

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013025AR\
 Data File : FD049017.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 12:30
 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: Jan 31 00:51:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.357	2858002	20.081 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
6) S 2-Fluorobiphenyl (SURR)	8.208	1711436	20.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.23%
11) S ortho-Terphenyl (SURR)	11.238	3224005	19.605 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3138806	20.362 ug/ml
2) T Naphthalene (C11.7)	5.697	3191305	20.416 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	3172677	20.452 ug/ml
5) T Acenaphthylene (C15.06)	8.008	3259282	19.929 ug/ml
7) T Acenaphthene (C15.5)	8.300	3327075	19.808 ug/ml
8) T Fluorene (C16.55)	9.082	3152287	20.151 ug/ml
9) T Phenanthrene (C19.36)	10.468	3032947	19.914 ug/ml
10) T Anthracene (C19.43)	10.546	3020173	19.827 ug/ml
12) T Fluoranthene (C21.85)	12.272	3141896	19.975 ug/ml
13) T Pyrene (C20.8)	12.565	3088492	19.605 ug/ml
14) T Benzo[a]anthracene (C...	14.434	2716606	21.111 ug/ml
15) T Chrysene (C27.41)	14.475	3315705	19.608 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2849910	20.858 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3174312	19.600 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2831047	20.341 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2014048	19.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3006296	21.059 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2883548	20.216 ug/ml

(f)=RT Delta > 1/2 Window

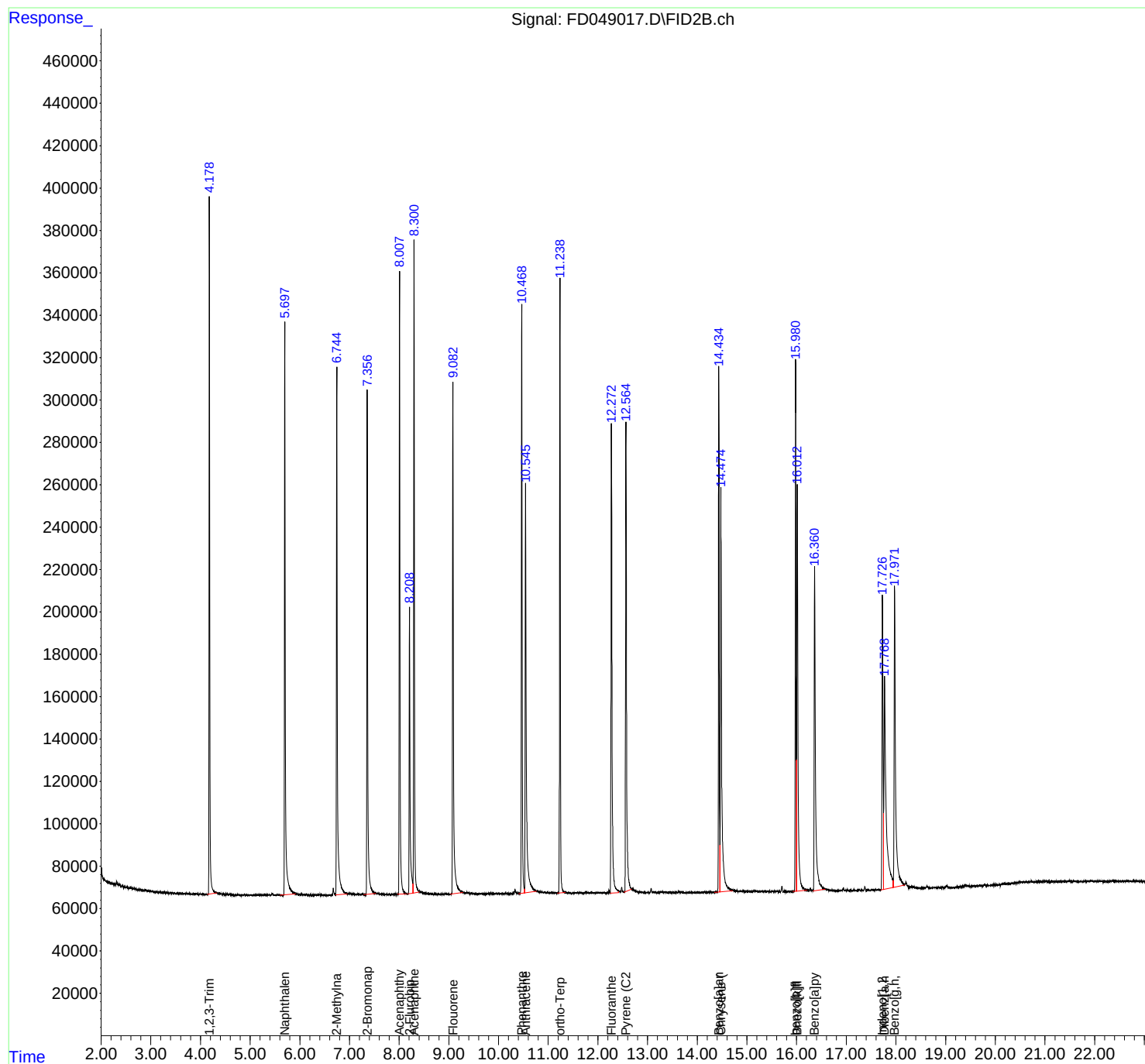
(m)=manual int.

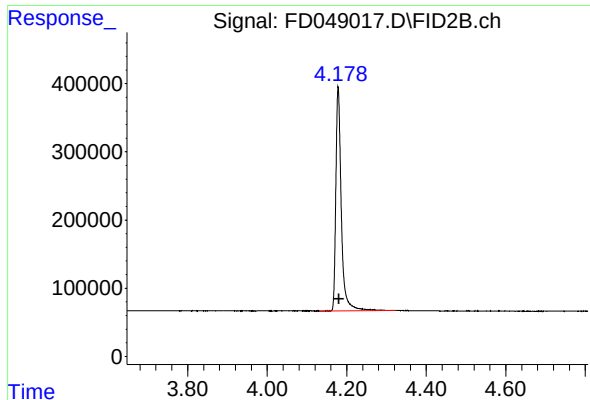
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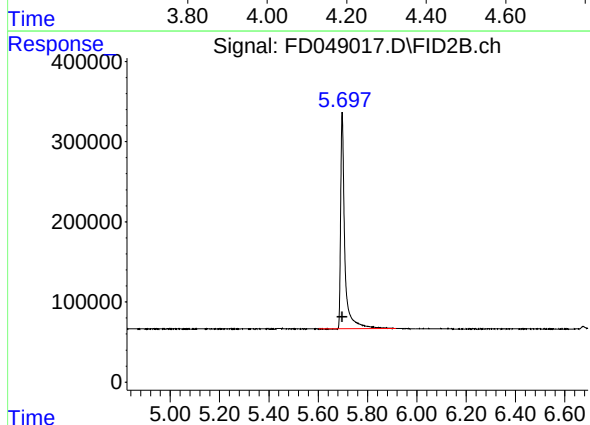




#1 1,2,3-Trimethylbenzene (C10.1)

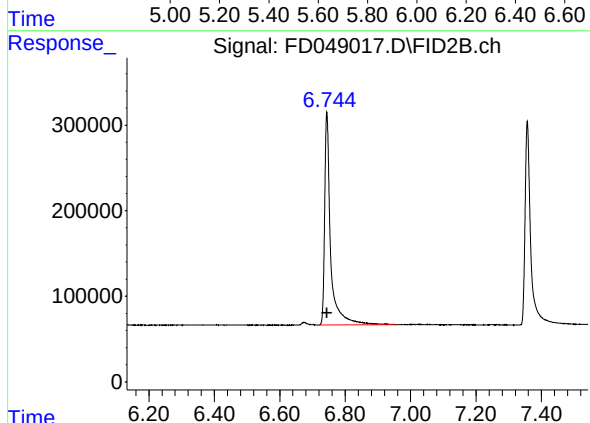
R.T.: 4.179 min
Delta R.T.: -0.001 min
Response: 3138806
Conc: 20.36 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



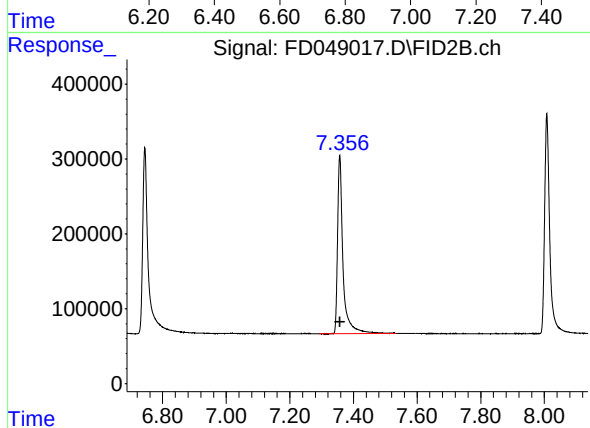
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.001 min
Response: 3191305
Conc: 20.42 ug/ml



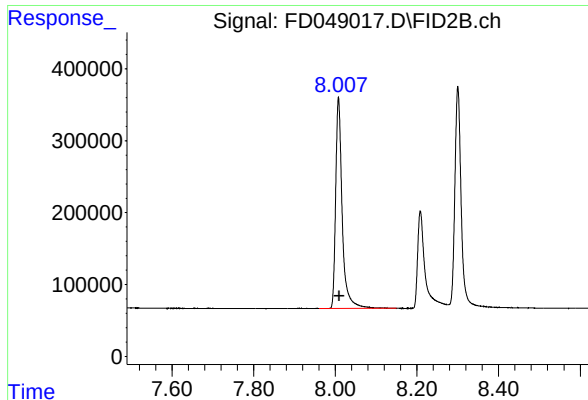
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3172677
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

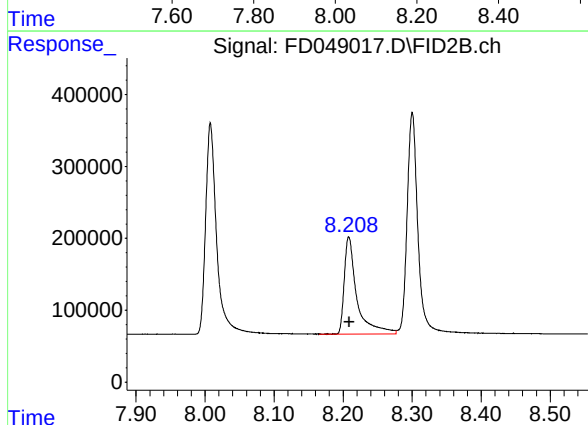
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2858002
Conc: 20.08 ug/ml



#5 Acenaphthylene (C15.06)

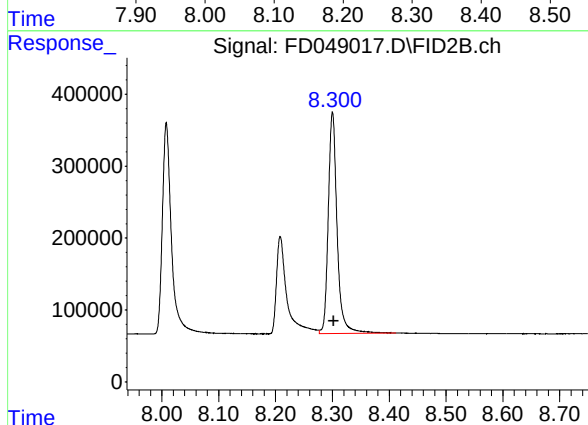
R.T.: 8.008 min
Delta R.T.: -0.001 min
Response: 3259282
Conc: 19.93 ug/ml

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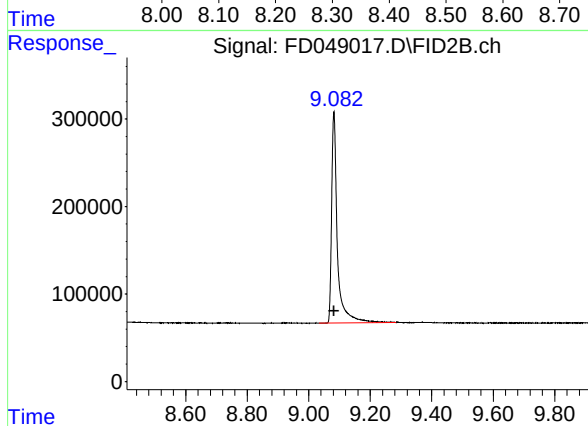
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 1711436
Conc: 20.11 ug/ml



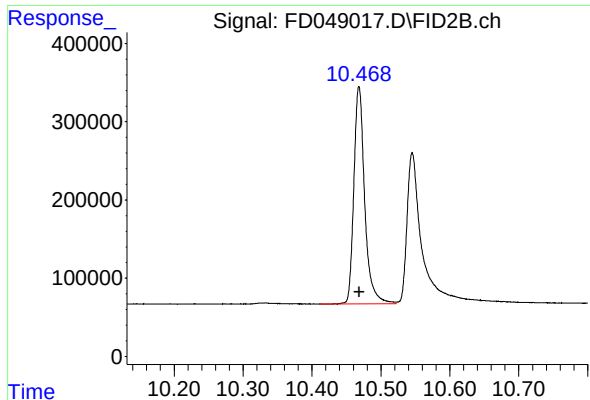
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 3327075
Conc: 19.81 ug/ml



#8 Flouorene (C16.55)

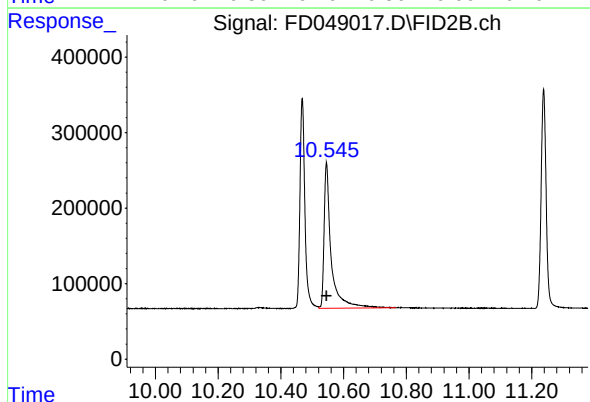
R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 3152287
Conc: 20.15 ug/ml



#9 Phenanthrene (C19.36)

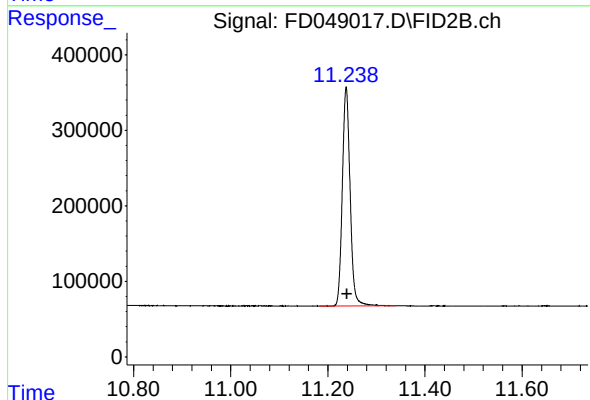
R.T.: 10.468 min
Delta R.T.: 0.000 min
Response: 3032947
Conc: 19.91 ug/ml

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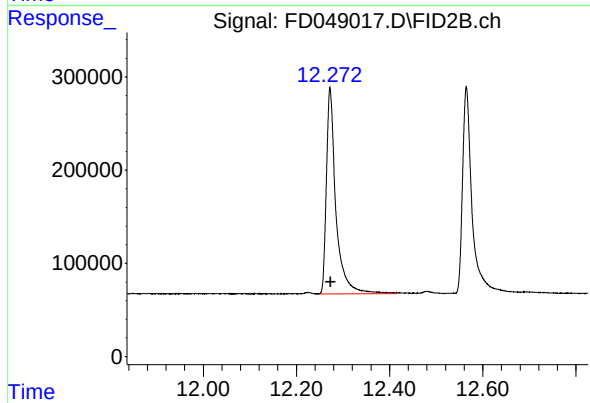
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 3020173
Conc: 19.83 ug/ml



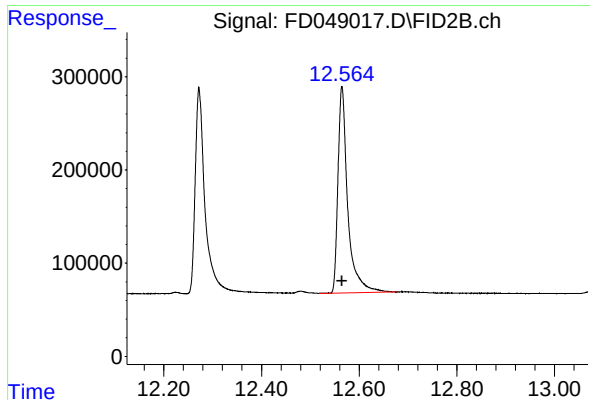
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.001 min
Response: 3224005
Conc: 19.60 ug/ml



#12 Fluoranthene (C21.85)

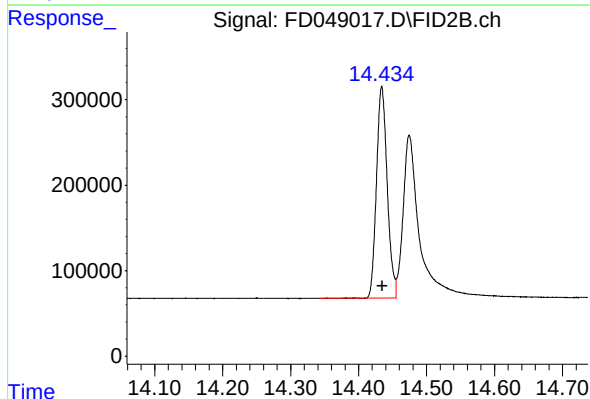
R.T.: 12.272 min
Delta R.T.: 0.000 min
Response: 3141896
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

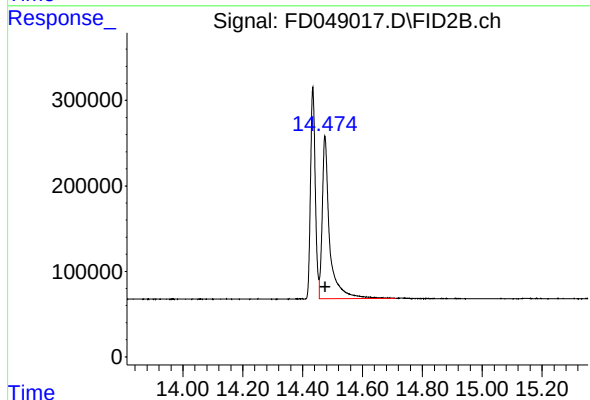
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3088492
Conc: 19.61 ug/ml

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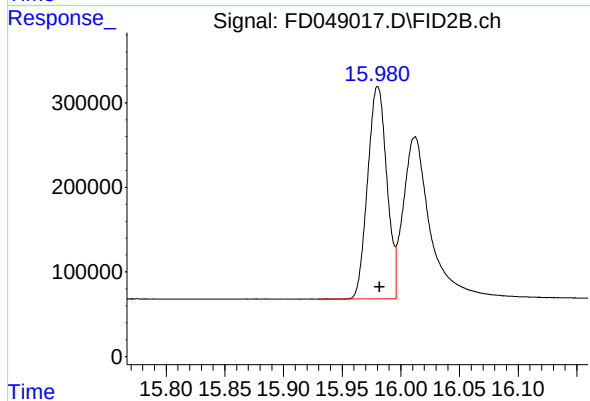
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.000 min
Response: 2716606
Conc: 21.11 ug/ml



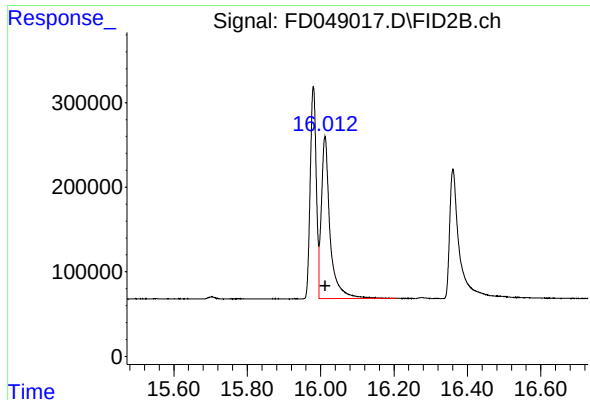
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: -0.002 min
Response: 3315705
Conc: 19.61 ug/ml



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

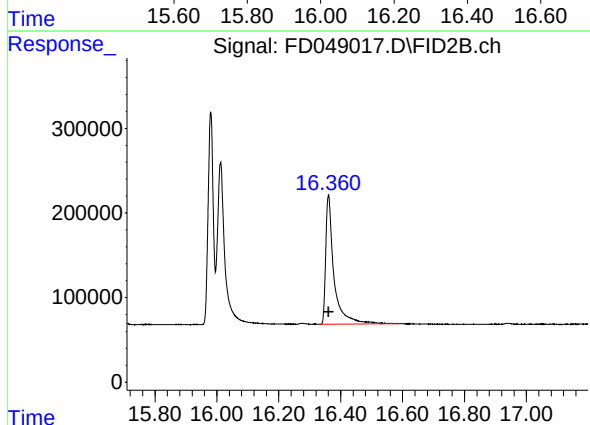
R.T.: 15.980 min
Delta R.T.: -0.001 min
Response: 2849910
Conc: 20.86 ug/ml



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

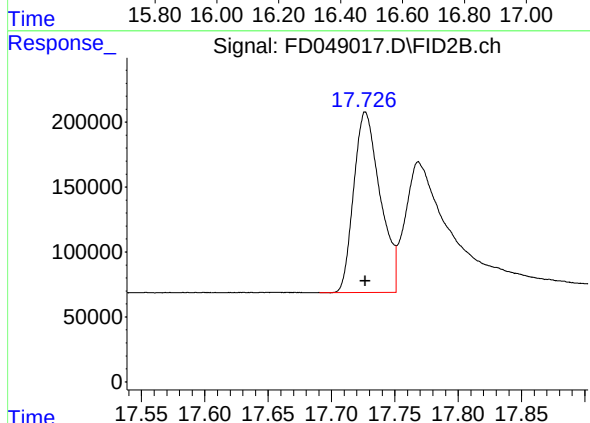
R.T.: 16.012 min
Delta R.T.: 0.000 min
Response: 3174312
Conc: 19.60 ug/ml

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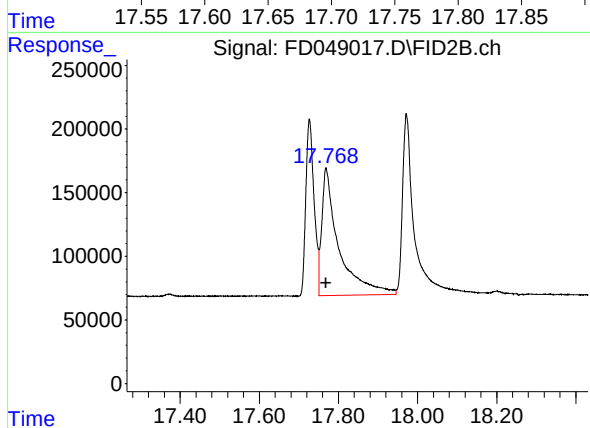
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.000 min
Response: 2831047
Conc: 20.34 ug/ml



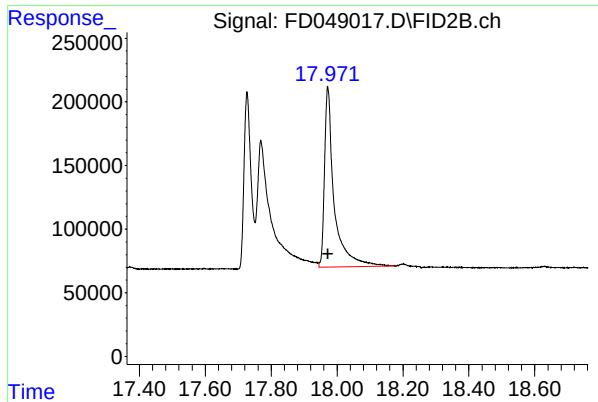
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 2014048
Conc: 19.31 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 3006296
Conc: 21.06 ug/ml



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

R.T.: 17.972 min

Delta R.T.: 0.000 min

Response: 2883548

Conc: 20.22 ug/ml

Instrument :

FID_D

ClientSampleId :

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