

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051220AR\
 Data File : FD033460.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2020 6:26
 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

Sohil
 5/13/2020 5:02:48 PM

Integration File: sample.E
 Quant Time: May 12 07:41:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.585	2243734	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
6) S 2-Fluorobiphenyl (SURR)	8.448	1503094	20.243 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.49%
11) S ortho-Terphenyl (SURR)	11.478	2597751	20.131 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	2296364	20.179 ug/ml
2) T Naphthalene (C11.7)	5.928	2398311	20.348 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	2434846	20.446 ug/ml
5) T Acenaphthylene (C15.06)	8.249	2440233	20.215 ug/ml
7) T Acenaphthene (C15.5)	8.543	2544125	20.156 ug/ml
8) T Flouorene (C16.55)	9.323	2497216	20.391 ug/ml
9) T Phenanthrene (C19.36)	10.718	2561270	20.261 ug/ml
10) T Anthracene (C19.43)	10.793	2476550	20.354 ug/ml
12) T Fluoranthene (C21.85)	12.528	2638972	20.367 ug/ml
13) T Pyrene (C20.8)	12.824	2617543	20.262 ug/ml
14) T Benzo[a]anthracene (C...	14.695	2506466	20.518 ug/mlm
15) T Chrysene (C27.41)	14.738	2626042	20.393 ug/ml
16) T benzo[b]fluoranthene ...	16.249	2554307	20.530 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.280	2627012	20.403 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.628	2536043	20.531 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.998	2361871	19.910 ug/mlm
20) T Dibenz[a,h]anthracene...	18.032	2581733	20.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	2483944	20.587 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

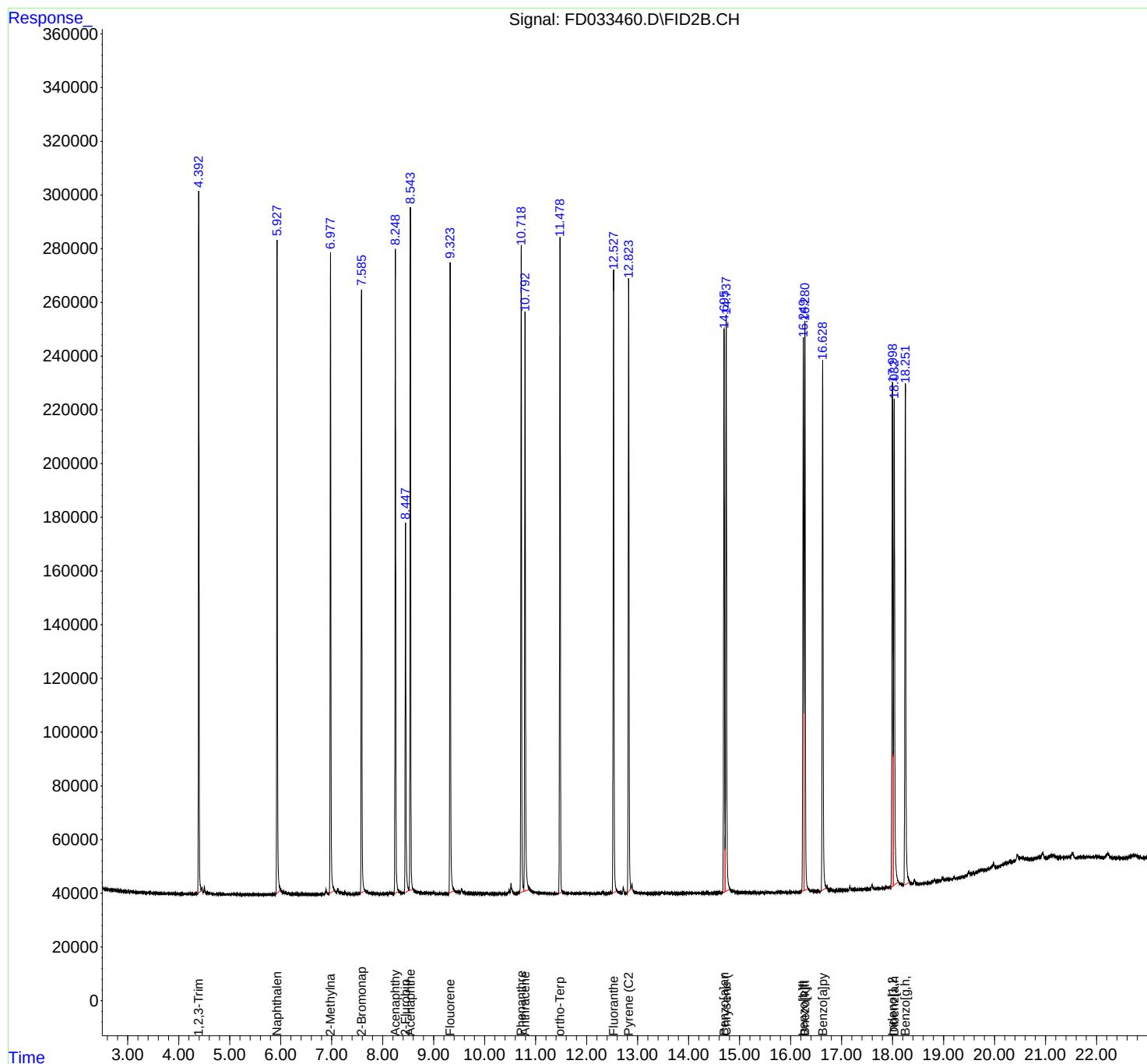
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

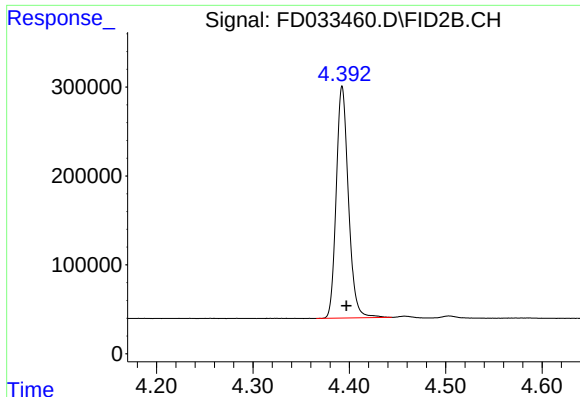
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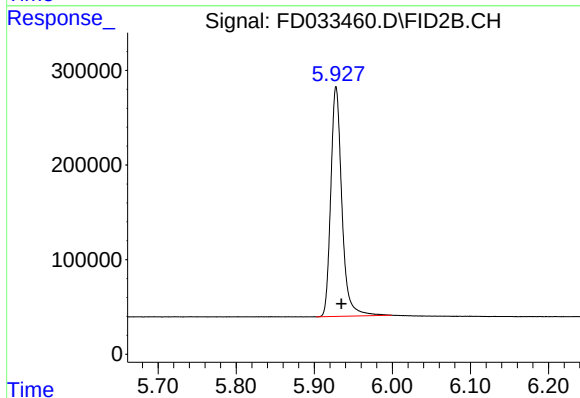
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min
Delta R.T.: -0.004 min
Response: 2296364
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

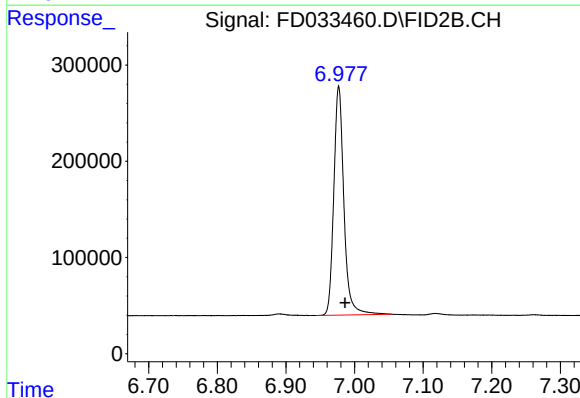
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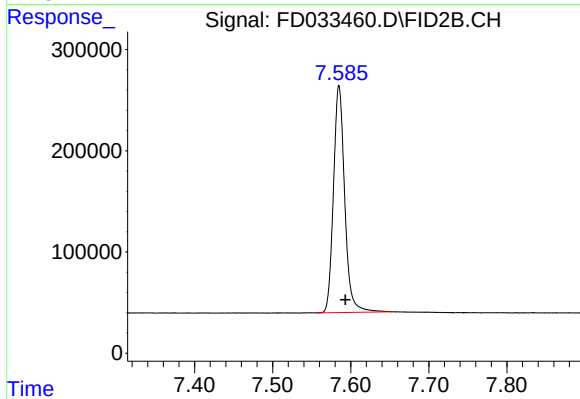
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.007 min
Response: 2398311
Conc: 20.35 ug/ml



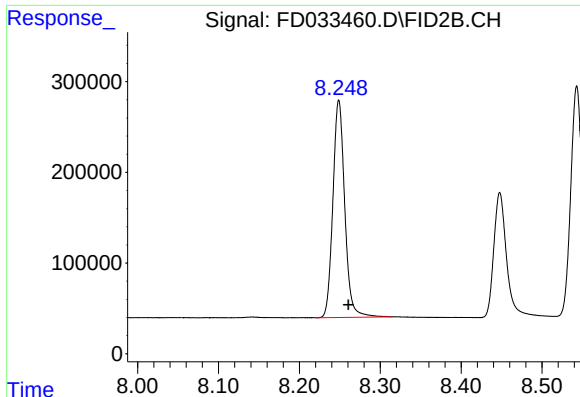
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.009 min
Response: 2434846
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 2243734
Conc: 20.40 ug/ml



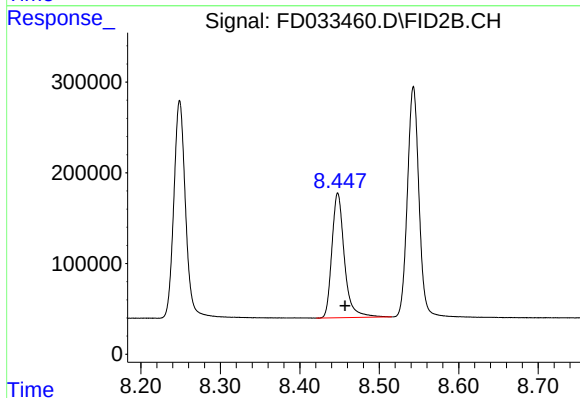
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: -0.012 min
Response: 2440233
Conc: 20.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

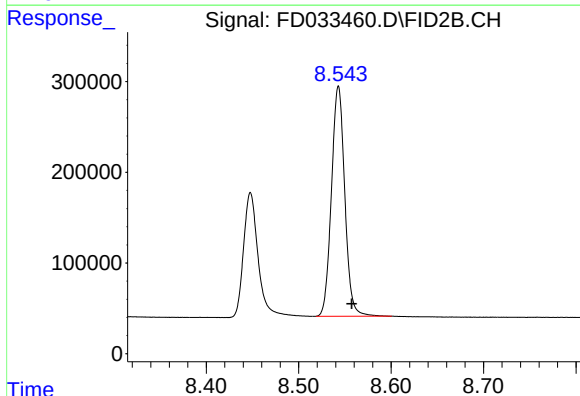
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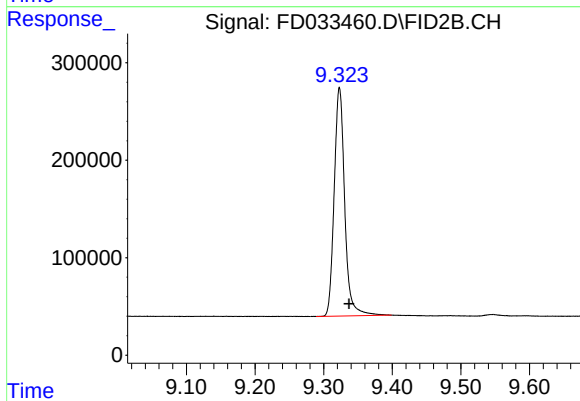
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.009 min
Response: 1503094
Conc: 20.24 ug/ml



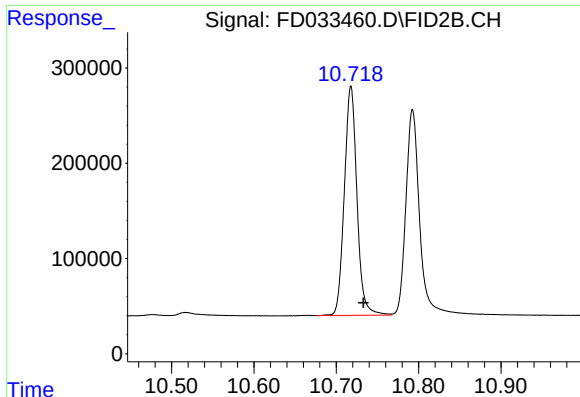
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.014 min
Response: 2544125
Conc: 20.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.323 min
Delta R.T.: -0.014 min
Response: 2497216
Conc: 20.39 ug/ml



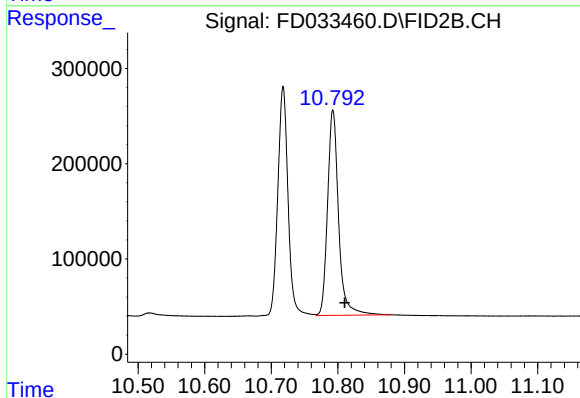
#9 Phenanthrene (C19.36)

R.T.: 10.718 min
Delta R.T.: -0.015 min
Response: 2561270
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

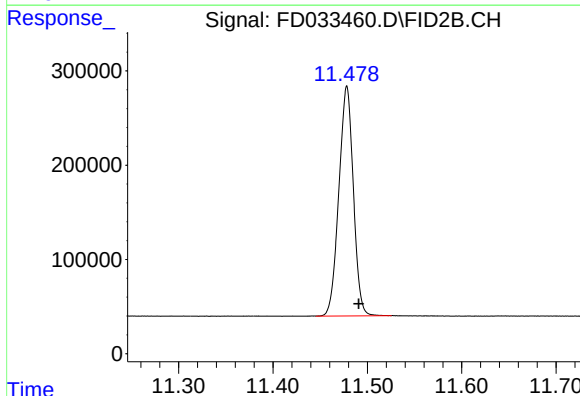
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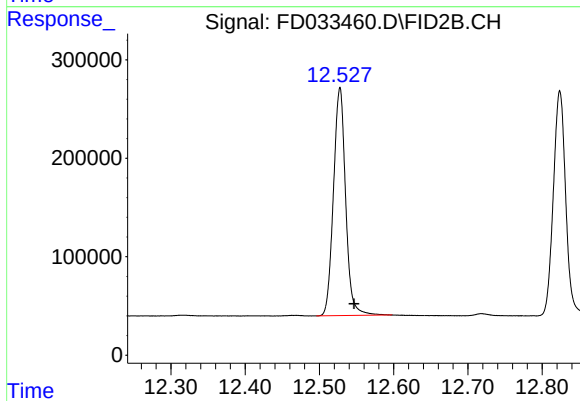
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: -0.018 min
Response: 2476550
Conc: 20.35 ug/ml



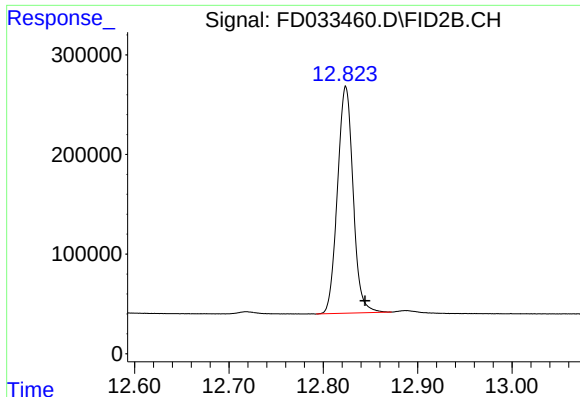
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: -0.013 min
Response: 2597751
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.528 min
Delta R.T.: -0.019 min
Response: 2638972
Conc: 20.37 ug/ml



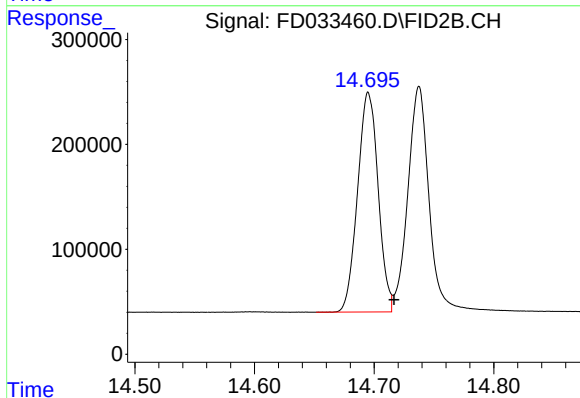
#13 Pyrene (C20.8)

R.T.: 12.824 min
Delta R.T.: -0.020 min
Response: 2617543
Conc: 20.26 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

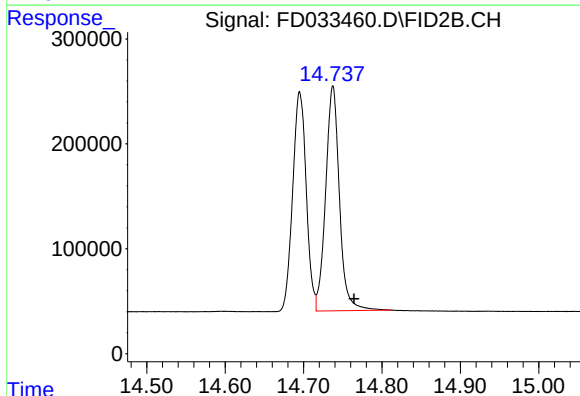
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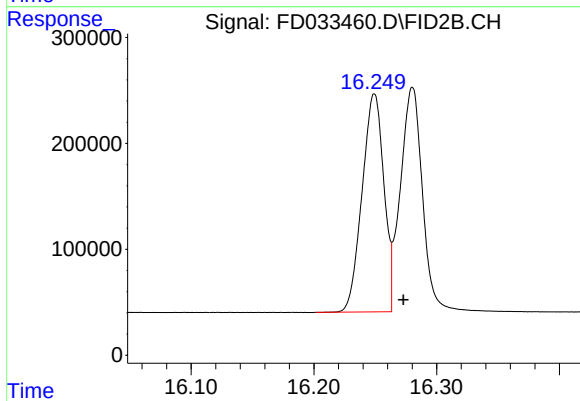
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: -0.022 min
Response: 2506466
Conc: 20.52 ug/ml m



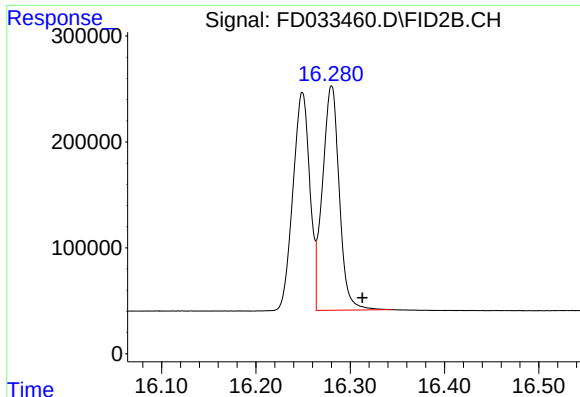
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.027 min
Response: 2626042
Conc: 20.39 ug/ml



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

R.T.: 16.249 min
Delta R.T.: -0.024 min
Response: 2554307
Conc: 20.53 ug/ml m



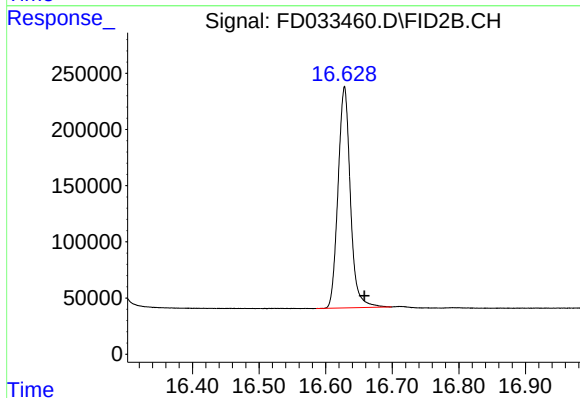
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.280 min
Delta R.T.: -0.033 min
Response: 2627012
Conc: 20.40 ug/ml

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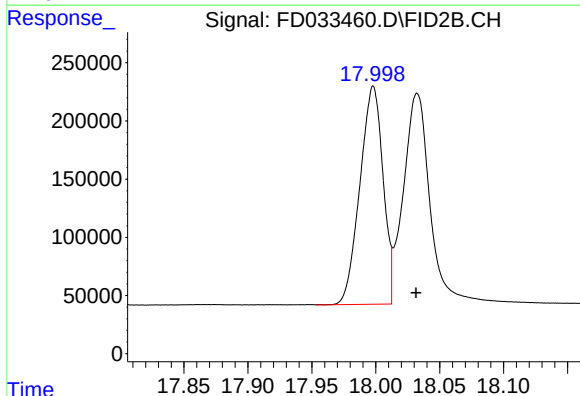
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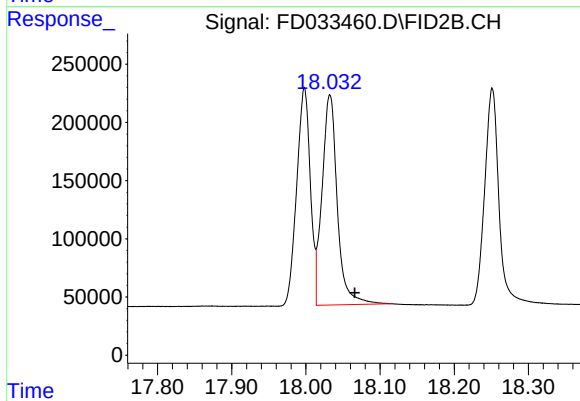
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.628 min
Delta R.T.: -0.030 min
Response: 2536043
Conc: 20.53 ug/ml



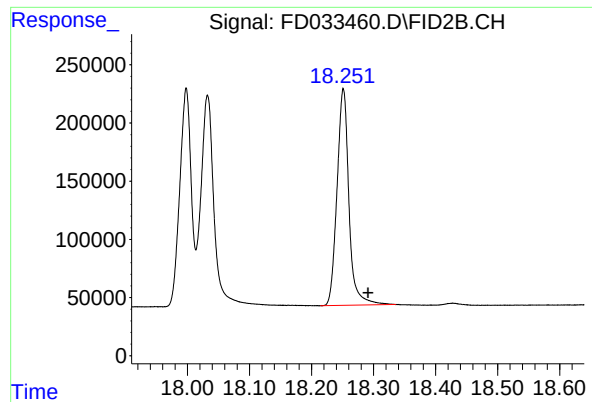
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.998 min
Delta R.T.: -0.034 min
Response: 2361871
Conc: 19.91 ug/ml m



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

R.T.: 18.032 min
Delta R.T.: -0.033 min
Response: 2581733
Conc: 20.88 ug/ml



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

R.T.: 18.251 min
Delta R.T.: -0.040 min
Response: 2483944
Conc: 20.59 ug/ml

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