

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031125AR\
 Data File : FD049179.D
 Signal(s) : FID2B.ch
 Acq On : 11 Mar 2025 08:00
 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: Mar 11 13:57:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 10:50:40 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...	7.350	2994178	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
6) S 2-Fluorobiphenyl (SURR)	8.203	1602506	20.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.24%
11) S ortho-Terphenyl (SURR)	11.231	3418782	19.558 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3359024	20.325 ug/ml
2) T Naphthalene (C11.7)	5.692	3340361	20.340 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3306759	20.171 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3410554	19.636 ug/ml
7) T Acenaphthene (C15.5)	8.294	3373912	18.024 ug/ml
8) T Fluorene (C16.55)	9.075	3254192	20.103 ug/ml
9) T Phenanthrene (C19.36)	10.462	3102729	19.726 ug/ml
10) T Anthracene (C19.43)	10.541	2949828	19.306 ug/ml
12) T Fluoranthene (C21.85)	12.267	3208323	19.879 ug/ml
13) T Pyrene (C20.8)	12.558	3216360	19.921 ug/ml
14) T Benzo[a]anthracene (C...	14.428	2527097	21.579 ug/ml
15) T Chrysene (C27.41)	14.469	3412131	21.844 ug/ml
16) T benzo[b]fluoranthene ...	15.975	2717687	20.758 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	3377374	20.871 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	2624098	19.052 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	1595334	16.382 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	2573523	22.108 ug/ml
21) T Benzo[g,h,i]perylene ...	17.972	2894163	23.393 ug/ml

(f)=RT Delta > 1/2 Window

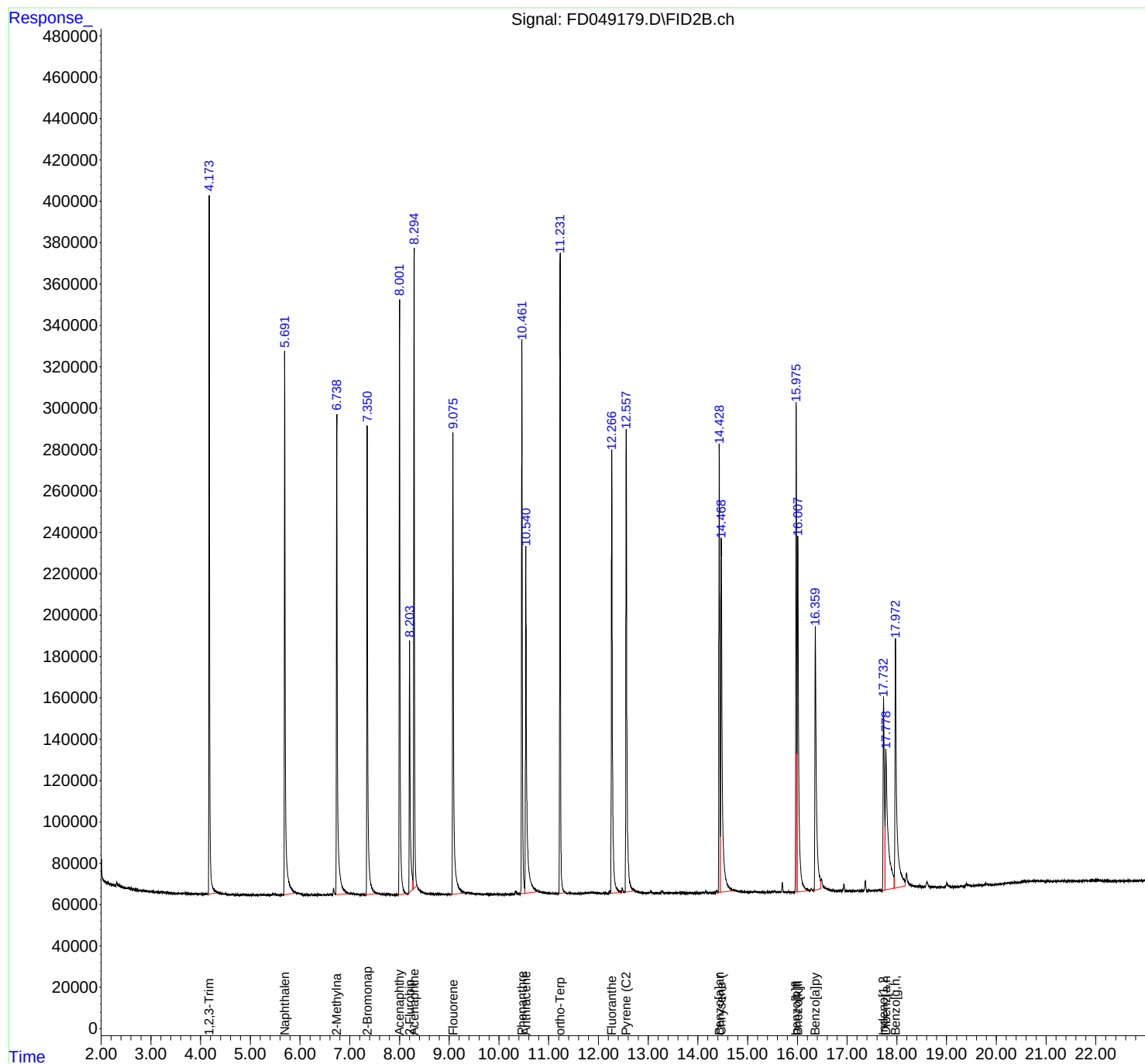
(m)=manual int.

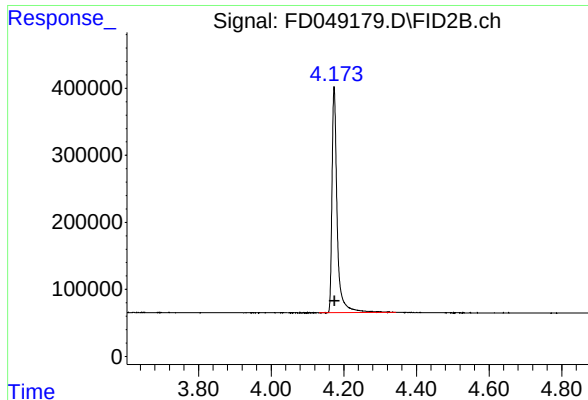
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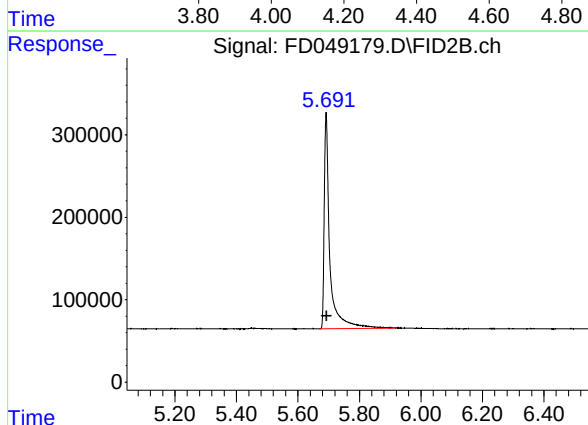




#1 1,2,3-Trimethylbenzene (C10.1)

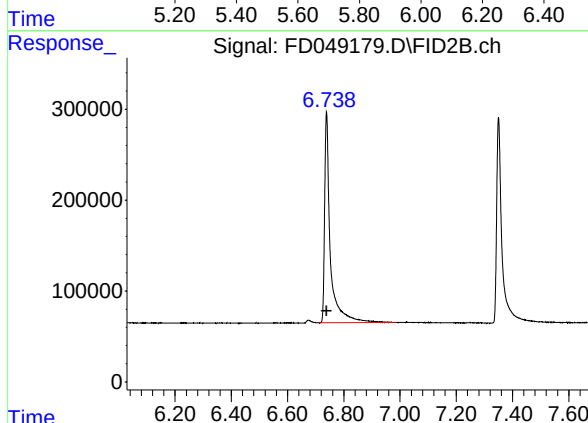
R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 3359024
Conc: 20.32 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



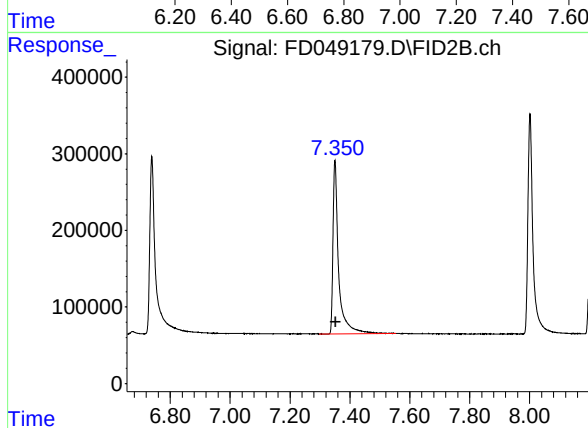
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 3340361
Conc: 20.34 ug/ml



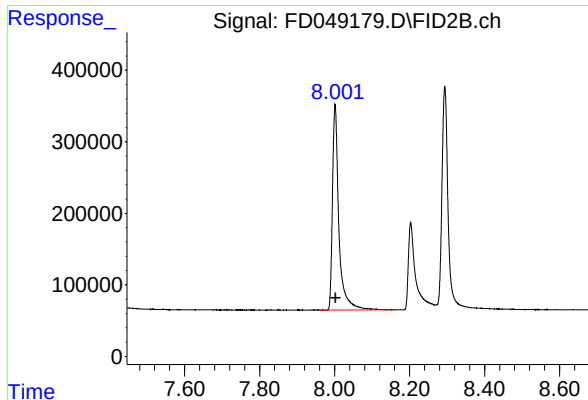
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 3306759
Conc: 20.17 ug/ml



#4 2-Bromonaphthalene (SURR)

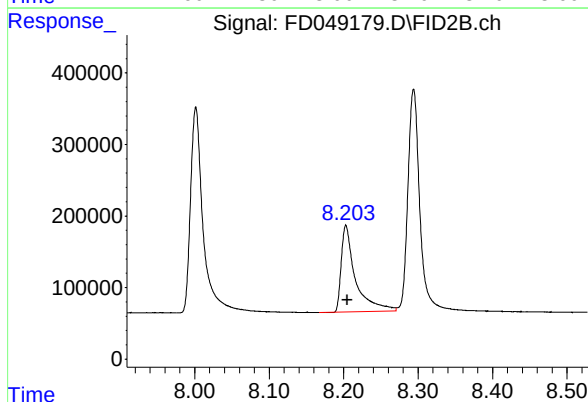
R.T.: 7.350 min
Delta R.T.: -0.002 min
Response: 2994178
Conc: 19.69 ug/ml



#5 Acenaphthylene (C15.06)

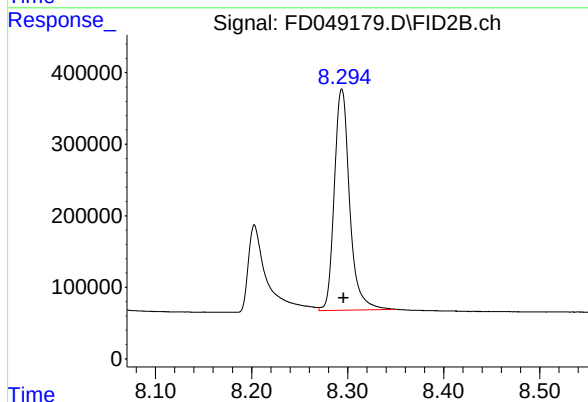
R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 3410554
Conc: 19.64 ug/ml

Instrument :
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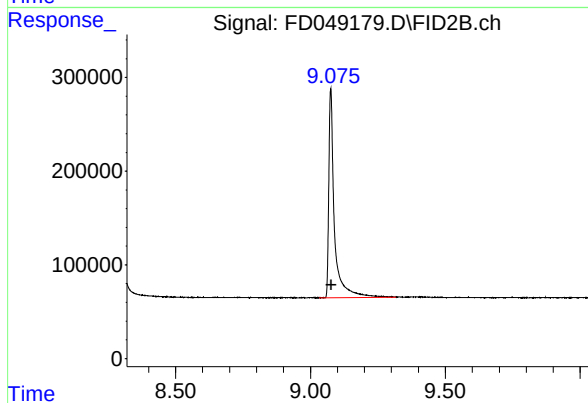
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.002 min
Response: 1602506
Conc: 20.12 ug/ml



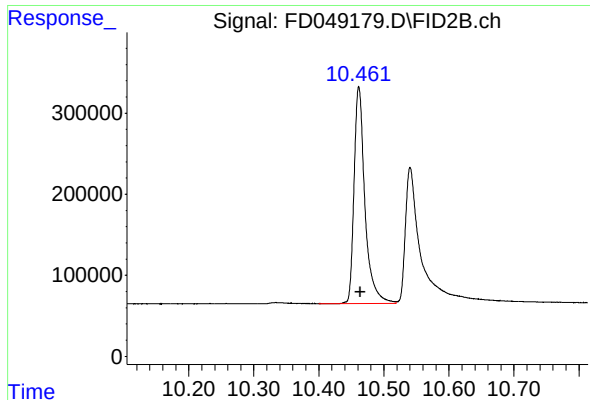
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 3373912
Conc: 18.02 ug/ml



#8 Flouorene (C16.55)

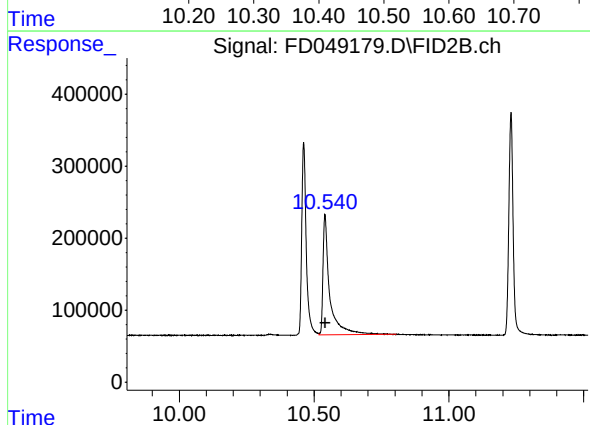
R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 3254192
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

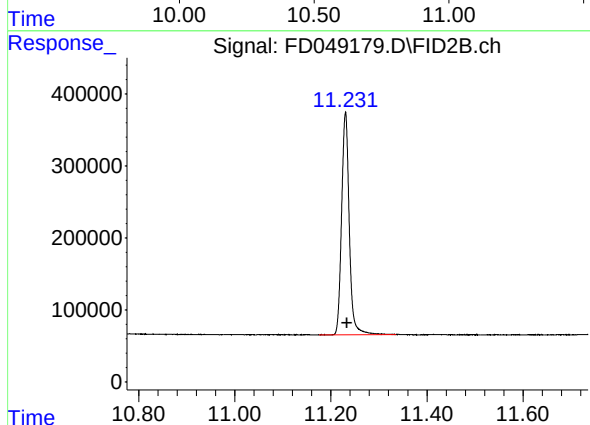
R.T.: 10.462 min
Delta R.T.: -0.002 min
Response: 3102729
Conc: 19.73 ug/ml

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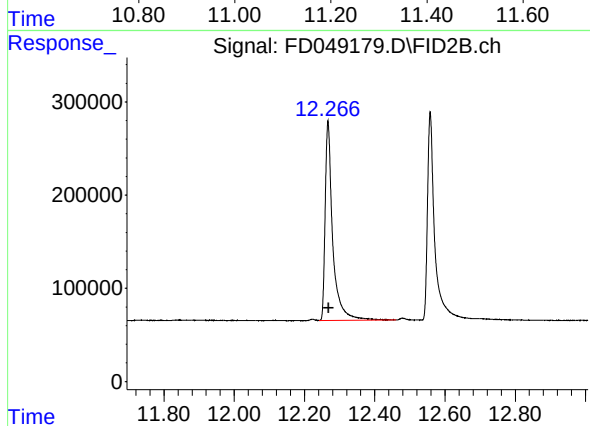
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.002 min
Response: 2949828
Conc: 19.31 ug/ml



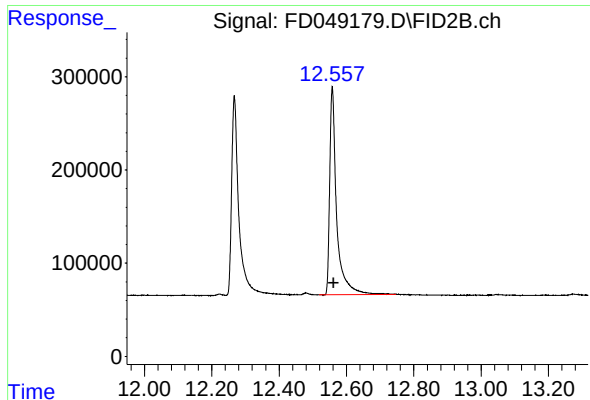
#11 ortho-Terphenyl (SURRE)

R.T.: 11.231 min
Delta R.T.: -0.003 min
Response: 3418782
Conc: 19.56 ug/ml



#12 Fluoranthene (C21.85)

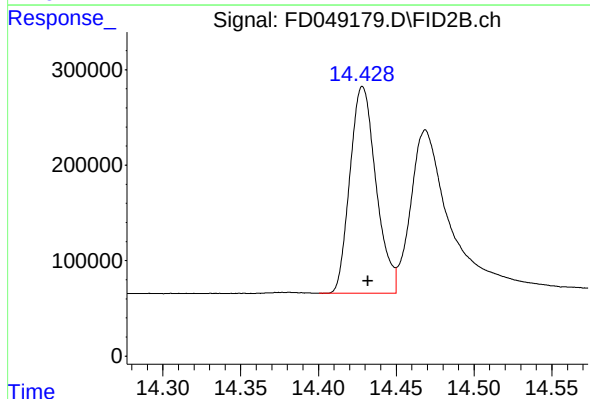
R.T.: 12.267 min
Delta R.T.: -0.002 min
Response: 3208323
Conc: 19.88 ug/ml



#13 Pyrene (C20.8)

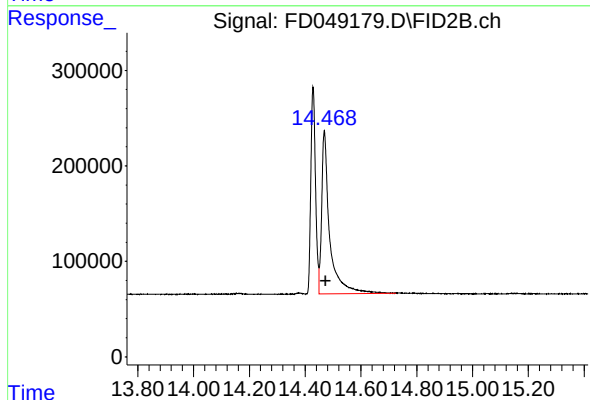
R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 3216360
Conc: 19.92 ug/ml

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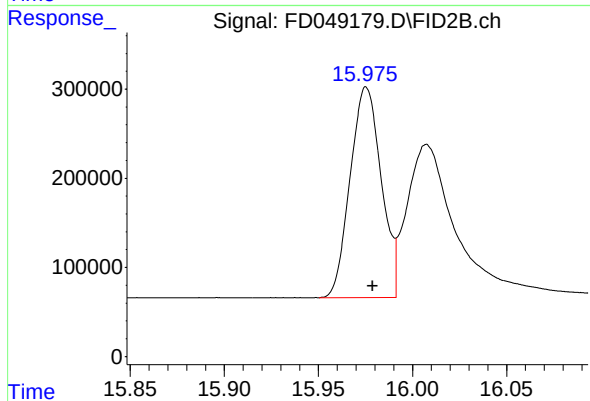
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.003 min
Response: 2527097
Conc: 21.58 ug/ml



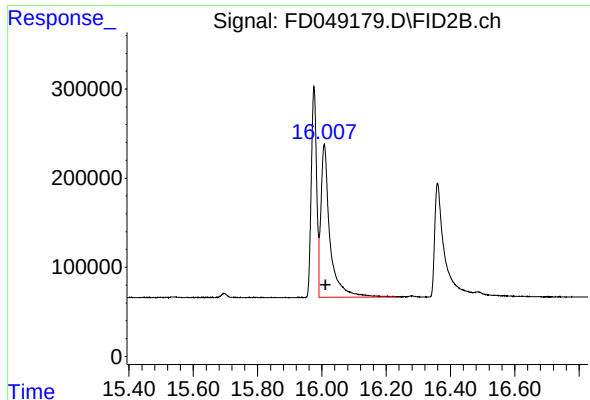
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.005 min
Response: 3412131
Conc: 21.84 ug/ml



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

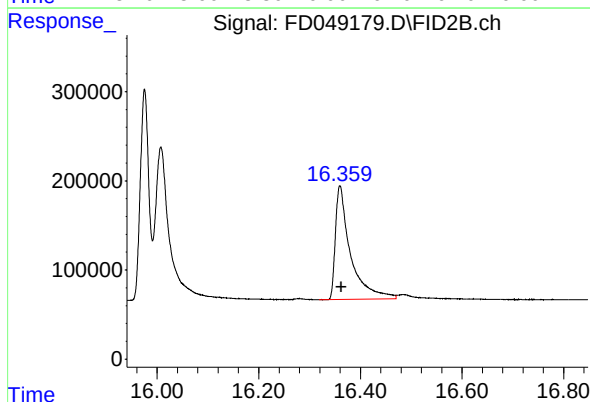
R.T.: 15.975 min
Delta R.T.: -0.003 min
Response: 2717687
Conc: 20.76 ug/ml



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

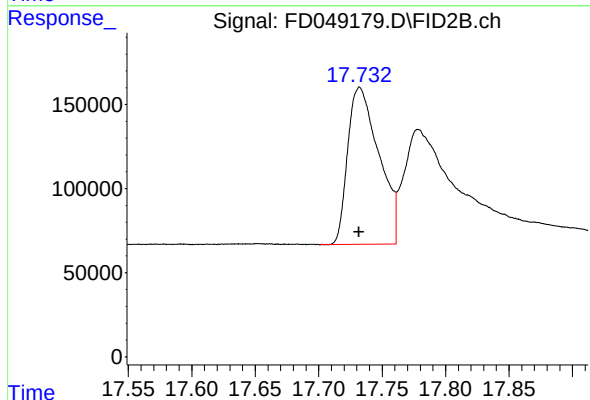
R.T.: 16.008 min
Delta R.T.: -0.003 min
Response: 3377374
Conc: 20.87 ug/ml

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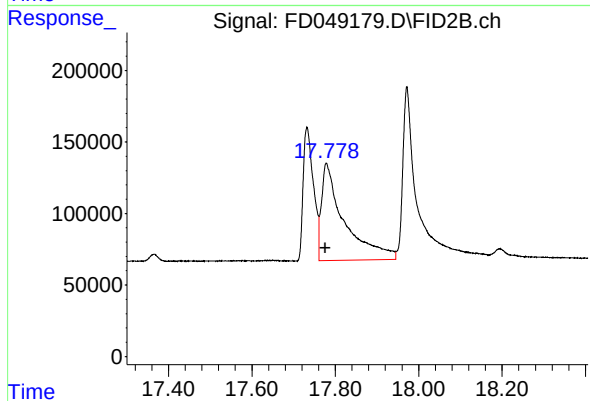
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: -0.002 min
Response: 2624098
Conc: 19.05 ug/ml



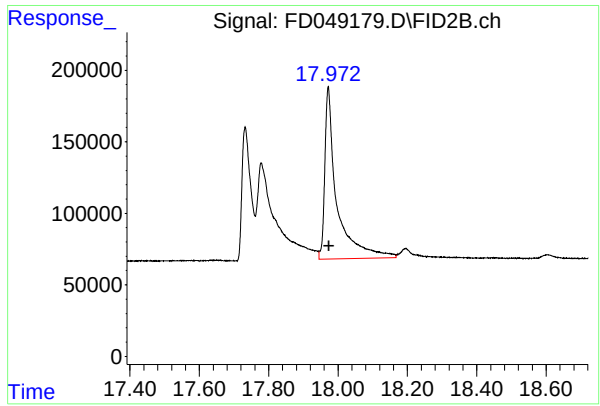
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 1595334
Conc: 16.38 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.003 min
Response: 2573523
Conc: 22.11 ug/ml



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

R.T.: 17.972 min
Delta R.T.: -0.003 min
Response: 2894163
Conc: 23.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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