

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048715.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 13:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 01:44:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.366	3268597	21.535 ug/ml
Spiked Amount 50.000		Recovery =	43.07%
6) S 2-Fluorobiphenyl (SURR)	8.216	2119562	21.586 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.17%
11) S ortho-Terphenyl (SURR)	11.249	3679391	21.600 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3760831	21.618 ug/ml
2) T Naphthalene (C11.7)	5.707	3850431	21.579 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3842729	21.484 ug/ml
5) T Acenaphthylene (C15.06)	8.018	3712736	21.144 ug/ml
7) T Acenaphthene (C15.5)	8.312	3810447	21.484 ug/ml
8) T Fluorene (C16.55)	9.091	3650705	21.597 ug/ml
9) T Phenanthrene (C19.36)	10.477	3584970	21.687 ug/ml
10) T Anthracene (C19.43)	10.553	2658955	16.628 ug/ml
12) T Fluoranthene (C21.85)	12.280	3595900	21.849 ug/ml
13) T Pyrene (C20.8)	12.573	3547676	22.025 ug/ml
14) T Benzo[a]anthracene (C...	14.442	3252236	22.243 ug/ml
15) T Chrysene (C27.41)	14.483	3604579	21.913 ug/ml
16) T benzo[b]fluoranthene ...	15.988	3481188	22.898 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	3323007	22.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	3433260	22.813 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2949807	22.608 ug/ml
20) T Dibenz[a,h]anthracene...	17.767	3651467	22.438 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	3458431	22.591 ug/ml

(f)=RT Delta > 1/2 Window

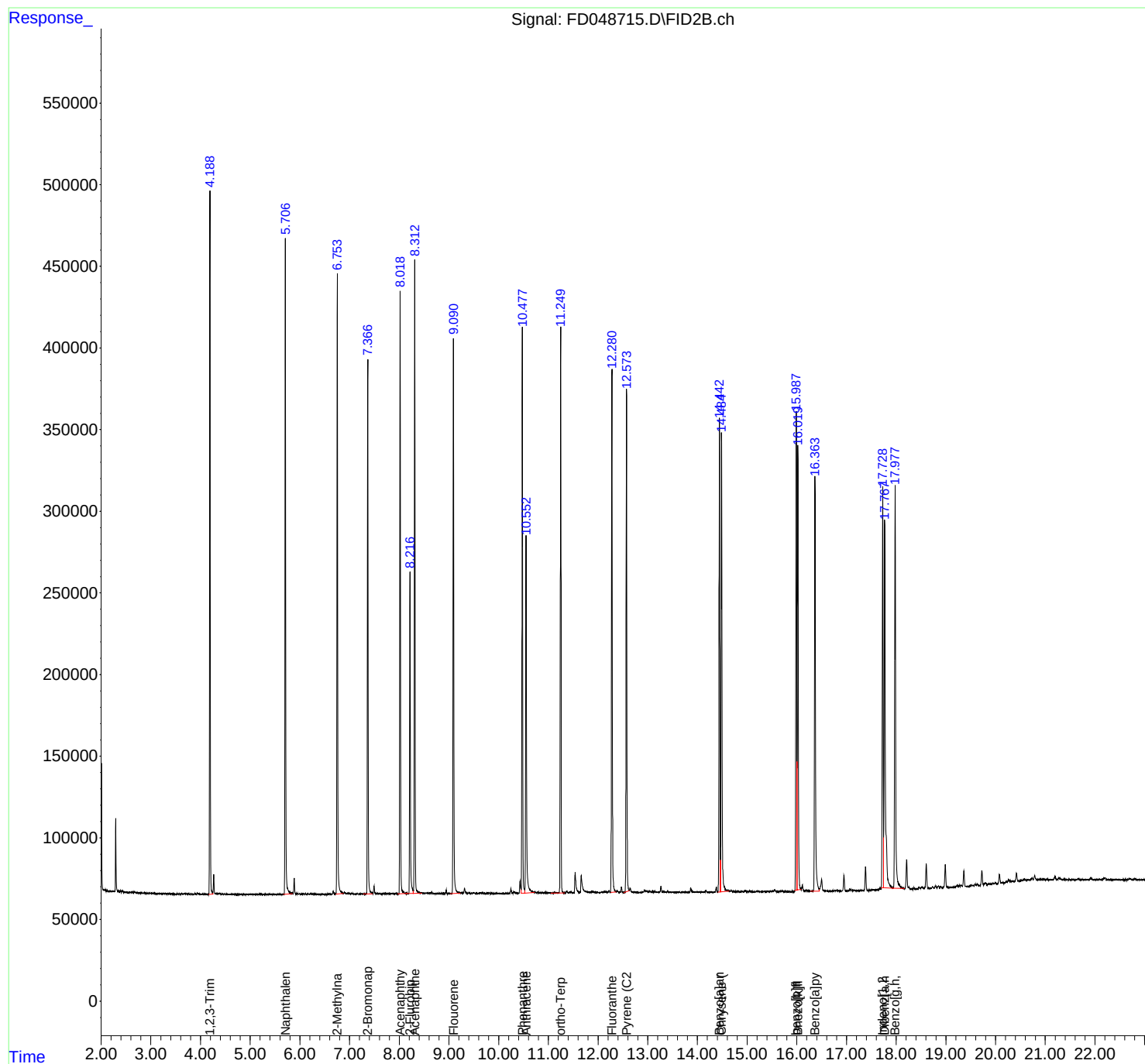
(m)=manual int.

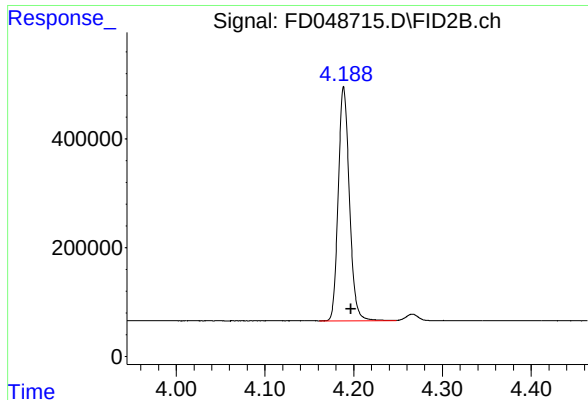
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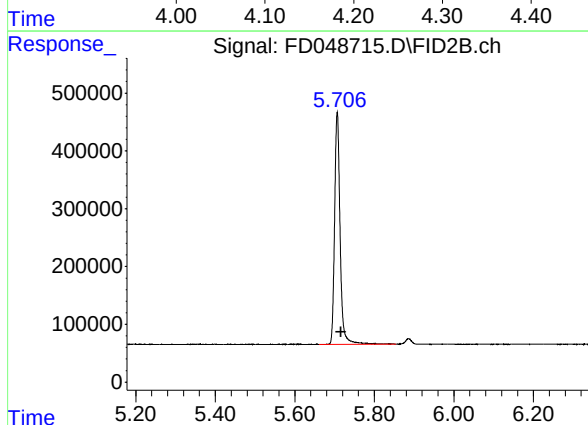




#1 1,2,3-Trimethylbenzene (C10.1)

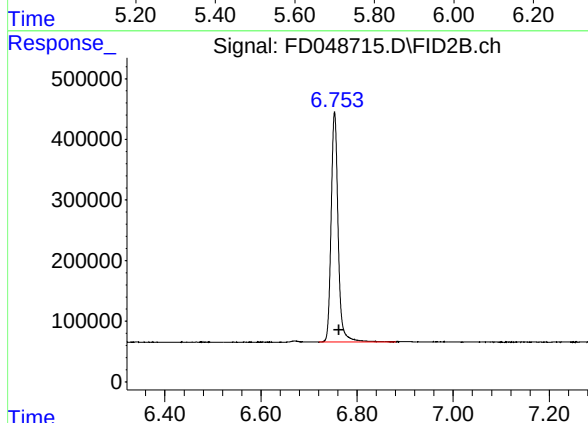
R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 3760831
Conc: 21.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



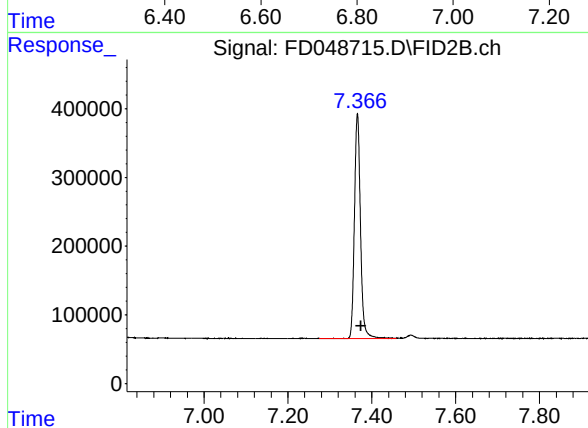
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.009 min
Response: 3850431
Conc: 21.58 ug/ml



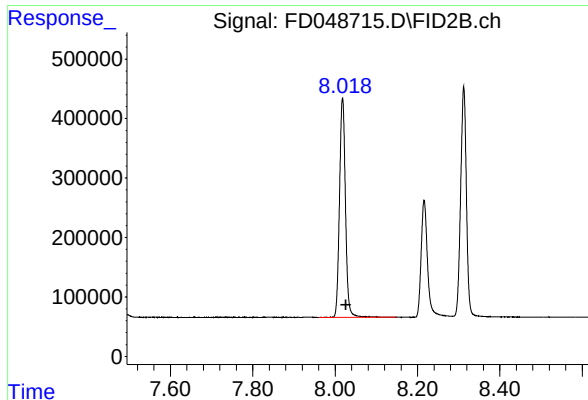
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 3842729
Conc: 21.48 ug/ml



#4 2-Bromonaphthalene (SURR)

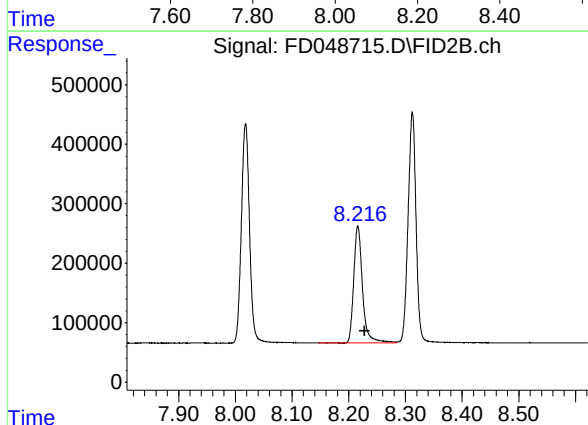
R.T.: 7.366 min
Delta R.T.: -0.009 min
Response: 3268597
Conc: 21.54 ug/ml



#5 Acenaphthylene (C15.06)

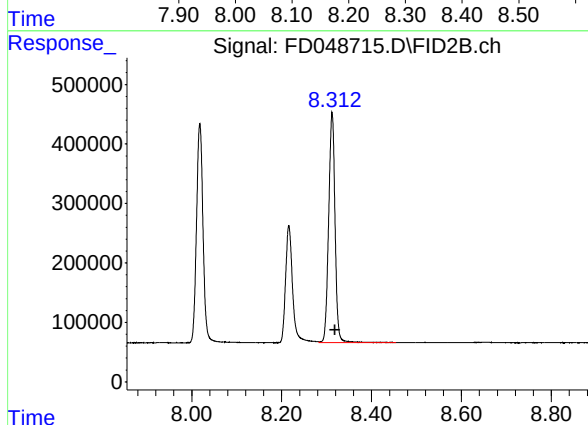
R.T.: 8.018 min
Delta R.T.: -0.008 min
Response: 3712736
Conc: 21.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



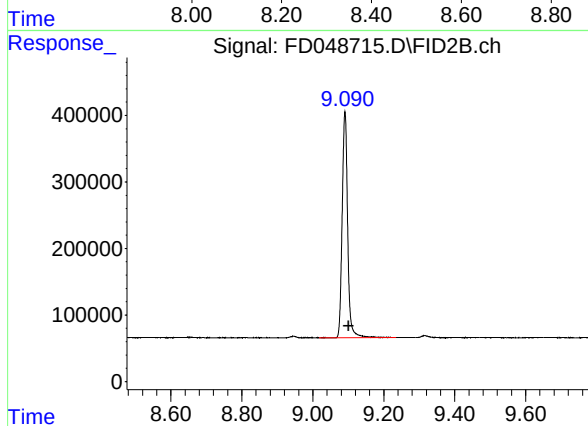
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.216 min
Delta R.T.: -0.012 min
Response: 2119562
Conc: 21.59 ug/ml



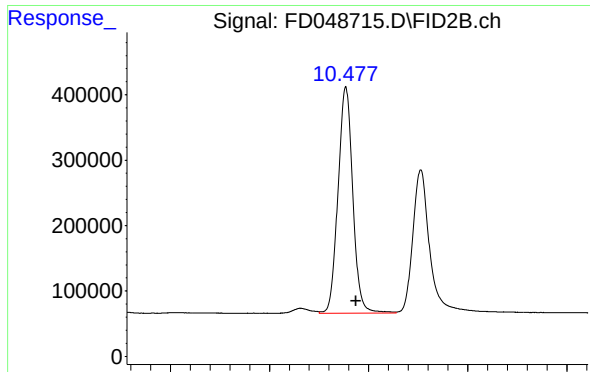
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: -0.006 min
Response: 3810447
Conc: 21.48 ug/ml



#8 Fluorene (C16.55)

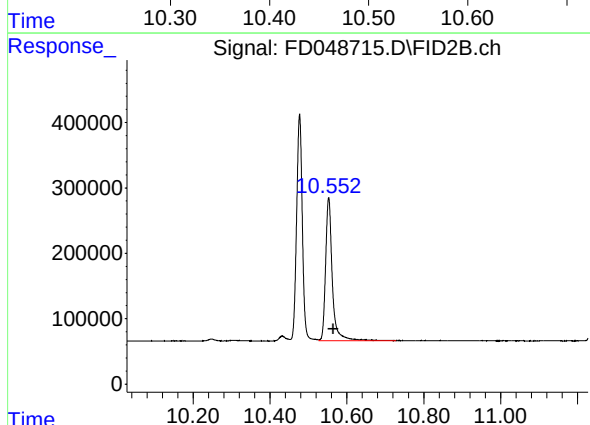
R.T.: 9.091 min
Delta R.T.: -0.010 min
Response: 3650705
Conc: 21.60 ug/ml



#9 Phenanthrene (C19.36)

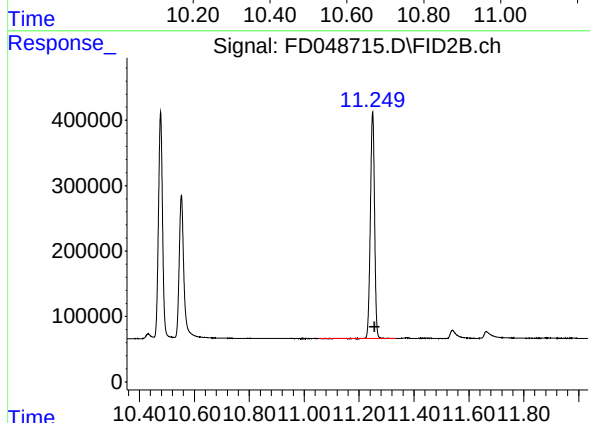
R.T.: 10.477 min
Delta R.T.: -0.010 min
Response: 3584970
Conc: 21.69 ug/ml

Instrument :
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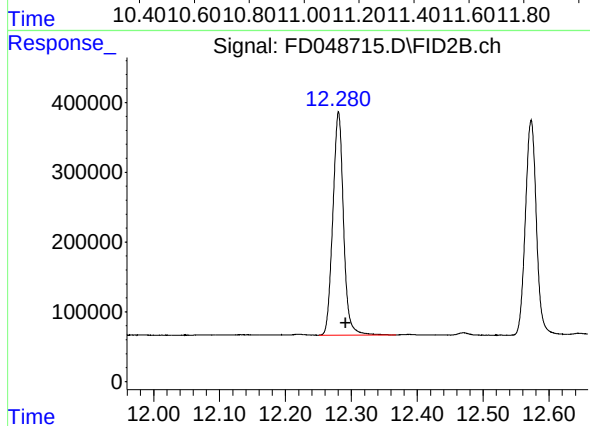
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.012 min
Response: 2658955
Conc: 16.63 ug/ml



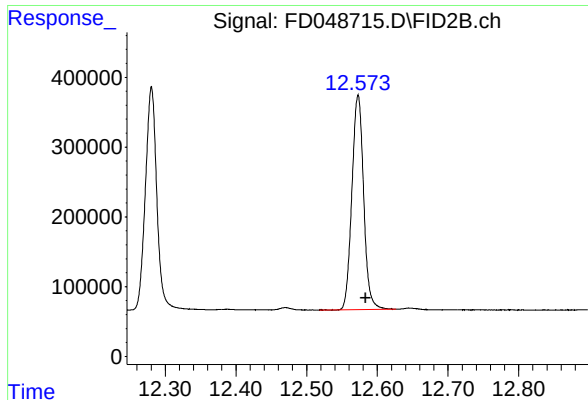
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: -0.008 min
Response: 3679391
Conc: 21.60 ug/ml



#12 Fluoranthene (C21.85)

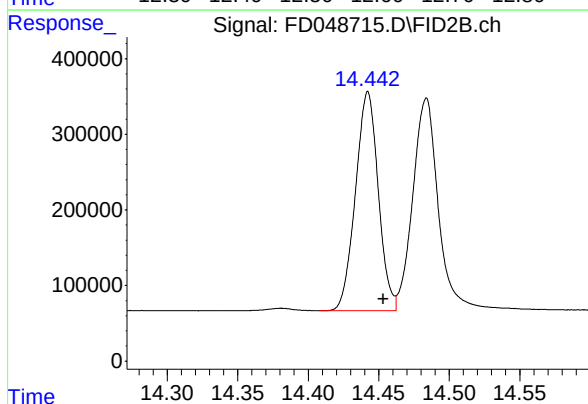
R.T.: 12.280 min
Delta R.T.: -0.011 min
Response: 3595900
Conc: 21.85 ug/ml



#13 Pyrene (C20.8)

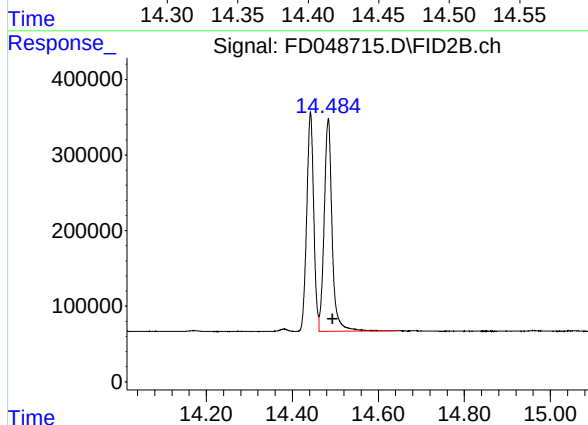
R.T.: 12.573 min
Delta R.T.: -0.011 min
Response: 3547676
Conc: 22.02 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



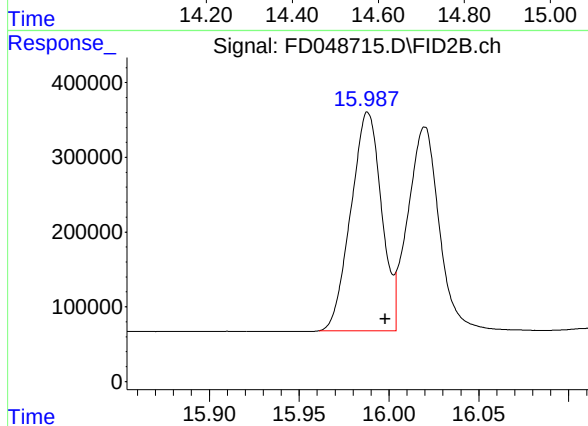
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min
Delta R.T.: -0.011 min
Response: 3252236
Conc: 22.24 ug/ml



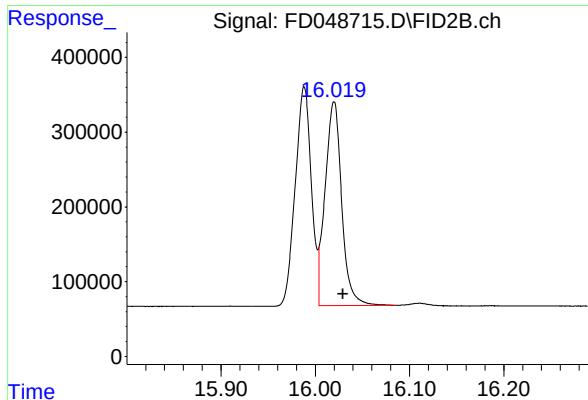
#15 Chrysene (C27.41)

R.T.: 14.483 min
Delta R.T.: -0.010 min
Response: 3604579
Conc: 21.91 ug/ml



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

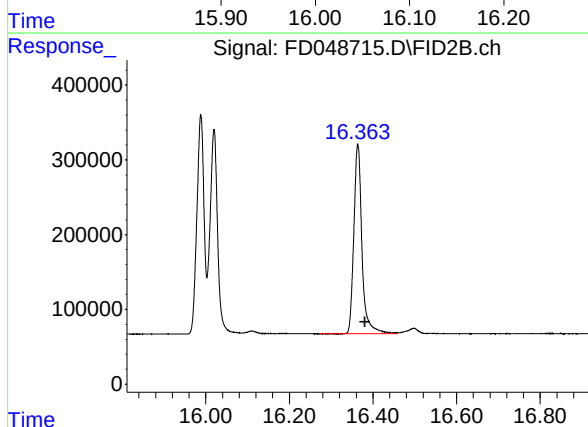
R.T.: 15.988 min
Delta R.T.: -0.010 min
Response: 3481188
Conc: 22.90 ug/ml



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

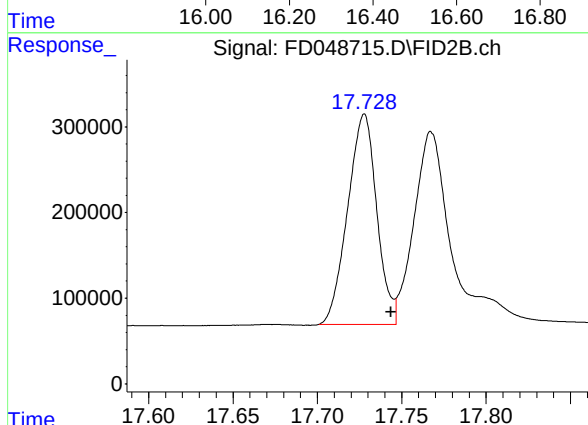
R.T.: 16.019 min
Delta R.T.: -0.010 min
Response: 3323007
Conc: 22.11 ug/ml

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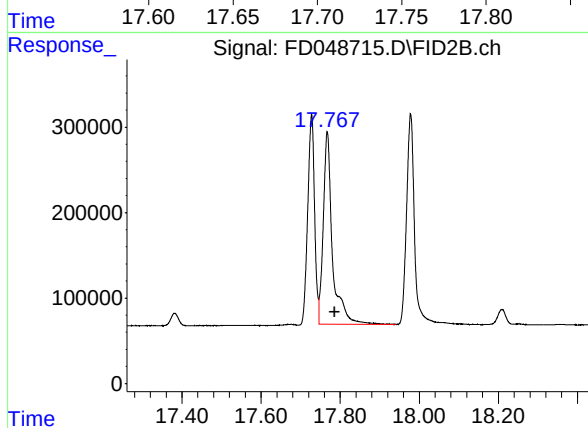
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: -0.017 min
Response: 3433260
Conc: 22.81 ug/ml



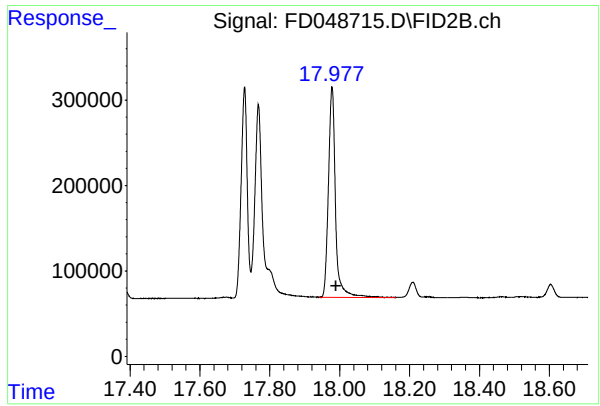
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: -0.017 min
Response: 2949807
Conc: 22.61 ug/ml



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

R.T.: 17.767 min
Delta R.T.: -0.019 min
Response: 3651467
Conc: 22.44 ug/ml



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

R.T.: 17.978 min
Delta R.T.: -0.012 min
Response: 3458431
Conc: 22.59 ug/ml

Instrument :

FID_D

ClientSampleId :

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