

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045348.D
 Signal(s) : FID2B.ch
 Acq On : 25 Mar 2023 05:34
 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: Mar 25 06:07:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.548	2873983	21.178 ug/ml
Spiked Amount 50.000		Recovery =	42.36%
6) S 2-Fluorobiphenyl (SURR)	8.404	1899778	21.218 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.44%
11) S ortho-Terphenyl (SURR)	11.444	3619283	21.743 ug/ml
Spiked Amount 50.000		Recovery =	43.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.359	3235557	21.364 ug/ml
2) T Naphthalene (C11.7)	5.889	3361457	21.278 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	3370627	21.210 ug/ml
5) T Acenaphthylene (C15.06)	8.208	3044952	21.236 ug/ml
7) T Acenaphthene (C15.5)	8.504	3248057	21.429 ug/ml
8) T Fluorene (C16.55)	9.282	3140247	21.329 ug/ml
9) T Phenanthrene (C19.36)	10.673	3062850	21.452 ug/ml
10) T Anthracene (C19.43)	10.747	2867182	20.461 ug/ml
12) T Fluoranthene (C21.85)	12.478	3032833	21.711 ug/ml
13) T Pyrene (C20.8)	12.773	2964152	21.767 ug/ml
14) T Benzo[a]anthracene (C...	14.637	2718558	21.326 ug/ml
15) T Chrysene (C27.41)	14.680	2789594	21.404 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2775767	21.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2746466	21.757 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2690408	21.376 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	2572693	21.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	2617420	21.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	2660884	21.386 ug/ml

(f)=RT Delta > 1/2 Window

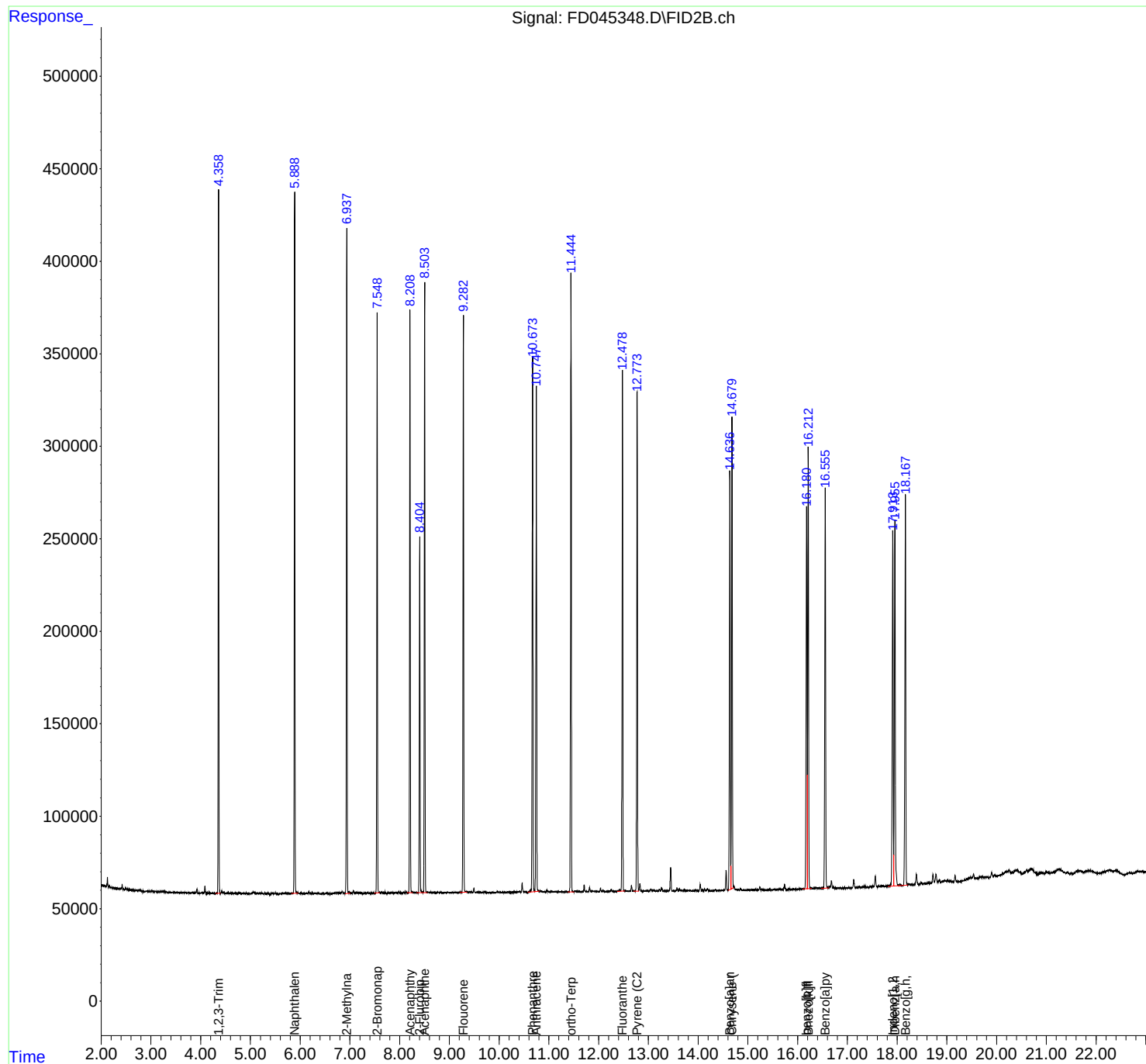
(m)=manual int.

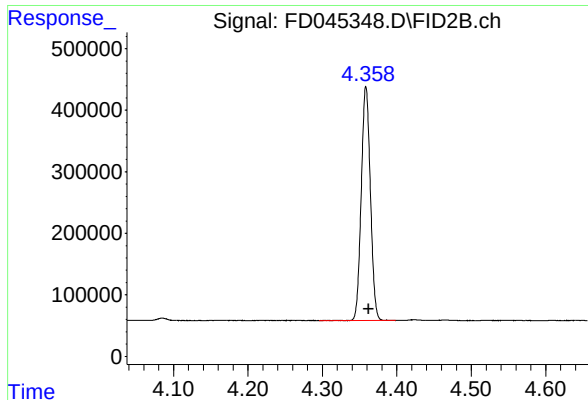
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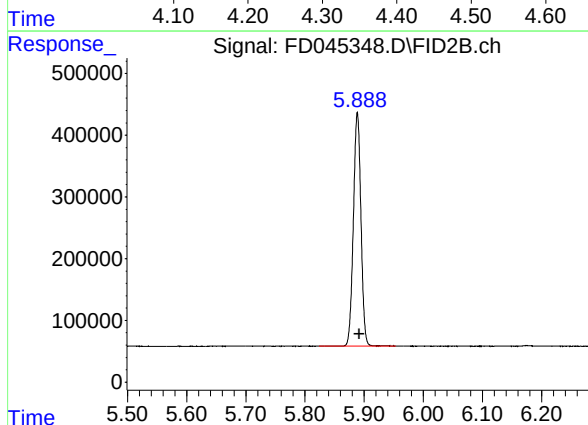




#1 1,2,3-Trimethylbenzene (C10.1)

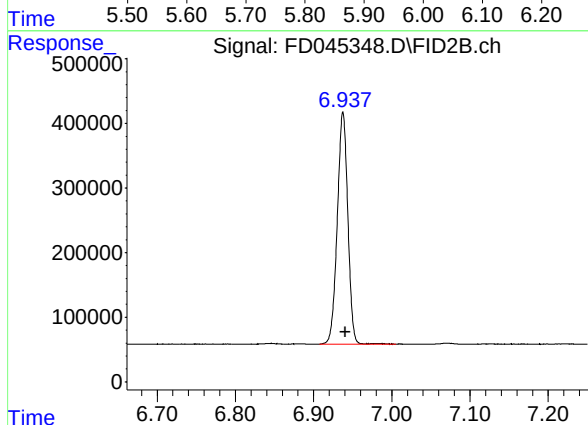
R.T.: 4.359 min
Delta R.T.: -0.003 min
Response: 3235557
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



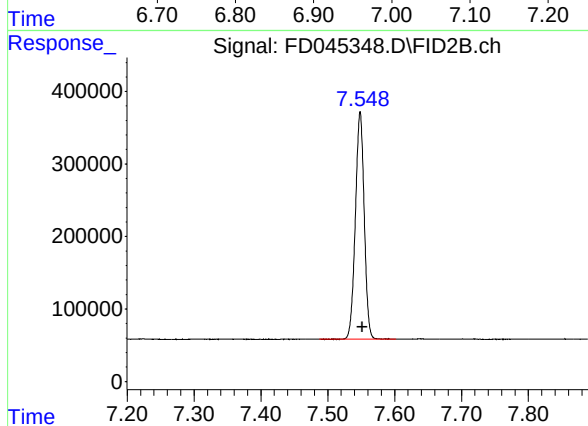
#2 Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 3361457
Conc: 21.28 ug/ml



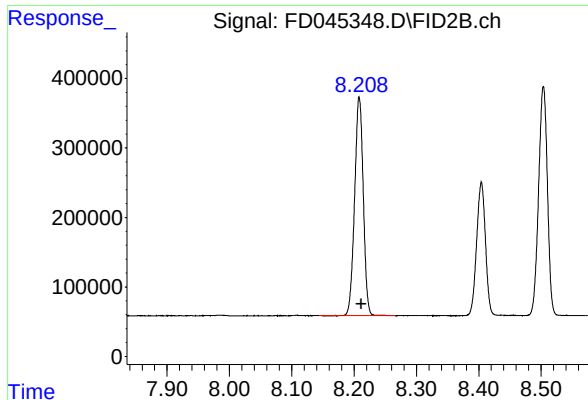
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 3370627
Conc: 21.21 ug/ml



#4 2-Bromonaphthalene (SURR)

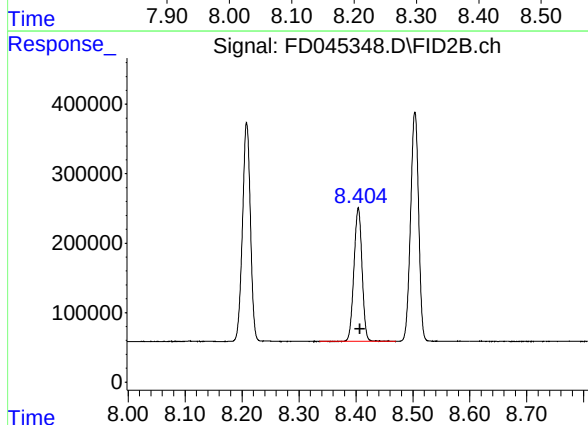
R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 2873983
Conc: 21.18 ug/ml



#5 Acenaphthylene (C15.06)

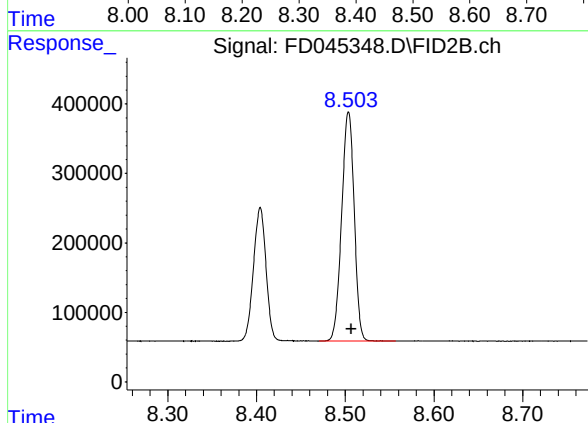
R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 3044952
Conc: 21.24 ug/ml

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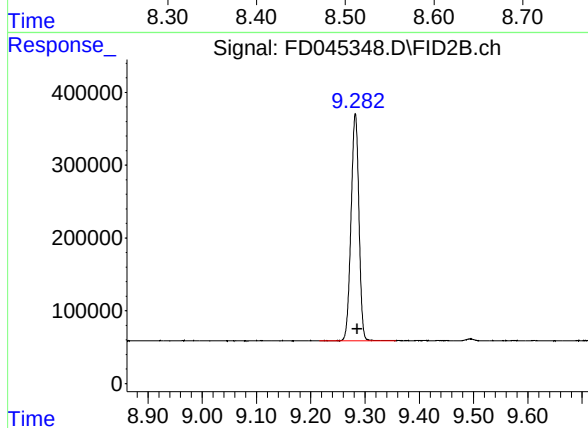
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 1899778
Conc: 21.22 ug/ml



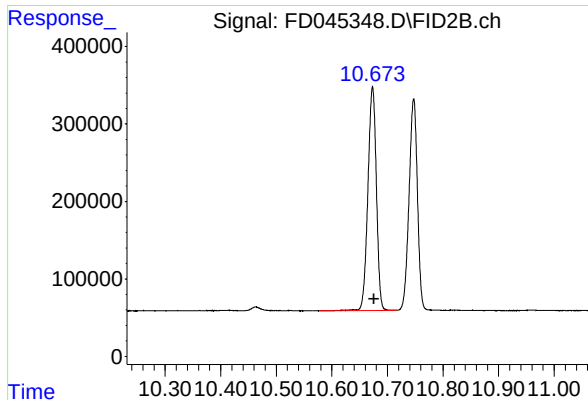
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 3248057
Conc: 21.43 ug/ml



#8 Flouorene (C16.55)

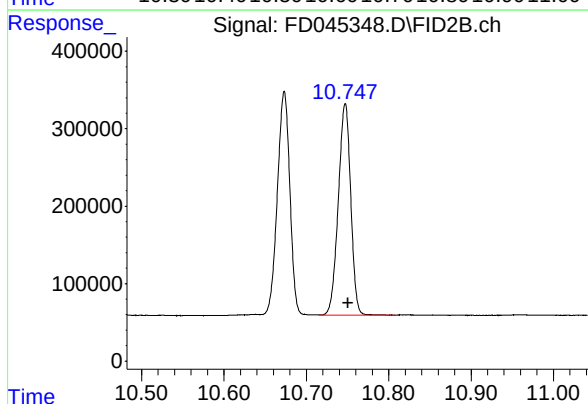
R.T.: 9.282 min
Delta R.T.: -0.003 min
Response: 3140247
Conc: 21.33 ug/ml



#9 Phenanthrene (C19.36)

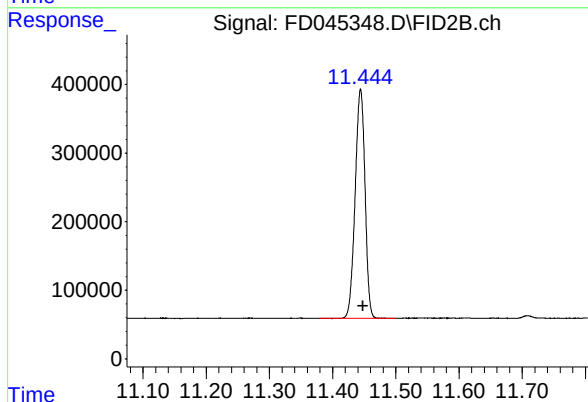
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 3062850
Conc: 21.45 ug/ml

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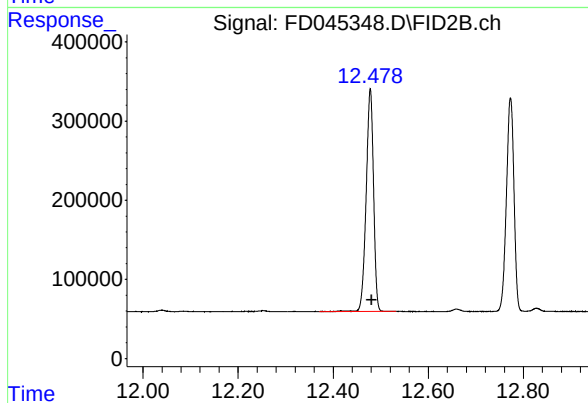
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: -0.003 min
Response: 2867182
Conc: 20.46 ug/ml



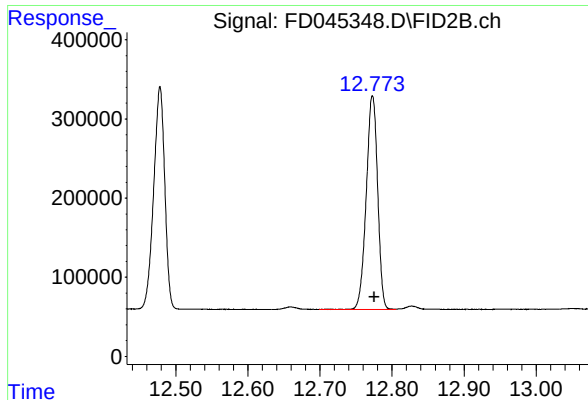
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.004 min
Response: 3619283
Conc: 21.74 ug/ml



#12 Fluoranthene (C21.85)

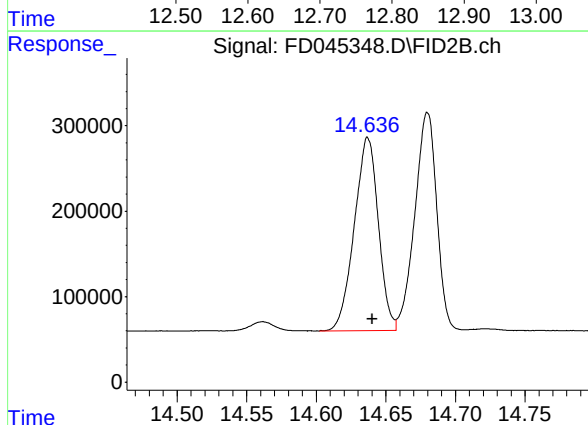
R.T.: 12.478 min
Delta R.T.: -0.003 min
Response: 3032833
Conc: 21.71 ug/ml



#13 Pyrene (C20.8)

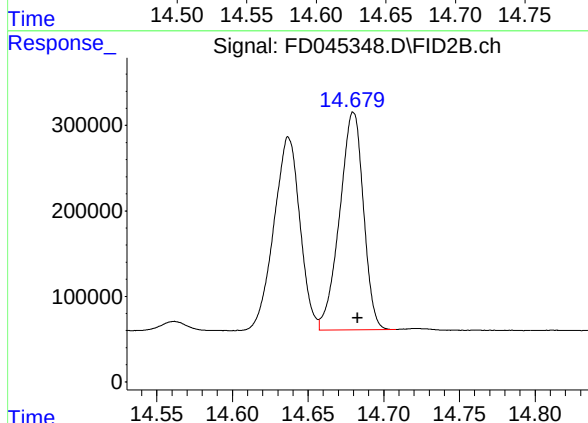
R.T.: 12.773 min
Delta R.T.: -0.003 min
Response: 2964152
Conc: 21.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



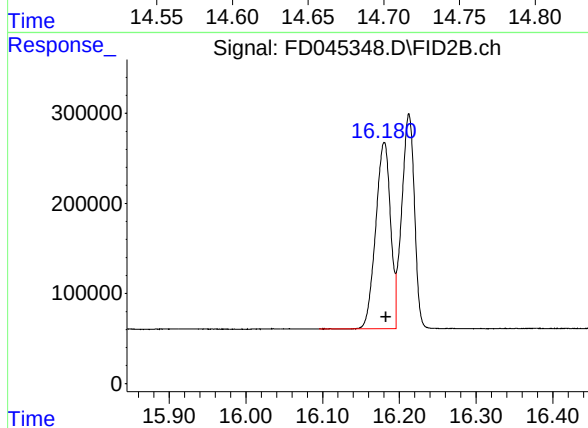
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: -0.003 min
Response: 2718558
Conc: 21.33 ug/ml



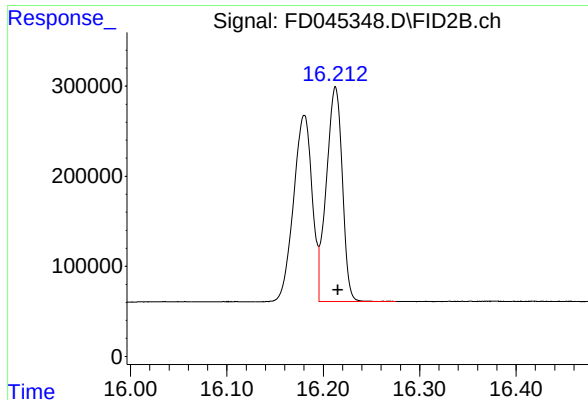
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: -0.003 min
Response: 2789594
Conc: 21.40 ug/ml



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

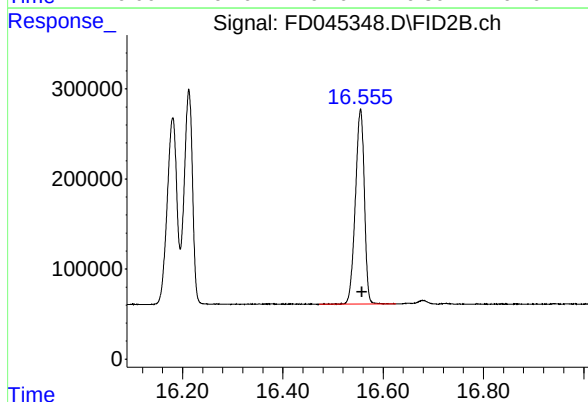
R.T.: 16.180 min
Delta R.T.: -0.002 min
Response: 2775767
Conc: 21.53 ug/ml



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

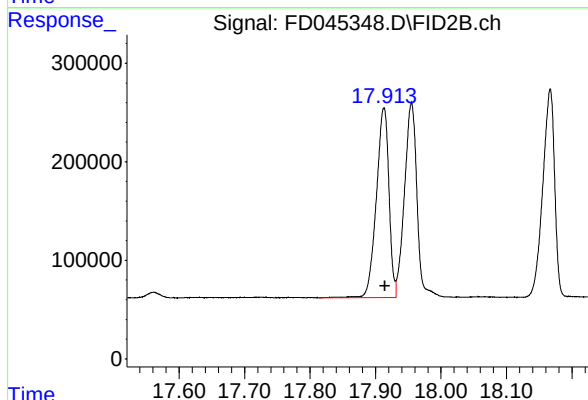
R.T.: 16.212 min
Delta R.T.: -0.003 min
Response: 2746466
Conc: 21.76 ug/ml

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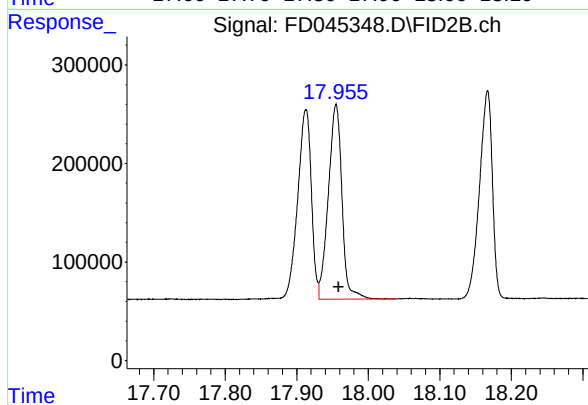
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.003 min
Response: 2690408
Conc: 21.38 ug/ml



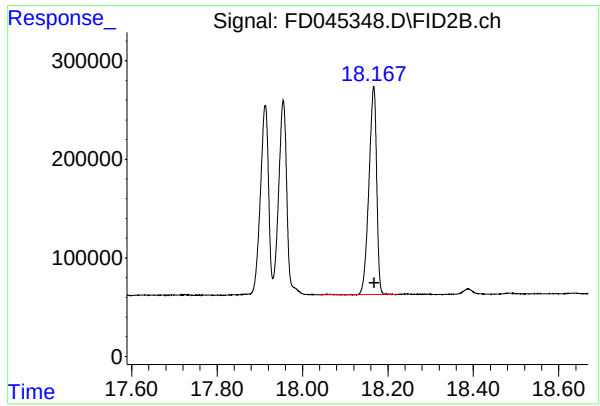
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: -0.002 min
Response: 2572693
Conc: 21.51 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.004 min
Response: 2617420
Conc: 21.70 ug/ml



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

R.T.: 18.166 min

Delta R.T.: -0.002 min

Response: 2660884

Conc: 21.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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