

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042951.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jun 2022 16:01
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: sample.E
 Quant Time: Jun 20 02:44:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.652	3132634	20.500 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
6) S 2-Fluorobiphenyl (SURR)	8.516	2039320	19.829 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.66%
11) S ortho-Terphenyl (SURR)	11.566	3398853	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	3546678	21.183 ug/ml
2) T Naphthalene (C11.7)	5.986	3619805	20.936 ug/ml
3) T 2-Methylnaphthalene (...)	7.041	3285677	20.604 ug/ml
5) T Acenaphthylene (C15.06)	8.319	3401840	19.690 ug/mlm
7) T Acenaphthene (C15.5)	8.616	3423685	19.897 ug/ml
8) T Flouorene (C16.55)	9.398	3285563	19.571 ug/ml
9) T Phenanthrene (C19.36)	10.796	3054733	18.576 ug/ml
10) T Anthracene (C19.43)	10.871	2747521	17.976 ug/ml
12) T Fluoranthene (C21.85)	12.611	2807061	17.817 ug/ml
13) T Pyrene (C20.8)	12.908	2752343	17.679 ug/ml
14) T Benzo[a]anthracene (C...	14.782	2625254	19.689 ug/ml
15) T Chrysene (C27.41)	14.825	2619517	19.827 ug/ml
16) T benzo[b]fluoranthene ...	16.336	2798300	21.006 ug/ml
17) T Bnezo[k]fluoranthene ...	16.367	2654193	21.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.713	2660872	21.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.080	2464300	22.109 ug/ml
20) T Dibenz[a,h]anthracene...	18.121	2661020	23.922 ug/ml
21) T Benzo[g,h,i]perylene ...	18.335	2631721	22.142 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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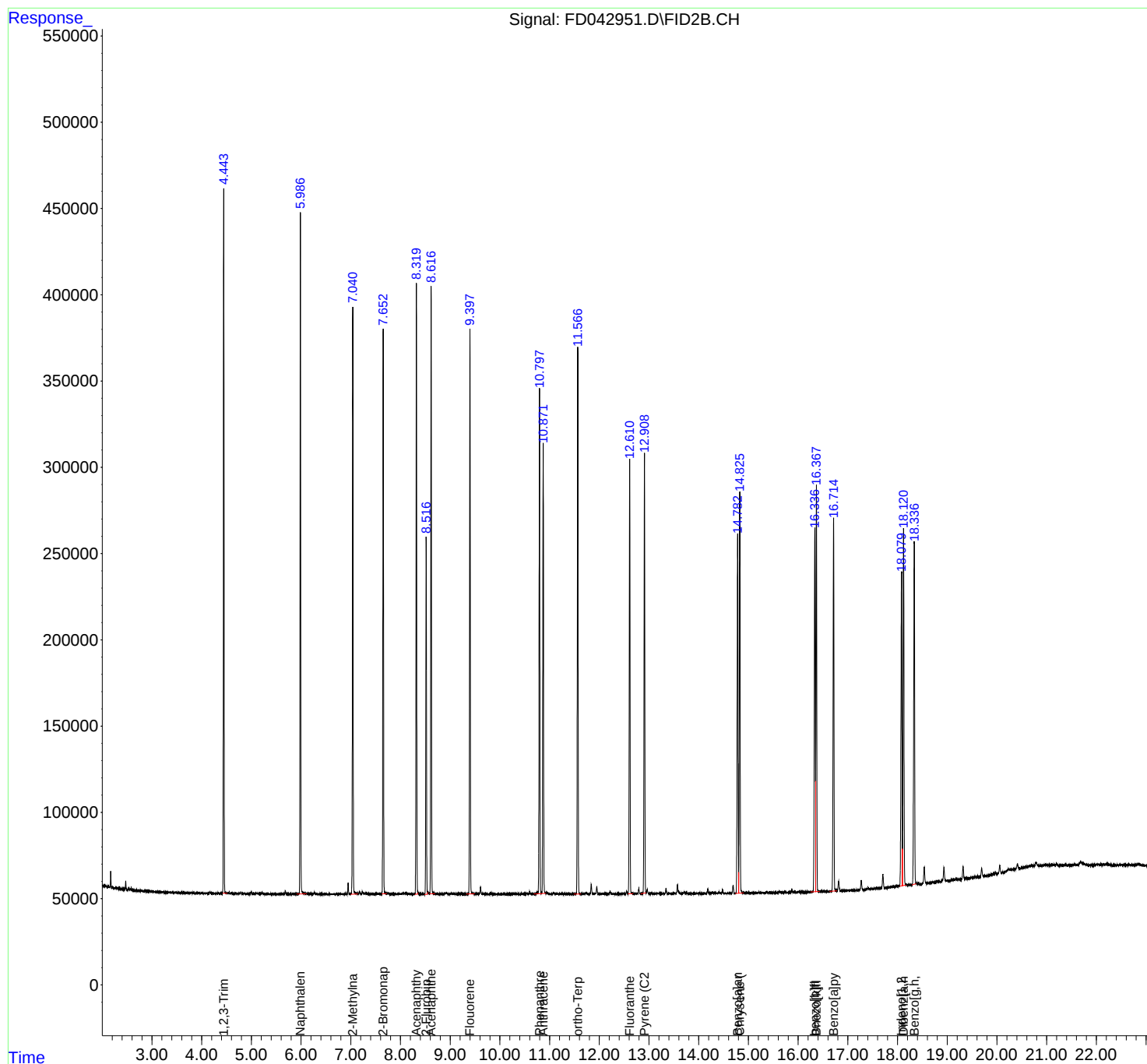
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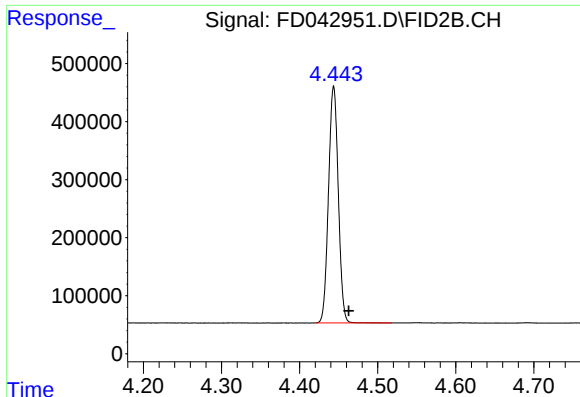
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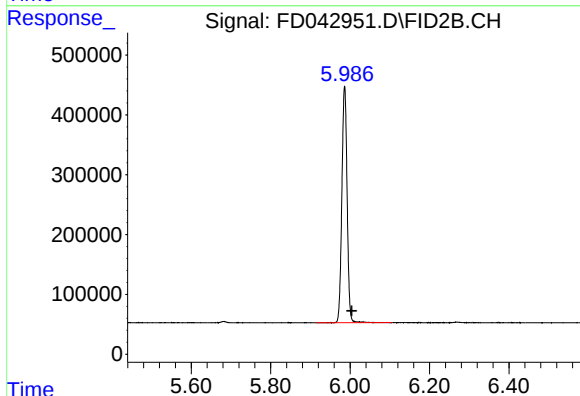
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: -0.019 min
Response: 3546678
Conc: 21.18 ug/ml

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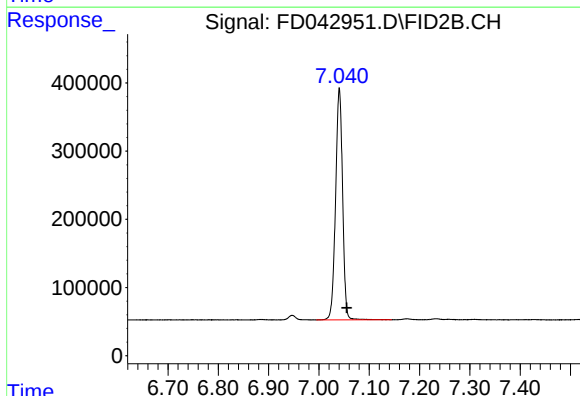
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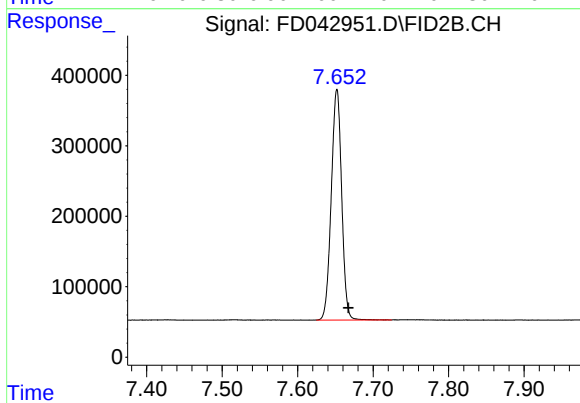
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.018 min
Response: 3619805
Conc: 20.94 ug/ml



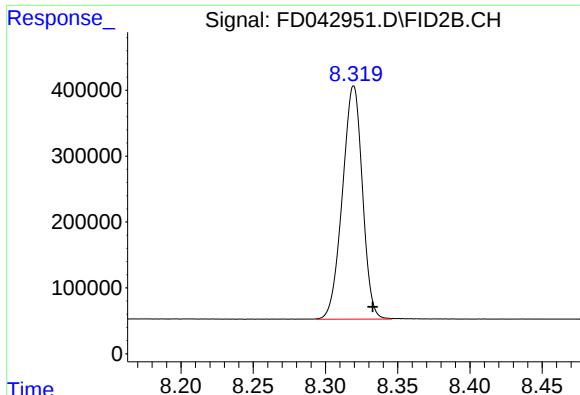
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.015 min
Response: 3285677
Conc: 20.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.652 min
Delta R.T.: -0.015 min
Response: 3132634
Conc: 20.50 ug/ml



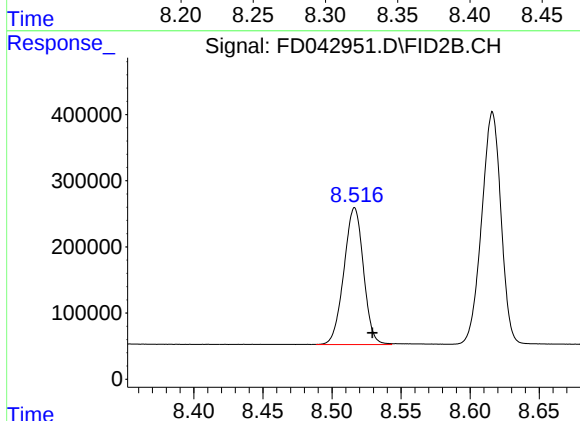
#5 Acenaphthylene (C15.06)

R.T.: 8.319 min
Delta R.T.: -0.014 min
Response: 3401840
Conc: 19.69 ug/ml

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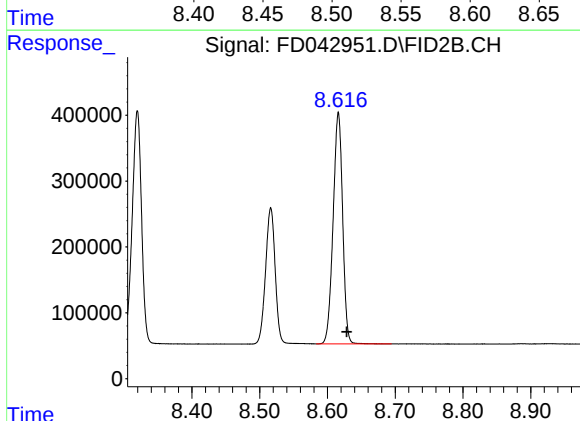
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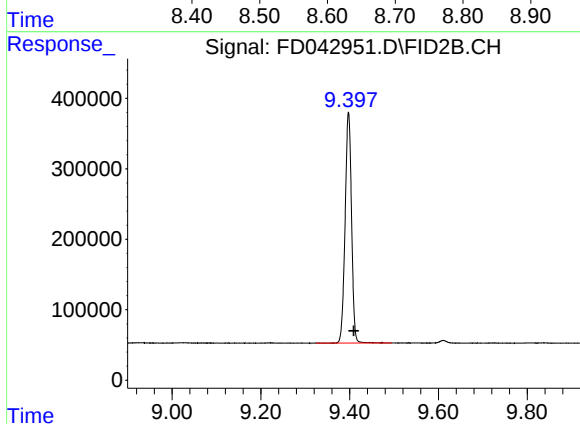
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.516 min
Delta R.T.: -0.013 min
Response: 2039320
Conc: 19.83 ug/ml m



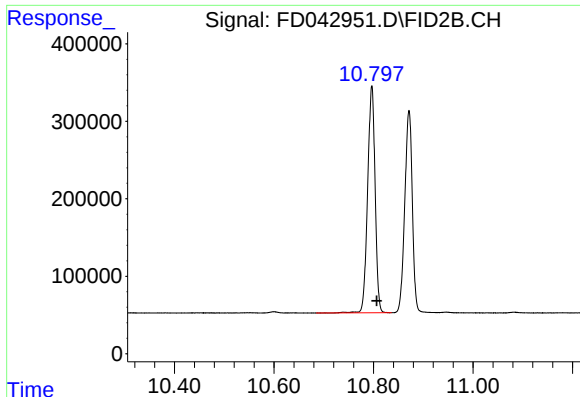
#7 Acenaphthene (C15.5)

R.T.: 8.616 min
Delta R.T.: -0.013 min
Response: 3423685
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.398 min
Delta R.T.: -0.012 min
Response: 3285563
Conc: 19.57 ug/ml



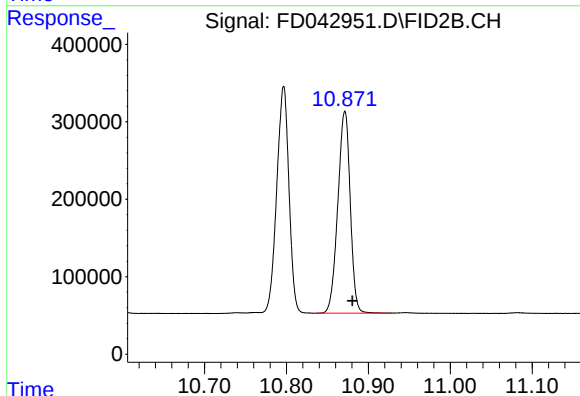
#9 Phenanthrene (C19.36)

R.T.: 10.796 min
Delta R.T.: -0.010 min
Response: 3054733
Conc: 18.58 ug/ml

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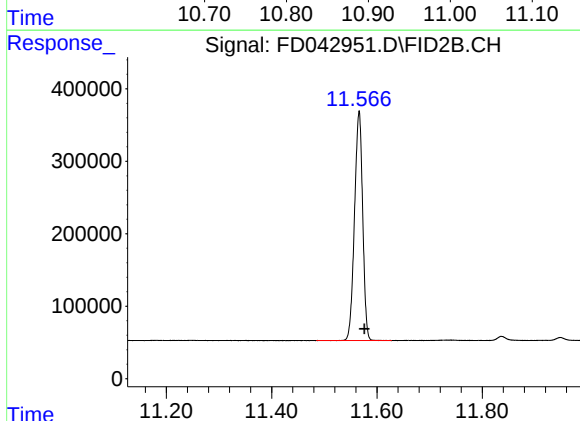
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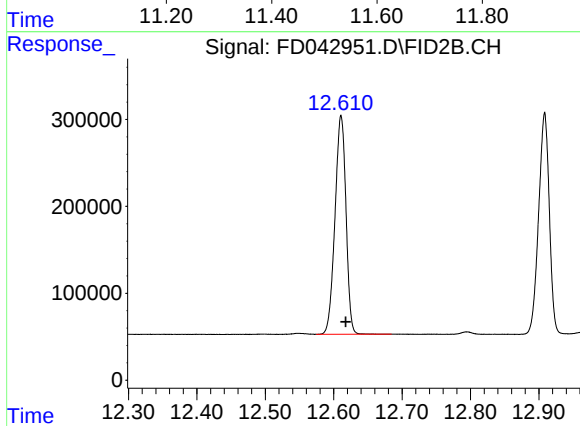
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: -0.009 min
Response: 2747521
Conc: 17.98 ug/ml



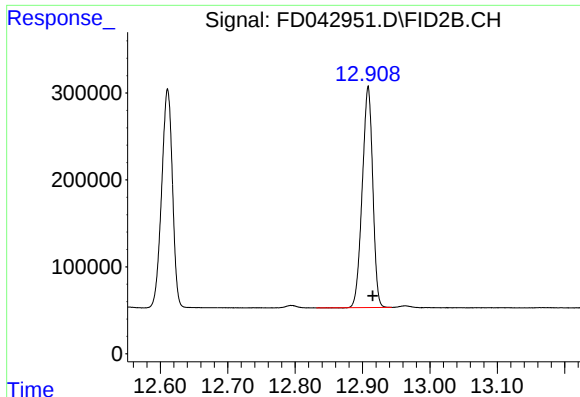
#11 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.010 min
Response: 3398853
Conc: 19.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.611 min
Delta R.T.: -0.007 min
Response: 2807061
Conc: 17.82 ug/ml



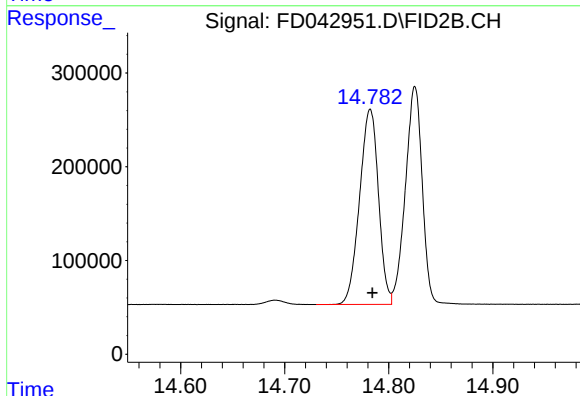
#13 Pyrene (C20.8)

R.T.: 12.908 min
Delta R.T.: -0.007 min
Response: 2752343
Conc: 17.68 ug/ml

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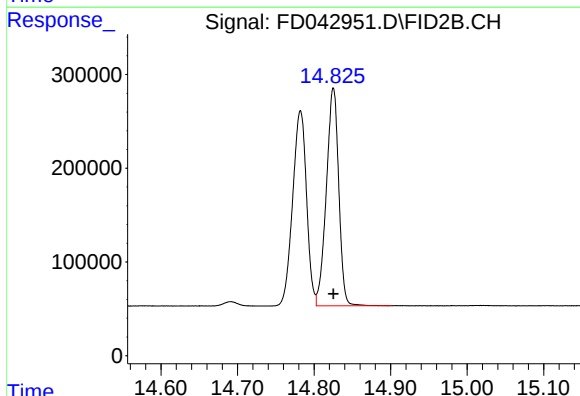
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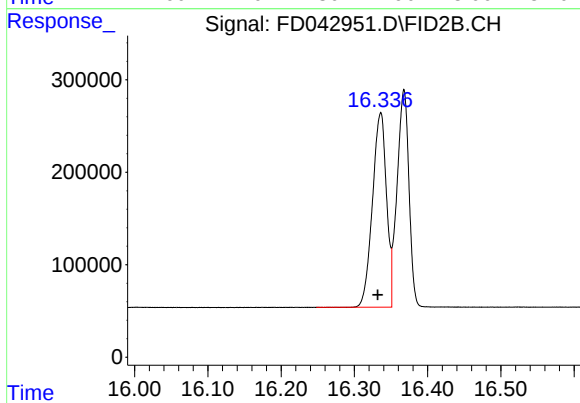
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: -0.002 min
Response: 2625254
Conc: 19.69 ug/ml



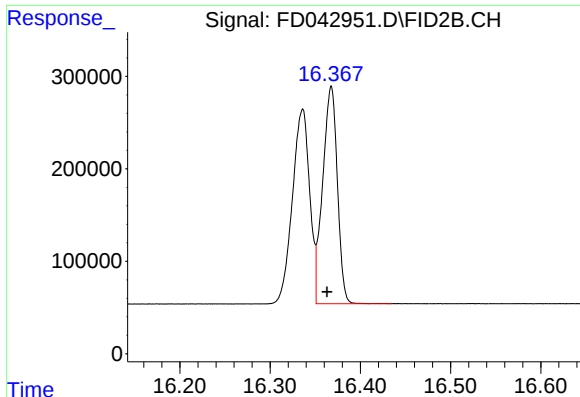
#15 Chrysene (C27.41)

R.T.: 14.825 min
Delta R.T.: 0.000 min
Response: 2619517
Conc: 19.83 ug/ml



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

R.T.: 16.336 min
Delta R.T.: 0.004 min
Response: 2798300
Conc: 21.01 ug/ml



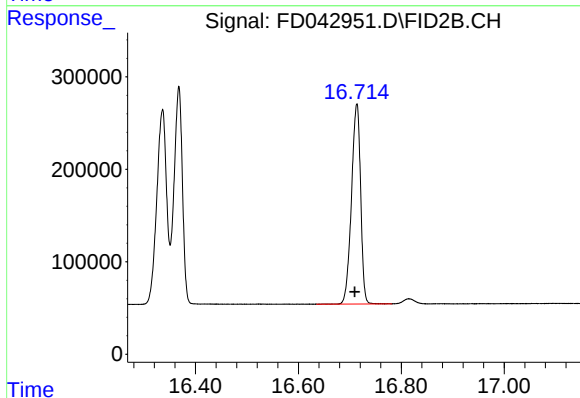
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.367 min
Delta R.T.: 0.004 min
Response: 2654193
Conc: 21.43 ug/ml

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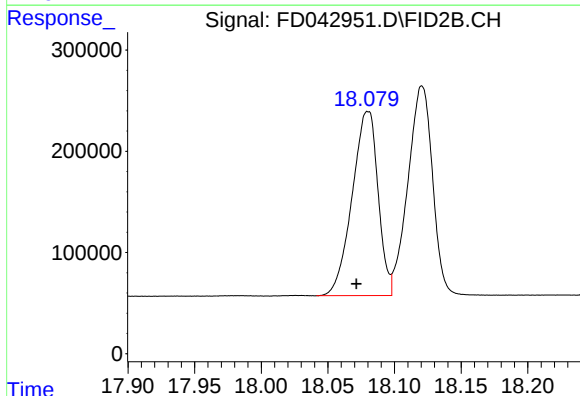
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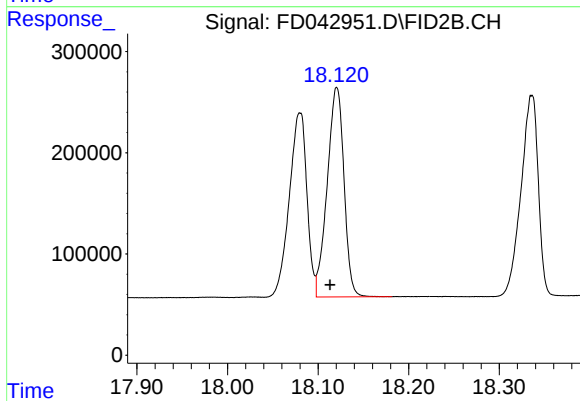
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.713 min
Delta R.T.: 0.004 min
Response: 2660872
Conc: 21.50 ug/ml



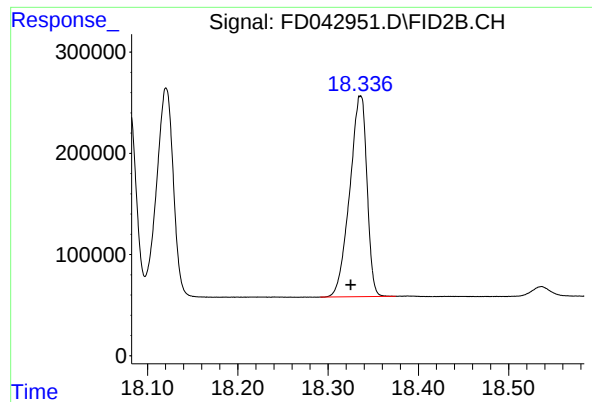
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.080 min
Delta R.T.: 0.008 min
Response: 2464300
Conc: 22.11 ug/ml



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

R.T.: 18.121 min
Delta R.T.: 0.007 min
Response: 2661020
Conc: 23.92 ug/ml



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

R.T.: 18.335 min
Delta R.T.: 0.010 min
Response: 2631721
Conc: 22.14 ug/ml

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