

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048247.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2024 01:56
 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 08/30/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 30 03:00:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	3058159	20.489 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
6) S 2-Fluorobiphenyl (SURR)	8.243	2005235	20.950 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.90%
11) S ortho-Terphenyl (SURR)	11.278	3513083	20.856 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	3504404	20.559 ug/ml
2) T Naphthalene (C11.7)	5.733	3591031	20.608 ug/ml
3) T 2-Methylnaphthalene (...)	6.780	3587405	20.628 ug/ml
5) T Acenaphthylene (C15.06)	8.046	3525839	20.477 ug/ml
7) T Acenaphthene (C15.5)	8.340	3578564	20.667 ug/ml
8) T Fluorene (C16.55)	9.118	3429479	20.796 ug/ml
9) T Phenanthrene (C19.36)	10.506	3374883	21.087 ug/ml
10) T Anthracene (C19.43)	10.581	3052401	19.459 ug/ml
12) T Fluoranthene (C21.85)	12.309	3330295	20.917 ug/ml
13) T Pyrene (C20.8)	12.602	3343616	21.305 ug/ml
14) T Benzo[a]anthracene (C...	14.469	3013764	21.395 ug/mlm
15) T Chrysene (C27.41)	14.511	3224328	20.228 ug/ml
16) T benzo[b]fluoranthene ...	16.016	3172352	21.367 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.047	2977688	20.072 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	3135568	21.291 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	2695422	22.051 ug/mlm
20) T Dibenz[a,h]anthracene...	17.794	3268425	21.396 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	3012934	19.952 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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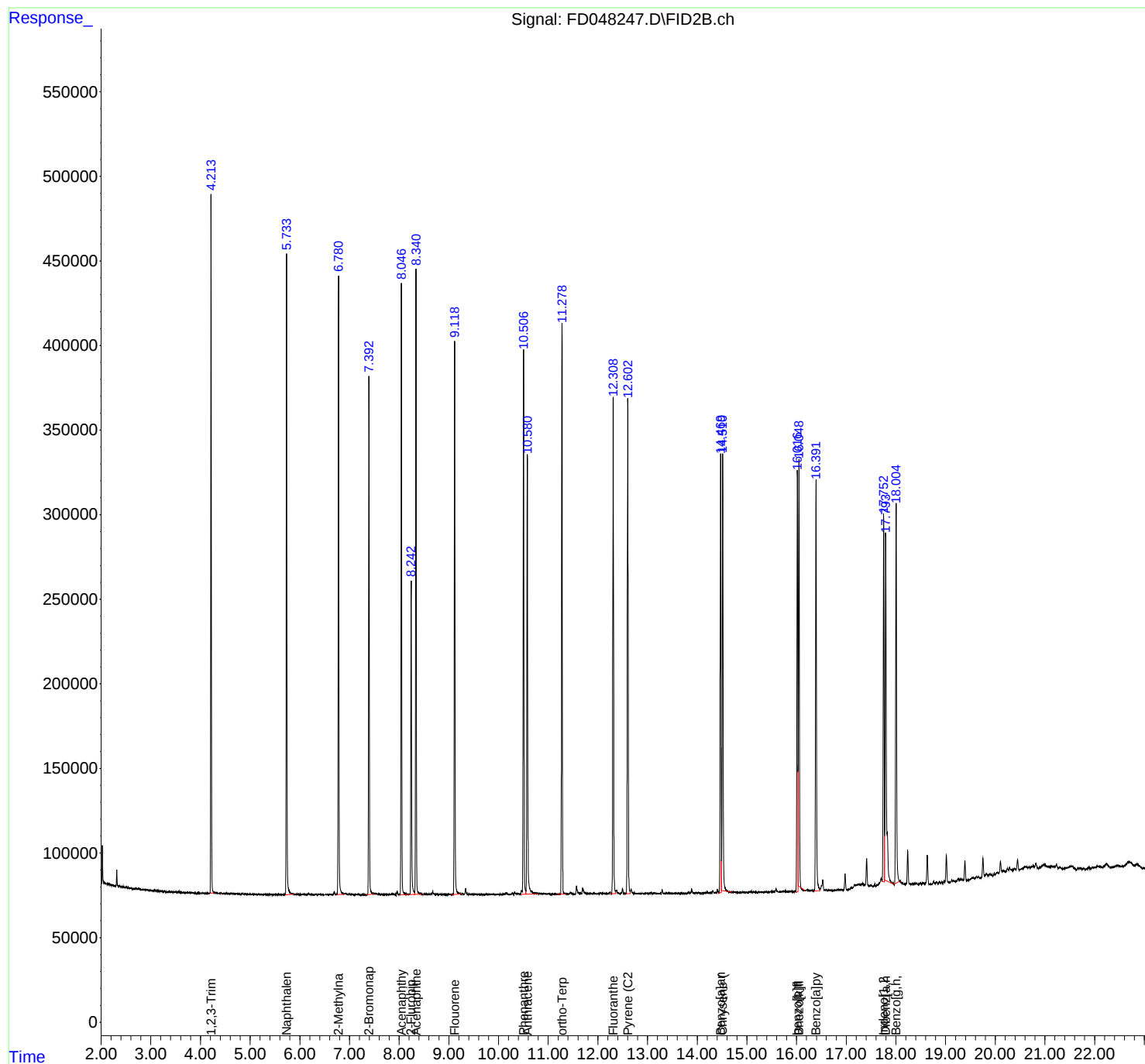
Instrument :
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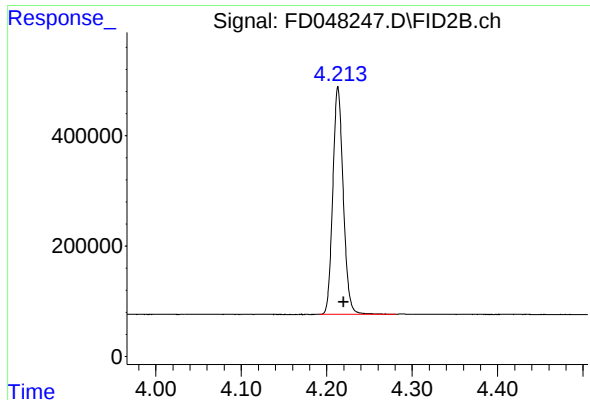
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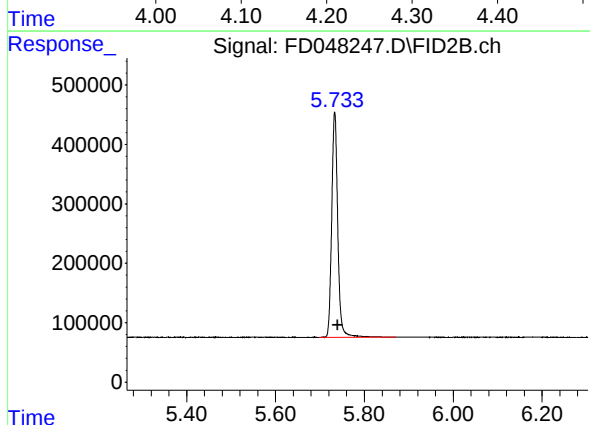
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 3504404
Conc: 20.56 ug/ml

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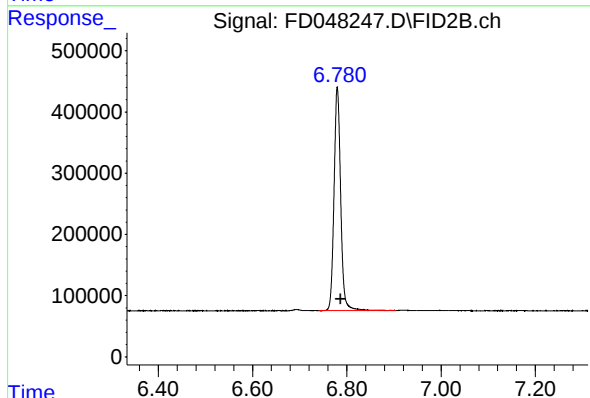
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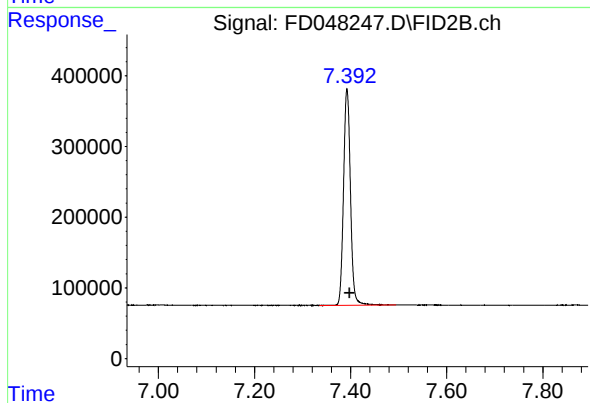
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 3591031
Conc: 20.61 ug/ml



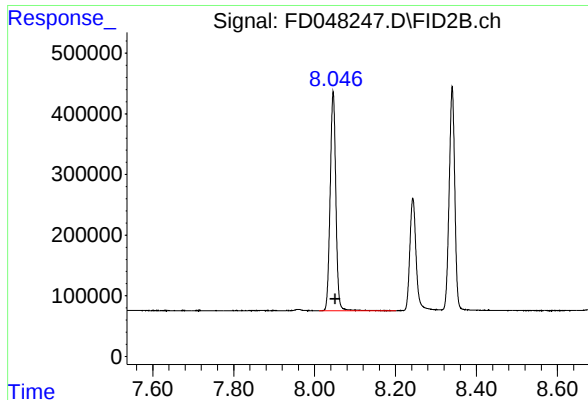
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.780 min
Delta R.T.: -0.007 min
Response: 3587405
Conc: 20.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 3058159
Conc: 20.49 ug/ml



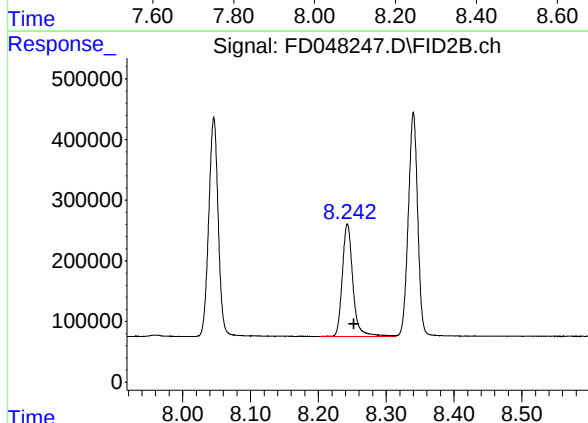
#5 Acenaphthylene (C15.06)

R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 3525839
Conc: 20.48 ug/ml

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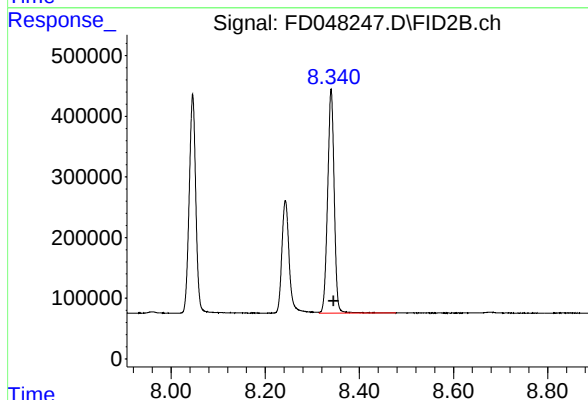
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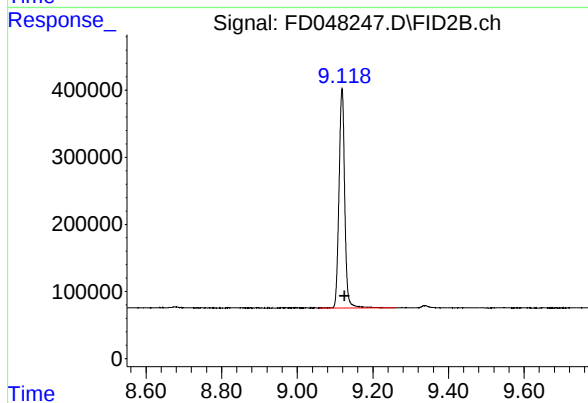
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.010 min
Response: 2005235
Conc: 20.95 ug/ml



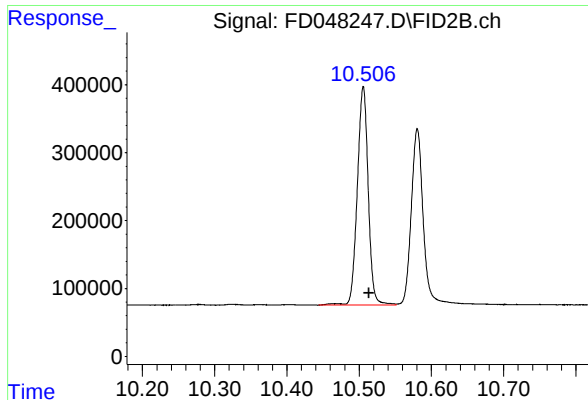
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: -0.005 min
Response: 3578564
Conc: 20.67 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.118 min
Delta R.T.: -0.008 min
Response: 3429479
Conc: 20.80 ug/ml



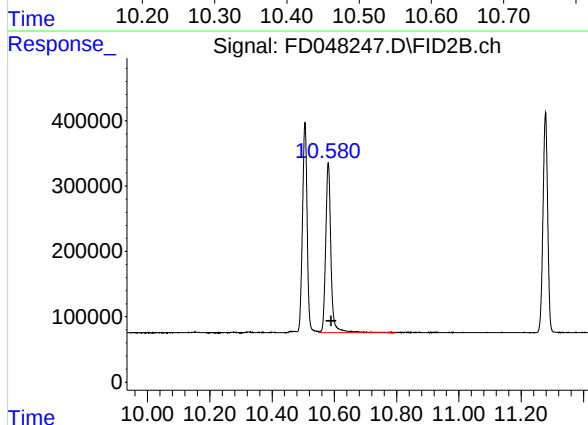
#9 Phenanthrene (C19.36)

R.T.: 10.506 min
Delta R.T.: -0.008 min
Response: 3374883
Conc: 21.09 ug/ml

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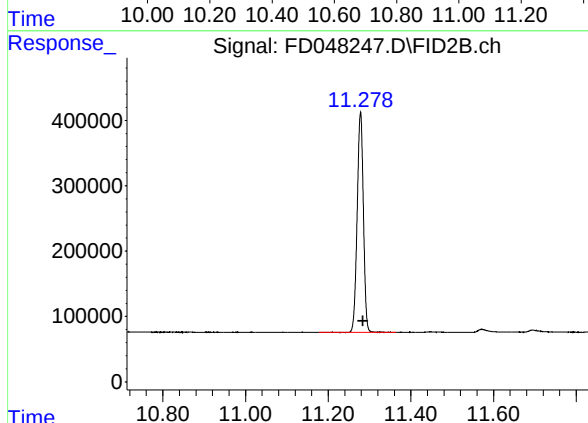
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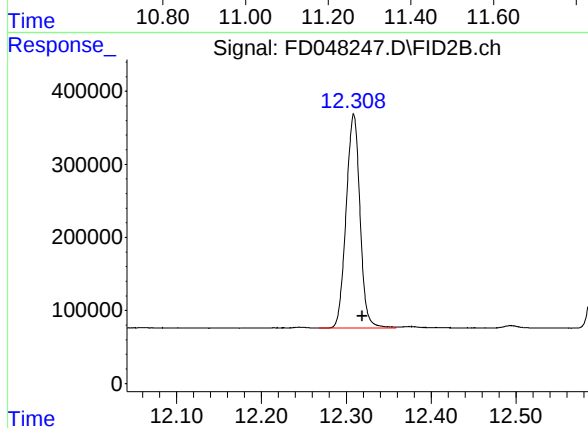
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: -0.010 min
Response: 3052401
Conc: 19.46 ug/ml



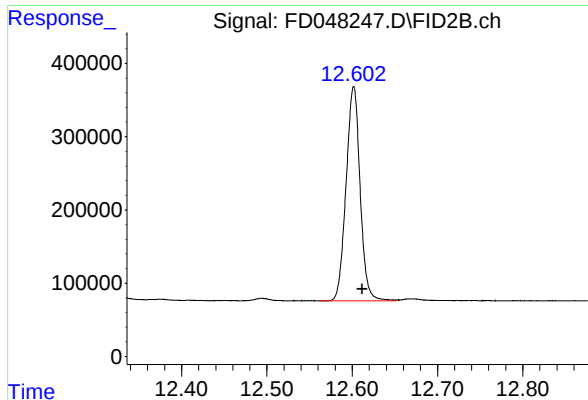
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: -0.006 min
Response: 3513083
Conc: 20.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.309 min
Delta R.T.: -0.010 min
Response: 3330295
Conc: 20.92 ug/ml



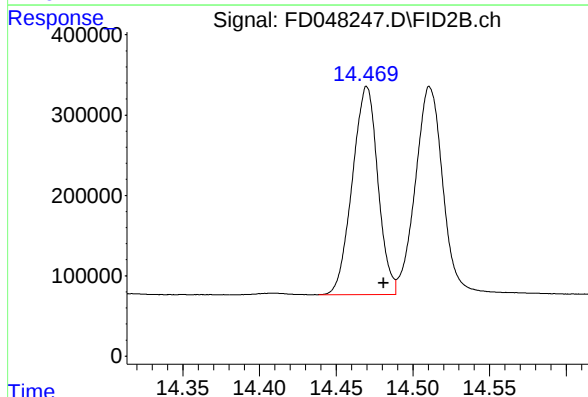
#13 Pyrene (C20.8)

R.T.: 12.602 min
Delta R.T.: -0.010 min
Response: 3343616
Conc: 21.31 ug/ml

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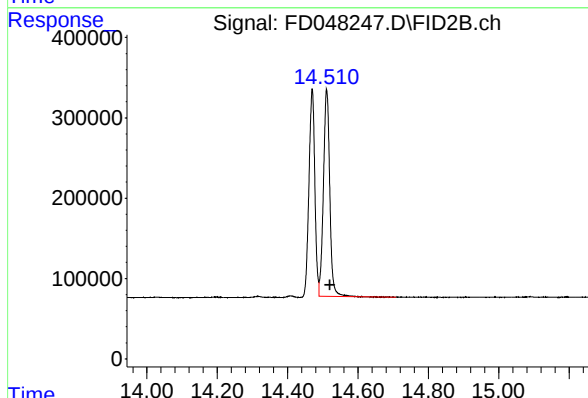
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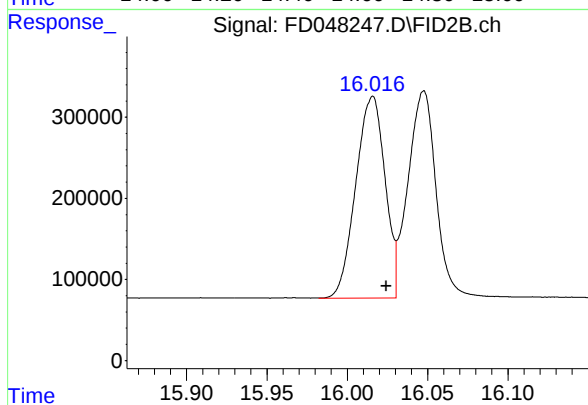
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: -0.012 min
Response: 3013764
Conc: 21.39 ug/ml m



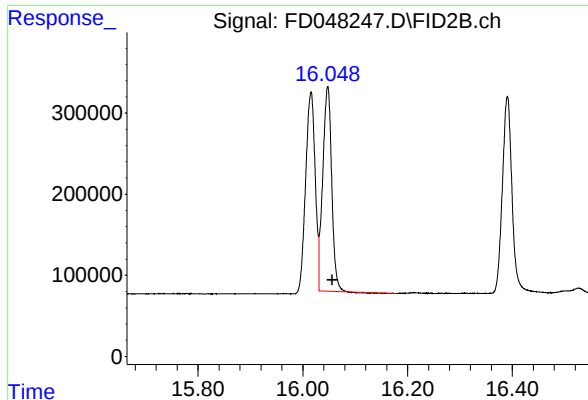
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: -0.009 min
Response: 3224328
Conc: 20.23 ug/ml



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

R.T.: 16.016 min
Delta R.T.: -0.009 min
Response: 3172352
Conc: 21.37 ug/ml m



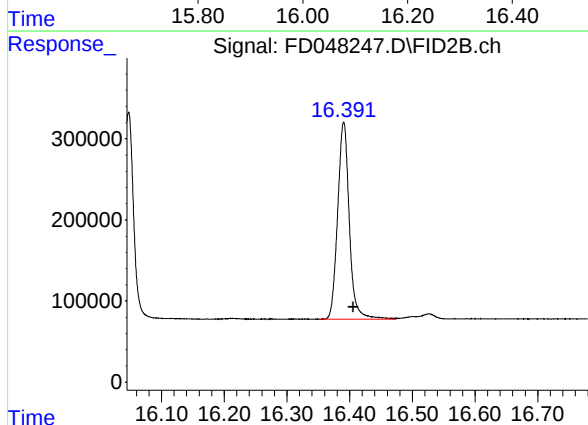
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: -0.009 min
Response: 2977688
Conc: 20.07 ug/ml

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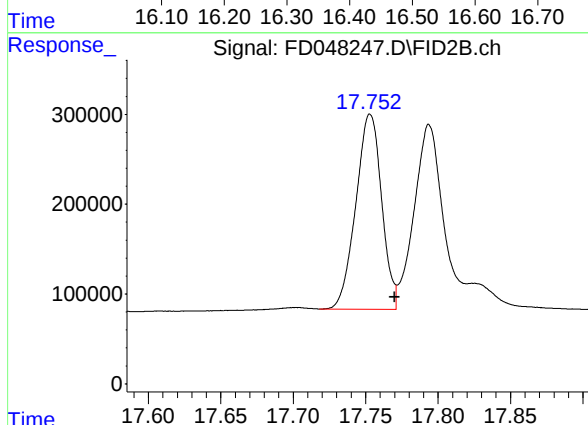
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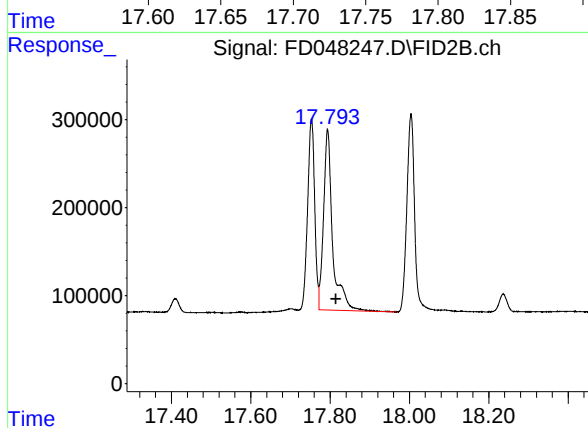
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.016 min
Response: 3135568
Conc: 21.29 ug/ml



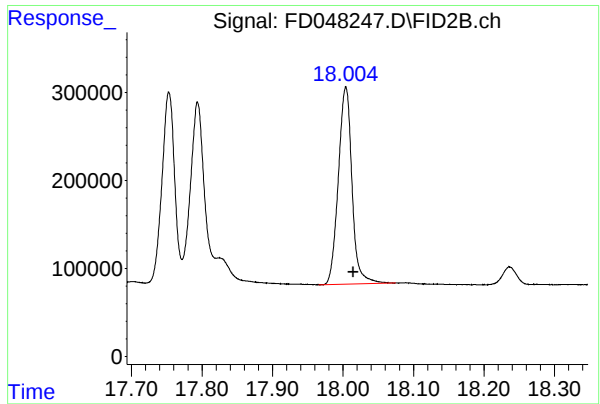
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.018 min
Response: 2695422
Conc: 22.05 ug/ml m



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

R.T.: 17.794 min
Delta R.T.: -0.021 min
Response: 3268425
Conc: 21.40 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.011 min
Response: 3012934
Conc: 19.95 ug/ml

Instrument :

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