

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AR\
 Data File : FD048975.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 21:12
 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 29 02:12:19 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...	7.358	2951394	20.737 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
6) S 2-Fluorobiphenyl (SURR)	8.209	1815917	21.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.68%
11) S ortho-Terphenyl (SURR)	11.241	3342919	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3208509	20.815 ug/ml
2) T Naphthalene (C11.7)	5.698	3268424	20.909 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3247821	20.936 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3332407	20.376 ug/ml
7) T Acenaphthene (C15.5)	8.302	3405631	20.276 ug/ml
8) T Fluorene (C16.55)	9.083	3239892	20.711 ug/ml
9) T Phenanthrene (C19.36)	10.470	3160937	20.755 ug/ml
10) T Anthracene (C19.43)	10.548	2729771	17.921 ug/ml
12) T Fluoranthene (C21.85)	12.275	3235179	20.568 ug/ml
13) T Pyrene (C20.8)	12.567	3177244	20.169 ug/ml
14) T Benzo[a]anthracene (C...	14.438	2792505	21.701 ug/ml
15) T Chrysene (C27.41)	14.479	3347386	19.796 ug/ml
16) T benzo[b]fluoranthene ...	15.985	2944310	21.549 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	3225871	19.918 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2757460	19.812 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2131713	20.440 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	3223730	22.582 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	2918698	20.462 ug/ml

(f)=RT Delta > 1/2 Window

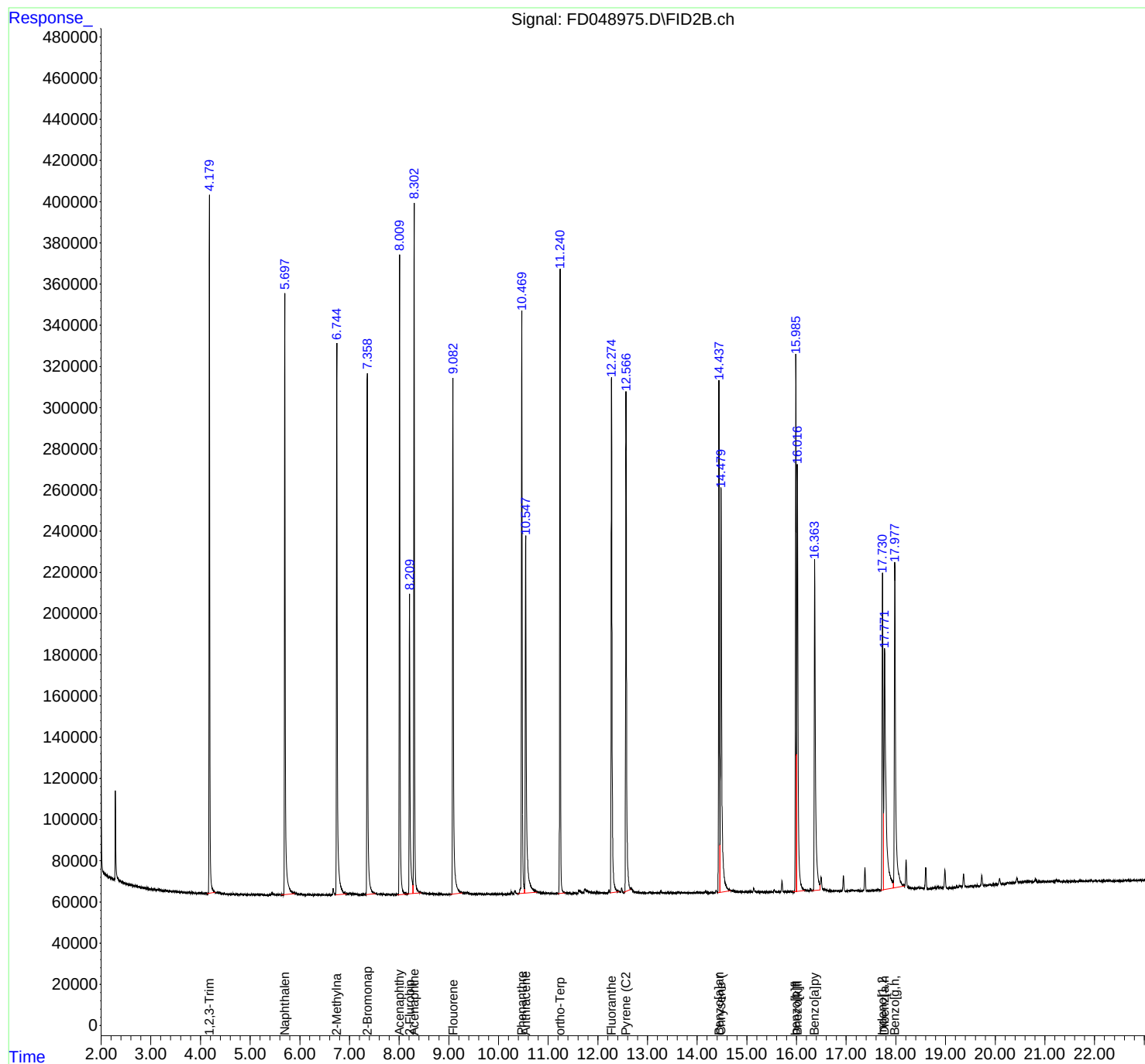
(m)=manual int.

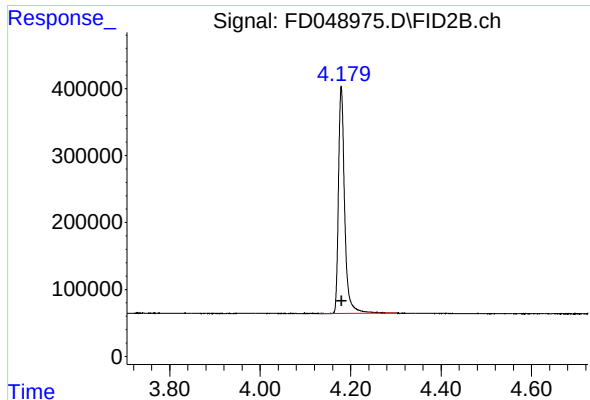
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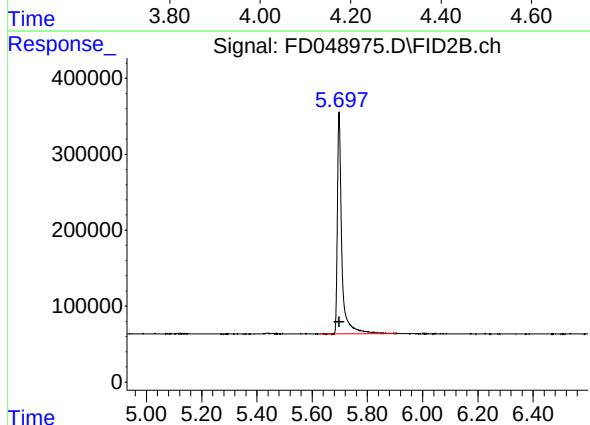




#1 1,2,3-Trimethylbenzene (C10.1)

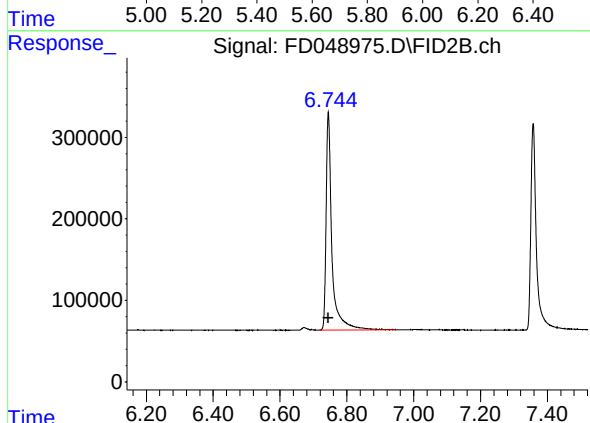
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 3208509
Conc: 20.81 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



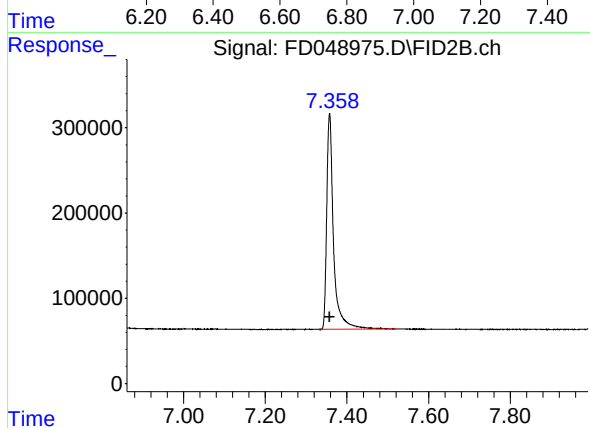
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.001 min
Response: 3268424
Conc: 20.91 ug/ml



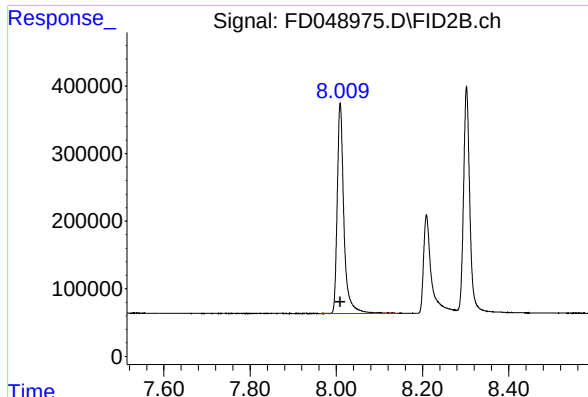
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3247821
Conc: 20.94 ug/ml



#4 2-Bromonaphthalene (SURR)

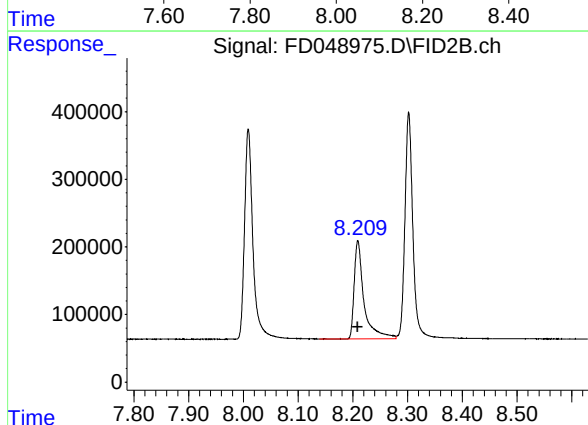
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 2951394
Conc: 20.74 ug/ml



#5 Acenaphthylene (C15.06)

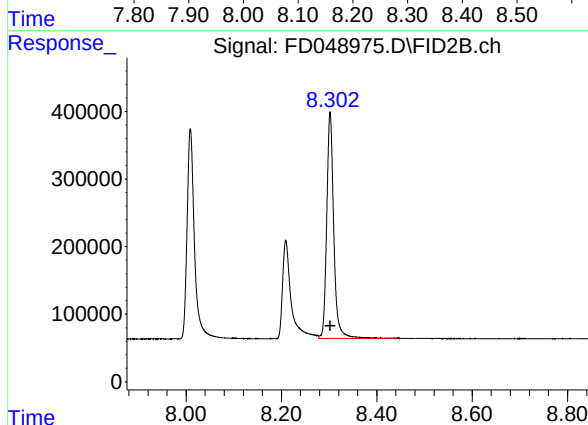
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3332407
Conc: 20.38 ug/ml

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20 PPM AROMATIC HC STD



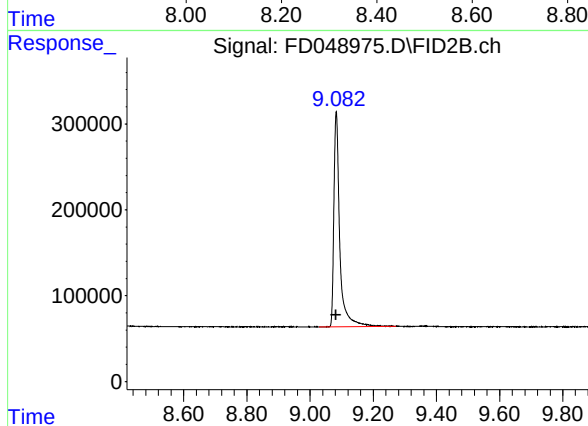
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 1815917
Conc: 21.34 ug/ml



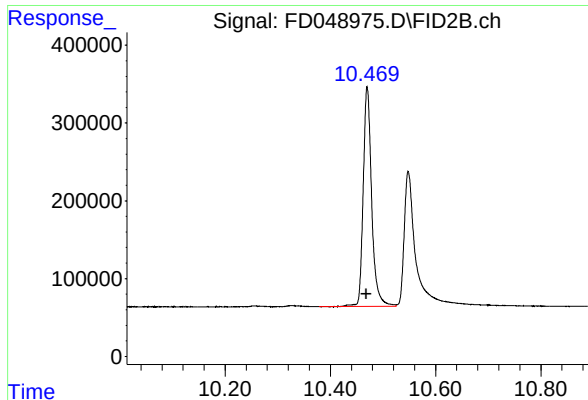
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3405631
Conc: 20.28 ug/ml



#8 Flouorene (C16.55)

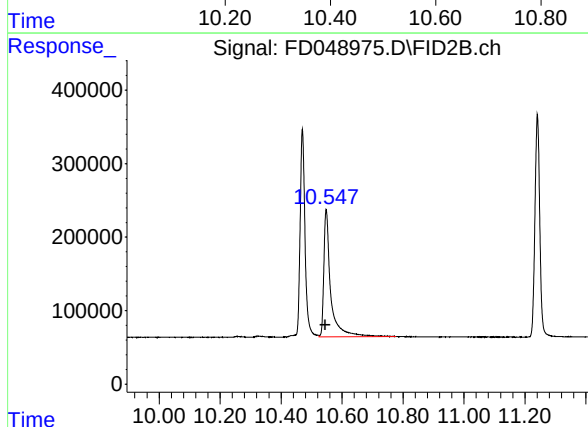
R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 3239892
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

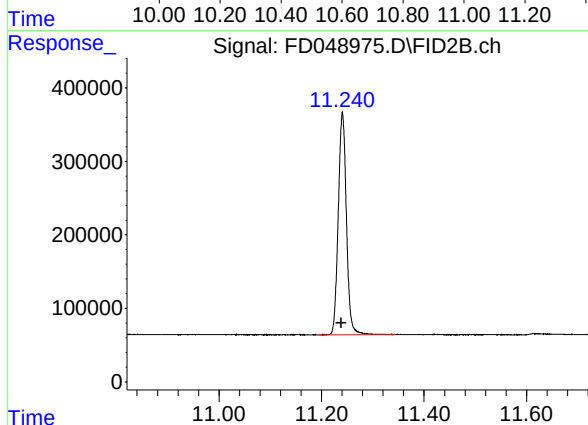
R.T.: 10.470 min
Delta R.T.: 0.001 min
Response: 3160937
Conc: 20.75 ug/ml

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20 PPM AROMATIC HC STD



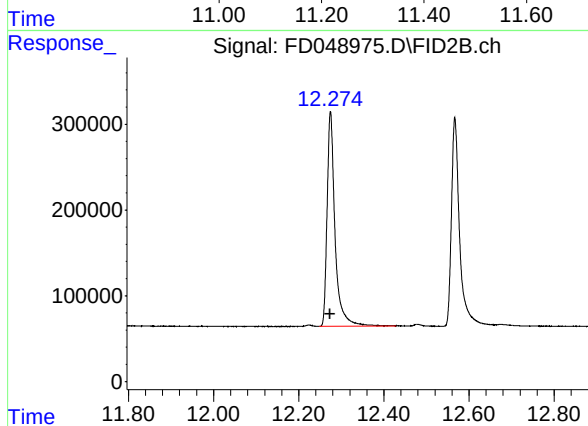
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.002 min
Response: 2729771
Conc: 17.92 ug/ml



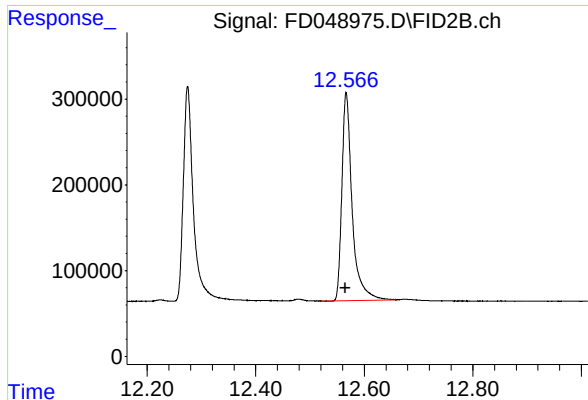
#11 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: 0.002 min
Response: 3342919
Conc: 20.33 ug/ml



#12 Fluoranthene (C21.85)

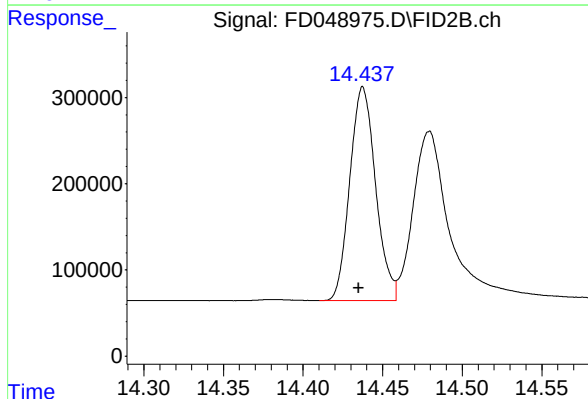
R.T.: 12.275 min
Delta R.T.: 0.002 min
Response: 3235179
Conc: 20.57 ug/ml



#13 Pyrene (C20.8)

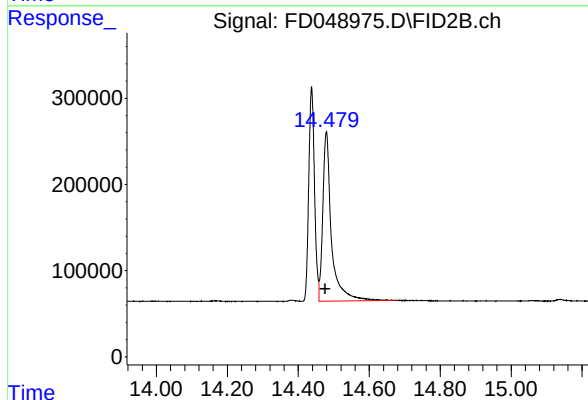
R.T.: 12.567 min
Delta R.T.: 0.002 min
Response: 3177244
Conc: 20.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



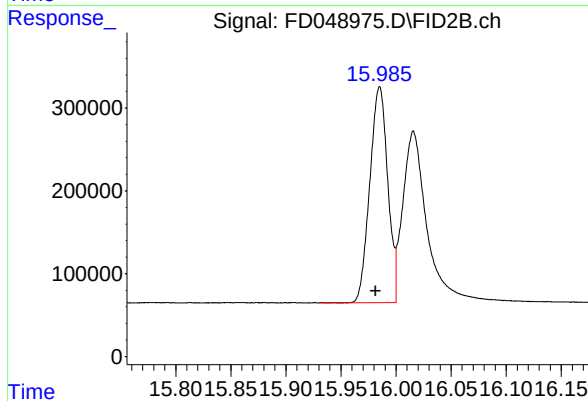
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: 0.003 min
Response: 2792505
Conc: 21.70 ug/ml



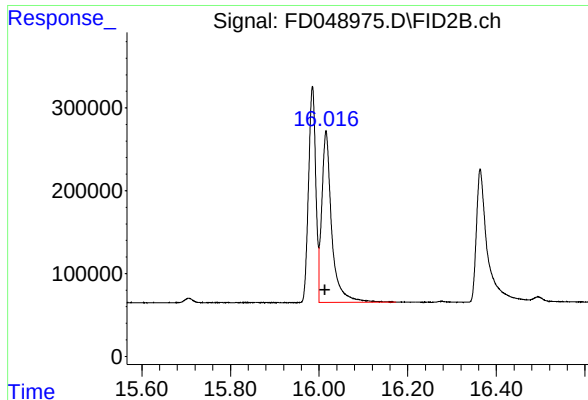
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: 0.003 min
Response: 3347386
Conc: 19.80 ug/ml



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

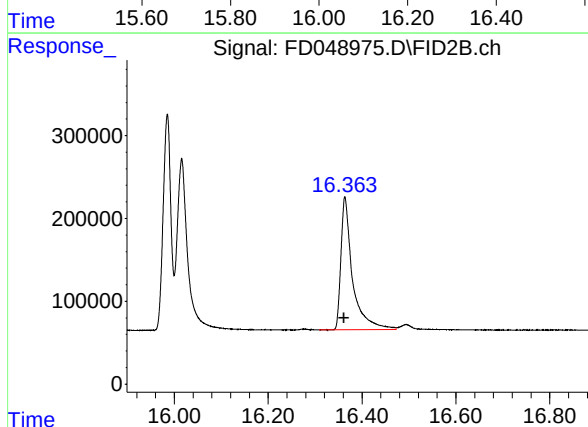
R.T.: 15.985 min
Delta R.T.: 0.003 min
Response: 2944310
Conc: 21.55 ug/ml



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

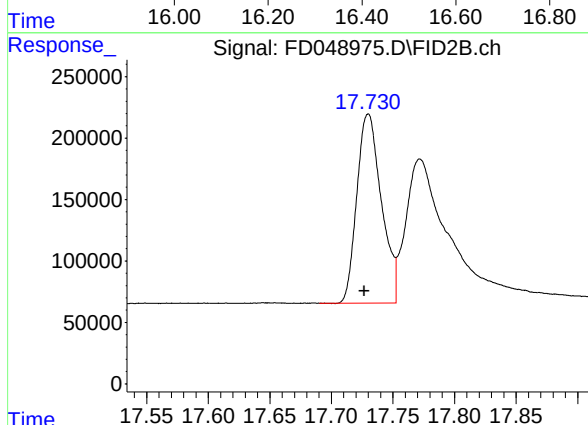
R.T.: 16.016 min
Delta R.T.: 0.003 min
Response: 3225871
Conc: 19.92 ug/ml

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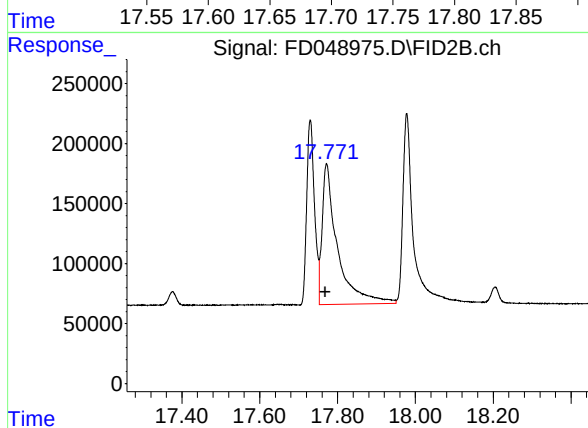
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.002 min
Response: 2757460
Conc: 19.81 ug/ml



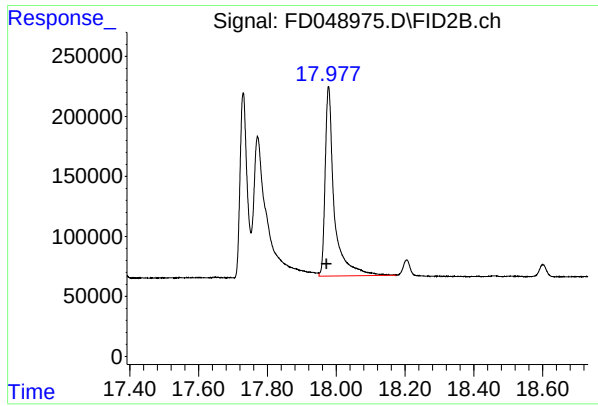
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: 0.003 min
Response: 2131713
Conc: 20.44 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.003 min
Response: 3223730
Conc: 22.58 ug/ml



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

R.T.: 17.978 min

Delta R.T.: 0.005 min

Response: 2918698

Conc: 20.46 ug/ml

Instrument :

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ClientSampleId :

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