

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048330.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 20:13
 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: Sep 19 05:11:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.387	3182419	20.984 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
6) S 2-Fluorobiphenyl (SURR)	8.239	1979119	20.713 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.273	3575356	20.839 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.208	3745709	21.233 ug/ml
2) T Naphthalene (C11.7)	5.728	3785379	20.932 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	3712212	20.749 ug/ml
5) T Acenaphthylene (C15.06)	8.041	3617237	20.704 ug/ml
7) T Acenaphthene (C15.5)	8.334	3732385	20.986 ug/ml
8) T Fluorene (C16.55)	9.114	3481087	20.789 ug/ml
9) T Phenanthrene (C19.36)	10.500	3330648	20.630 ug/ml
10) T Anthracene (C19.43)	10.576	2923779	18.374 ug/ml
12) T Fluoranthene (C21.85)	12.304	3309579	20.415 ug/ml
13) T Pyrene (C20.8)	12.597	3271572	20.404 ug/ml
14) T Benzo[a]anthracene (C...	14.466	2839878	20.274 ug/ml
15) T Chrysene (C27.41)	14.507	3310021	20.095 ug/ml
16) T benzo[b]fluoranthene ...	16.011	3001720	20.203 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	3152941	20.472 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.387	2938987	19.864 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	1847475	16.350 ug/ml
20) T Dibenz[a,h]anthracene...	17.792	2872338	18.821 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	2682587	18.199 ug/ml

(f)=RT Delta > 1/2 Window

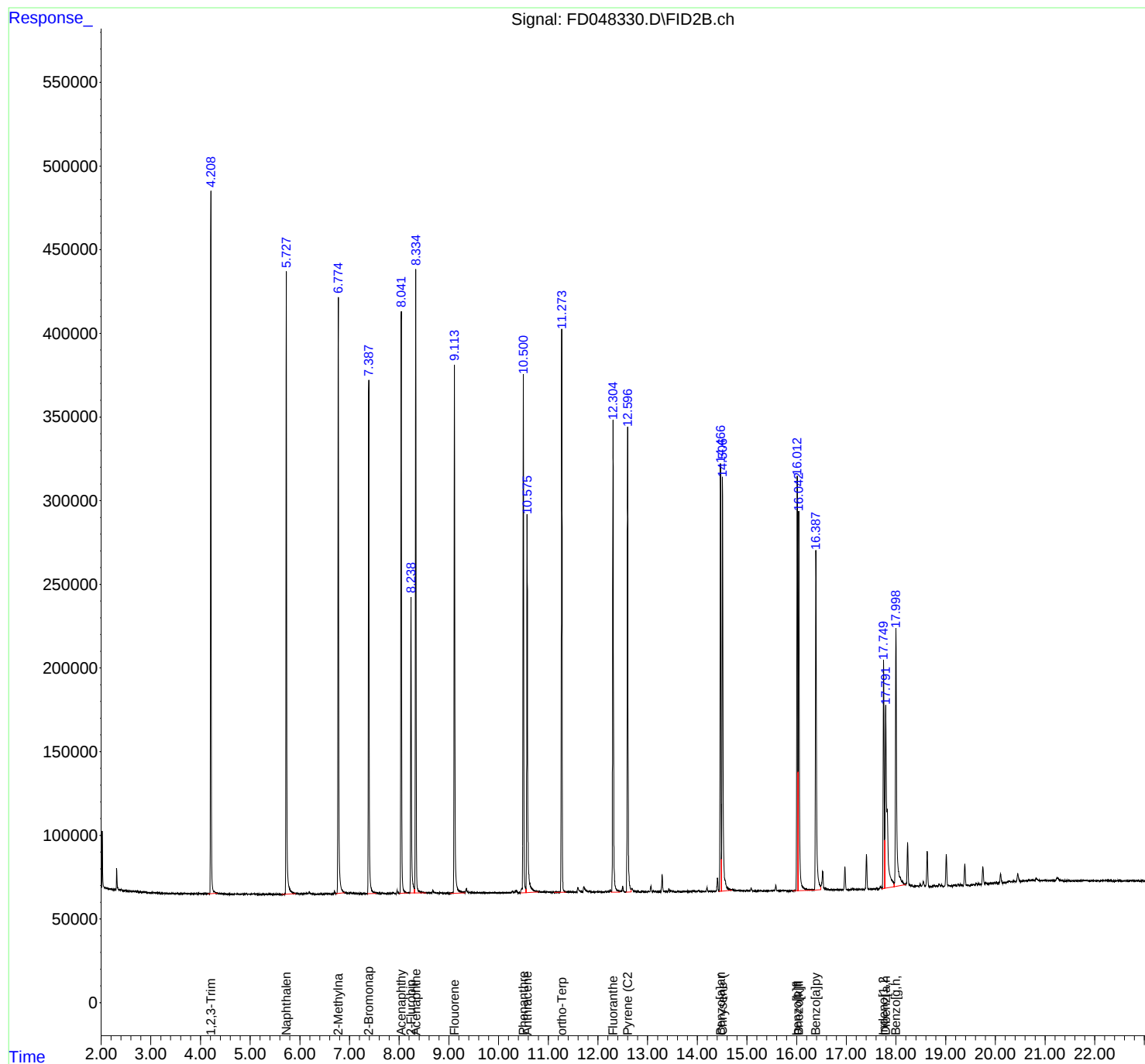
(m)=manual int.

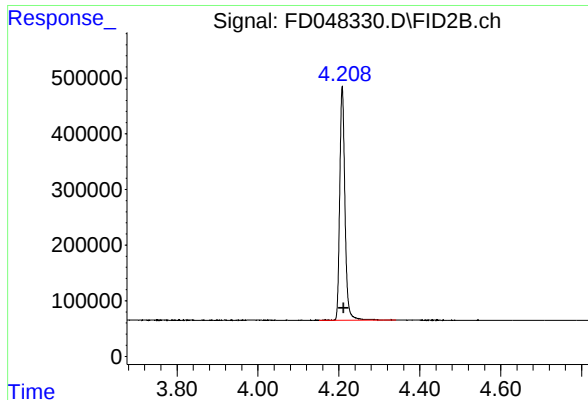
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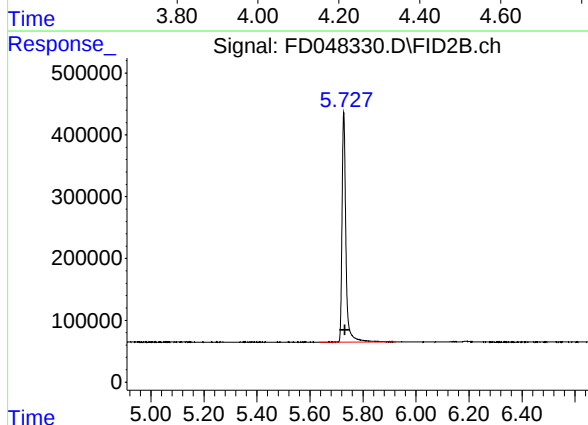




#1 1,2,3-Trimethylbenzene (C10.1)

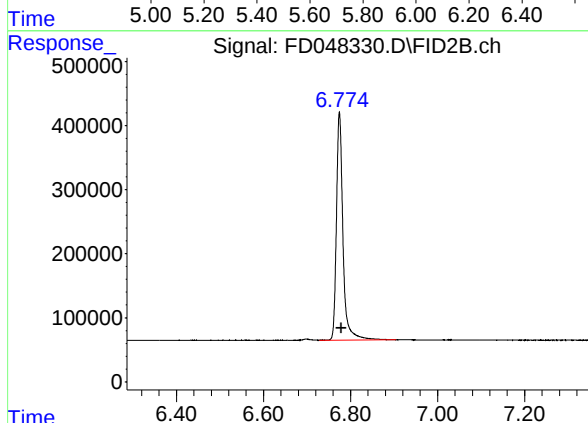
R.T.: 4.208 min
Delta R.T.: -0.004 min
Response: 3745709
Conc: 21.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



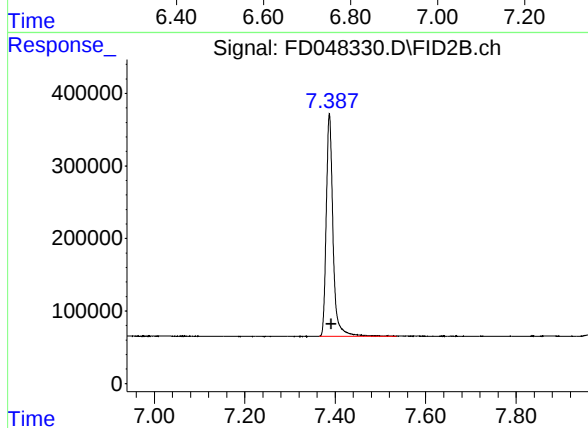
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 3785379
Conc: 20.93 ug/ml



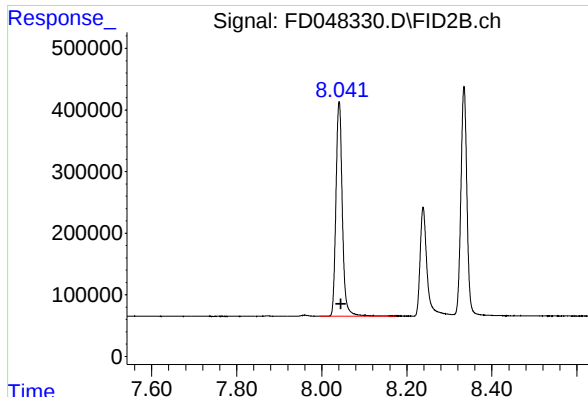
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 3712212
Conc: 20.75 ug/ml



#4 2-Bromonaphthalene (SURR)

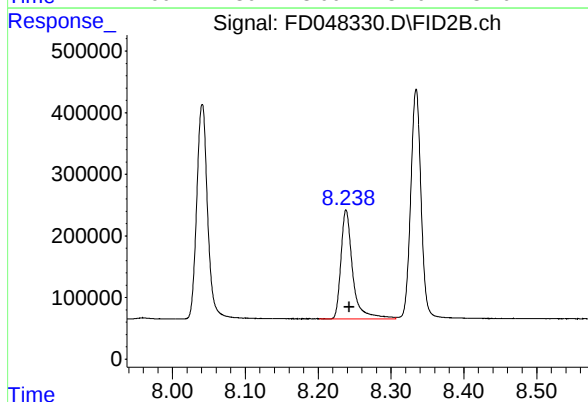
R.T.: 7.387 min
Delta R.T.: -0.004 min
Response: 3182419
Conc: 20.98 ug/ml



#5 Acenaphthylene (C15.06)

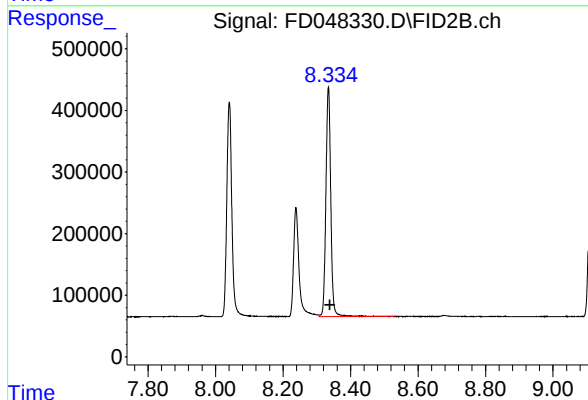
R.T.: 8.041 min
Delta R.T.: -0.004 min
Response: 3617237
Conc: 20.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



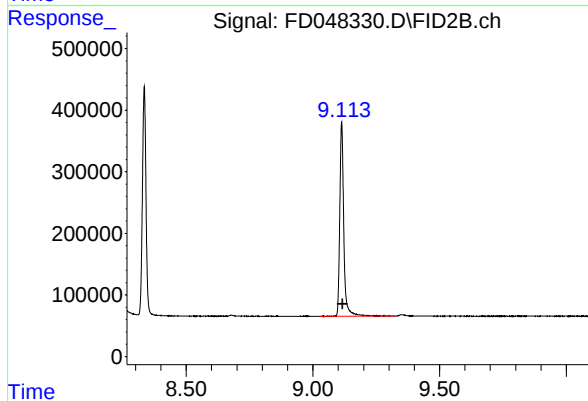
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 1979119
Conc: 20.71 ug/ml



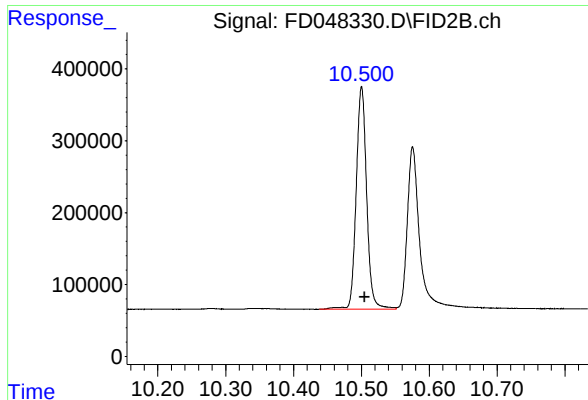
#7 Acenaphthene (C15.5)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 3732385
Conc: 20.99 ug/ml



#8 Fluorene (C16.55)

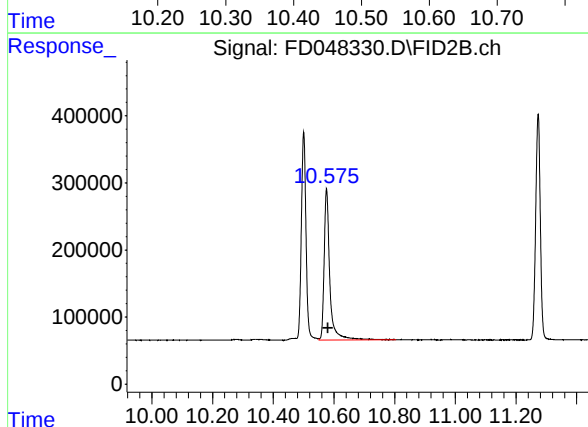
R.T.: 9.114 min
Delta R.T.: -0.004 min
Response: 3481087
Conc: 20.79 ug/ml



#9 Phenanthrene (C19.36)

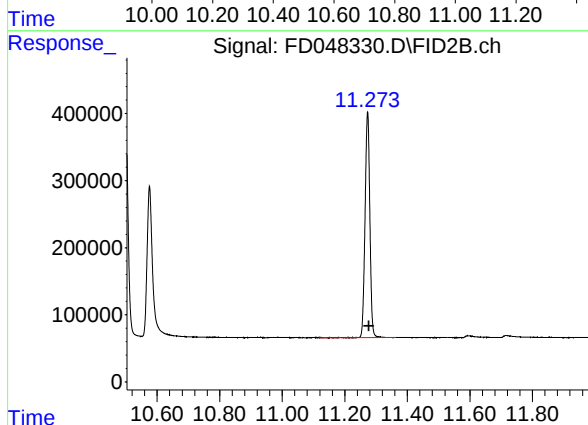
R.T.: 10.500 min
Delta R.T.: -0.004 min
Response: 3330648
Conc: 20.63 ug/ml

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20 PPM AROMATIC HC STD



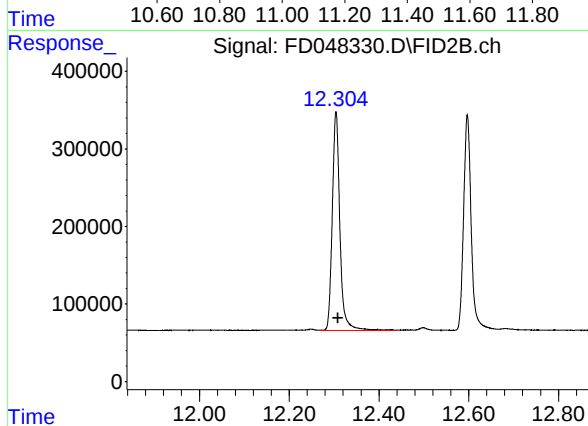
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: -0.005 min
Response: 2923779
Conc: 18.37 ug/ml



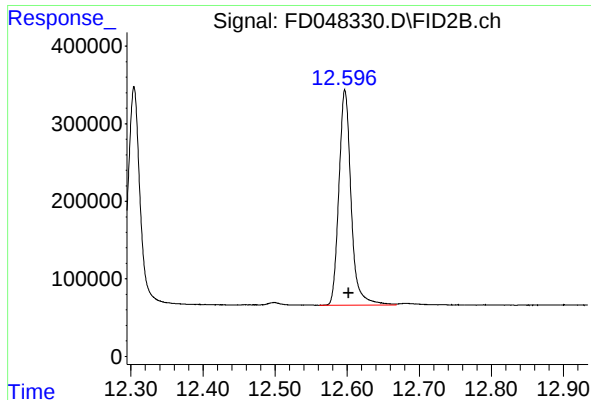
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 3575356
Conc: 20.84 ug/ml



#12 Fluoranthene (C21.85)

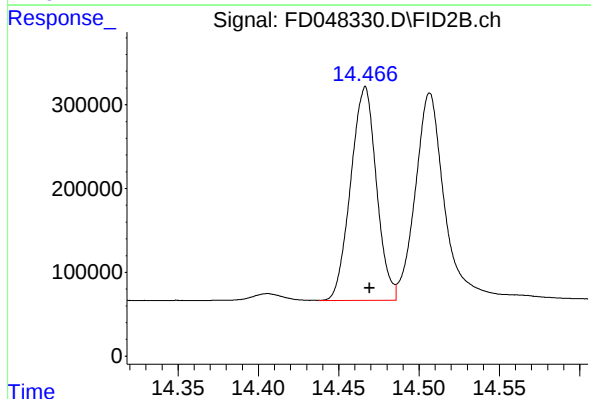
R.T.: 12.304 min
Delta R.T.: -0.004 min
Response: 3309579
Conc: 20.42 ug/ml



#13 Pyrene (C20.8)

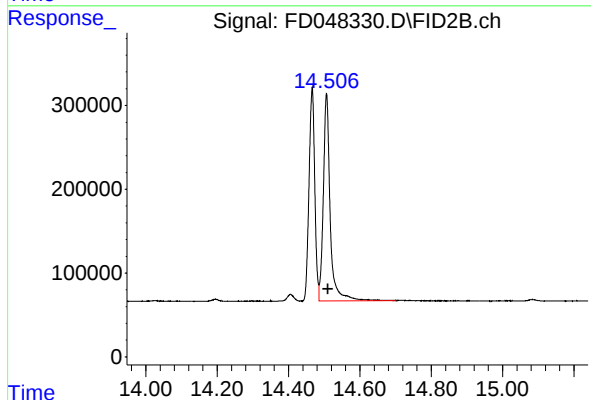
R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 3271572
Conc: 20.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



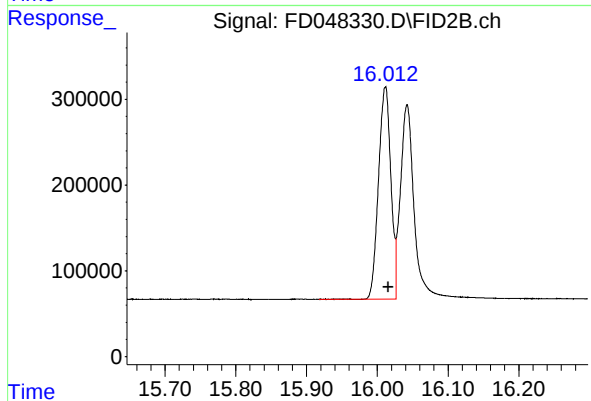
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.466 min
Delta R.T.: -0.003 min
Response: 2839878
Conc: 20.27 ug/ml



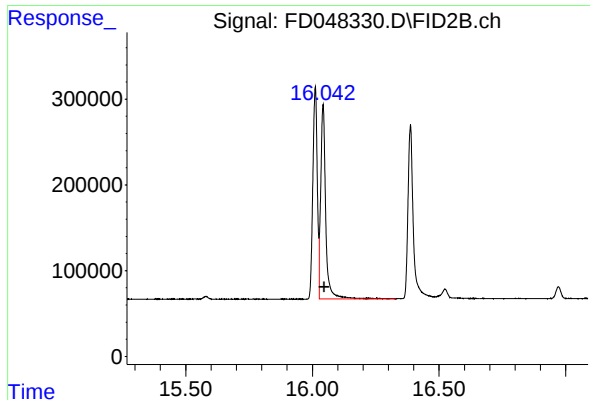
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: -0.004 min
Response: 3310021
Conc: 20.10 ug/ml



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

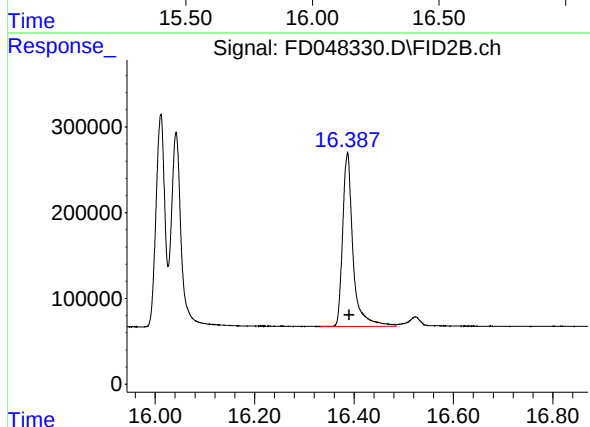
R.T.: 16.011 min
Delta R.T.: -0.004 min
Response: 3001720
Conc: 20.20 ug/ml



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

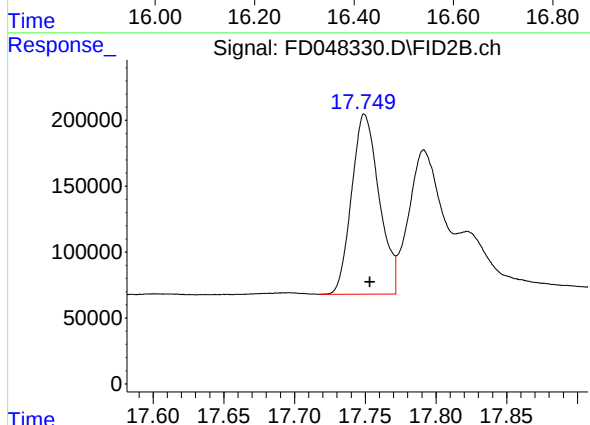
R.T.: 16.042 min
Delta R.T.: -0.004 min
Response: 3152941
Conc: 20.47 ug/ml

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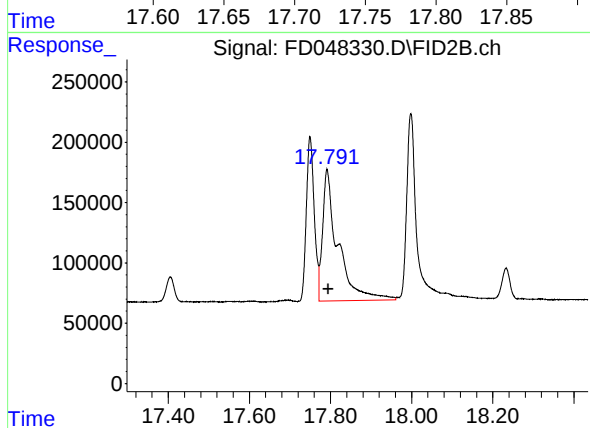
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.387 min
Delta R.T.: -0.004 min
Response: 2938987
Conc: 19.86 ug/ml



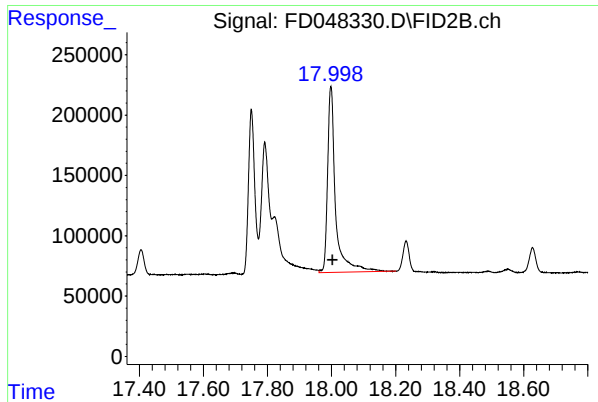
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.004 min
Response: 1847475
Conc: 16.35 ug/ml



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

R.T.: 17.792 min
Delta R.T.: -0.003 min
Response: 2872338
Conc: 18.82 ug/ml



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

R.T.: 17.998 min
Delta R.T.: -0.005 min
Response: 2682587
Conc: 18.20 ug/ml

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