

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036205.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 4:27
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 16 06:05:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 06:03:19 2021
 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...	7.608	2454075	20.138 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
6) S 2-Fluorobiphenyl (SURR)	8.469	1732128	20.367 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.512	2947660	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	2629346	19.844 ug/ml
2) T Naphthalene (C11.7)	5.946	2847607	19.955 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	2855876	20.070 ug/ml
5) T Acenaphthylene (C15.06)	8.273	2806418	20.290 ug/ml
7) T Acenaphthene (C15.5)	8.568	2897331	20.216 ug/ml
8) T Fluorene (C16.55)	9.348	2843061	20.302 ug/ml
9) T Phenanthrene (C19.36)	10.744	2902821	20.449 ug/ml
10) T Anthracene (C19.43)	10.817	2814236	20.324 ug/ml
12) T Fluoranthene (C21.85)	12.553	2933818	20.243 ug/ml
13) T Pyrene (C20.8)	12.850	2910099	20.228 ug/ml
14) T Benzo[a]anthracene (C...	14.718	2727702	20.221 ug/ml
15) T Chrysene (C27.41)	14.761	2802476	20.235 ug/ml
16) T benzo[b]fluoranthene ...	16.265	2735205	20.251 ug/ml
17) T Bnezo[k]fluoranthene ...	16.298	2647967	20.287 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.642	2512024	20.299 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.004	2529549	20.234 ug/ml
20) T Dibenz[a,h]anthracene...	18.045	2537277	20.321 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	2534394	20.351 ug/ml

(f)=RT Delta > 1/2 Window

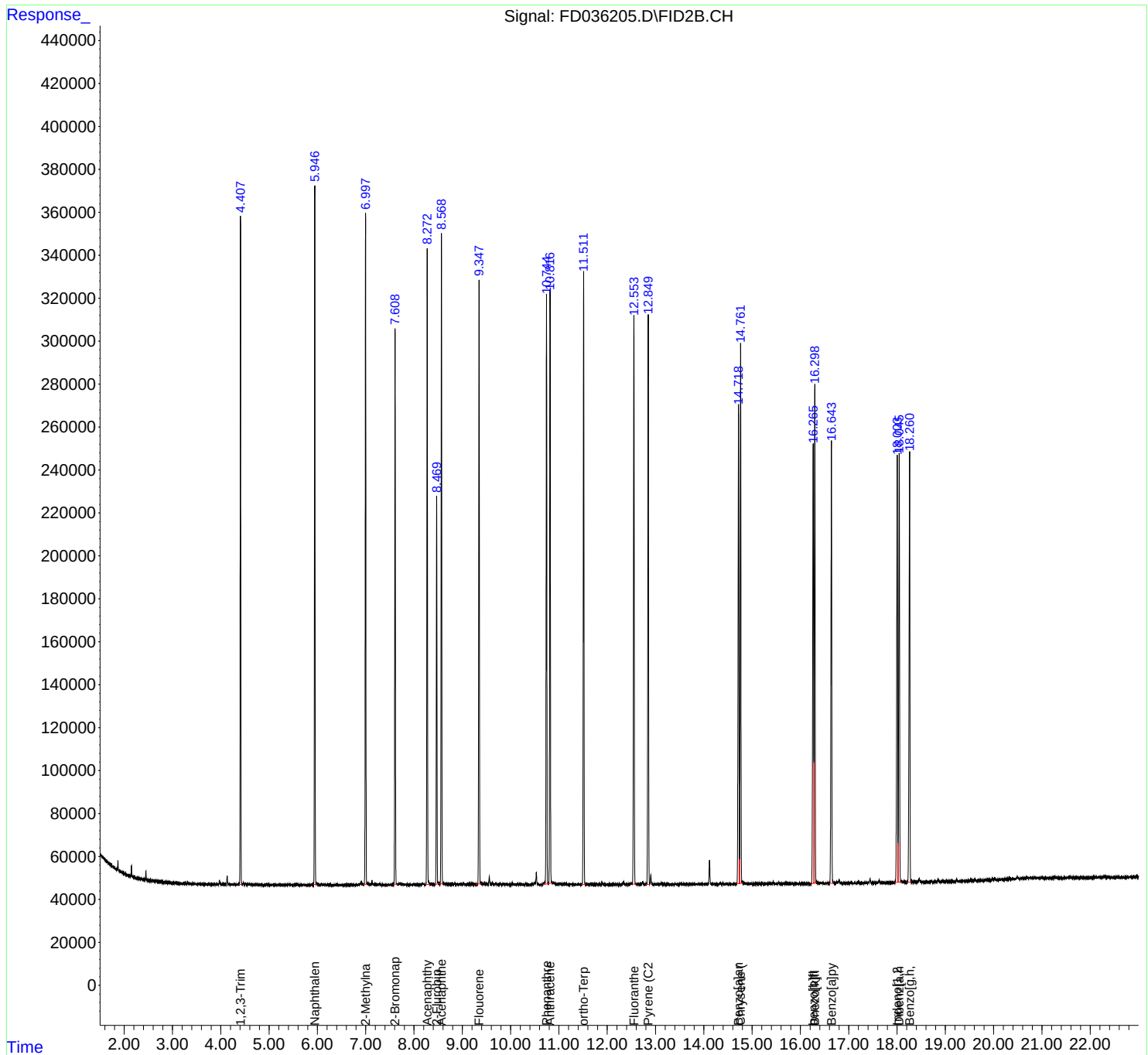
(m)=manual int.

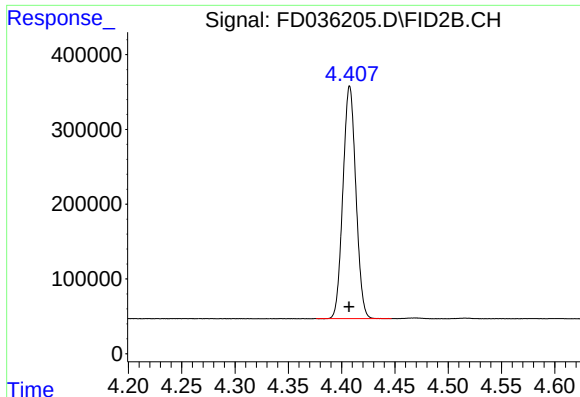
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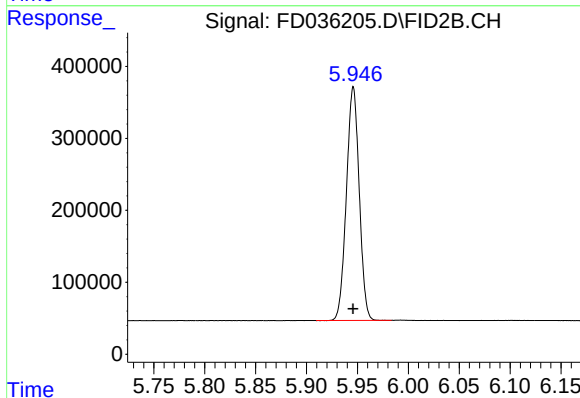




#1 1,2,3-Trimethylbenzene (C10.1)

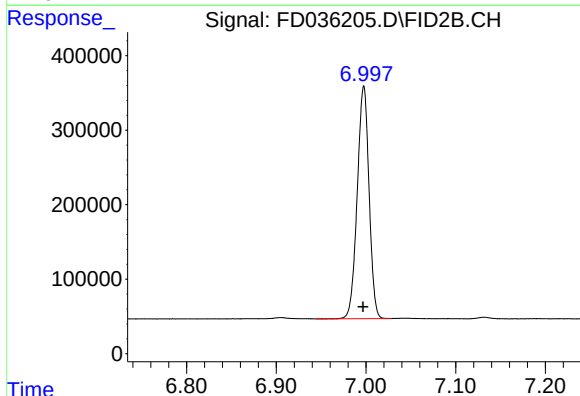
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 2629346
Conc: 19.84 ug/ml

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20 PPM AROMATIC HC STD



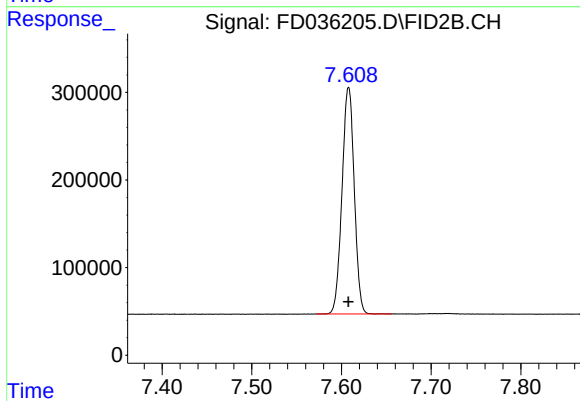
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 2847607
Conc: 19.95 ug/ml



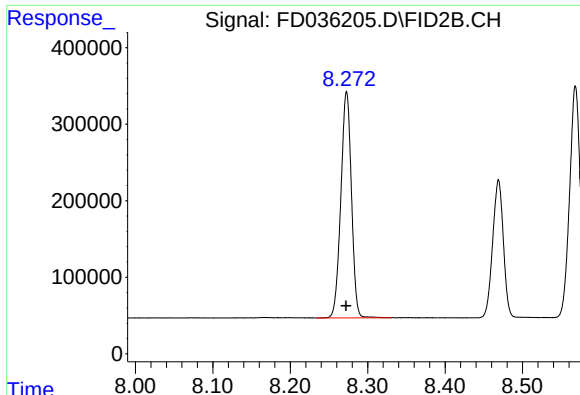
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 2855876
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

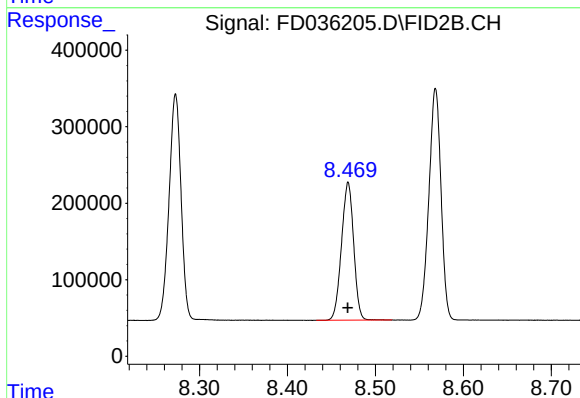
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 2454075
Conc: 20.14 ug/ml



#5 Acenaphthylene (C15.06)

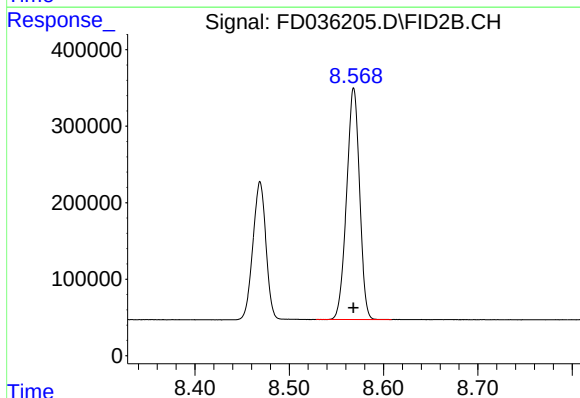
R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 2806418
Conc: 20.29 ug/ml

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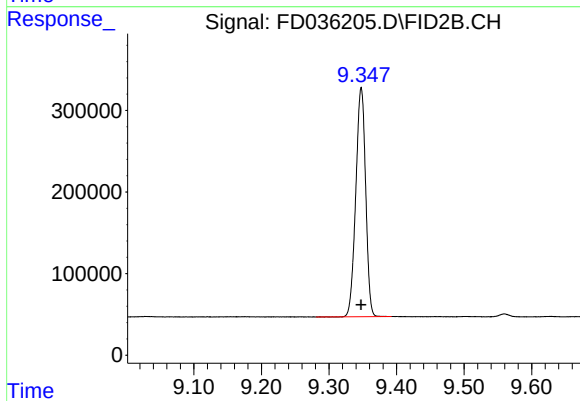
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 1732128
Conc: 20.37 ug/ml



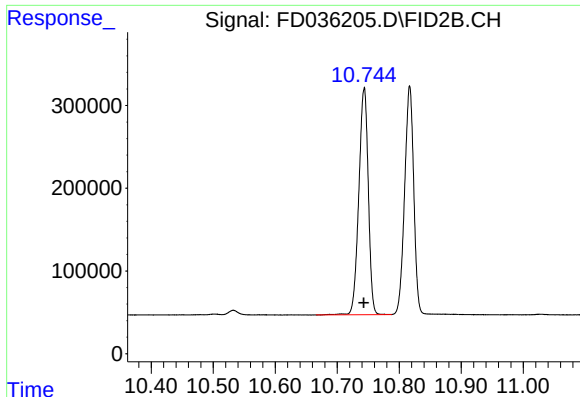
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 2897331
Conc: 20.22 ug/ml



#8 Fluorene (C16.55)

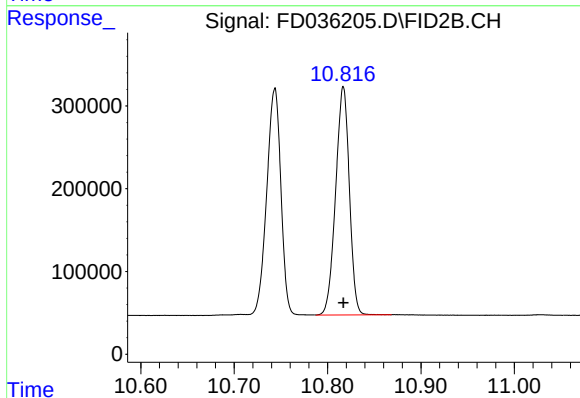
R.T.: 9.348 min
Delta R.T.: 0.000 min
Response: 2843061
Conc: 20.30 ug/ml



#9 Phenanthrene (C19.36)

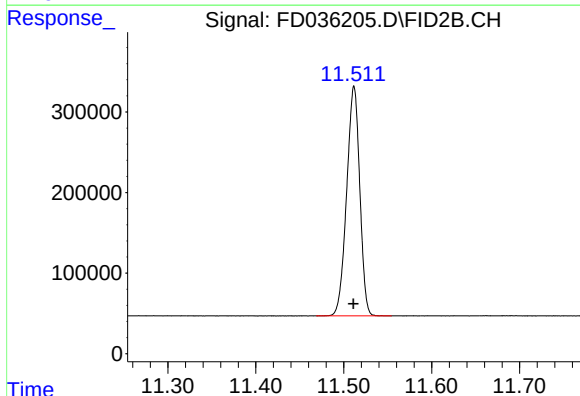
R.T.: 10.744 min
Delta R.T.: 0.001 min
Response: 2902821
Conc: 20.45 ug/ml

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20 PPM AROMATIC HC STD



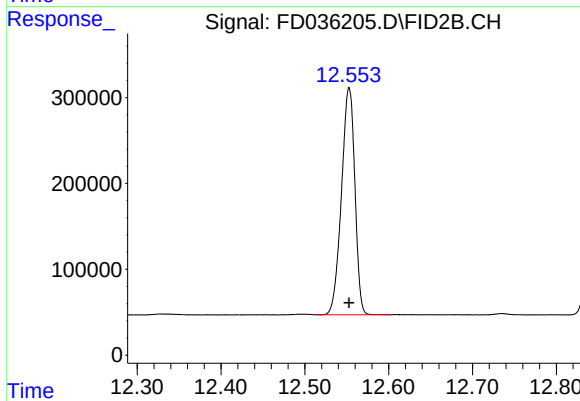
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: 0.000 min
Response: 2814236
Conc: 20.32 ug/ml



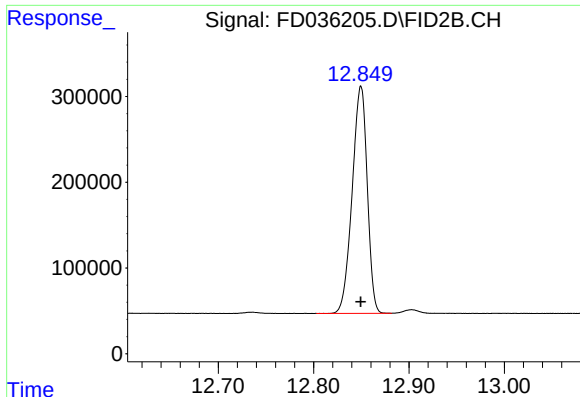
#11 ortho-Terphenyl (SURR)

R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 2947660
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

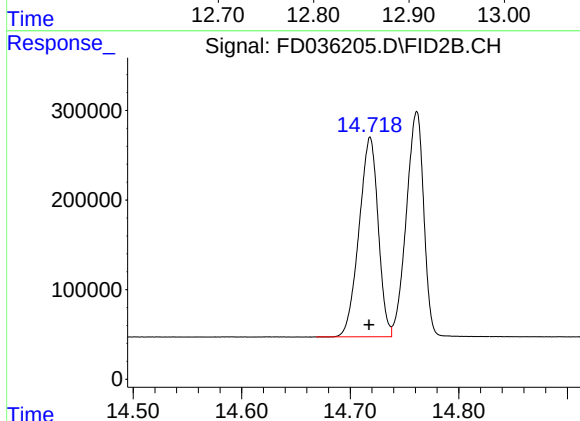
R.T.: 12.553 min
Delta R.T.: 0.000 min
Response: 2933818
Conc: 20.24 ug/ml



#13 Pyrene (C20.8)

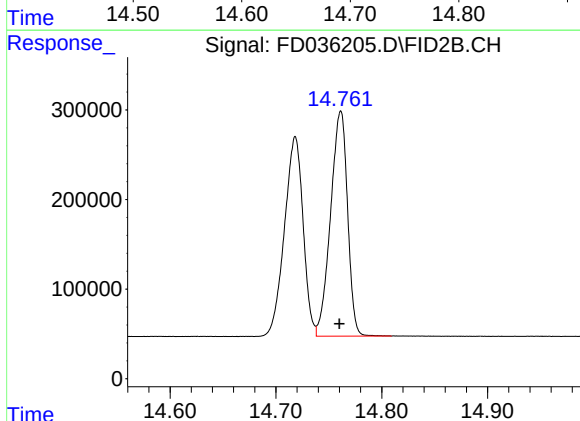
R.T.: 12.850 min
Delta R.T.: 0.000 min
Response: 2910099
Conc: 20.23 ug/ml

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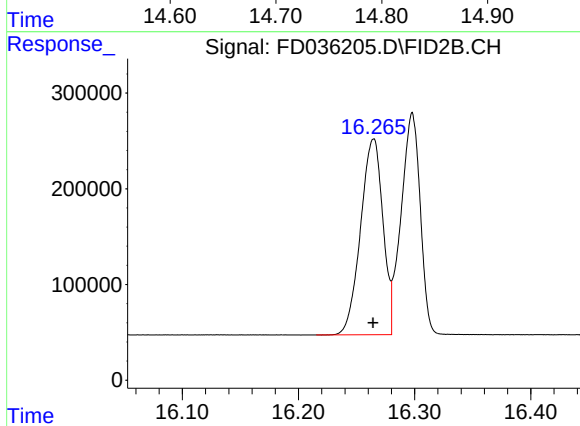
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.718 min
Delta R.T.: 0.000 min
Response: 2727702
Conc: 20.22 ug/ml



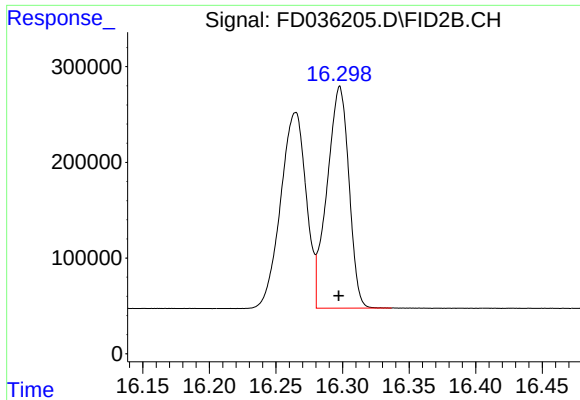
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: 0.001 min
Response: 2802476
Conc: 20.24 ug/ml



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

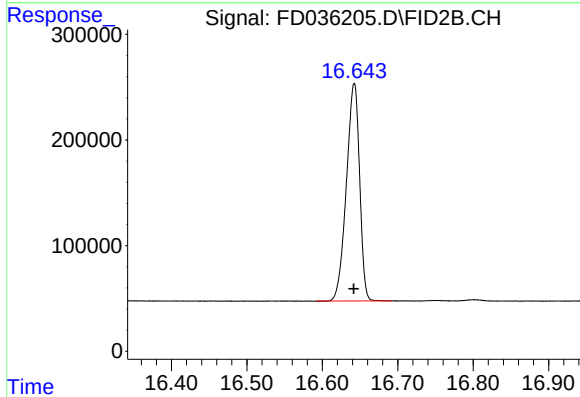
R.T.: 16.265 min
Delta R.T.: 0.000 min
Response: 2735205
Conc: 20.25 ug/ml



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

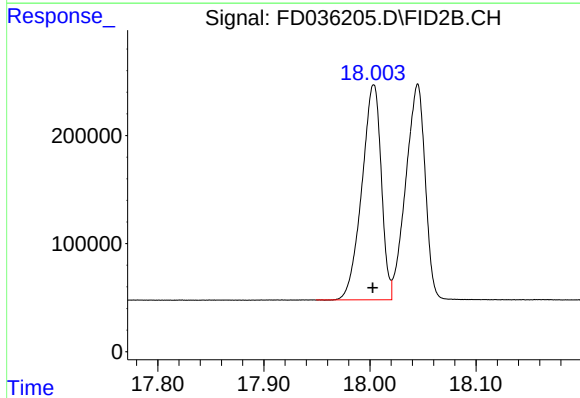
R.T.: 16.298 min
Delta R.T.: 0.000 min
Response: 2647967
Conc: 20.29 ug/ml

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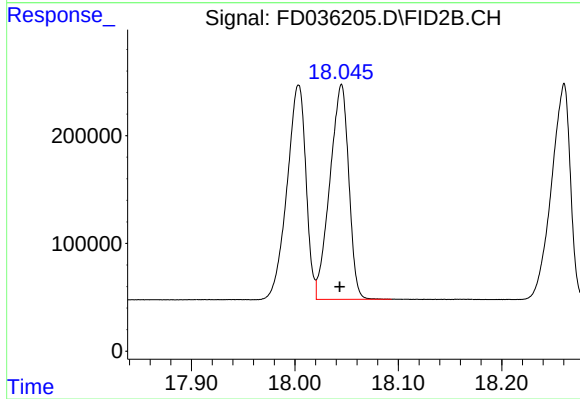
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.642 min
Delta R.T.: 0.000 min
Response: 2512024
Conc: 20.30 ug/ml



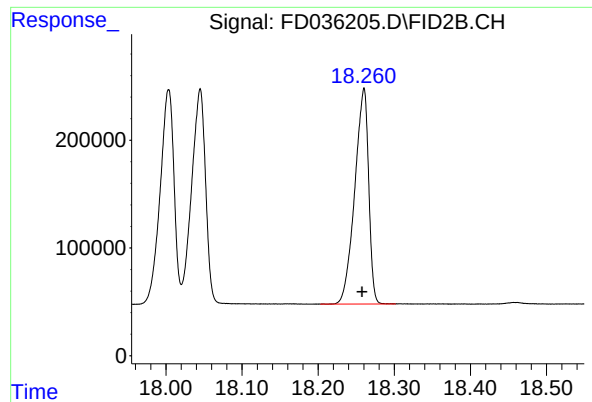
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 2529549
Conc: 20.23 ug/ml



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

R.T.: 18.045 min
Delta R.T.: 0.002 min
Response: 2537277
Conc: 20.32 ug/ml



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

R.T.: 18.260 min
Delta R.T.: 0.002 min
Response: 2534394
Conc: 20.35 ug/ml

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