

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100325AR\
 Data File : FD049824.D
 Signal(s) : FID2B.ch
 Acq On : 03 Oct 2025 20:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 06 04:12:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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...	7.699	2411422	20.296 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
6) S 2-Fluorobiphenyl (SURR)	8.564	1721575	20.278 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.56%
11) S ortho-Terphenyl (SURR)	11.610	3007460	20.146 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.493	2294553	20.191 ug/ml
2) T Naphthalene (C11.7)	6.035	2666282	20.209 ug/ml
3) T 2-Methylnaphthalene (...)	7.089	2789082	20.158 ug/ml
5) T Acenaphthylene (C15.06)	8.367	2929968	20.054 ug/ml
7) T Acenaphthene (C15.5)	8.663	2936879	20.169 ug/ml
8) T Flouorene (C16.55)	9.445	2956737	20.247 ug/ml
9) T Phenanthrene (C19.36)	10.842	2954152	20.209 ug/ml
10) T Anthracene (C19.43)	10.917	2541872	18.705 ug/ml
12) T Fluoranthene (C21.85)	12.656	2885452	20.254 ug/ml
13) T Pyrene (C20.8)	12.953	2854190	20.304 ug/ml
14) T Benzo[a]anthracene (C...	14.826	2524558	20.073 ug/ml
15) T Chrysene (C27.41)	14.867	2610996	20.324 ug/ml
16) T benzo[b]fluoranthene ...	16.376	2541309	20.401 ug/ml
17) T Bnezo[k]fluoranthene ...	16.408	2398653	20.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.754	2436647	20.078 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.118	2250295	20.013 ug/ml
20) T Dibenz[a,h]anthracene...	18.158	2763280	22.602 ug/ml
21) T Benzo[g,h,i]perylene ...	18.373	2425736	20.281 ug/ml

(f)=RT Delta > 1/2 Window

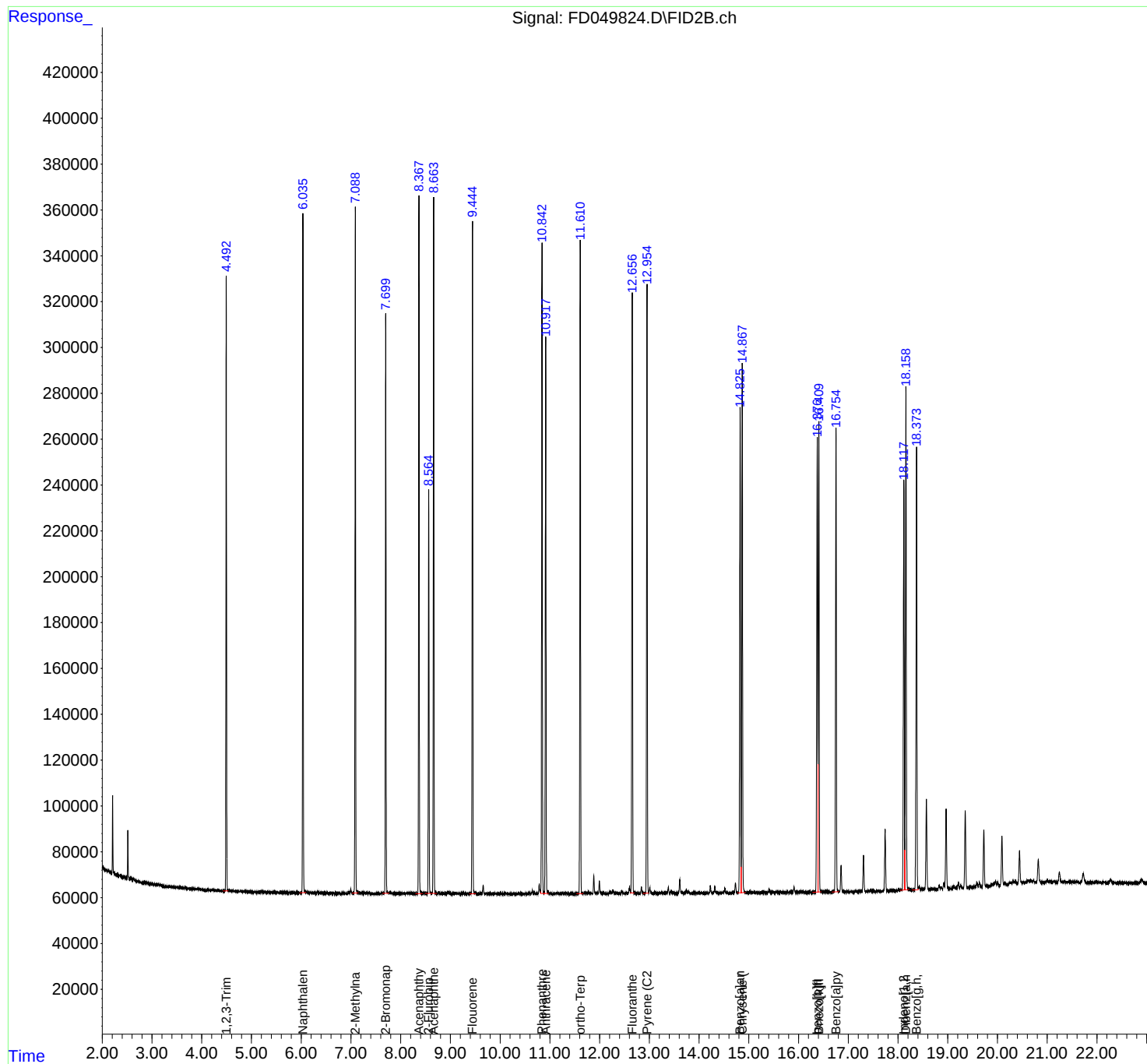
(m)=manual int.

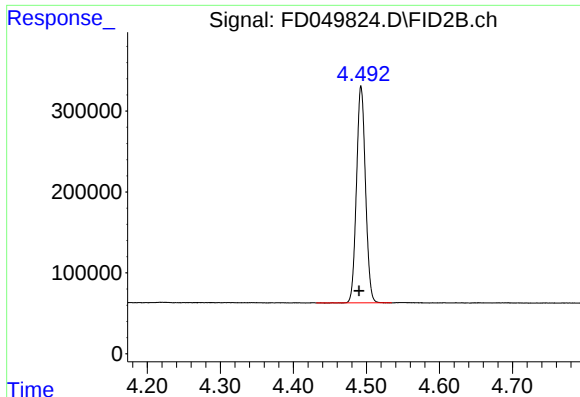
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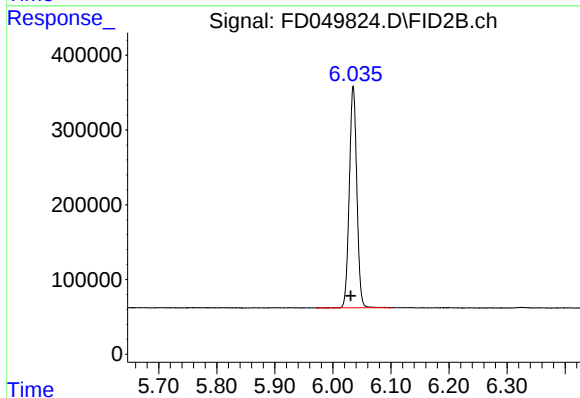




#1 1,2,3-Trimethylbenzene (C10.1)

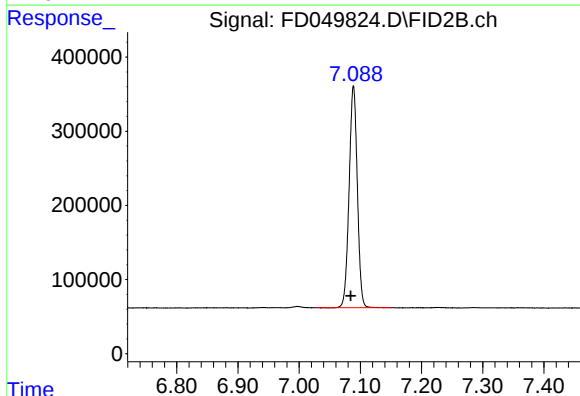
R.T.: 4.493 min
Delta R.T.: 0.003 min
Response: 2294553
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



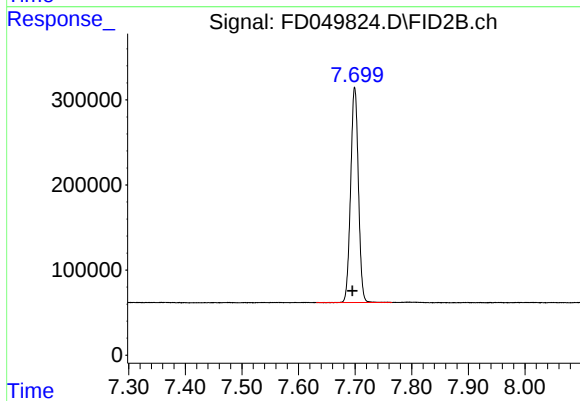
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.004 min
Response: 2666282
Conc: 20.21 ug/ml



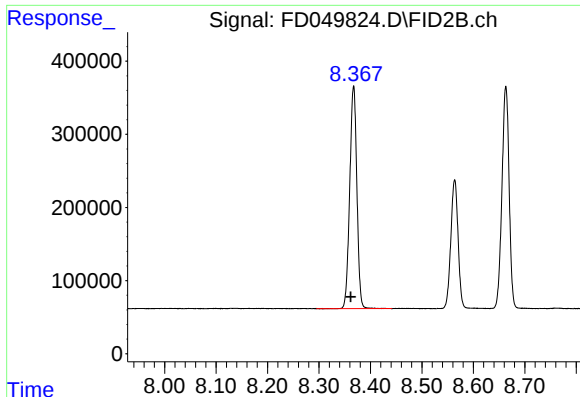
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 2789082
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

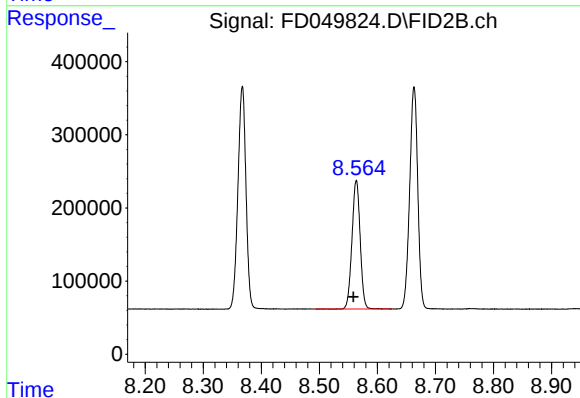
R.T.: 7.699 min
Delta R.T.: 0.004 min
Response: 2411422
Conc: 20.30 ug/ml



#5 Acenaphthylene (C15.06)

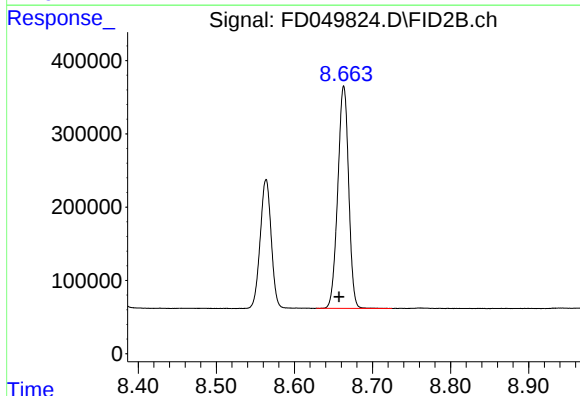
R.T.: 8.367 min
Delta R.T.: 0.005 min
Response: 2929968
Conc: 20.05 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



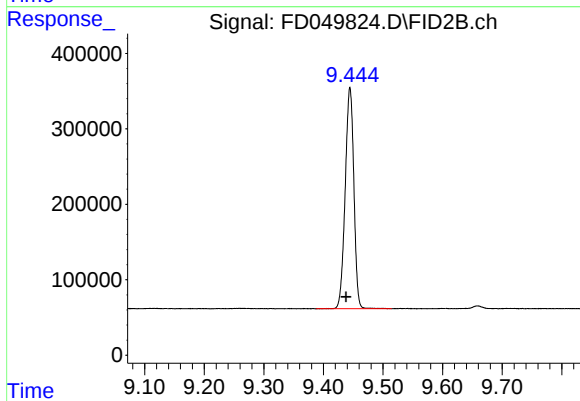
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.005 min
Response: 1721575
Conc: 20.28 ug/ml



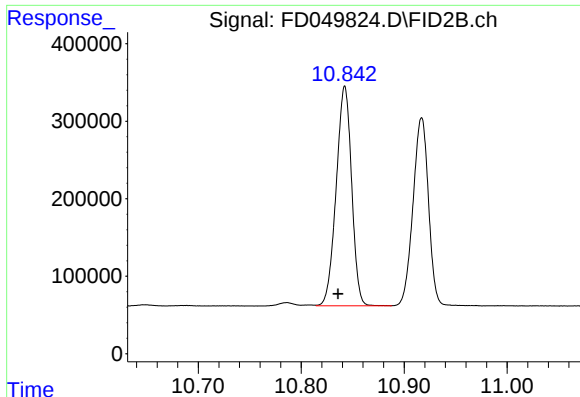
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: 0.006 min
Response: 2936879
Conc: 20.17 ug/ml



#8 Fluorene (C16.55)

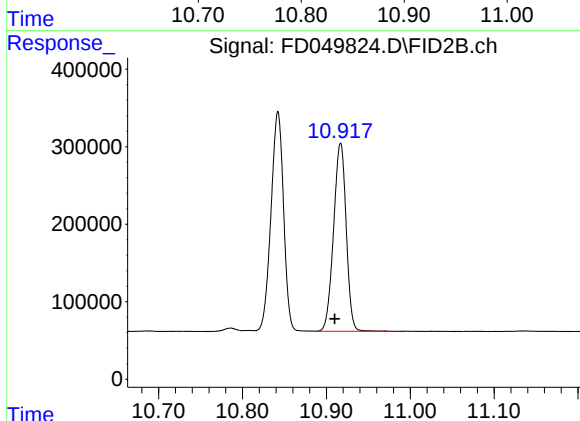
R.T.: 9.445 min
Delta R.T.: 0.006 min
Response: 2956737
Conc: 20.25 ug/ml



#9 Phenanthrene (C19.36)

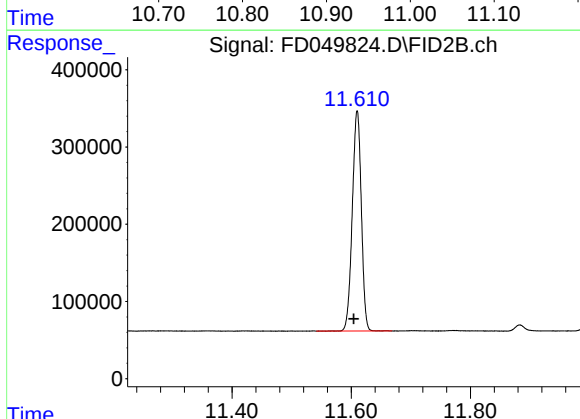
R.T.: 10.842 min
Delta R.T.: 0.006 min
Response: 2954152
Conc: 20.21 ug/ml

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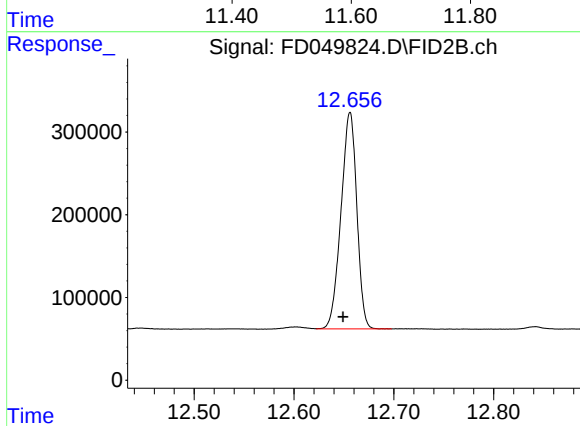
#10 Anthracene (C19.43)

R.T.: 10.917 min
Delta R.T.: 0.007 min
Response: 2541872
Conc: 18.70 ug/ml



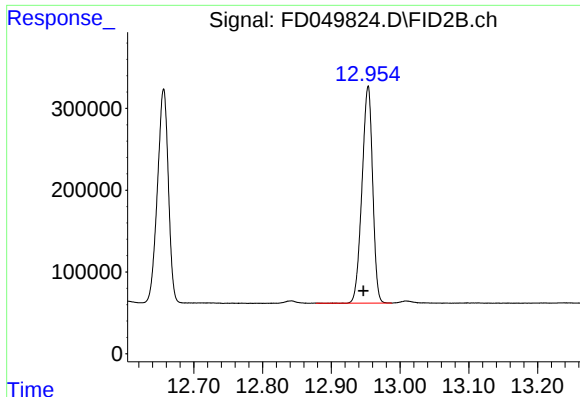
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.006 min
Response: 3007460
Conc: 20.15 ug/ml



#12 Fluoranthene (C21.85)

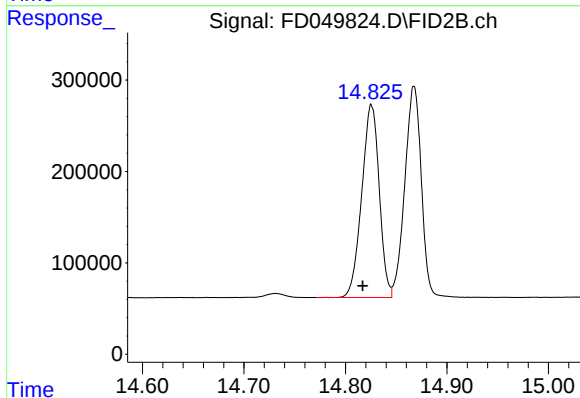
R.T.: 12.656 min
Delta R.T.: 0.007 min
Response: 2885452
Conc: 20.25 ug/ml



#13 Pyrene (C20.8)

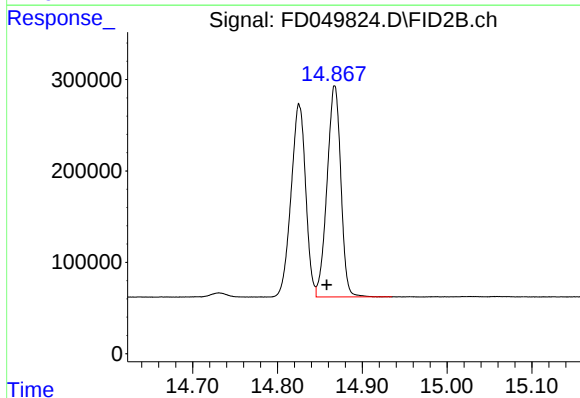
R.T.: 12.953 min
Delta R.T.: 0.007 min
Response: 2854190
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



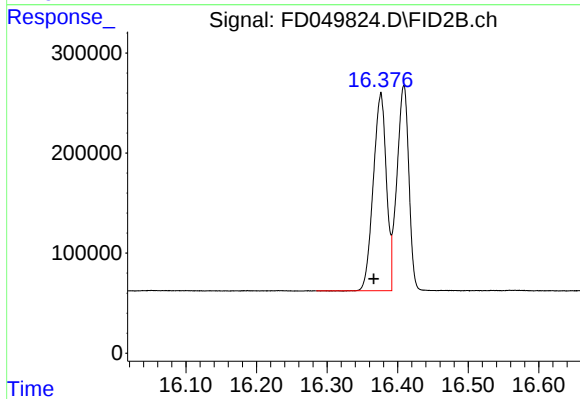
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.826 min
Delta R.T.: 0.008 min
Response: 2524558
Conc: 20.07 ug/ml



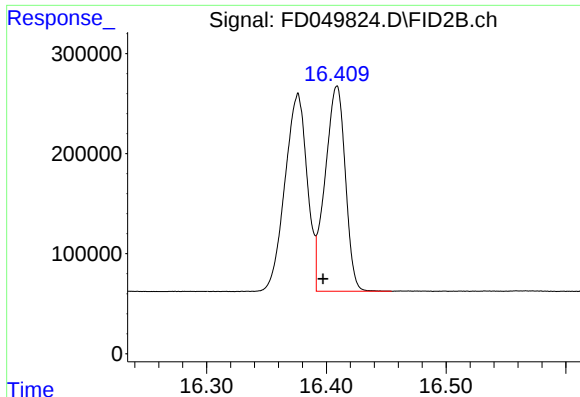
#15 Chrysene (C27.41)

R.T.: 14.867 min
Delta R.T.: 0.009 min
Response: 2610996
Conc: 20.32 ug/ml



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

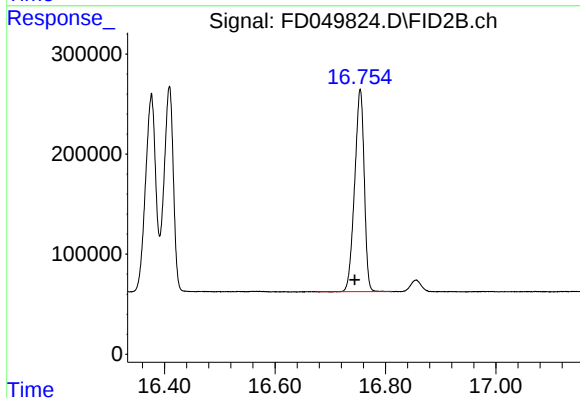
R.T.: 16.376 min
Delta R.T.: 0.010 min
Response: 2541309
Conc: 20.40 ug/ml



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

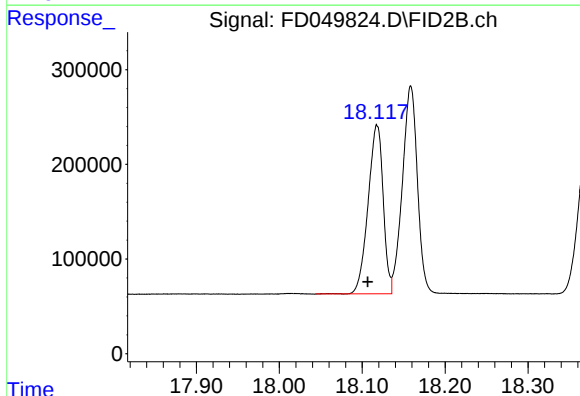
R.T.: 16.408 min
Delta R.T.: 0.011 min
Response: 2398653
Conc: 20.42 ug/ml

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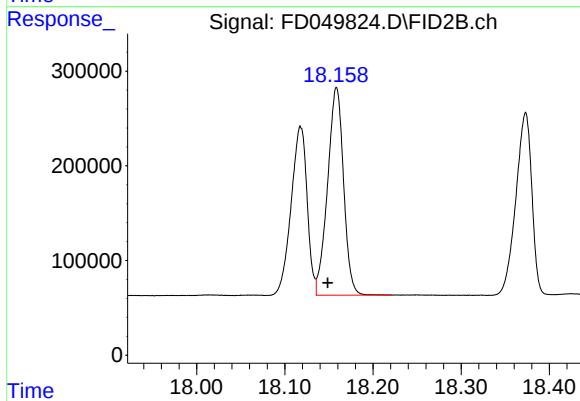
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.754 min
Delta R.T.: 0.010 min
Response: 2436647
Conc: 20.08 ug/ml



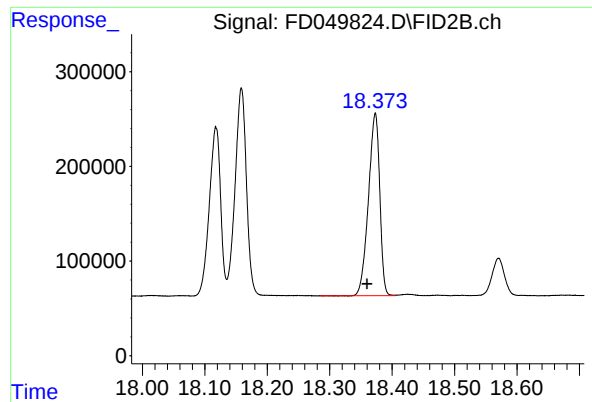
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.118 min
Delta R.T.: 0.011 min
Response: 2250295
Conc: 20.01 ug/ml



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

R.T.: 18.158 min
Delta R.T.: 0.010 min
Response: 2763280
Conc: 22.60 ug/ml



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

R.T.: 18.373 min
Delta R.T.: 0.013 min
Response: 2425736
Conc: 20.28 ug/ml

Instrument :

FID_D

ClientSampleId :

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