

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049214.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 17:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Apr 02 18:54:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 18:53:34 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...	7.747	2348030	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.613	1623050	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.654	2962038	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	2212914	20.000 ug/ml
2) T Naphthalene (C11.7)	6.084	2486025	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.137	2466109	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.416	2818898	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.711	2702381	20.000 ug/ml
8) T Fluorene (C16.55)	9.492	2677988	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.890	2843502	20.000 ug/ml
10) T Anthracene (C19.43)	10.964	2463892	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.702	2980470	20.000 ug/ml
13) T Pyrene (C20.8)	13.001	3007653	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.868	2263981	20.000 ug/ml
15) T Chrysene (C27.41)	14.912	2394285	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.419	2448947	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	2335140	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	2195786	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	1947920	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	1624681	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	2235904	20.000 ug/ml

(f)=RT Delta > 1/2 Window

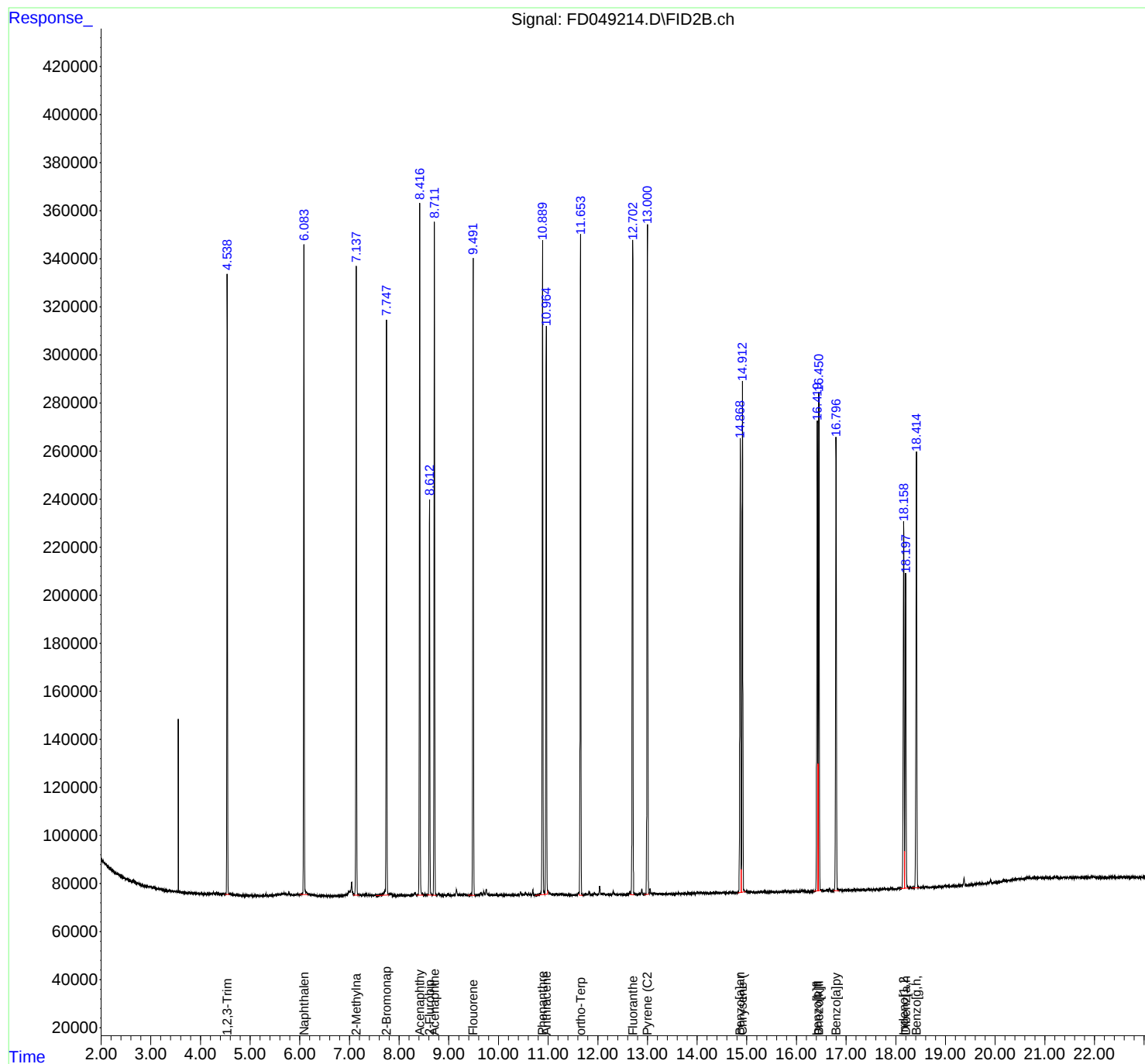
(m)=manual int.

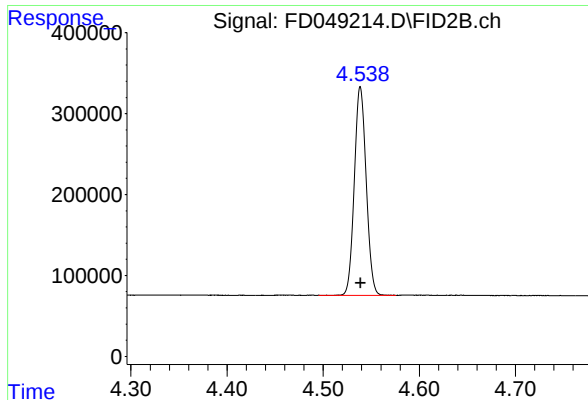
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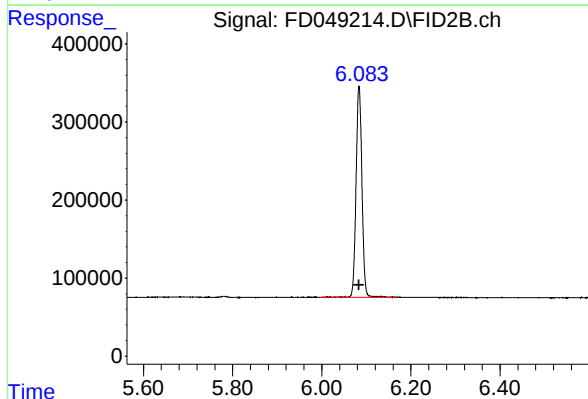




#1 1,2,3-Trimethylbenzene (C10.1)

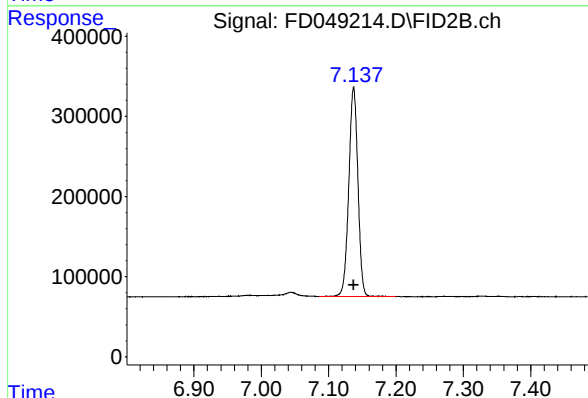
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 2212914
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



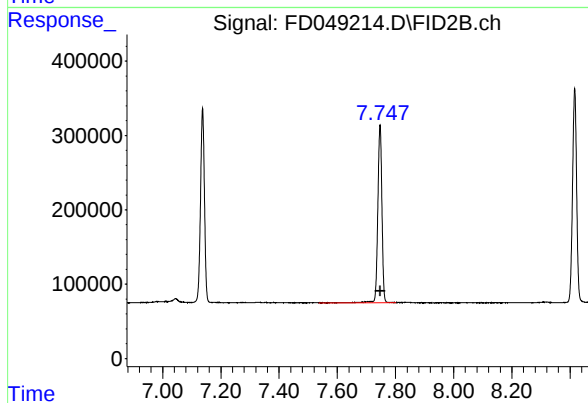
#2 Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 2486025
Conc: 20.00 ug/ml



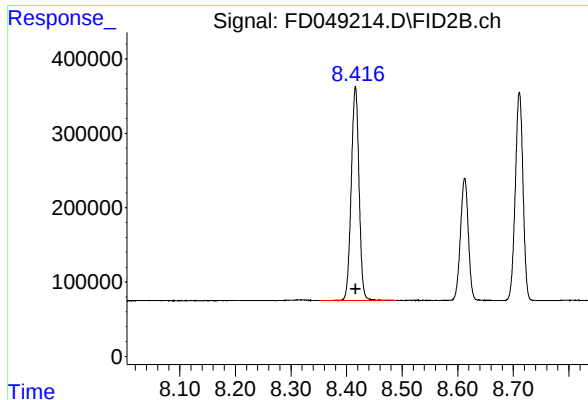
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 2466109
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

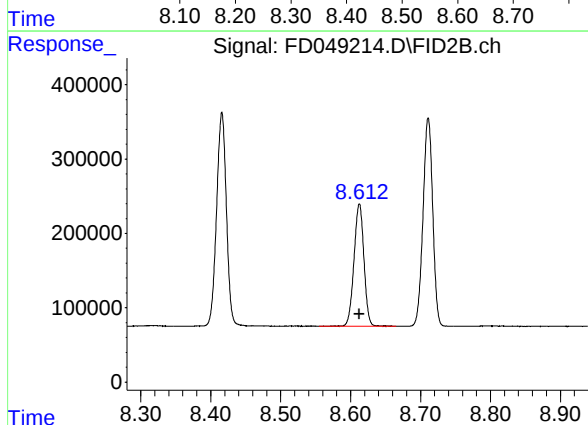
R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 2348030
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

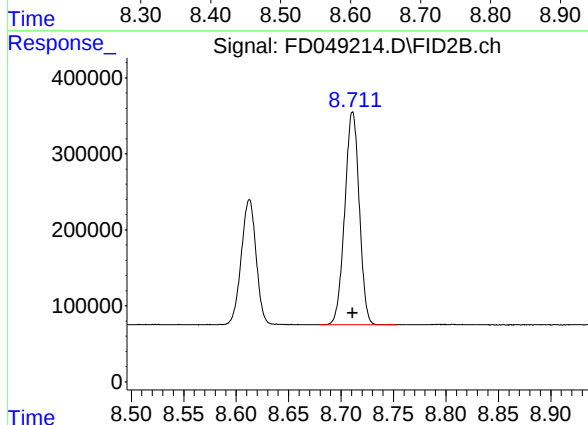
R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 2818898
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



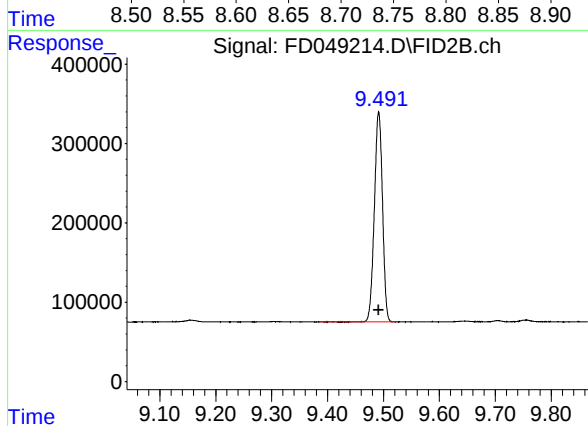
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 1623050
Conc: 20.00 ug/ml



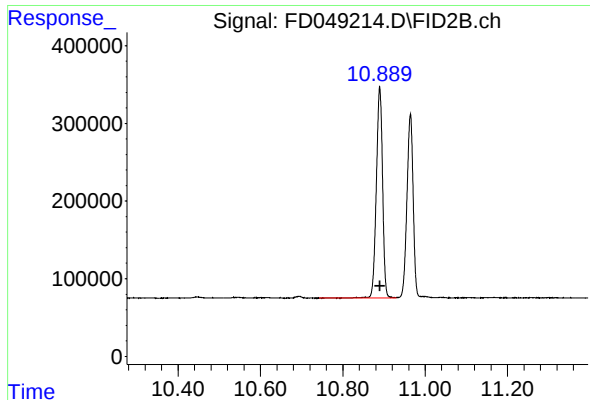
#7 Acenaphthene (C15.5)

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2702381
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

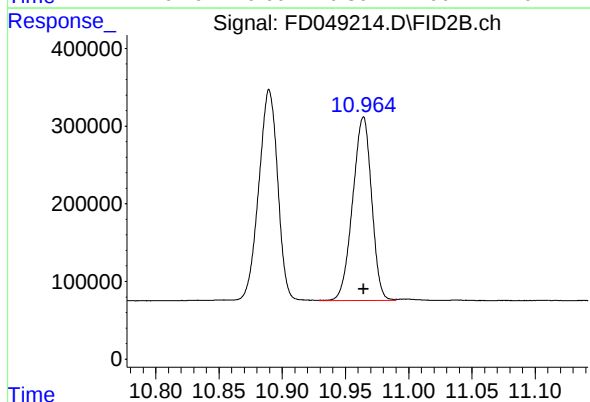
R.T.: 9.492 min
Delta R.T.: 0.000 min
Response: 2677988
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

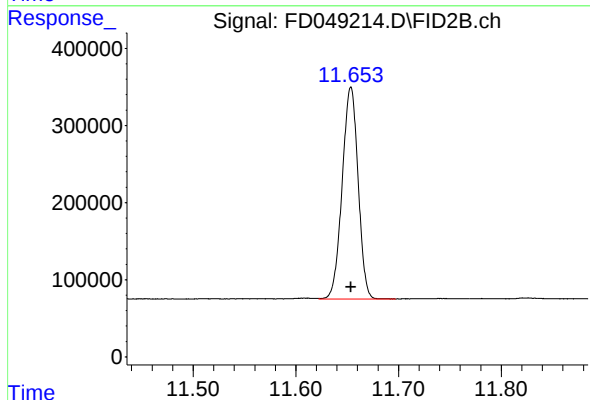
R.T.: 10.890 min
Delta R.T.: 0.000 min
Response: 2843502
Conc: 20.00 ug/ml

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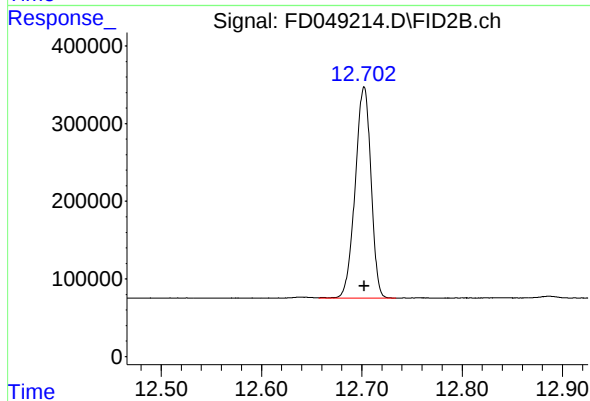
#10 Anthracene (C19.43)

R.T.: 10.964 min
Delta R.T.: 0.000 min
Response: 2463892
Conc: 20.00 ug/ml



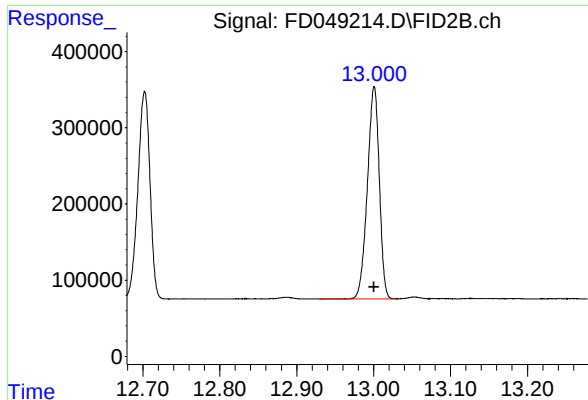
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: 0.000 min
Response: 2962038
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

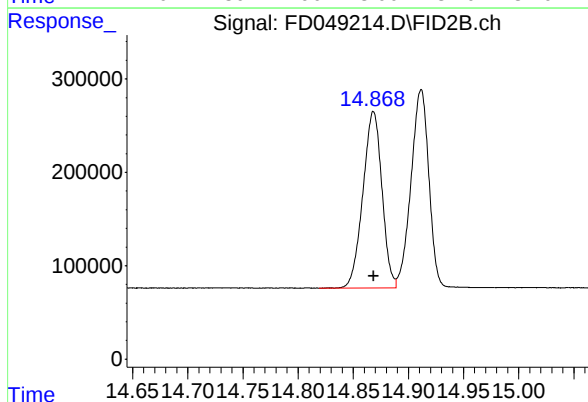
R.T.: 12.702 min
Delta R.T.: 0.000 min
Response: 2980470
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

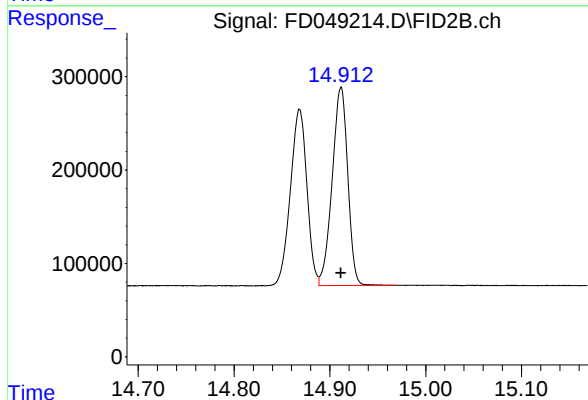
R.T.: 13.001 min
Delta R.T.: 0.000 min
Response: 3007653
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



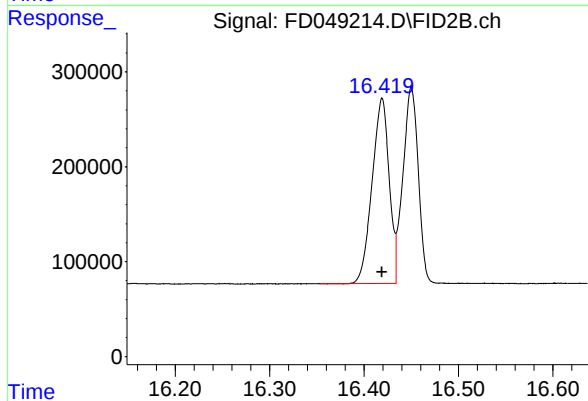
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min
Delta R.T.: 0.000 min
Response: 2263981
Conc: 20.00 ug/ml



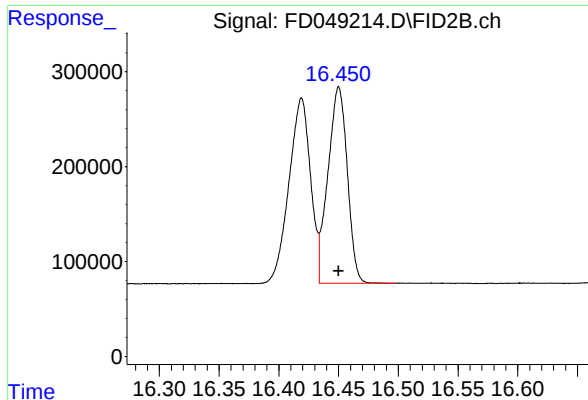
#15 Chrysene (C27.41)

R.T.: 14.912 min
Delta R.T.: 0.000 min
Response: 2394285
Conc: 20.00 ug/ml



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

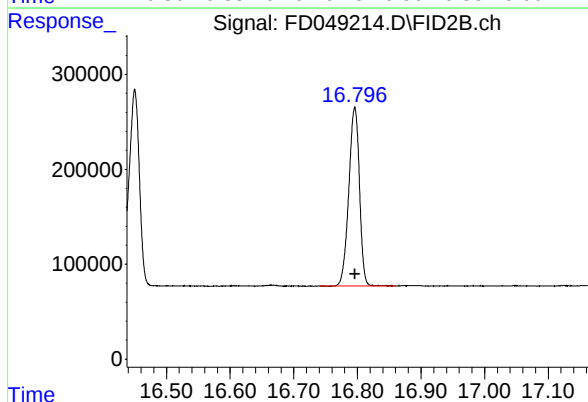
R.T.: 16.419 min
Delta R.T.: 0.000 min
Response: 2448947
Conc: 20.00 ug/ml



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

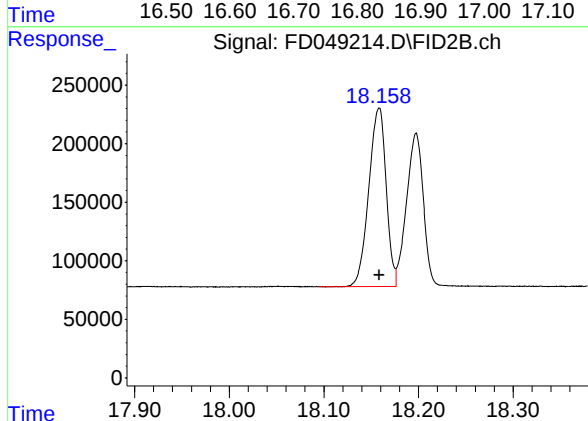
R.T.: 16.450 min
Delta R.T.: 0.000 min
Response: 2335140
Conc: 20.00 ug/ml

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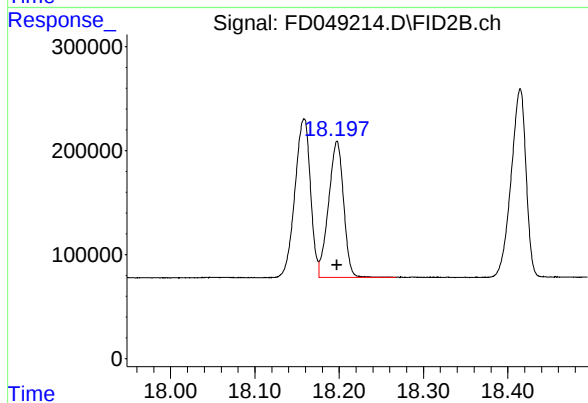
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 2195786
Conc: 20.00 ug/ml



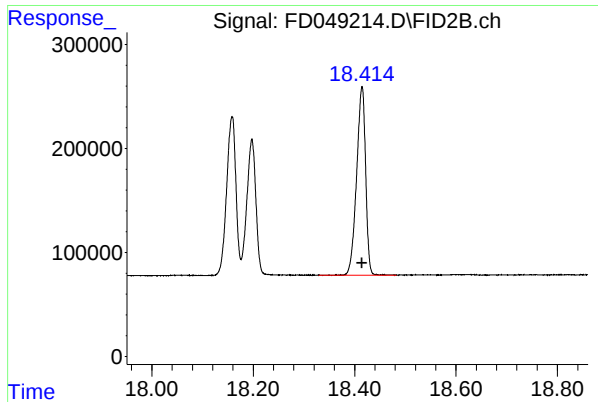
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 1947920
Conc: 20.00 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.000 min
Response: 1624681
Conc: 20.00 ug/ml



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

R.T.: 18.415 min
Delta R.T.: 0.000 min
Response: 2235904
Conc: 20.00 ug/ml

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