

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030520AR\
 Data File : FD032522.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2020 5:07
 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

Integration File: autoint1.e
 Quant Time: Mar 06 05:41:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.624	2518021	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
6) S 2-Fluorobiphenyl (SURR)	8.486	1662152	18.828 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.66%
11) S ortho-Terphenyl (SURR)	11.523	2559662	18.461 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	2770444	20.828 ug/ml
2) T Naphthalene (C11.7)	5.965	2838542	19.978 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	2772937	19.534 ug/ml
5) T Acenaphthylene (C15.06)	8.289	2595310	18.973 ug/ml
7) T Acenaphthene (C15.5)	8.585	2698684	19.114 ug/ml
8) T Fluorene (C16.55)	9.364	2612498	18.636 ug/ml
9) T Phenanthrene (C19.36)	10.760	2531675	18.116 ug/ml
10) T Anthracene (C19.43)	10.834	2406488	17.188 ug/ml
12) T Fluoranthene (C21.85)	12.570	2459742	17.538 ug/ml
13) T Pyrene (C20.8)	12.867	2413510	17.553 ug/ml
14) T Benzo[a]anthracene (C...	14.737	2238573	17.155 ug/ml
15) T Chrysene (C27.41)	14.779	2304364	17.118 ug/ml
16) T benzo[b]fluoranthene ...	16.288	2245623	17.505 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	2248437	17.128 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	2233020	17.529 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	2196013	18.429 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	2253912	17.826 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	2222974	18.804 ug/ml

(f)=RT Delta > 1/2 Window

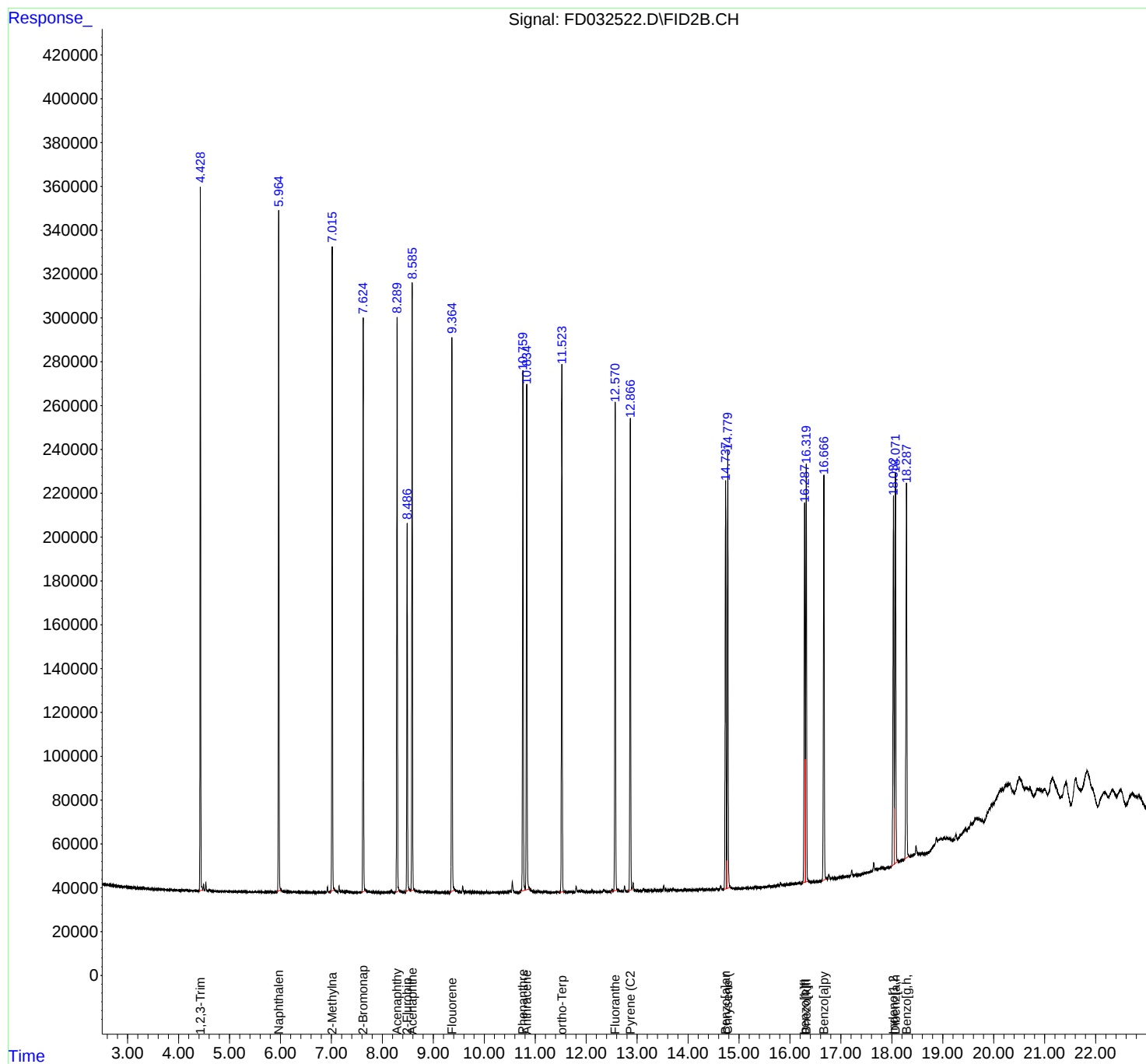
(m)=manual int.

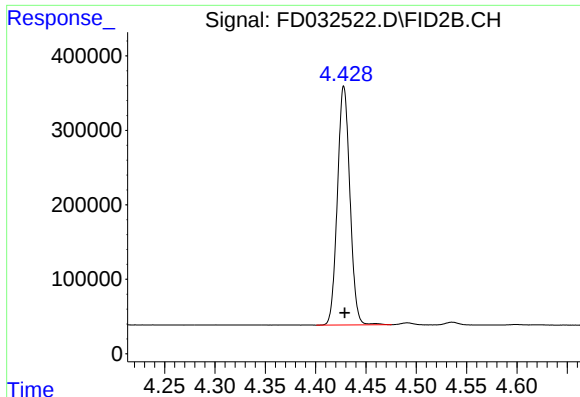
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Signal Info : 20M x 0.18mm x 0.18µm

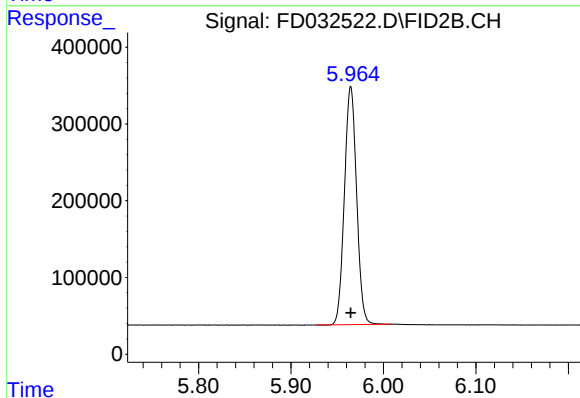




#1 1,2,3-Trimethylbenzene (C10.1)

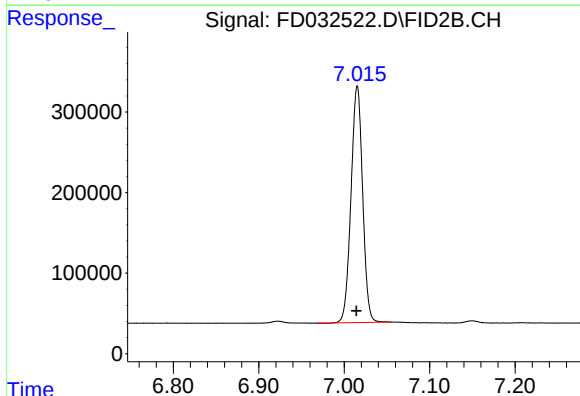
R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 2770444
Conc: 20.83 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



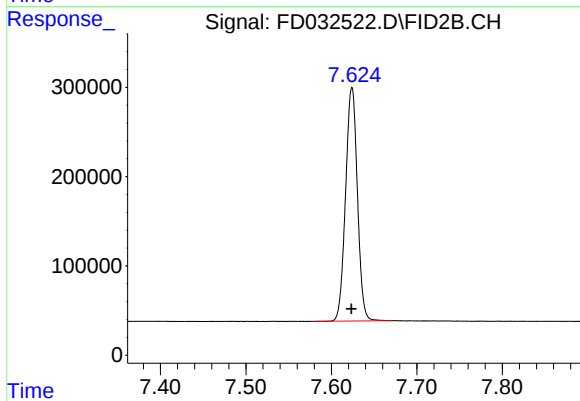
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 2838542
Conc: 19.98 ug/ml



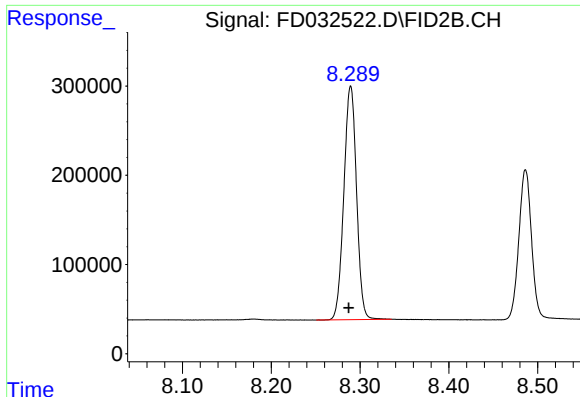
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.001 min
Response: 2772937
Conc: 19.53 ug/ml



#4 2-Bromonaphthalene (SURR)

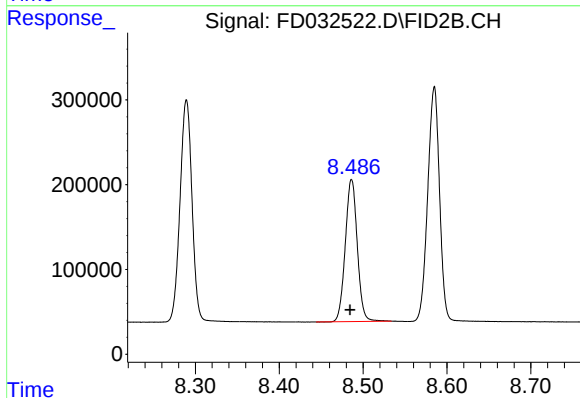
R.T.: 7.624 min
Delta R.T.: 0.000 min
Response: 2518021
Conc: 19.48 ug/ml



#5 Acenaphthylene (C15.06)

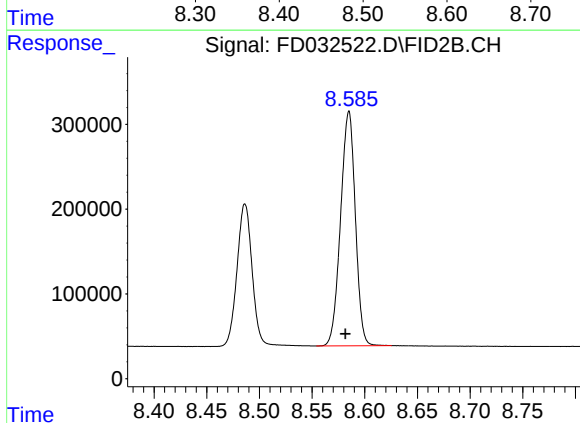
R.T.: 8.289 min
Delta R.T.: 0.002 min
Response: 2595310
Conc: 18.97 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



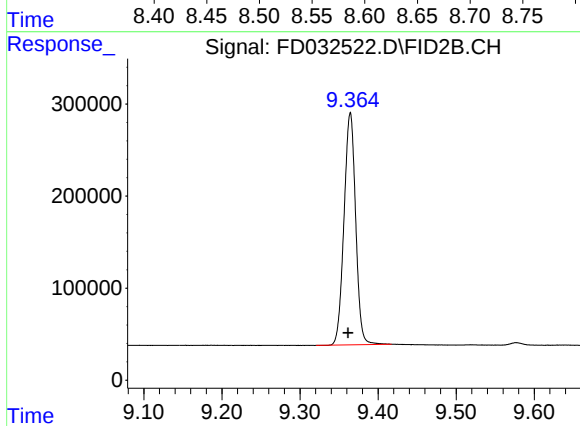
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: 0.002 min
Response: 1662152
Conc: 18.83 ug/ml



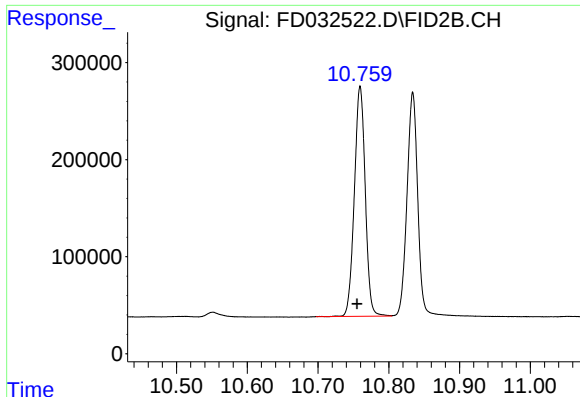
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: 0.003 min
Response: 2698684
Conc: 19.11 ug/ml



#8 Flouorene (C16.55)

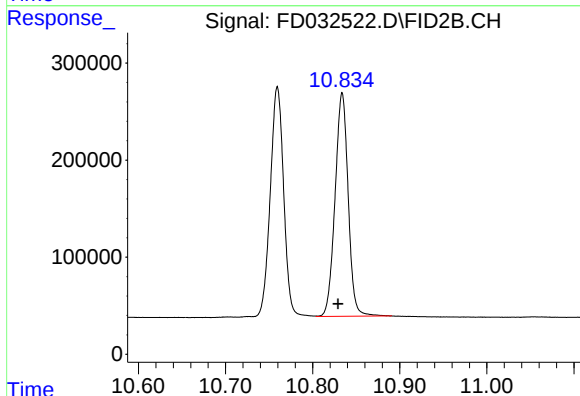
R.T.: 9.364 min
Delta R.T.: 0.003 min
Response: 2612498
Conc: 18.64 ug/ml



#9 Phenanthrene (C19.36)

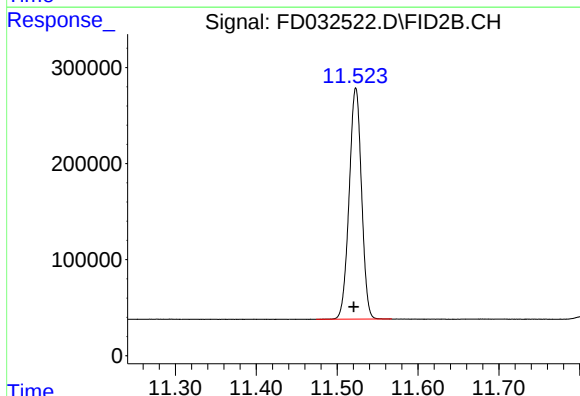
R.T.: 10.760 min
Delta R.T.: 0.004 min
Response: 2531675
Conc: 18.12 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



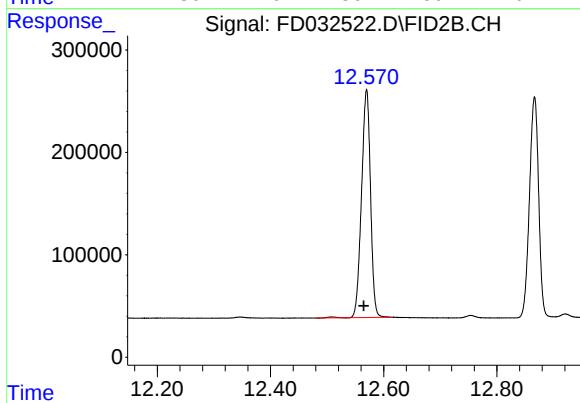
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: 0.005 min
Response: 2406488
Conc: 17.19 ug/ml



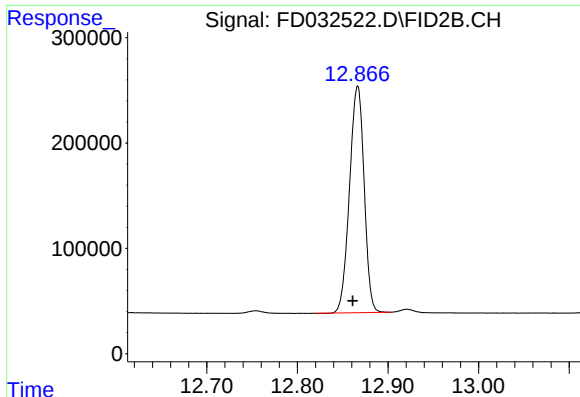
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.003 min
Response: 2559662
Conc: 18.46 ug/ml



#12 Fluoranthene (C21.85)

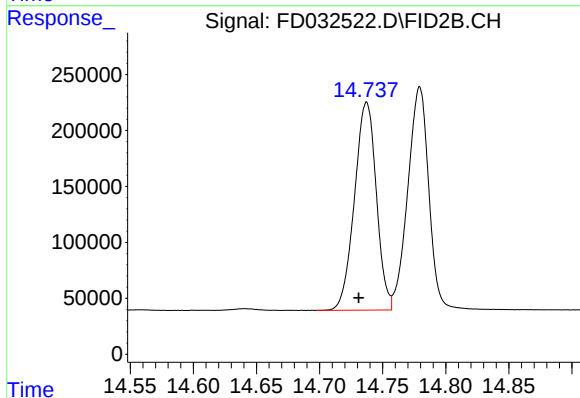
R.T.: 12.570 min
Delta R.T.: 0.005 min
Response: 2459742
Conc: 17.54 ug/ml



#13 Pyrene (C20.8)

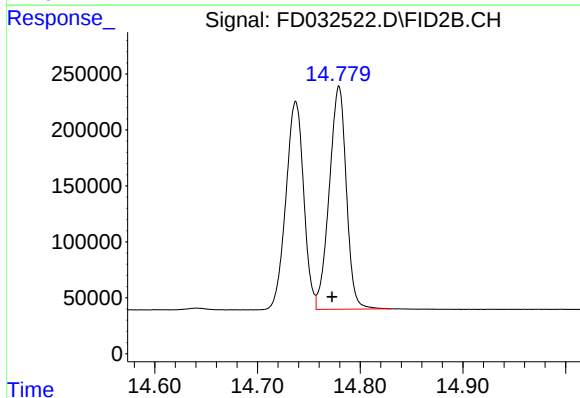
R.T.: 12.867 min
Delta R.T.: 0.005 min
Response: 2413510
Conc: 17.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



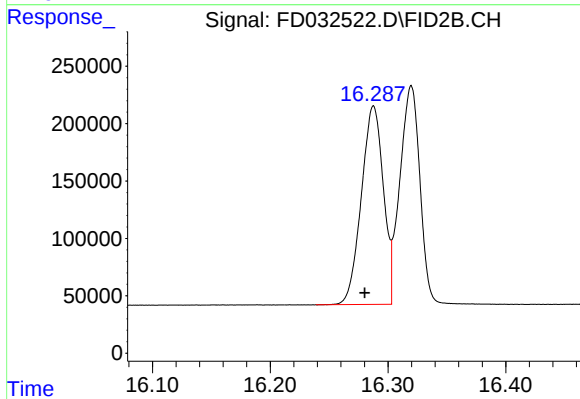
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.737 min
Delta R.T.: 0.006 min
Response: 2238573
Conc: 17.16 ug/ml



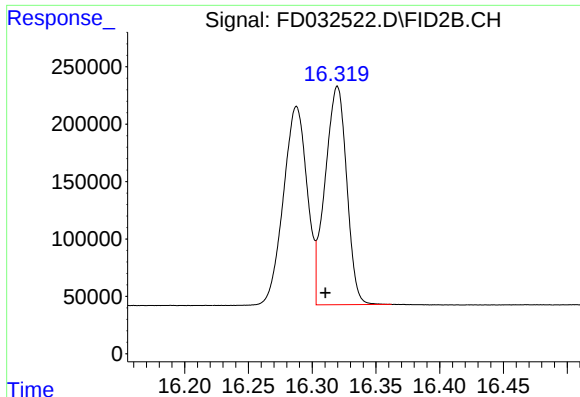
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: 0.007 min
Response: 2304364
Conc: 17.12 ug/ml



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

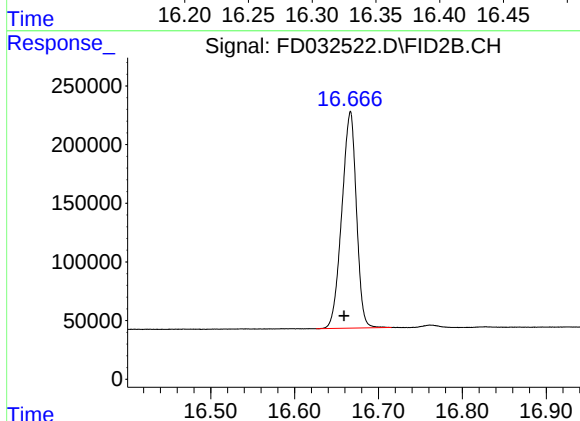
R.T.: 16.288 min
Delta R.T.: 0.008 min
Response: 2245623
Conc: 17.50 ug/ml



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

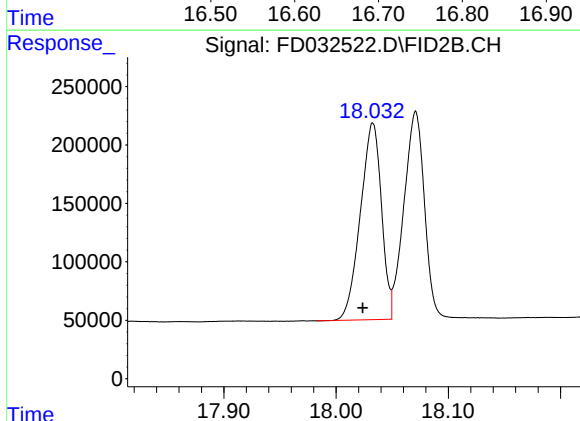
R.T.: 16.320 min
Delta R.T.: 0.009 min
Response: 2248437
Conc: 17.13 ug/ml

Instrument :
FID_D
ClientSampleId :
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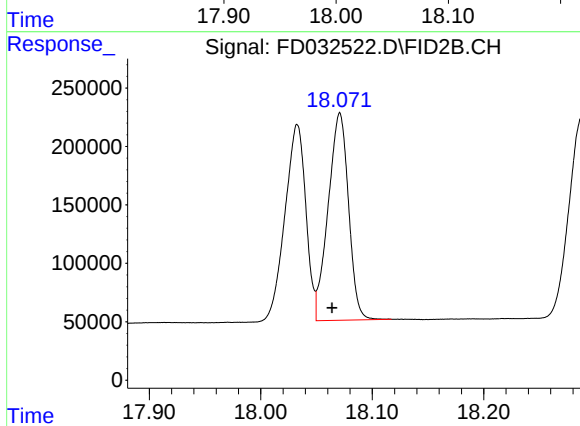
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: 0.008 min
Response: 2233020
Conc: 17.53 ug/ml



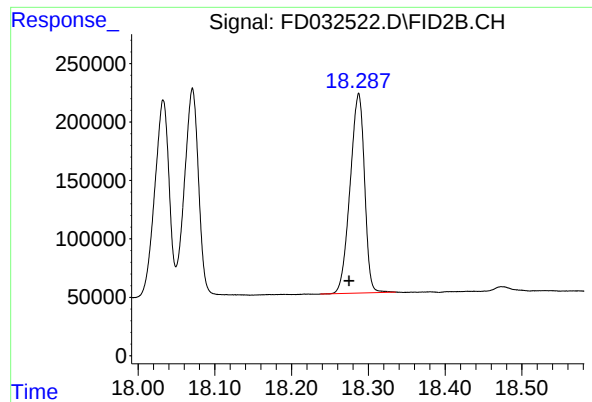
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: 0.009 min
Response: 2196013
Conc: 18.43 ug/ml



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

R.T.: 18.071 min
Delta R.T.: 0.007 min
Response: 2253912
Conc: 17.83 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.012 min
Response: 2222974
Conc: 18.80 ug/ml

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