

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050225AR\
 Data File : FD049315.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2025 15:56
 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: May 03 00:35:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 13:29:48 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...	7.740	2450470	20.667 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
6) S 2-Fluorobiphenyl (SURR)	8.605	1674009	21.197 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.39%
11) S ortho-Terphenyl (SURR)	11.650	2836884	20.554 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2490343	19.945 ug/ml
2) T Naphthalene (C11.7)	6.076	2690076	20.348 ug/ml
3) T 2-Methylnaphthalene (...)	7.130	2674786	20.734 ug/ml
5) T Acenaphthylene (C15.06)	8.409	2927981	20.741 ug/ml
7) T Acenaphthene (C15.5)	8.705	2838748	20.719 ug/ml
8) T Flouorene (C16.55)	9.485	2866966	21.063 ug/ml
9) T Phenanthrene (C19.36)	10.884	2794824	20.730 ug/ml
10) T Anthracene (C19.43)	10.958	2533001	21.417 ug/ml
12) T Fluoranthene (C21.85)	12.698	2741123	20.340 ug/ml
13) T Pyrene (C20.8)	12.997	2727912	20.166 ug/ml
14) T Benzo[a]anthracene (C...	14.868	2317415	20.232 ug/ml
15) T Chrysene (C27.41)	14.910	2339684	20.046 ug/ml
16) T benzo[b]fluoranthene ...	16.418	2376826	19.581 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2351169	19.714 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	2275467	19.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	2159637	19.679 ug/ml
20) T Dibenz[a,h]anthracene...	18.201	2190100	20.737 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	2348101	19.704 ug/ml

(f)=RT Delta > 1/2 Window

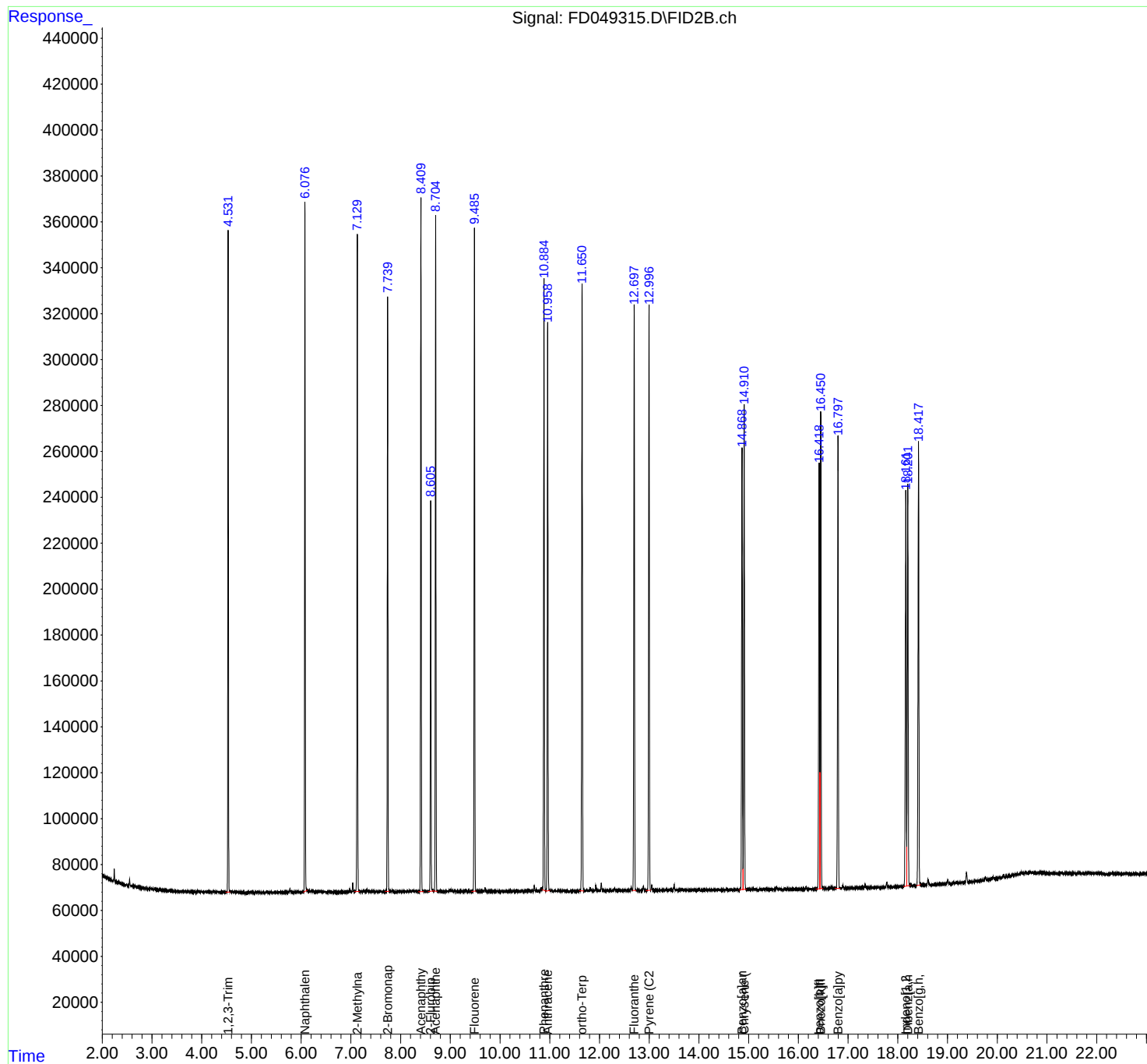
(m)=manual int.

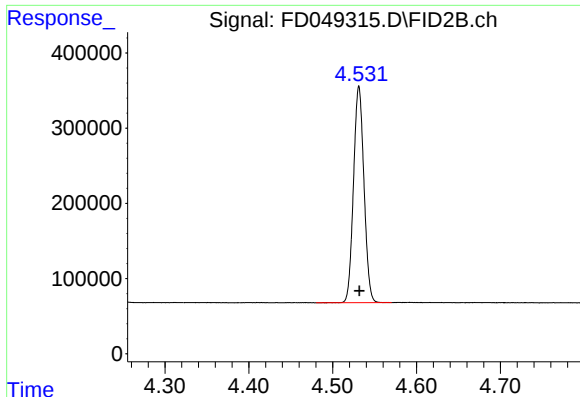
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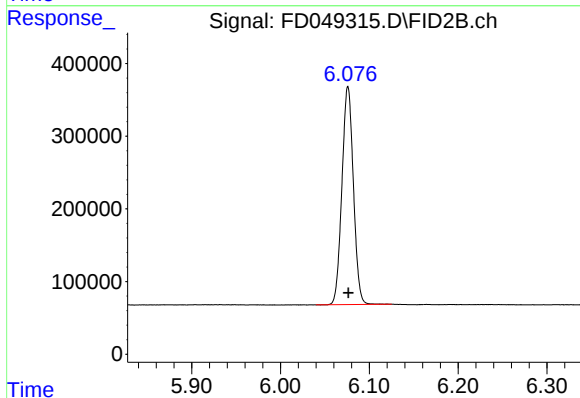




#1 1,2,3-Trimethylbenzene (C10.1)

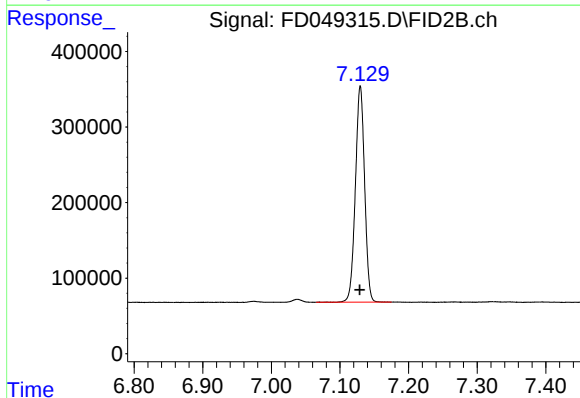
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2490343
Conc: 19.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



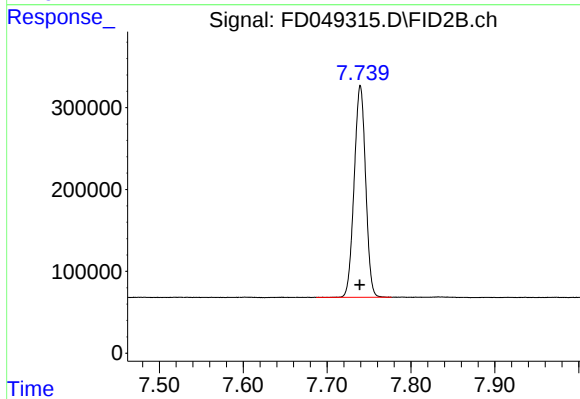
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2690076
Conc: 20.35 ug/ml



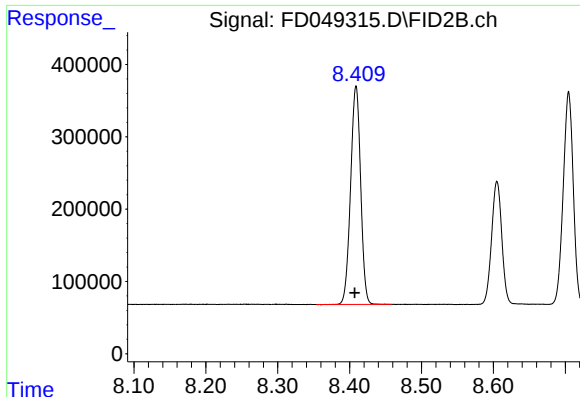
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 2674786
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

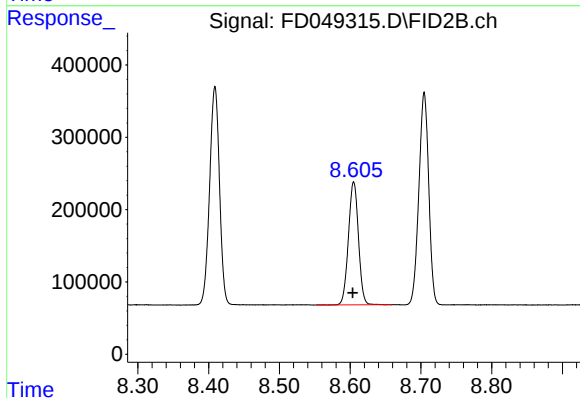
R.T.: 7.740 min
Delta R.T.: 0.000 min
Response: 2450470
Conc: 20.67 ug/ml



#5 Acenaphthylene (C15.06)

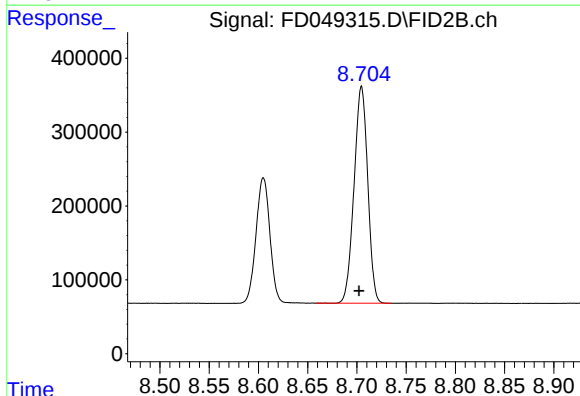
R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 2927981
Conc: 20.74 ug/ml

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20 PPM AROMATIC HC STD



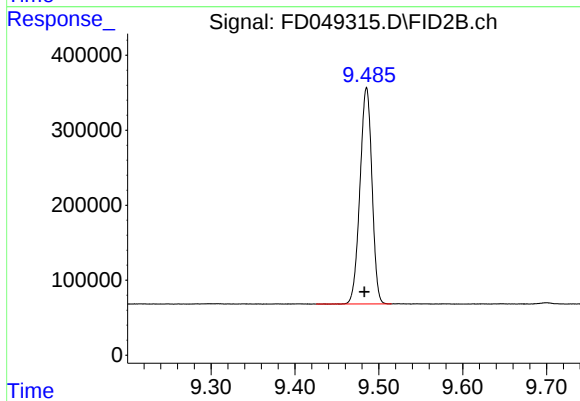
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.001 min
Response: 1674009
Conc: 21.20 ug/ml



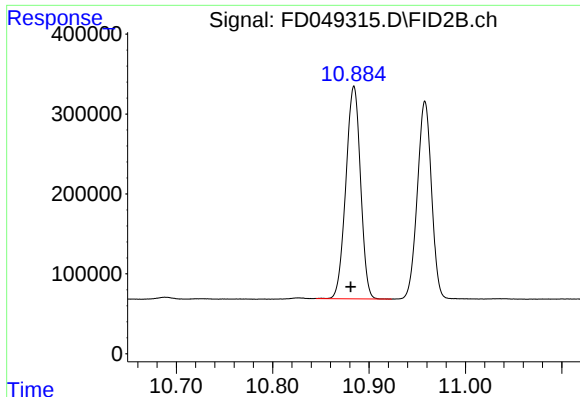
#7 Acenaphthene (C15.5)

R.T.: 8.705 min
Delta R.T.: 0.003 min
Response: 2838748
Conc: 20.72 ug/ml



#8 Flouorene (C16.55)

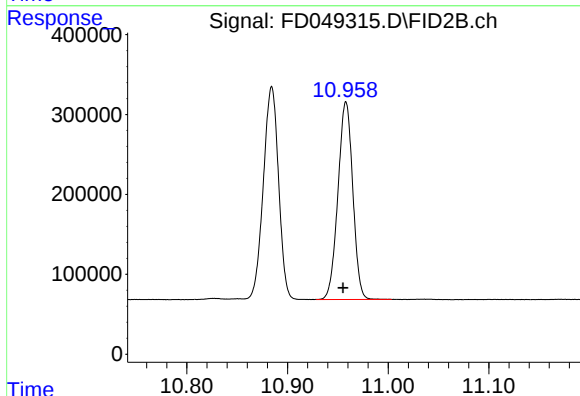
R.T.: 9.485 min
Delta R.T.: 0.003 min
Response: 2866966
Conc: 21.06 ug/ml



#9 Phenanthrene (C19.36)

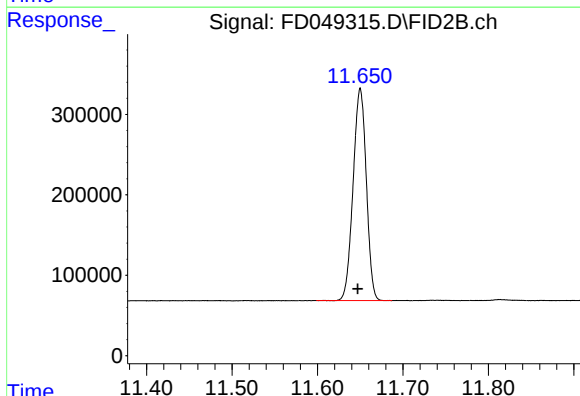
R.T.: 10.884 min
Delta R.T.: 0.003 min
Response: 2794824
Conc: 20.73 ug/ml

Instrument :
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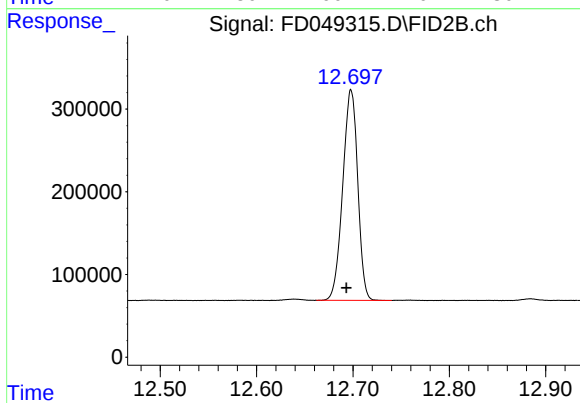
#10 Anthracene (C19.43)

R.T.: 10.958 min
Delta R.T.: 0.003 min
Response: 2533001
Conc: 21.42 ug/ml



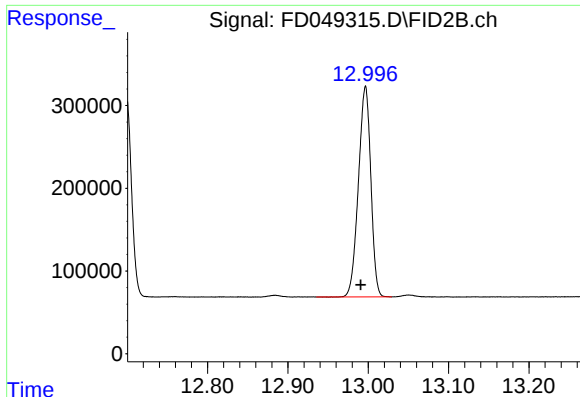
#11 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: 0.003 min
Response: 2836884
Conc: 20.55 ug/ml



#12 Fluoranthene (C21.85)

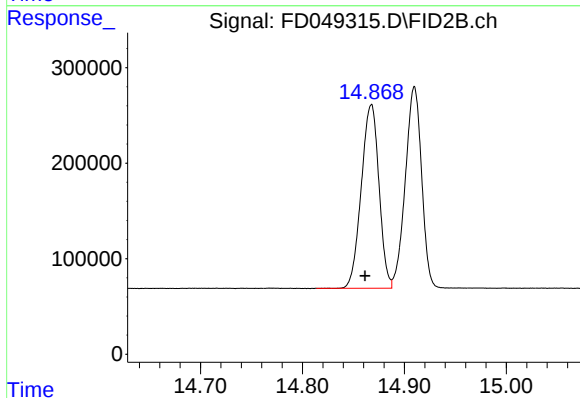
R.T.: 12.698 min
Delta R.T.: 0.005 min
Response: 2741123
Conc: 20.34 ug/ml



#13 Pyrene (C20.8)

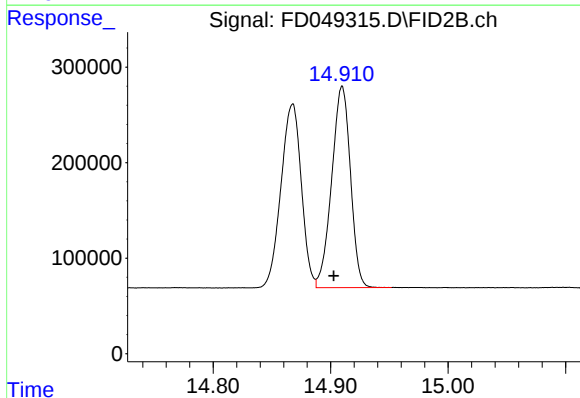
R.T.: 12.997 min
Delta R.T.: 0.006 min
Response: 2727912
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



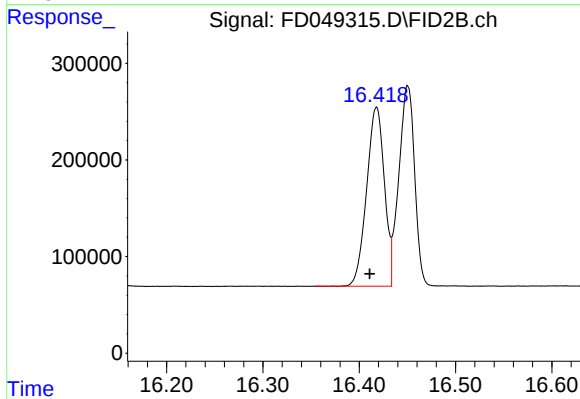
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: 0.006 min
Response: 2317415
Conc: 20.23 ug/ml



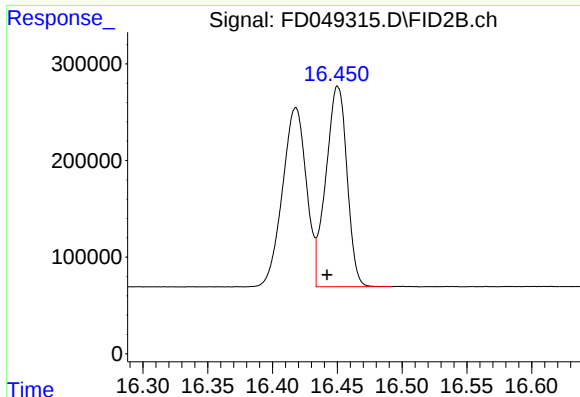
#15 Chrysene (C27.41)

R.T.: 14.910 min
Delta R.T.: 0.007 min
Response: 2339684
Conc: 20.05 ug/ml



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

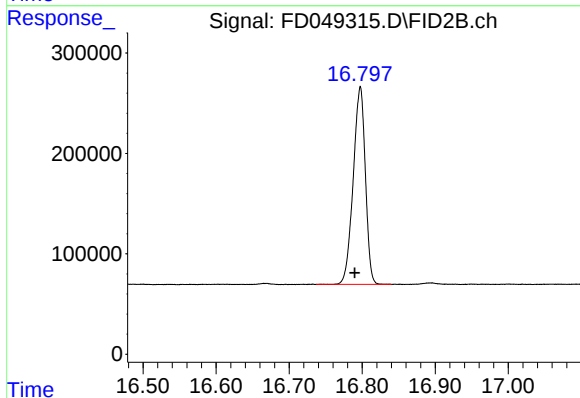
R.T.: 16.418 min
Delta R.T.: 0.007 min
Response: 2376826
Conc: 19.58 ug/ml



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

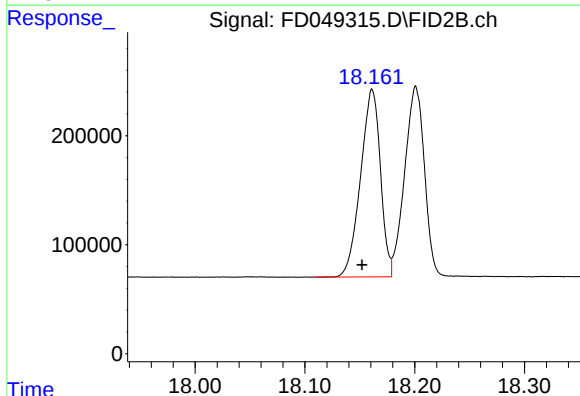
R.T.: 16.450 min
Delta R.T.: 0.008 min
Response: 2351169
Conc: 19.71 ug/ml

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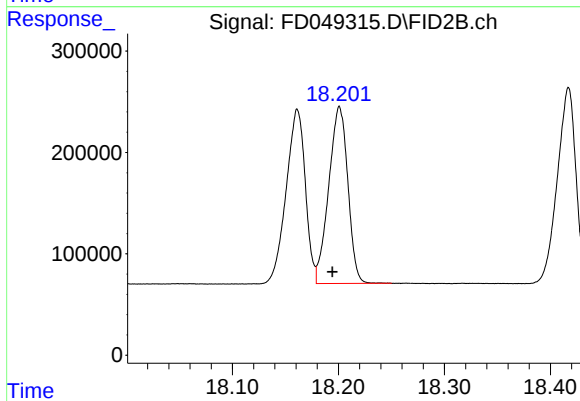
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.008 min
Response: 2275467
Conc: 19.79 ug/ml



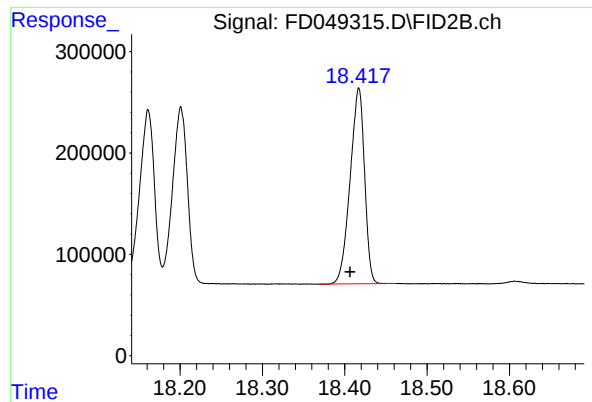
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.009 min
Response: 2159637
Conc: 19.68 ug/ml



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

R.T.: 18.201 min
Delta R.T.: 0.007 min
Response: 2190100
Conc: 20.74 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.011 min
Response: 2348101
Conc: 19.70 ug/ml

Instrument :

FID_D

ClientSampleId :

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