

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044125.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2022 23:21
 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: Oct 14 01:23:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:12:46 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...	7.418	2547049	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.274	1564638	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.304	3342892	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	2857024	20.000 ug/ml
2) T Naphthalene (C11.7)	5.760	2803534	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.805	2927380	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.075	2811235	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.367	3059476	20.000 ug/ml
8) T Flouorene (C16.55)	9.146	2860926	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.539	2728384	20.000 ug/ml
10) T Anthracene (C19.43)	10.614	2754344	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.345	2672292	20.000 ug/ml
13) T Pyrene (C20.8)	12.639	2510438	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.509	2164548	20.000 ug/ml
15) T Chrysene (C27.41)	14.551	2576737	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.057	2248514	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	2484630	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.436	2312703	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	2123058	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.835	2463966	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	2316860	20.000 ug/ml

(f)=RT Delta > 1/2 Window

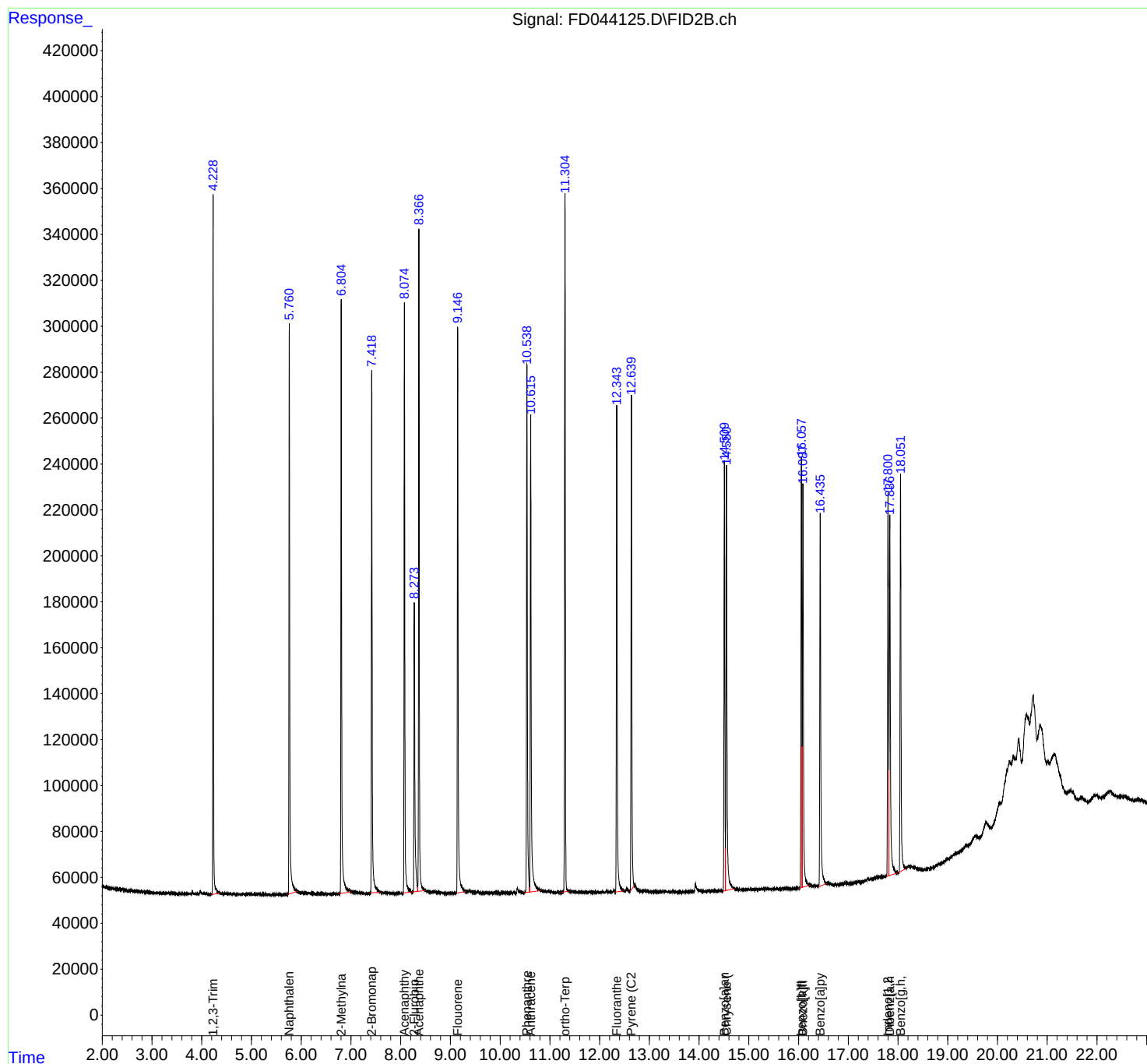
(m)=manual int.

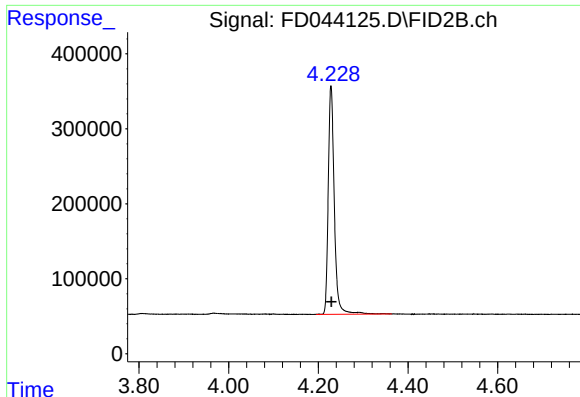
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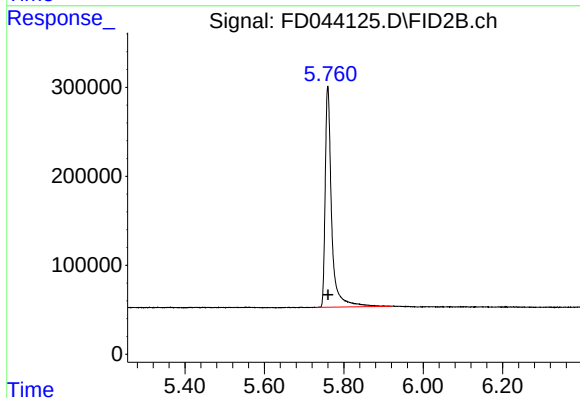




#1 1,2,3-Trimethylbenzene (C10.1)

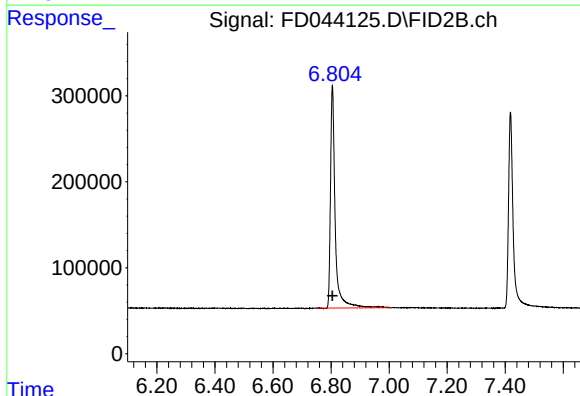
R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 2857024
Conc: 20.00 ug/ml

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FID_D
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20 PPM AROMATIC HC STD3



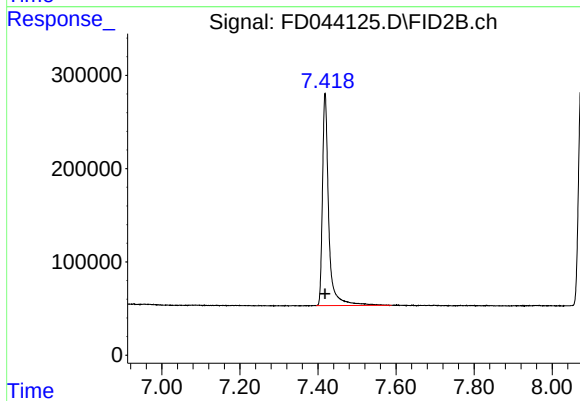
#2 Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 2803534
Conc: 20.00 ug/ml



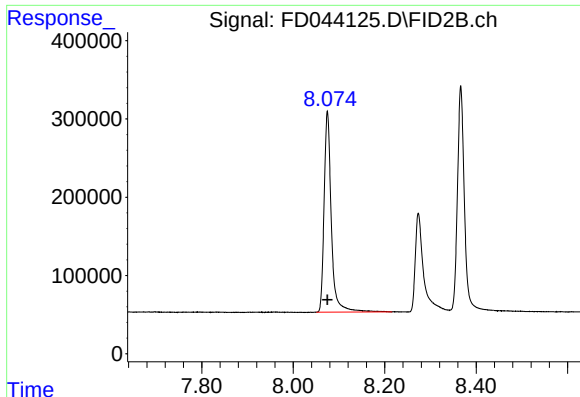
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 2927380
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

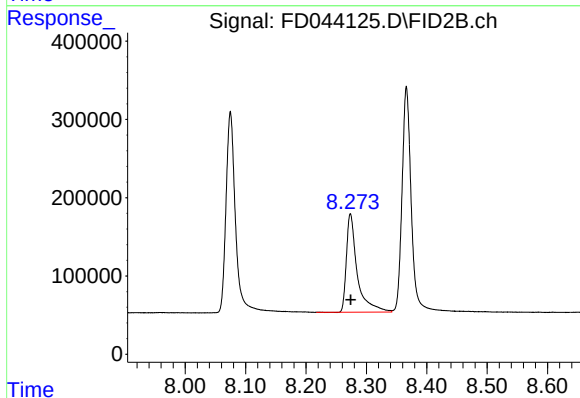
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 2547049
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

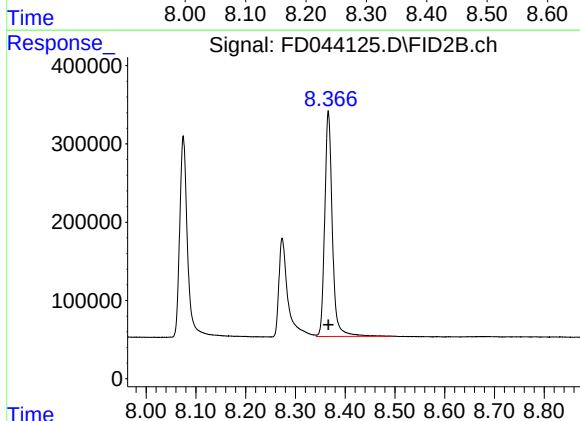
R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 2811235
Conc: 20.00 ug/ml

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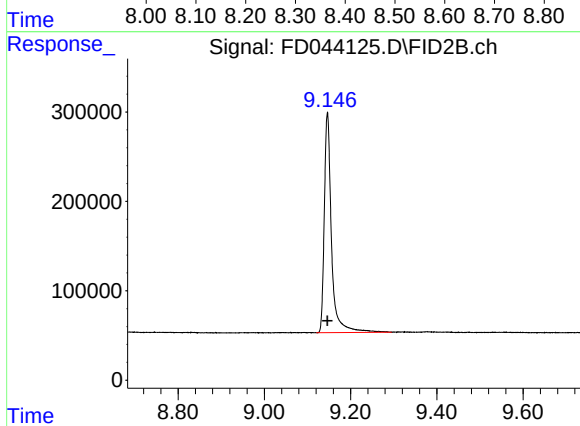
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 1564638
Conc: 20.00 ug/ml



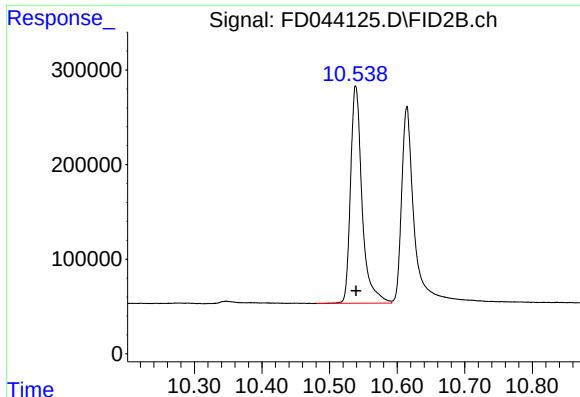
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 3059476
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

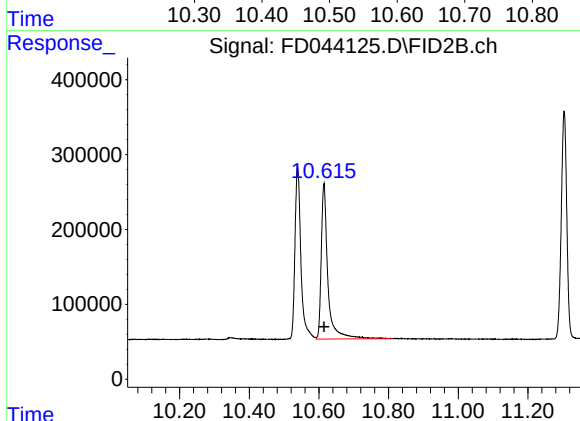
R.T.: 9.146 min
Delta R.T.: 0.000 min
Response: 2860926
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

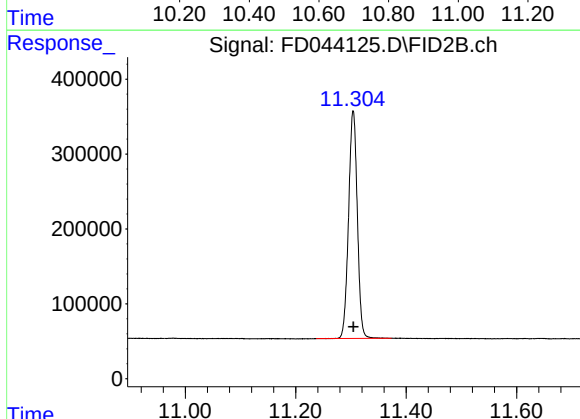
R.T.: 10.539 min
Delta R.T.: 0.000 min
Response: 2728384
Conc: 20.00 ug/ml

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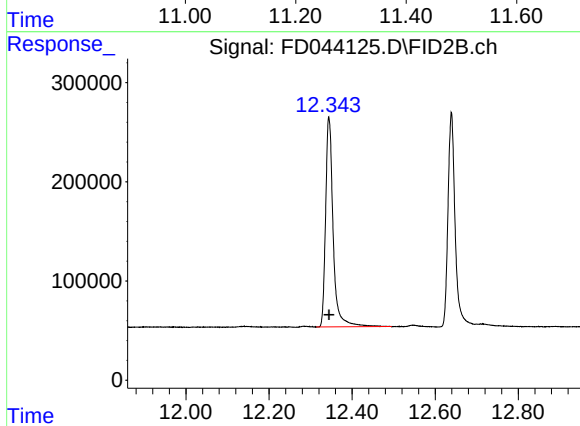
#10 Anthracene (C19.43)

R.T.: 10.614 min
Delta R.T.: 0.000 min
Response: 2754344
Conc: 20.00 ug/ml



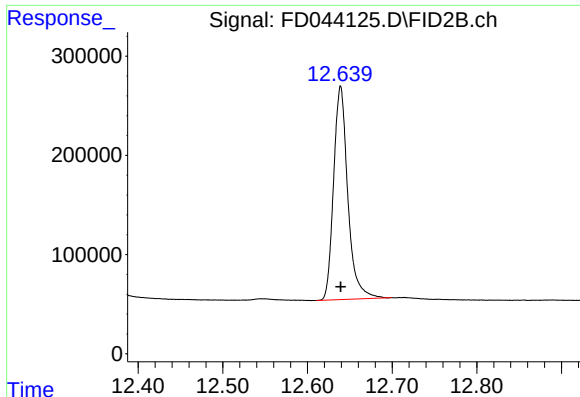
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 3342892
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

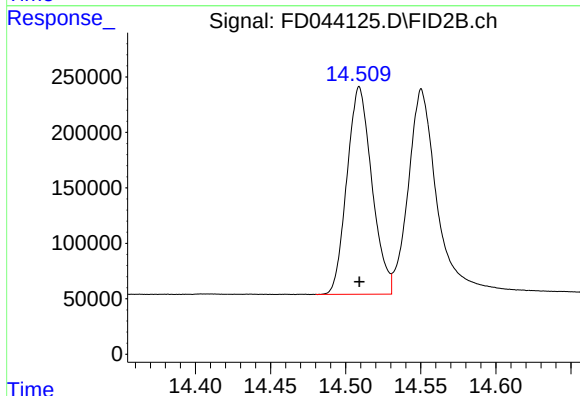
R.T.: 12.345 min
Delta R.T.: 0.000 min
Response: 2672292
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

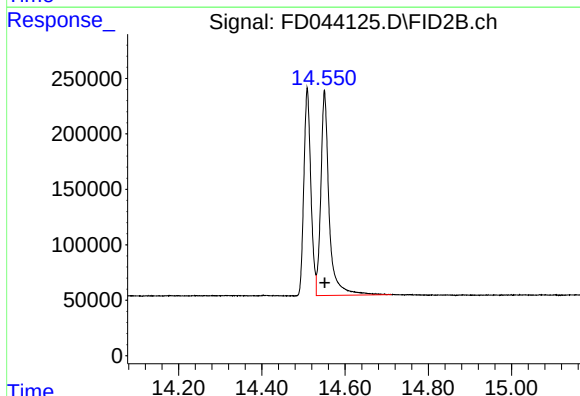
R.T.: 12.639 min
Delta R.T.: 0.000 min
Response: 2510438
Conc: 20.00 ug/ml

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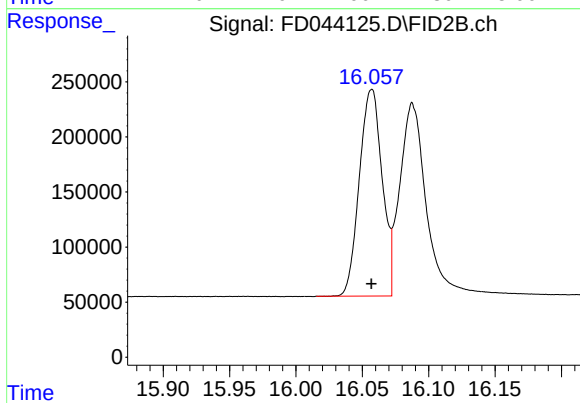
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.509 min
Delta R.T.: 0.000 min
Response: 2164548
Conc: 20.00 ug/ml



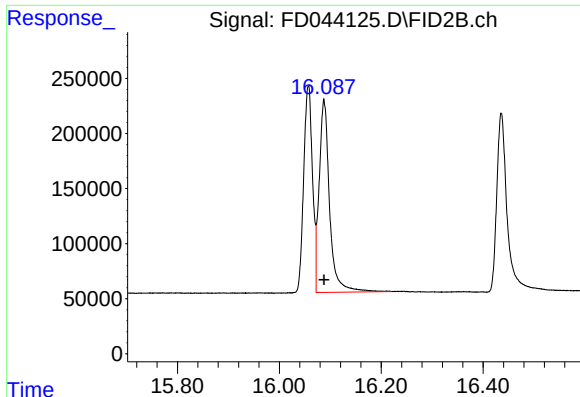
#15 Chrysene (C27.41)

R.T.: 14.551 min
Delta R.T.: 0.000 min
Response: 2576737
Conc: 20.00 ug/ml



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

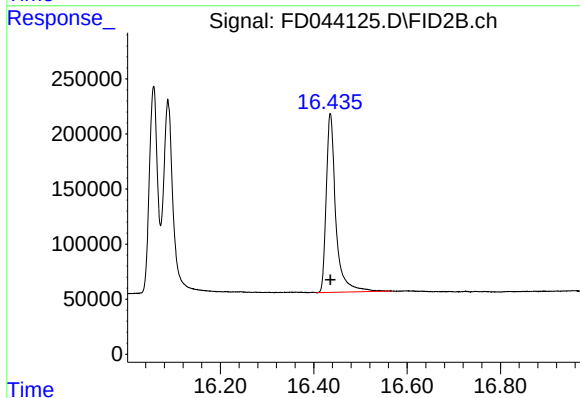
R.T.: 16.057 min
Delta R.T.: 0.000 min
Response: 2248514
Conc: 20.00 ug/ml



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

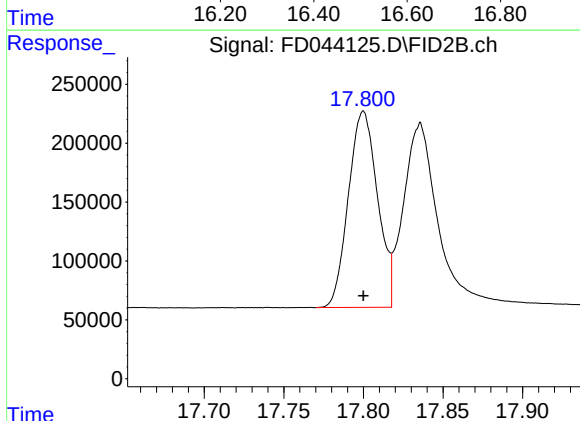
R.T.: 16.088 min
Delta R.T.: 0.000 min
Response: 2484630
Conc: 20.00 ug/ml

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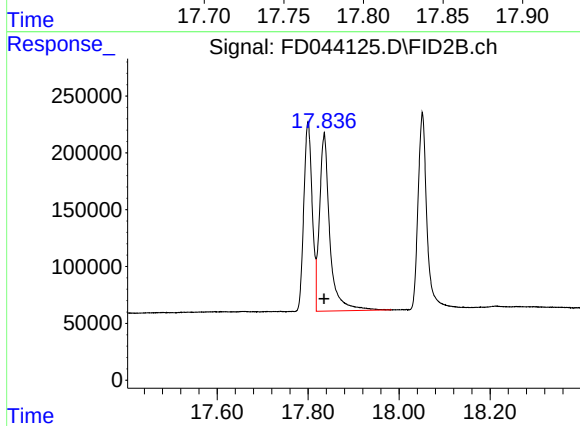
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.436 min
Delta R.T.: 0.000 min
Response: 2312703
Conc: 20.00 ug/ml



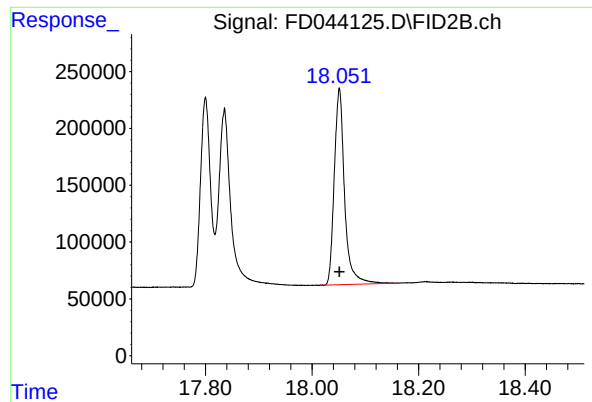
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 2123058
Conc: 20.00 ug/ml



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

R.T.: 17.835 min
Delta R.T.: 0.000 min
Response: 2463966
Conc: 20.00 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 2316860
Conc: 20.00 ug/ml

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