

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048952.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 12:59
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 25 03:40:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.358	2932581	20.605 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
6) S 2-Fluorobiphenyl (SURR)	8.209	1829031	21.496 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.99%
11) S ortho-Terphenyl (SURR)	11.240	3344167	20.335 ug/ml
Spiked Amount 50.000		Recovery =	40.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	3179440	20.626 ug/ml
2) T Naphthalene (C11.7)	5.698	3232048	20.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3234145	20.848 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3337994	20.411 ug/ml
7) T Acenaphthene (C15.5)	8.302	3370898	20.069 ug/ml
8) T Fluorene (C16.55)	9.082	3246093	20.751 ug/ml
9) T Phenanthrene (C19.36)	10.469	3144377	20.646 ug/ml
10) T Anthracene (C19.43)	10.546	3162926	20.764 ug/ml
12) T Fluoranthene (C21.85)	12.274	3250856	20.667 ug/ml
13) T Pyrene (C20.8)	12.566	3182889	20.204 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2846363	22.120 ug/ml
15) T Chrysene (C27.41)	14.477	3345791	19.786 ug/ml
16) T benzo[b]fluoranthene ...	15.983	2954133	21.621 ug/ml
17) T Bnezo[k]fluoranthene ...	16.014	3191213	19.704 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2768573	19.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2104755	20.181 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	3063290	21.458 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2923338	20.495 ug/ml

(f)=RT Delta > 1/2 Window

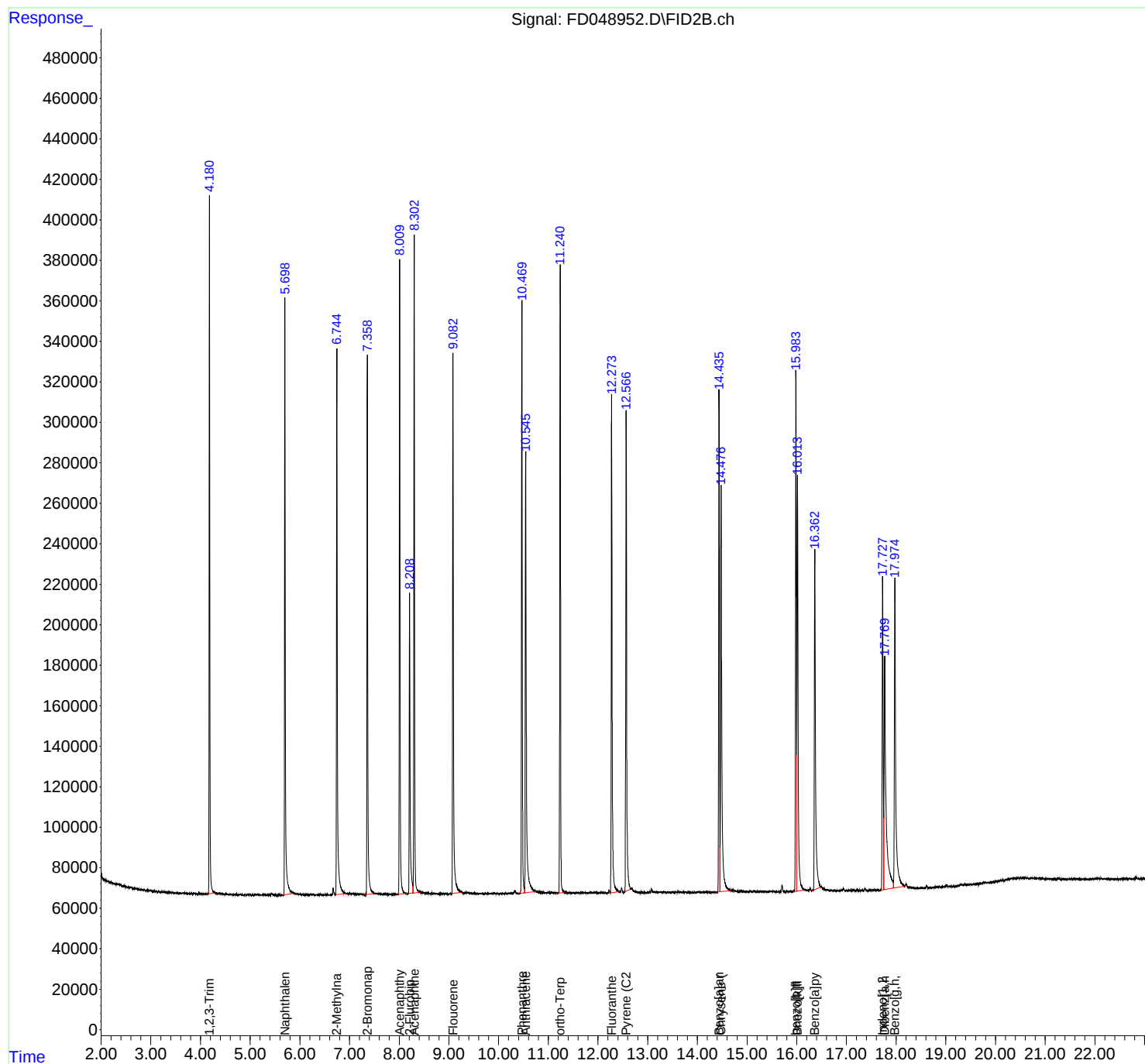
(m)=manual int.

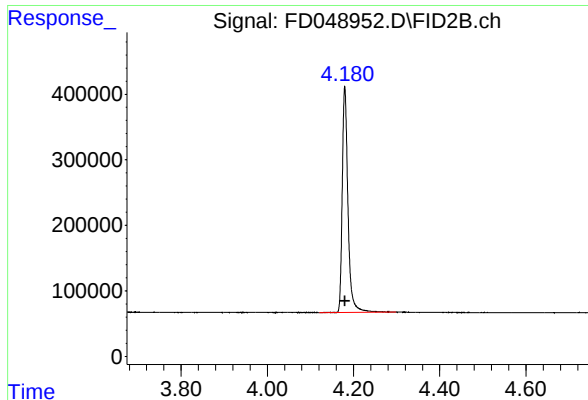
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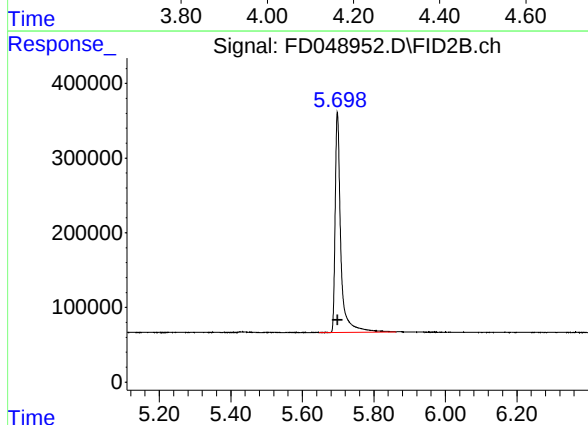




#1 1,2,3-Trimethylbenzene (C10.1)

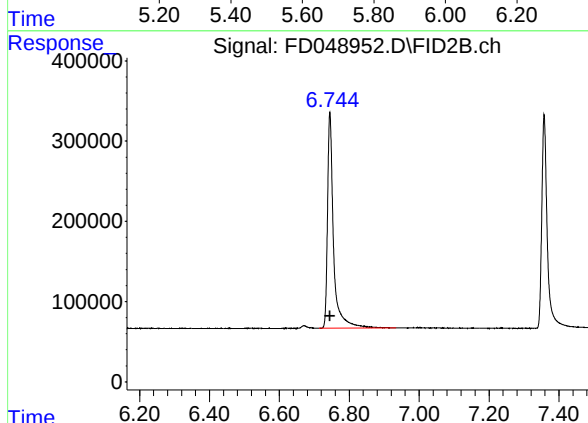
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 3179440
Conc: 20.63 ug/ml

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20 PPM AROMATIC HC STD



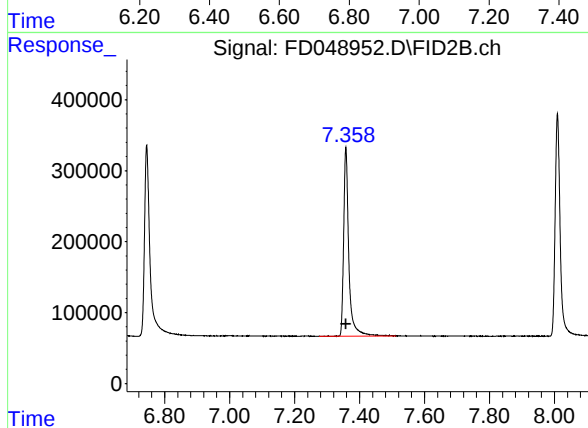
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3232048
Conc: 20.68 ug/ml



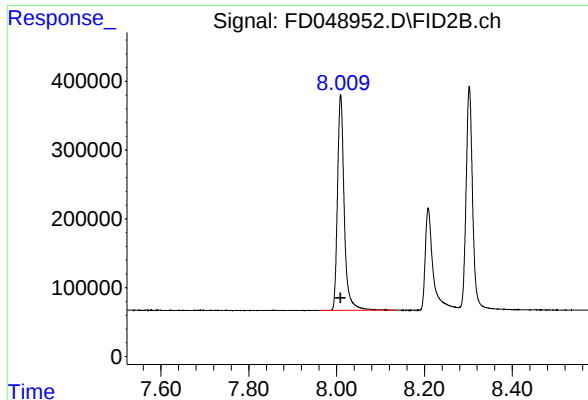
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3234145
Conc: 20.85 ug/ml



#4 2-Bromonaphthalene (SURR)

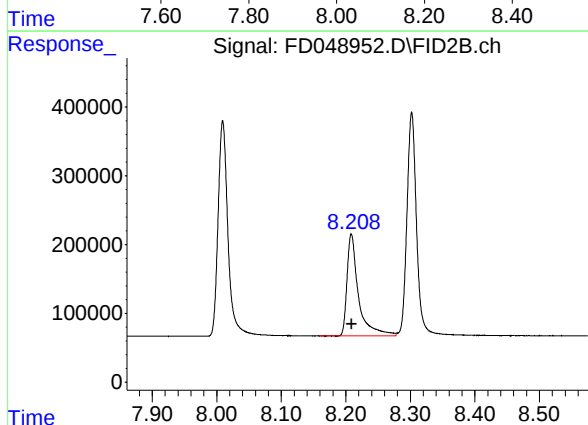
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 2932581
Conc: 20.61 ug/ml



#5 Acenaphthylene (C15.06)

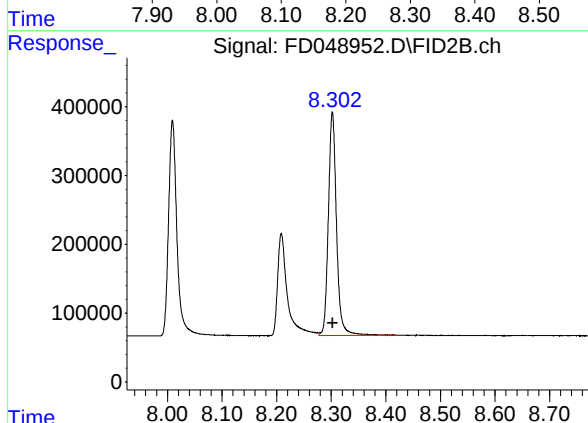
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3337994
Conc: 20.41 ug/ml

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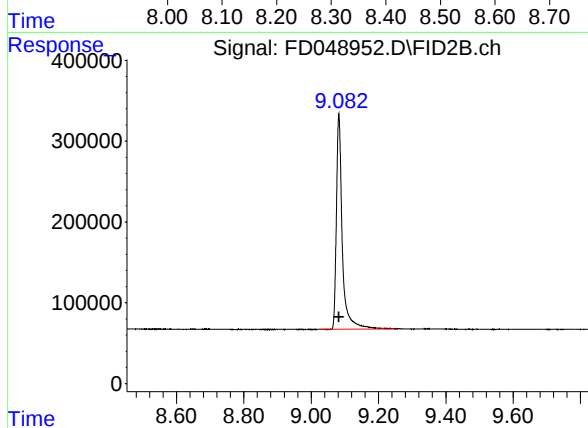
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 1829031
Conc: 21.50 ug/ml



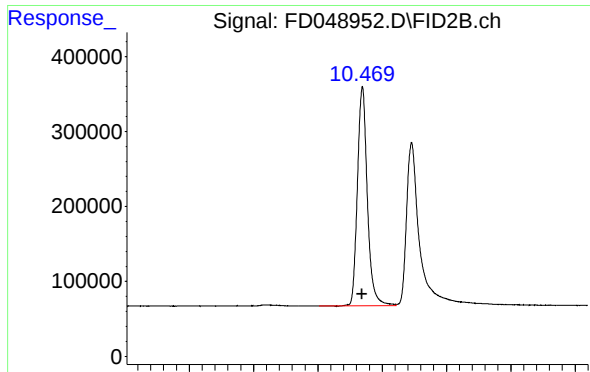
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3370898
Conc: 20.07 ug/ml



#8 Flouorene (C16.55)

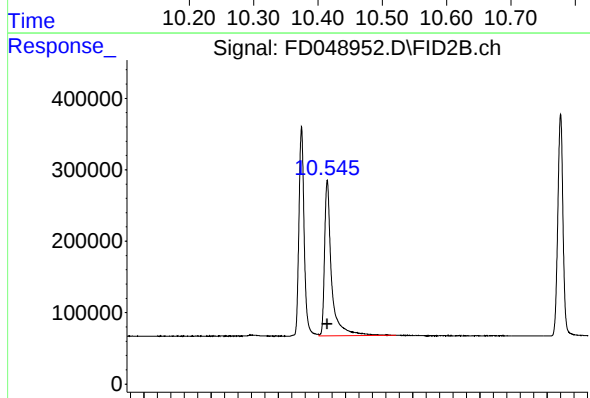
R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 3246093
Conc: 20.75 ug/ml



#9 Phenanthrene (C19.36)

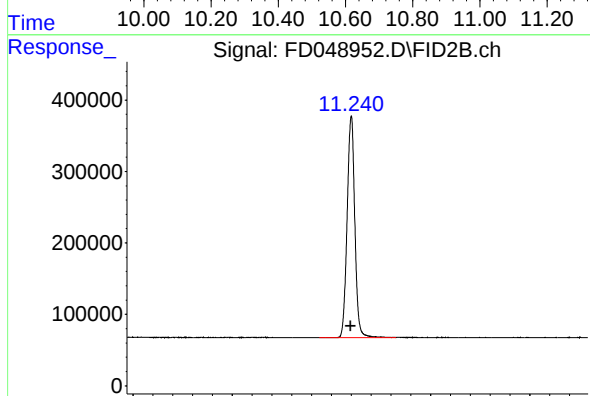
R.T.: 10.469 min
Delta R.T.: 0.000 min
Response: 3144377
Conc: 20.65 ug/ml

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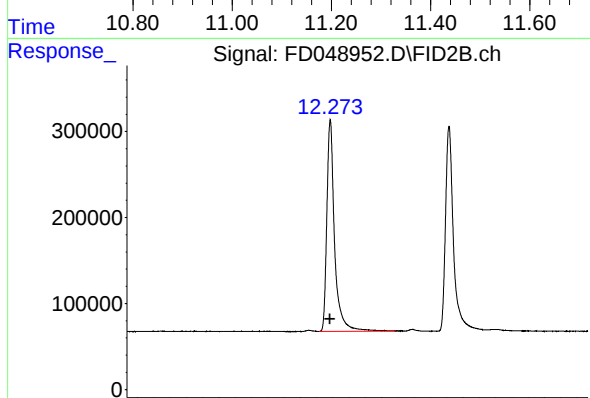
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 3162926
Conc: 20.76 ug/ml



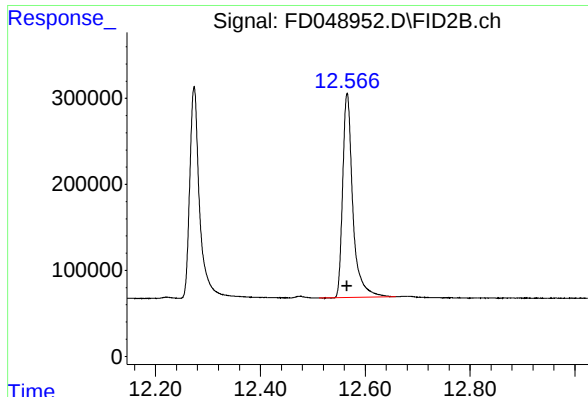
#11 ortho-Terphenyl (SURRE)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 3344167
Conc: 20.34 ug/ml



#12 Fluoranthene (C21.85)

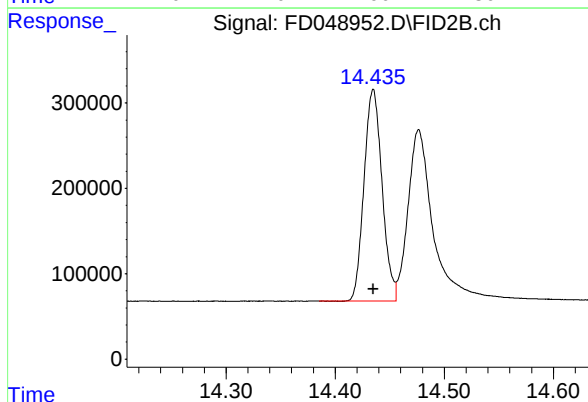
R.T.: 12.274 min
Delta R.T.: 0.000 min
Response: 3250856
Conc: 20.67 ug/ml



#13 Pyrene (C20.8)

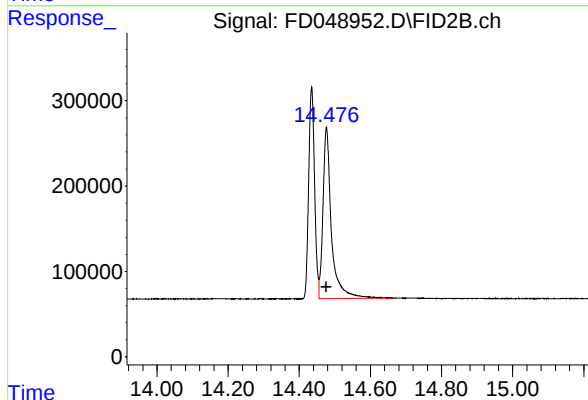
R.T.: 12.566 min
Delta R.T.: 0.000 min
Response: 3182889
Conc: 20.20 ug/ml

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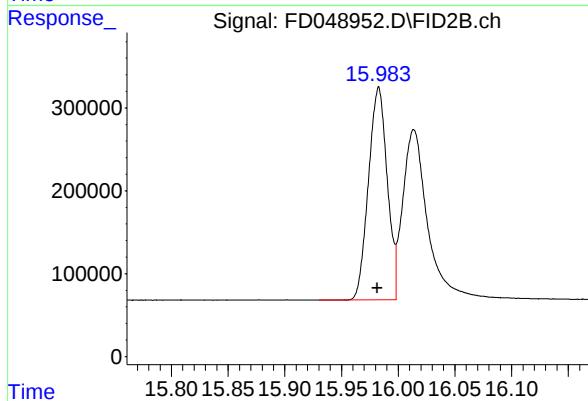
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.000 min
Response: 2846363
Conc: 22.12 ug/ml



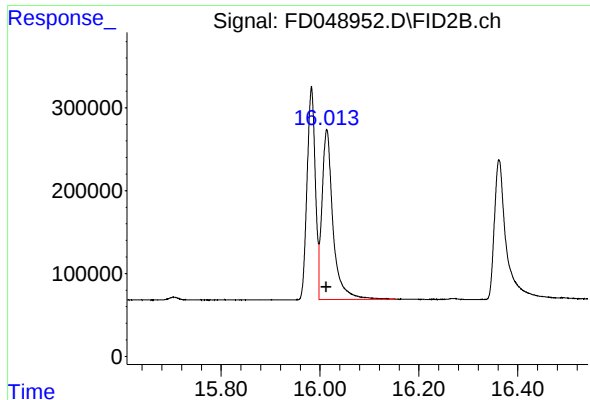
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: 0.000 min
Response: 3345791
Conc: 19.79 ug/ml



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

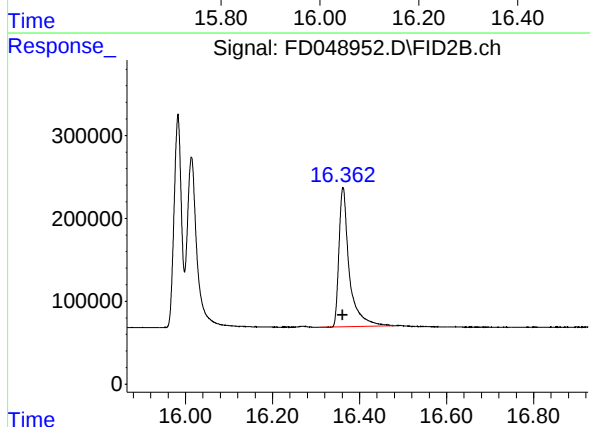
R.T.: 15.983 min
Delta R.T.: 0.001 min
Response: 2954133
Conc: 21.62 ug/ml



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

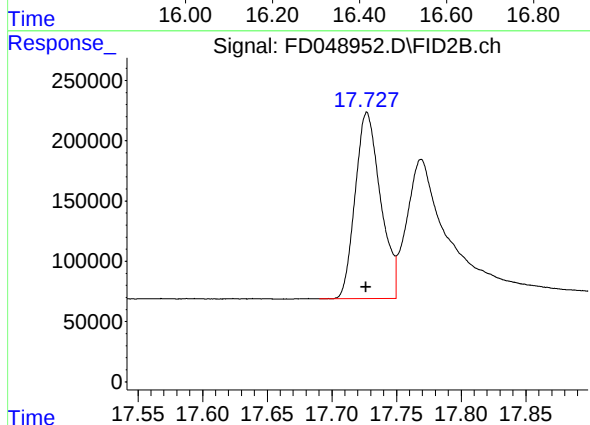
R.T.: 16.014 min
Delta R.T.: 0.000 min
Response: 3191213
Conc: 19.70 ug/ml

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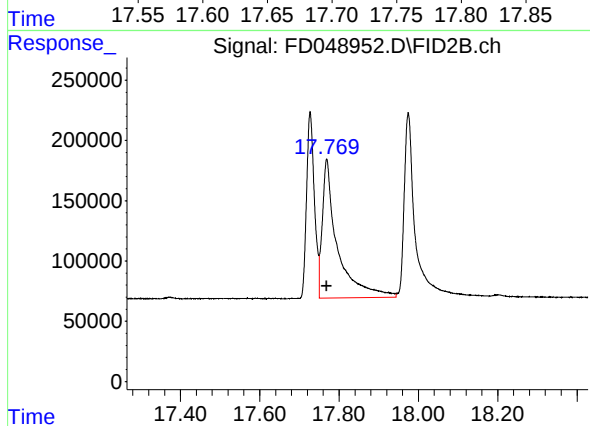
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2768573
Conc: 19.89 ug/ml



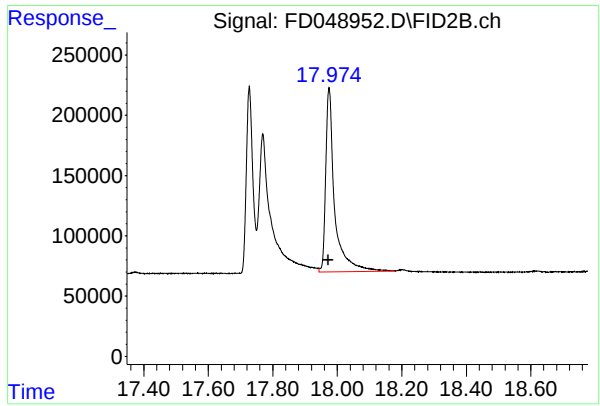
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 2104755
Conc: 20.18 ug/ml



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

R.T.: 17.769 min
Delta R.T.: 0.000 min
Response: 3063290
Conc: 21.46 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.002 min
Response: 2923338
Conc: 20.49 ug/ml

Instrument :

FID_D

ClientSampleId :

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