

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD053122AR\
 Data File : FD042690.D
 Signal(s) : FID2B.CH
 Acq On : 31 May 2022 16:33
 Operator : UA/NP
 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 06/01/2022
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: autoint1.e
 Quant Time: Jun 01 02:22:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 19:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.664	3090621	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
6) S 2-Fluorobiphenyl (SURR)	8.527	2078556	20.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.42%
11) S ortho-Terphenyl (SURR)	11.578	3572707	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	3390645	20.251 ug/ml
2) T Naphthalene (C11.7)	5.998	3520526	20.362 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	3232287	20.269 ug/ml
5) T Acenaphthylene (C15.06)	8.331	3460629	20.030 ug/ml
7) T Acenaphthene (C15.5)	8.627	3465577	20.141 ug/ml
8) T Flouorene (C16.55)	9.409	3405063	20.282 ug/ml
9) T Phenanthrene (C19.36)	10.808	3325153	20.221 ug/mlm
10) T Anthracene (C19.43)	10.882	3039649	19.888 ug/ml
12) T Fluoranthene (C21.85)	12.623	3200433	20.314 ug/ml
13) T Pyrene (C20.8)	12.920	3159259	20.292 ug/ml
14) T Benzo[a]anthracene (C...	14.792	2795829	20.969 ug/ml
15) T Chrysene (C27.41)	14.835	2765316	20.931 ug/ml
16) T benzo[b]fluoranthene ...	16.344	2738863	20.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.375	2574255	20.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.722	2528109	20.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.086	2304369	20.674 ug/ml
20) T Dibenz[a,h]anthracene...	18.128	2458009	22.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.341	2450985	20.621 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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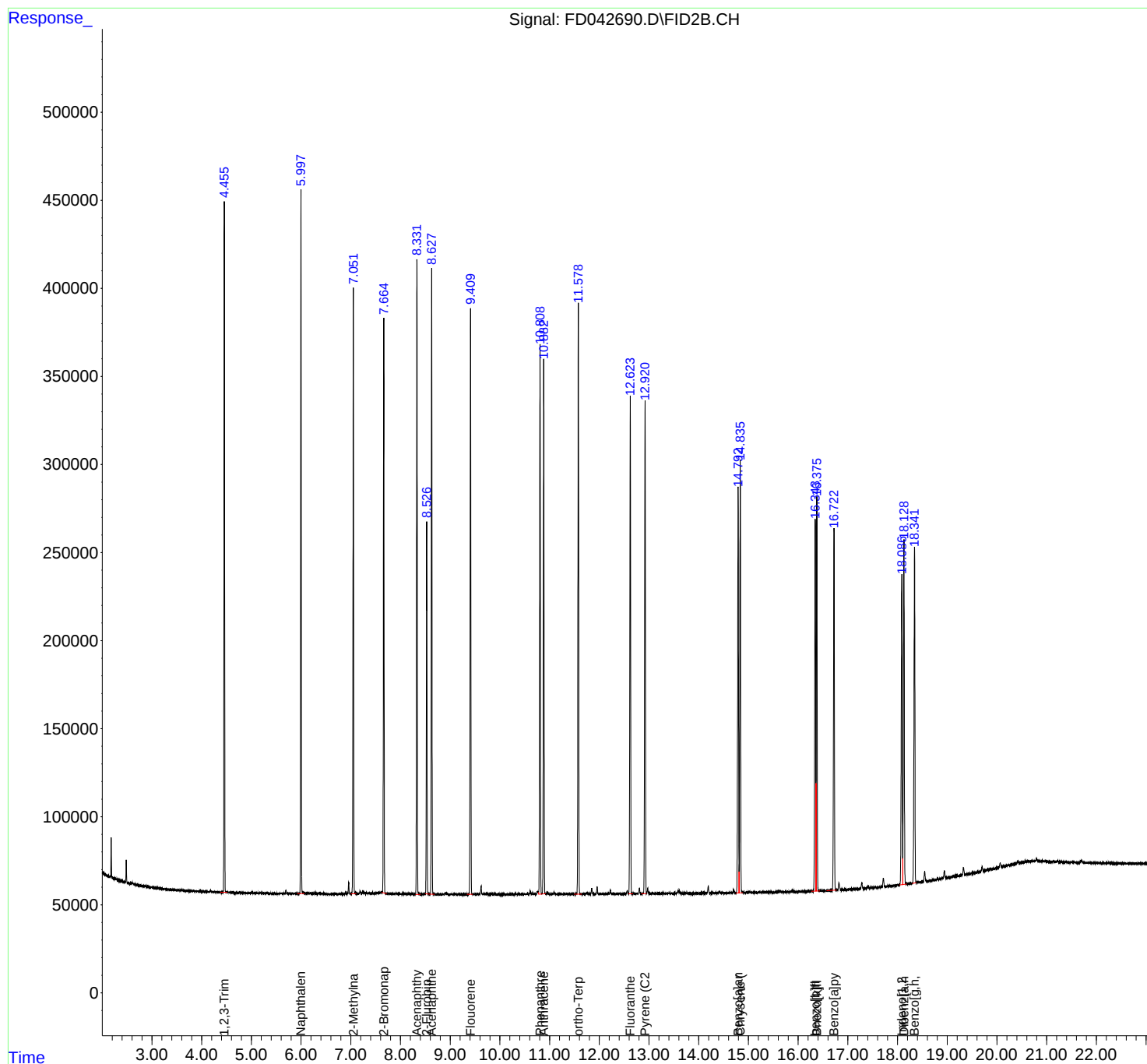
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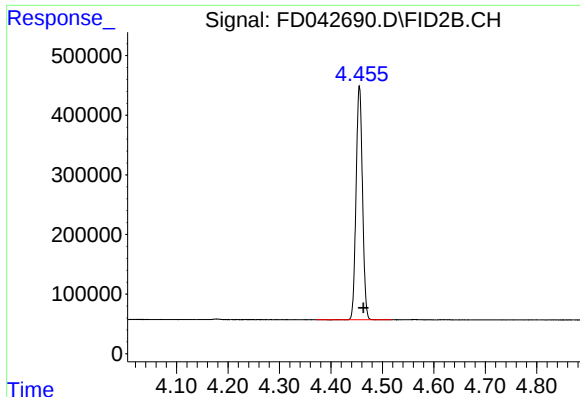
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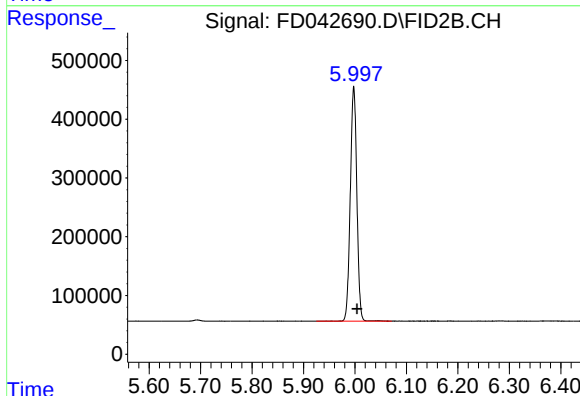
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 3390645
Conc: 20.25 ug/ml

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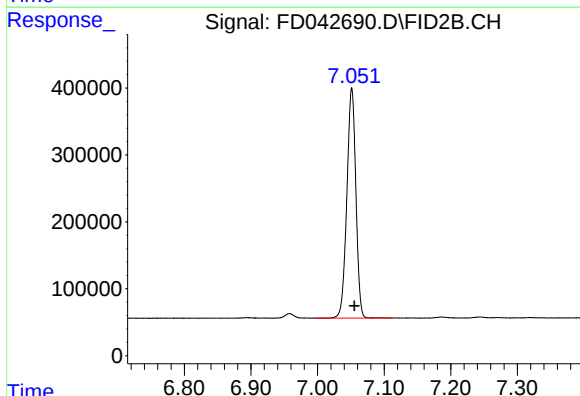
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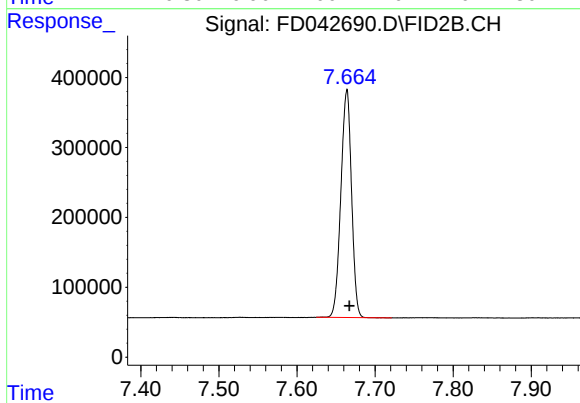
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 3520526
Conc: 20.36 ug/ml



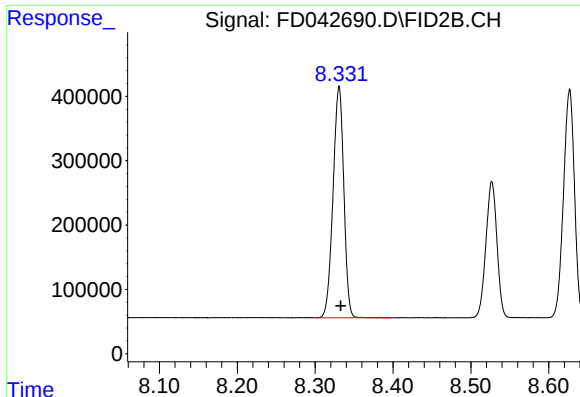
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.004 min
Response: 3232287
Conc: 20.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.004 min
Response: 3090621
Conc: 20.23 ug/ml



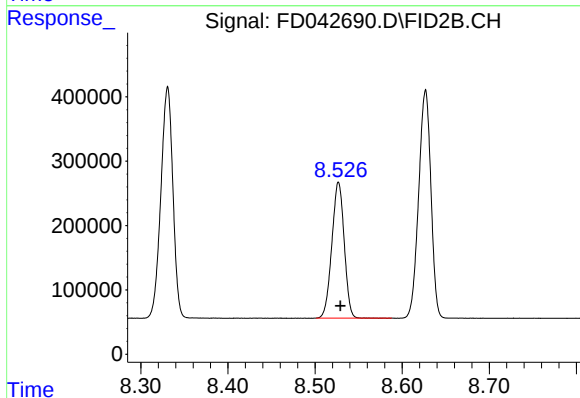
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 3460629
Conc: 20.03 ug/ml

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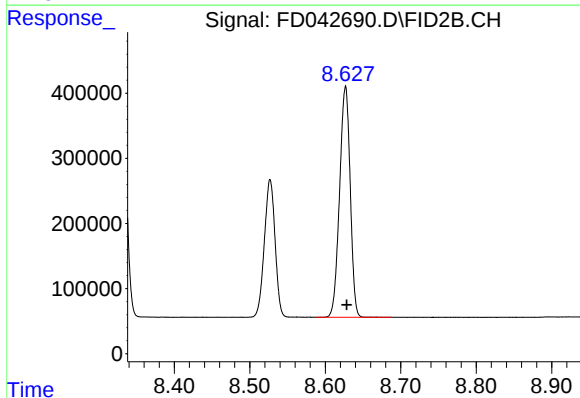
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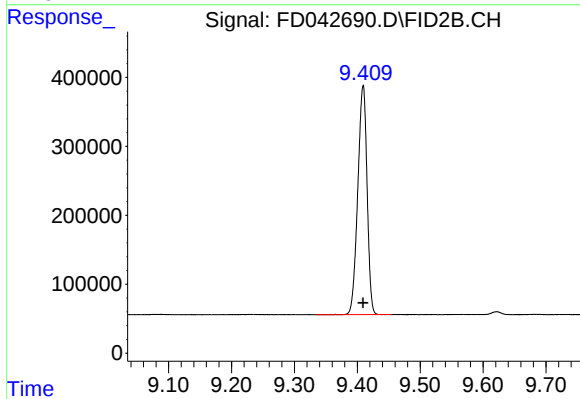
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.527 min
Delta R.T.: -0.002 min
Response: 2078556
Conc: 20.21 ug/ml



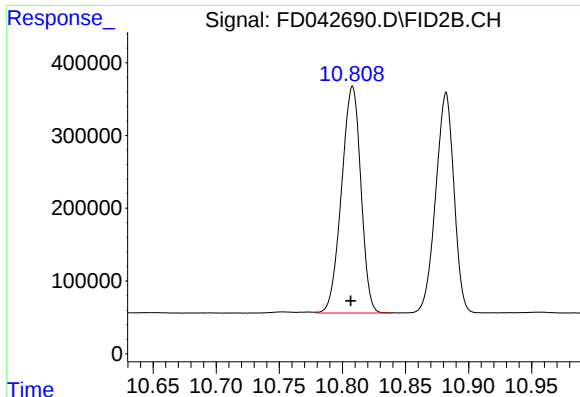
#7 Acenaphthene (C15.5)

R.T.: 8.627 min
Delta R.T.: -0.002 min
Response: 3465577
Conc: 20.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.409 min
Delta R.T.: 0.000 min
Response: 3405063
Conc: 20.28 ug/ml



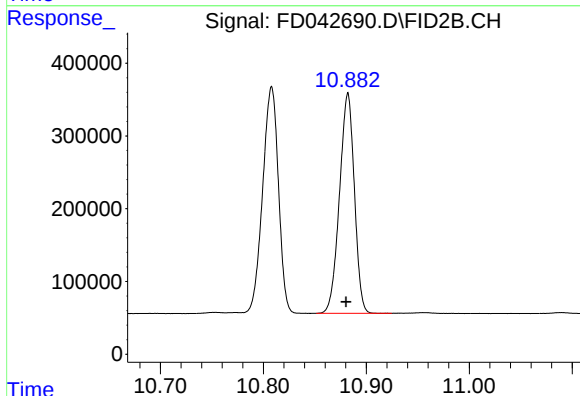
#9 Phenanthrene (C19.36)

R.T.: 10.808 min
Delta R.T.: 0.001 min
Response: 3325153
Conc: 20.22 ug/ml

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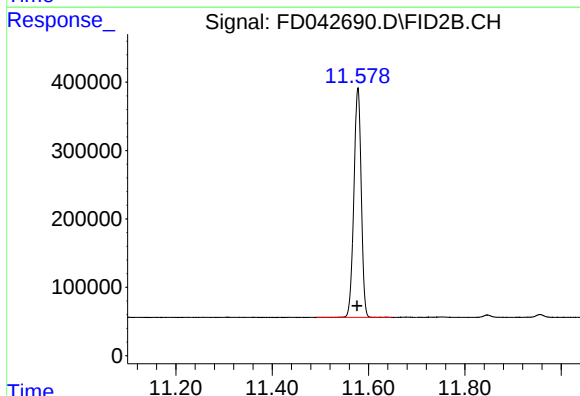
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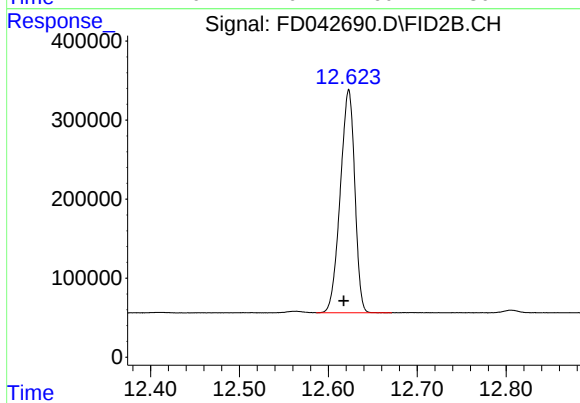
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.001 min
Response: 3039649
Conc: 19.89 ug/ml



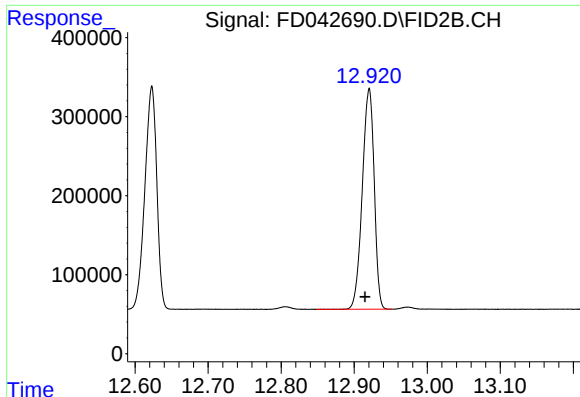
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 3572707
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.623 min
Delta R.T.: 0.005 min
Response: 3200433
Conc: 20.31 ug/ml



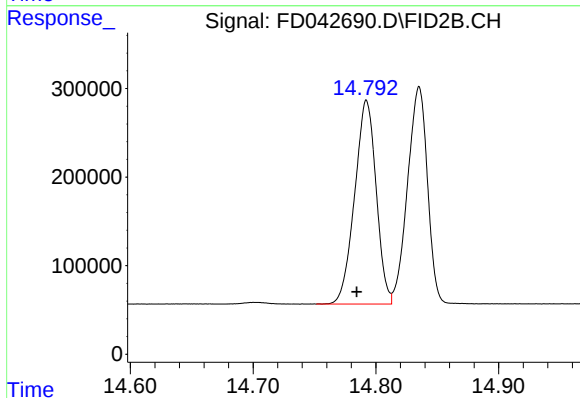
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: 0.005 min
Response: 3159259
Conc: 20.29 ug/ml

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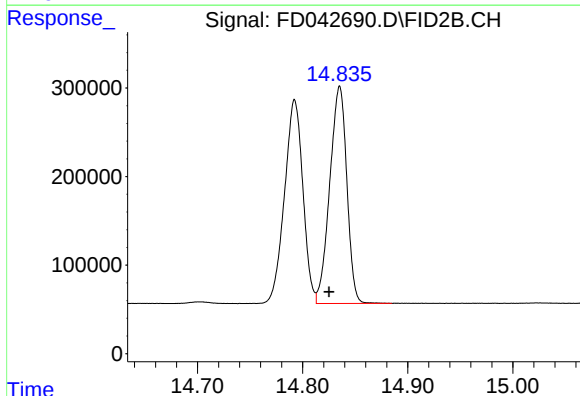
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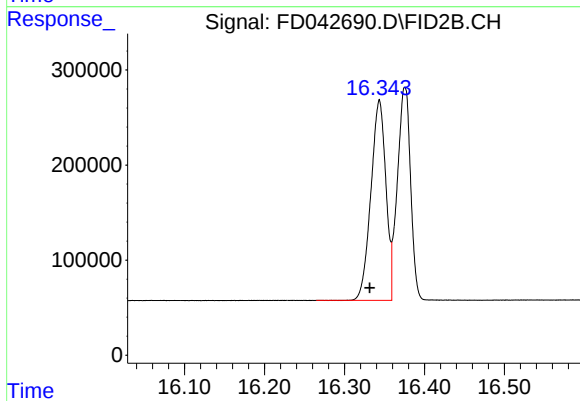
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.792 min
Delta R.T.: 0.008 min
Response: 2795829
Conc: 20.97 ug/ml



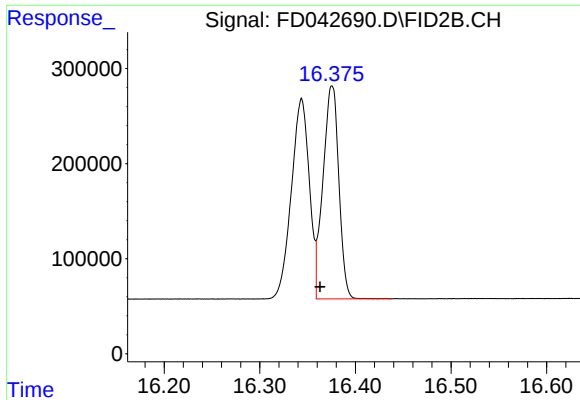
#15 Chrysene (C27.41)

R.T.: 14.835 min
Delta R.T.: 0.010 min
Response: 2765316
Conc: 20.93 ug/ml



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

R.T.: 16.344 min
Delta R.T.: 0.012 min
Response: 2738863
Conc: 20.56 ug/ml



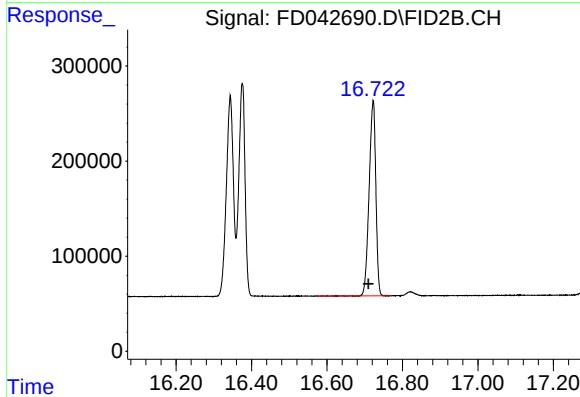
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.375 min
Delta R.T.: 0.012 min
Response: 2574255
Conc: 20.78 ug/ml

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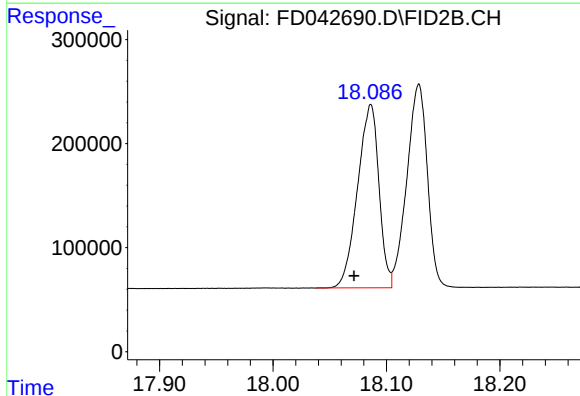
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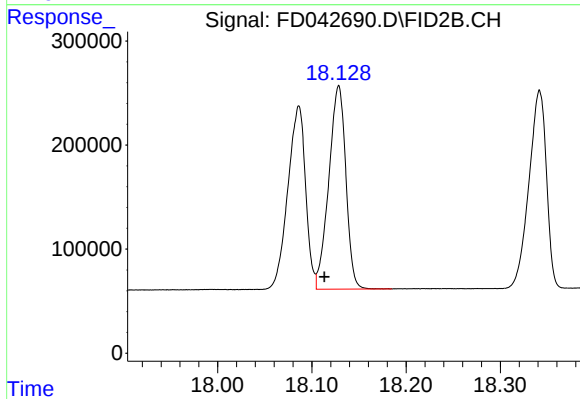
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.722 min
Delta R.T.: 0.012 min
Response: 2528109
Conc: 20.43 ug/ml



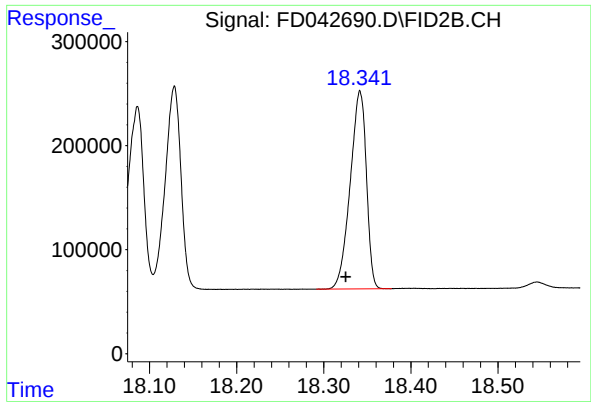
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.086 min
Delta R.T.: 0.014 min
Response: 2304369
Conc: 20.67 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.015 min
Response: 2458009
Conc: 22.10 ug/ml



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

R.T.: 18.341 min
Delta R.T.: 0.016 min
Response: 2450985
Conc: 20.62 ug/ml

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