

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092425AR\
 Data File : FF016433.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2025 14:59
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 24 15:16:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 15:16:11 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	2558337	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.909	1741301	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.976	3079552	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.625	2848825	20.000 ug/ml
2) T Naphthalene (C11.7)	6.302	2963269	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.402	3011112	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.708	2963322	20.000 ug/ml
7) T Acenaphthene (C15.5)	9.008	2919556	20.000 ug/ml
8) T Flouorene (C16.55)	9.798	2976884	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.207	2975729	20.000 ug/ml
10) T Anthracene (C19.43)	11.283	2893687	20.000 ug/ml
12) T Fluoranthene (C21.85)	13.032	2967546	20.000 ug/ml
13) T Pyrene (C20.8)	13.331	2908519	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.215	2776618	20.000 ug/ml
15) T Chrysene (C27.41)	15.257	2862862	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.777	2696749	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.809	2560301	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.157	2599389	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.533	2305647	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.572	2654779	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.789	2498798	20.000 ug/ml

(f)=RT Delta > 1/2 Window

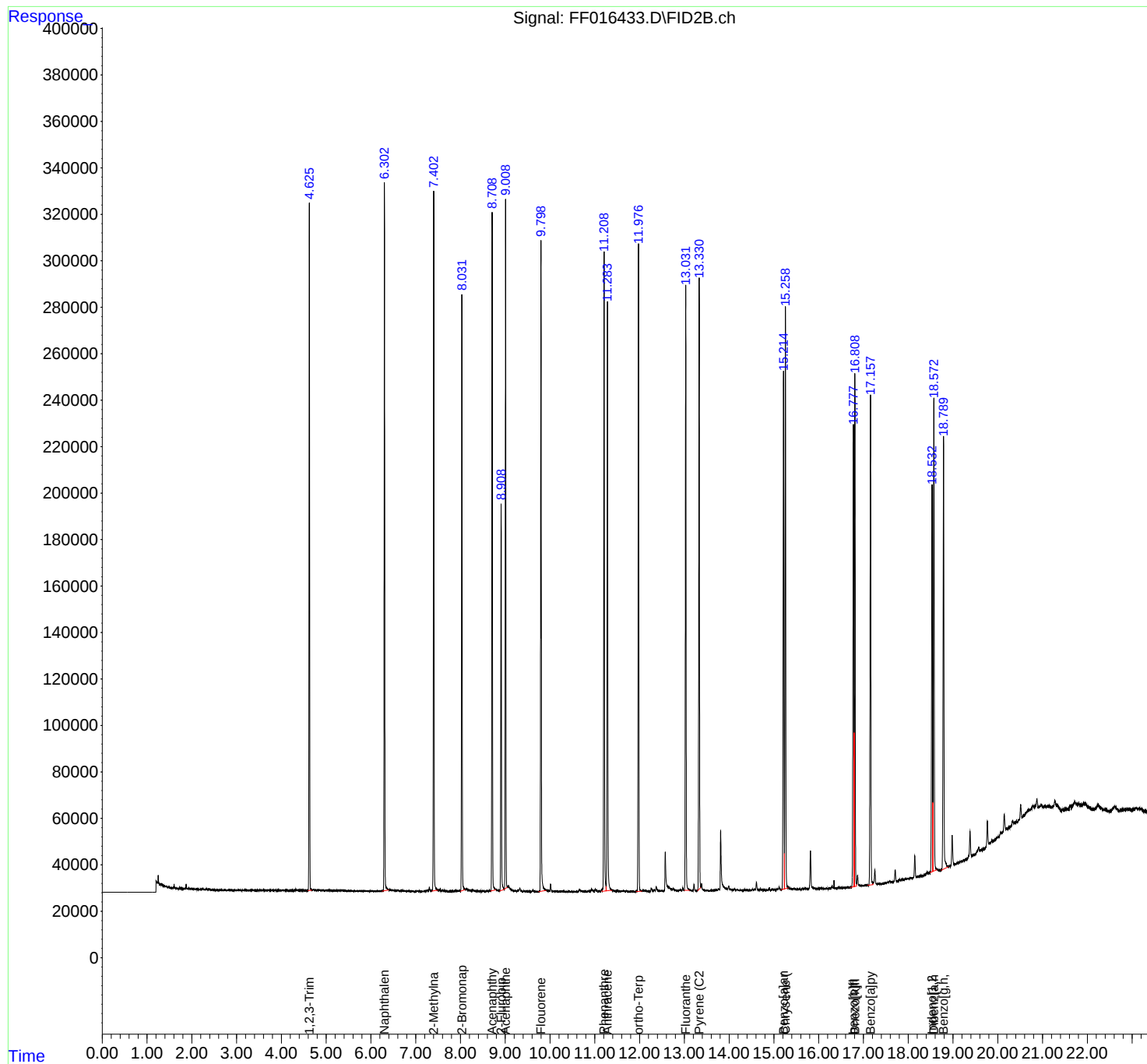
(m)=manual int.

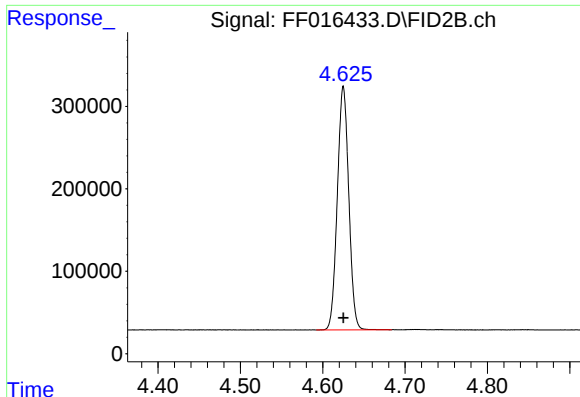
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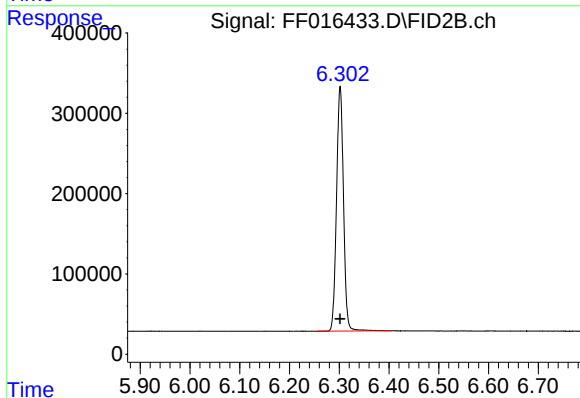




#1 1,2,3-Trimethylbenzene (C10.1)

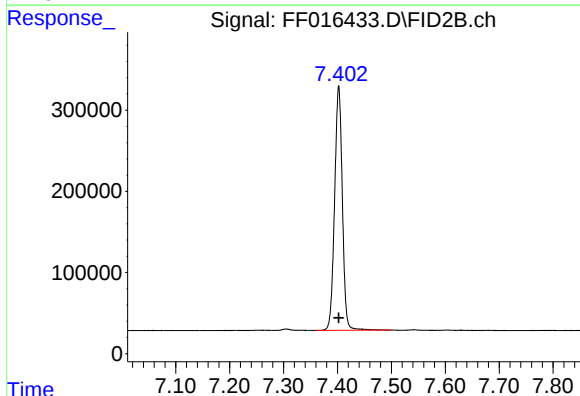
R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2848825
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



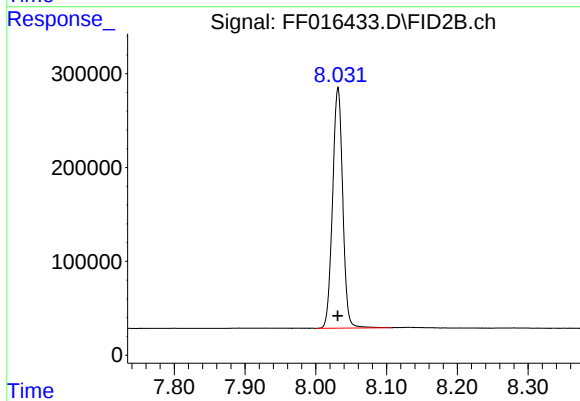
#2 Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2963269
Conc: 20.00 ug/ml



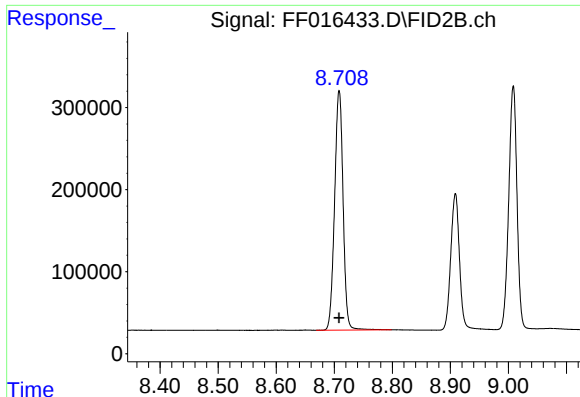
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 3011112
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

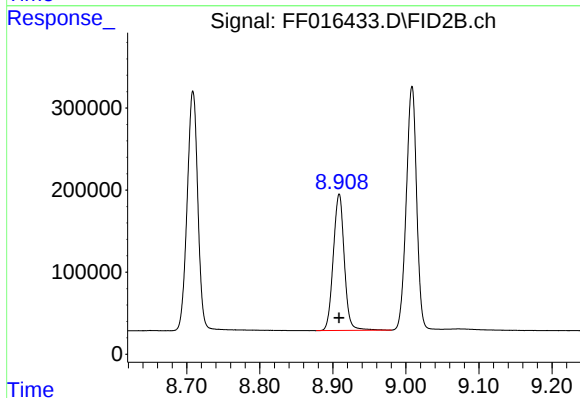
R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 2558337
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

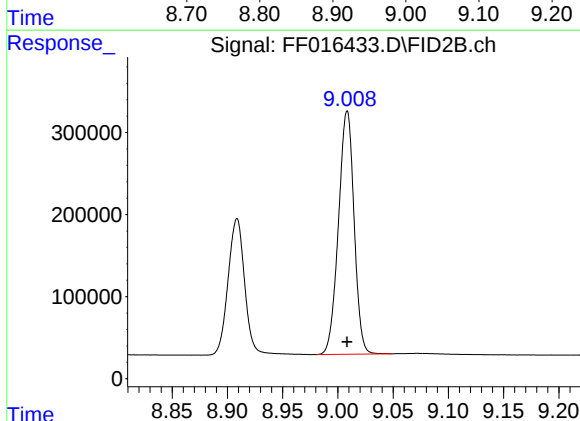
R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 2963322
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



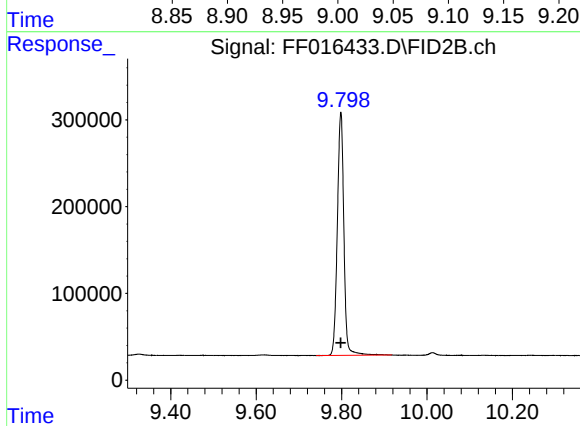
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 1741301
Conc: 20.00 ug/ml



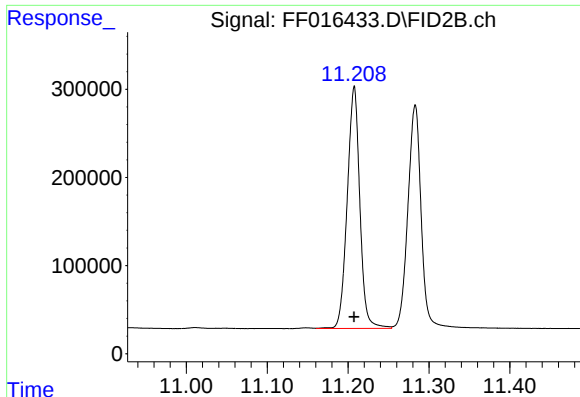
#7 Acenaphthene (C15.5)

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 2919556
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

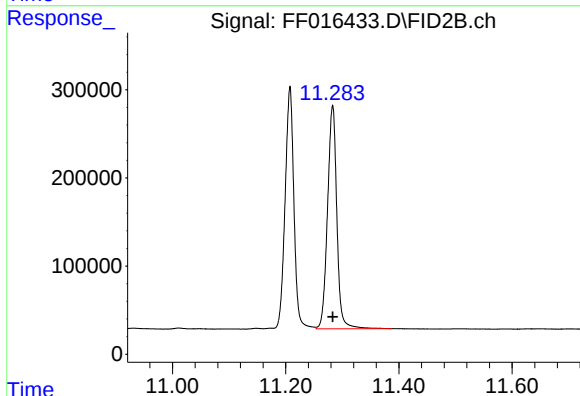
R.T.: 9.798 min
Delta R.T.: 0.000 min
Response: 2976884
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

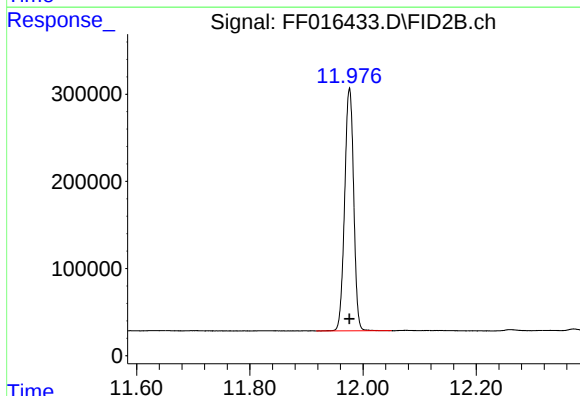
R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 2975729
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



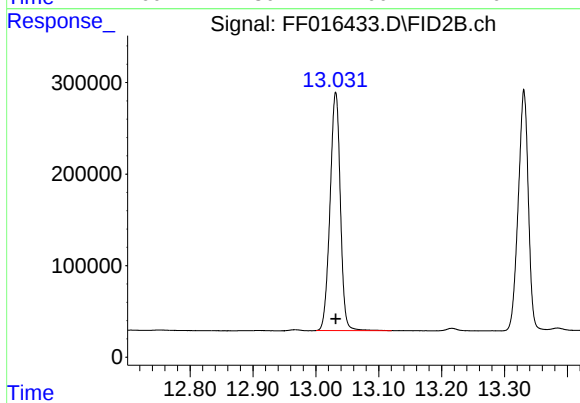
#10 Anthracene (C19.43)

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 2893687
Conc: 20.00 ug/ml



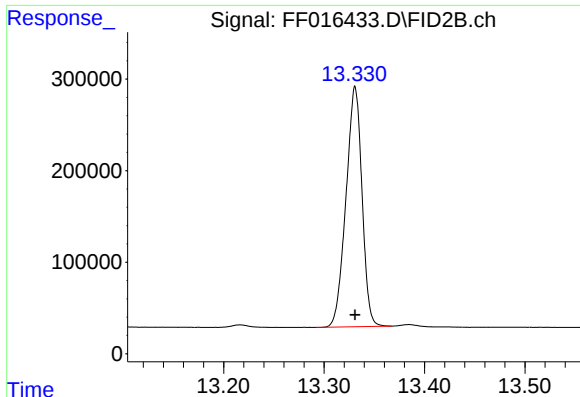
#11 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 3079552
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

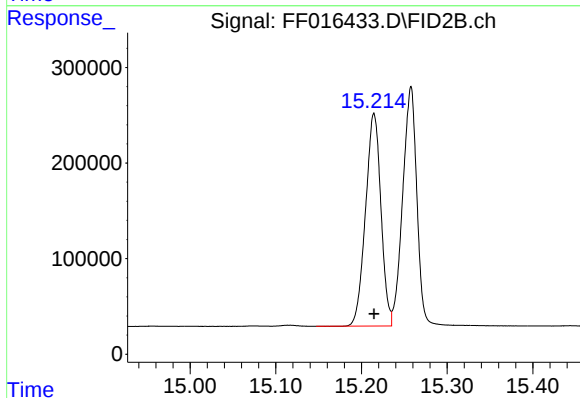
R.T.: 13.032 min
Delta R.T.: 0.000 min
Response: 2967546
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

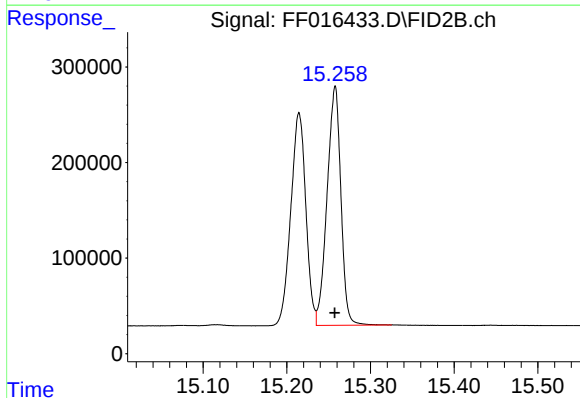
R.T.: 13.331 min
Delta R.T.: 0.000 min
Response: 2908519
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



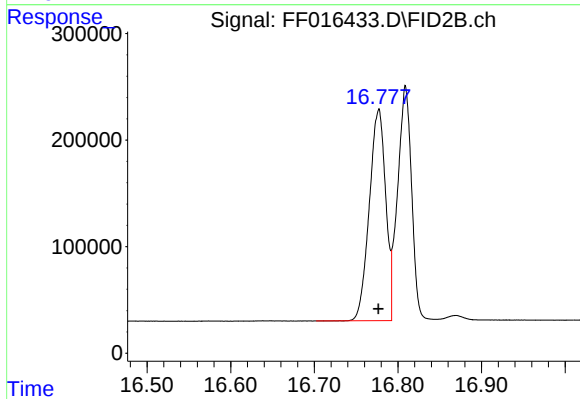
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2776618
Conc: 20.00 ug/ml



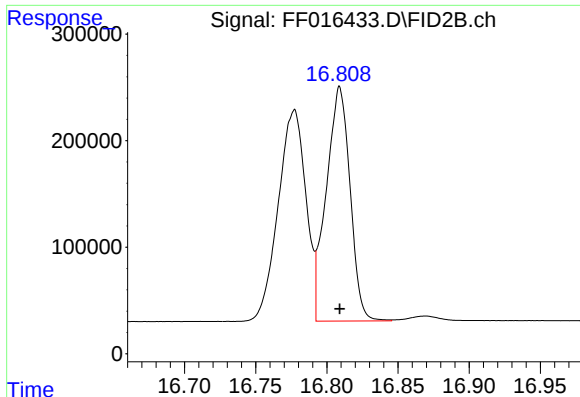
#15 Chrysene (C27.41)

R.T.: 15.257 min
Delta R.T.: 0.000 min
Response: 2862862
Conc: 20.00 ug/ml



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

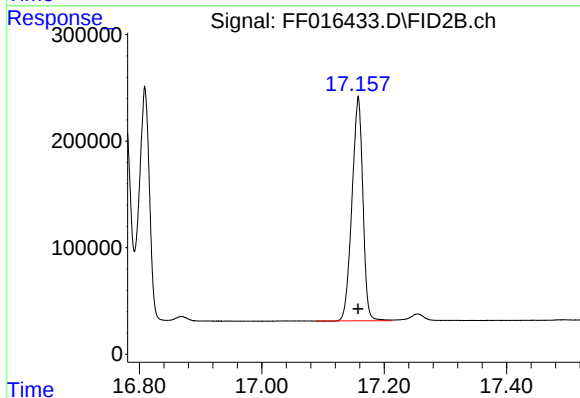
R.T.: 16.777 min
Delta R.T.: 0.000 min
Response: 2696749
Conc: 20.00 ug/ml



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

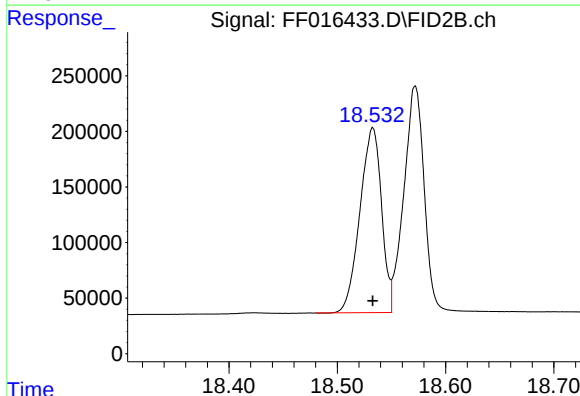
R.T.: 16.809 min
Delta R.T.: 0.000 min
Response: 2560301
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



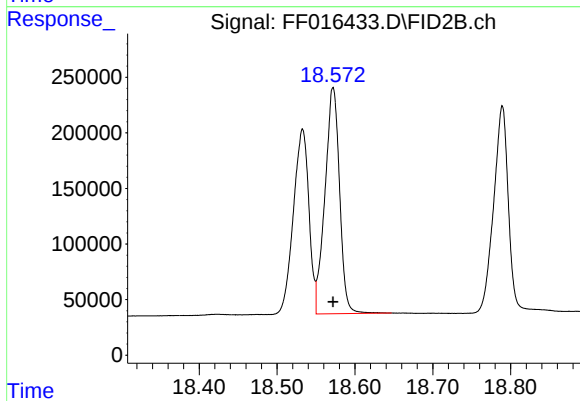
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.157 min
Delta R.T.: 0.000 min
Response: 2599389
Conc: 20.00 ug/ml



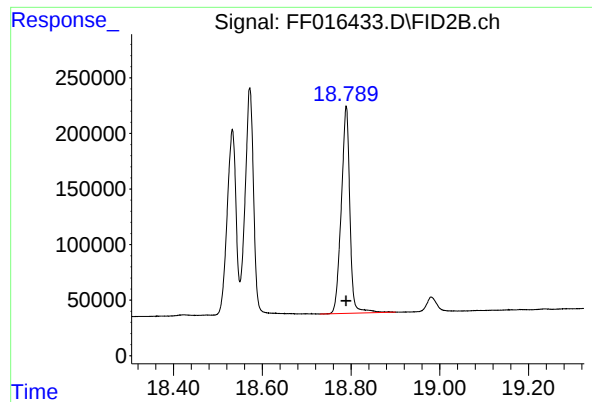
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.533 min
Delta R.T.: 0.000 min
Response: 2305647
Conc: 20.00 ug/ml



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

R.T.: 18.572 min
Delta R.T.: 0.000 min
Response: 2654779
Conc: 20.00 ug/ml



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

R.T.: 18.789 min
Delta R.T.: 0.000 min
Response: 2498798
Conc: 20.00 ug/ml

Instrument :
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ClientSampleId :
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