

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016434.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 15:28
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 24 16:21:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:21:45 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...	8.031	1481517	11.695 ug/ml
Spiked Amount 50.000		Recovery =	23.39%
6) S 2-Fluorobiphenyl (SURR)	8.907	988395	11.491 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.98%
11) S ortho-Terphenyl (SURR)	11.974	1809727	11.932 ug/ml
Spiked Amount 50.000		Recovery =	23.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.627	1662196	11.804 ug/ml
2) T Naphthalene (C11.7)	6.302	1716476	11.705 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	1742677	11.695 ug/ml
5) T Acenaphthylene (C15.06)	8.707	1714200	11.690 ug/ml
7) T Acenaphthene (C15.5)	9.007	1683417	11.615 ug/ml
8) T Flouorene (C16.55)	9.796	1736875	11.832 ug/ml
9) T Phenanthrene (C19.36)	11.204	1732603	11.805 ug/ml
10) T Anthracene (C19.43)	11.280	1733091	12.168 ug/ml
12) T Fluoranthene (C21.85)	13.029	1749056	11.979 ug/ml
13) T Pyrene (C20.8)	13.328	1709506	11.912 ug/ml
14) T Benzo[a]anthracene (C...	15.211	1649438	12.058 ug/ml
15) T Chrysene (C27.41)	15.254	1745210	12.360 ug/ml
16) T benzo[b]fluoranthene ...	16.773	1594531	12.074 ug/ml
17) T Bnezo[k]fluoranthene ...	16.804	1540396	12.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.153	1570961	12.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	1351251	11.733 ug/ml
20) T Dibenz[a,h]anthracene...	18.568	1619900	12.746 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	1490189	12.149 ug/ml

(f)=RT Delta > 1/2 Window

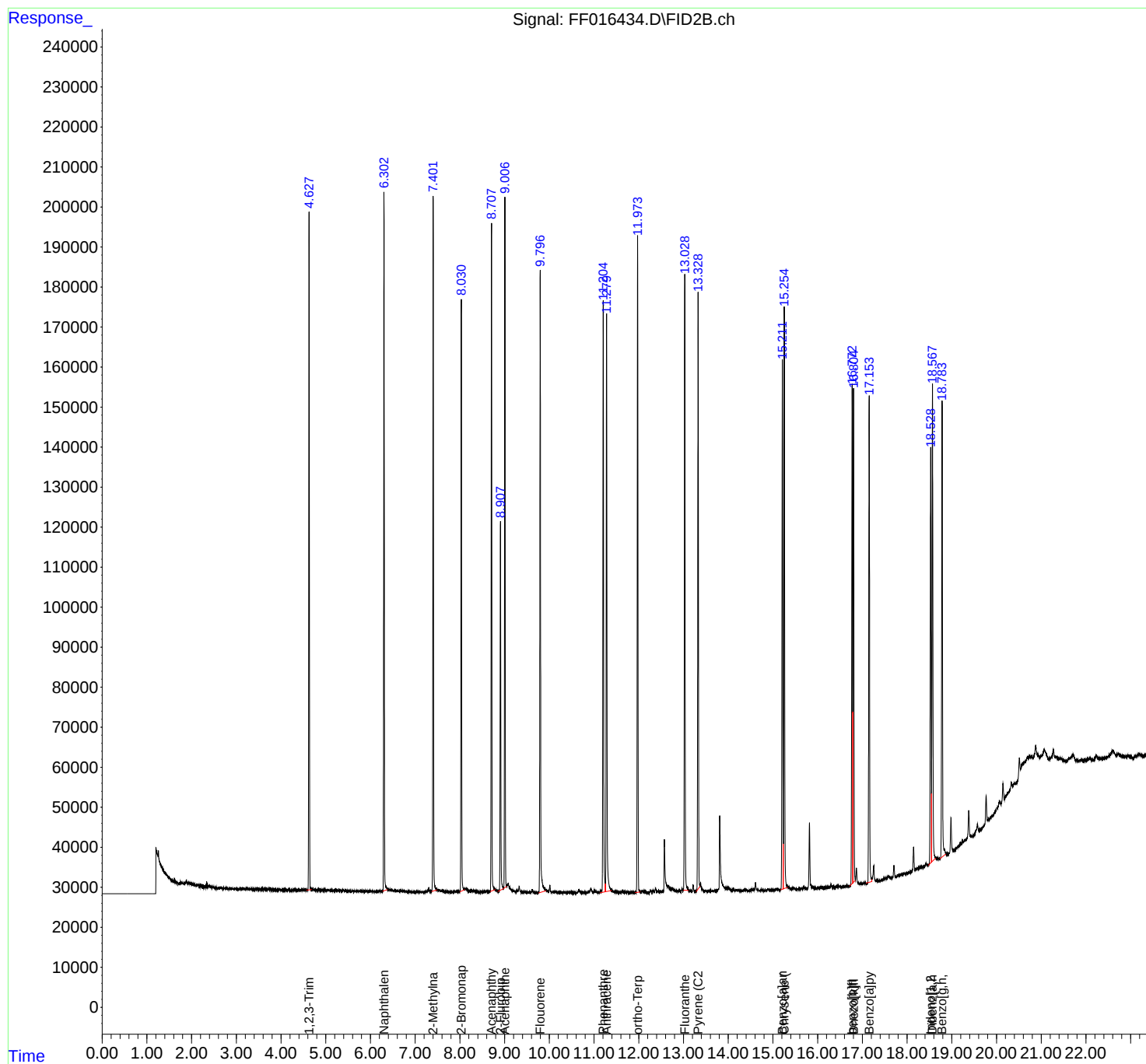
(m)=manual int.

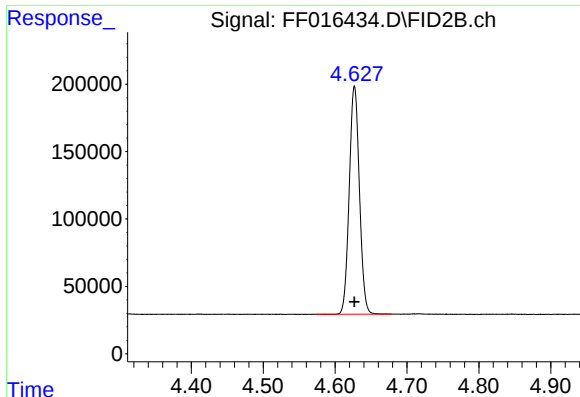
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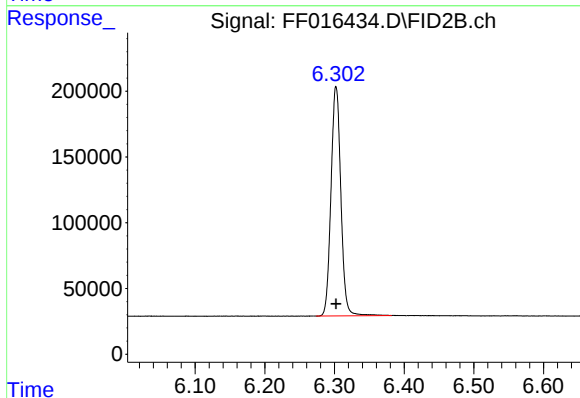




#1 1,2,3-Trimethylbenzene (C10.1)

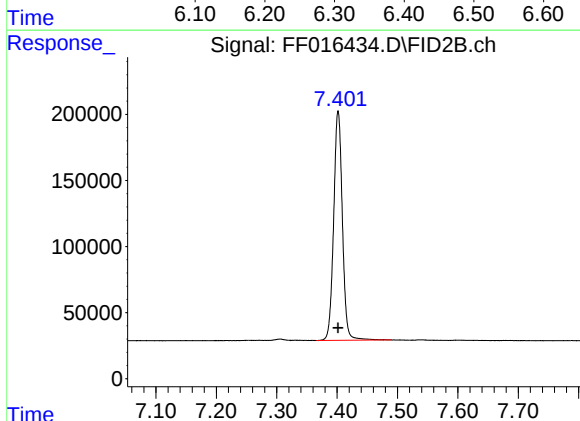
R.T.: 4.627 min
Delta R.T.: 0.000 min
Response: 1662196
Conc: 11.80 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



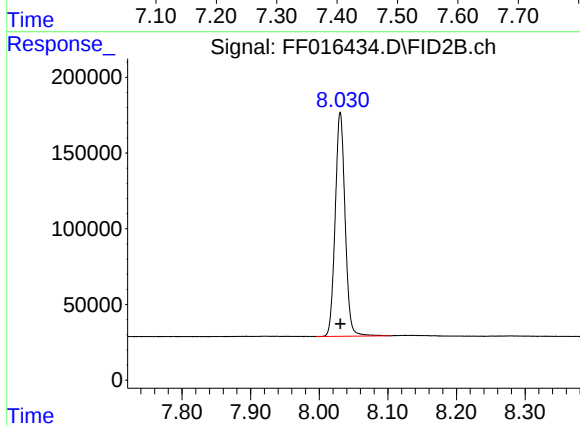
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 1716476
Conc: 11.71 ug/ml



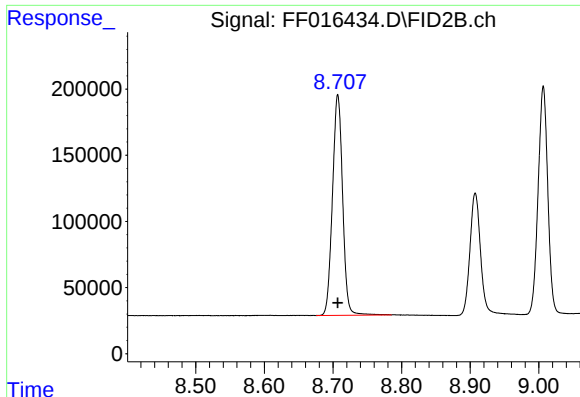
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 1742677
Conc: 11.70 ug/ml



#4 2-Bromonaphthalene (SURR)

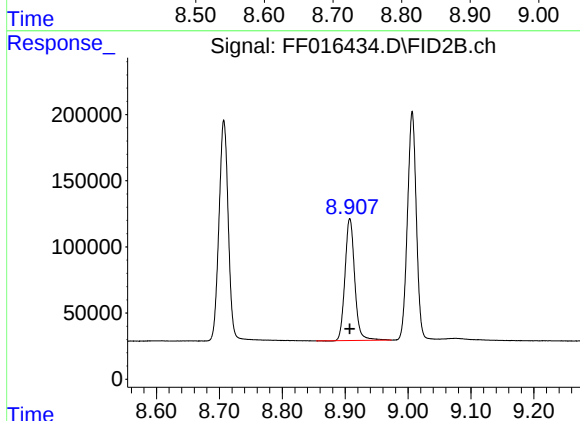
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 1481517
Conc: 11.70 ug/ml



#5 Acenaphthylene (C15.06)

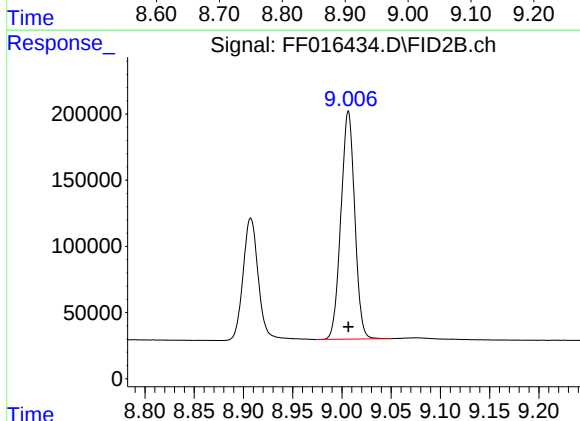
R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 1714200
Conc: 11.69 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



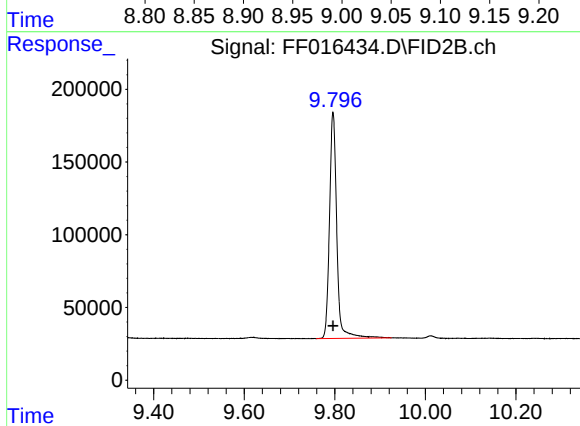
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 988395
Conc: 11.49 ug/ml



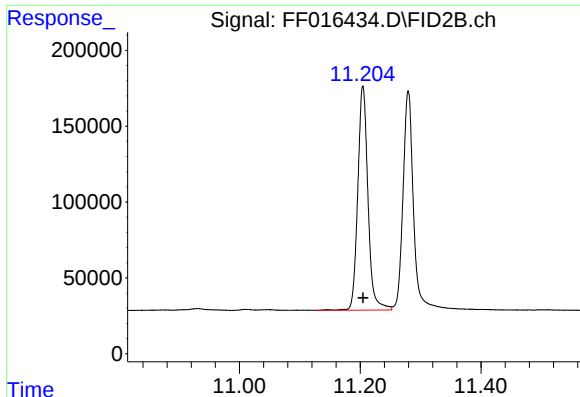
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: 0.000 min
Response: 1683417
Conc: 11.62 ug/ml



#8 Flouorene (C16.55)

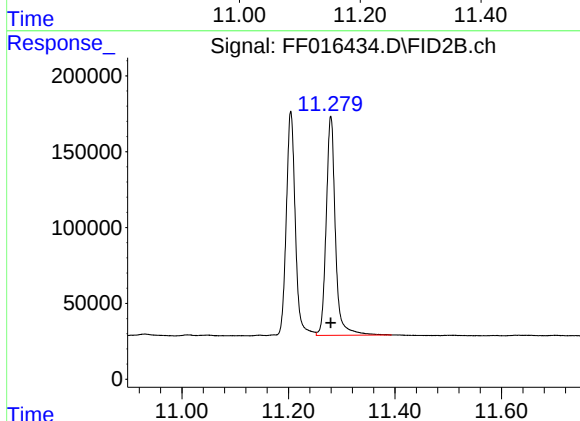
R.T.: 9.796 min
Delta R.T.: 0.000 min
Response: 1736875
Conc: 11.83 ug/ml



#9 Phenanthrene (C19.36)

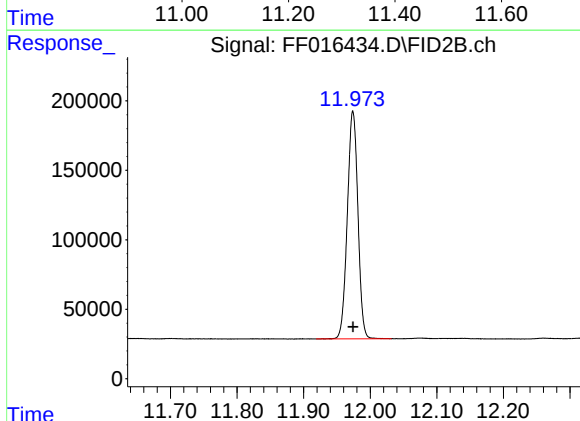
R.T.: 11.204 min
Delta R.T.: 0.000 min
Response: 1732603
Conc: 11.81 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



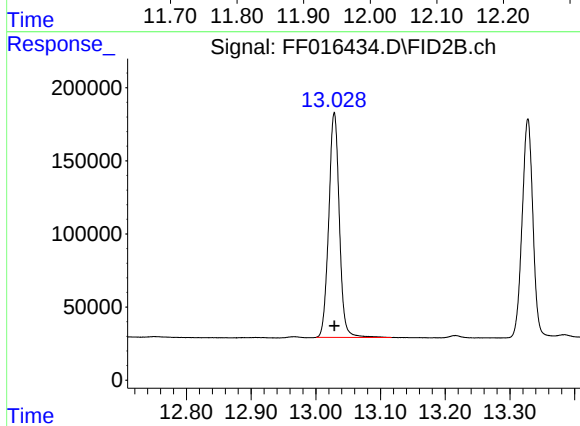
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 1733091
Conc: 12.17 ug/ml



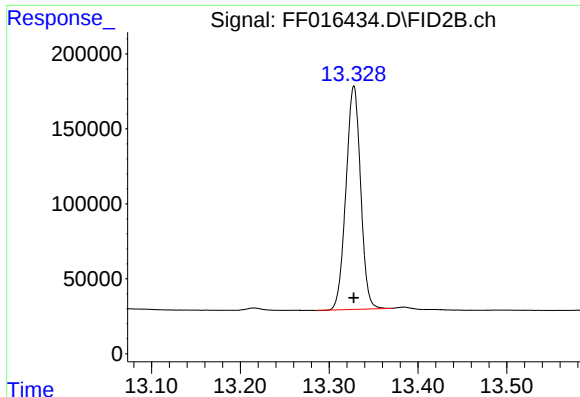
#11 ortho-Terphenyl (SURR)

R.T.: 11.974 min
Delta R.T.: 0.000 min
Response: 1809727
Conc: 11.93 ug/ml



#12 Fluoranthene (C21.85)

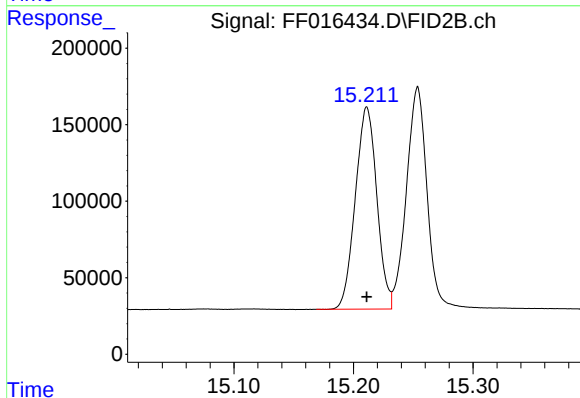
R.T.: 13.029 min
Delta R.T.: 0.000 min
Response: 1749056
Conc: 11.98 ug/ml



#13 Pyrene (C20.8)

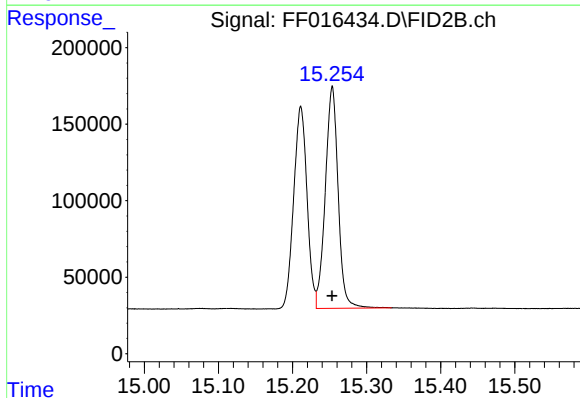
R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 1709506
Conc: 11.91 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



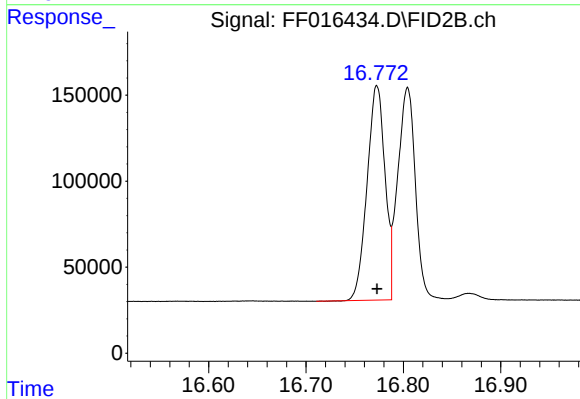
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.211 min
Delta R.T.: 0.000 min
Response: 1649438
Conc: 12.06 ug/ml



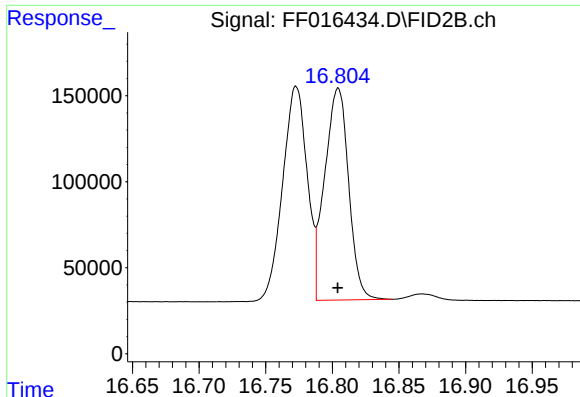
#15 Chrysene (C27.41)

R.T.: 15.254 min
Delta R.T.: 0.000 min
Response: 1745210
Conc: 12.36 ug/ml



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

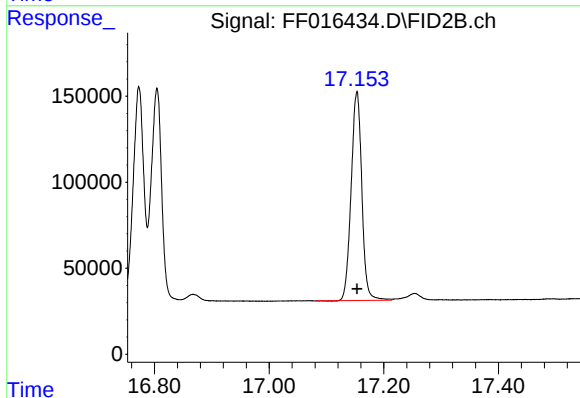
R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 1594531
Conc: 12.07 ug/ml



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

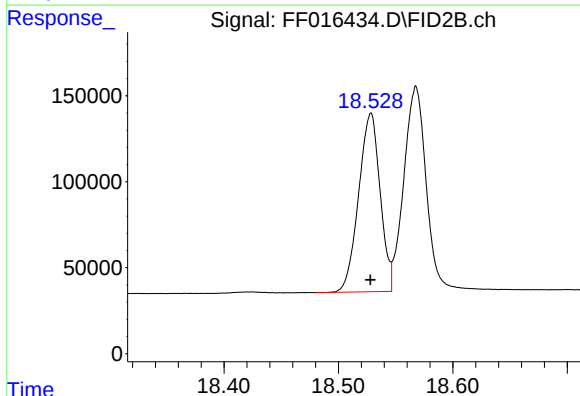
R.T.: 16.804 min
Delta R.T.: 0.000 min
Response: 1540396
Conc: 12.30 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



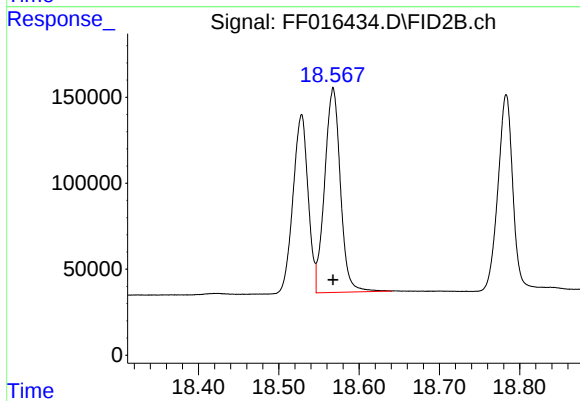
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.153 min
Delta R.T.: 0.000 min
Response: 1570961
Conc: 12.29 ug/ml



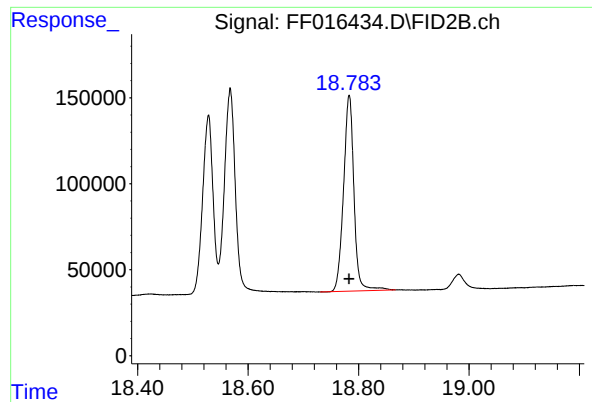
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min
Delta R.T.: 0.000 min
Response: 1351251
Conc: 11.73 ug/ml



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

R.T.: 18.568 min
Delta R.T.: 0.000 min
Response: 1619900
Conc: 12.75 ug/ml



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

R.T.: 18.783 min
Delta R.T.: 0.000 min
Response: 1490189
Conc: 12.15 ug/ml

Instrument :
FID_F
ClientSampleId :
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