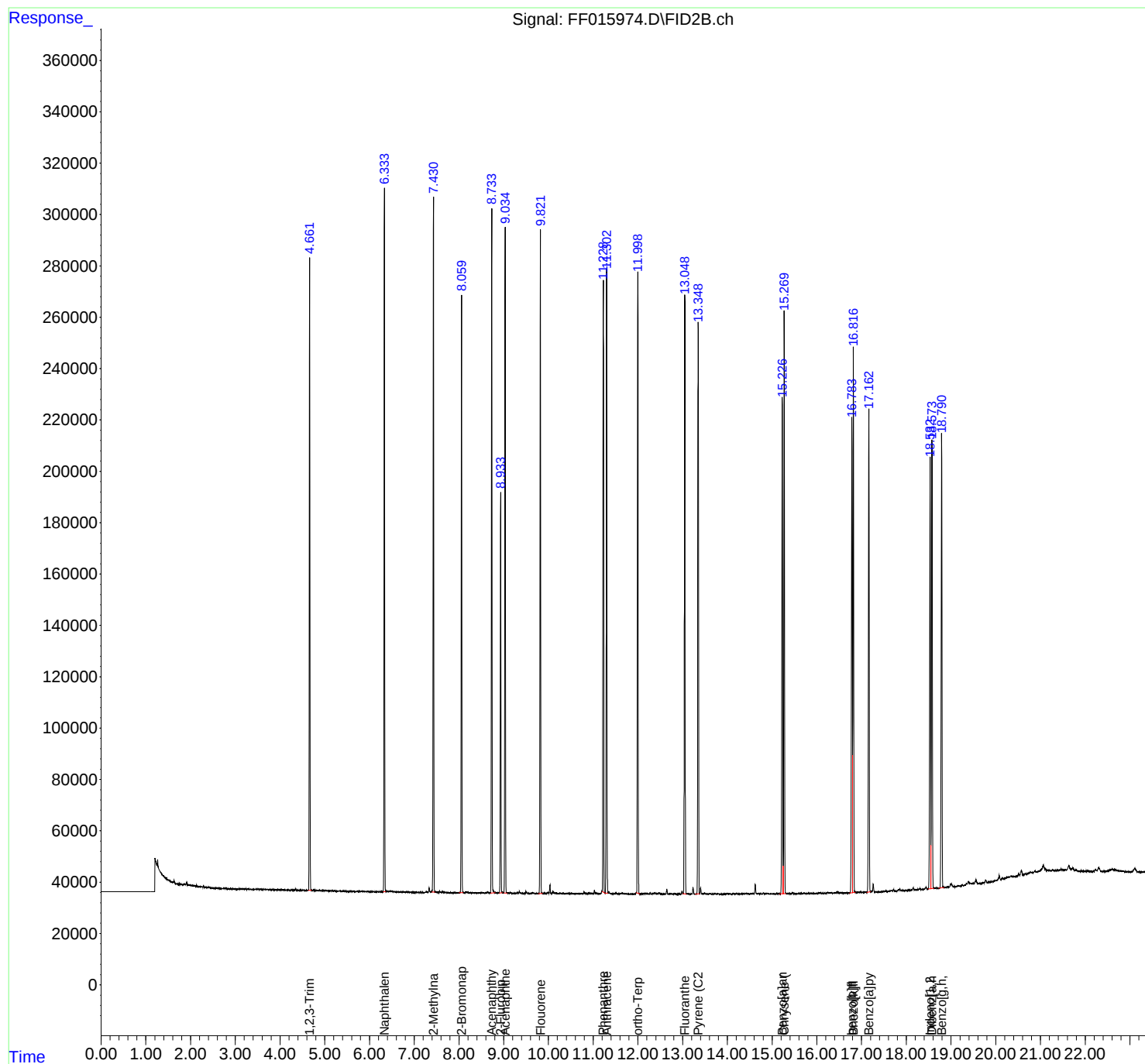
(m)=manual int.

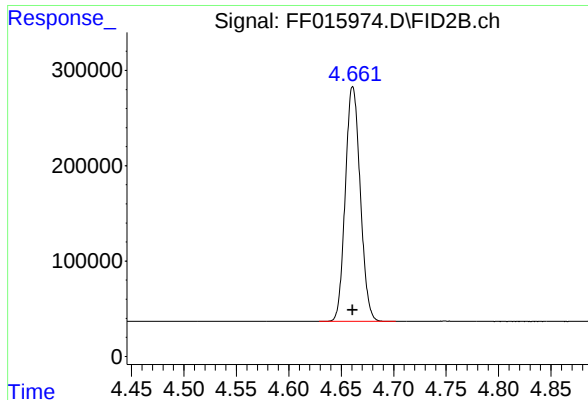
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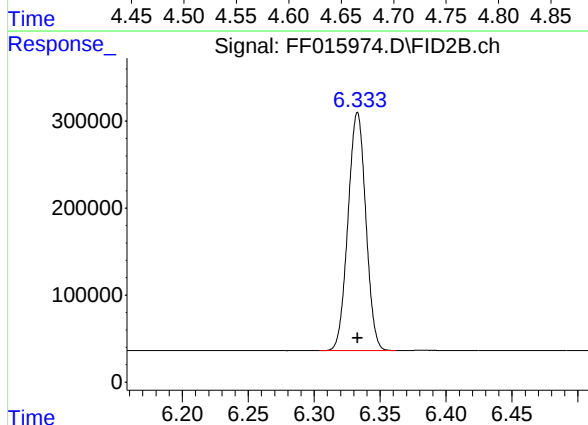




#1 1,2,3-Trimethylbenzene (C10.1)

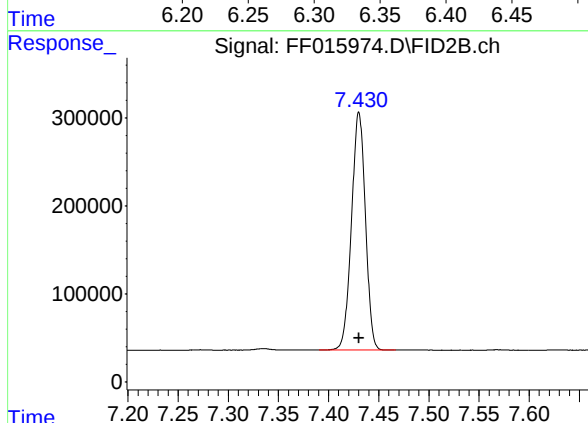
R.T.: 4.661 min
Delta R.T.: 0.000 min
Response: 2440035
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



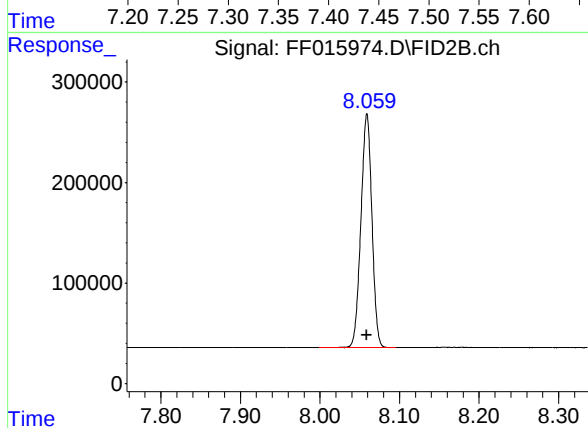
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 2576262
Conc: 20.00 ug/ml



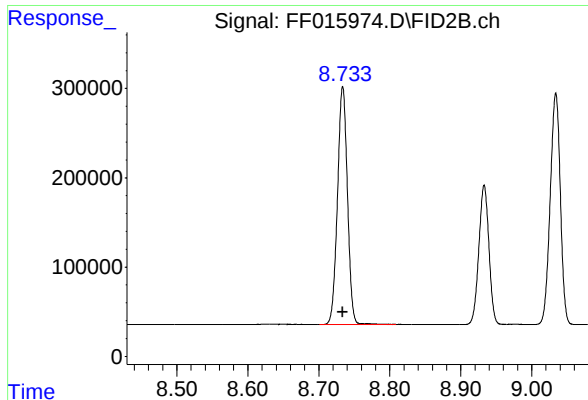
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 2610985
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

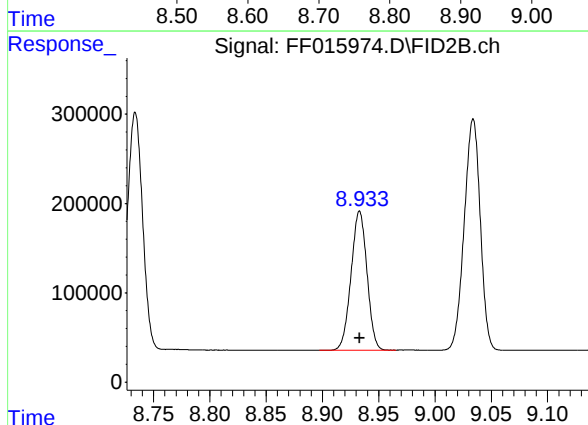
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 2231889
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

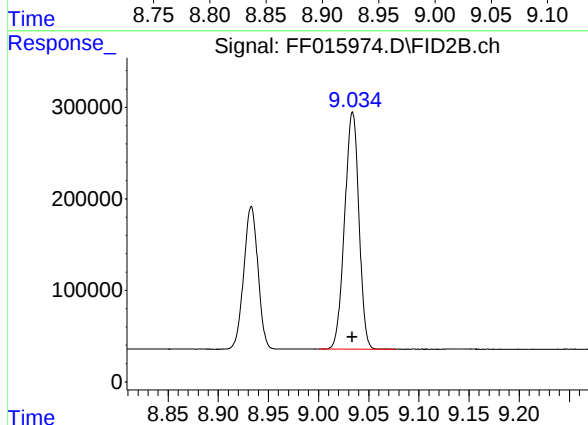
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 2591437
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



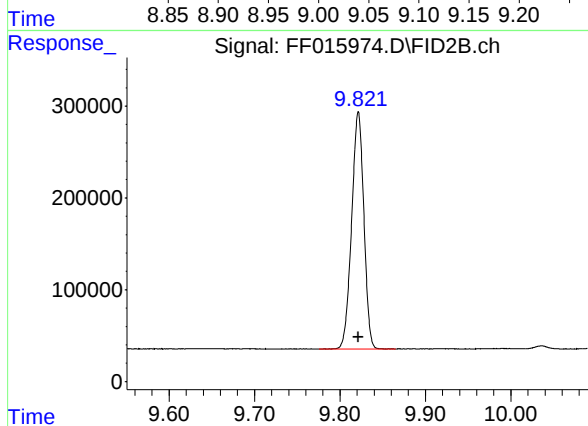
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.933 min
Delta R.T.: 0.000 min
Response: 1532487
Conc: 20.00 ug/ml



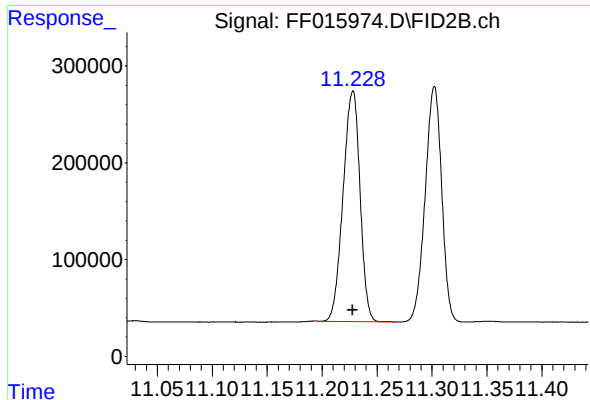
#7 Acenaphthene (C15.5)

R.T.: 9.034 min
Delta R.T.: 0.000 min
Response: 2571279
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

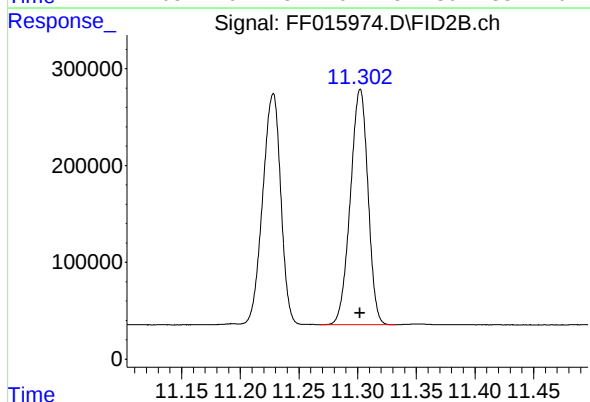
R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2561063
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

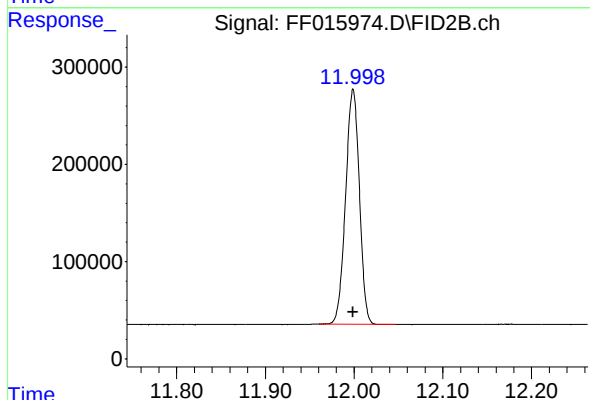
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 2548528
Conc: 20.00 ug/ml

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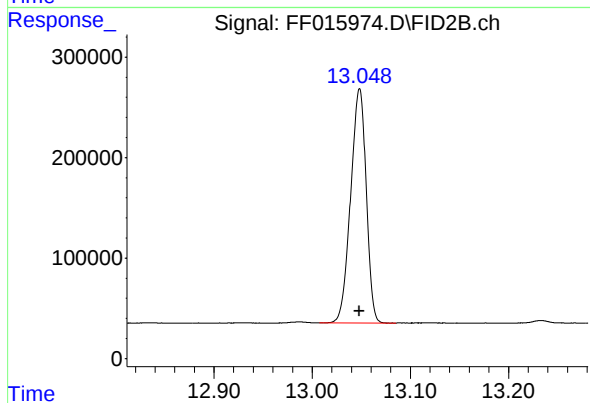
#10 Anthracene (C19.43)

R.T.: 11.302 min
Delta R.T.: 0.000 min
Response: 2544050
Conc: 20.00 ug/ml



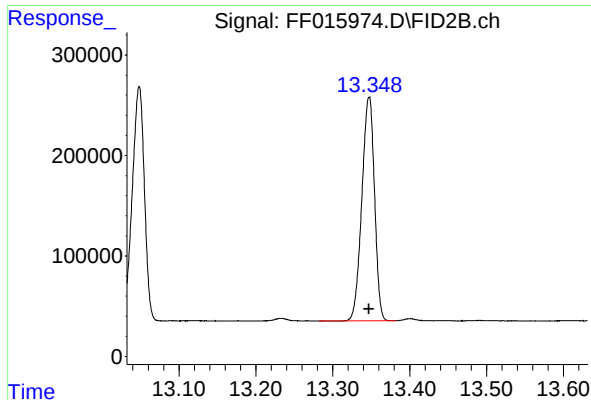
#11 ortho-Terphenyl (SURR)

R.T.: 11.999 min
Delta R.T.: 0.000 min
Response: 2606202
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

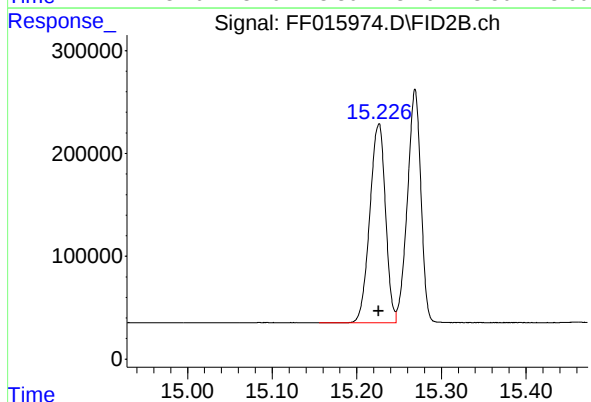
R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 2570710
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

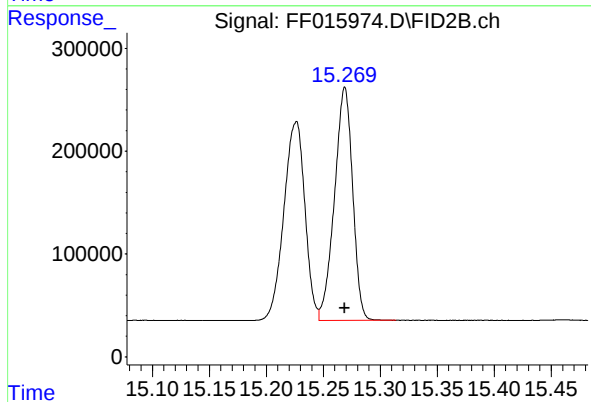
R.T.: 13.347 min
Delta R.T.: 0.000 min
Response: 2548343
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



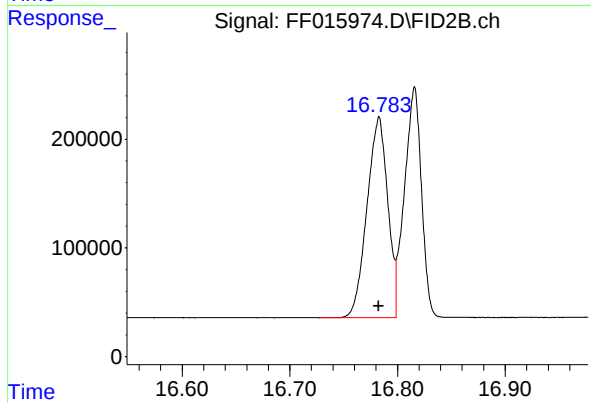
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.226 min
Delta R.T.: 0.000 min
Response: 2483314
Conc: 20.00 ug/ml



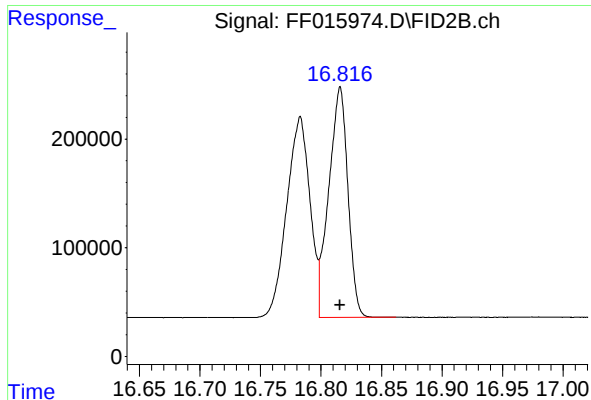
#15 Chrysene (C27.41)

R.T.: 15.269 min
Delta R.T.: 0.000 min
Response: 2510387
Conc: 20.00 ug/ml



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

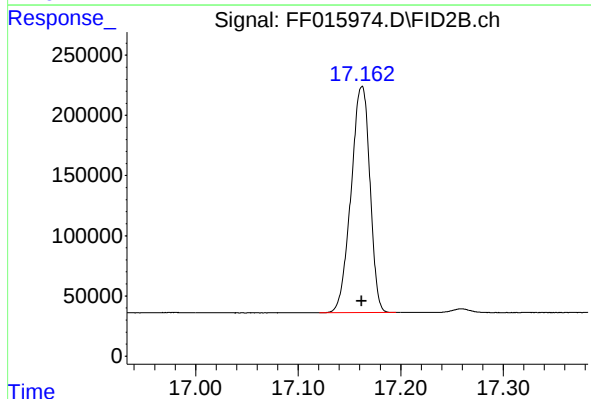
R.T.: 16.783 min
Delta R.T.: 0.000 min
Response: 2467425
Conc: 20.00 ug/ml



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

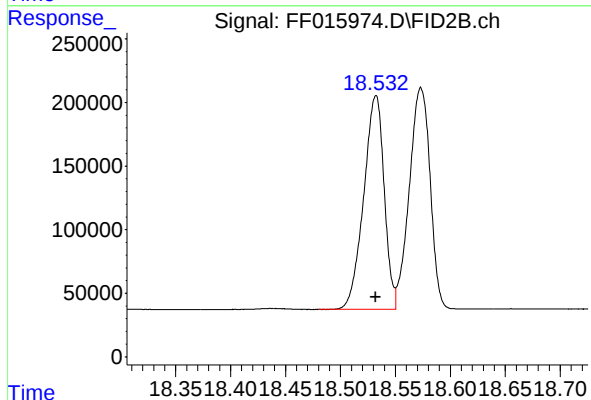
R.T.: 16.816 min
Delta R.T.: 0.000 min
Response: 2330626
Conc: 20.00 ug/ml

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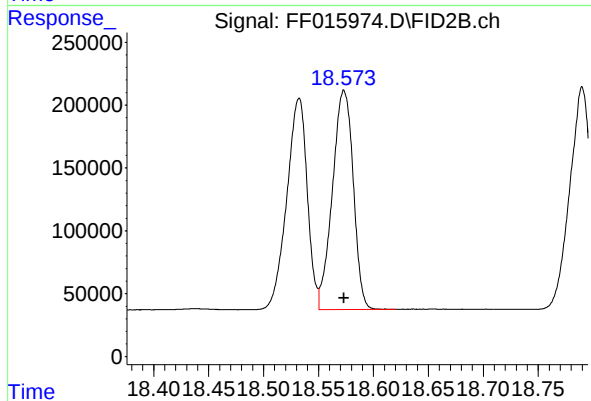
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.162 min
Delta R.T.: 0.000 min
Response: 2405879
Conc: 20.00 ug/ml



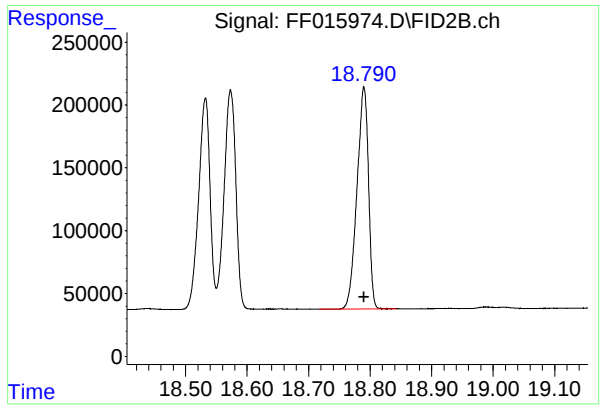
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 2177865
Conc: 20.00 ug/ml



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

R.T.: 18.573 min
Delta R.T.: 0.000 min
Response: 2296931
Conc: 20.00 ug/ml



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

R.T.: 18.790 min

Delta R.T.: 0.000 min

Response: 2292840

Conc: 20.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD3