

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041825AR\
 Data File : FD049290.D
 Signal(s) : FID2B.ch
 Acq On : 18 Apr 2025 16:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 18 22:58:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 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...	7.742	2959903	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
6) S 2-Fluorobiphenyl (SURR)	8.608	2072609	20.319 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.651	3876634	22.003 ug/ml
Spiked Amount 50.000		Recovery =	44.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.535	2795624	18.656 ug/ml
2) T Naphthalene (C11.7)	6.079	3087603	18.857 ug/ml
3) T 2-Methylnaphthalene (...)	7.132	3184217	19.686 ug/ml
5) T Acenaphthylene (C15.06)	8.411	3486541	19.738 ug/ml
7) T Acenaphthene (C15.5)	8.708	3446283	20.003 ug/ml
8) T Fluorene (C16.55)	9.488	3628965	20.811 ug/ml
9) T Phenanthrene (C19.36)	10.886	3703257	21.579 ug/ml
10) T Anthracene (C19.43)	10.960	3123361	19.882 ug/ml
12) T Fluoranthene (C21.85)	12.700	3693785	21.853 ug/ml
13) T Pyrene (C20.8)	12.998	3657610	21.808 ug/ml
14) T Benzo[a]anthracene (C...	14.868	3155976	21.955 ug/ml
15) T Chrysene (C27.41)	14.910	3209295	22.241 ug/ml
16) T benzo[b]fluoranthene ...	16.418	3011615	21.647 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2914449	21.310 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2639966	20.302 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	2436335	19.763 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2794614	22.101 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2557776	19.592 ug/ml

(f)=RT Delta > 1/2 Window

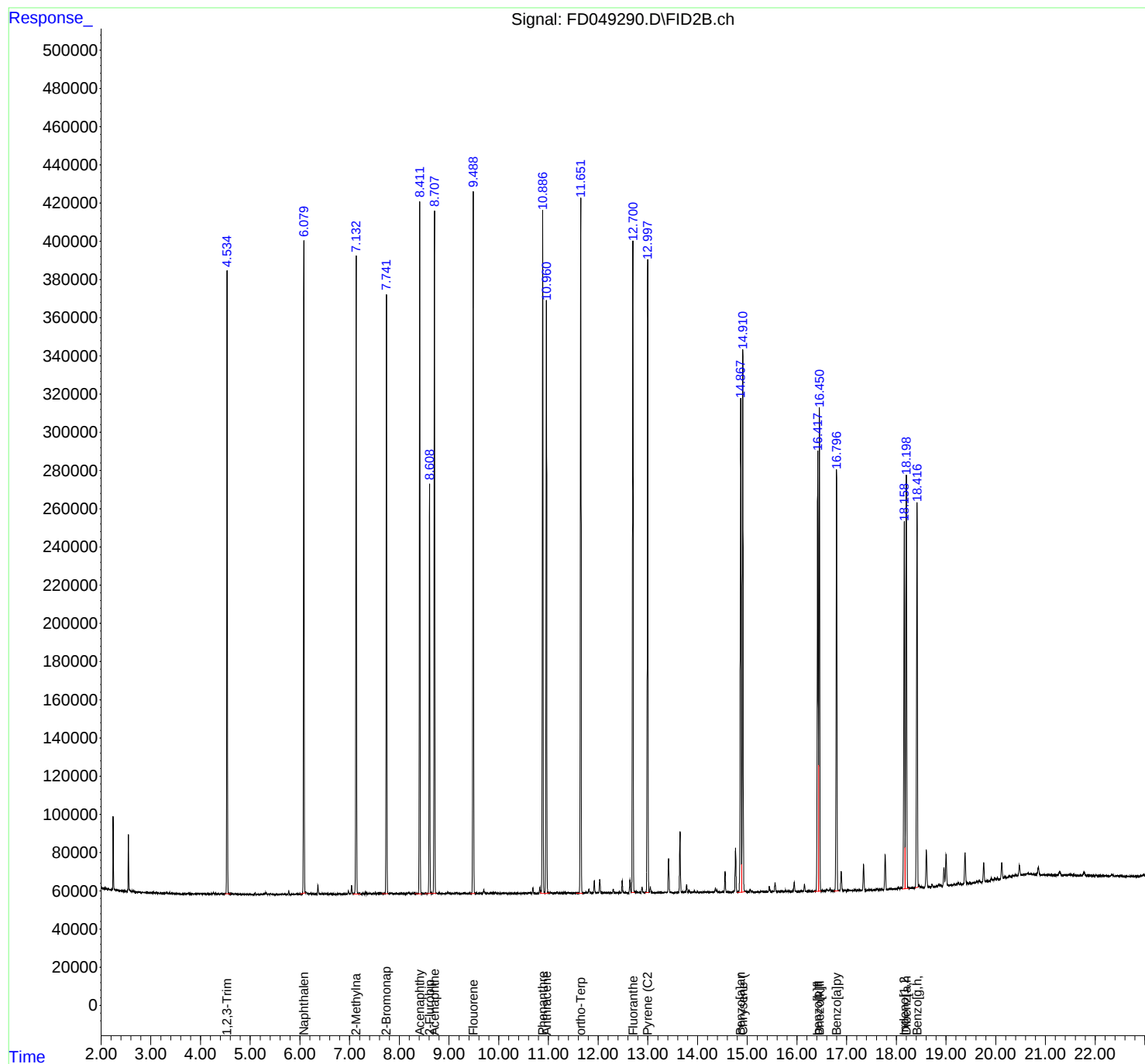
(m)=manual int.

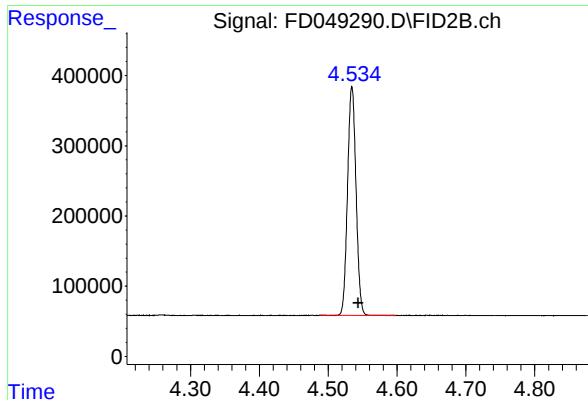
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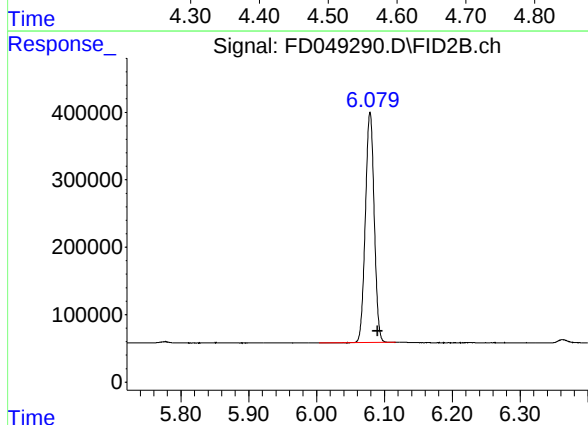




#1 1,2,3-Trimethylbenzene (C10.1)

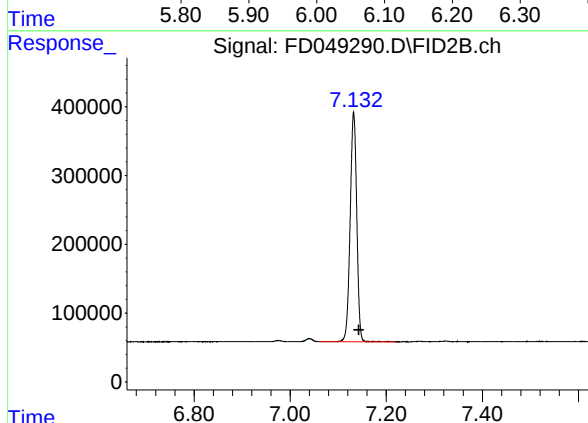
R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 2795624
Conc: 18.66 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



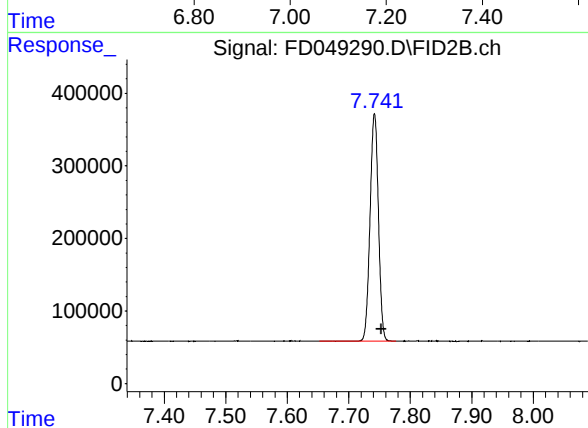
#2 Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.011 min
Response: 3087603
Conc: 18.86 ug/ml



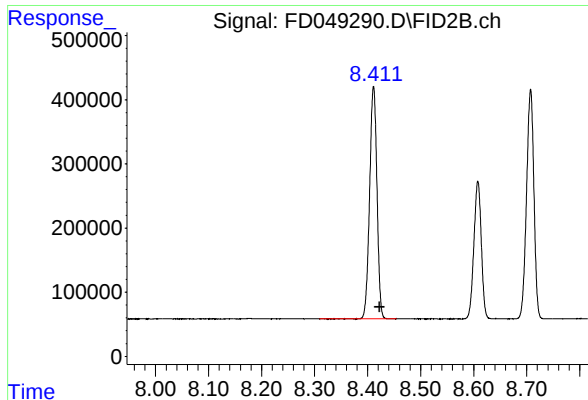
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.011 min
Response: 3184217
Conc: 19.69 ug/ml



#4 2-Bromonaphthalene (SURR)

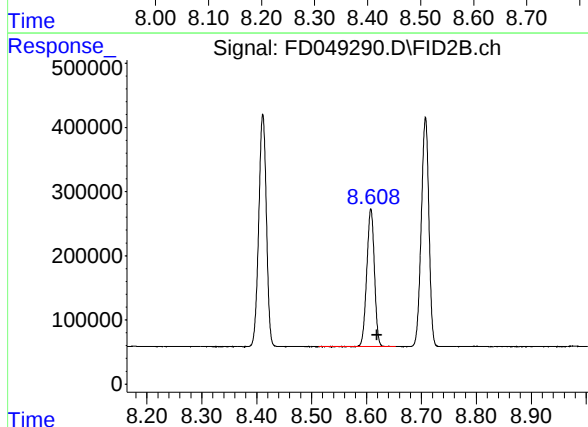
R.T.: 7.742 min
Delta R.T.: -0.011 min
Response: 2959903
Conc: 19.98 ug/ml



#5 Acenaphthylene (C15.06)

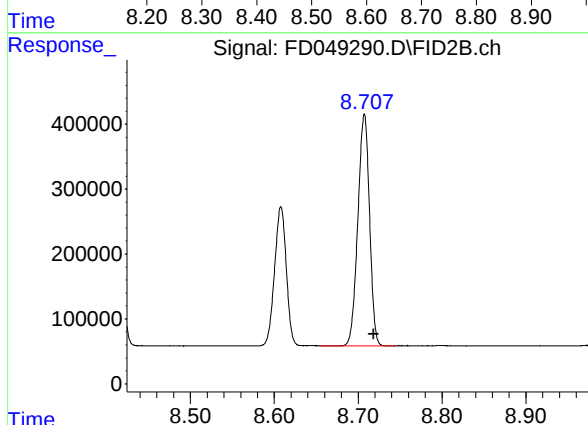
R.T.: 8.411 min
Delta R.T.: -0.011 min
Response: 3486541
Conc: 19.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



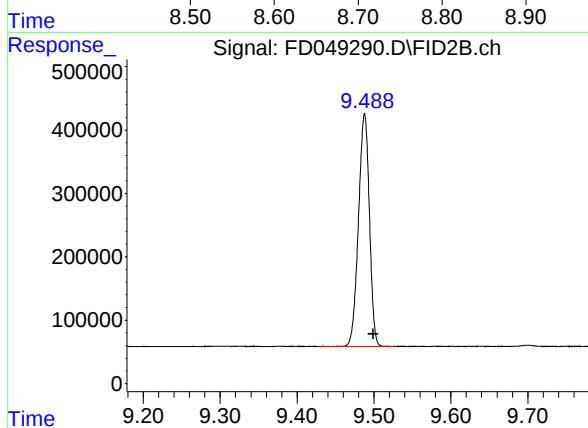
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: -0.011 min
Response: 2072609
Conc: 20.32 ug/ml



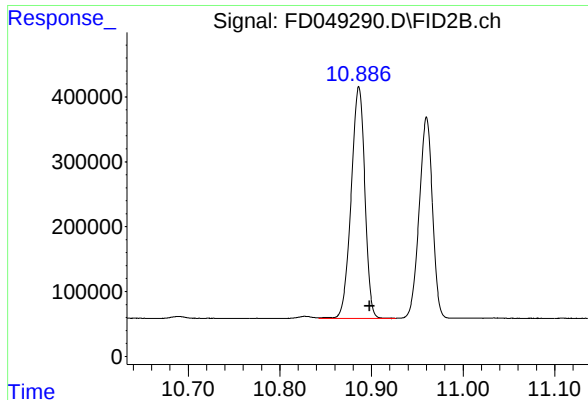
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: -0.011 min
Response: 3446283
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

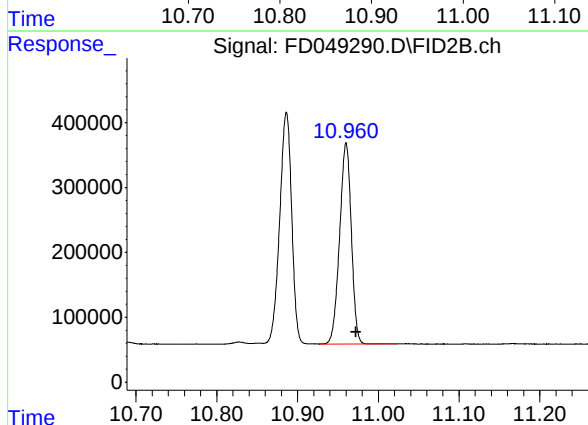
R.T.: 9.488 min
Delta R.T.: -0.011 min
Response: 3628965
Conc: 20.81 ug/ml



#9 Phenanthrene (C19.36)

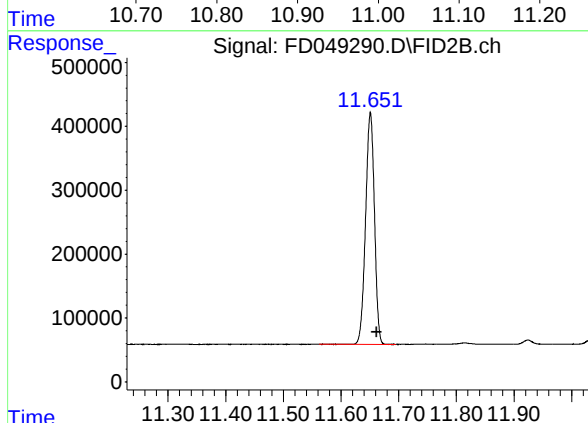
R.T.: 10.886 min
Delta R.T.: -0.012 min
Response: 3703257
Conc: 21.58 ug/ml

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20 PPM AROMATIC HC STD



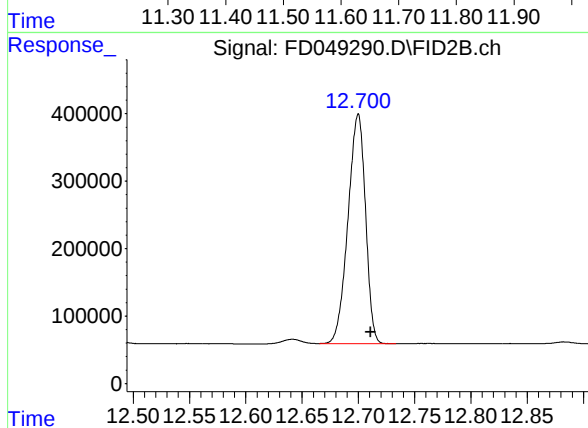
#10 Anthracene (C19.43)

R.T.: 10.960 min
Delta R.T.: -0.012 min
Response: 3123361
Conc: 19.88 ug/ml



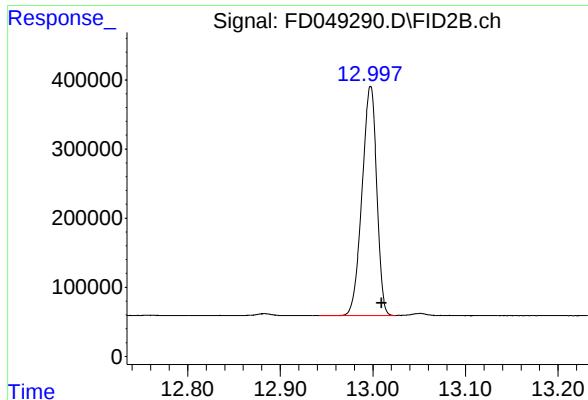
#11 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 3876634
Conc: 22.00 ug/ml



#12 Fluoranthene (C21.85)

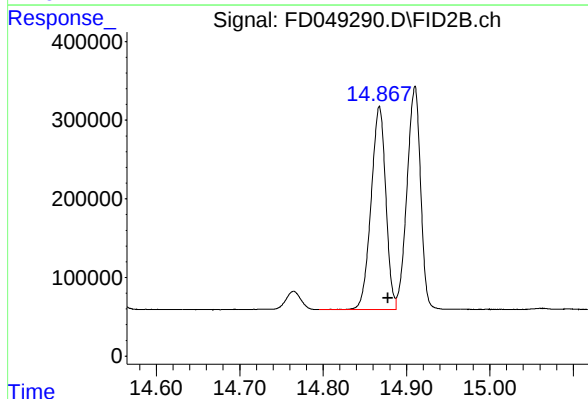
R.T.: 12.700 min
Delta R.T.: -0.011 min
Response: 3693785
Conc: 21.85 ug/ml



#13 Pyrene (C20.8)

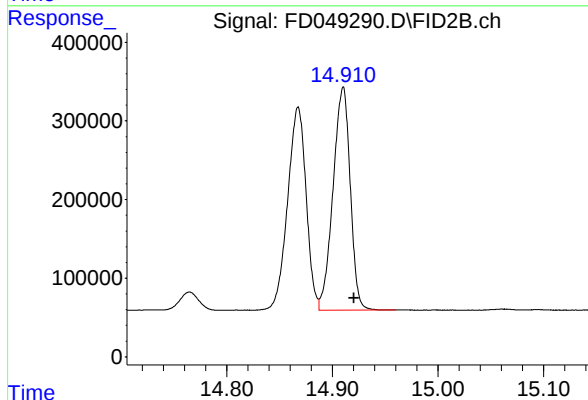
R.T.: 12.998 min
Delta R.T.: -0.012 min
Response: 3657610
Conc: 21.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



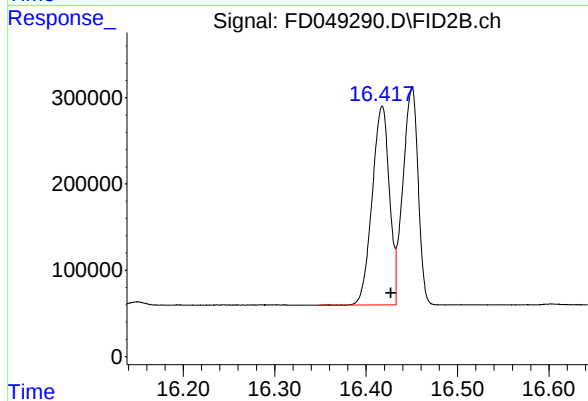
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: -0.010 min
Response: 3155976
Conc: 21.96 ug/ml



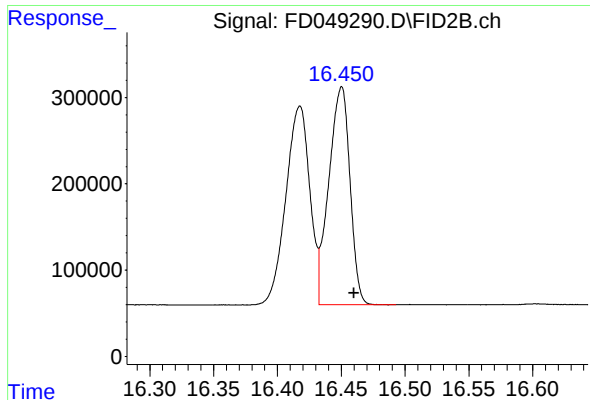
#15 Chrysene (C27.41)

R.T.: 14.910 min
Delta R.T.: -0.010 min
Response: 3209295
Conc: 22.24 ug/ml



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

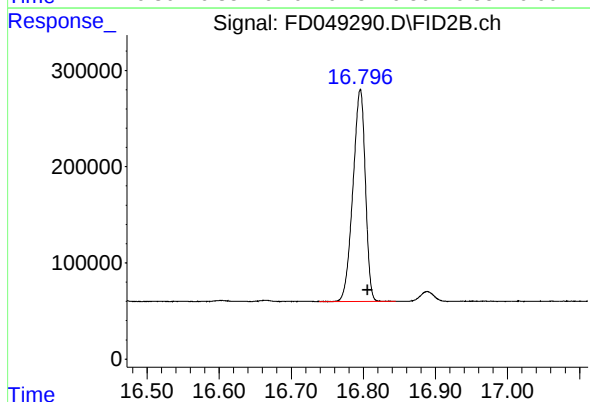
R.T.: 16.418 min
Delta R.T.: -0.010 min
Response: 3011615
Conc: 21.65 ug/ml



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

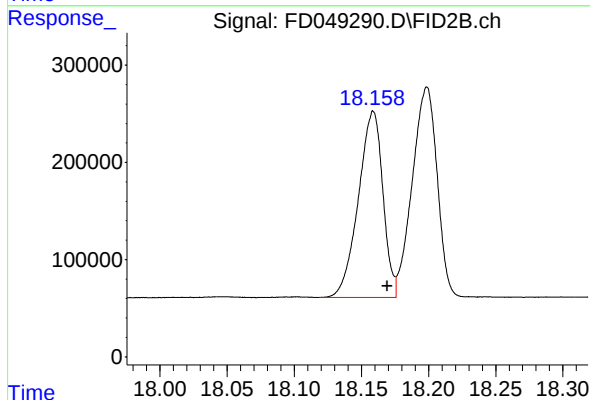
R.T.: 16.450 min
Delta R.T.: -0.010 min
Response: 2914449
Conc: 21.31 ug/ml

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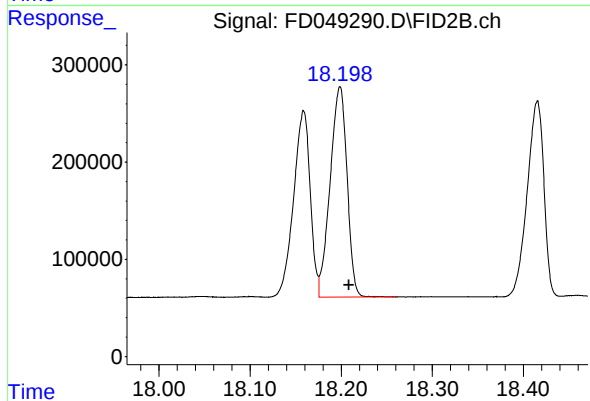
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: -0.010 min
Response: 2639966
Conc: 20.30 ug/ml



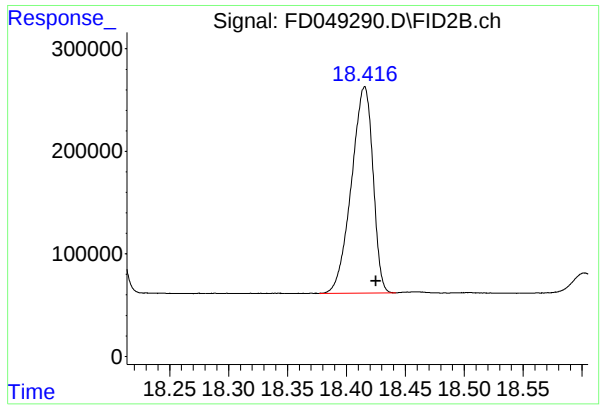
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: -0.010 min
Response: 2436335
Conc: 19.76 ug/ml



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

R.T.: 18.199 min
Delta R.T.: -0.010 min
Response: 2794614
Conc: 22.10 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.010 min
Response: 2557776
Conc: 19.59 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD