

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073124AR\
 Data File : FD048104.D
 Signal(s) : FID2B.ch
 Acq On : 01 Aug 2024 01:05
 Operator : YP/AJ
 Sample : P3390-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 04:50:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.404	6967414	46.879 ug/ml
Spiked Amount 50.000		Recovery =	93.76%
6) S 2-Fluorobiphenyl (SURR)	8.254	4519407	47.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.51%
11) S ortho-Terphenyl (SURR)	11.294	7090398	42.377 ug/ml
Spiked Amount 50.000		Recovery =	84.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	597870	3.570 ug/ml
2) T Naphthalene (C11.7)	5.741	652772	3.777 ug/ml
3) T 2-Methylnaphthalene (...)	6.789	691832	3.988 ug/ml
5) T Acenaphthylene (C15.06)	8.055	685890	4.002 ug/ml
7) T Acenaphthene (C15.5)	8.349	726320	4.187 ug/ml
8) T Flouorene (C16.55)	9.128	662811	4.081 ug/ml
9) T Phenanthrene (C19.36)	10.516	632165	3.981 ug/ml
10) T Anthracene (C19.43)	10.591	610428	3.866 ug/ml
12) T Fluoranthene (C21.85)	12.321	774312	4.890 ug/ml
13) T Pyrene (C20.8)	12.614	681774	4.312 ug/ml
14) T Benzo[a]anthracene (C...	14.484	569449	4.171 ug/ml
15) T Chrysene (C27.41)	14.524	639970	3.970 ug/ml
16) T benzo[b]fluoranthene ...	16.029	584112	4.058 ug/ml
17) T Bnezo[k]fluoranthene ...	16.061	627681	4.203 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.408	633802	4.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	560416	4.969 ug/mlm
20) T Dibenz[a,h]anthracene...	17.812	630694	4.340 ug/ml
21) T Benzo[g,h,i]perylene ...	18.020	554162	3.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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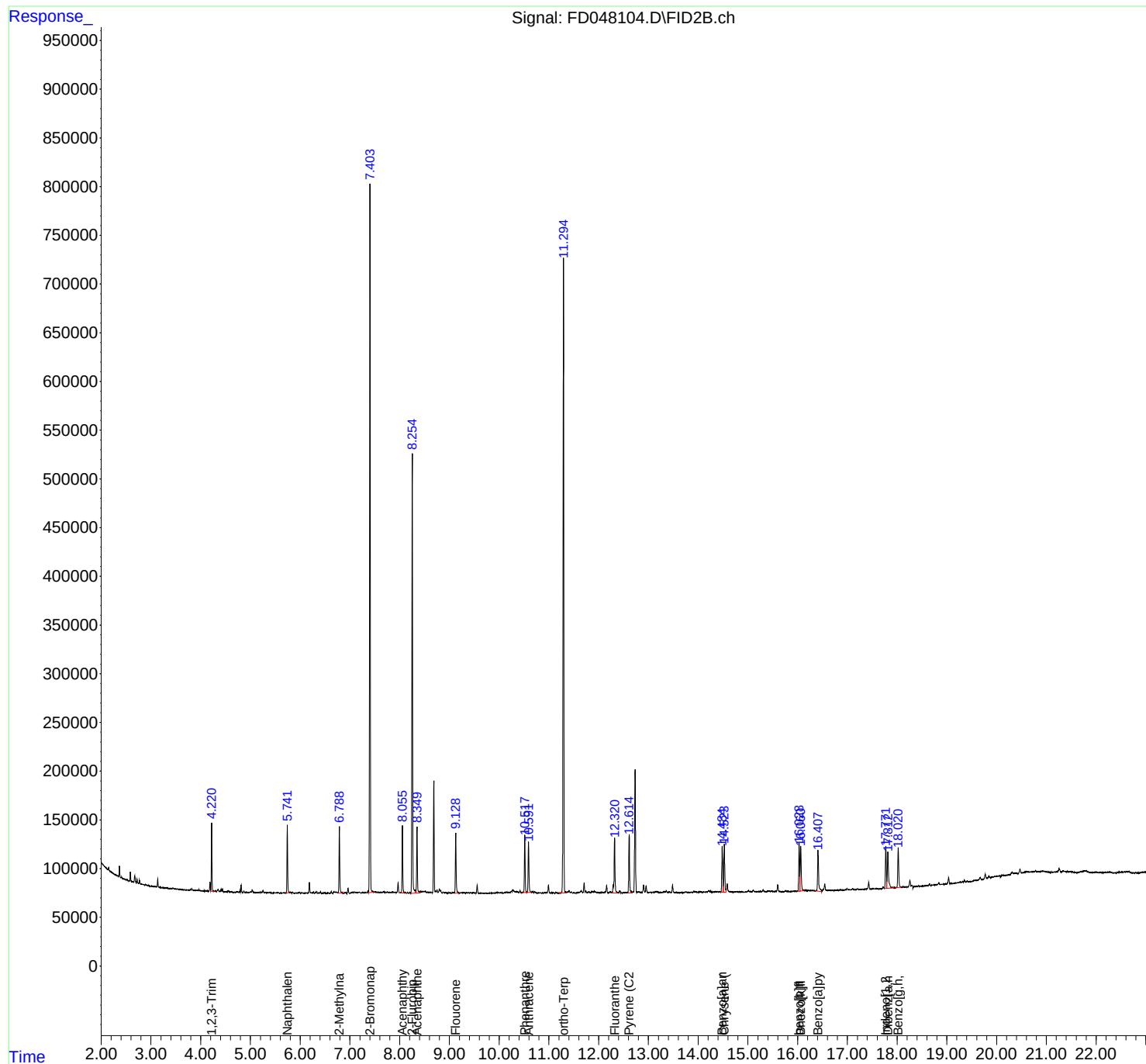
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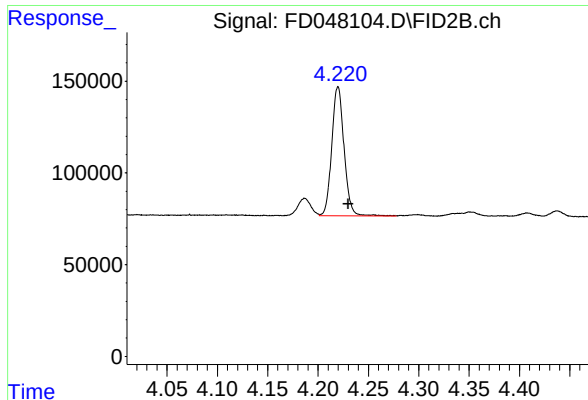
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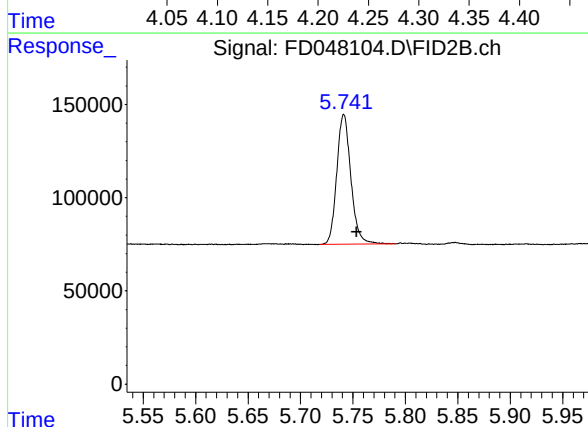
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 597870
Conc: 3.57 ug/ml

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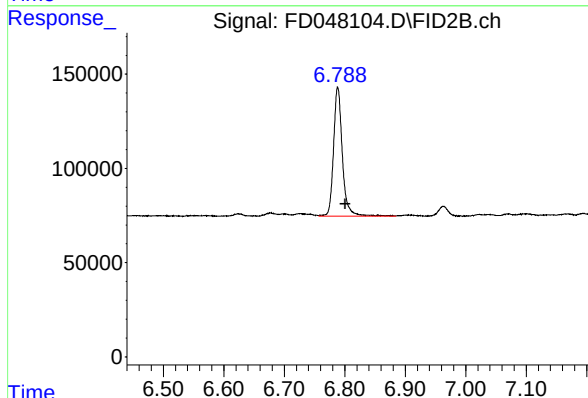
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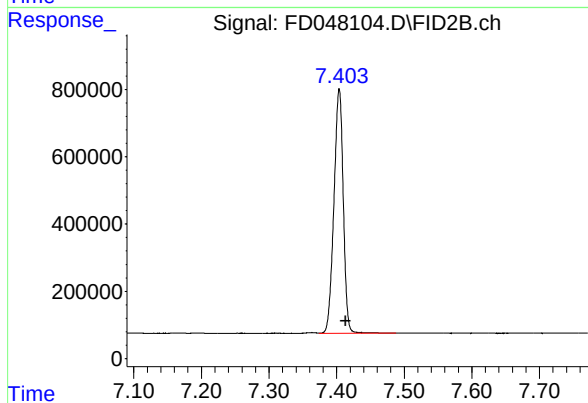
#2 Naphthalene (C11.7)

R.T.: 5.741 min
Delta R.T.: -0.012 min
Response: 652772
Conc: 3.78 ug/ml



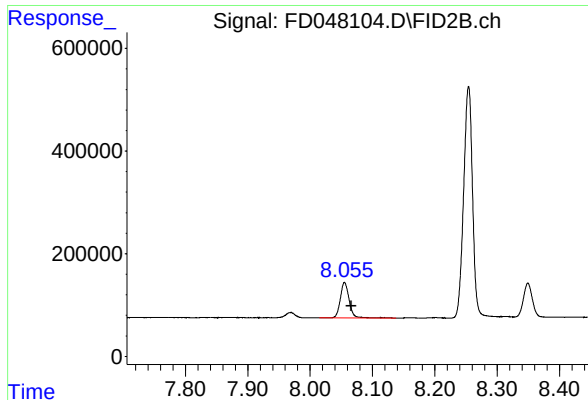
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.789 min
Delta R.T.: -0.012 min
Response: 691832
Conc: 3.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.404 min
Delta R.T.: -0.010 min
Response: 6967414
Conc: 46.88 ug/ml



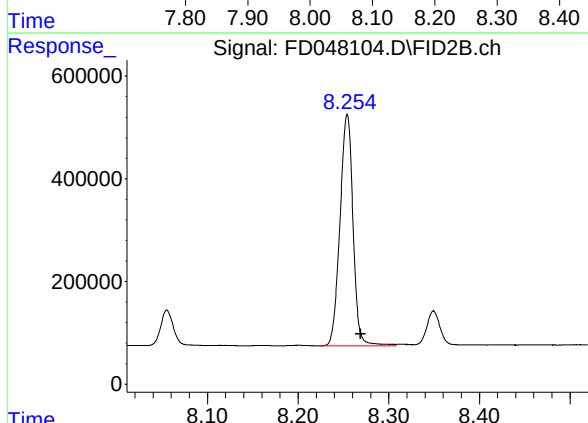
#5 Acenaphthylene (C15.06)

R.T.: 8.055 min
Delta R.T.: -0.011 min
Response: 685890
Conc: 4.00 ug/ml

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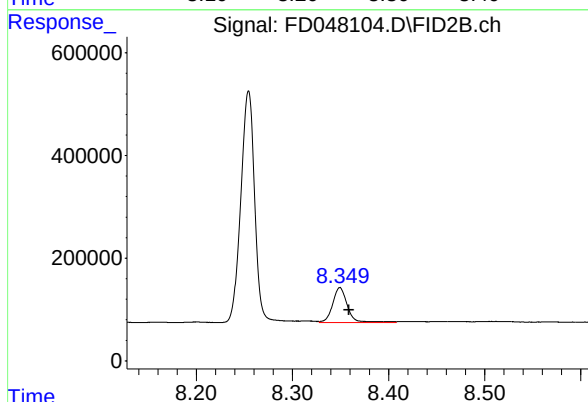
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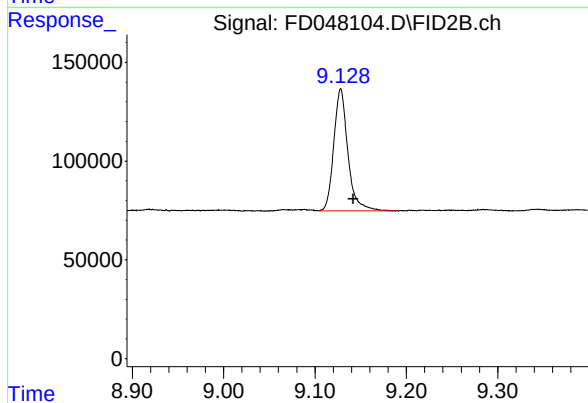
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.254 min
Delta R.T.: -0.015 min
Response: 4519407
Conc: 47.75 ug/ml



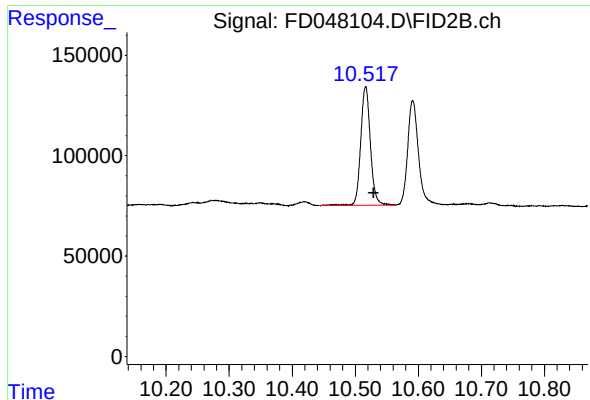
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: -0.009 min
Response: 726320
Conc: 4.19 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.128 min
Delta R.T.: -0.014 min
Response: 662811
Conc: 4.08 ug/ml



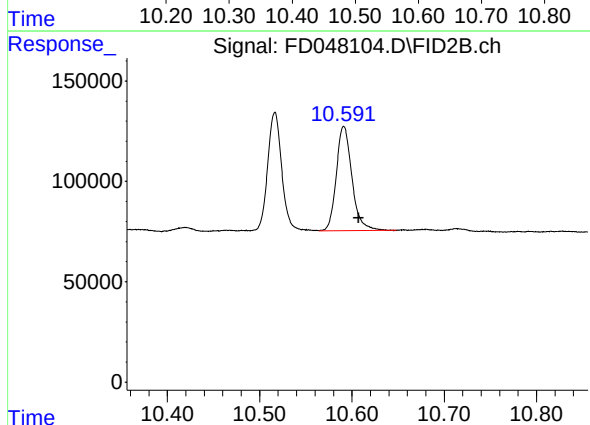
#9 Phenanthrene (C19.36)

R.T.: 10.516 min
Delta R.T.: -0.012 min
Response: 632165
Conc: 3.98 ug/ml

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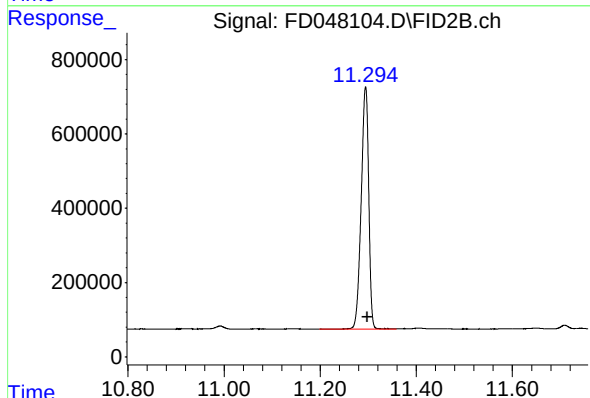
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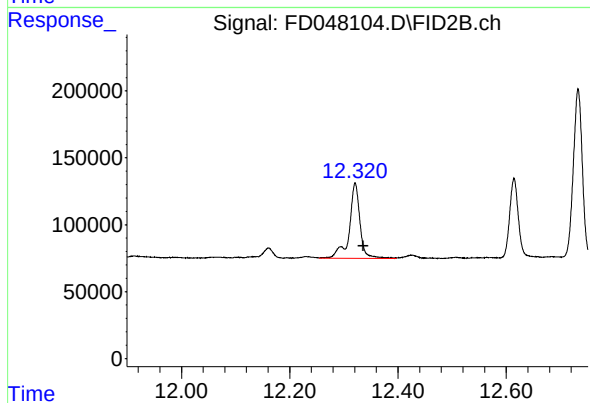
#10 Anthracene (C19.43)

R.T.: 10.591 min
Delta R.T.: -0.016 min
Response: 610428
Conc: 3.87 ug/ml



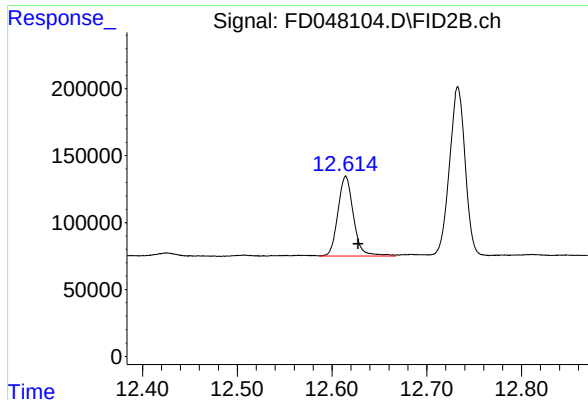
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min
Delta R.T.: -0.004 min
Response: 7090398
Conc: 42.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.321 min
Delta R.T.: -0.015 min
Response: 774312
Conc: 4.89 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.614 min
Delta R.T.: -0.013 min
Response: 681774
Conc: 4.31 ug/ml

Instrument :

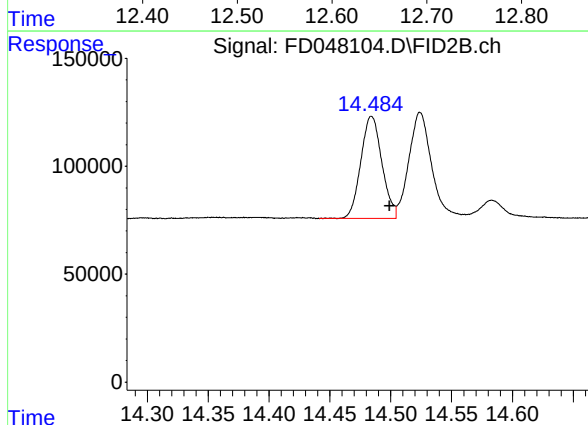
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ClientSampleId :

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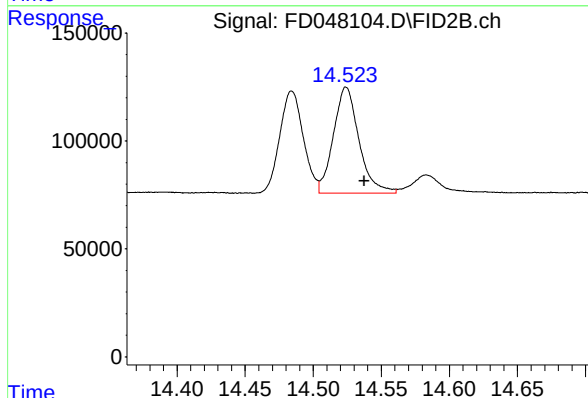
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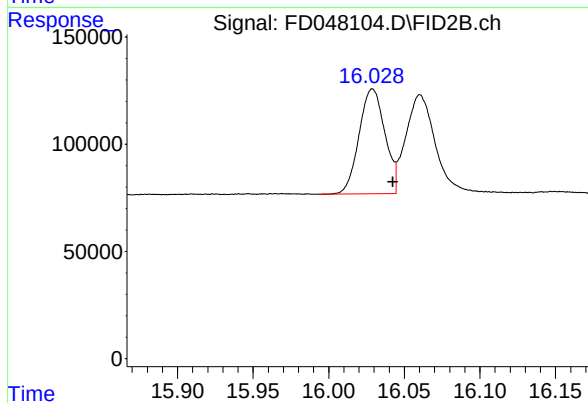
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: -0.015 min
Response: 569449
Conc: 4.17 ug/ml



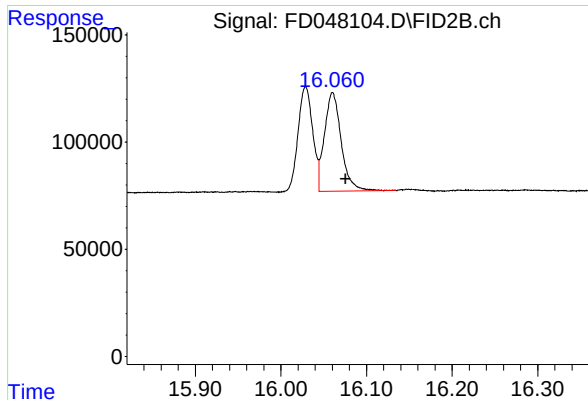
#15 Chrysene (C27.41)

R.T.: 14.524 min
Delta R.T.: -0.013 min
Response: 639970
Conc: 3.97 ug/ml



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

R.T.: 16.029 min
Delta R.T.: -0.014 min
Response: 584112
Conc: 4.06 ug/ml



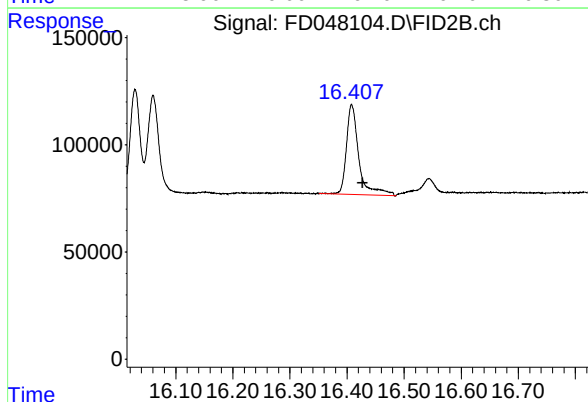
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.061 min
Delta R.T.: -0.015 min
Response: 627681
Conc: 4.20 ug/ml

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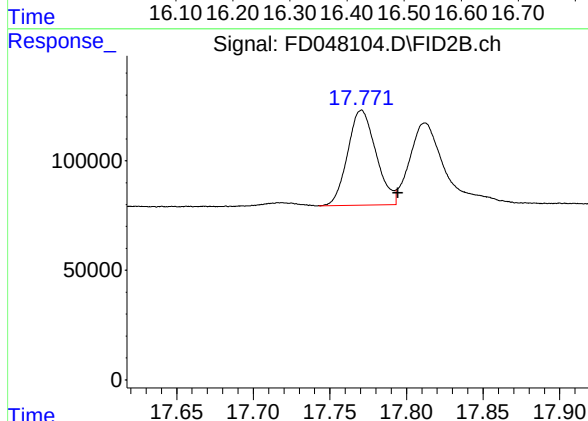
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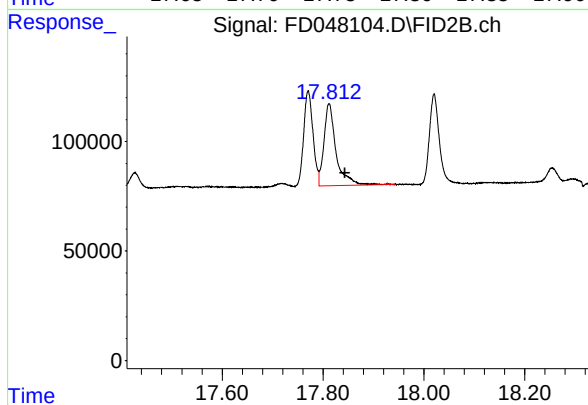
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.408 min
Delta R.T.: -0.019 min
Response: 633802
Conc: 4.47 ug/ml



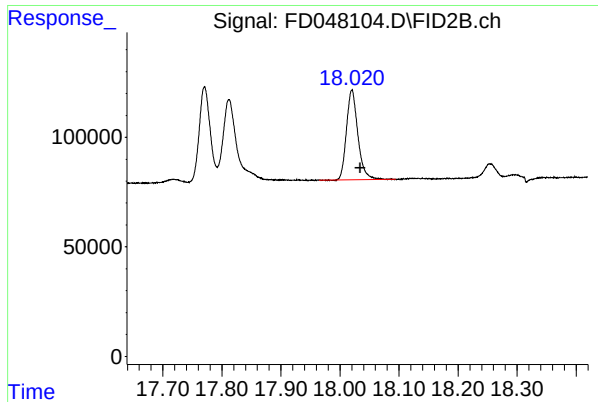
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: -0.024 min
Response: 560416
Conc: 4.97 ug/ml m



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

R.T.: 17.812 min
Delta R.T.: -0.032 min
Response: 630694
Conc: 4.34 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.014 min
Response: 554162
Conc: 3.76 ug/ml

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