

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AR\
 Data File : FD044531.D
 Signal(s) : FID2B.ch
 Acq On : 28 Nov 2022 18:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 29 00:19:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:18:15 2022
 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...	7.685	2564384	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.543	1741270	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.575	3219920	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.500	2820992	20.000 ug/ml
2) T Naphthalene (C11.7)	6.031	2972028	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2982196	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.348	2747018	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.642	2901449	20.000 ug/ml
8) T Flouorene (C16.55)	9.419	2848900	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.810	2817775	20.000 ug/ml
10) T Anthracene (C19.43)	10.884	2740513	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.613	2810037	20.000 ug/ml
13) T Pyrene (C20.8)	12.909	2757764	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.769	2559663	20.000 ug/ml
15) T Chrysene (C27.41)	14.812	2666723	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.310	2599237	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	2576926	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	2548895	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	2504199	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	2497504	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	2553148	20.000 ug/ml

(f)=RT Delta > 1/2 Window

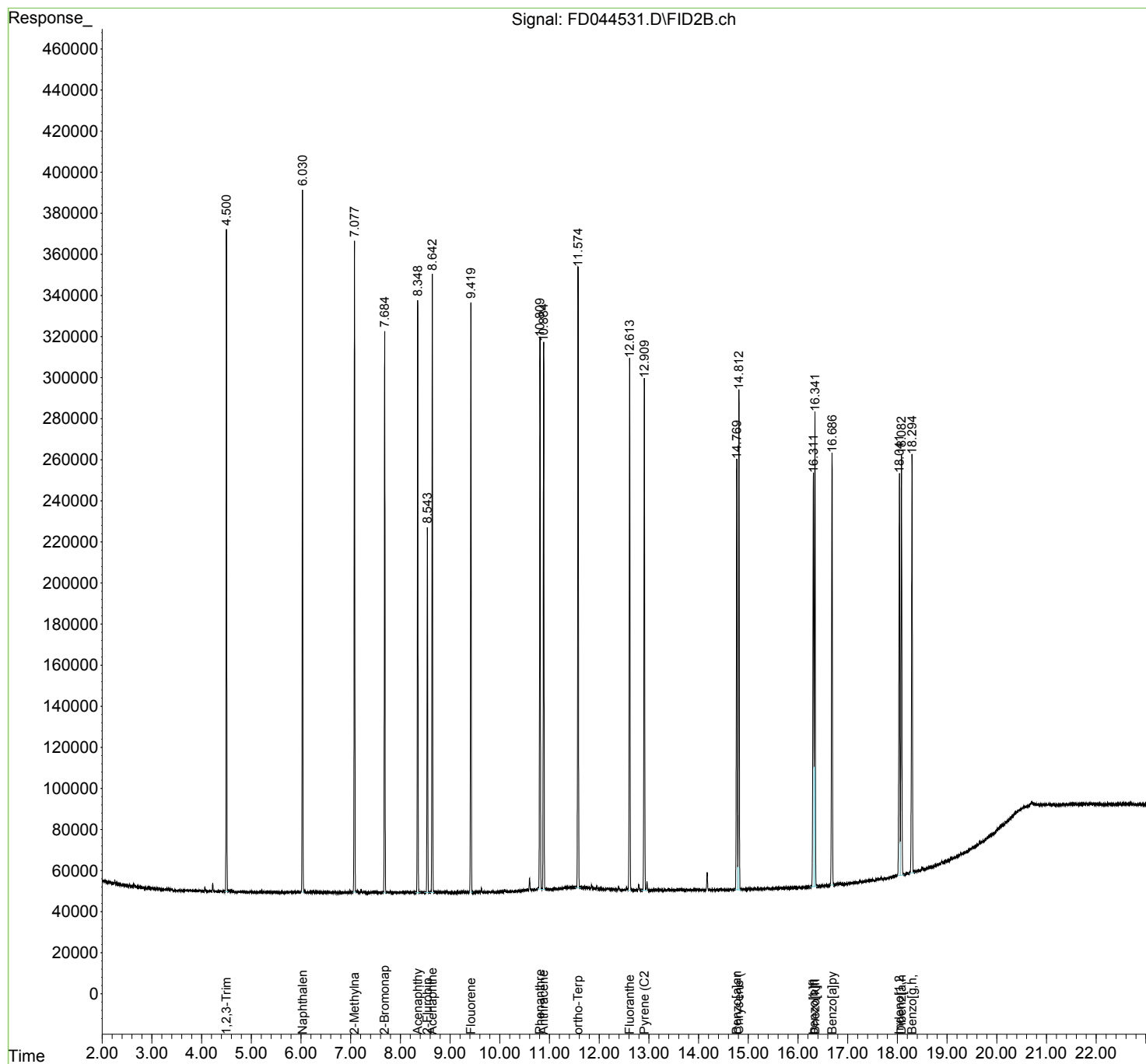
(m)=manual int.

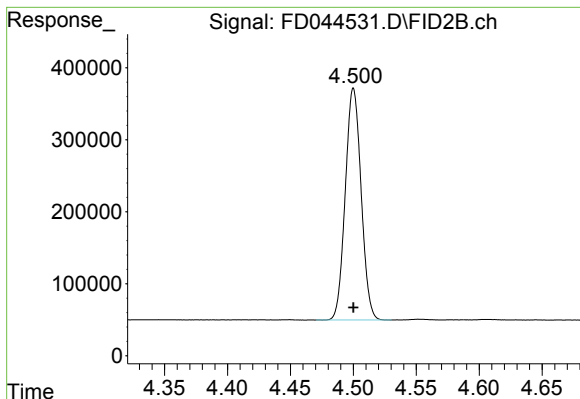
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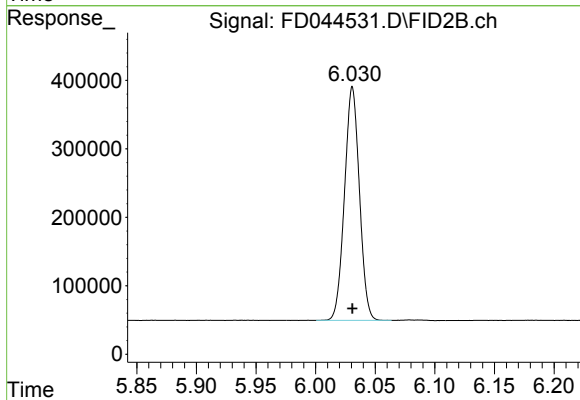




#1 1,2,3-Trimethylbenzene (C10.1)

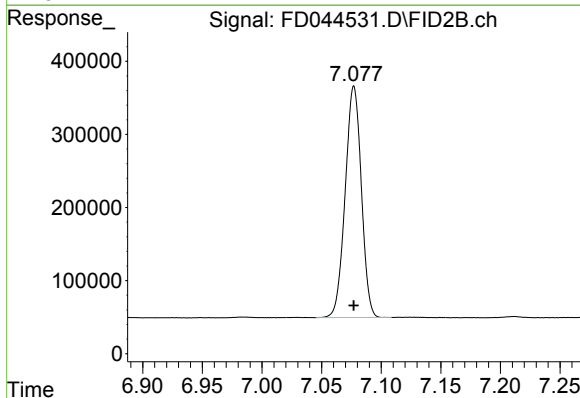
R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 2820992
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



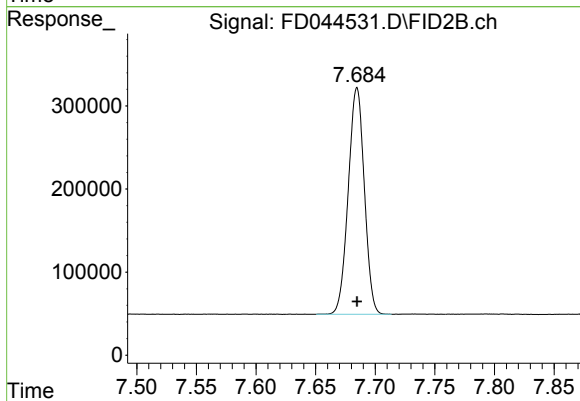
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2972028
Conc: 20.00 ug/ml



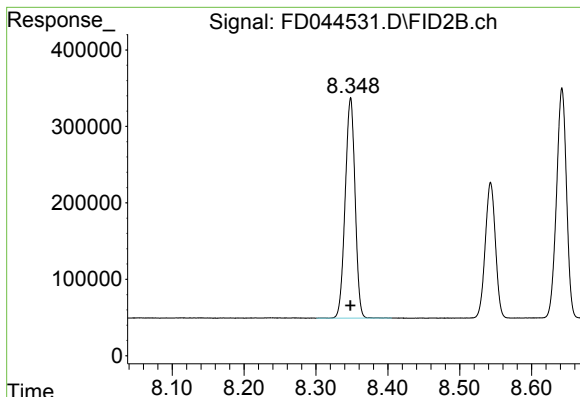
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 2982196
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

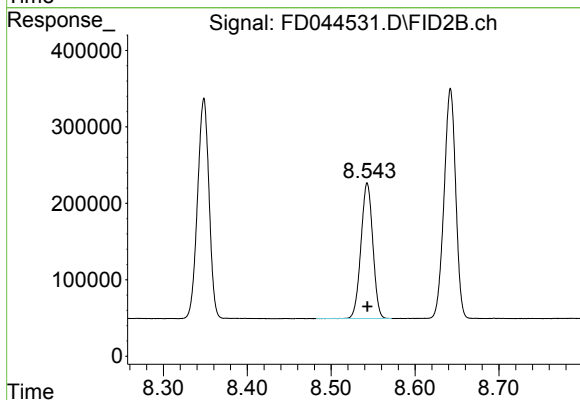
R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 2564384
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

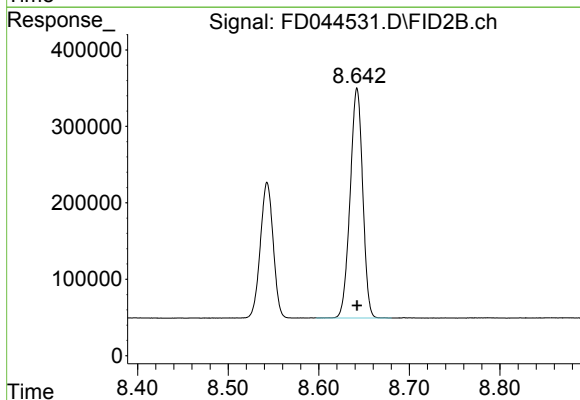
R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 2747018
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



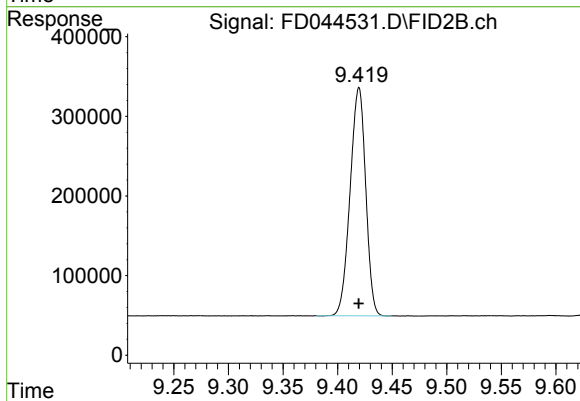
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.543 min
Delta R.T.: 0.000 min
Response: 1741270
Conc: 20.00 ug/ml



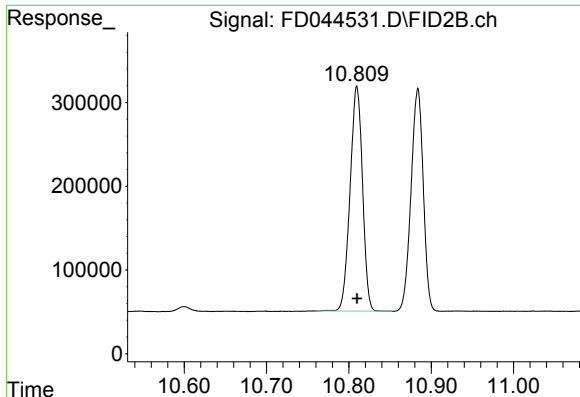
#7 Acenaphthene (C15.5)

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 2901449
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

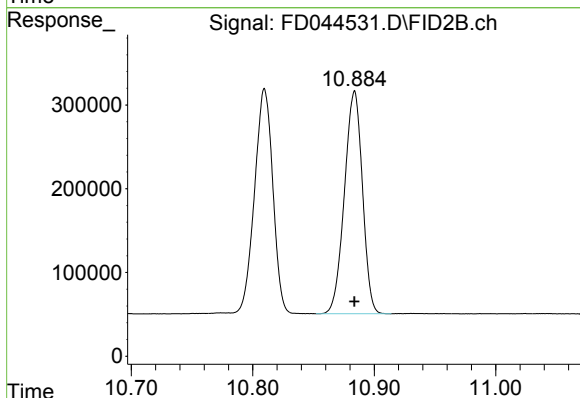
R.T.: 9.419 min
Delta R.T.: 0.000 min
Response: 2848900
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

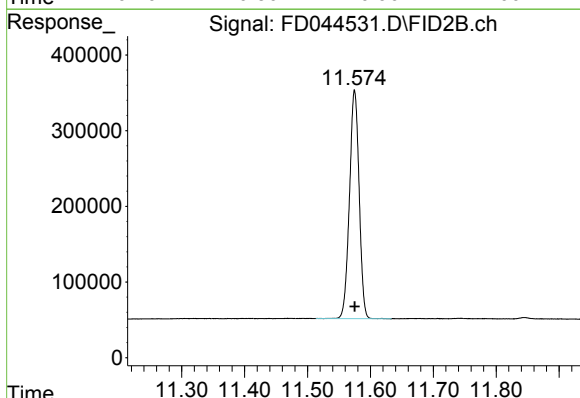
R.T.: 10.810 min
Delta R.T.: 0.000 min
Response: 2817775
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



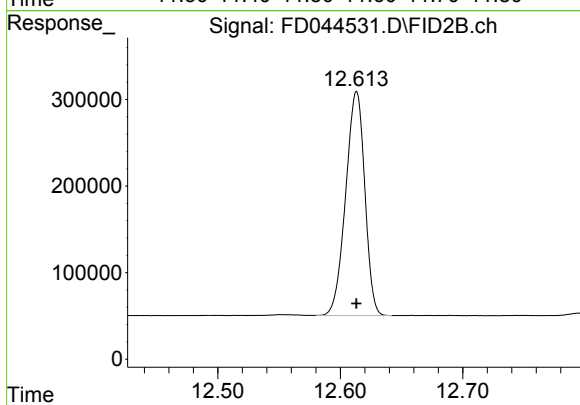
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.000 min
Response: 2740513
Conc: 20.00 ug/ml



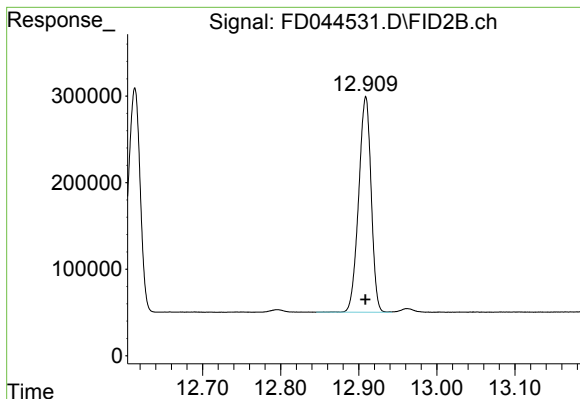
#11 ortho-Terphenyl (SURR)

R.T.: 11.575 min
Delta R.T.: 0.000 min
Response: 3219920
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

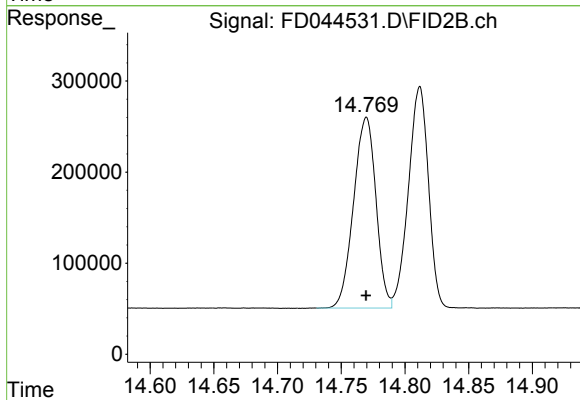
R.T.: 12.613 min
Delta R.T.: 0.000 min
Response: 2810037
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

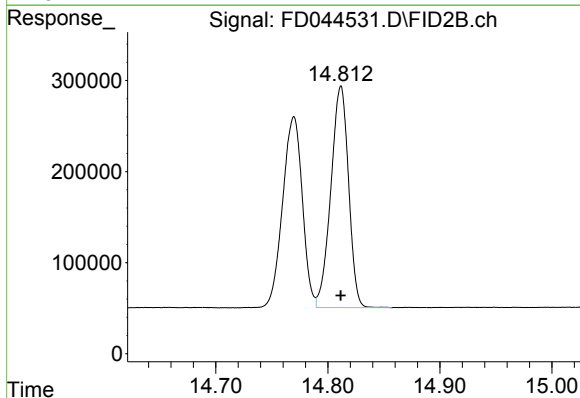
R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2757764
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



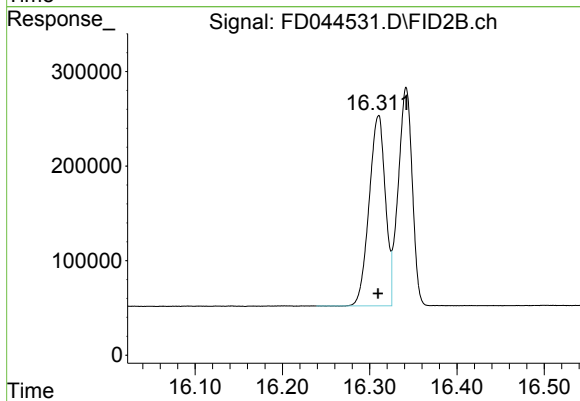
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: 0.000 min
Response: 2559663
Conc: 20.00 ug/ml



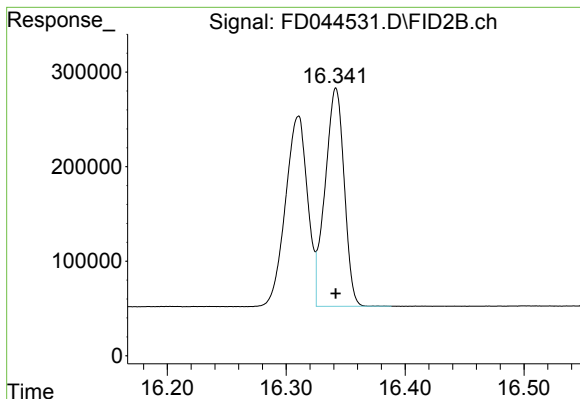
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: 0.000 min
Response: 2666723
Conc: 20.00 ug/ml



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

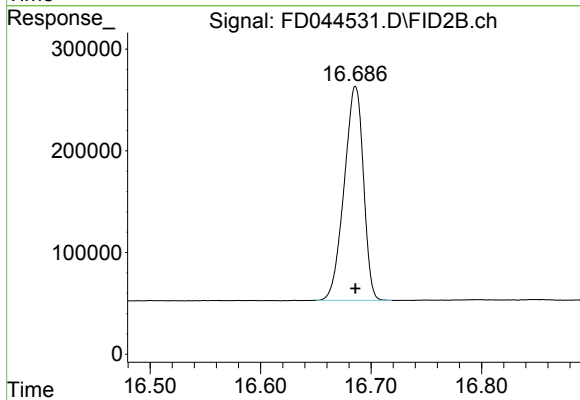
R.T.: 16.310 min
Delta R.T.: 0.000 min
Response: 2599237
Conc: 20.00 ug/ml



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

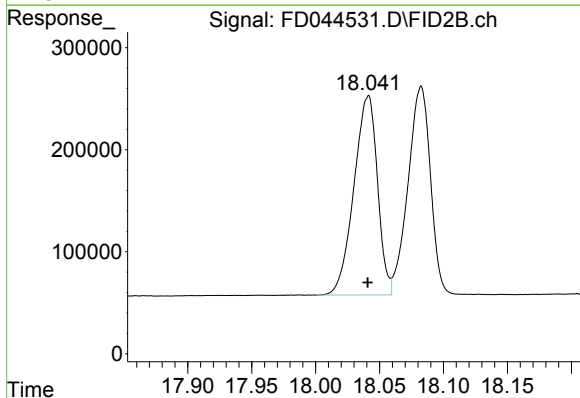
R.T.: 16.342 min
Delta R.T.: 0.000 min
Response: 2576926
Conc: 20.00 ug/ml

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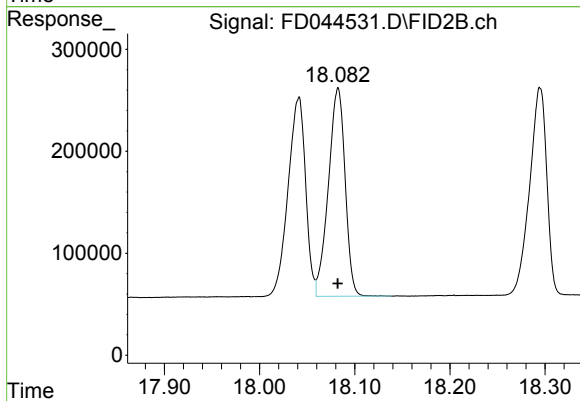
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: 0.000 min
Response: 2548895
Conc: 20.00 ug/ml



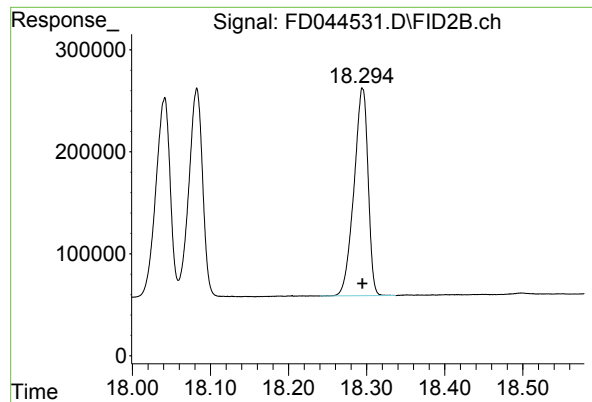
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: 0.000 min
Response: 2504199
Conc: 20.00 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.000 min
Response: 2497504
Conc: 20.00 ug/ml



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

R.T.: 18.295 min
Delta R.T.: 0.000 min
Response: 2553148
Conc: 20.00 ug/ml

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