

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048602.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 13:17
 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e
 Quant Time: Oct 29 00:22:23 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...	7.370	2925007	19.272 ug/mlm
Spiked Amount 50.000		Recovery =	38.54%
6) S 2-Fluorobiphenyl (SURR)	8.221	1888357	19.231 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.46%
11) S ortho-Terphenyl (SURR)	11.254	3233046	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	3325024	19.112 ug/ml
2) T Naphthalene (C11.7)	5.712	3409944	19.110 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	3429960	19.176 ug/ml
5) T Acenaphthylene (C15.06)	8.023	3346159	19.056 ug/ml
7) T Acenaphthene (C15.5)	8.317	3382658	19.072 ug/ml
8) T Flouorene (C16.55)	9.095	3249197	19.222 ug/mlm
9) T Phenanthrene (C19.36)	10.482	3142471	19.010 ug/ml
10) T Anthracene (C19.43)	10.557	3028028	18.936 ug/ml
12) T Fluoranthene (C21.85)	12.285	3103818	18.859 ug/ml
13) T Pyrene (C20.8)	12.578	3043124	18.892 ug/ml
14) T Benzo[a]anthracene (C...	14.447	2767476	18.927 ug/ml
15) T Chrysene (C27.41)	14.488	3026890	18.401 ug/ml
16) T benzo[b]fluoranthene ...	15.993	2875532	18.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	2823029	18.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	2810095	18.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2412922	18.493 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	2974886	18.281 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	2879030	18.806 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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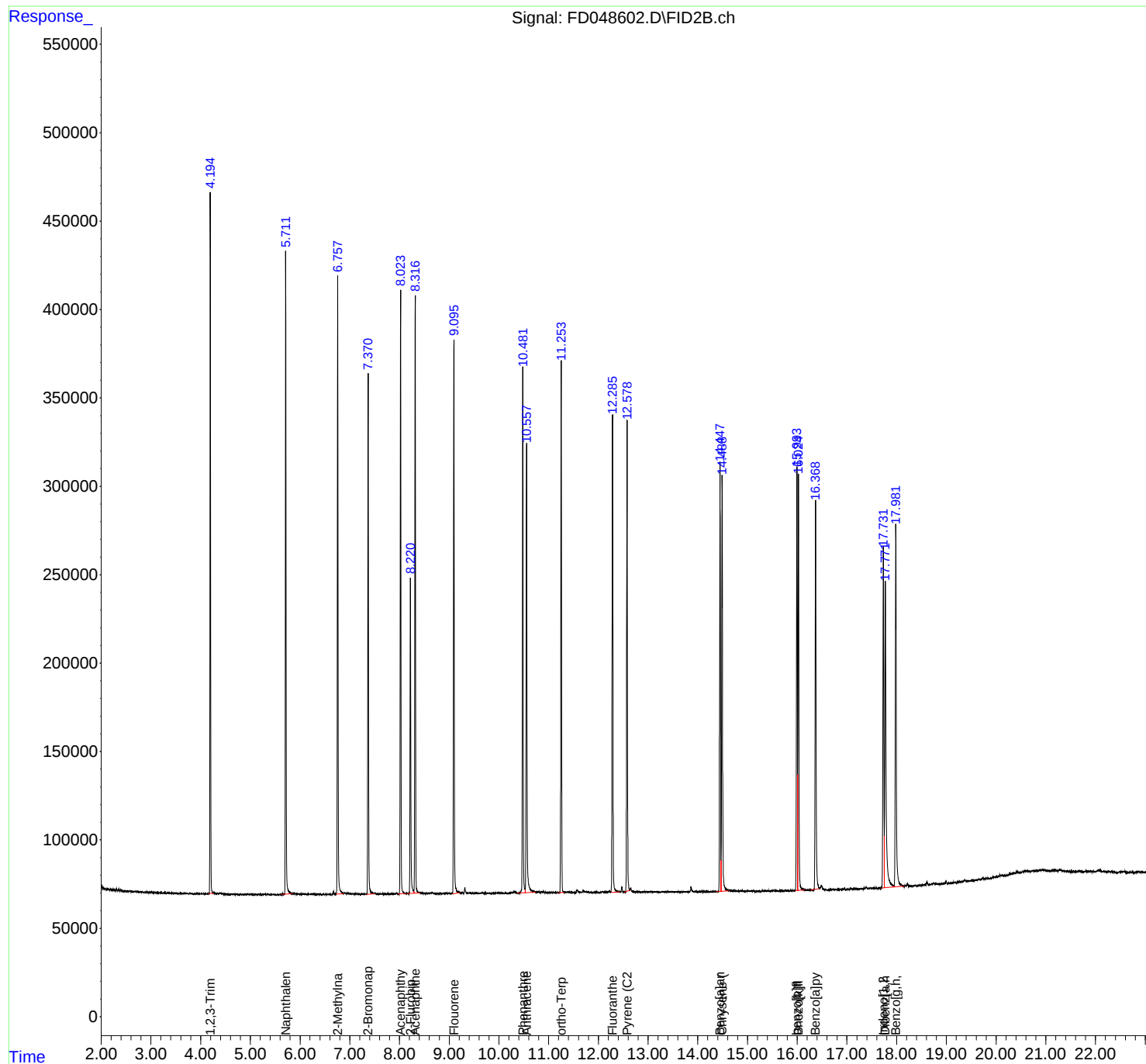
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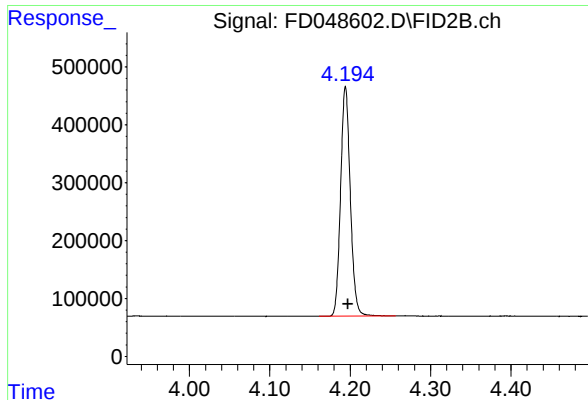
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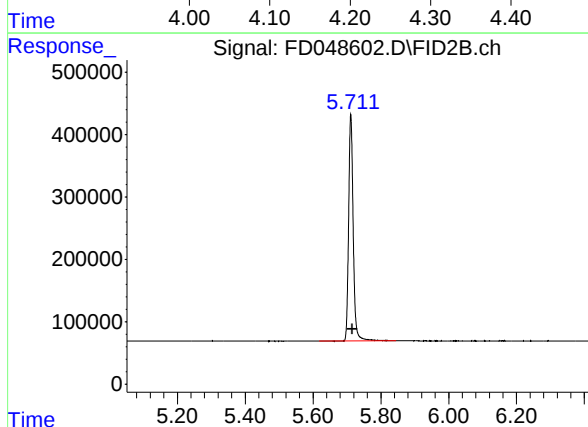
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.194 min
Delta R.T.: -0.003 min
Response: 3325024
Conc: 19.11 ug/ml

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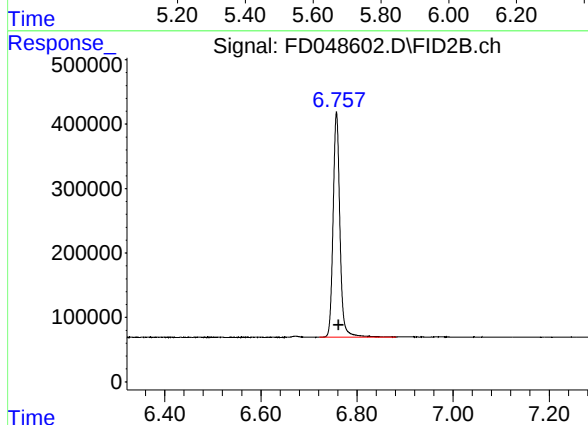
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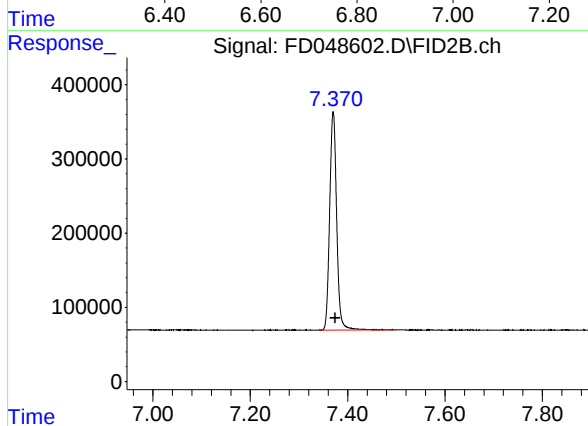
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.004 min
Response: 3409944
Conc: 19.11 ug/ml



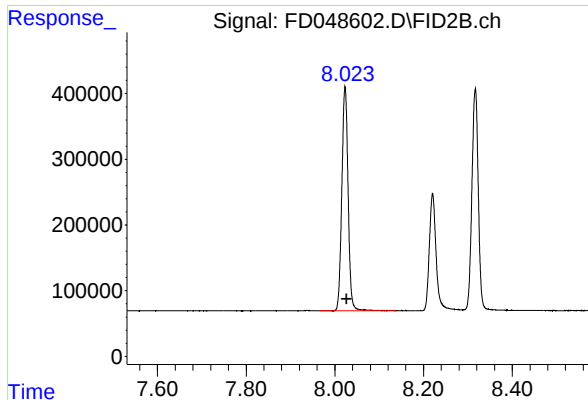
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 3429960
Conc: 19.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: -0.005 min
Response: 2925007
Conc: 19.27 ug/ml m



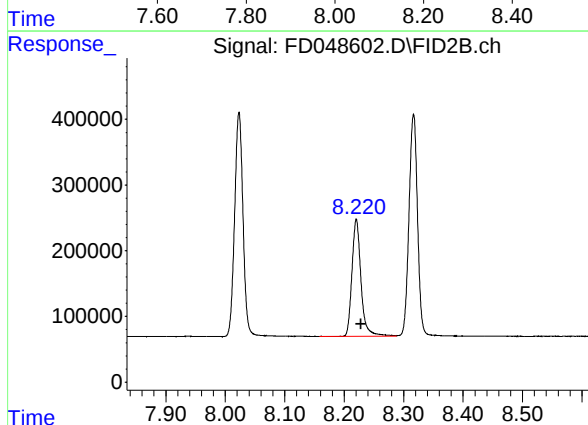
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 3346159
Conc: 19.06 ug/ml

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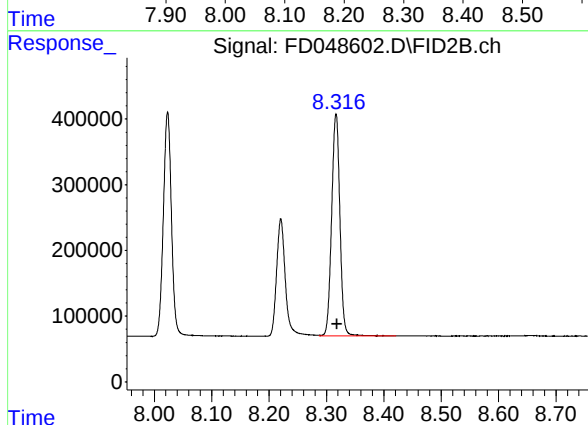
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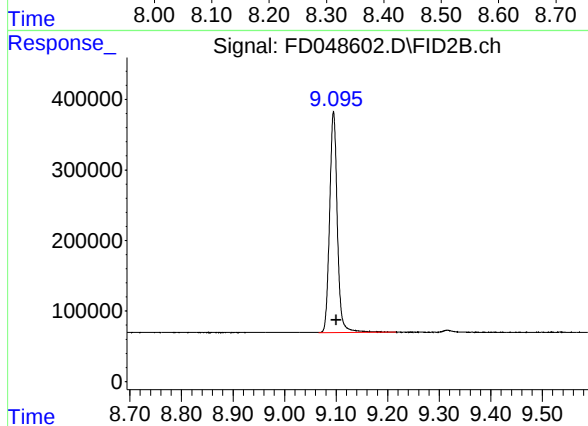
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.221 min
Delta R.T.: -0.008 min
Response: 1888357
Conc: 19.23 ug/ml



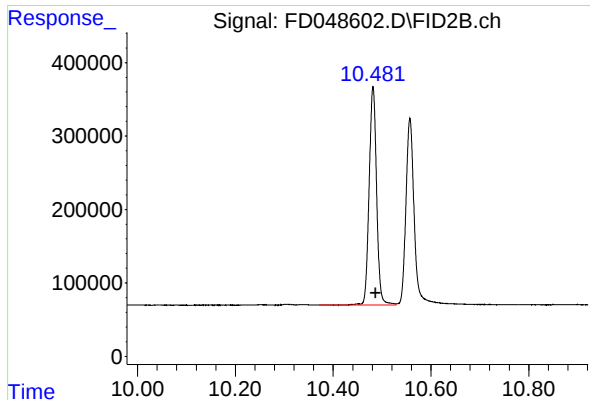
#7 Acenaphthene (C15.5)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 3382658
Conc: 19.07 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 3249197
Conc: 19.22 ug/ml m



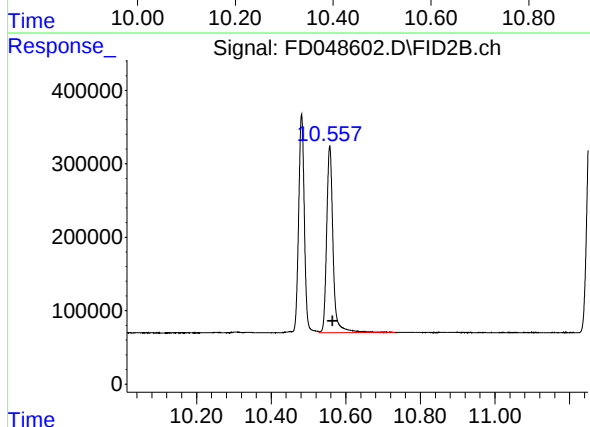
#9 Phenanthrene (C19.36)

R.T.: 10.482 min
Delta R.T.: -0.006 min
Response: 3142471
Conc: 19.01 ug/ml

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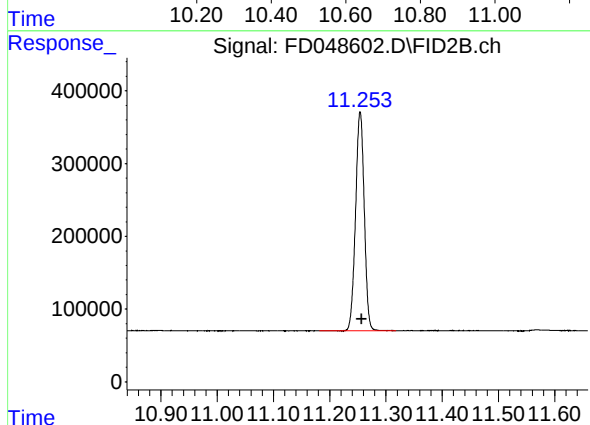
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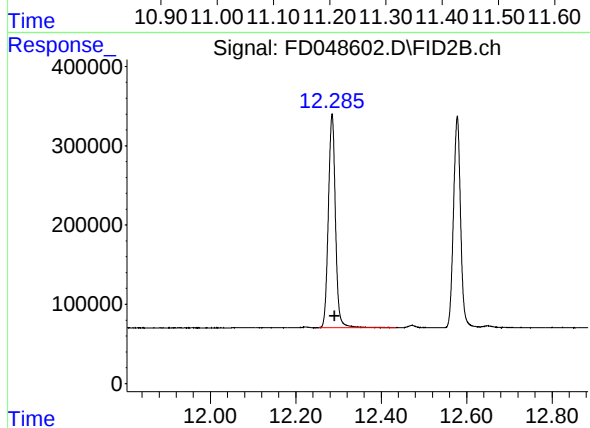
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.008 min
Response: 3028028
Conc: 18.94 ug/ml



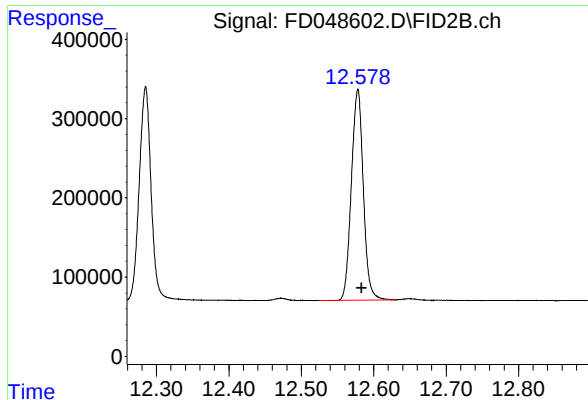
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3233046
Conc: 18.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: -0.007 min
Response: 3103818
Conc: 18.86 ug/ml



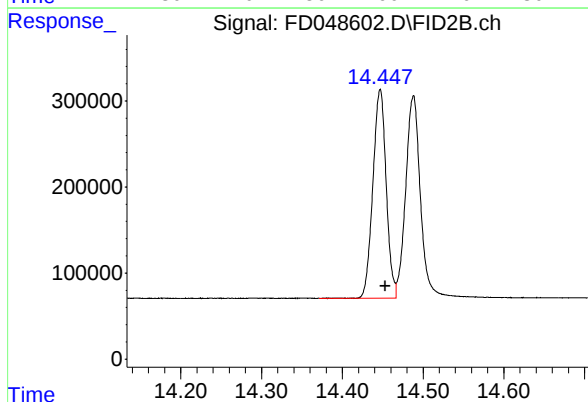
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 3043124
Conc: 18.89 ug/ml

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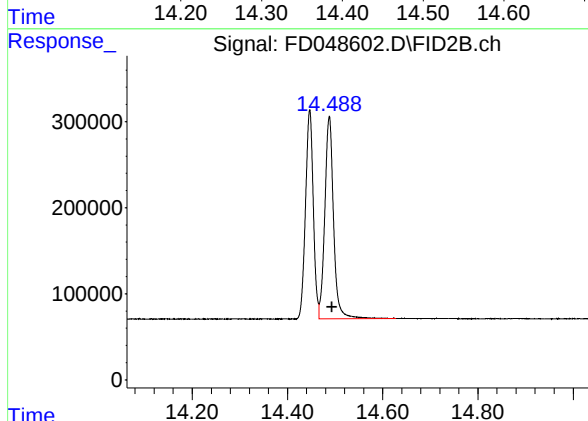
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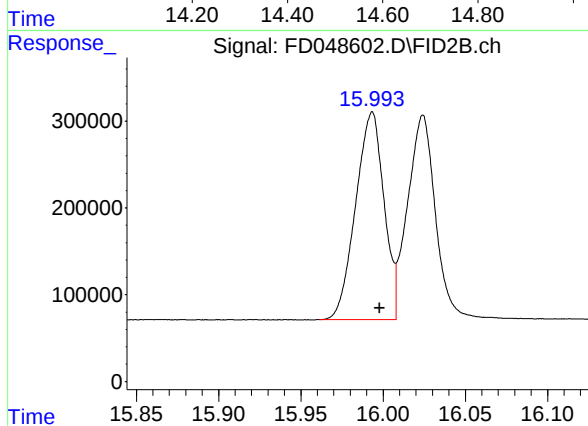
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.007 min
Response: 2767476
Conc: 18.93 ug/ml



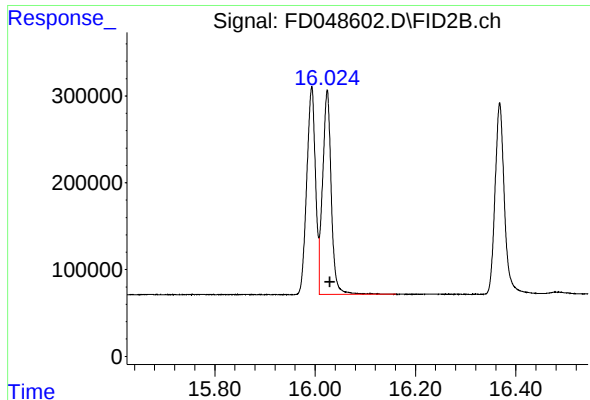
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: -0.006 min
Response: 3026890
Conc: 18.40 ug/ml



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

R.T.: 15.993 min
Delta R.T.: -0.005 min
Response: 2875532
Conc: 18.91 ug/ml



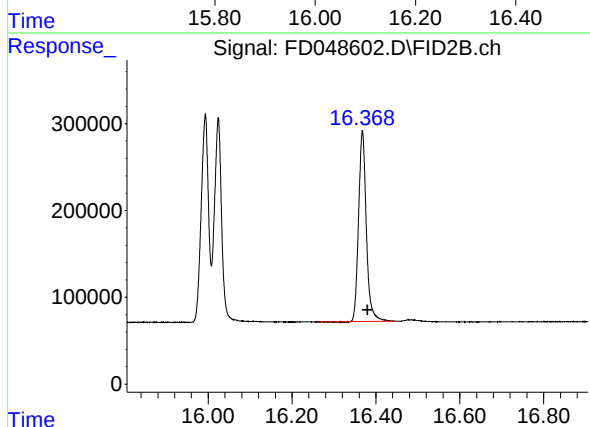
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 2823029
Conc: 18.78 ug/ml

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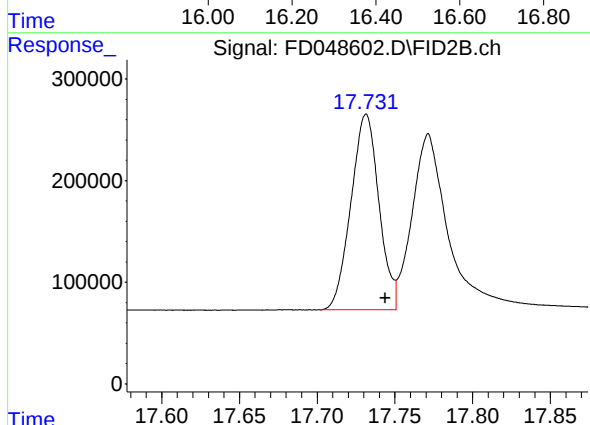
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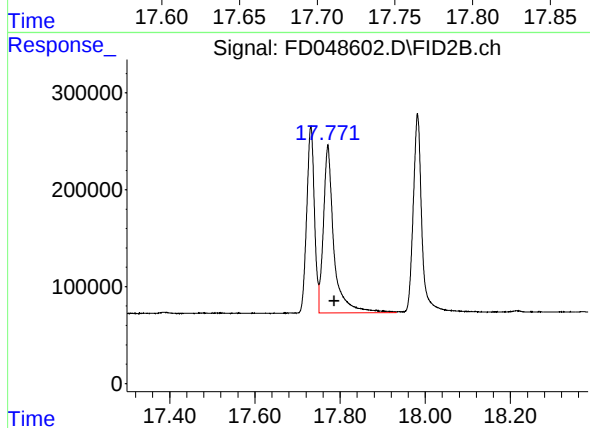
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.013 min
Response: 2810095
Conc: 18.67 ug/ml



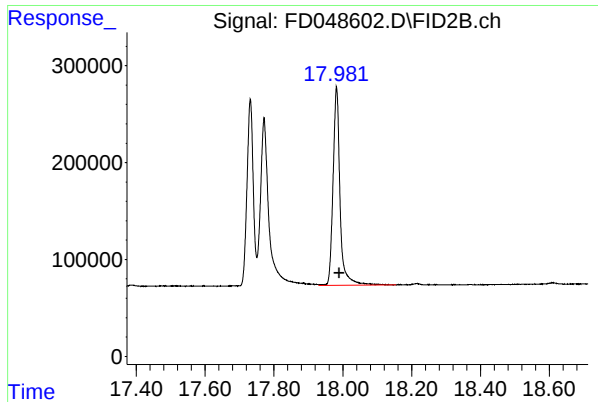
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.012 min
Response: 2412922
Conc: 18.49 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.015 min
Response: 2974886
Conc: 18.28 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.008 min
Response: 2879030
Conc: 18.81 ug/ml

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