

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061822AR\
 Data File : FD042965.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2022 3:26
 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 02:47:59 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...	7.665	3138598	20.539 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
6) S 2-Fluorobiphenyl (SURR)	8.533	2047243	19.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.81%
11) S ortho-Terphenyl (SURR)	11.580	3346833	18.853 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.452	3587509	21.427 ug/ml
2) T Naphthalene (C11.7)	5.998	3628854	20.989 ug/ml
3) T 2-Methylnaphthalene (...)	7.054	3292284	20.645 ug/ml
5) T Acenaphthylene (C15.06)	8.335	3405622	19.712 ug/ml
7) T Acenaphthene (C15.5)	8.632	3403483	19.780 ug/ml
8) T Flouorene (C16.55)	9.415	3297632	19.642 ug/ml
9) T Phenanthrene (C19.36)	10.817	3074780	18.698 ug/ml
10) T Anthracene (C19.43)	10.892	2859081	18.706 ug/ml
12) T Fluoranthene (C21.85)	12.635	2877699	18.266 ug/ml
13) T Pyrene (C20.8)	12.934	2826550	18.155 ug/ml
14) T Benzo[a]anthracene (C...	14.812	2753305	20.650 ug/ml
15) T Chrysene (C27.41)	14.854	2743778	20.768 ug/mlm
16) T benzo[b]fluoranthene ...	16.369	2907542	21.826 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.400	2723522	21.989 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.749	2772732	22.402 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.119	2599752	23.324 ug/ml
20) T Dibenz[a,h]anthracene...	18.156	2848273	25.606 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.375	2698683	22.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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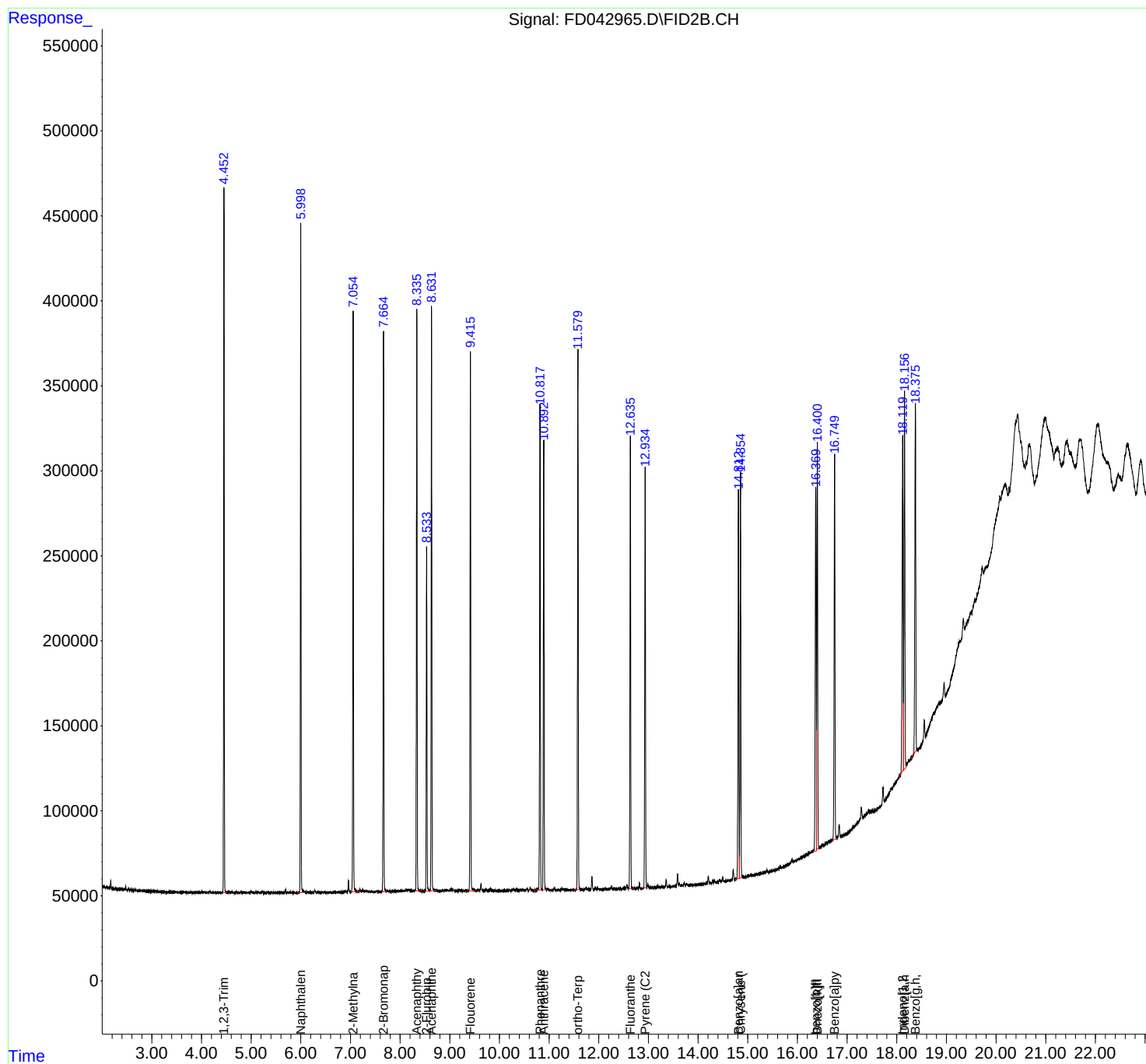
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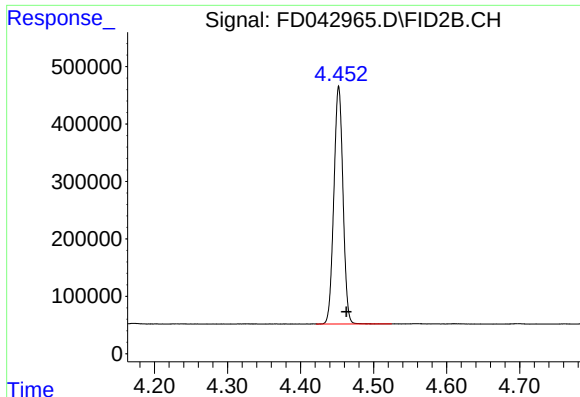
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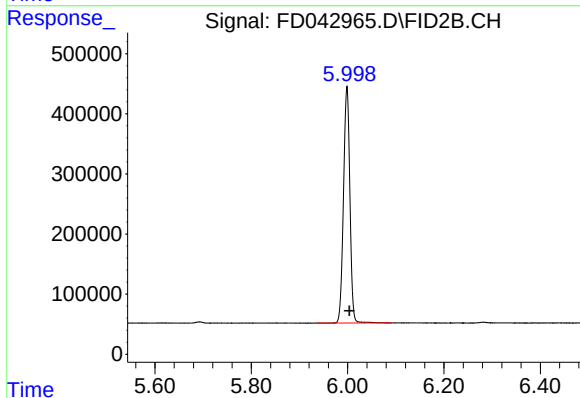
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.452 min
Delta R.T.: -0.011 min
Response: 3587509
Conc: 21.43 ug/ml

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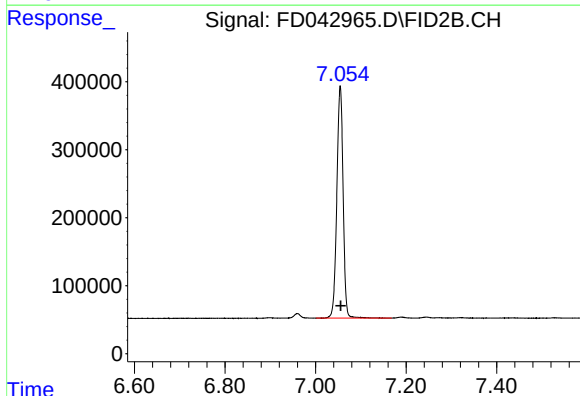
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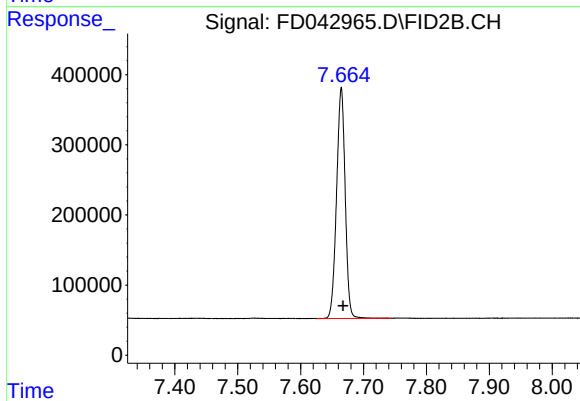
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 3628854
Conc: 20.99 ug/ml



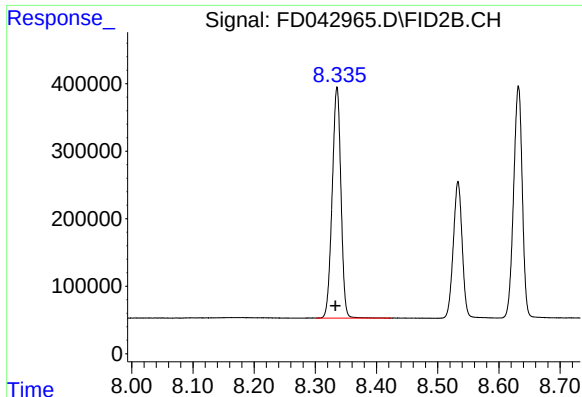
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.054 min
Delta R.T.: -0.001 min
Response: 3292284
Conc: 20.65 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 3138598
Conc: 20.54 ug/ml



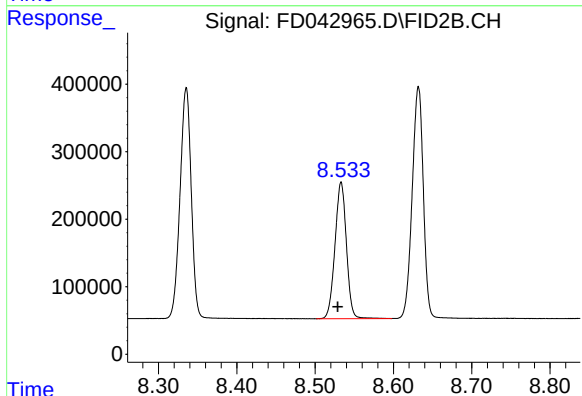
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: 0.003 min
Response: 3405622
Conc: 19.71 ug/ml

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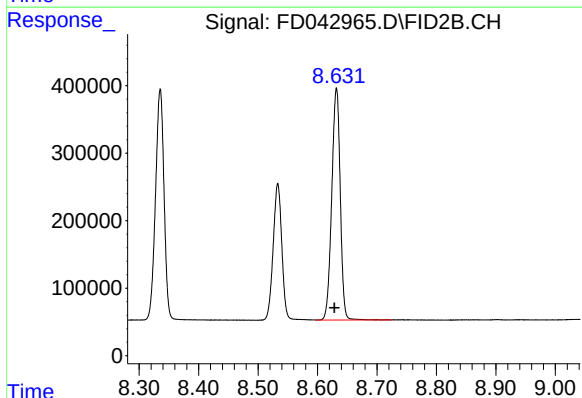
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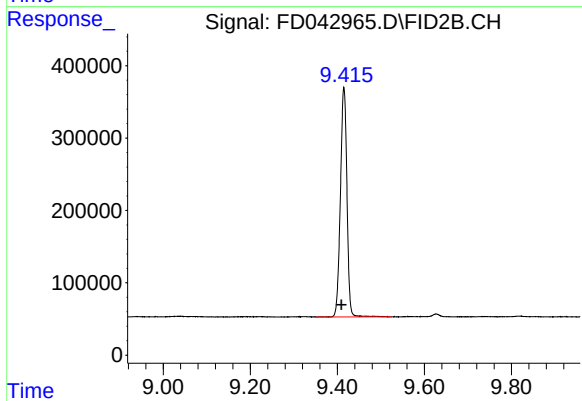
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 2047243
Conc: 19.91 ug/ml



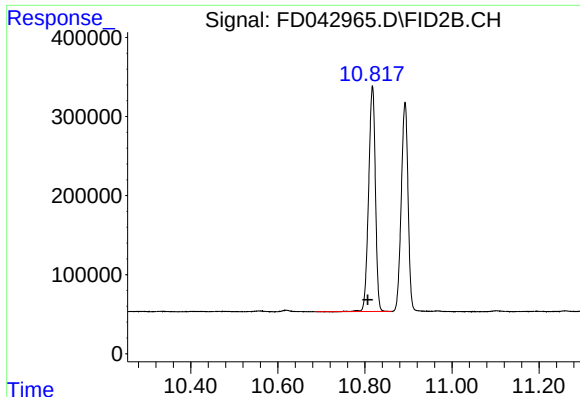
#7 Acenaphthene (C15.5)

R.T.: 8.632 min
Delta R.T.: 0.003 min
Response: 3403483
Conc: 19.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.415 min
Delta R.T.: 0.006 min
Response: 3297632
Conc: 19.64 ug/ml



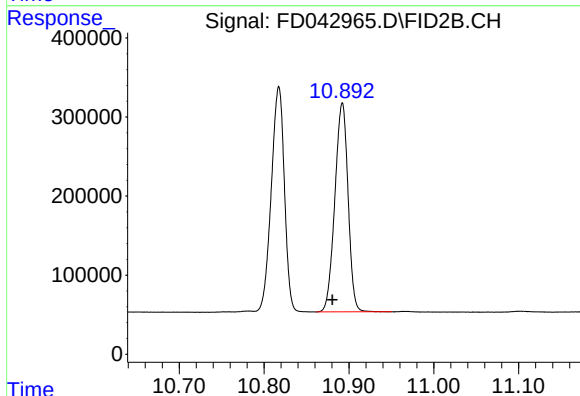
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: 0.011 min
Response: 3074780
Conc: 18.70 ug/ml

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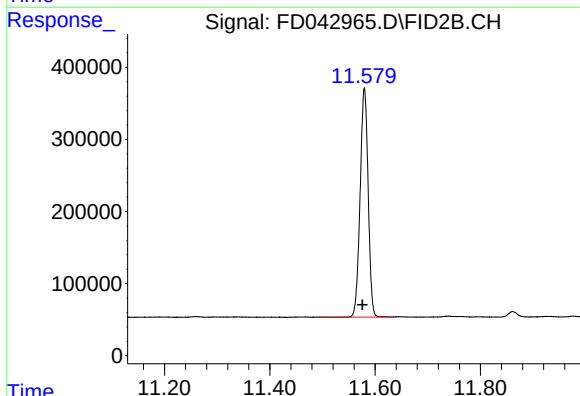
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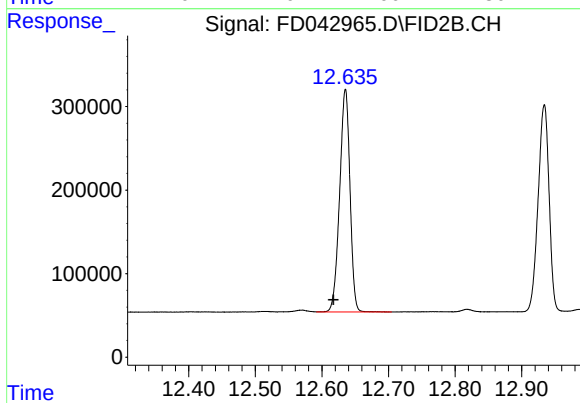
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: 0.012 min
Response: 2859081
Conc: 18.71 ug/ml



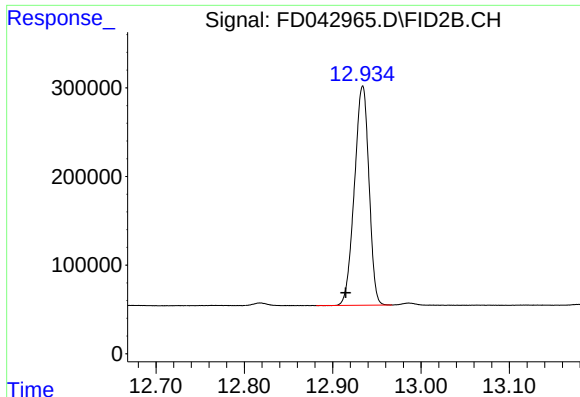
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: 0.003 min
Response: 3346833
Conc: 18.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: 0.018 min
Response: 2877699
Conc: 18.27 ug/ml



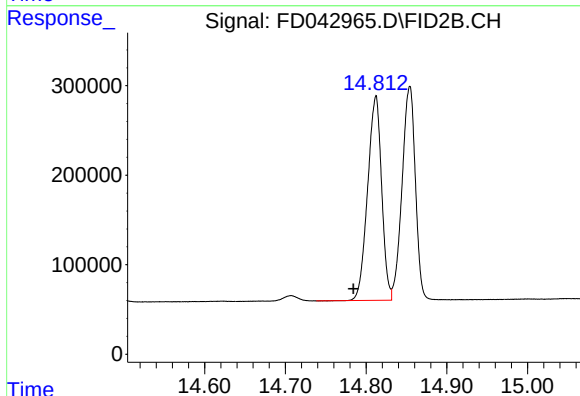
#13 Pyrene (C20.8)

R.T.: 12.934 min
Delta R.T.: 0.019 min
Response: 2826550
Conc: 18.16 ug/ml

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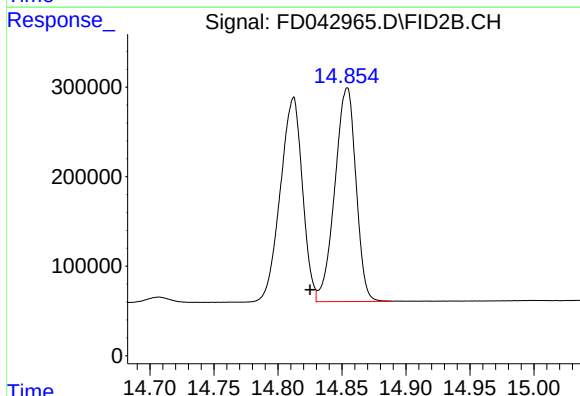
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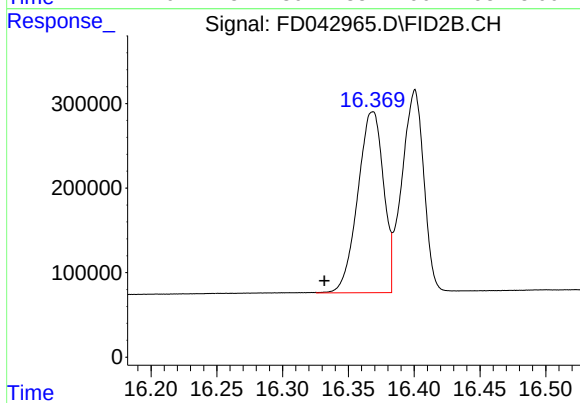
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min
Delta R.T.: 0.027 min
Response: 2753305
Conc: 20.65 ug/ml



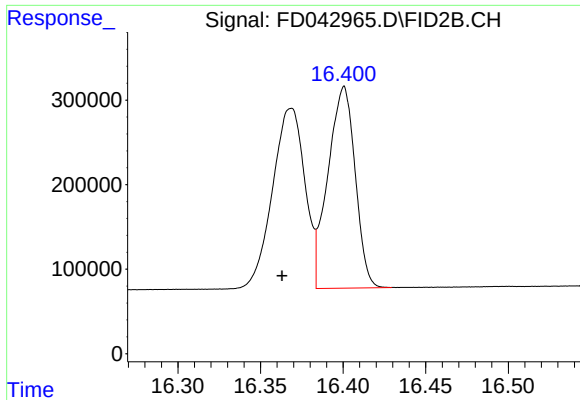
#15 Chrysene (C27.41)

R.T.: 14.854 min
Delta R.T.: 0.029 min
Response: 2743778
Conc: 20.77 ug/ml m



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

R.T.: 16.369 min
Delta R.T.: 0.037 min
Response: 2907542
Conc: 21.83 ug/ml m



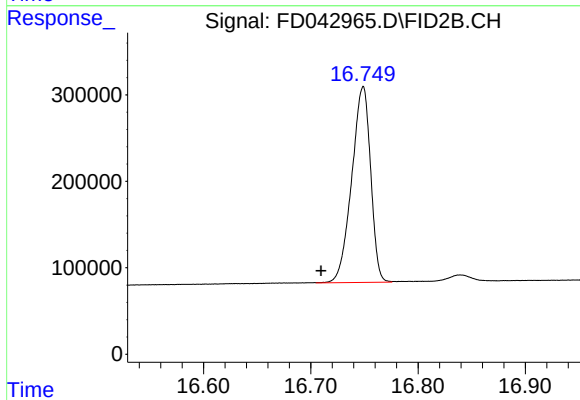
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.400 min
Delta R.T.: 0.037 min
Response: 2723522
Conc: 21.99 ug/ml

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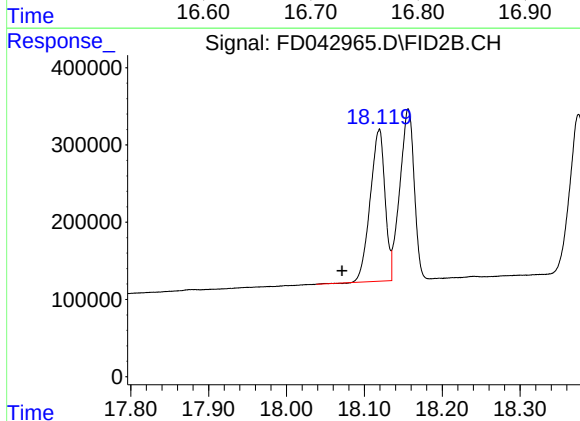
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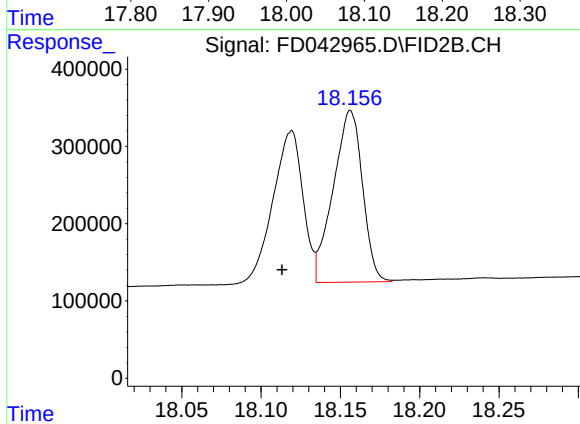
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min
Delta R.T.: 0.039 min
Response: 2772732
Conc: 22.40 ug/ml m



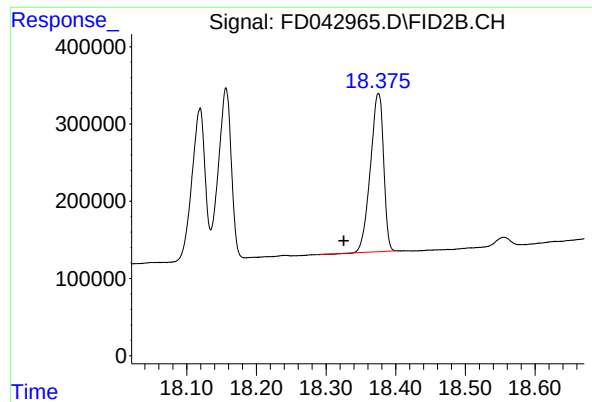
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.047 min
Response: 2599752
Conc: 23.32 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.043 min
Response: 2848273
Conc: 25.61 ug/ml m



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

R.T.: 18.375 min
Delta R.T.: 0.050 min
Response: 2698683
Conc: 22.71 ug/ml

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