

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111225AR\
 Data File : FF016656.D
 Signal(s) : FID2B.ch
 Acq On : 12 Nov 2025 13:15
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 05:17:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 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...	8.013	2207298	19.478 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
6) S 2-Fluorobiphenyl (SURR)	8.889	1420907	19.923 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.85%
11) S ortho-Terphenyl (SURR)	11.956	2730228	18.592 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.607	2593281	19.700 ug/ml
2) T Naphthalene (C11.7)	6.284	2616167	19.776 ug/ml
3) T 2-Methylnaphthalene (...)	7.383	2627414	19.765 ug/ml
5) T Acenaphthylene (C15.06)	8.689	2571103	19.031 ug/ml
7) T Acenaphthene (C15.5)	8.988	2661562	19.362 ug/ml
8) T Flouorene (C16.55)	9.778	2526960	19.410 ug/ml
9) T Phenanthrene (C19.36)	11.187	2504760	18.943 ug/ml
10) T Anthracene (C19.43)	11.261	2334538	17.228 ug/ml
12) T Fluoranthene (C21.85)	13.011	2516921	18.340 ug/ml
13) T Pyrene (C20.8)	13.309	2435012	17.768 ug/ml
14) T Benzo[a]anthracene (C...	15.195	2162738	18.990 ug/ml
15) T Chrysene (C27.41)	15.237	2514772	17.821 ug/ml
16) T benzo[b]fluoranthene ...	16.759	2235521	20.115 ug/ml
17) T Bnezo[k]fluoranthene ...	16.790	2271135	18.594 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	2219954	20.227 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.517	2044248	23.756 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	2536280	19.259 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	2406046	22.704 ug/ml

(f)=RT Delta > 1/2 Window

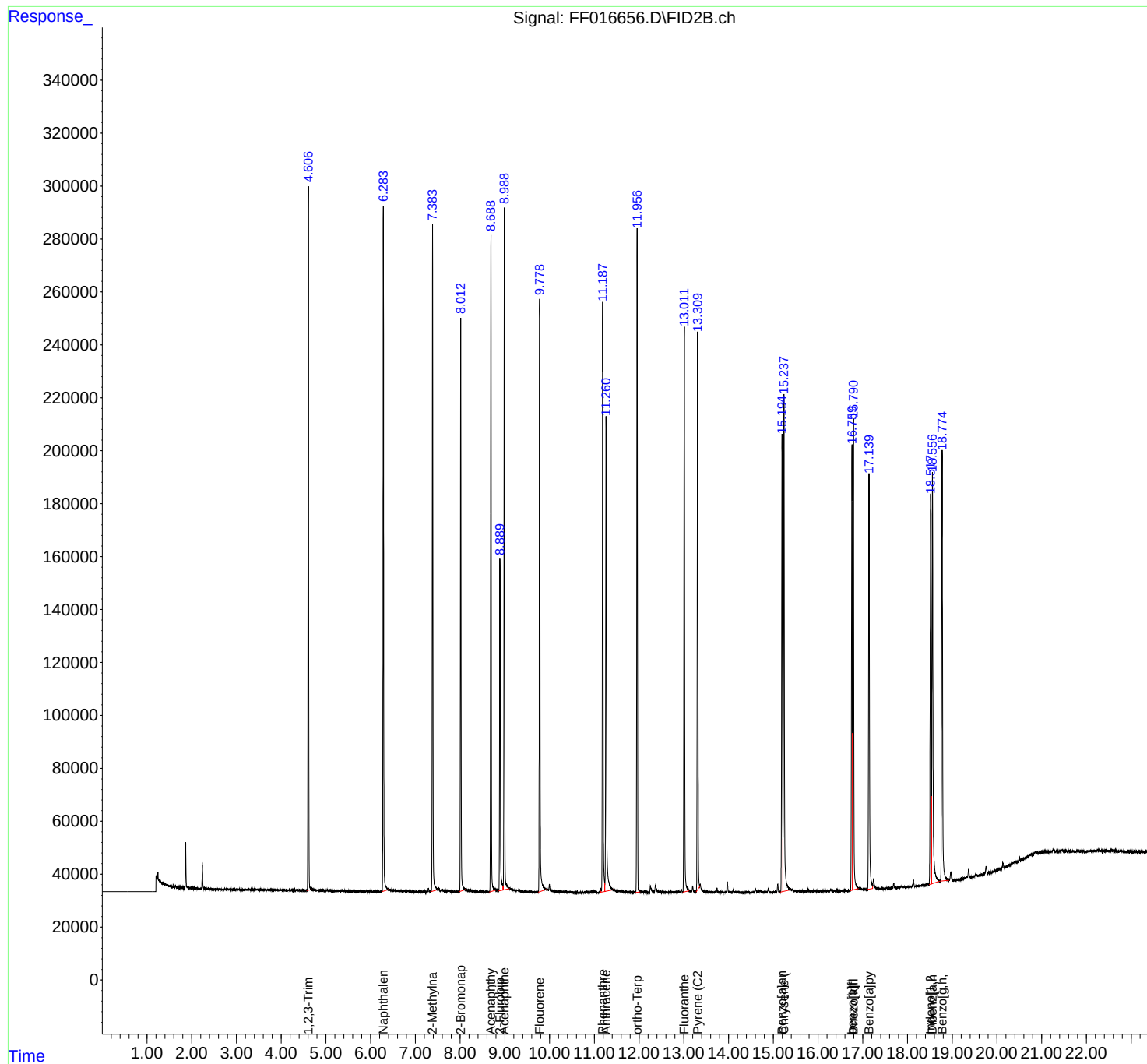
(m)=manual int.

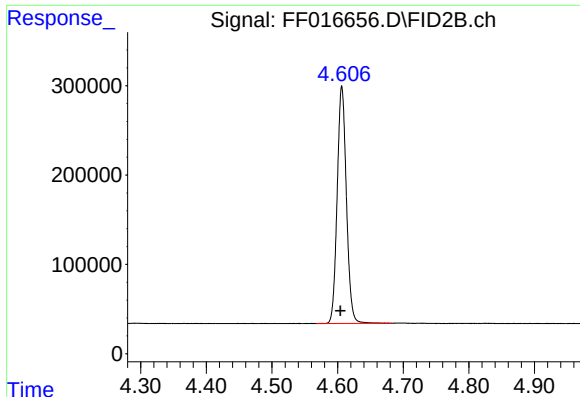
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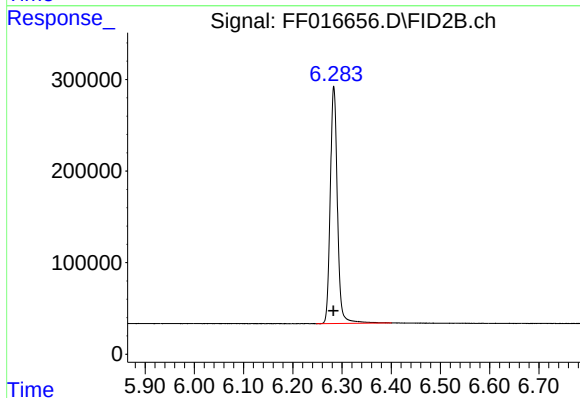




#1 1,2,3-Trimethylbenzene (C10.1)

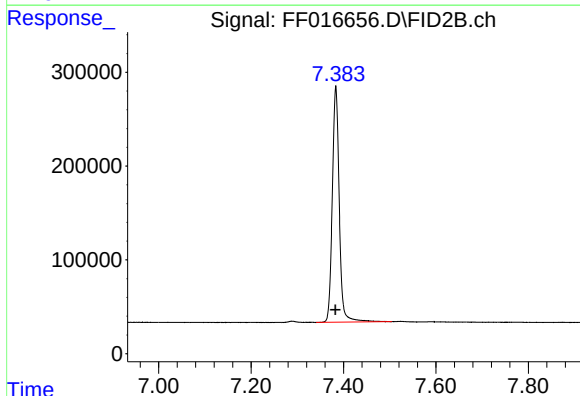
R.T.: 4.607 min
Delta R.T.: 0.003 min
Response: 2593281
Conc: 19.70 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



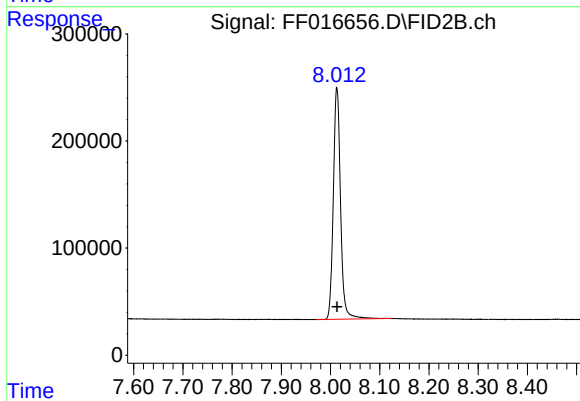
#2 Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 2616167
Conc: 19.78 ug/ml



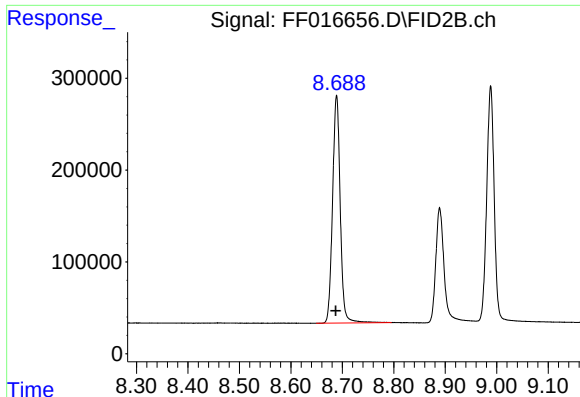
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: 0.000 min
Response: 2627414
Conc: 19.76 ug/ml



#4 2-Bromonaphthalene (SURR)

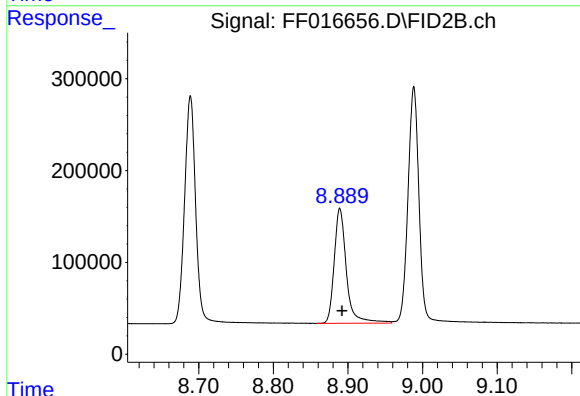
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 2207298
Conc: 19.48 ug/ml



#5 Acenaphthylene (C15.06)

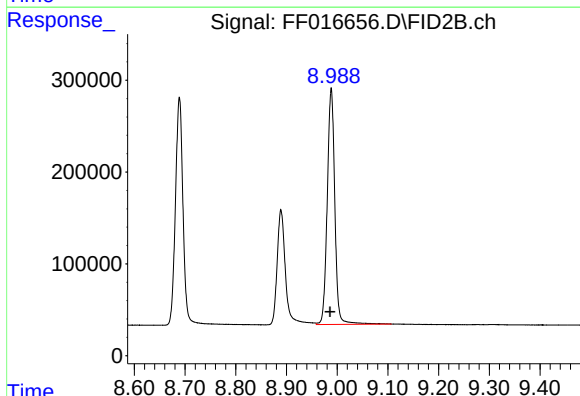
R.T.: 8.689 min
Delta R.T.: 0.002 min
Response: 2571103
Conc: 19.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



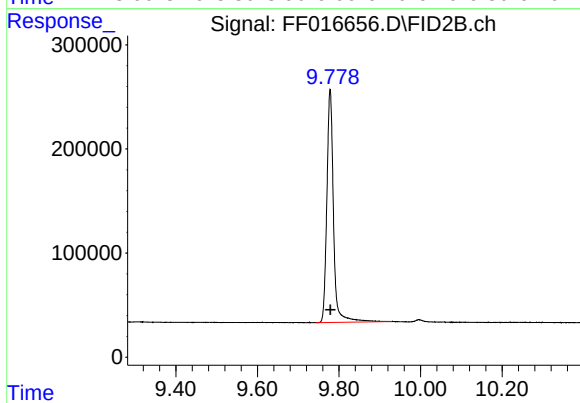
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.889 min
Delta R.T.: -0.003 min
Response: 1420907
Conc: 19.92 ug/ml



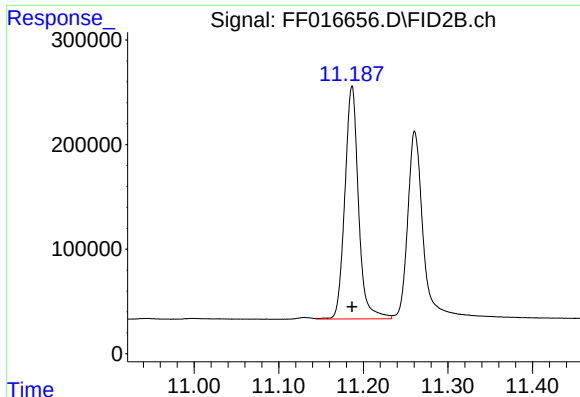
#7 Acenaphthene (C15.5)

R.T.: 8.988 min
Delta R.T.: 0.002 min
Response: 2661562
Conc: 19.36 ug/ml



#8 Fluorene (C16.55)

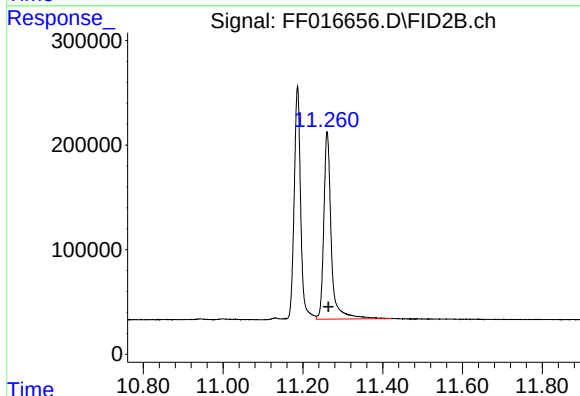
R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2526960
Conc: 19.41 ug/ml



#9 Phenanthrene (C19.36)

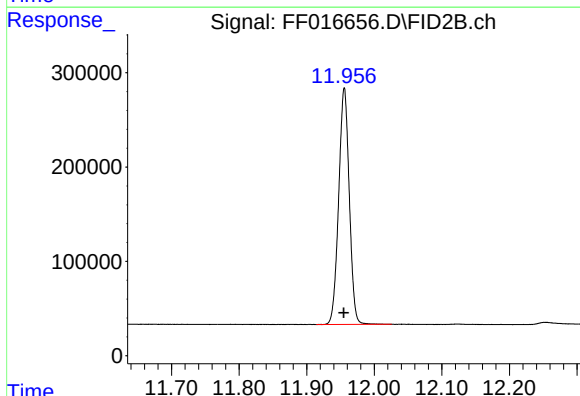
R.T.: 11.187 min
Delta R.T.: 0.000 min
Response: 2504760
Conc: 18.94 ug/ml

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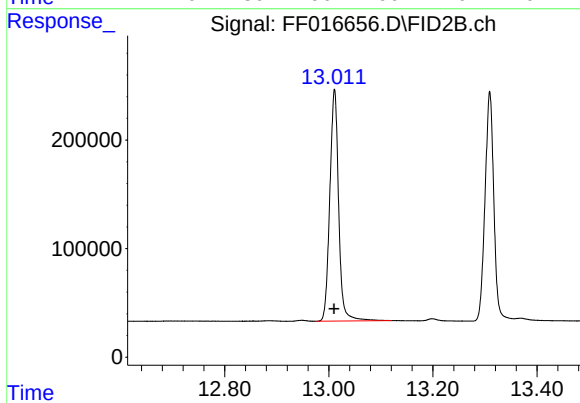
#10 Anthracene (C19.43)

R.T.: 11.261 min
Delta R.T.: -0.003 min
Response: 2334538
Conc: 17.23 ug/ml



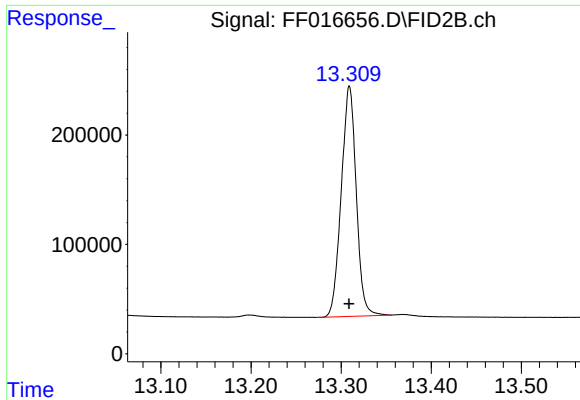
#11 ortho-Terphenyl (SURR)

R.T.: 11.956 min
Delta R.T.: 0.000 min
Response: 2730228
Conc: 18.59 ug/ml



#12 Fluoranthene (C21.85)

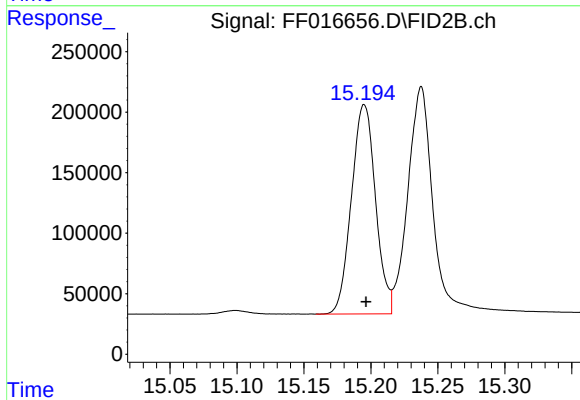
R.T.: 13.011 min
Delta R.T.: 0.000 min
Response: 2516921
Conc: 18.34 ug/ml



#13 Pyrene (C20.8)

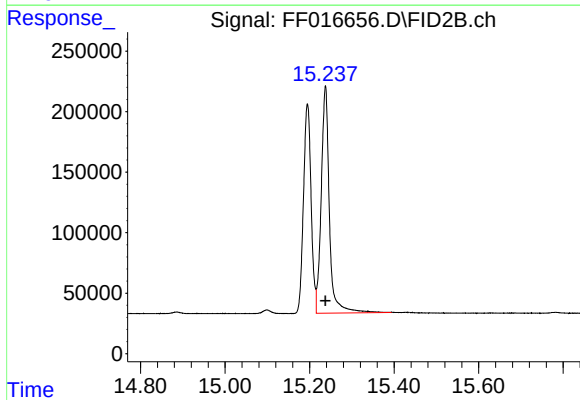
R.T.: 13.309 min
Delta R.T.: 0.000 min
Response: 2435012
Conc: 17.77 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



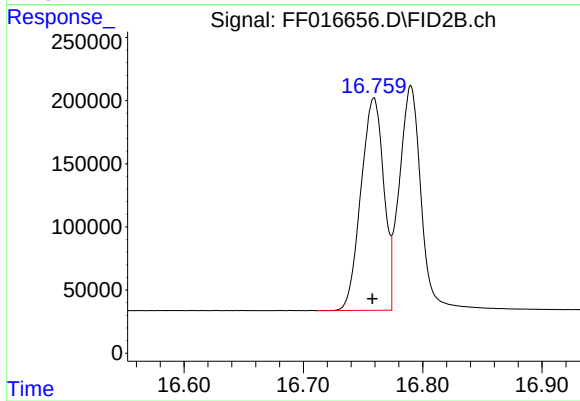
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.195 min
Delta R.T.: -0.001 min
Response: 2162738
Conc: 18.99 ug/ml



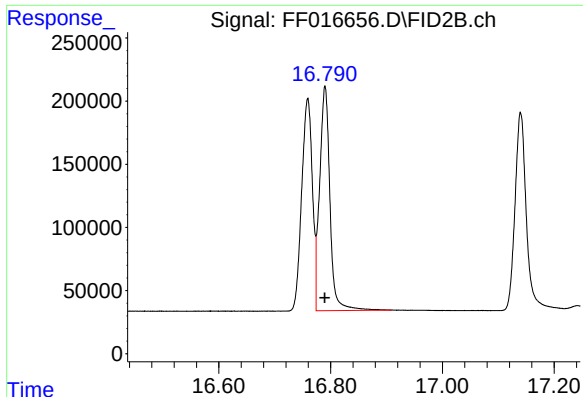
#15 Chrysene (C27.41)

R.T.: 15.237 min
Delta R.T.: 0.000 min
Response: 2514772
Conc: 17.82 ug/ml



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

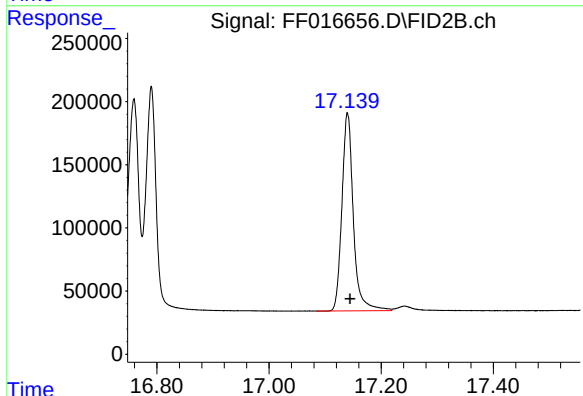
R.T.: 16.759 min
Delta R.T.: 0.001 min
Response: 2235521
Conc: 20.11 ug/ml



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

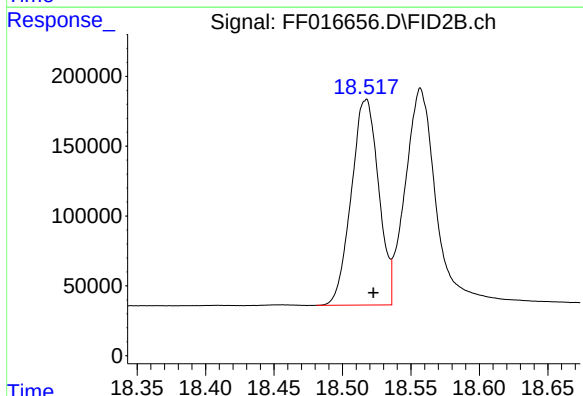
R.T.: 16.790 min
Delta R.T.: 0.000 min
Response: 2271135
Conc: 18.59 ug/ml

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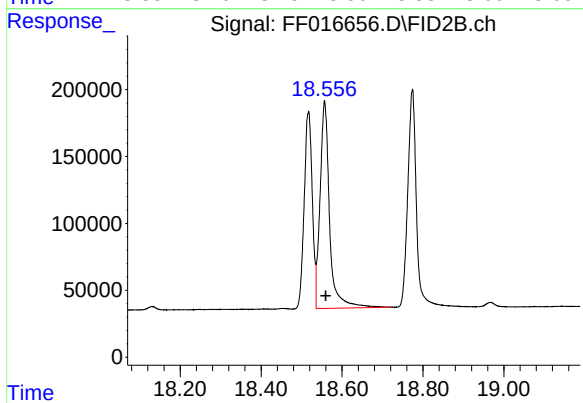
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 2219954
Conc: 20.23 ug/ml



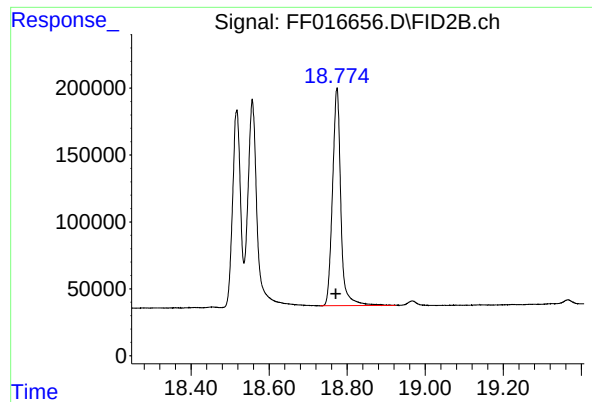
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.517 min
Delta R.T.: -0.006 min
Response: 2044248
Conc: 23.76 ug/ml



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

R.T.: 18.557 min
Delta R.T.: -0.003 min
Response: 2536280
Conc: 19.26 ug/ml



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

R.T.: 18.774 min
Delta R.T.: 0.003 min
Response: 2406046
Conc: 22.70 ug/ml

Instrument :

FID_F

ClientSampleId :

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