

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012723AR\
 Data File : FD044909.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jan 2023 11:55
 Operator : YP/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: Jan 28 00:49:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.558	2901965	19.787 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.414	1965971	19.697 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.39%
11) S ortho-Terphenyl (SURR)	11.455	3674185	19.769 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	3167148	19.841 ug/ml
2) T Naphthalene (C11.7)	5.898	3364043	19.855 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	3376553	19.682 ug/ml
5) T Acenaphthylene (C15.06)	8.218	3102367	19.743 ug/ml
7) T Acenaphthene (C15.5)	8.514	3302503	19.862 ug/ml
8) T Flouorene (C16.55)	9.293	3218957	19.612 ug/ml
9) T Phenanthrene (C19.36)	10.683	3164952	19.575 ug/ml
10) T Anthracene (C19.43)	10.758	2805869	18.927 ug/ml
12) T Fluoranthene (C21.85)	12.489	3168050	19.795 ug/ml
13) T Pyrene (C20.8)	12.784	3096906	19.736 ug/ml
14) T Benzo[a]anthracene (C...	14.648	2739312	19.193 ug/ml
15) T Chrysene (C27.41)	14.691	2863362	19.339 ug/ml
16) T benzo[b]fluoranthene ...	16.193	2831542	19.519 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	2803063	19.661 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	2712619	19.412 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2619723	19.467 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2560839	19.324 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2689487	19.780 ug/ml

(f)=RT Delta > 1/2 Window

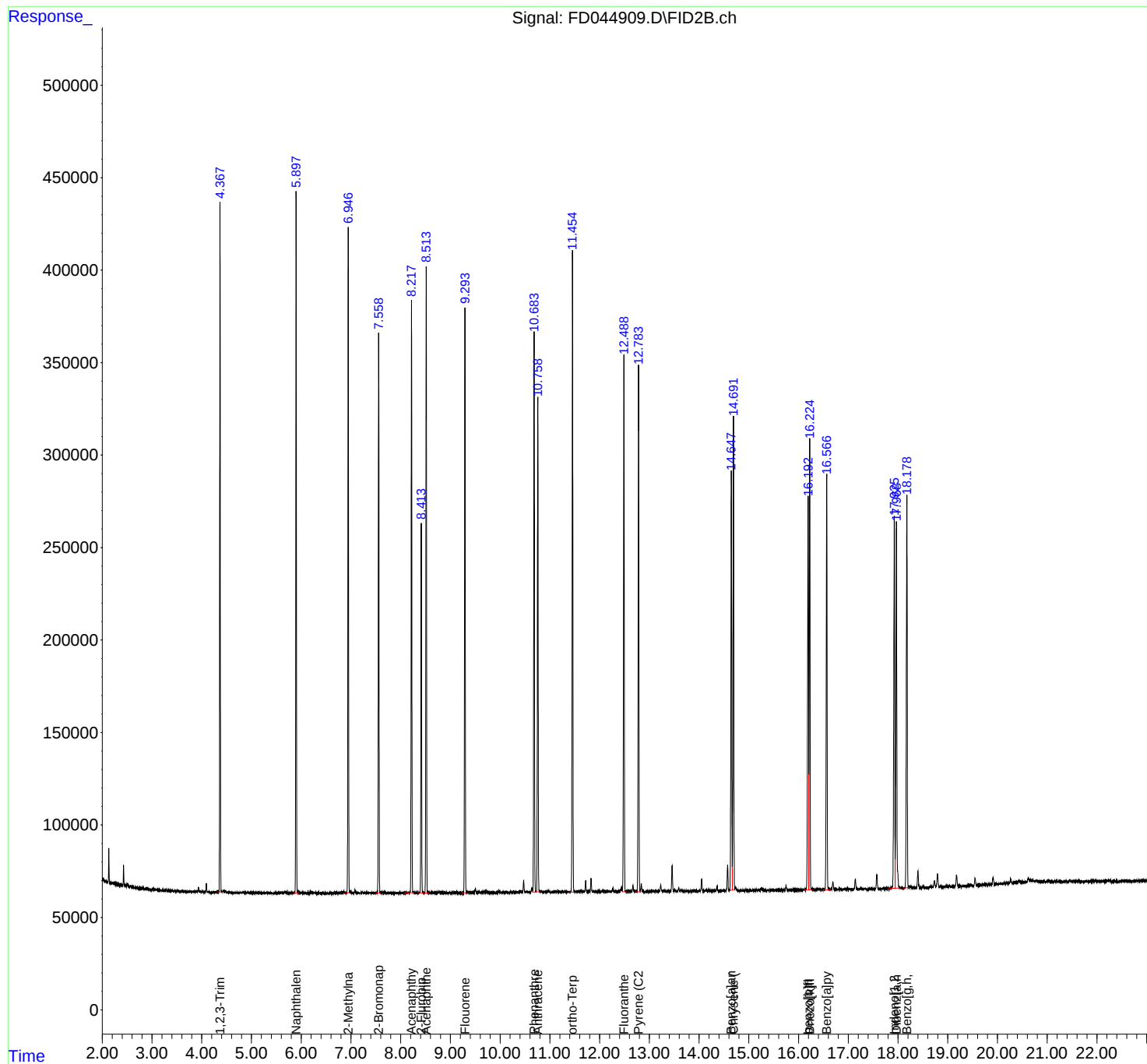
(m)=manual int.

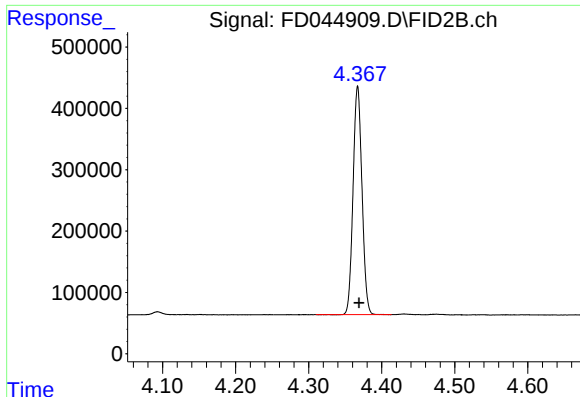
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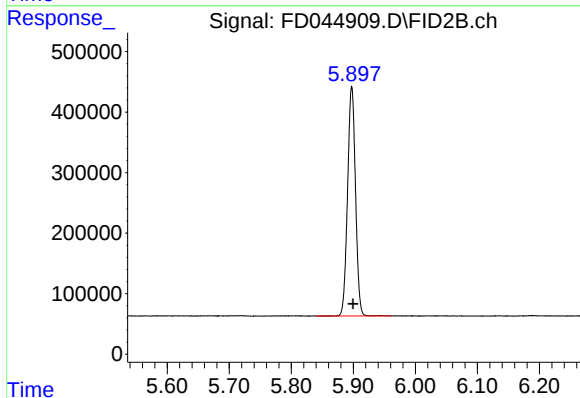




#1 1,2,3-Trimethylbenzene (C10.1)

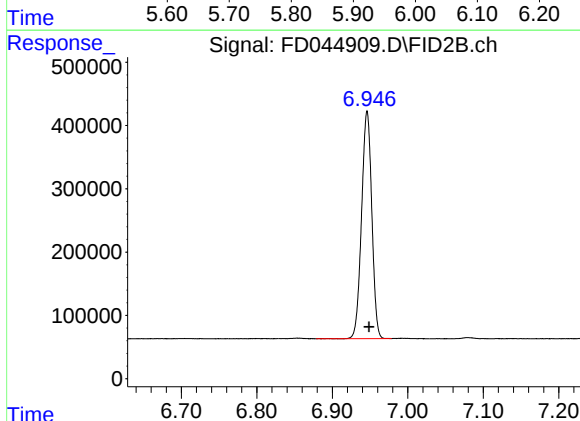
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 3167148
Conc: 19.84 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



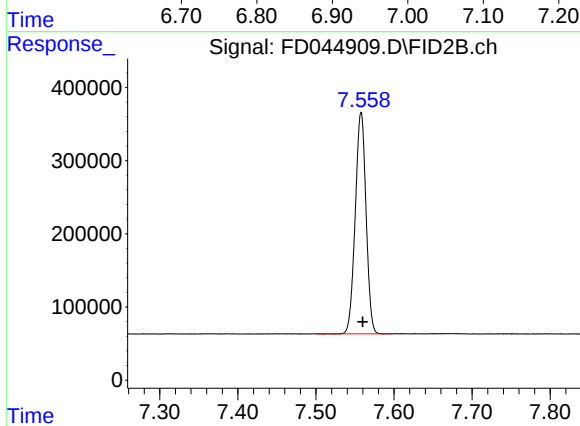
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 3364043
Conc: 19.85 ug/ml



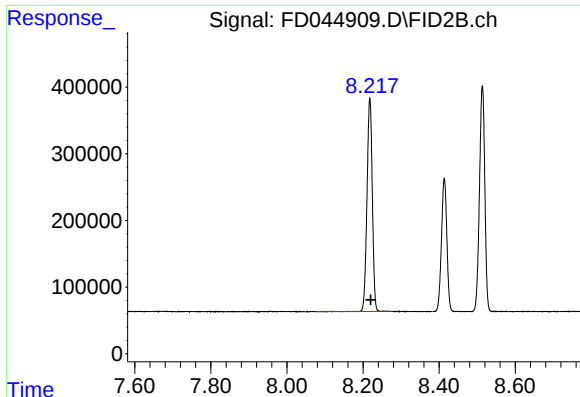
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 3376553
Conc: 19.68 ug/ml



#4 2-Bromonaphthalene (SURR)

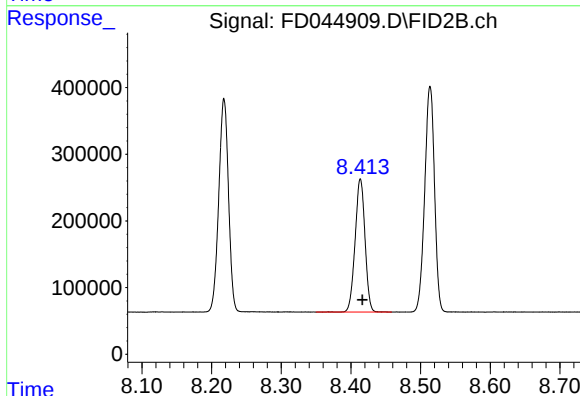
R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 2901965
Conc: 19.79 ug/ml



#5 Acenaphthylene (C15.06)

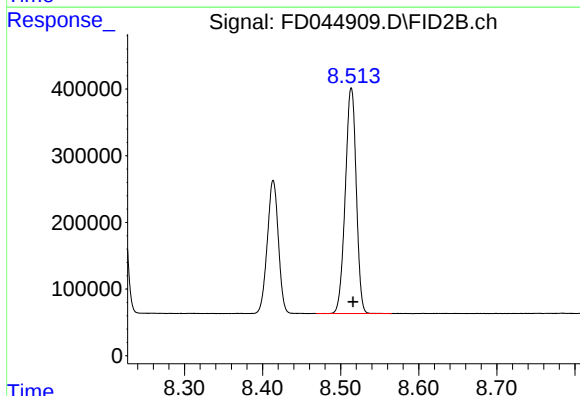
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 3102367
Conc: 19.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



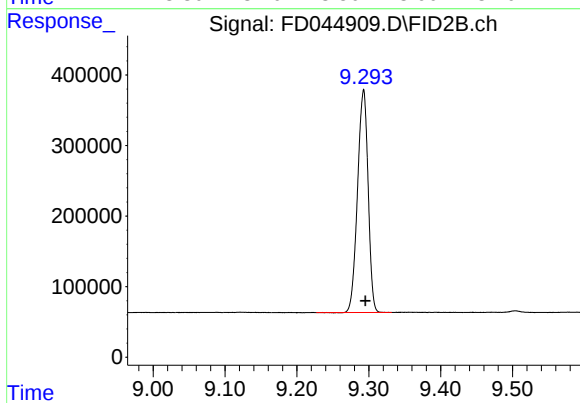
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 1965971
Conc: 19.70 ug/ml



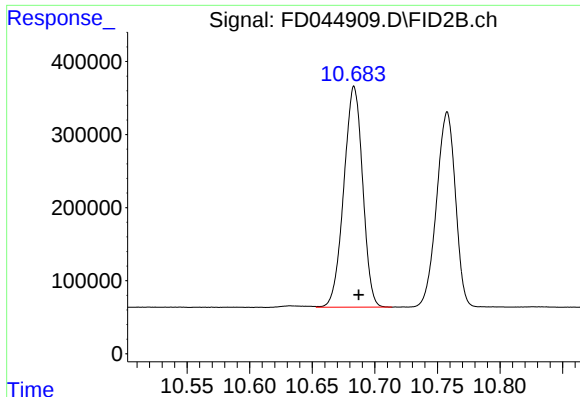
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 3302503
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

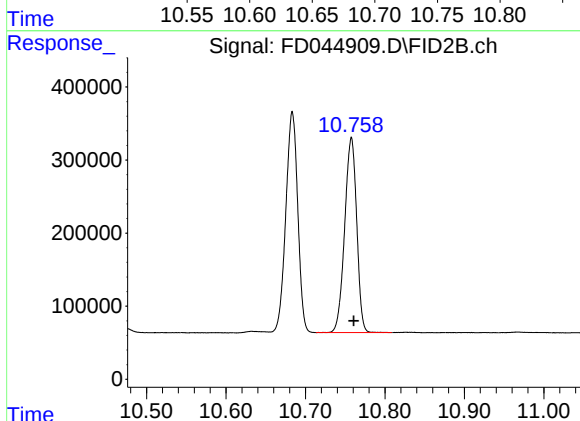
R.T.: 9.293 min
Delta R.T.: -0.003 min
Response: 3218957
Conc: 19.61 ug/ml



#9 Phenanthrene (C19.36)

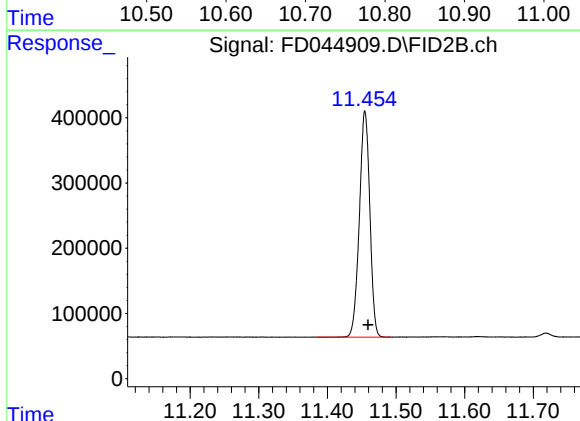
R.T.: 10.683 min
Delta R.T.: -0.004 min
Response: 3164952
Conc: 19.58 ug/ml

Instrument :
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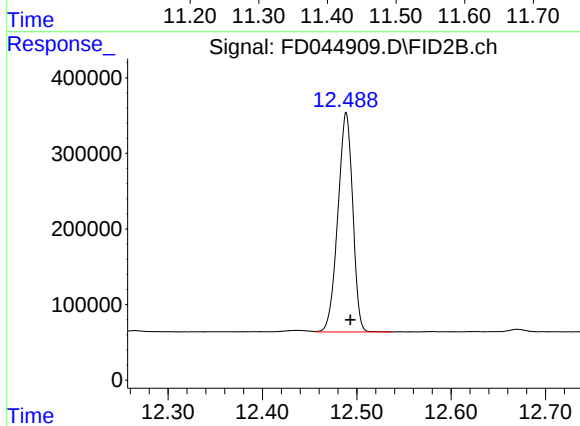
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 2805869
Conc: 18.93 ug/ml



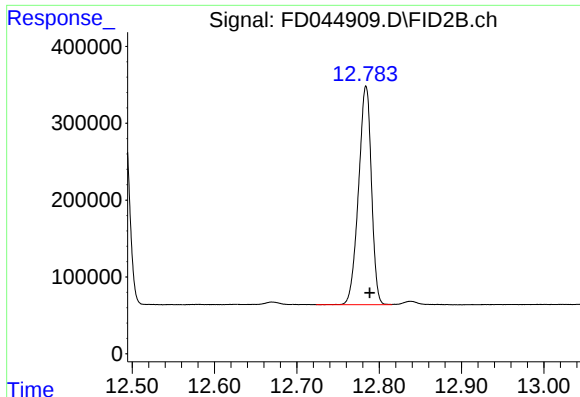
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 3674185
Conc: 19.77 ug/ml



#12 Fluoranthene (C21.85)

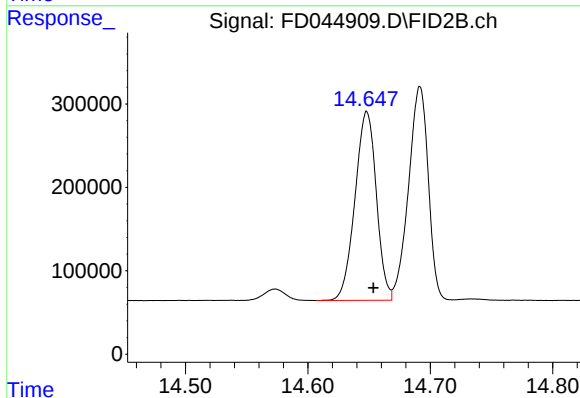
R.T.: 12.489 min
Delta R.T.: -0.005 min
Response: 3168050
Conc: 19.80 ug/ml



#13 Pyrene (C20.8)

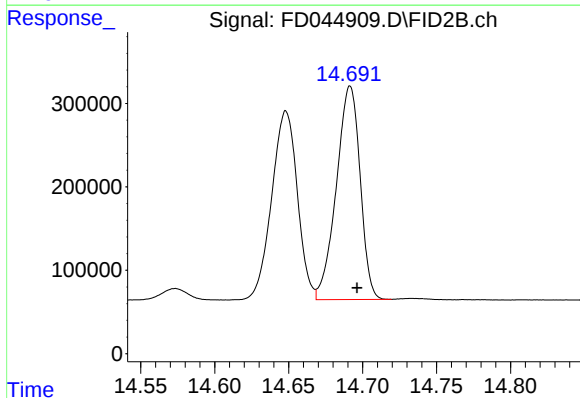
R.T.: 12.784 min
Delta R.T.: -0.005 min
Response: 3096906
Conc: 19.74 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



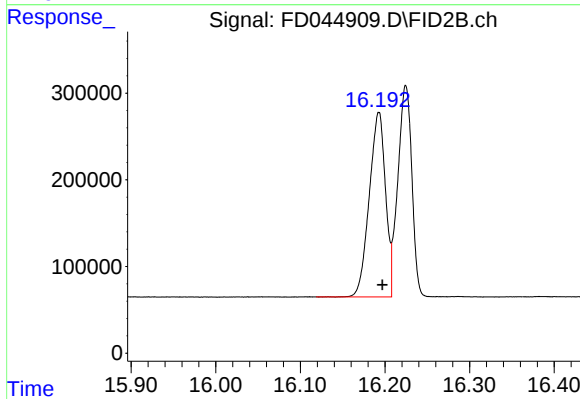
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.005 min
Response: 2739312
Conc: 19.19 ug/ml



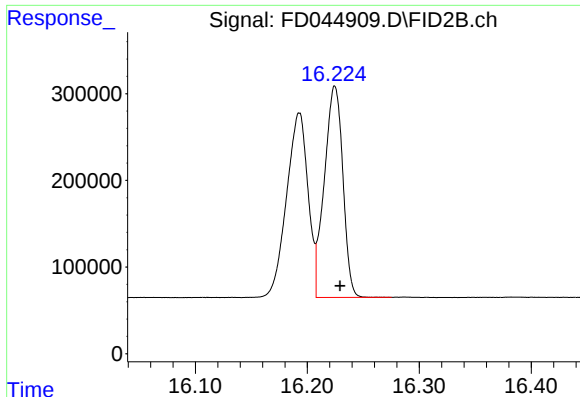
#15 Chrysene (C27.41)

R.T.: 14.691 min
Delta R.T.: -0.005 min
Response: 2863362
Conc: 19.34 ug/ml



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

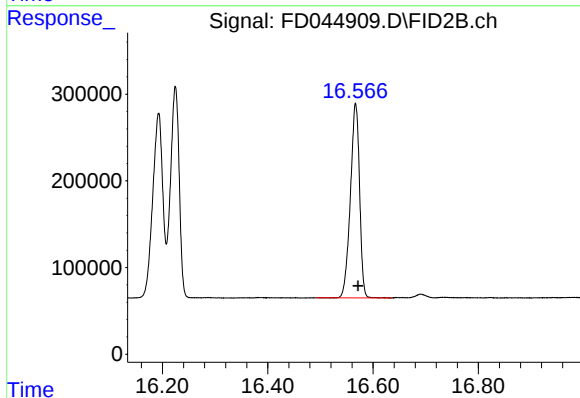
R.T.: 16.193 min
Delta R.T.: -0.005 min
Response: 2831542
Conc: 19.52 ug/ml



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

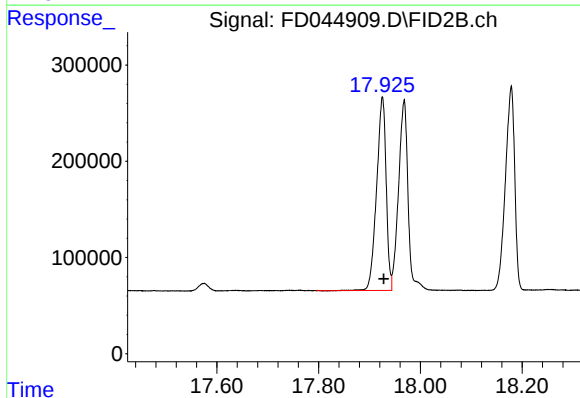
R.T.: 16.225 min
Delta R.T.: -0.005 min
Response: 2803063
Conc: 19.66 ug/ml

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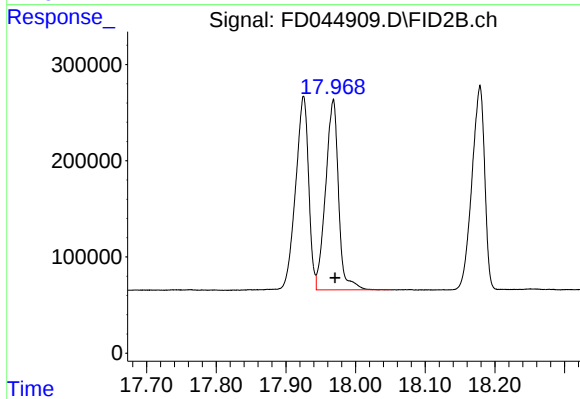
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.005 min
Response: 2712619
Conc: 19.41 ug/ml



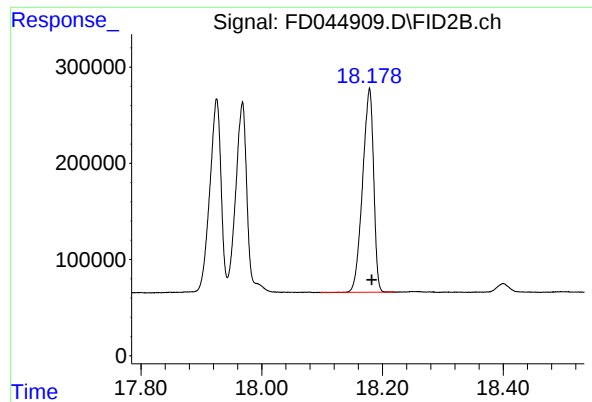
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.003 min
Response: 2619723
Conc: 19.47 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.003 min
Response: 2560839
Conc: 19.32 ug/ml



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

R.T.: 18.178 min
Delta R.T.: -0.004 min
Response: 2689487
Conc: 19.78 ug/ml

Instrument :

FID_D

ClientSampleId :

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