

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014229.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 15:06
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 14 15:55:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 15:49:59 2024
 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...	7.905	5539142	51.525 ug/ml
Spiked Amount 50.000		Recovery =	103.05%
6) S 2-Fluorobiphenyl (SURR)	8.776	3399449	52.110 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.22%
11) S ortho-Terphenyl (SURR)	11.841	6879420	50.701 ug/ml
Spiked Amount 50.000		Recovery =	101.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.519	5960110	50.742 ug/ml
2) T Naphthalene (C11.7)	6.183	6098701	51.249 ug/ml
3) T 2-Methylnaphthalene (...)	7.277	5871666	51.464 ug/ml
5) T Acenaphthylene (C15.06)	8.576	5756629	51.205 ug/ml
7) T Acenaphthene (C15.5)	8.877	6332621	50.969 ug/ml
8) T Flouorene (C16.55)	9.665	5630196	51.713 ug/ml
9) T Phenanthrene (C19.36)	11.068	5419787	51.509 ug/ml
10) T Anthracene (C19.43)	11.142	4705193	51.737 ug/ml
12) T Fluoranthene (C21.85)	12.889	5763868	51.029 ug/ml
13) T Pyrene (C20.8)	13.186	5569450	51.047 ug/ml
14) T Benzo[a]anthracene (C...	15.065	4368076	52.421 ug/ml
15) T Chrysene (C27.41)	15.109	5260302	50.926 ug/ml
16) T benzo[b]fluoranthene ...	16.626	5364058	51.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.659	5540688	51.005 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.006	5341474	51.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.379	5171496	52.129 ug/ml
20) T Dibenz[a,h]anthracene...	18.417	5244822	51.582 ug/ml
21) T Benzo[g,h,i]perylene ...	18.638	6117451	50.962 ug/ml

(f)=RT Delta > 1/2 Window

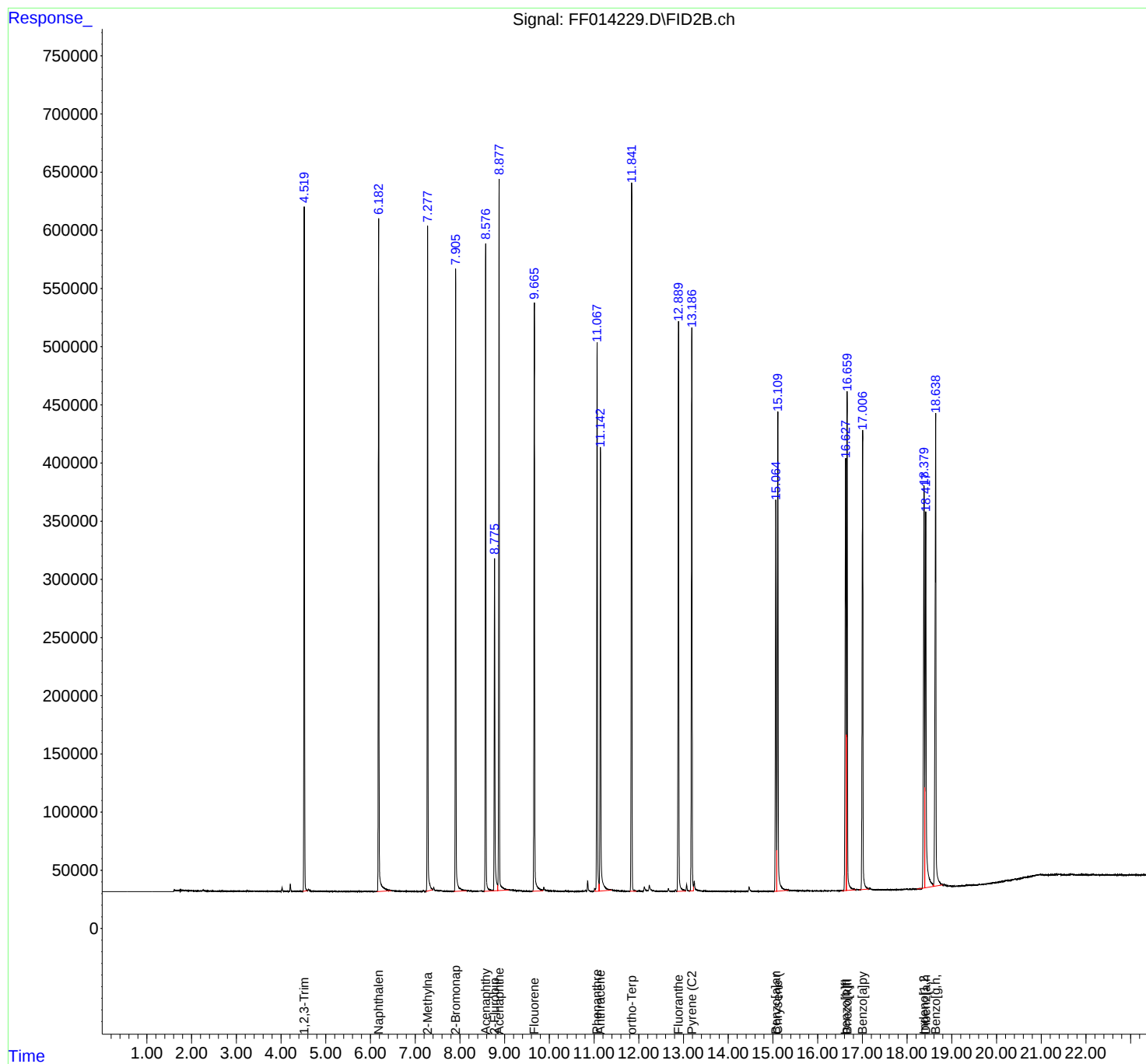
(m)=manual int.

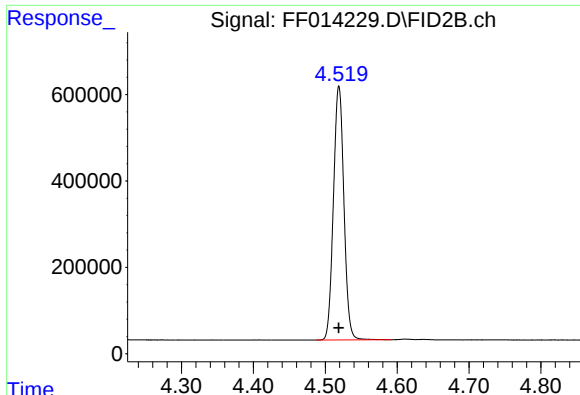
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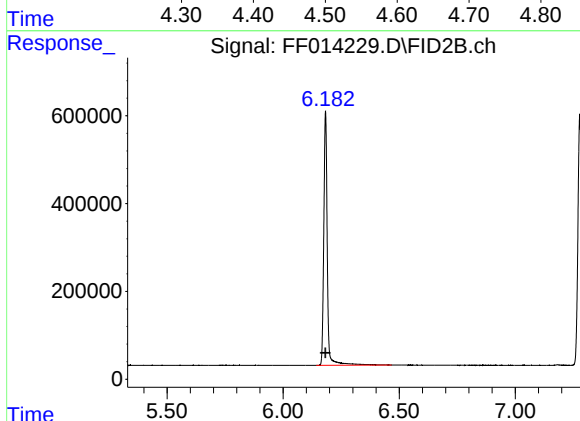




#1 1,2,3-Trimethylbenzene (C10.1)

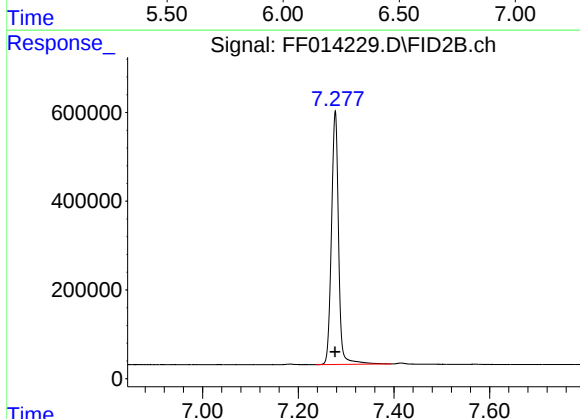
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 5960110
Conc: 50.74 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



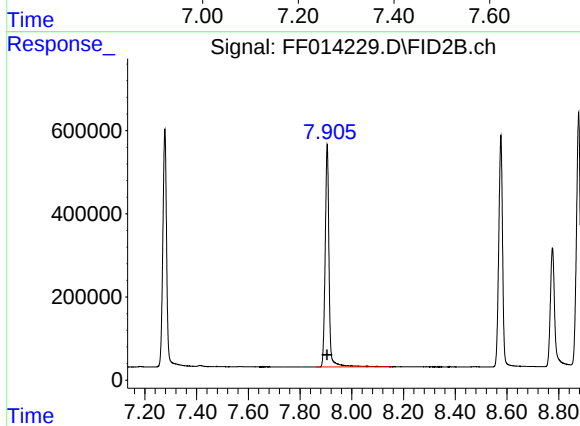
#2 Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 6098701
Conc: 51.25 ug/ml



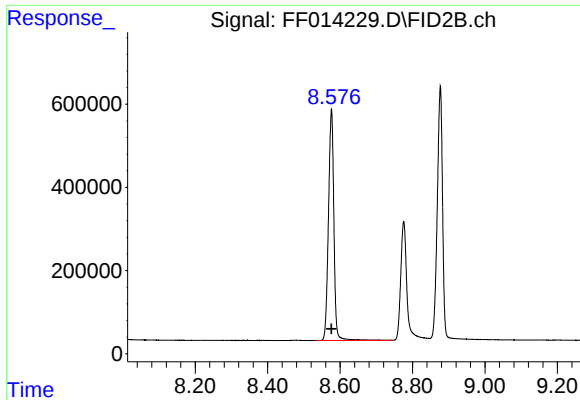
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 5871666
Conc: 51.46 ug/ml



#4 2-Bromonaphthalene (SURR)

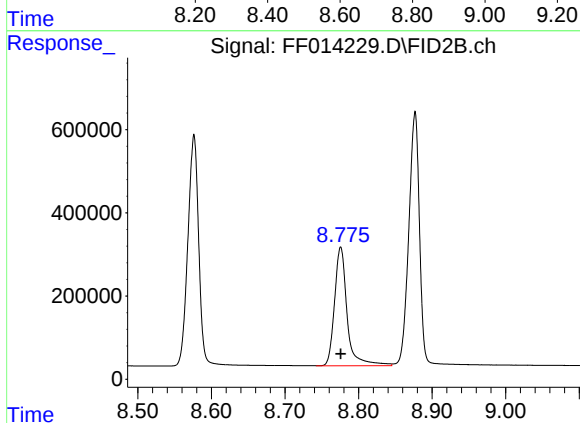
R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 5539142
Conc: 51.53 ug/ml



#5 Acenaphthylene (C15.06)

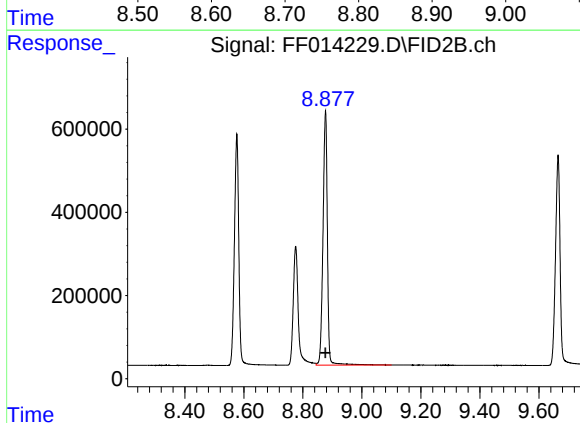
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 5756629
Conc: 51.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



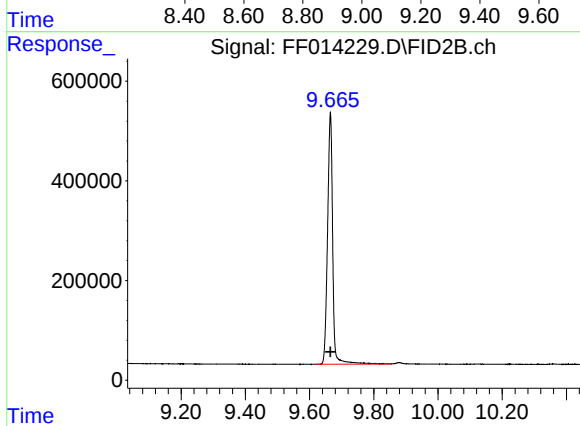
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.776 min
Delta R.T.: 0.000 min
Response: 3399449
Conc: 52.11 ug/ml



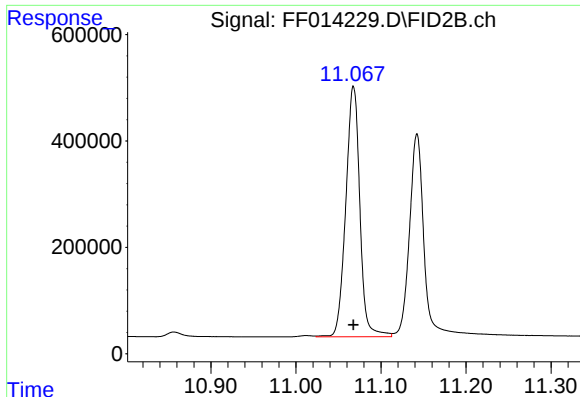
#7 Acenaphthene (C15.5)

R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 6332621
Conc: 50.97 ug/ml



#8 Flouorene (C16.55)

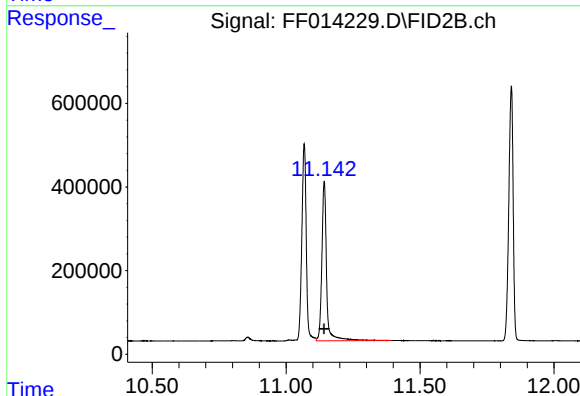
R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 5630196
Conc: 51.71 ug/ml



#9 Phenanthrene (C19.36)

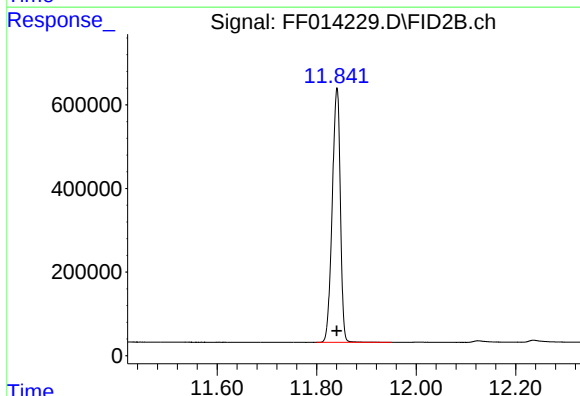
R.T.: 11.068 min
Delta R.T.: 0.000 min
Response: 5419787
Conc: 51.51 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



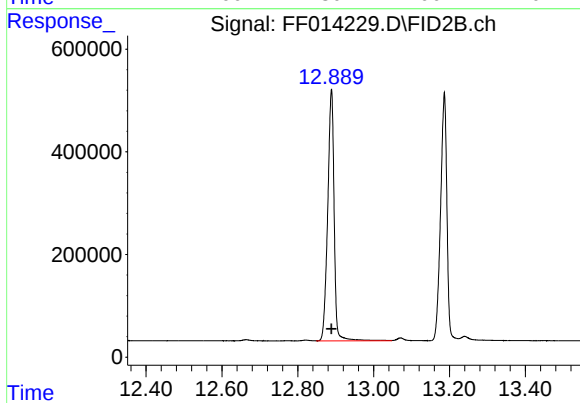
#10 Anthracene (C19.43)

R.T.: 11.142 min
Delta R.T.: 0.000 min
Response: 4705193
Conc: 51.74 ug/ml



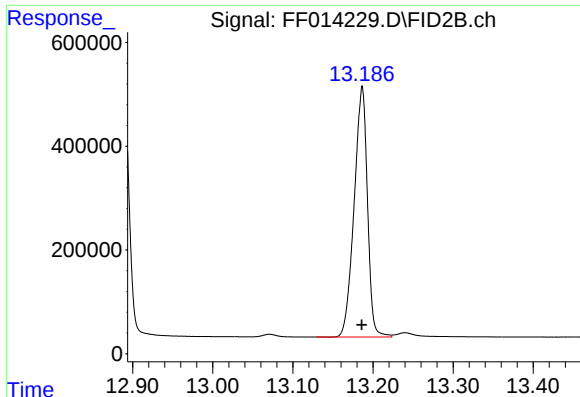
#11 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 6879420
Conc: 50.70 ug/ml



#12 Fluoranthene (C21.85)

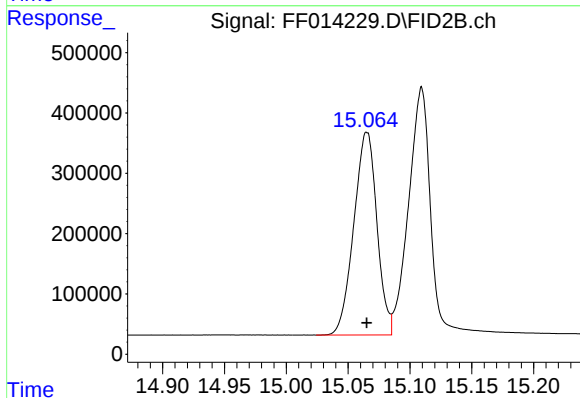
R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 5763868
Conc: 51.03 ug/ml



#13 Pyrene (C20.8)

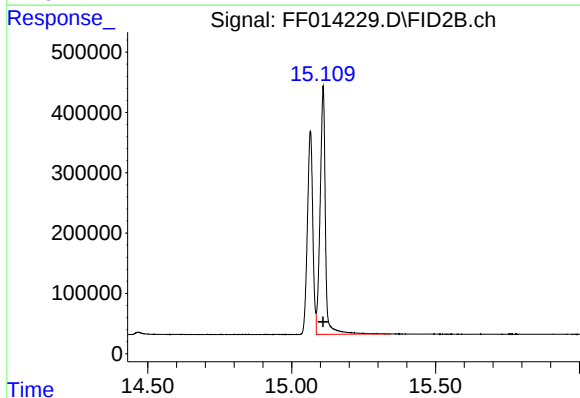
R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 5569450
Conc: 51.05 ug/ml

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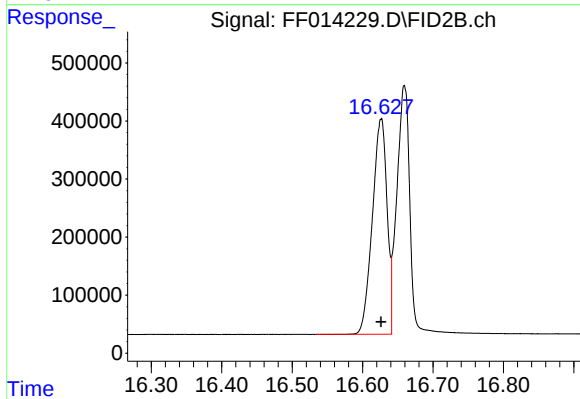
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: 0.000 min
Response: 4368076
Conc: 52.42 ug/ml



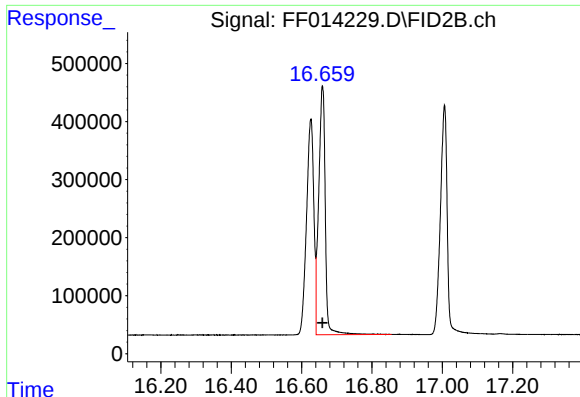
#15 Chrysene (C27.41)

R.T.: 15.109 min
Delta R.T.: 0.000 min
Response: 5260302
Conc: 50.93 ug/ml



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

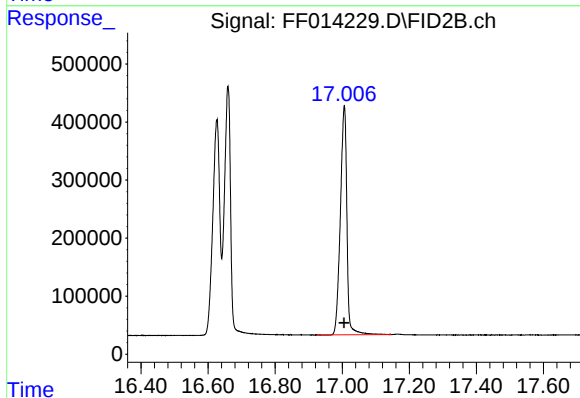
R.T.: 16.626 min
Delta R.T.: 0.000 min
Response: 5364058
Conc: 51.38 ug/ml



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

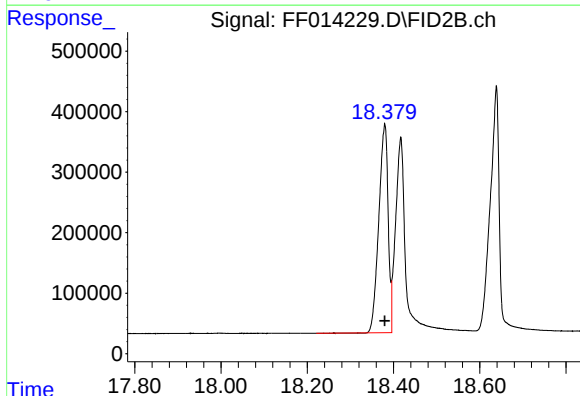
R.T.: 16.659 min
Delta R.T.: 0.000 min
Response: 5540688
Conc: 51.01 ug/ml

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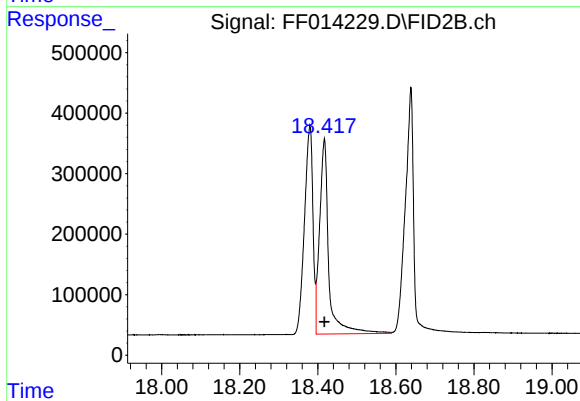
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.006 min
Delta R.T.: 0.000 min
Response: 5341474
Conc: 51.28 ug/ml



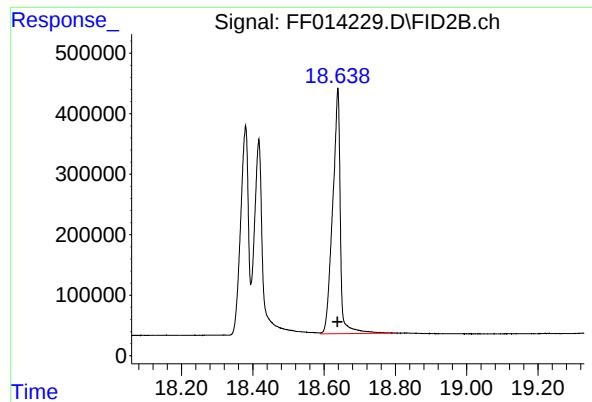
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.379 min
Delta R.T.: 0.000 min
Response: 5171496
Conc: 52.13 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.000 min
Response: 5244822
Conc: 51.58 ug/ml



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

R.T.: 18.638 min
Delta R.T.: 0.000 min
Response: 6117451
Conc: 50.96 ug/ml

Instrument :
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ClientSampleId :
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