

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082024AR\
 Data File : FF014439.D
 Signal(s) : FID2B.ch
 Acq On : 20 Aug 2024 13:56
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 20 14:46:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 082024.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 20 14:45:54 2024
 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...	7.875	2466456	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.745	1511330	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.806	3100634	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	2865140	20.000 ug/ml
2) T Naphthalene (C11.7)	6.152	2945330	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.247	2942507	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.544	2908218	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.843	3078107	20.000 ug/ml
8) T Fluorene (C16.55)	9.632	2854245	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.035	2821930	20.000 ug/ml
10) T Anthracene (C19.43)	11.109	2980576	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.852	3018215	20.000 ug/ml
13) T Pyrene (C20.8)	13.150	2966299	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.030	2605569	20.000 ug/ml
15) T Chrysene (C27.41)	15.071	3293671	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.585	2726608	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.617	3022081	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.965	2762082	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.336	1858123	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.379	3183671	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.586	2708671	20.000 ug/ml

(f)=RT Delta > 1/2 Window

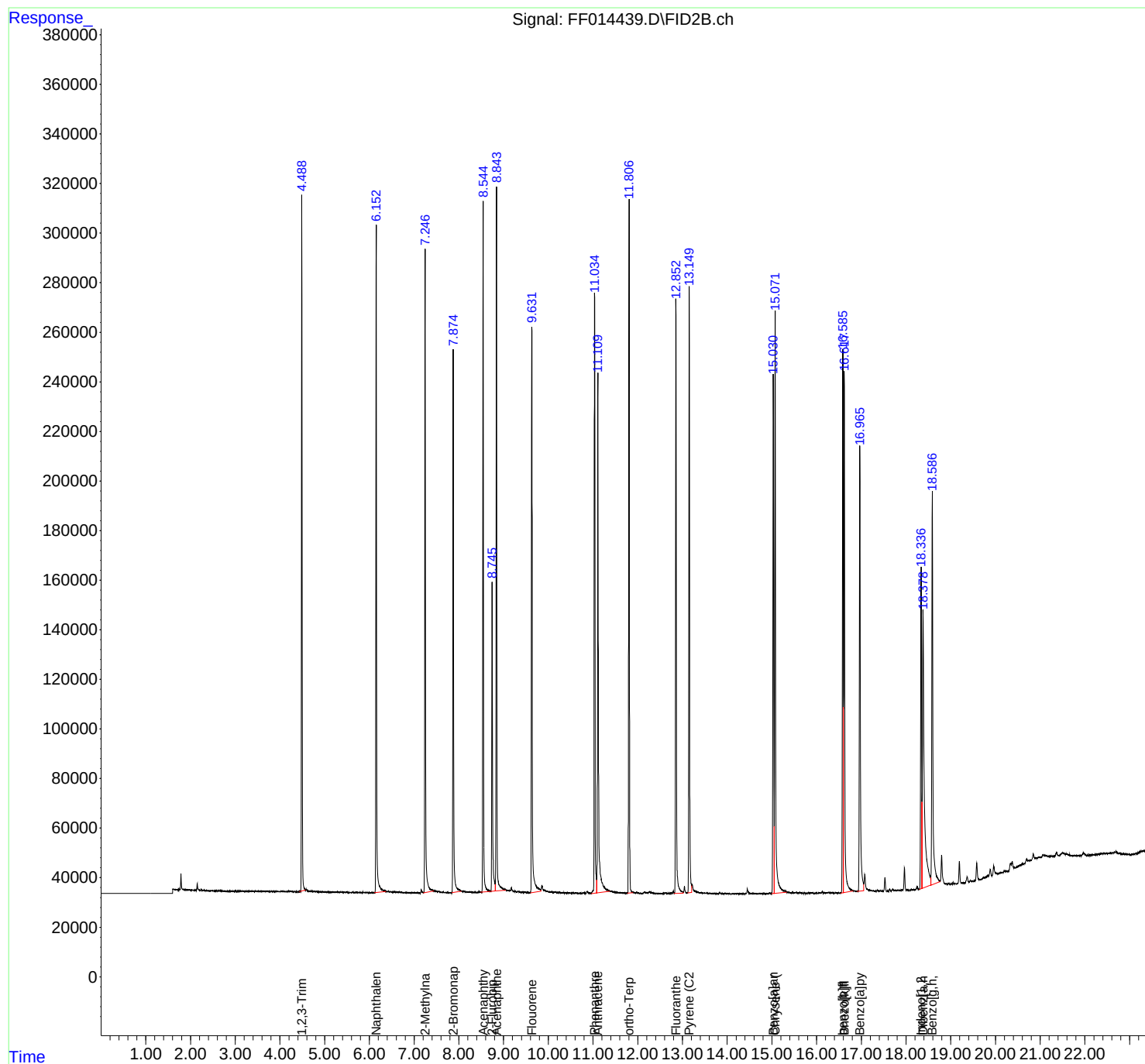
(m)=manual int.

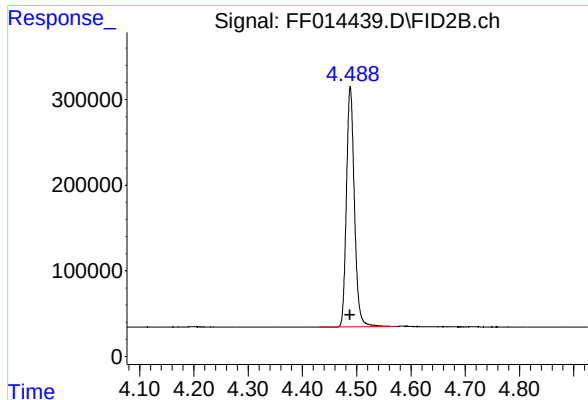
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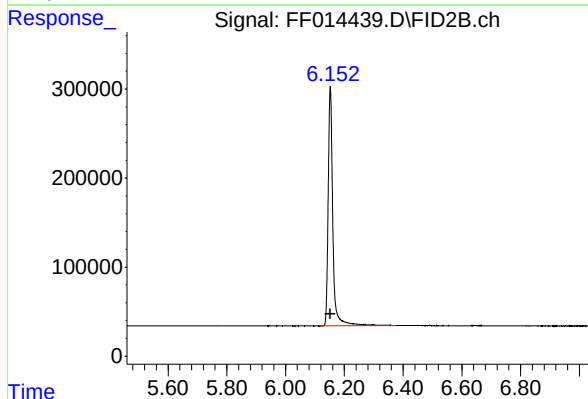




#1 1,2,3-Trimethylbenzene (C10.1)

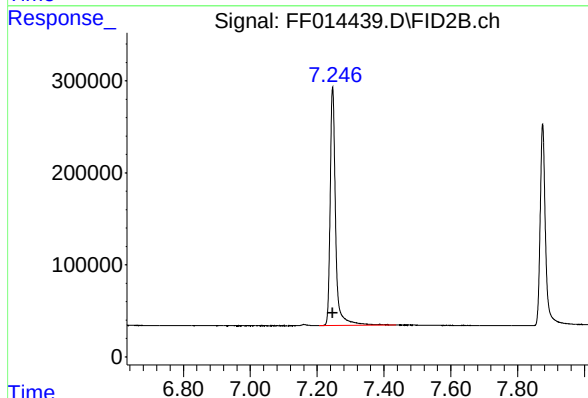
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 2865140
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



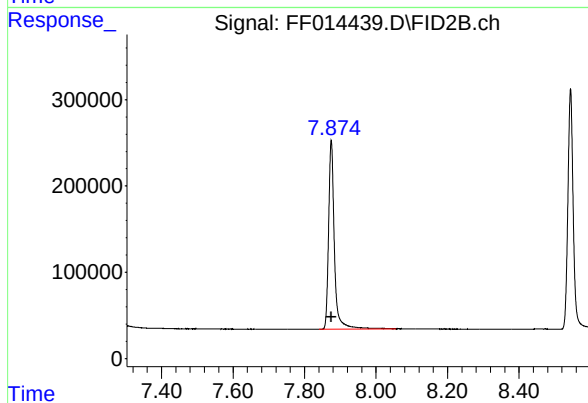
#2 Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 2945330
Conc: 20.00 ug/ml



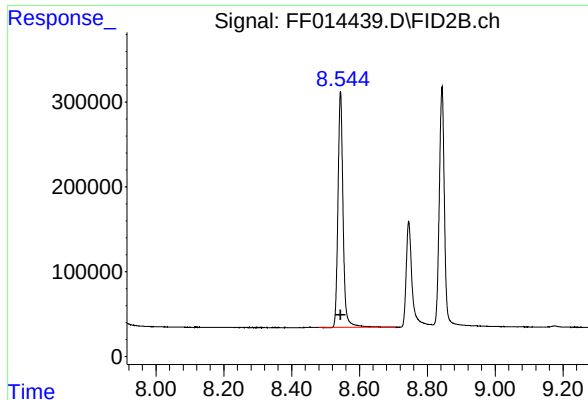
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.247 min
Delta R.T.: 0.000 min
Response: 2942507
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

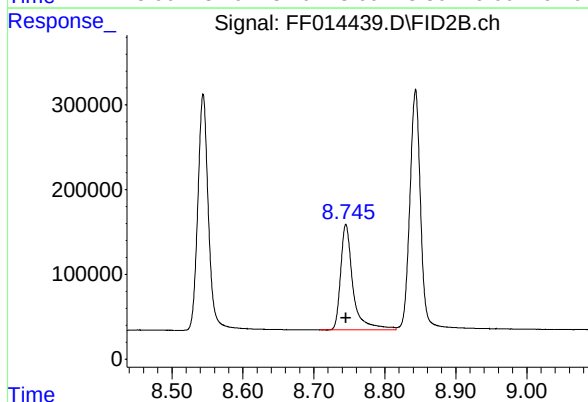
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 2466456
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

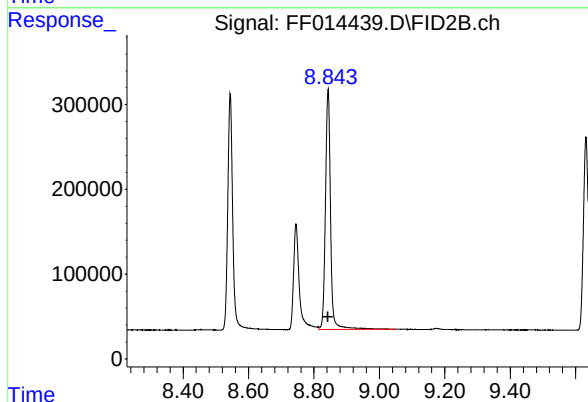
R.T.: 8.544 min
Delta R.T.: 0.000 min
Response: 2908218
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



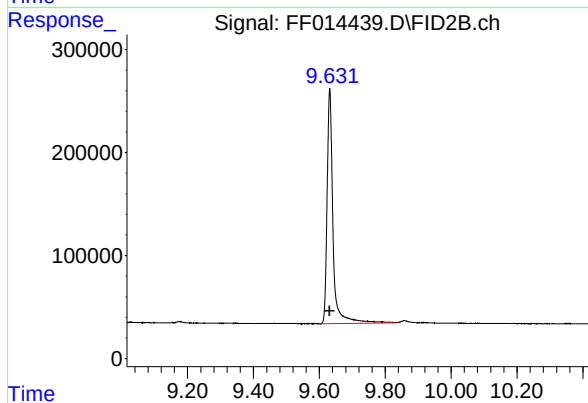
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 1511330
Conc: 20.00 ug/ml



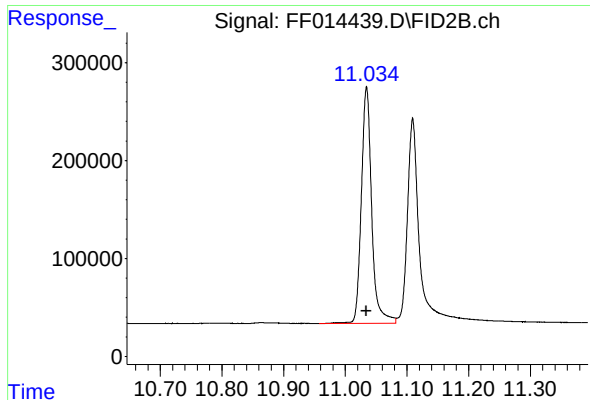
#7 Acenaphthene (C15.5)

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 3078107
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

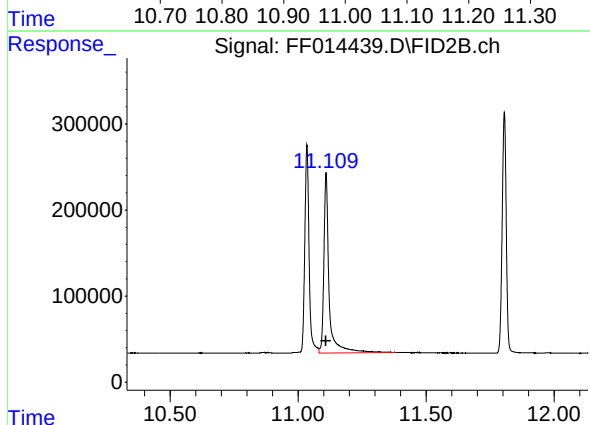
R.T.: 9.632 min
Delta R.T.: 0.000 min
Response: 2854245
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

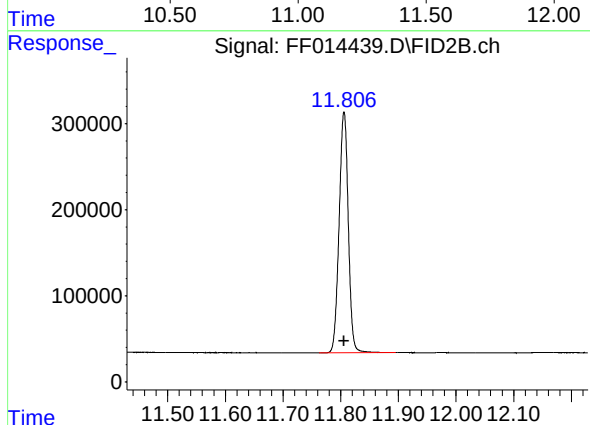
R.T.: 11.035 min
Delta R.T.: 0.000 min
Response: 2821930
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



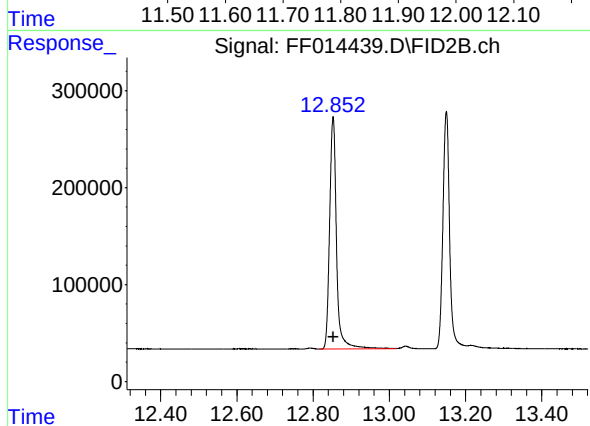
#10 Anthracene (C19.43)

R.T.: 11.109 min
Delta R.T.: 0.000 min
Response: 2980576
Conc: 20.00 ug/ml



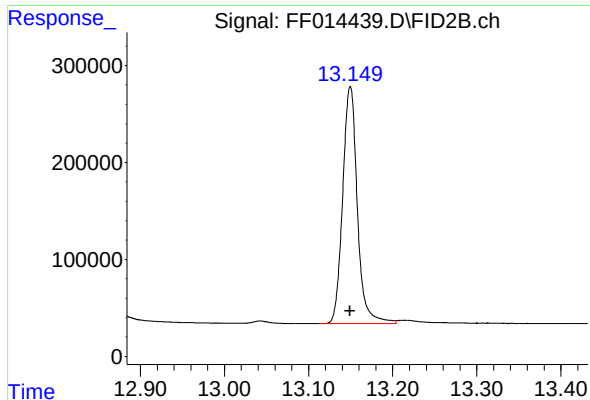
#11 ortho-Terphenyl (SURR)

R.T.: 11.806 min
Delta R.T.: 0.000 min
Response: 3100634
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

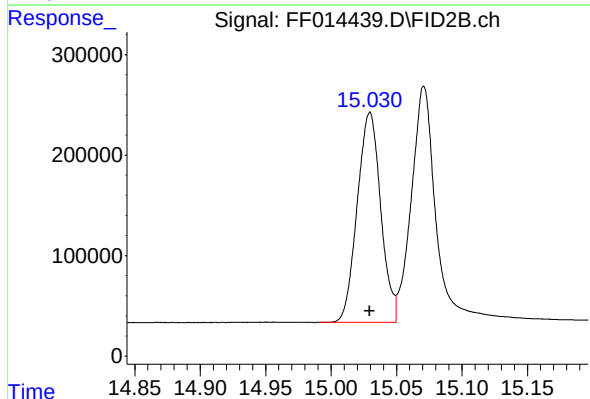
R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 3018215
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

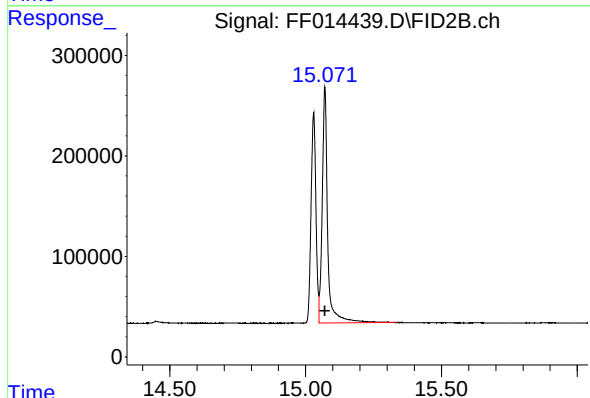
R.T.: 13.150 min
Delta R.T.: 0.000 min
Response: 2966299
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



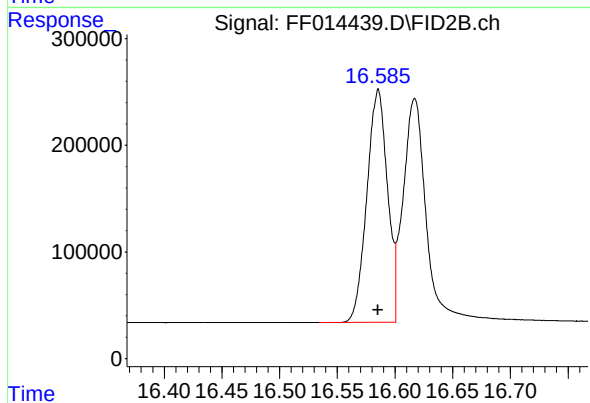
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.030 min
Delta R.T.: 0.000 min
Response: 2605569
Conc: 20.00 ug/ml



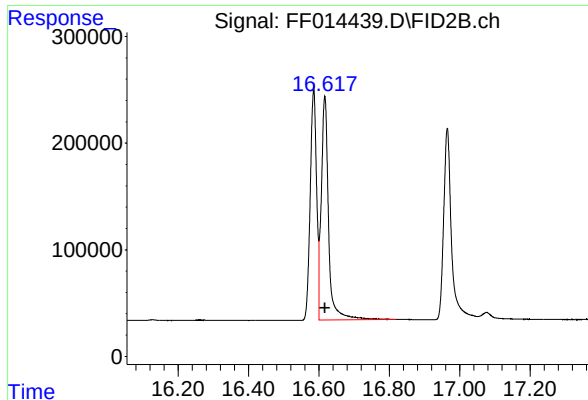
#15 Chrysene (C27.41)

R.T.: 15.071 min
Delta R.T.: 0.000 min
Response: 3293671
Conc: 20.00 ug/ml



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

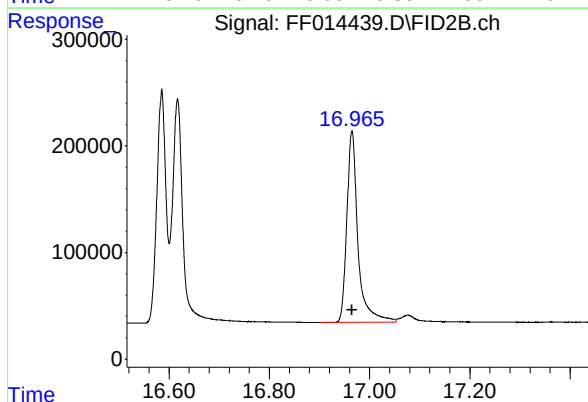
R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 2726608
Conc: 20.00 ug/ml



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

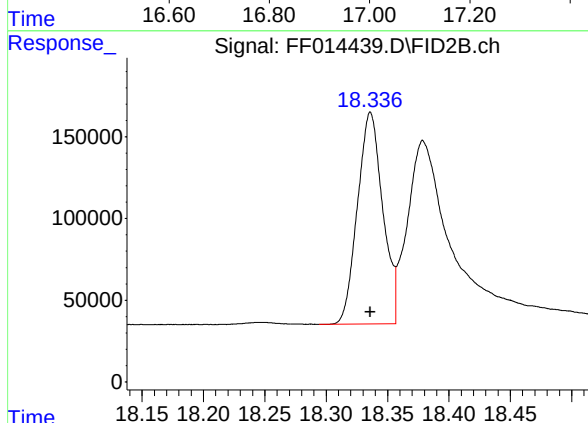
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 3022081
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



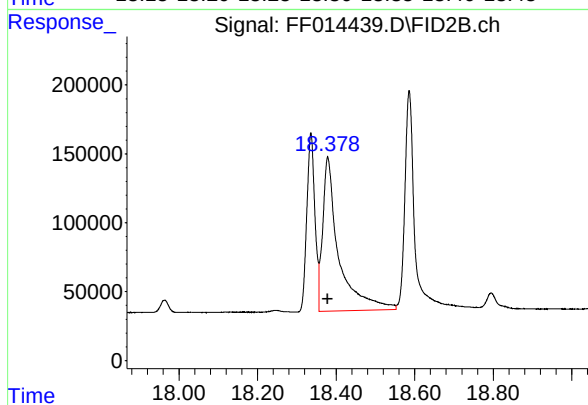
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.965 min
Delta R.T.: 0.000 min
Response: 2762082
Conc: 20.00 ug/ml



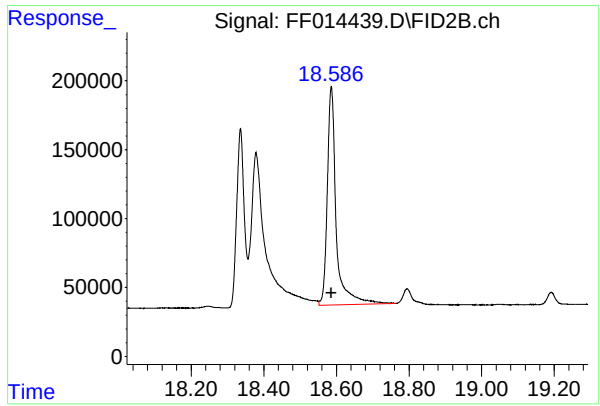
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.336 min
Delta R.T.: 0.000 min
Response: 1858123
Conc: 20.00 ug/ml



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

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 3183671
Conc: 20.00 ug/ml



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

R.T.: 18.586 min
Delta R.T.: 0.000 min
Response: 2708671
Conc: 20.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD3