

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021125AR\
 Data File : FD049074.D
 Signal(s) : FID2B.ch
 Acq On : 10 Feb 2025 14:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Feb 10 15:28:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 10 15:28:06 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...	7.351	2836644	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.202	1780140	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.233	3179603	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3122576	20.000 ug/ml
2) T Naphthalene (C11.7)	5.693	3140580	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3103501	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3196723	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.296	3207497	20.000 ug/ml
8) T Fluorene (C16.55)	9.076	3127465	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.463	2993262	20.000 ug/ml
10) T Anthracene (C19.43)	10.540	3009407	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.267	3071055	20.000 ug/ml
13) T Pyrene (C20.8)	12.558	3015302	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.429	2705035	20.000 ug/ml
15) T Chrysene (C27.41)	14.469	3106970	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.976	2807258	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	3041925	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2685830	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2142662	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	3107681	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	2831461	20.000 ug/ml

(f)=RT Delta > 1/2 Window

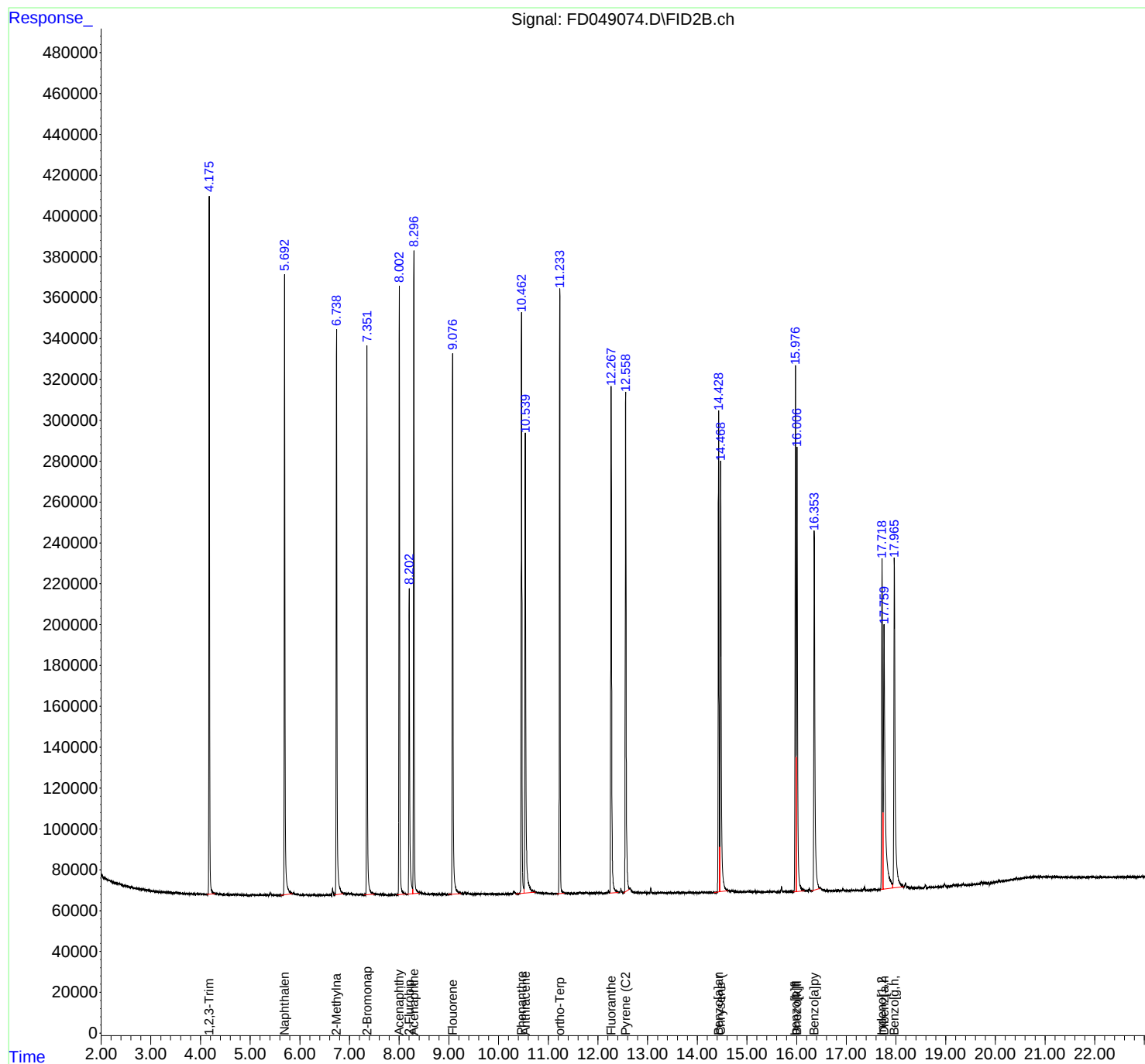
(m)=manual int.

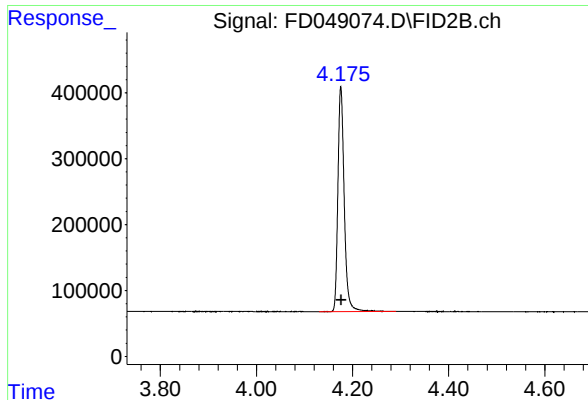
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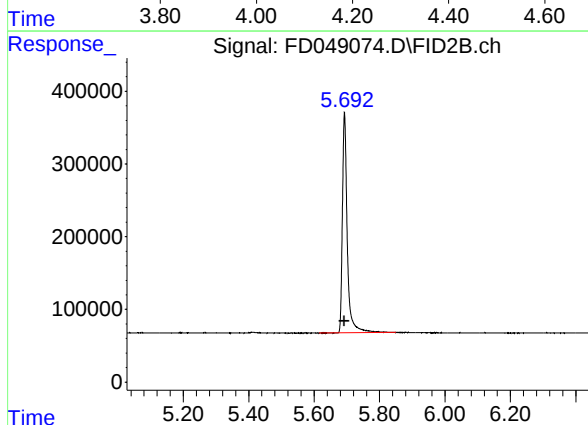




#1 1,2,3-Trimethylbenzene (C10.1)

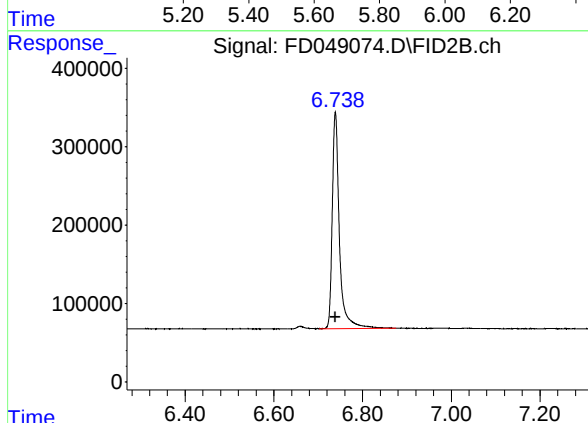
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 3122576
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



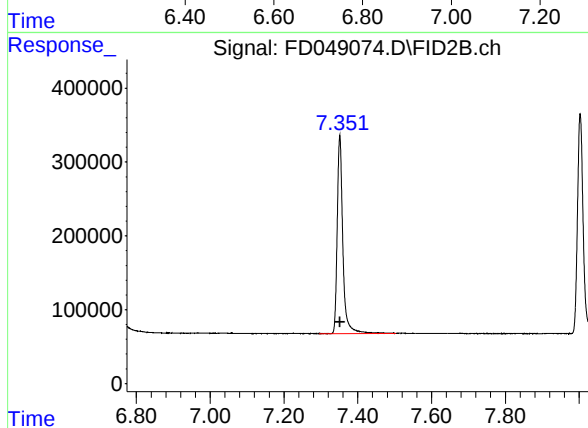
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3140580
Conc: 20.00 ug/ml



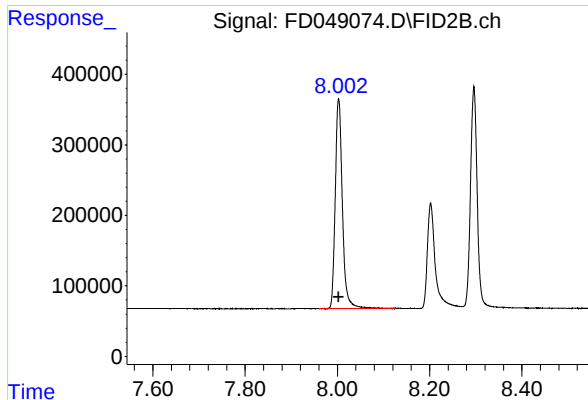
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3103501
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

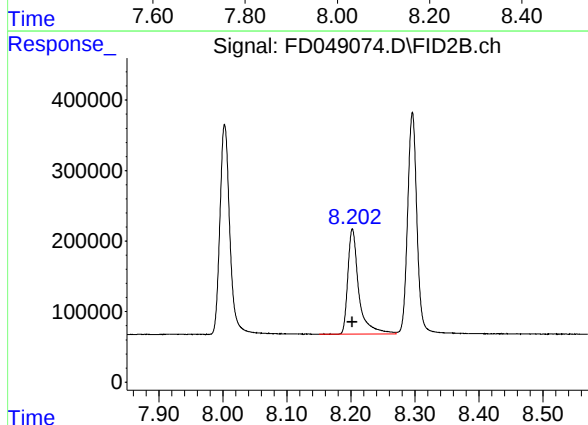
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2836644
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

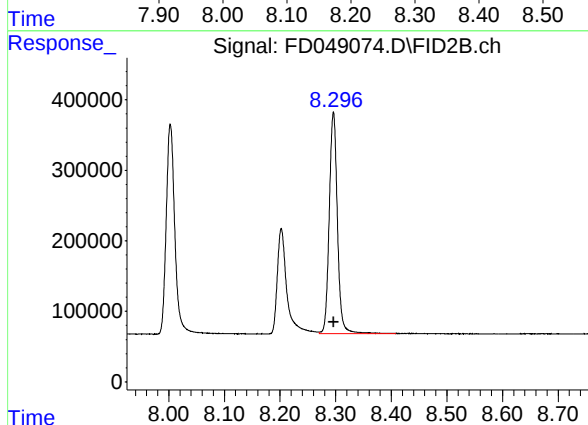
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3196723
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



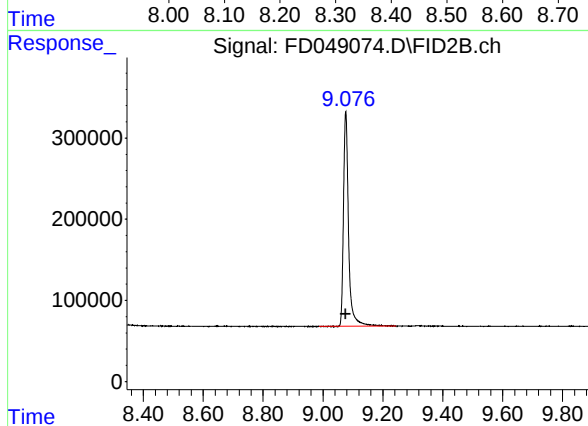
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 1780140
Conc: 20.00 ug/ml



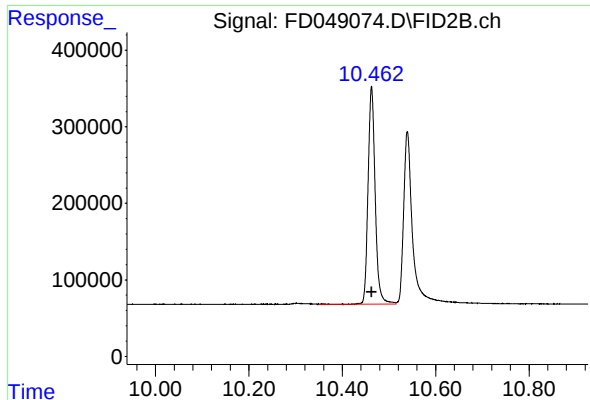
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3207497
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

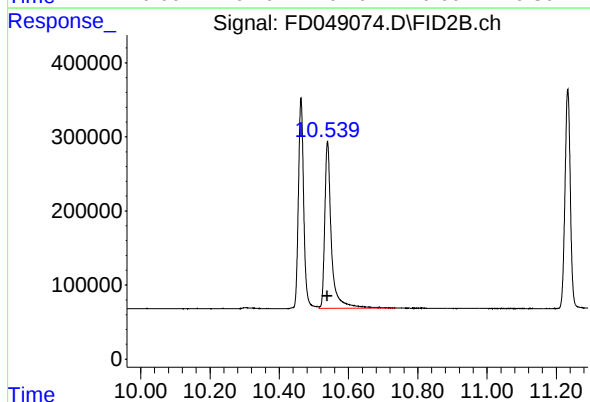
R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 3127465
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

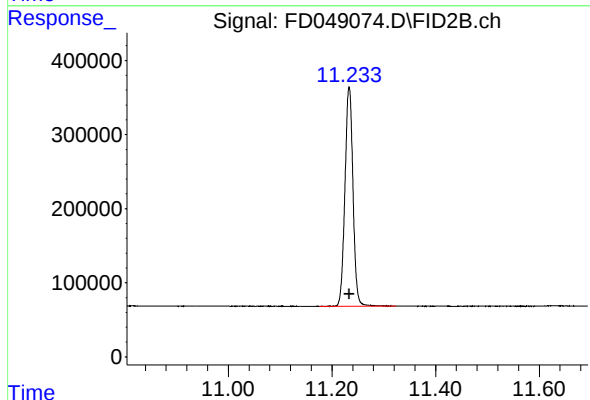
R.T.: 10.463 min
Delta R.T.: 0.000 min
Response: 2993262
Conc: 20.00 ug/ml

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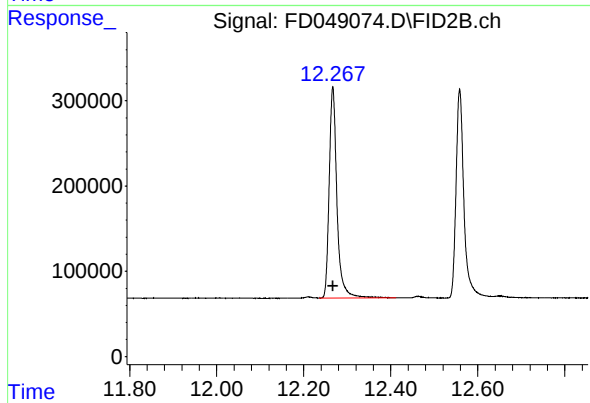
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 3009407
Conc: 20.00 ug/ml



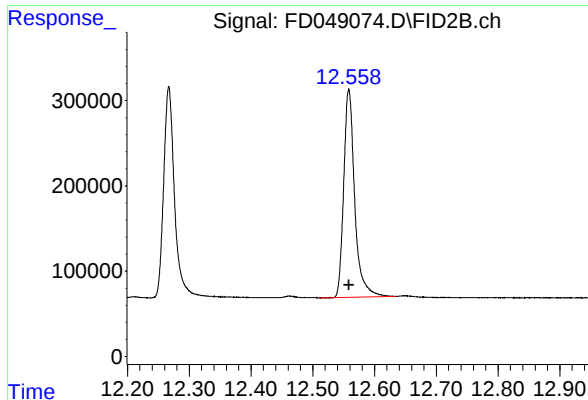
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3179603
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

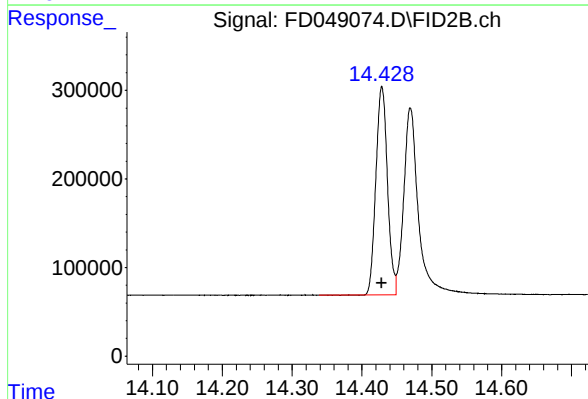
R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 3071055
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

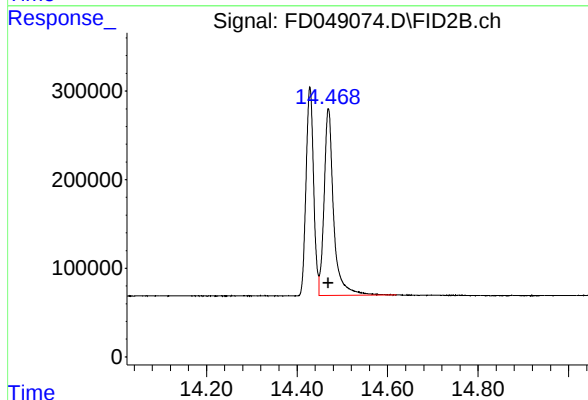
R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 3015302
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



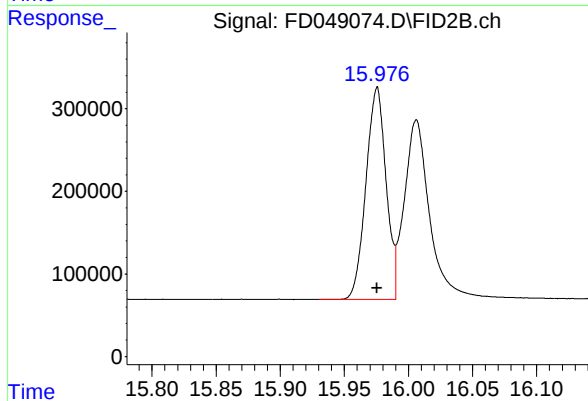
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.429 min
Delta R.T.: 0.000 min
Response: 2705035
Conc: 20.00 ug/ml



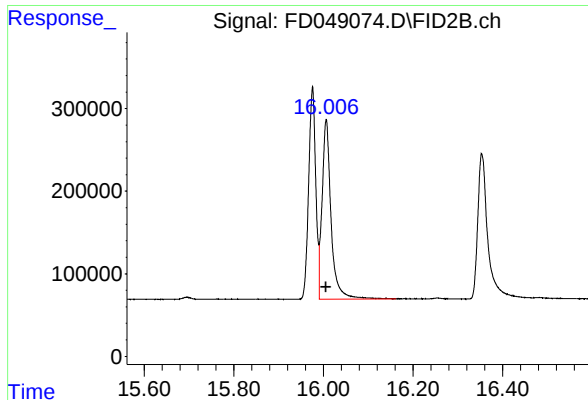
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 3106970
Conc: 20.00 ug/ml



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

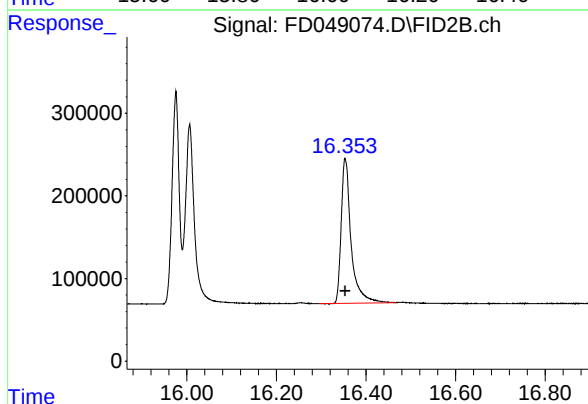
R.T.: 15.976 min
Delta R.T.: 0.000 min
Response: 2807258
Conc: 20.00 ug/ml



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

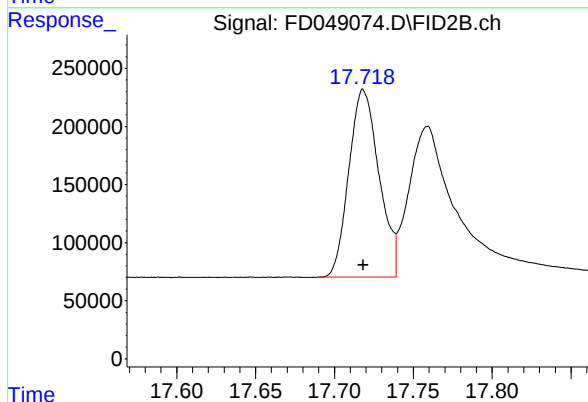
R.T.: 16.006 min
Delta R.T.: 0.000 min
Response: 3041925
Conc: 20.00 ug/ml

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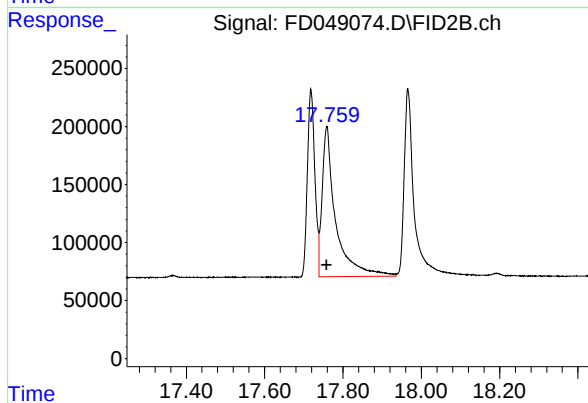
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: 0.000 min
Response: 2685830
Conc: 20.00 ug/ml



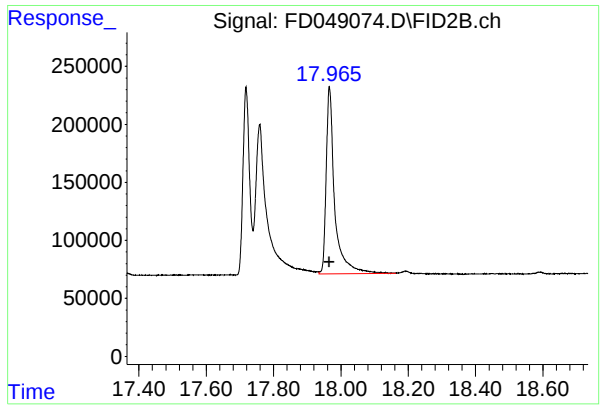
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: 0.000 min
Response: 2142662
Conc: 20.00 ug/ml



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

R.T.: 17.759 min
Delta R.T.: 0.000 min
Response: 3107681
Conc: 20.00 ug/ml



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

R.T.: 17.966 min

Delta R.T.: 0.000 min

Response: 2831461

Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :

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