

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016518.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 15:50
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 03 04:06:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

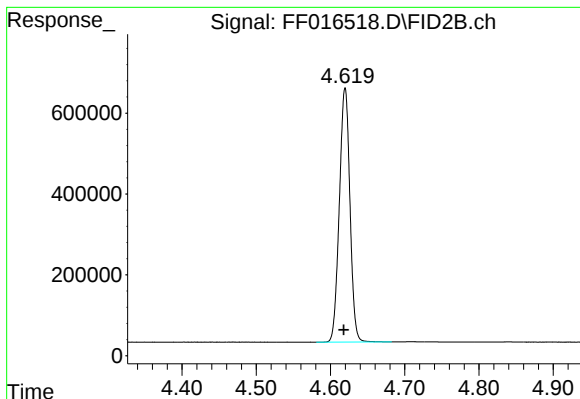
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.027	5716020	52.855 ug/ml
Spiked Amount 50.000		Recovery =	105.71%
6) S 2-Fluorobiphenyl (SURR)	8.902	3938720	54.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.30%
11) S ortho-Terphenyl (SURR)	11.971	6930122	51.617 ug/ml
Spiked Amount 50.000		Recovery =	103.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.620	6225304	51.661 ug/ml
2) T Naphthalene (C11.7)	6.297	6565974	52.584 ug/ml
3) T 2-Methylnaphthalene (...)	7.397	6687924	52.606 ug/ml
5) T Acenaphthylene (C15.06)	8.703	6698916	52.718 ug/ml
7) T Acenaphthene (C15.5)	9.003	6695315	52.875 ug/ml
8) T Flouorene (C16.55)	9.793	6693801	52.916 ug/ml
9) T Phenanthrene (C19.36)	11.201	6800137	53.173 ug/ml
10) T Anthracene (C19.43)	11.277	6402602	50.765 ug/ml
12) T Fluoranthene (C21.85)	13.026	6823627	52.559 ug/ml
13) T Pyrene (C20.8)	13.326	6750237	53.703 ug/ml
14) T Benzo[a]anthracene (C...	15.211	6495814	54.233 ug/ml
15) T Chrysene (C27.41)	15.255	6650130	51.429 ug/ml
16) T benzo[b]fluoranthene ...	16.774	6337802	54.153 ug/ml
17) T Bnezo[k]fluoranthene ...	16.809	5967800	51.277 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.156	6043532	52.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.531	5364467	54.834 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	6069846	49.792 ug/ml
21) T Benzo[g,h,i]perylene ...	18.790	5646198	52.410 ug/ml

(f)=RT Delta > 1/2 Window

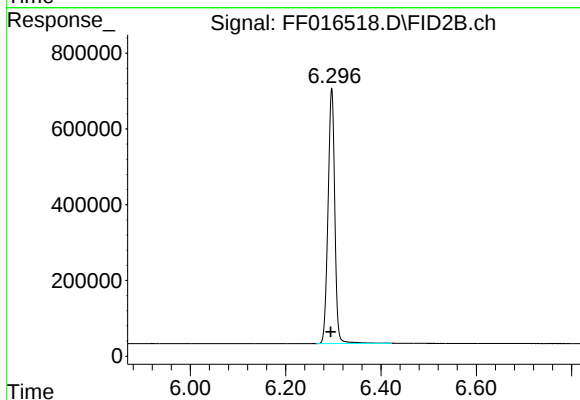
(m)=manual int.



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

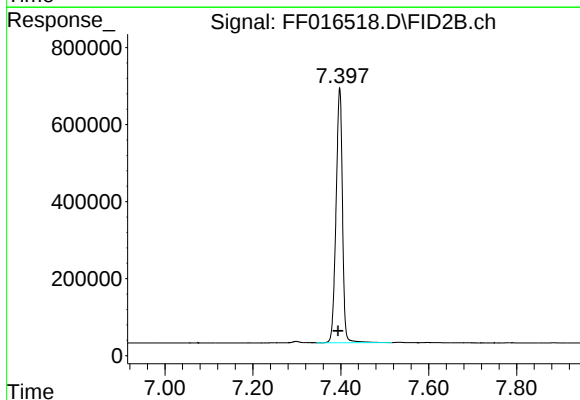
R.T.: 4.620 min
Delta R.T.: 0.002 min
Response: 6225304
Conc: 51.66 ug/ml

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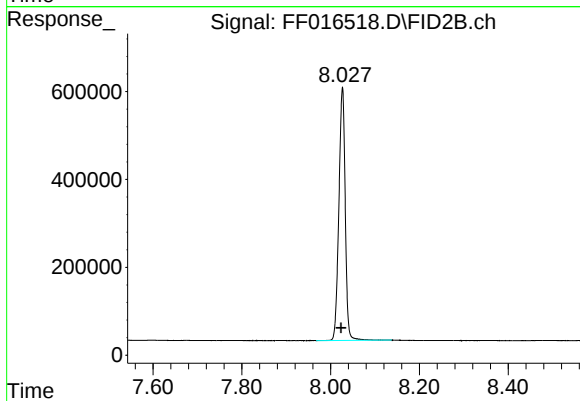
#2 Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 6565974
Conc: 52.58 ug/ml



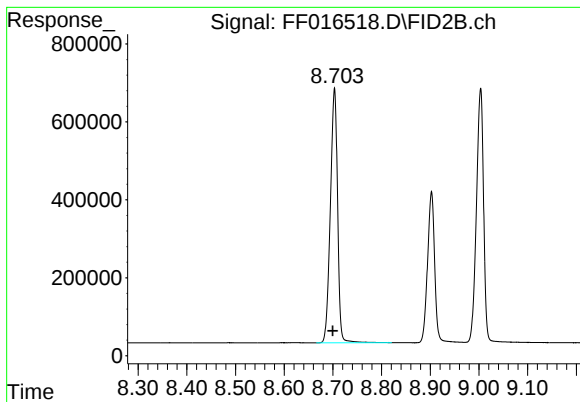
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 6687924
Conc: 52.61 ug/ml



#4 2-Bromonaphthalene (SURR)

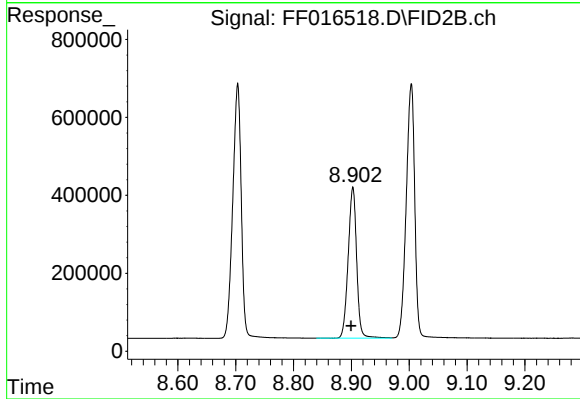
R.T.: 8.027 min
Delta R.T.: 0.003 min
Response: 5716020
Conc: 52.86 ug/ml



#5 Acenaphthylene (C15.06)

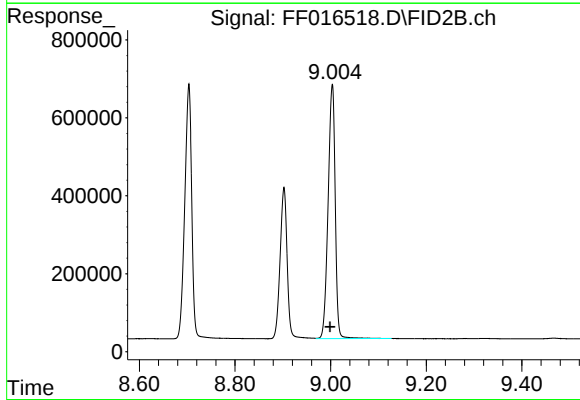
R.T.: 8.703 min
Delta R.T.: 0.004 min
Response: 6698916
Conc: 52.72 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



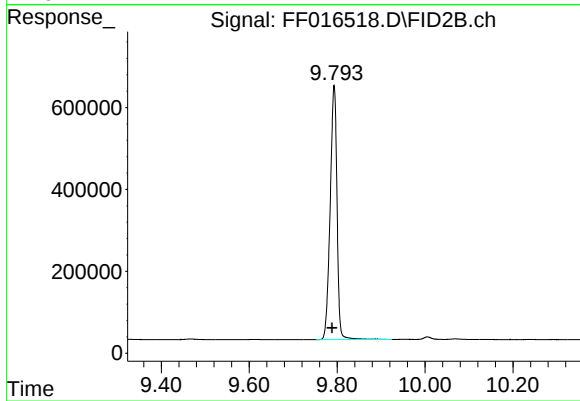
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.902 min
Delta R.T.: 0.003 min
Response: 3938720
Conc: 54.15 ug/ml



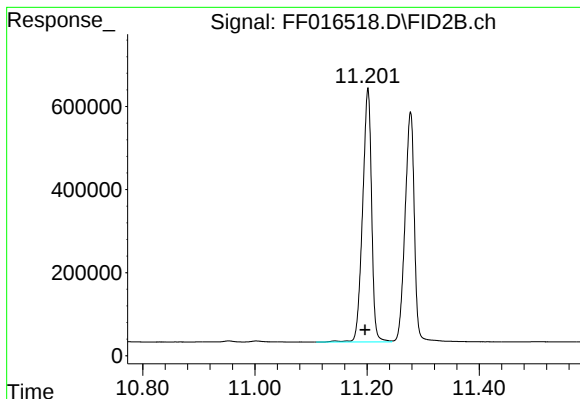
#7 Acenaphthene (C15.5)

R.T.: 9.003 min
Delta R.T.: 0.004 min
Response: 6695315
Conc: 52.87 ug/ml



#8 Fluorene (C16.55)

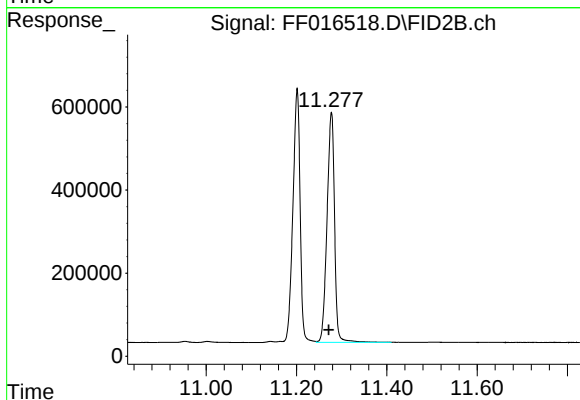
R.T.: 9.793 min
Delta R.T.: 0.004 min
Response: 6693801
Conc: 52.92 ug/ml



#9 Phenanthrene (C19.36)

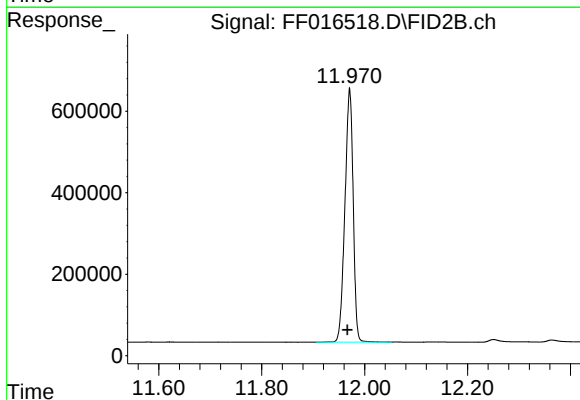
R.T.: 11.201 min
Delta R.T.: 0.005 min
Response: 6800137
Conc: 53.17 ug/ml

Instrument :
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ClientSampleId :
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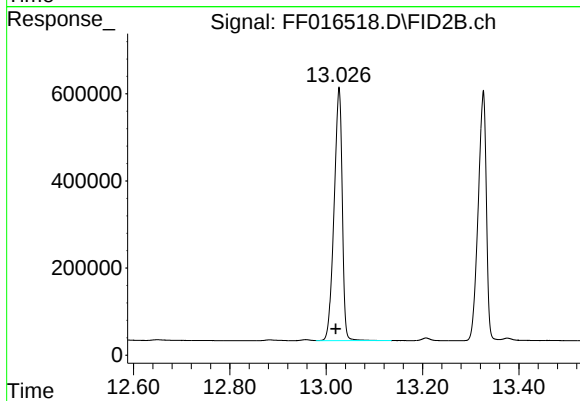
#10 Anthracene (C19.43)

R.T.: 11.277 min
Delta R.T.: 0.006 min
Response: 6402602
Conc: 50.76 ug/ml



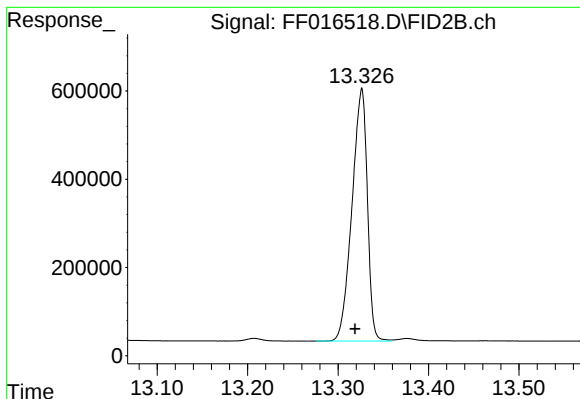
#11 ortho-Terphenyl (SURR)

R.T.: 11.971 min
Delta R.T.: 0.004 min
Response: 6930122
Conc: 51.62 ug/ml



#12 Fluoranthene (C21.85)

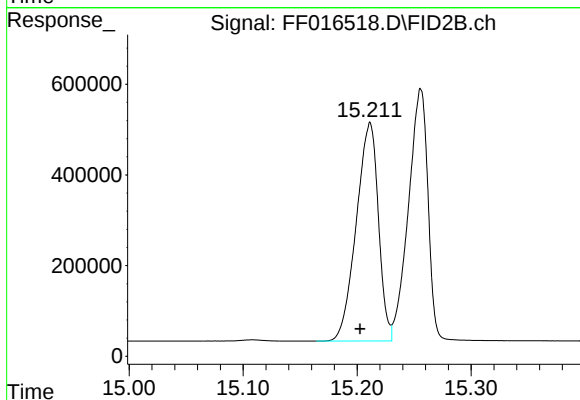
R.T.: 13.026 min
Delta R.T.: 0.006 min
Response: 6823627
Conc: 52.56 ug/ml



#13 Pyrene (C20.8)

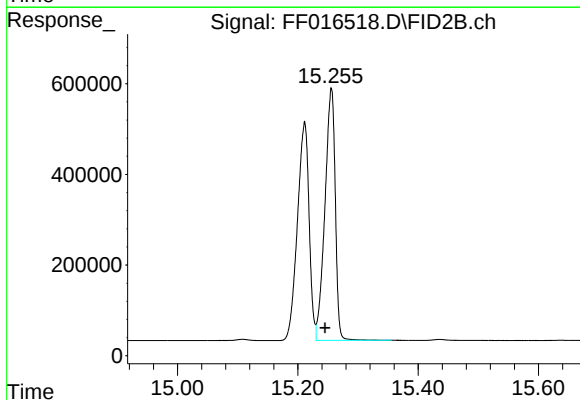
R.T.: 13.326 min
Delta R.T.: 0.007 min
Response: 6750237
Conc: 53.70 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



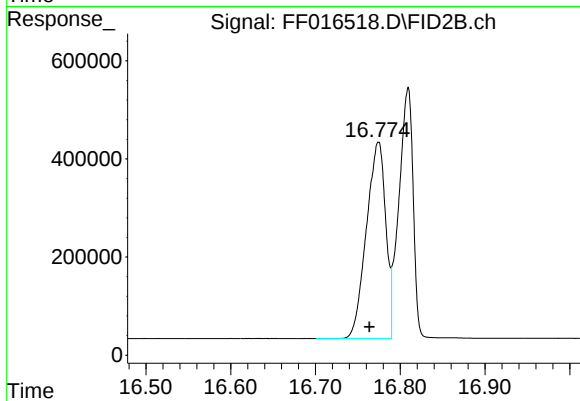
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.211 min
Delta R.T.: 0.008 min
Response: 6495814
Conc: 54.23 ug/ml



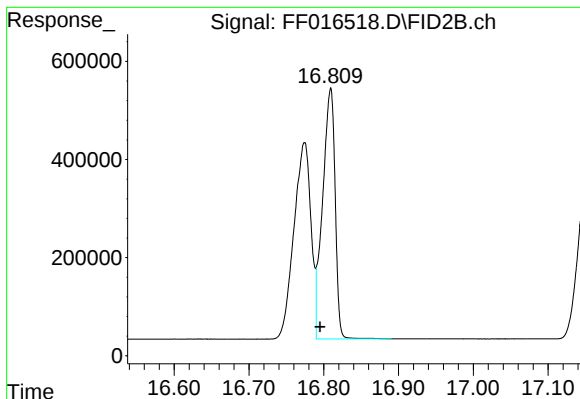
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: 0.010 min
Response: 6650130
Conc: 51.43 ug/ml



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

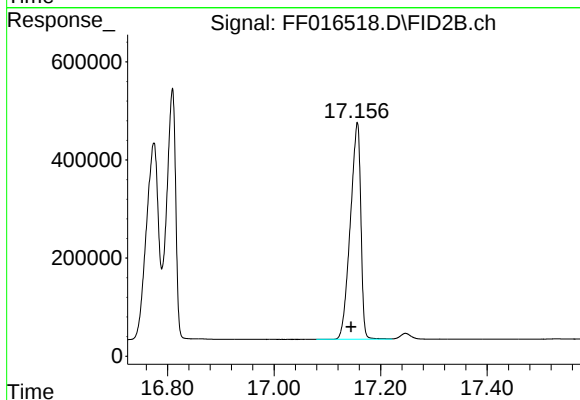
R.T.: 16.774 min
Delta R.T.: 0.010 min
Response: 6337802
Conc: 54.15 ug/ml



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

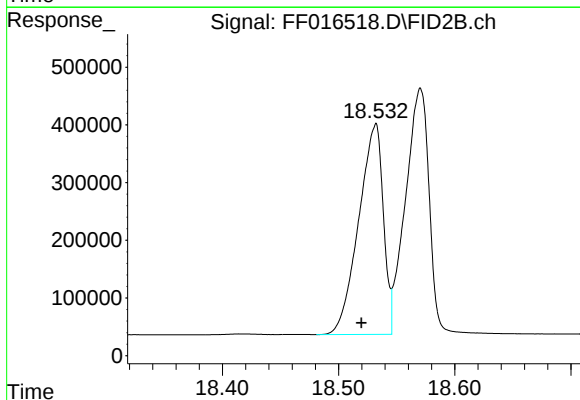
R.T.: 16.809 min
Delta R.T.: 0.014 min
Response: 5967800
Conc: 51.28 ug/ml

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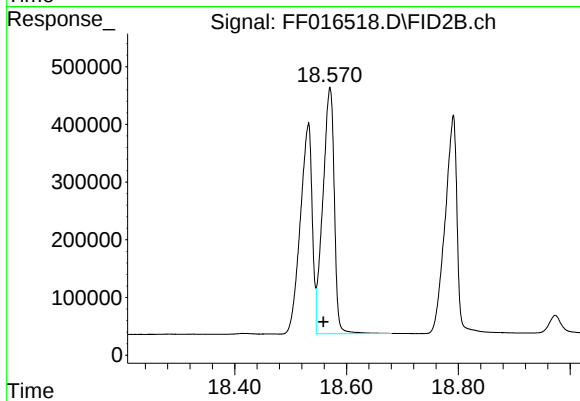
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.156 min
Delta R.T.: 0.011 min
Response: 6043532
Conc: 52.66 ug/ml



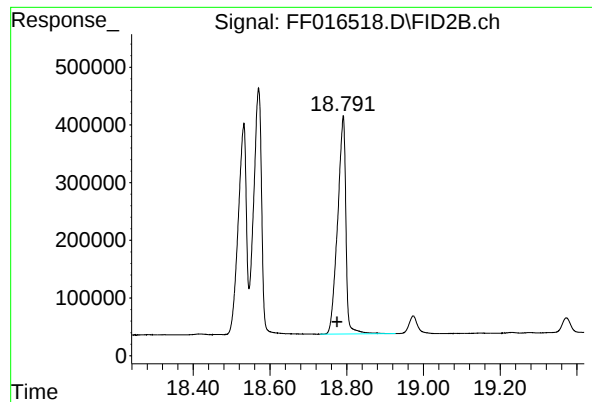
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.531 min
Delta R.T.: 0.011 min
Response: 5364467
Conc: 54.83 ug/ml



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

R.T.: 18.570 min
Delta R.T.: 0.011 min
Response: 6069846
Conc: 49.79 ug/ml



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

R.T.: 18.790 min
Delta R.T.: 0.015 min
Response: 5646198
Conc: 52.41 ug/ml

Instrument :

FID_F

ClientSampleId :

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