

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043009.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2022 11:49
 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 06/24/2022
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e
 Quant Time: Jun 24 02:17:50 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...	7.648	2895273	18.947 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
6) S 2-Fluorobiphenyl (SURR)	8.514	1880989	18.289 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.58%
11) S ortho-Terphenyl (SURR)	11.562	3148299	17.735 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.439	3371718	20.138 ug/mlm
2) T Naphthalene (C11.7)	5.983	3399002	19.659 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	3065171	19.221 ug/ml
5) T Acenaphthylene (C15.06)	8.317	3175697	18.381 ug/mlm
7) T Acenaphthene (C15.5)	8.613	3113056	18.092 ug/ml
8) T Flouorene (C16.55)	9.396	3069323	18.283 ug/ml
9) T Phenanthrene (C19.36)	10.796	2883025	17.532 ug/ml
10) T Anthracene (C19.43)	10.871	2823227	18.472 ug/ml
12) T Fluoranthene (C21.85)	12.612	2754022	17.481 ug/ml
13) T Pyrene (C20.8)	12.910	2691818	17.290 ug/ml
14) T Benzo[a]anthracene (C...	14.787	2709371	20.320 ug/ml
15) T Chrysene (C27.41)	14.828	2704238	20.468 ug/ml
16) T benzo[b]fluoranthene ...	16.340	2857864	21.453 ug/ml
17) T Bnezo[k]fluoranthene ...	16.372	2705884	21.847 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.719	2734411	22.093 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.087	2513845	22.553 ug/ml
20) T Dibenz[a,h]anthracene...	18.126	2689071	24.175 ug/ml
21) T Benzo[g,h,i]perylene ...	18.343	2643467	22.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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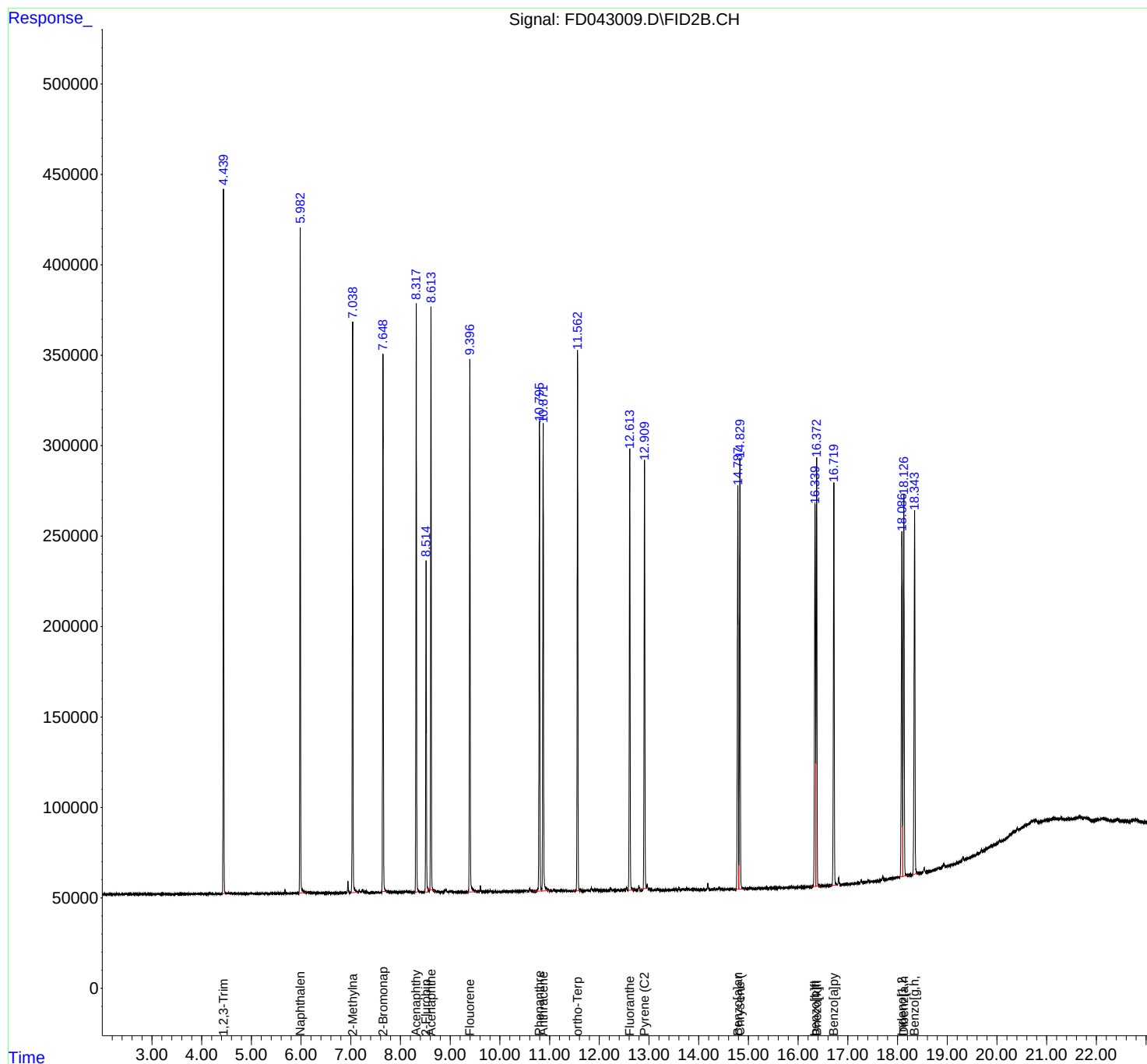
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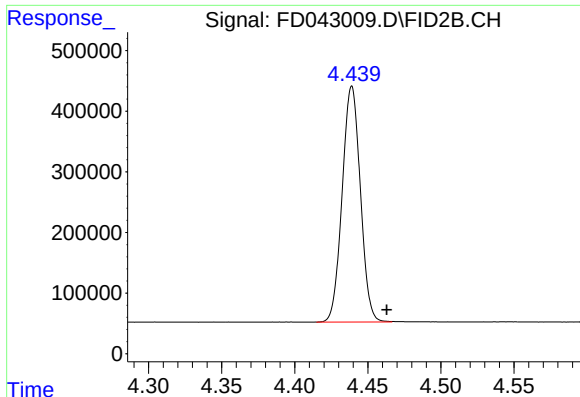
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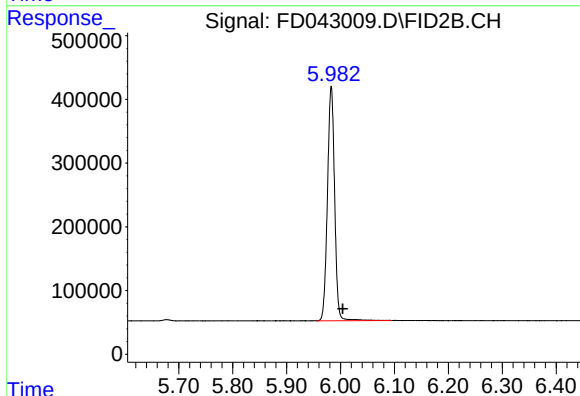
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.439 min
Delta R.T.: -0.024 min
Response: 3371718
Conc: 20.14 ug/ml

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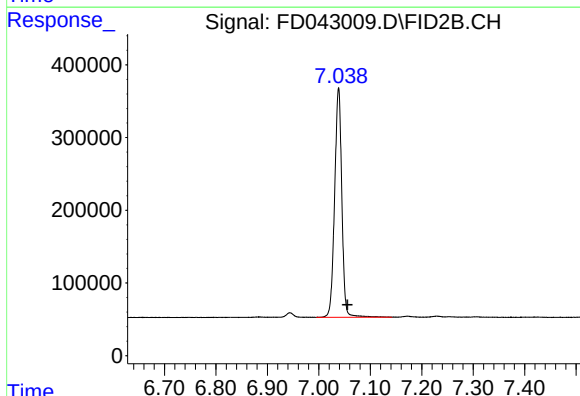
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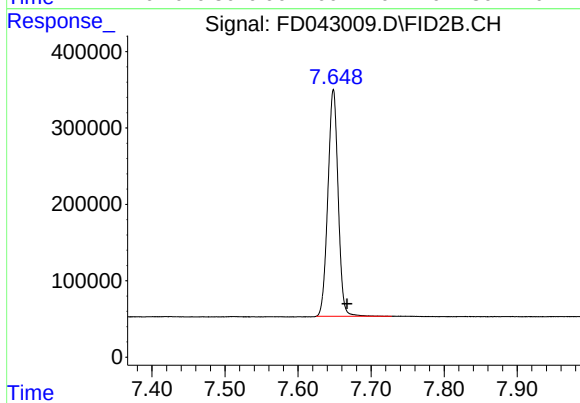
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.021 min
Response: 3399002
Conc: 19.66 ug/ml



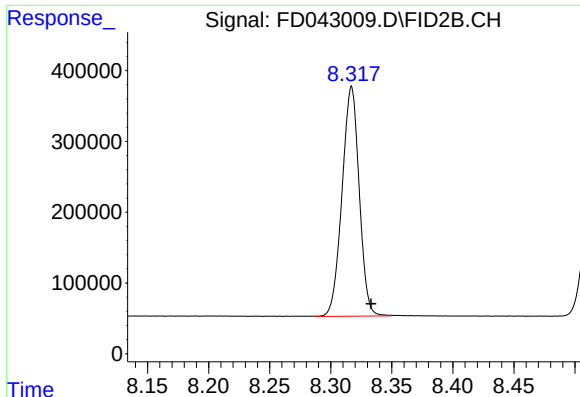
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.017 min
Response: 3065171
Conc: 19.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: -0.019 min
Response: 2895273
Conc: 18.95 ug/ml



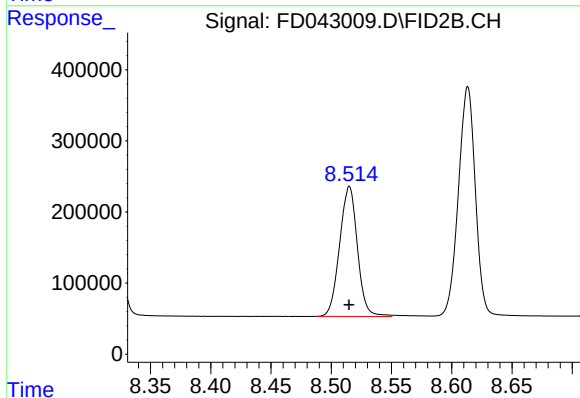
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min
Delta R.T.: -0.016 min
Response: 3175697
Conc: 18.38 ug/ml

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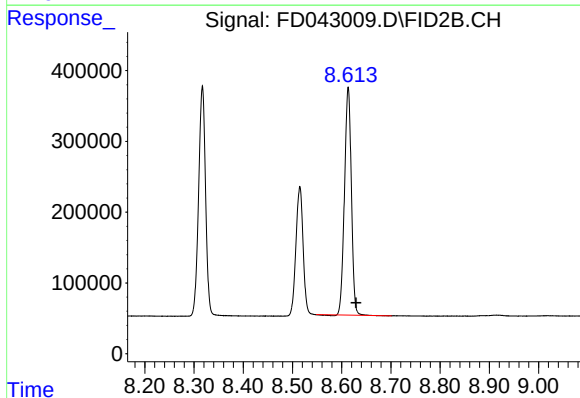
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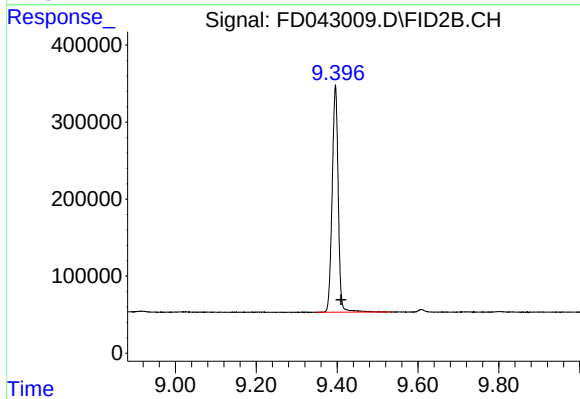
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 1880989
Conc: 18.29 ug/ml m



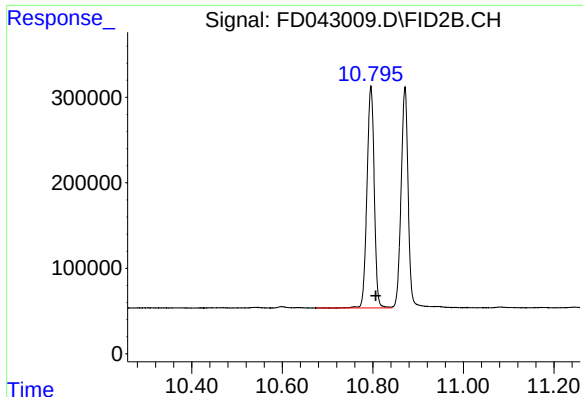
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: -0.016 min
Response: 3113056
Conc: 18.09 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.396 min
Delta R.T.: -0.014 min
Response: 3069323
Conc: 18.28 ug/ml



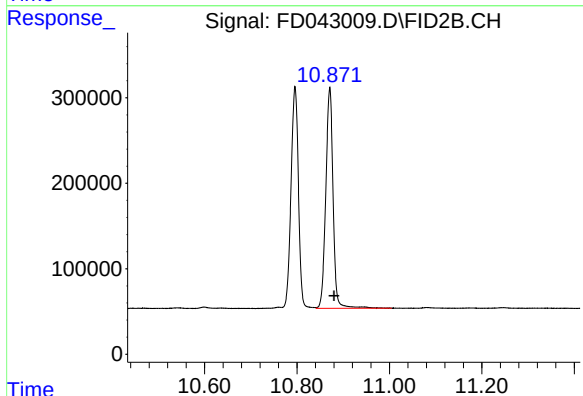
#9 Phenanthrene (C19.36)

R.T.: 10.796 min
Delta R.T.: -0.011 min
Response: 2883025
Conc: 17.53 ug/ml

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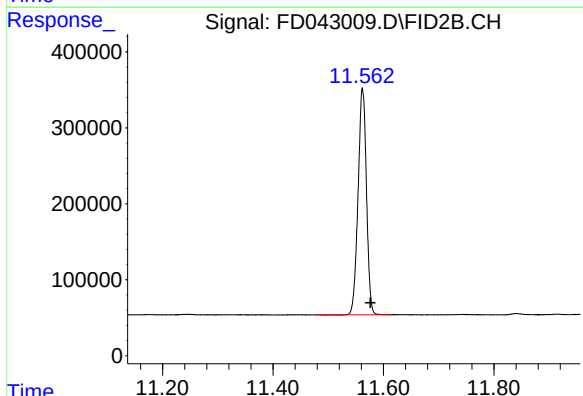
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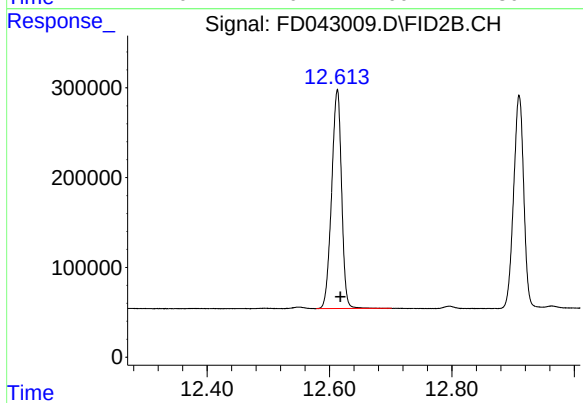
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: -0.010 min
Response: 2823227
Conc: 18.47 ug/ml



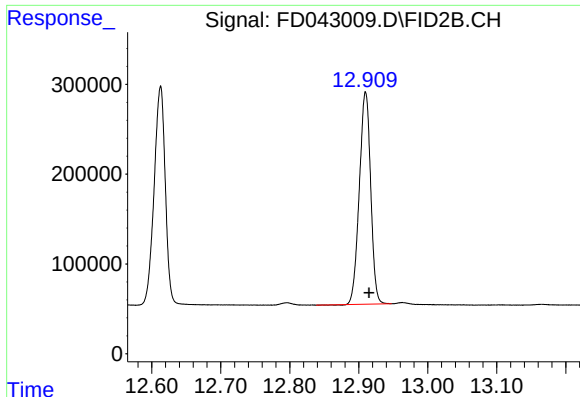
#11 ortho-Terphenyl (SURR)

R.T.: 11.562 min
Delta R.T.: -0.014 min
Response: 3148299
Conc: 17.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.612 min
Delta R.T.: -0.005 min
Response: 2754022
Conc: 17.48 ug/ml



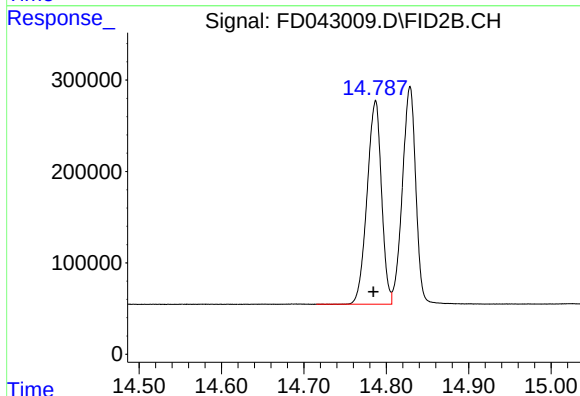
#13 Pyrene (C20.8)

R.T.: 12.910 min
Delta R.T.: -0.005 min
Response: 2691818
Conc: 17.29 ug/ml

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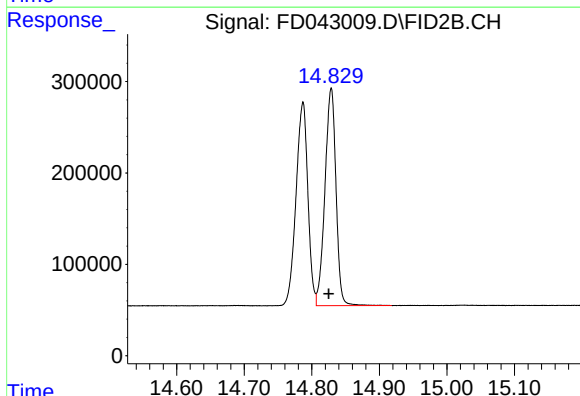
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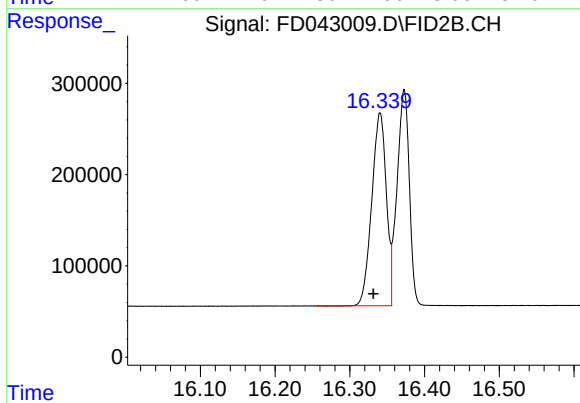
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.002 min
Response: 2709371
Conc: 20.32 ug/ml



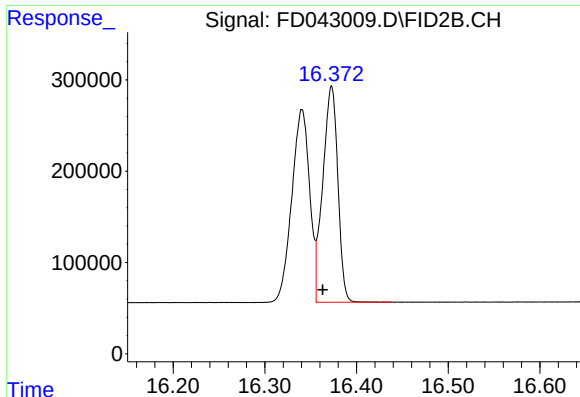
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: 0.003 min
Response: 2704238
Conc: 20.47 ug/ml



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

R.T.: 16.340 min
Delta R.T.: 0.009 min
Response: 2857864
Conc: 21.45 ug/ml



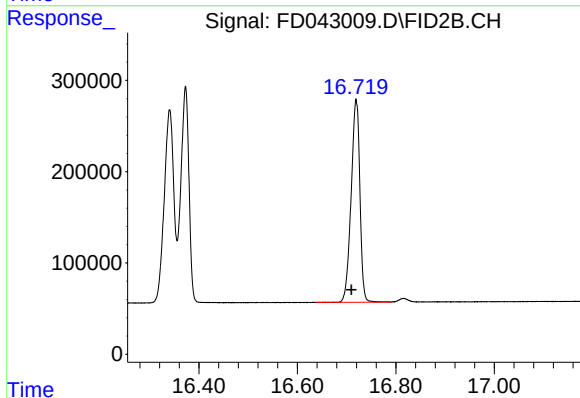
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.372 min
Delta R.T.: 0.009 min
Response: 2705884
Conc: 21.85 ug/ml

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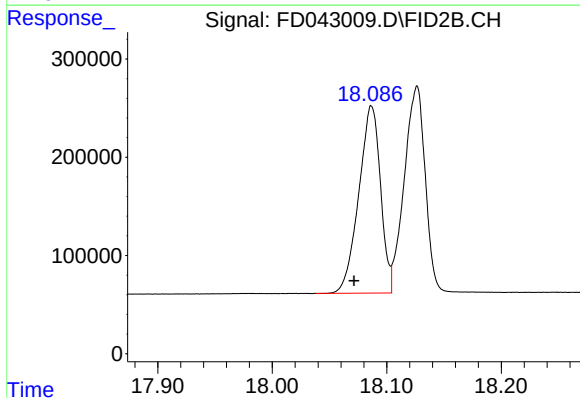
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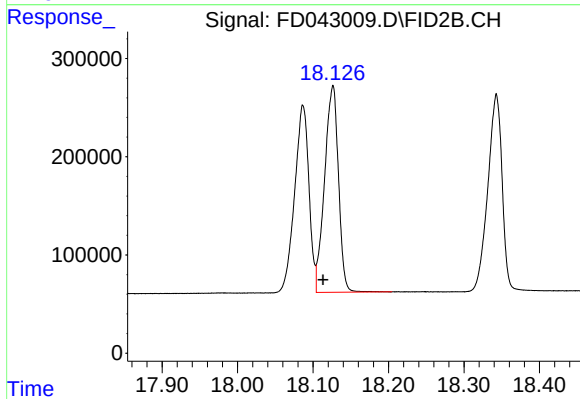
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.719 min
Delta R.T.: 0.010 min
Response: 2734411
Conc: 22.09 ug/ml



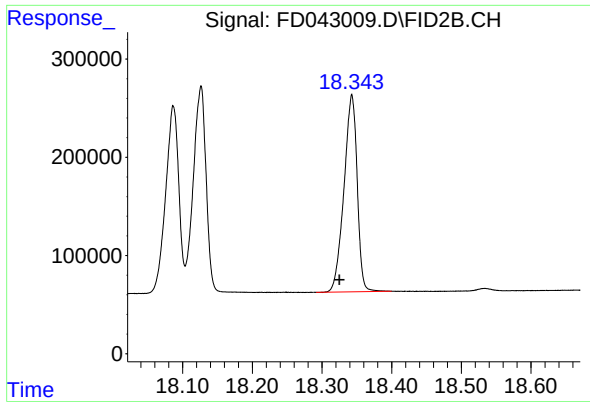
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.087 min
Delta R.T.: 0.015 min
Response: 2513845
Conc: 22.55 ug/ml



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

R.T.: 18.126 min
Delta R.T.: 0.012 min
Response: 2689071
Conc: 24.17 ug/ml



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

R.T.: 18.343 min
Delta R.T.: 0.017 min
Response: 2643467
Conc: 22.24 ug/ml

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