

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF112625AR\
 Data File : FF016821.D
 Signal(s) : FID2B.ch
 Acq On : 26 Nov 2025 22:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 01 08:16:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 112625.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:15:53 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...	8.003	2377140	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.879	1493215	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.944	2974910	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	2766830	20.000 ug/ml
2) T Naphthalene (C11.7)	6.274	2796587	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.373	2846214	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.678	2794456	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.977	2916628	20.000 ug/ml
8) T Flouorene (C16.55)	9.768	2717253	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.175	2674025	20.000 ug/ml
10) T Anthracene (C19.43)	11.250	2576963	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.998	2678897	20.000 ug/ml
13) T Pyrene (C20.8)	13.296	2692958	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.181	2255236	20.000 ug/ml
15) T Chrysene (C27.41)	15.222	2758326	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.744	2438049	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.775	2587597	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.126	2469971	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.504	2085274	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.541	3170642	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	2622564	20.000 ug/ml

(f)=RT Delta > 1/2 Window

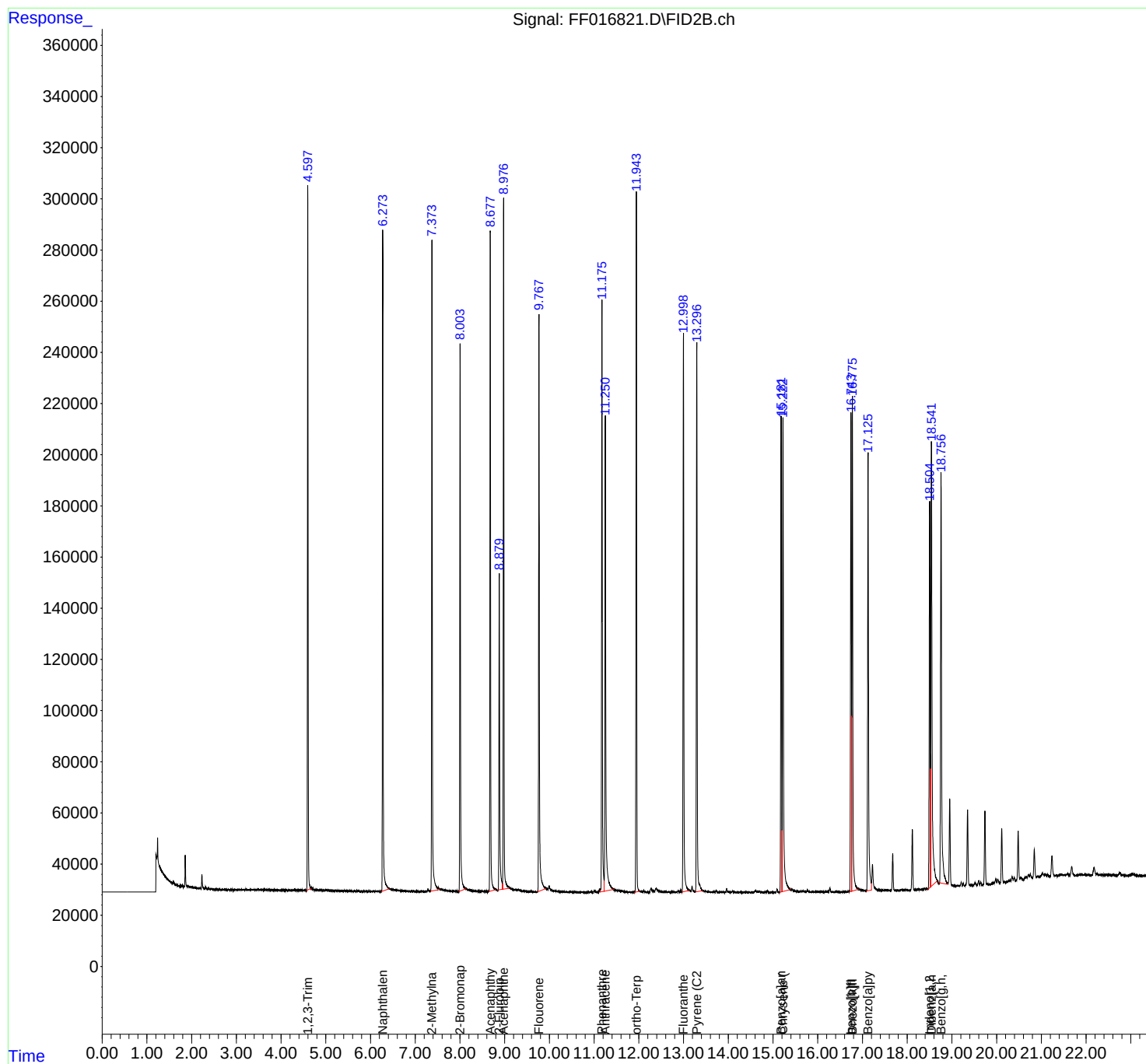
(m)=manual int.

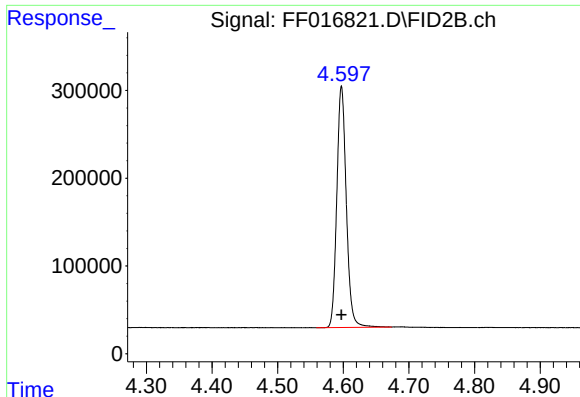
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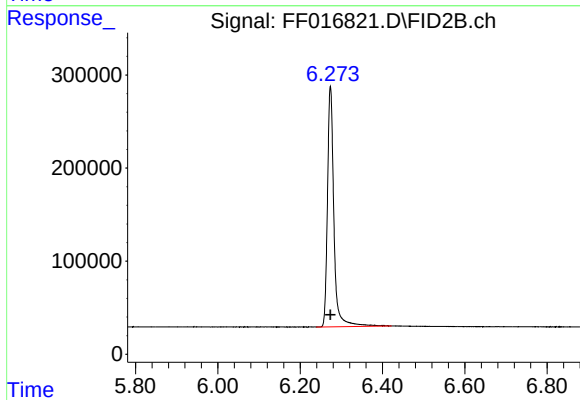




#1 1,2,3-Trimethylbenzene (C10.1)

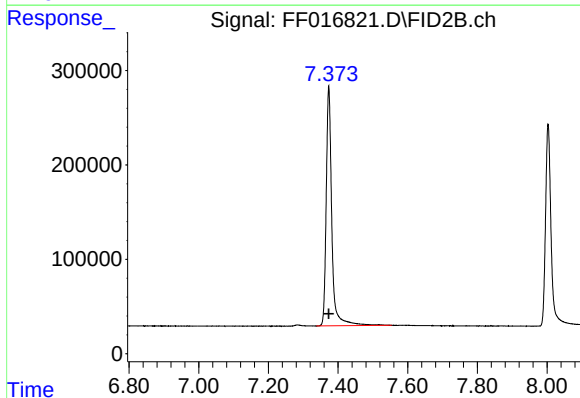
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 2766830
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



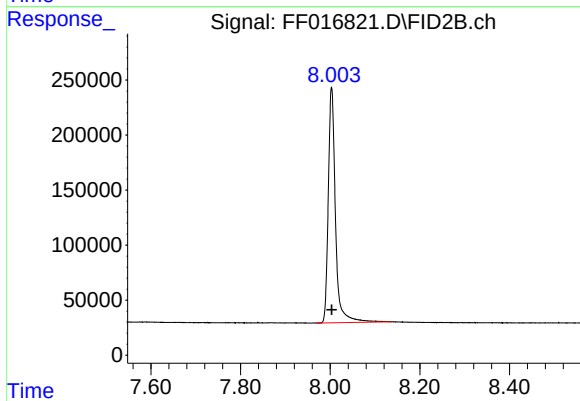
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 2796587
Conc: 20.00 ug/ml



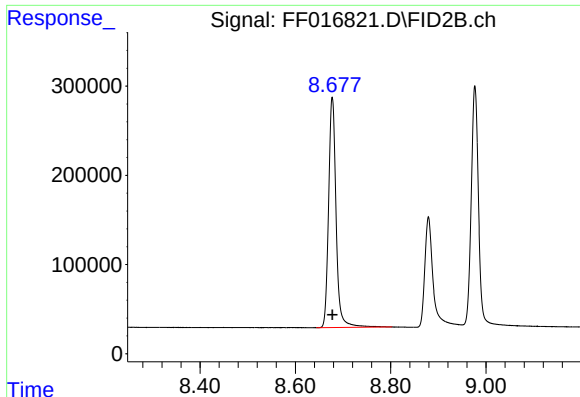
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 2846214
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

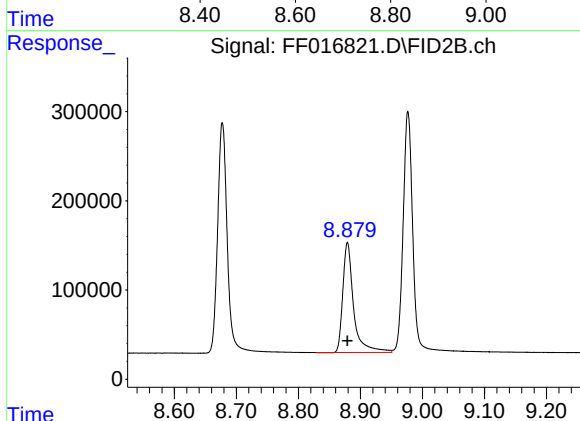
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 2377140
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

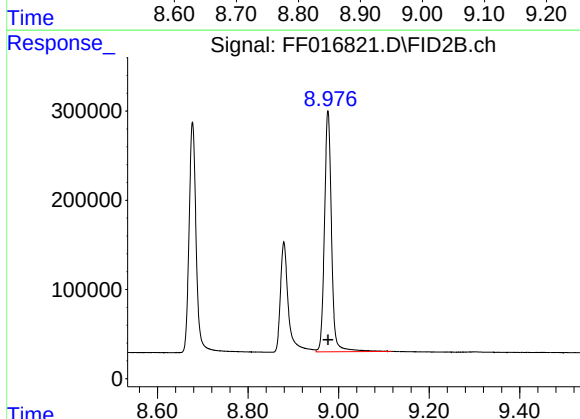
R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2794456
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD3



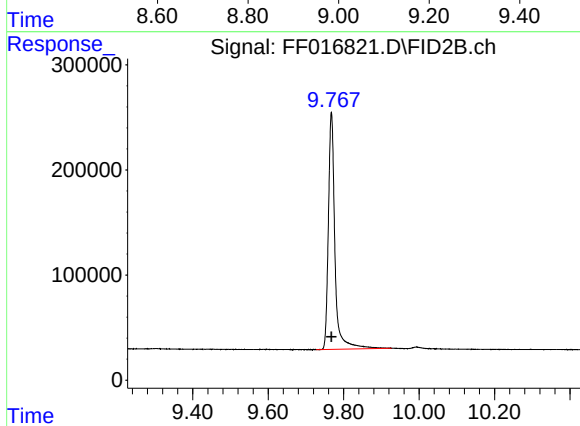
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.879 min
Delta R.T.: 0.000 min
Response: 1493215
Conc: 20.00 ug/ml



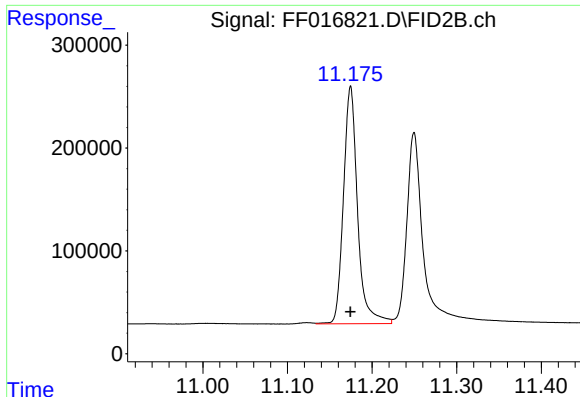
#7 Acenaphthene (C15.5)

R.T.: 8.977 min
Delta R.T.: 0.000 min
Response: 2916628
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

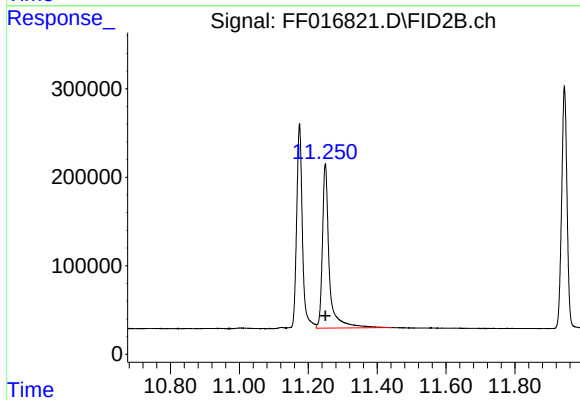
R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 2717253
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

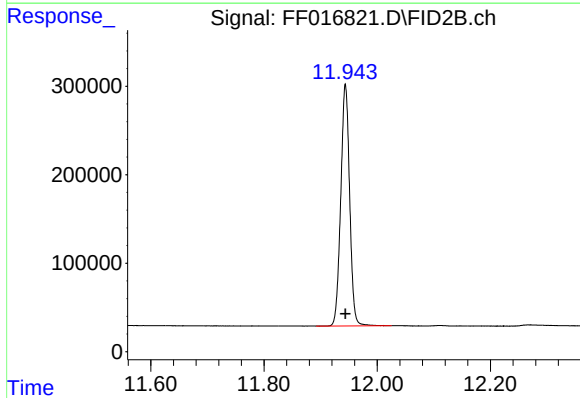
R.T.: 11.175 min
Delta R.T.: 0.000 min
Response: 2674025
Conc: 20.00 ug/ml

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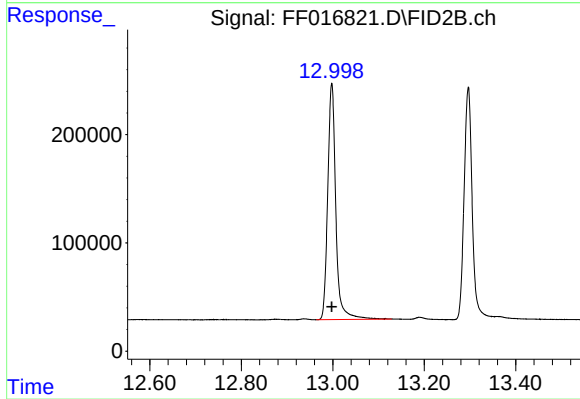
#10 Anthracene (C19.43)

R.T.: 11.250 min
Delta R.T.: 0.000 min
Response: 2576963
Conc: 20.00 ug/ml



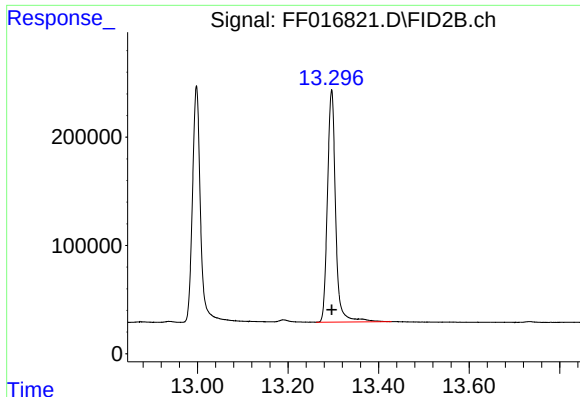
#11 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.000 min
Response: 2974910
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

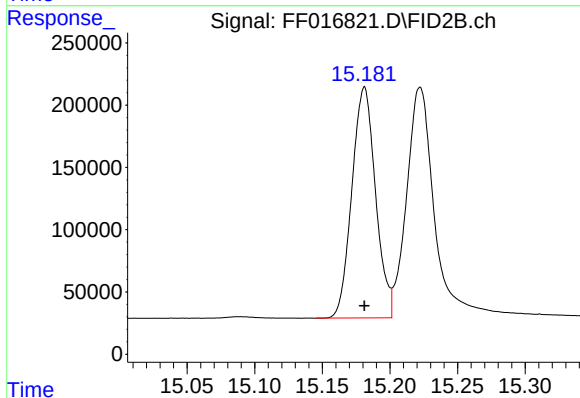
R.T.: 12.998 min
Delta R.T.: 0.000 min
Response: 2678897
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

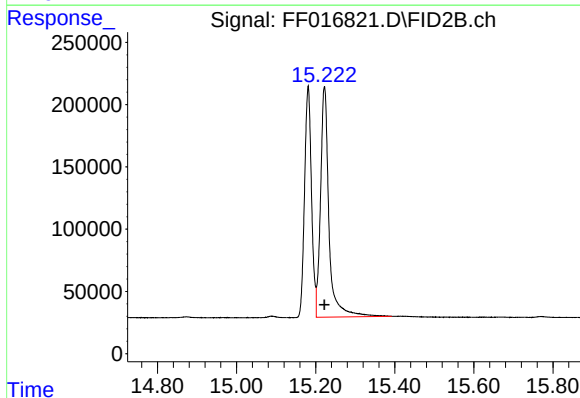
R.T.: 13.296 min
Delta R.T.: 0.000 min
Response: 2692958
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



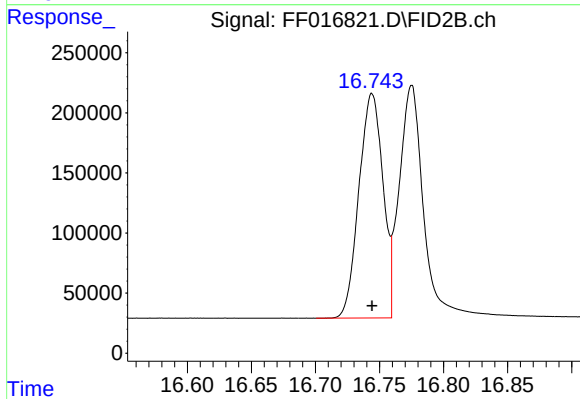
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: 0.000 min
Response: 2255236
Conc: 20.00 ug/ml



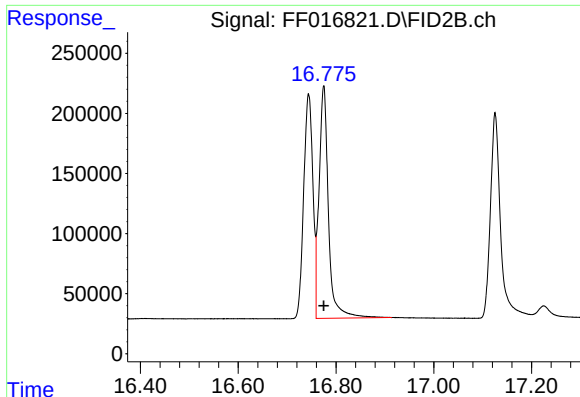
#15 Chrysene (C27.41)

R.T.: 15.222 min
Delta R.T.: 0.000 min
Response: 2758326
Conc: 20.00 ug/ml



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

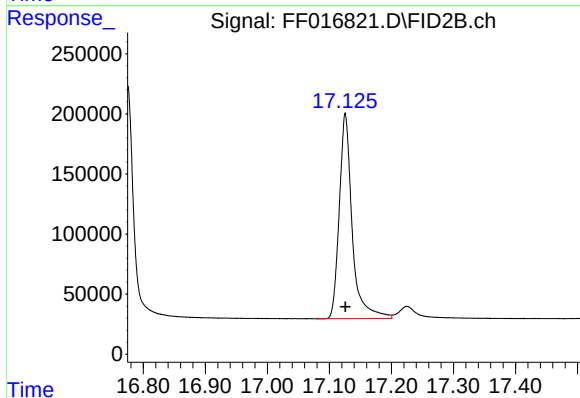
R.T.: 16.744 min
Delta R.T.: 0.000 min
Response: 2438049
Conc: 20.00 ug/ml



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

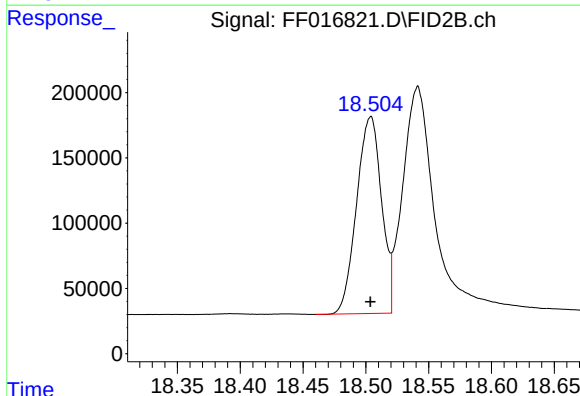
R.T.: 16.775 min
Delta R.T.: 0.000 min
Response: 2587597
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



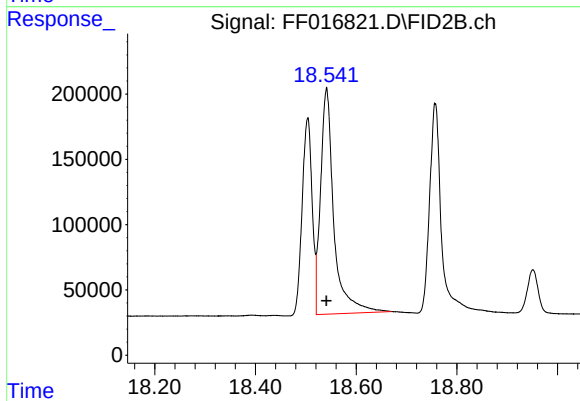
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.126 min
Delta R.T.: 0.000 min
Response: 2469971
Conc: 20.00 ug/ml



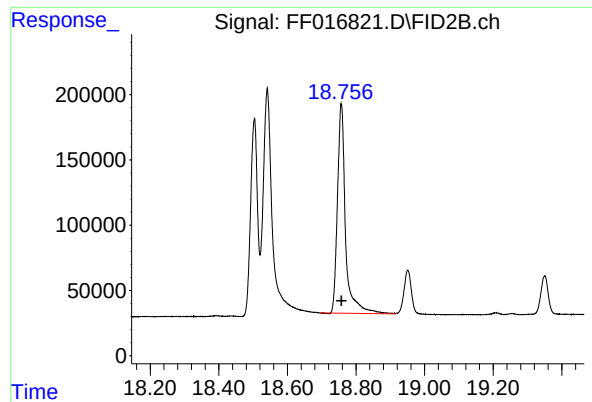
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.504 min
Delta R.T.: 0.000 min
Response: 2085274
Conc: 20.00 ug/ml



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

R.T.: 18.541 min
Delta R.T.: 0.000 min
Response: 3170642
Conc: 20.00 ug/ml



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

R.T.: 18.757 min
Delta R.T.: 0.000 min
Response: 2622564
Conc: 20.00 ug/ml

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