

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122619AR\
 Data File : FD031905.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2019 00:06
 Operator : DD\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

mohammad
 12/27/2019 9:48:18 AM

Integration File: autoint1.e
 Quant Time: Dec 27 01:39:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 2019
 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...	7.636	2617010	21.158 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.498	1785426	20.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.86%
11) S ortho-Terphenyl (SURR)	11.534	2735727	20.677 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.441	2779878	21.997 ug/ml
2) T Naphthalene (C11.7)	5.978	2902796	21.527 ug/ml
3) T 2-Methylnaphthalene (...)	7.028	2858250	21.238 ug/ml
5) T Acenaphthylene (C15.06)	8.301	2686459	20.610 ug/ml
7) T Acenaphthene (C15.5)	8.597	2835494	20.982 ug/ml
8) T Flouorene (C16.55)	9.376	2801515	20.828 ug/ml
9) T Phenanthrene (C19.36)	10.770	2753209	20.413 ug/ml
10) T Anthracene (C19.43)	10.844	2337868	17.526 ug/ml
12) T Fluoranthene (C21.85)	12.578	2728712	20.168 ug/ml
13) T Pyrene (C20.8)	12.875	2688585	20.059 ug/ml
14) T Benzo[a]anthracene (C...	14.742	2510523	19.706 ug/mlm
15) T Chrysene (C27.41)	14.785	2548668	19.976 ug/ml
16) T benzo[b]fluoranthene ...	16.290	2533736	20.567 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.322	2483596	20.429 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	2445629	20.404 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.030	2465397	21.445 ug/mlm
20) T Dibenz[a,h]anthracene...	18.069	2512965	22.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.285	2442268	21.553 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

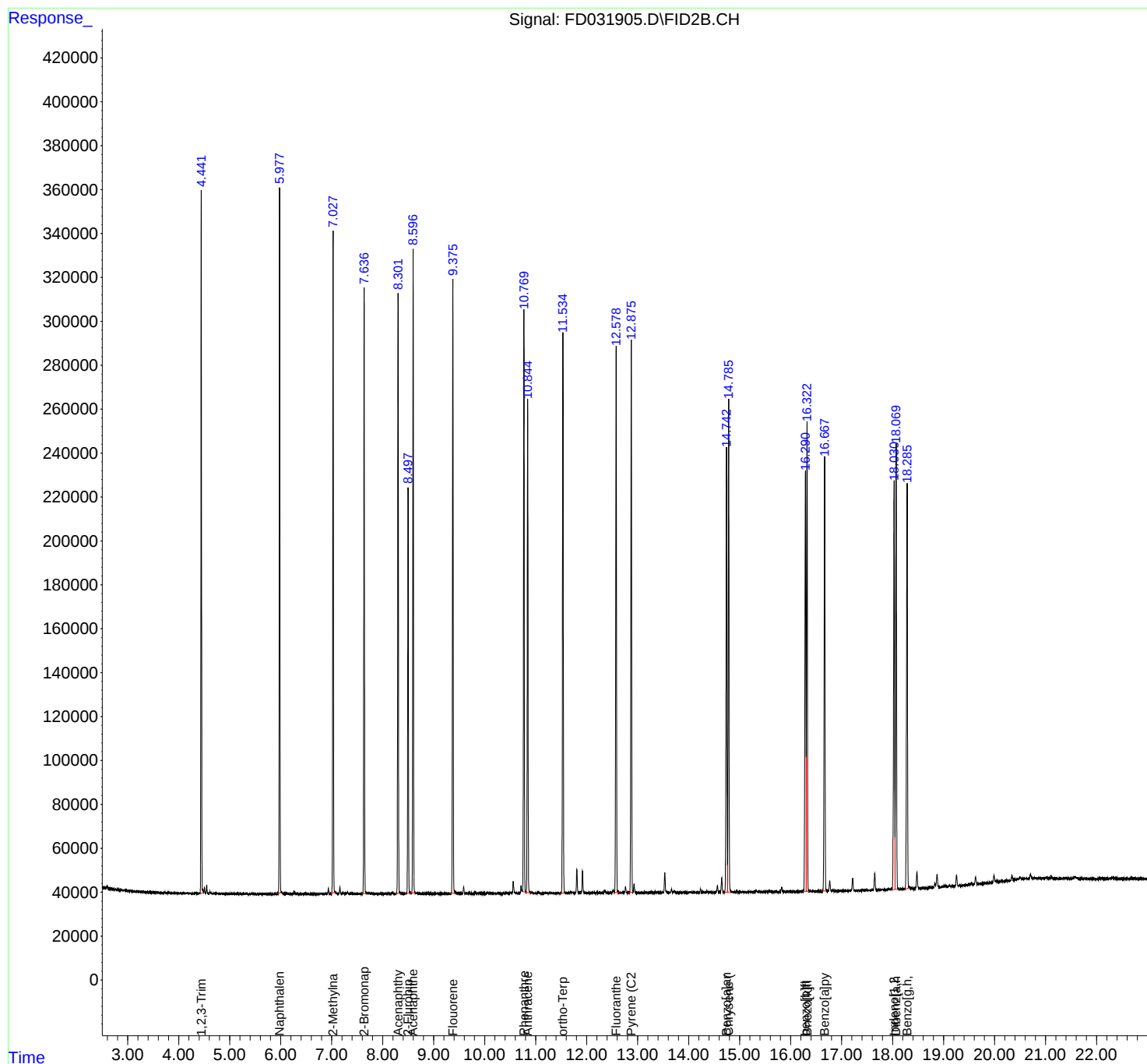
Instrument :
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20 PPM AROMATIC HC STD

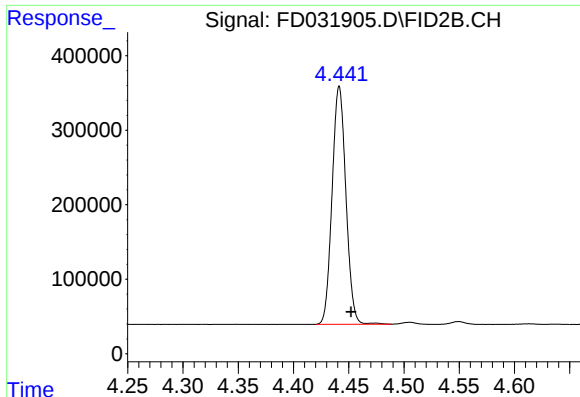
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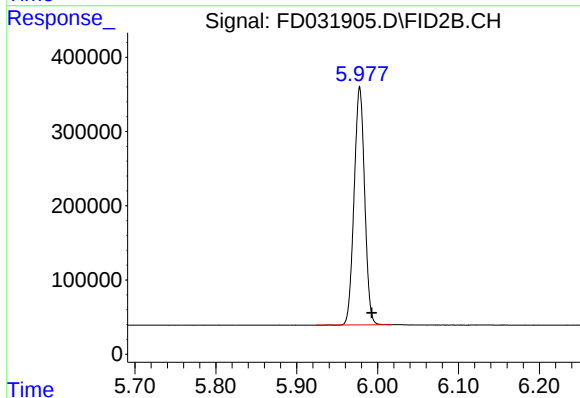
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.441 min
Delta R.T.: -0.011 min
Response: 2779878
Conc: 22.00 ug/ml

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20 PPM AROMATIC HC STD

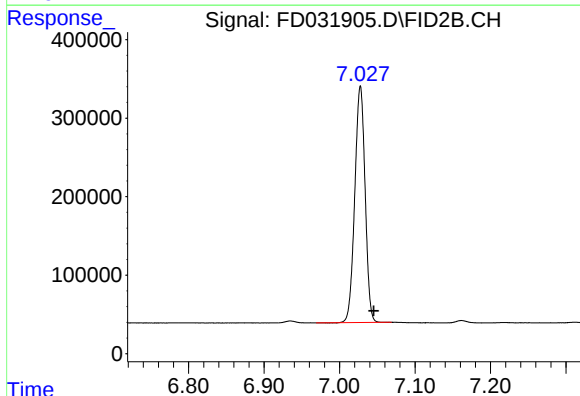
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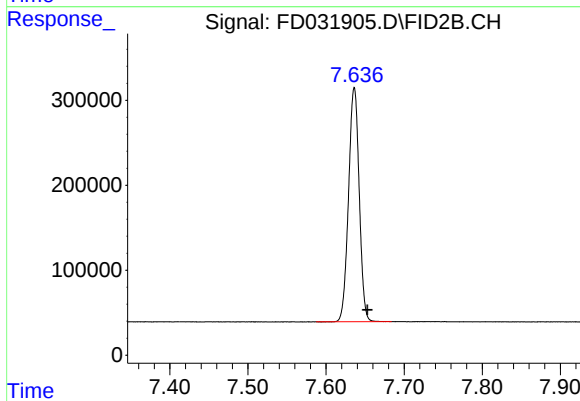
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.015 min
Response: 2902796
Conc: 21.53 ug/ml



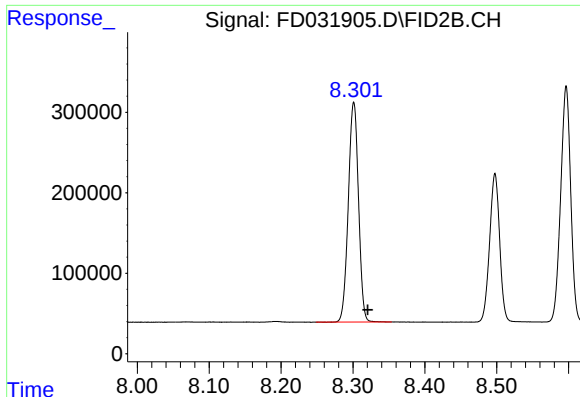
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.028 min
Delta R.T.: -0.018 min
Response: 2858250
Conc: 21.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: -0.017 min
Response: 2617010
Conc: 21.16 ug/ml



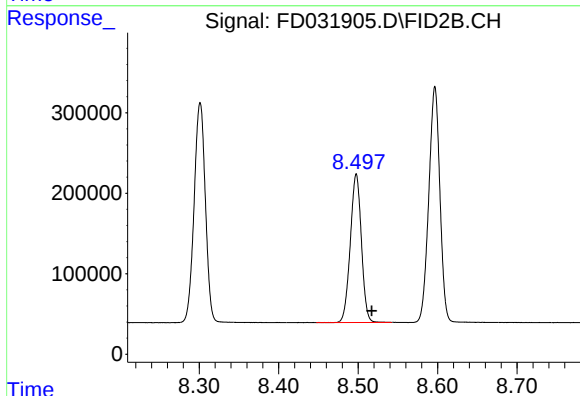
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: -0.019 min
Response: 2686459
Conc: 20.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

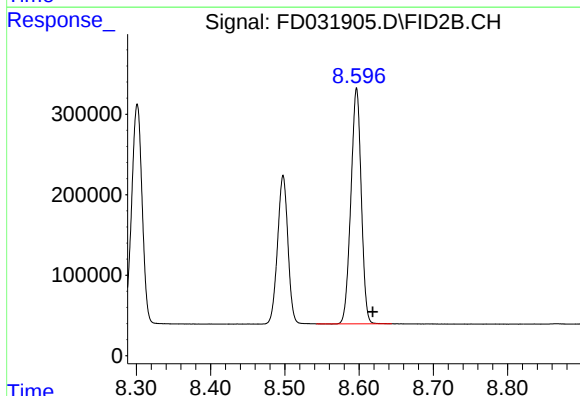
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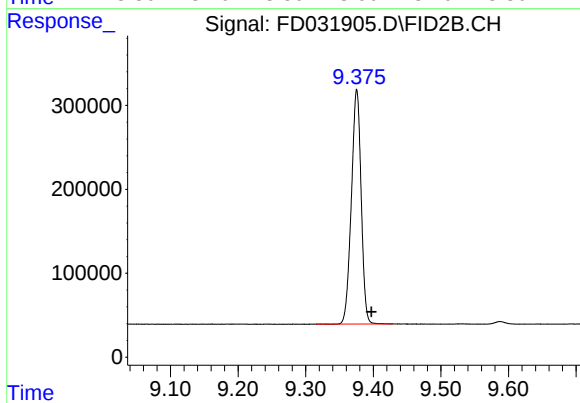
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: -0.019 min
Response: 1785426
Conc: 20.93 ug/ml



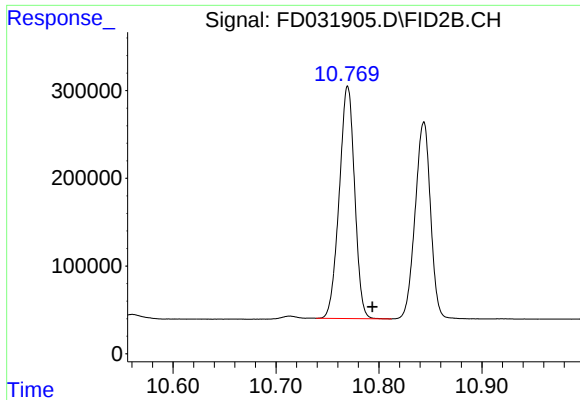
#7 Acenaphthene (C15.5)

R.T.: 8.597 min
Delta R.T.: -0.022 min
Response: 2835494
Conc: 20.98 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.021 min
Response: 2801515
Conc: 20.83 ug/ml



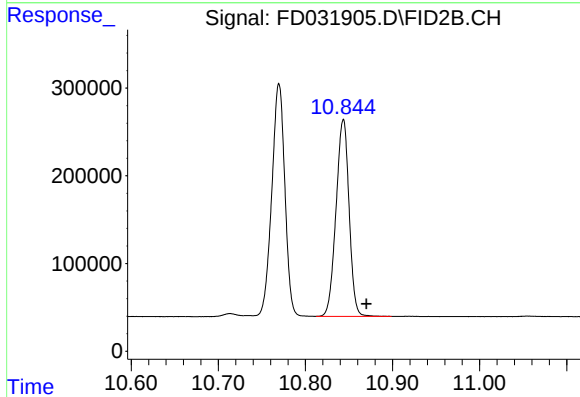
#9 Phenanthrene (C19.36)

R.T.: 10.770 min
Delta R.T.: -0.024 min
Response: 2753209
Conc: 20.41 ug/ml

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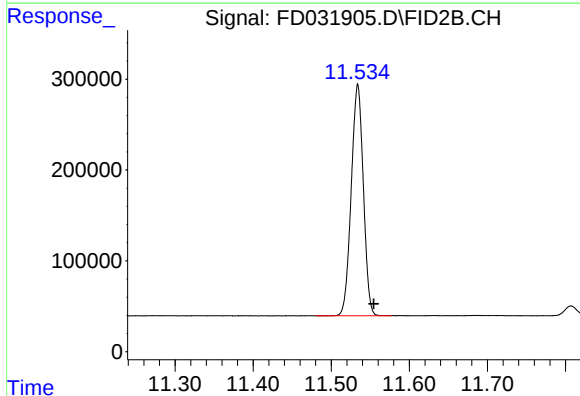
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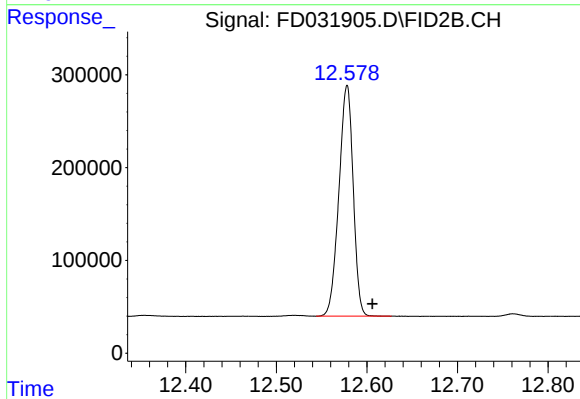
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.026 min
Response: 2337868
Conc: 17.53 ug/ml



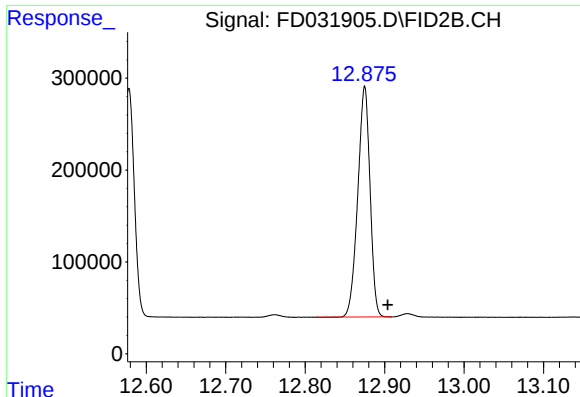
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.020 min
Response: 2735727
Conc: 20.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: -0.028 min
Response: 2728712
Conc: 20.17 ug/ml



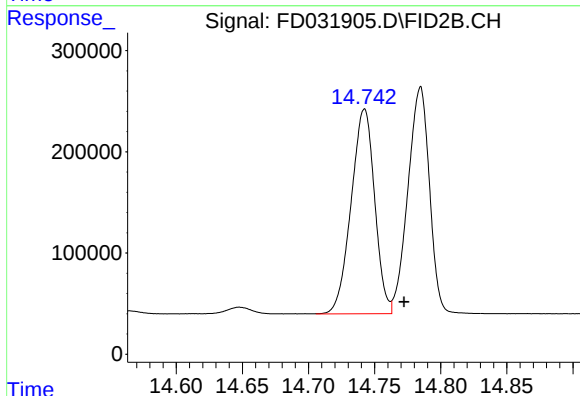
#13 Pyrene (C20.8)

R.T.: 12.875 min
Delta R.T.: -0.029 min
Response: 2688585
Conc: 20.06 ug/ml

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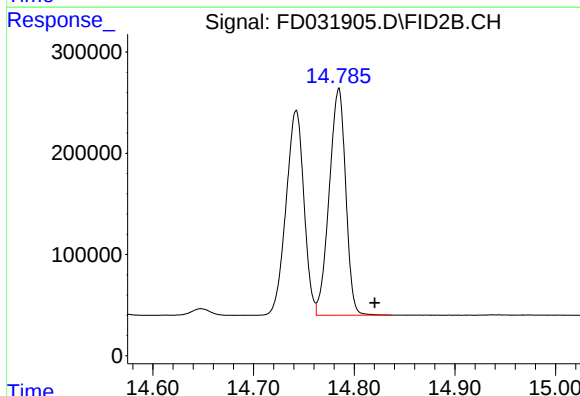
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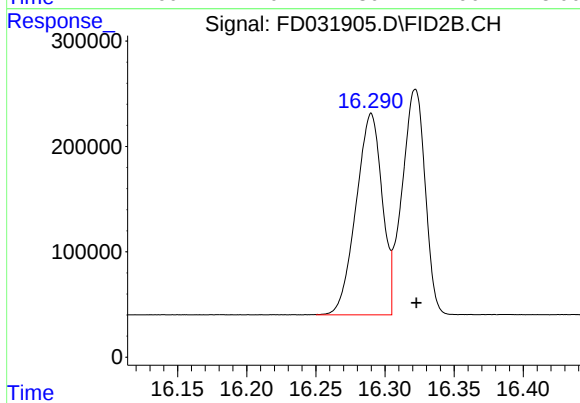
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: -0.030 min
Response: 2510523
Conc: 19.71 ug/ml m



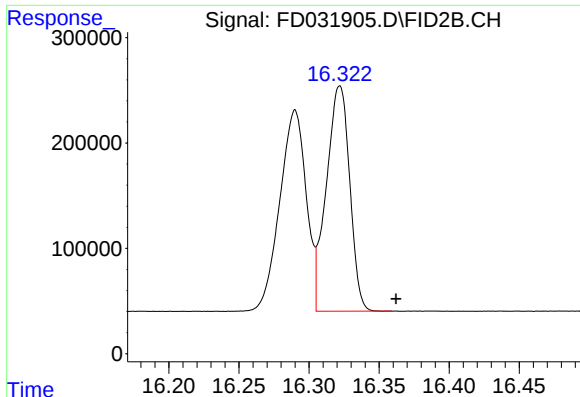
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: -0.036 min
Response: 2548668
Conc: 19.98 ug/ml



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

R.T.: 16.290 min
Delta R.T.: -0.033 min
Response: 2533736
Conc: 20.57 ug/ml m



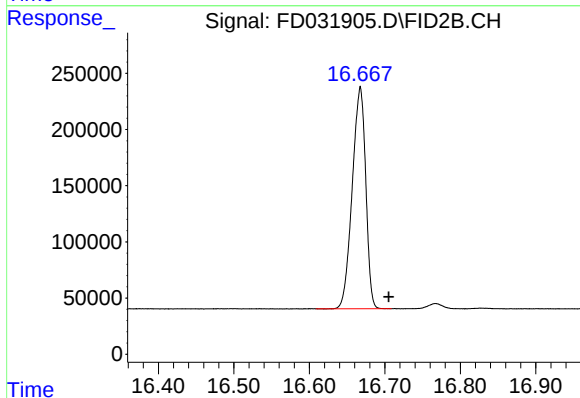
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.322 min
Delta R.T.: -0.040 min
Response: 2483596
Conc: 20.43 ug/ml

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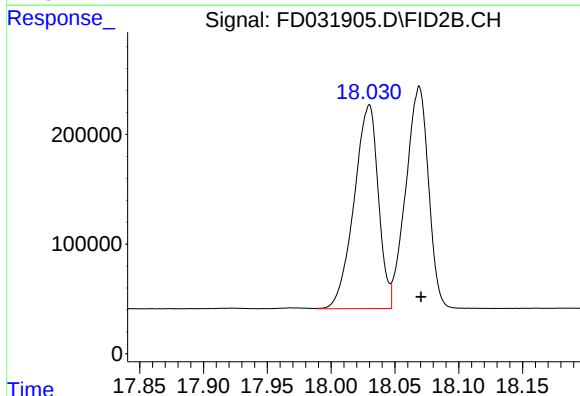
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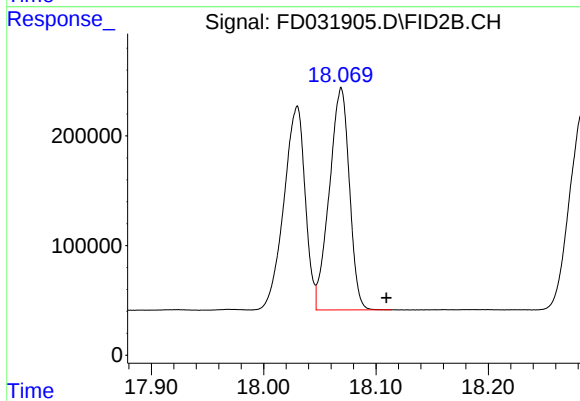
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.037 min
Response: 2445629
Conc: 20.40 ug/ml



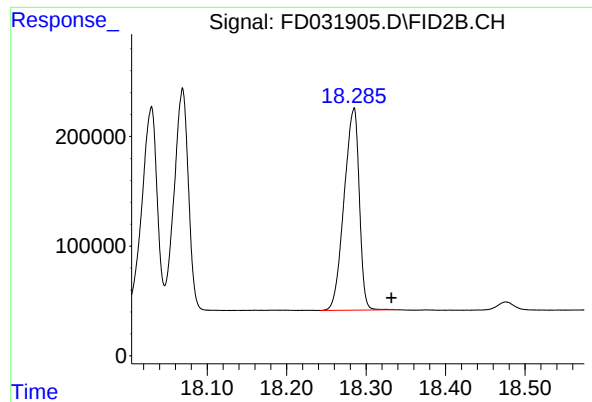
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.030 min
Delta R.T.: -0.041 min
Response: 2465397
Conc: 21.44 ug/ml m



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

R.T.: 18.069 min
Delta R.T.: -0.040 min
Response: 2512965
Conc: 22.26 ug/ml



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

R.T.: 18.285 min
Delta R.T.: -0.047 min
Response: 2442268
Conc: 21.55 ug/ml

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