

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049174.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 14:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC ICV

Integration File: autoint1.e
 Quant Time: Mar 10 03:14:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 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...	7.352	3021840	19.873 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
6) S 2-Fluorobiphenyl (SURR)	8.205	1725739	21.667 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.33%
11) S ortho-Terphenyl (SURR)	11.234	3452733	19.752 ug/ml
Spiked Amount 50.000		Recovery =	39.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3318438	20.079 ug/ml
2) T Naphthalene (C11.7)	5.693	3324613	20.245 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	3340468	20.377 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3436626	19.786 ug/ml
7) T Acenaphthene (C15.5)	8.296	3590481	19.181 ug/ml
8) T Fluorene (C16.55)	9.078	3319406	20.506 ug/ml
9) T Phenanthrene (C19.36)	10.464	3149703	20.025 ug/ml
10) T Anthracene (C19.43)	10.543	3099349	20.285 ug/ml
12) T Fluoranthene (C21.85)	12.270	3223031	19.971 ug/ml
13) T Pyrene (C20.8)	12.561	3173403	19.655 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2577848	22.707 ug/ml
15) T Chrysene (C27.41)	14.474	2629892	16.943 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2780927	20.953 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3141263	19.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	2722211	19.765 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	1781652	18.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2457790	20.152 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2530641	20.454 ug/ml

(f)=RT Delta > 1/2 Window

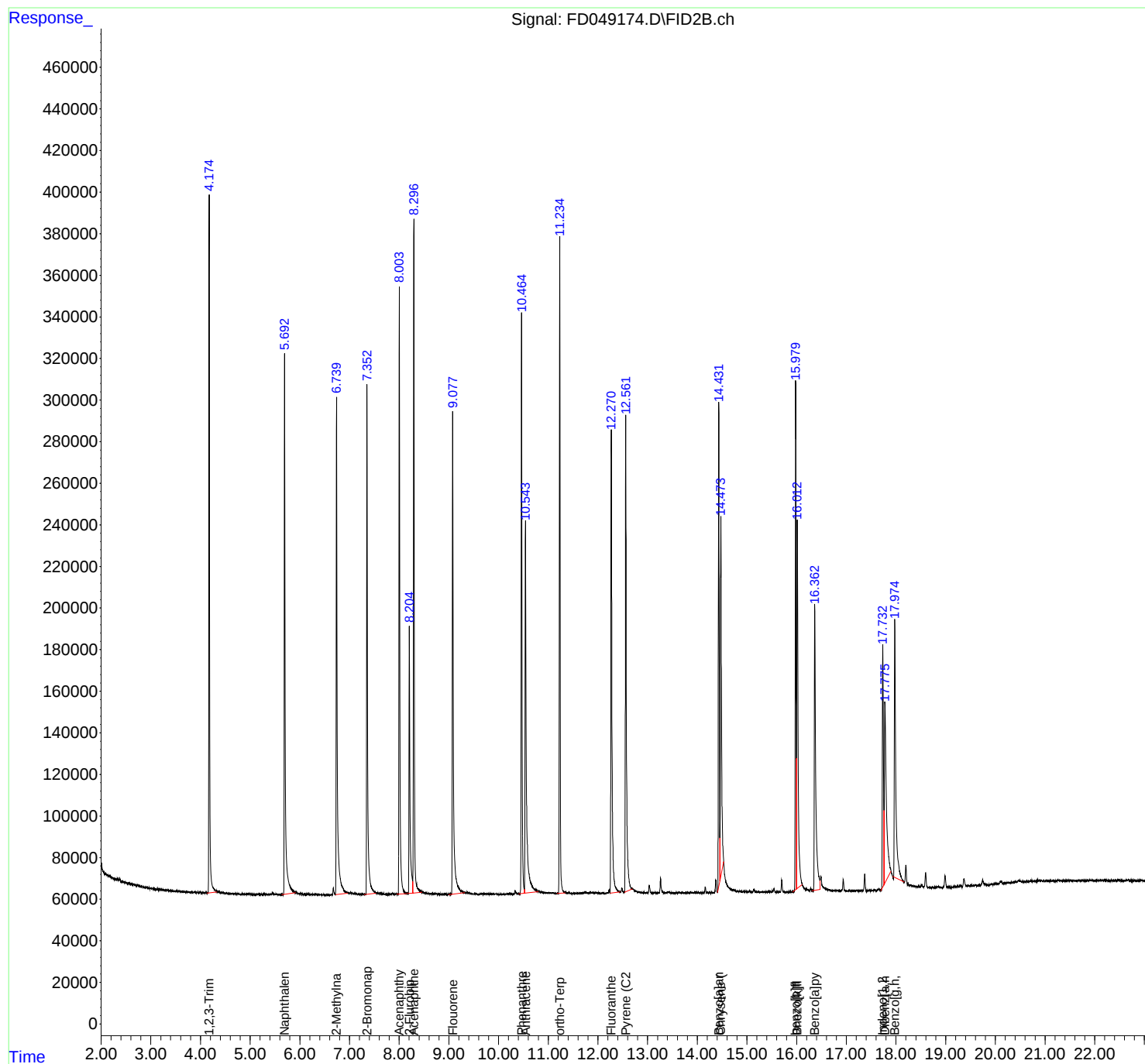
(m)=manual int.

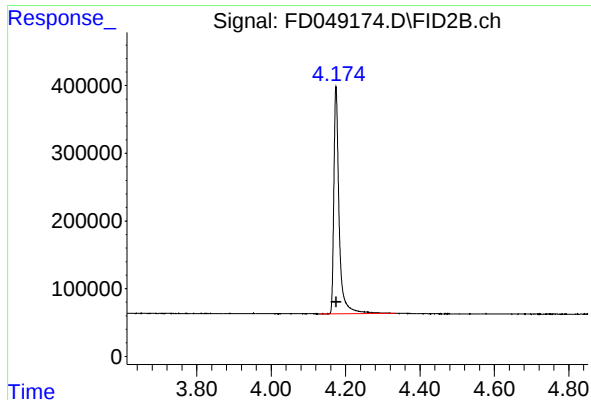
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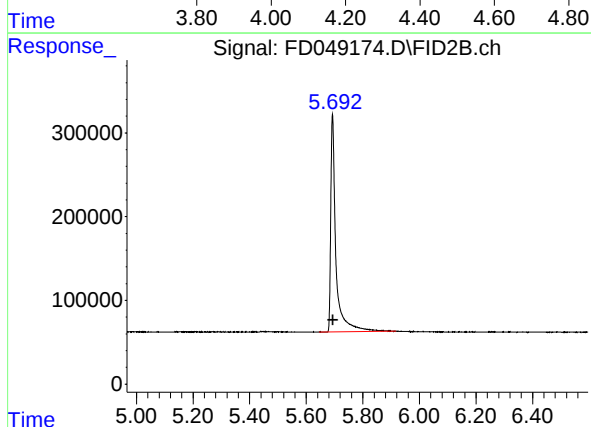




#1 1,2,3-Trimethylbenzene (C10.1)

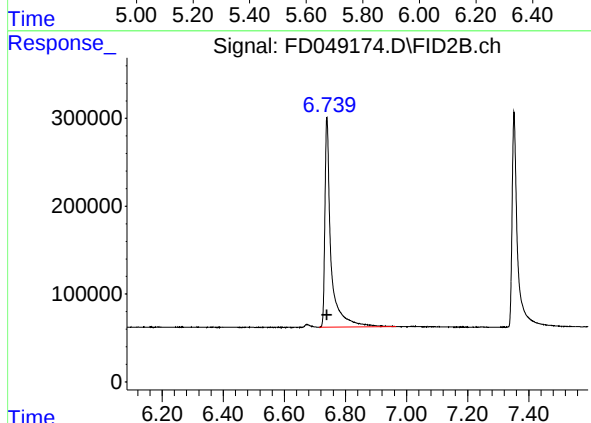
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 3318438
Conc: 20.08 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC ICV



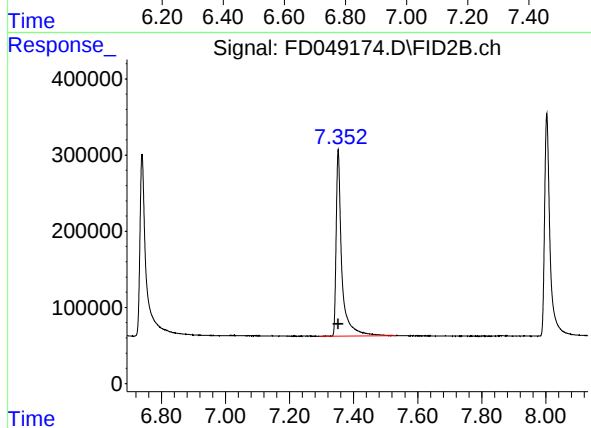
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3324613
Conc: 20.24 ug/ml



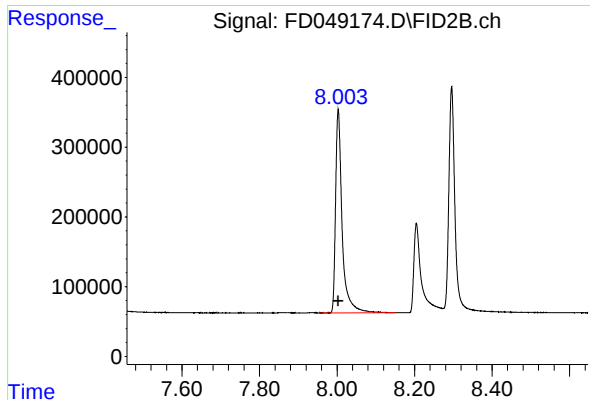
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3340468
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

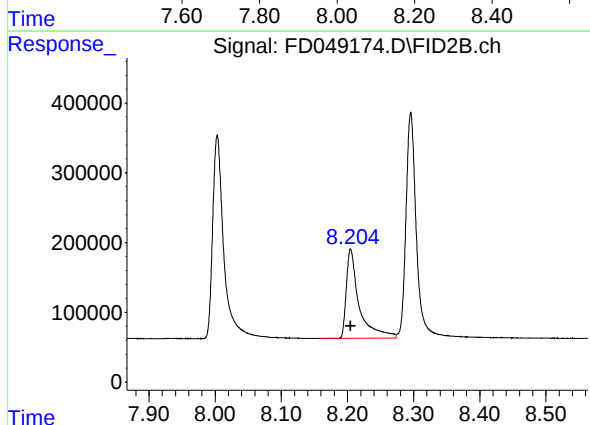
R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3021840
Conc: 19.87 ug/ml



#5 Acenaphthylene (C15.06)

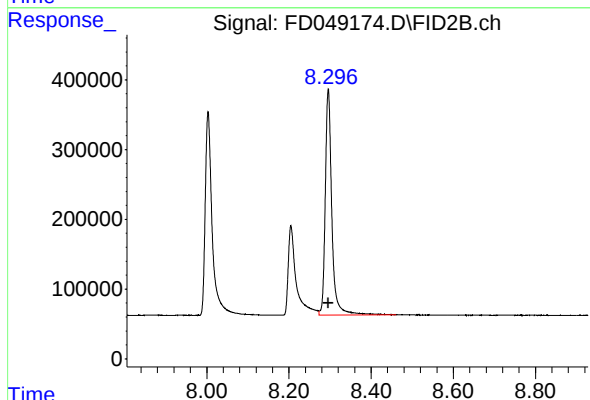
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3436626
Conc: 19.79 ug/ml

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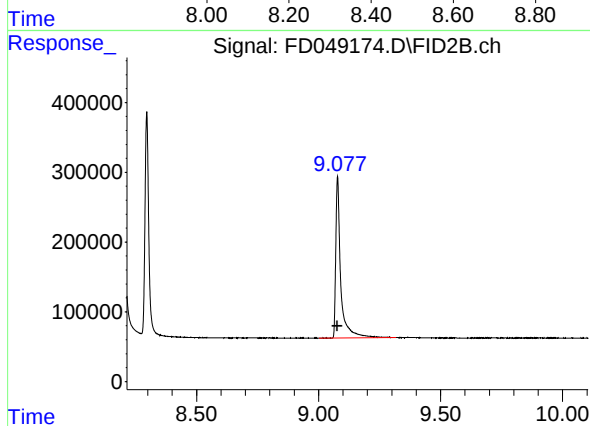
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 1725739
Conc: 21.67 ug/ml



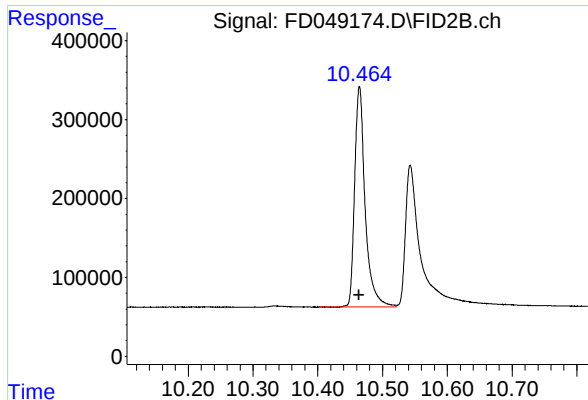
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3590481
Conc: 19.18 ug/ml



#8 Flouorene (C16.55)

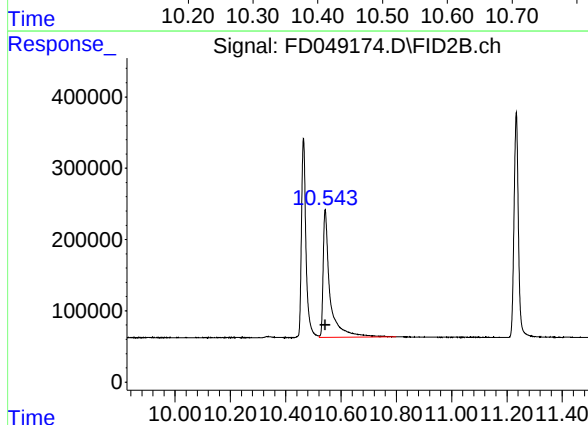
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 3319406
Conc: 20.51 ug/ml



#9 Phenanthrene (C19.36)

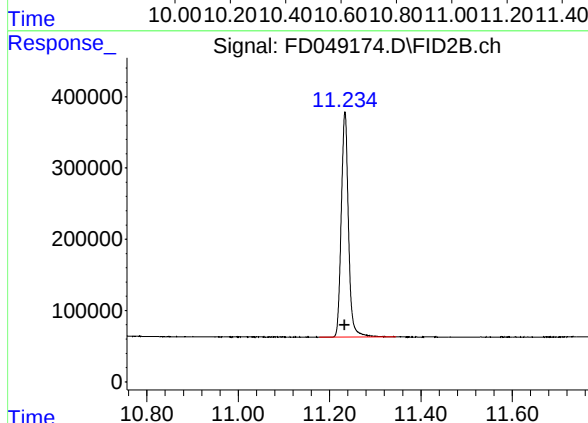
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3149703
Conc: 20.02 ug/ml

Instrument :
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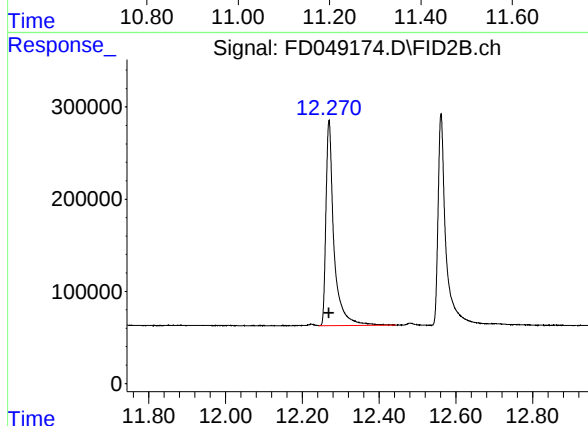
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 3099349
Conc: 20.28 ug/ml



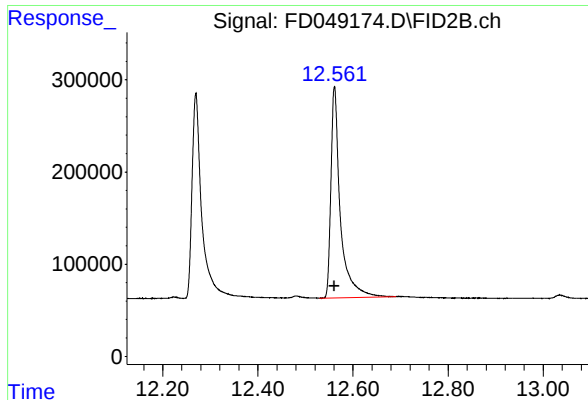
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 3452733
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

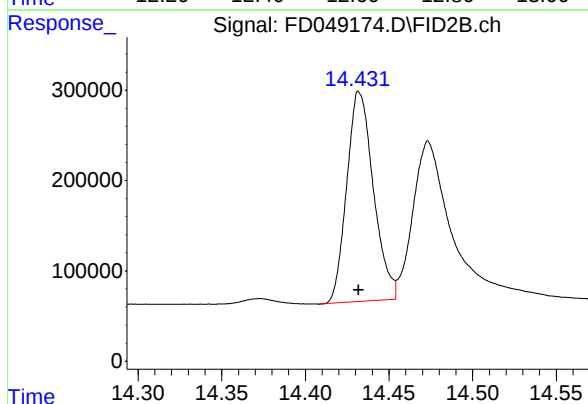
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 3223031
Conc: 19.97 ug/ml



#13 Pyrene (C20.8)

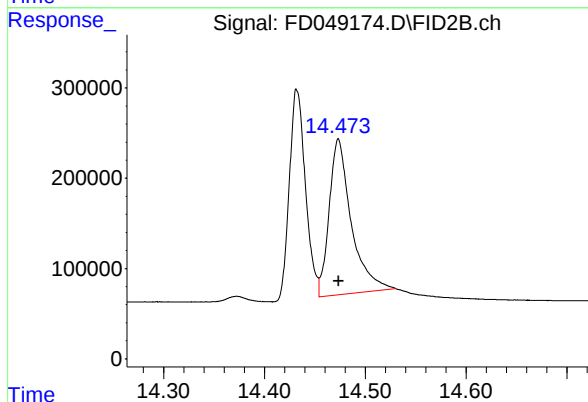
R.T.: 12.561 min
Delta R.T.: 0.000 min
Response: 3173403
Conc: 19.66 ug/ml

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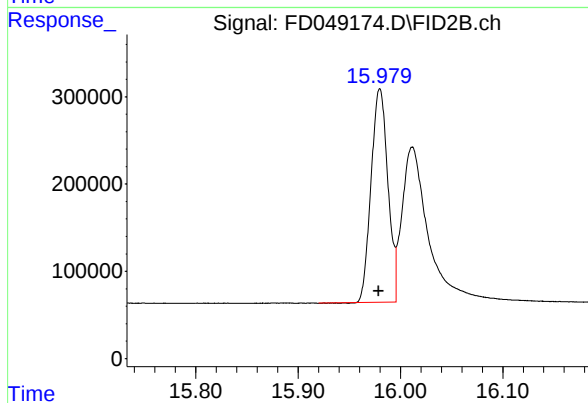
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 2577848
Conc: 22.71 ug/ml



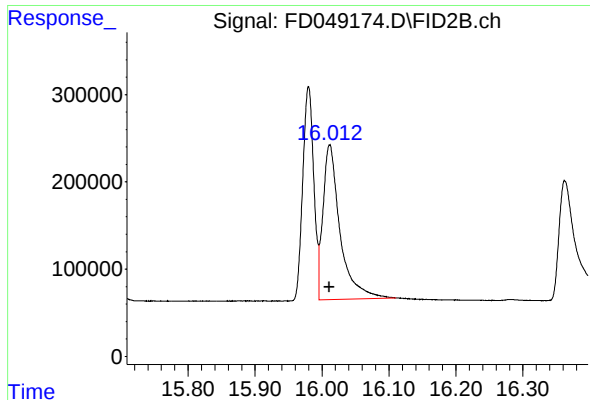
#15 Chrysene (C27.41)

R.T.: 14.474 min
Delta R.T.: 0.000 min
Response: 2629892
Conc: 16.94 ug/ml



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

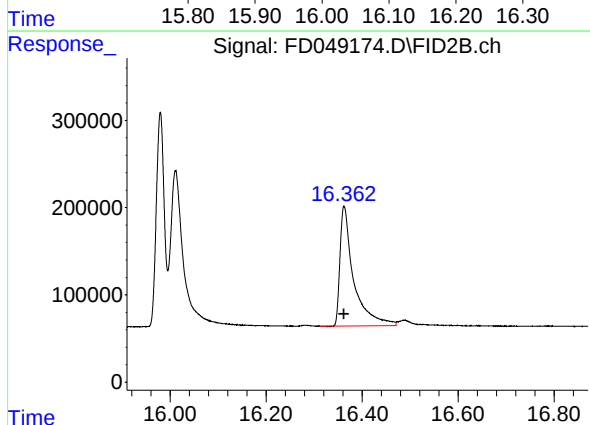
R.T.: 15.980 min
Delta R.T.: 0.001 min
Response: 2780927
Conc: 20.95 ug/ml



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

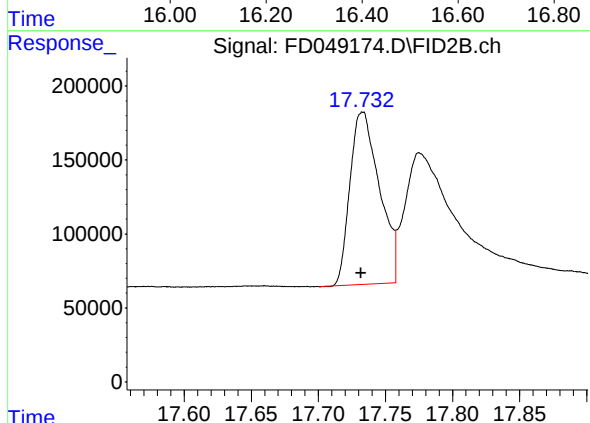
R.T.: 16.012 min
Delta R.T.: 0.000 min
Response: 3141263
Conc: 19.94 ug/ml

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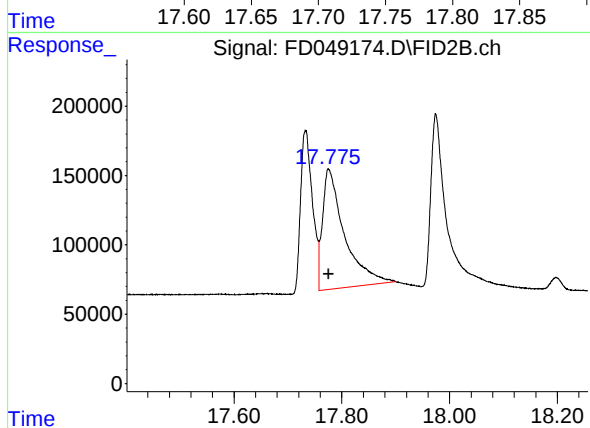
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 2722211
Conc: 19.76 ug/ml



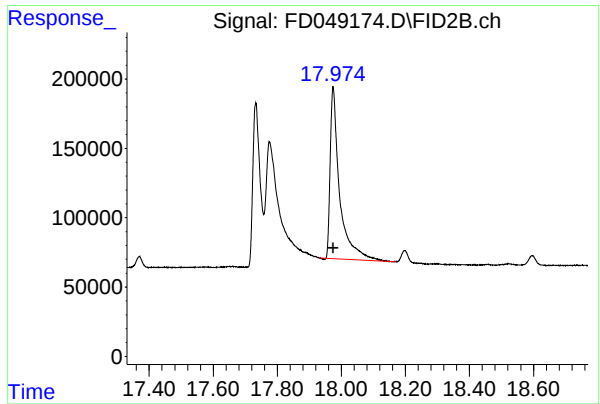
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.001 min
Response: 1781652
Conc: 18.24 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2457790
Conc: 20.15 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.000 min
Response: 2530641
Conc: 20.45 ug/ml

Instrument :

FID_D

ClientSampleId :

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