

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121720AR\
 Data File : FD035806.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2020 11:52
 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

Ankita
 12/18/2020 10:43:32 AM

Integration File: autoint1.e
 Quant Time: Dec 18 00:24:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 2020
 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...	7.589	2370624	18.601 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
6) S 2-Fluorobiphenyl (SURR)	8.455	1511704	17.435 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.87%
11) S ortho-Terphenyl (SURR)	11.487	2655744	17.945 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2841966	19.625 ug/ml
2) T Naphthalene (C11.7)	5.930	2798828	18.609 ug/ml
3) T 2-Methylnaphthalene (...)	6.980	2707818	17.945 ug/ml
5) T Acenaphthylene (C15.06)	8.254	2629559	17.965 ug/ml
7) T Acenaphthene (C15.5)	8.548	2808580	18.551 ug/ml
8) T Flouorene (C16.55)	9.331	2553331	17.789 ug/ml
9) T Phenanthrene (C19.36)	10.729	2441216	17.167 ug/ml
10) T Anthracene (C19.43)	10.805	2446338	17.100 ug/ml
12) T Fluoranthene (C21.85)	12.542	2401425	17.224 ug/ml
13) T Pyrene (C20.8)	12.838	2393398	17.672 ug/ml
14) T Benzo[a]anthracene (C...	14.713	2191718	18.846 ug/mlm
15) T Chrysene (C27.41)	14.756	2478521	19.389 ug/ml
16) T benzo[b]fluoranthene ...	16.268	2233884	20.652 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.298	2271409	20.470 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.651	2232407	22.639 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.019	2264137	23.407 ug/mlm
20) T Dibenz[a,h]anthracene...	18.052	2329581	22.581 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.273	2338412	23.615 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

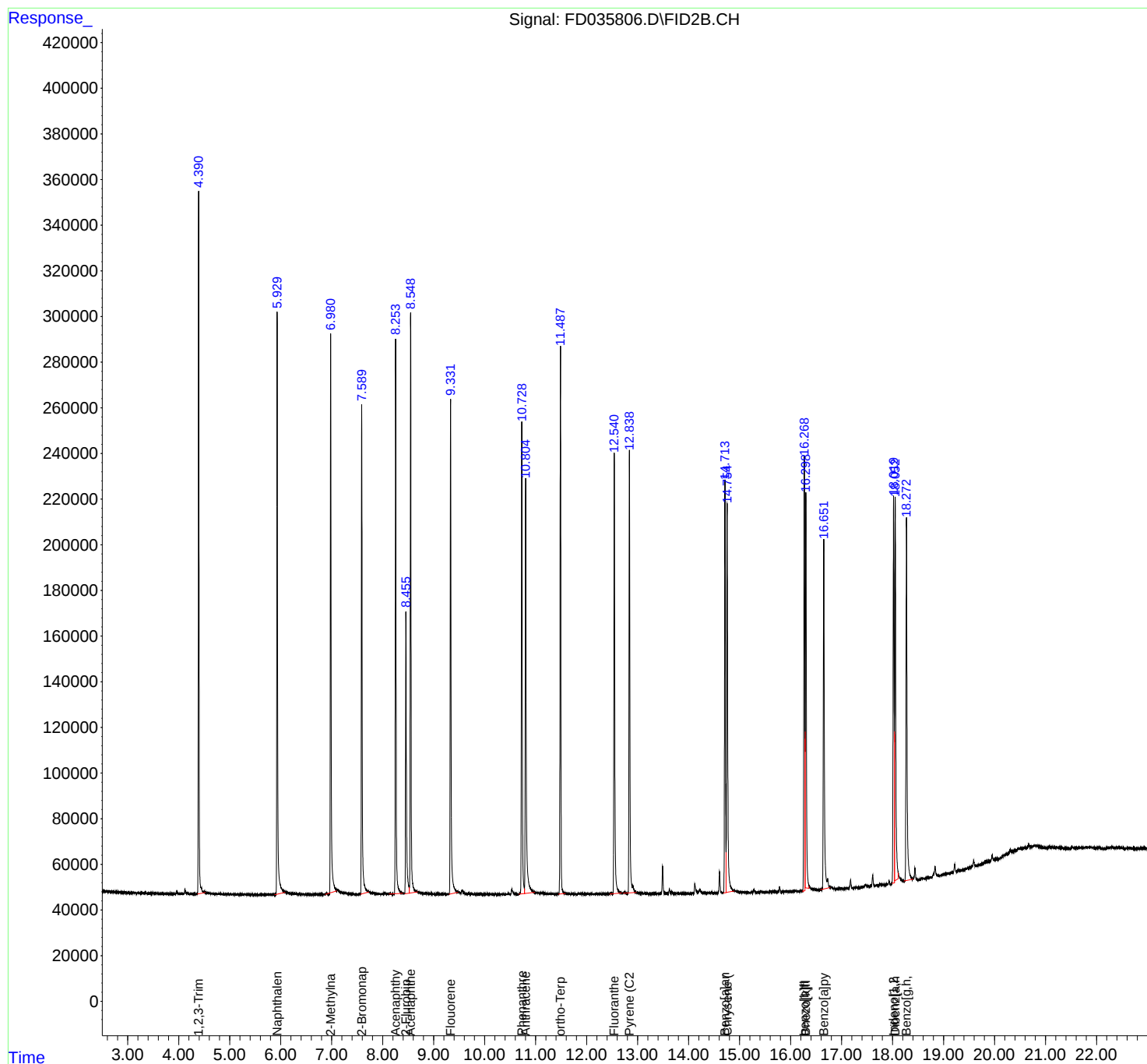
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20 PPM AROMATIC HC STD

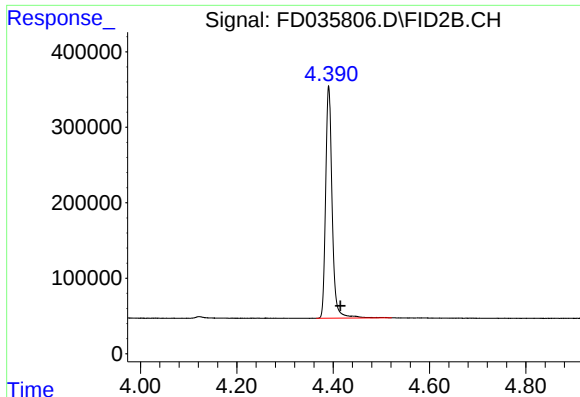
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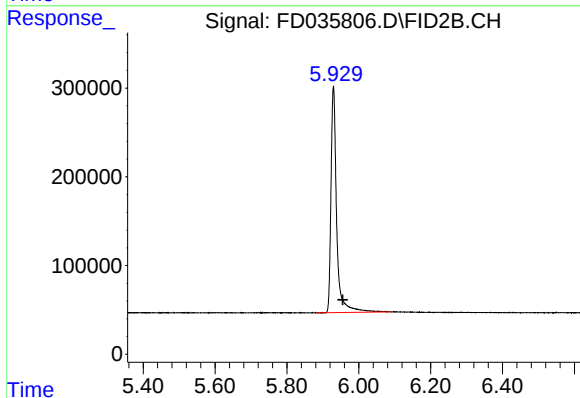
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.391 min
Delta R.T.: -0.024 min
Response: 2841966
Conc: 19.62 ug/ml

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20 PPM AROMATIC HC STD

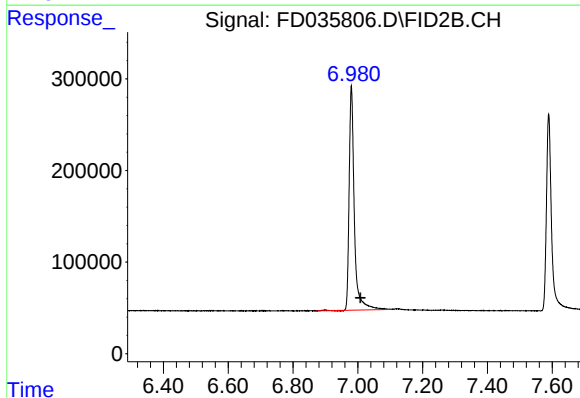
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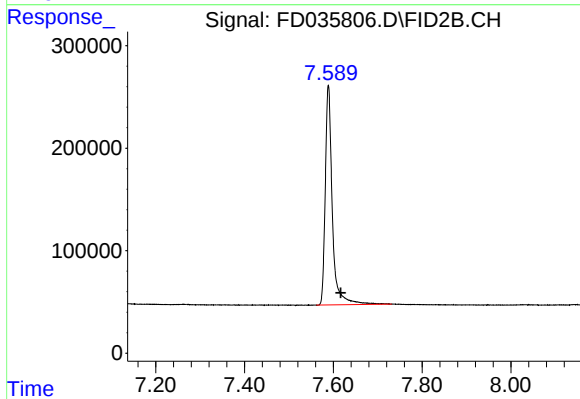
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: -0.026 min
Response: 2798828
Conc: 18.61 ug/ml



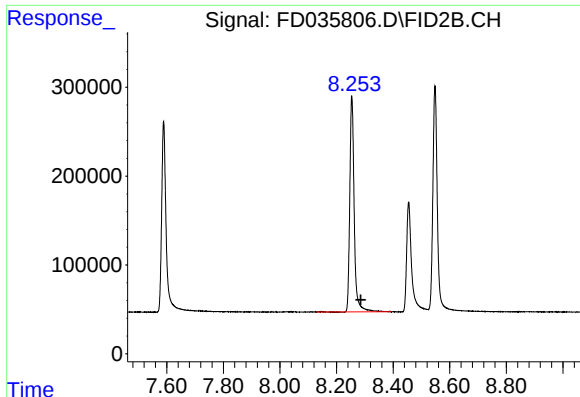
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min
Delta R.T.: -0.028 min
Response: 2707818
Conc: 17.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: -0.027 min
Response: 2370624
Conc: 18.60 ug/ml



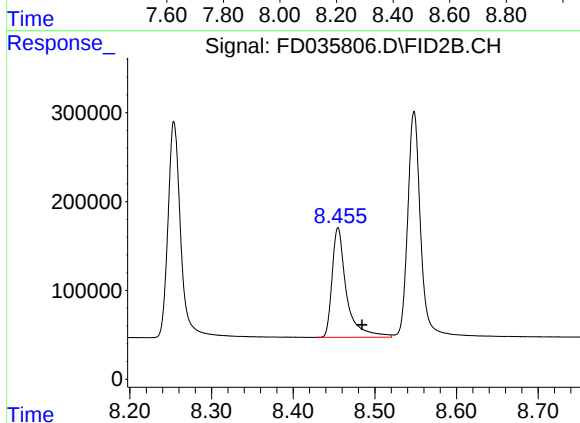
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: -0.031 min
Response: 2629559
Conc: 17.96 ug/ml

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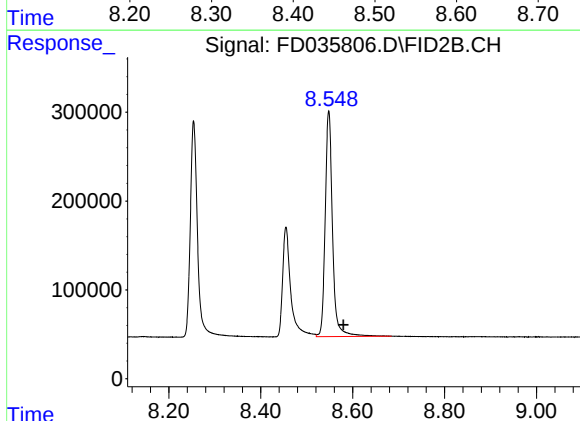
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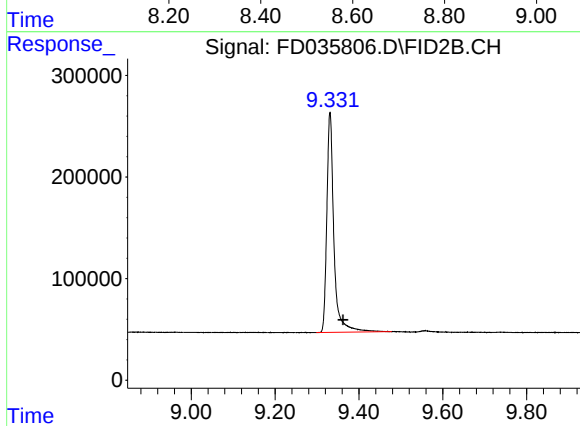
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.455 min
Delta R.T.: -0.029 min
Response: 1511704
Conc: 17.44 ug/ml



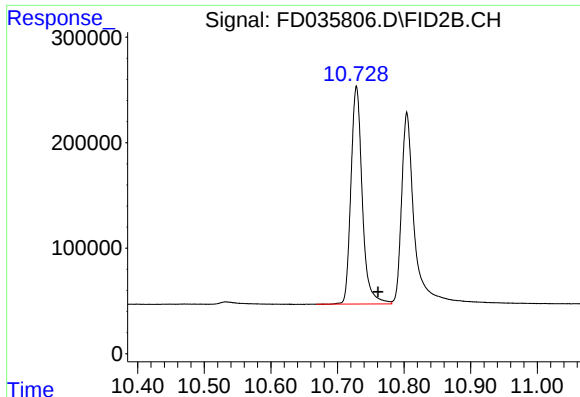
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.032 min
Response: 2808580
Conc: 18.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.331 min
Delta R.T.: -0.031 min
Response: 2553331
Conc: 17.79 ug/ml



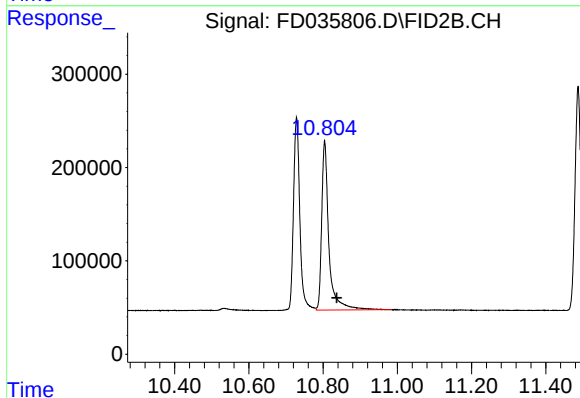
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: -0.032 min
Response: 2441216
Conc: 17.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

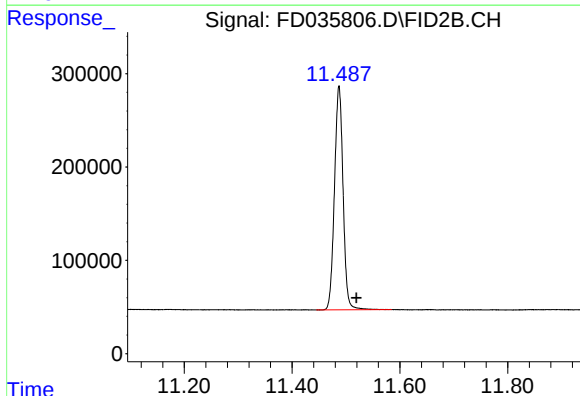
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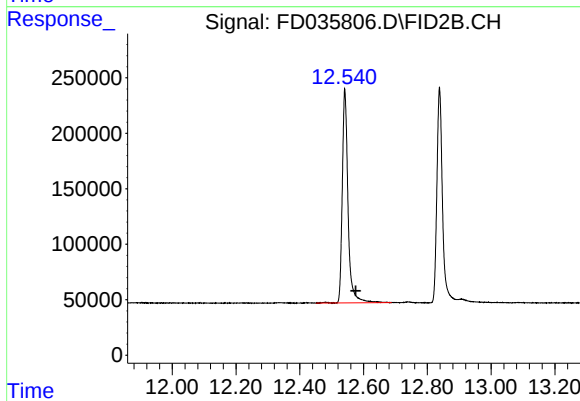
#10 Anthracene (C19.43)

R.T.: 10.805 min
Delta R.T.: -0.032 min
Response: 2446338
Conc: 17.10 ug/ml



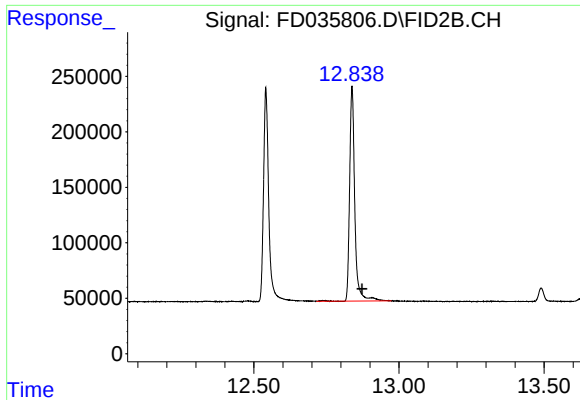
#11 ortho-Terphenyl (SURR)

R.T.: 11.487 min
Delta R.T.: -0.032 min
Response: 2655744
Conc: 17.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.542 min
Delta R.T.: -0.034 min
Response: 2401425
Conc: 17.22 ug/ml



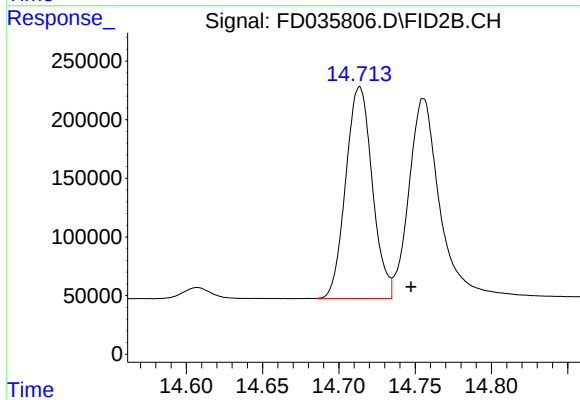
#13 Pyrene (C20.8)

R.T.: 12.838 min
Delta R.T.: -0.035 min
Response: 2393398
Conc: 17.67 ug/ml

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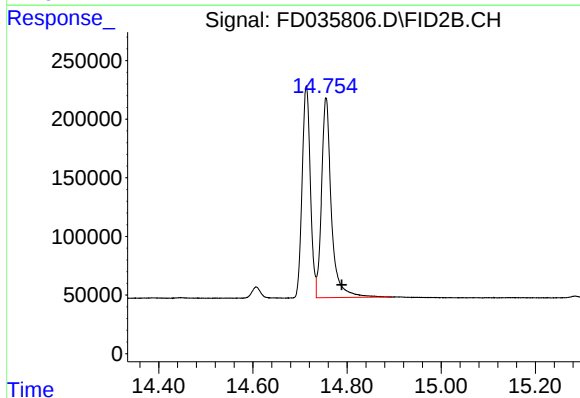
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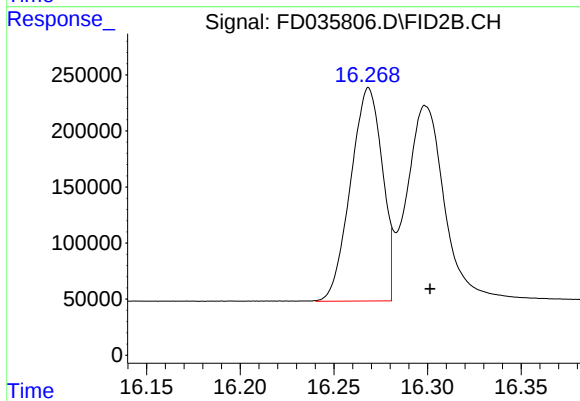
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min
Delta R.T.: -0.034 min
Response: 2191718
Conc: 18.85 ug/ml m



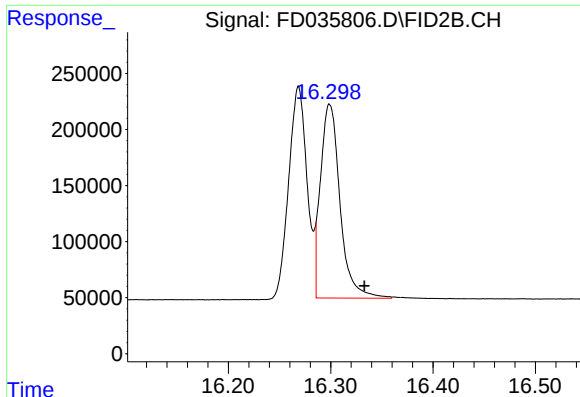
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.034 min
Response: 2478521
Conc: 19.39 ug/ml



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

R.T.: 16.268 min
Delta R.T.: -0.033 min
Response: 2233884
Conc: 20.65 ug/ml m



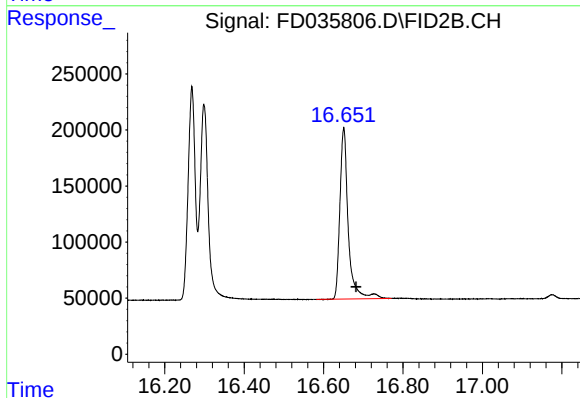
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.298 min
Delta R.T.: -0.035 min
Response: 2271409
Conc: 20.47 ug/ml m

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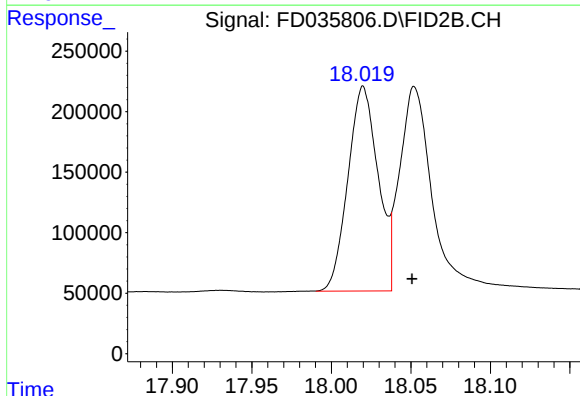
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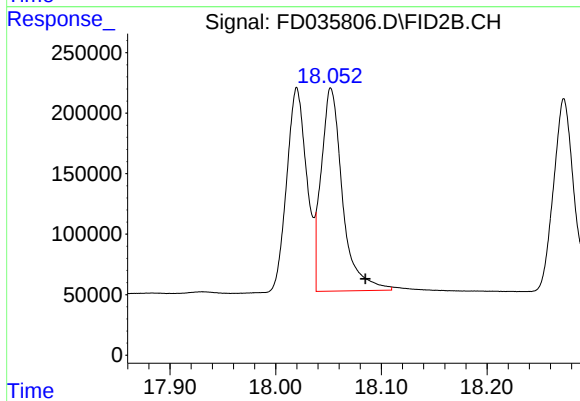
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.031 min
Response: 2232407
Conc: 22.64 ug/ml



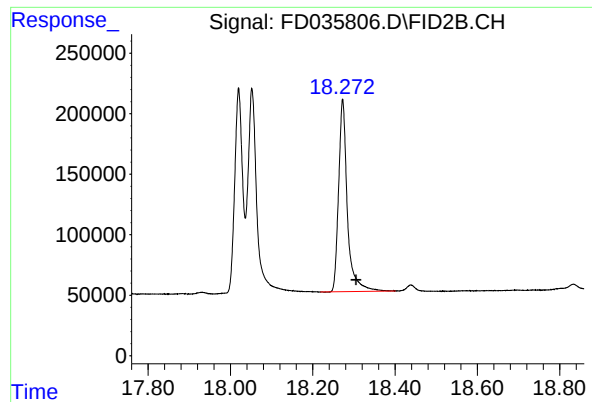
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.019 min
Delta R.T.: -0.031 min
Response: 2264137
Conc: 23.41 ug/ml m



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

R.T.: 18.052 min
Delta R.T.: -0.033 min
Response: 2329581
Conc: 22.58 ug/ml m



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

R.T.: 18.273 min
Delta R.T.: -0.032 min
Response: 2338412
Conc: 23.62 ug/ml

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