

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
 Data File : FE041979.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 07:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 07:45:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.967	3521448	19.943 ug/ml
Spiked Amount 50.000		Recovery =	39.89%
12) S 1-chlorooctadecane (S...	13.403	2693603	20.271 ug/ml
Spiked Amount 50.000		Recovery =	40.54%
Target Compounds			
1) T n-Nonane (C9)	3.347	2884272	20.002 ug/ml
2) T n-Decane (C10)	4.600	2963423	20.018 ug/ml
3) T A~Naphthalene (C11.7)	6.306	3263343	20.001 ug/ml
4) T n-Dodecane (C12)	6.768	2998268	19.995 ug/ml
5) T A~2-methylnaphthalene...	7.403	3156994	19.893 ug/ml
6) T n-Tetradecane (C14)	8.597	2992305	19.974 ug/ml
7) T n-Hexadecane (C16)	10.205	3105606	19.937 ug/ml
8) T n-Octadecane (C18)	11.648	3151745	19.931 ug/ml
10) T n-Eicosane (C20)	12.958	3020823	19.929 ug/ml
11) T n-Heneicosane (C21)	13.570	2954193	19.940 ug/ml
13) T n-Docosane (C22)	14.156	2917762	19.903 ug/ml
14) T n-Tetracosane (C24)	15.260	2863124	19.834 ug/ml
15) T n-Hexacosane (C26)	16.281	2772672	20.020 ug/ml
16) T n-Octacosane (C28)	17.230	2675527	19.984 ug/ml
17) T n-Tricontane (C30)	18.116	2710745	20.081 ug/ml
18) T n-Dotriacontane (C32)	18.951	2668353	19.974 ug/ml
19) T n-Tetratriacontane (C34)	19.734	2614262	19.879 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2561596	19.709 ug/ml
21) T n-Octatriacontane (C38)	21.225	2621096	19.319 ug/ml
22) T n-Tetracontane (C40)	22.161	2693565	19.362 ug/ml

(f)=RT Delta > 1/2 Window

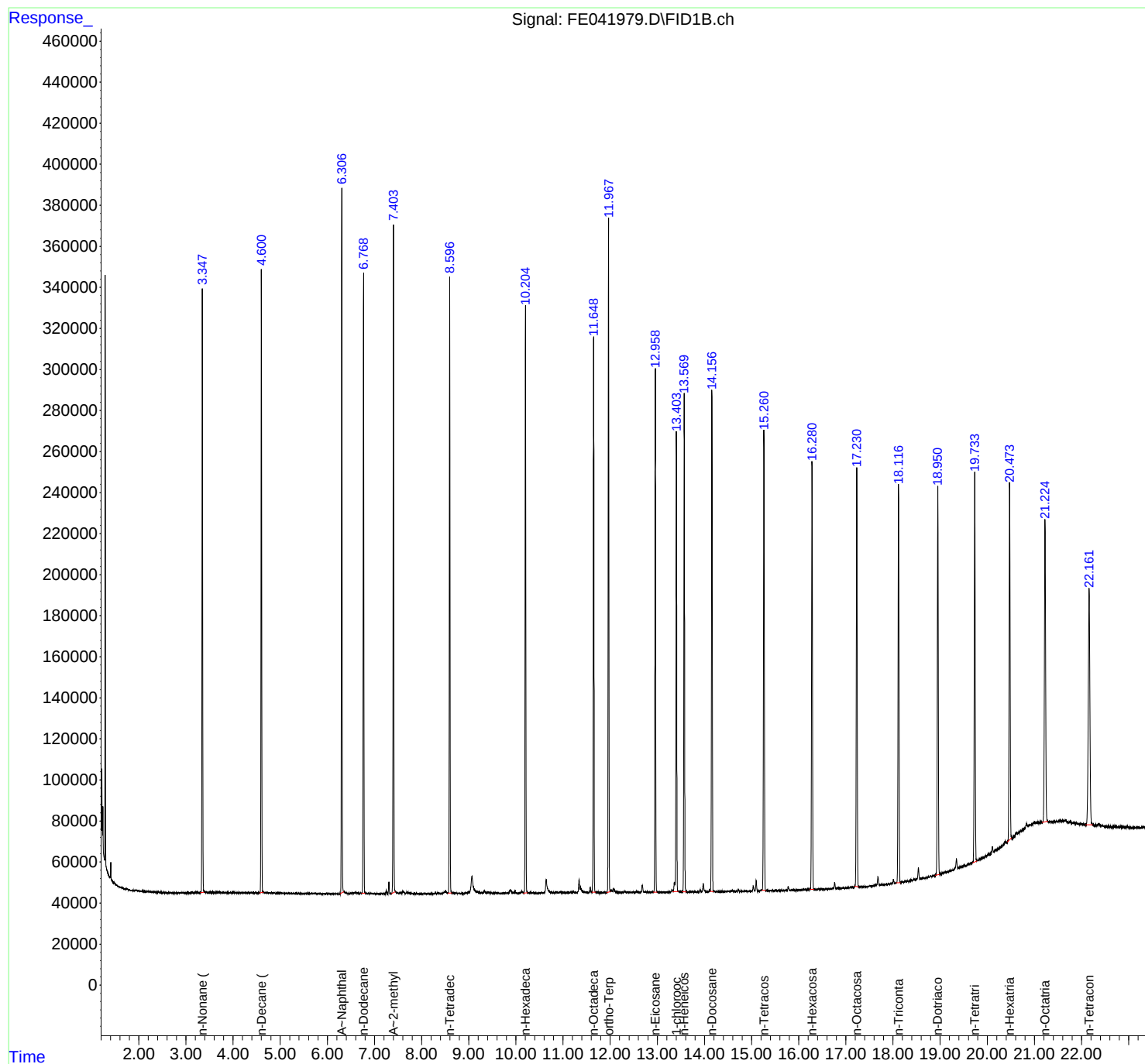
(m)=manual int.

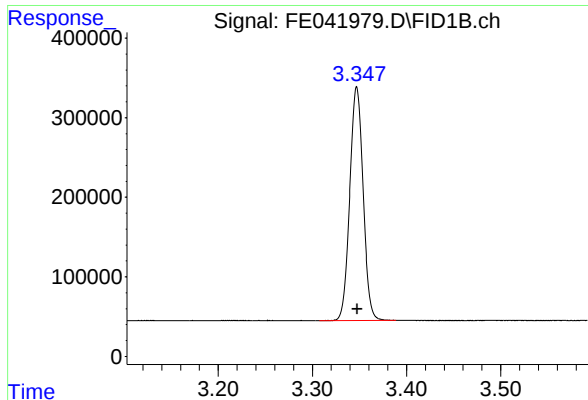
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051823AL\
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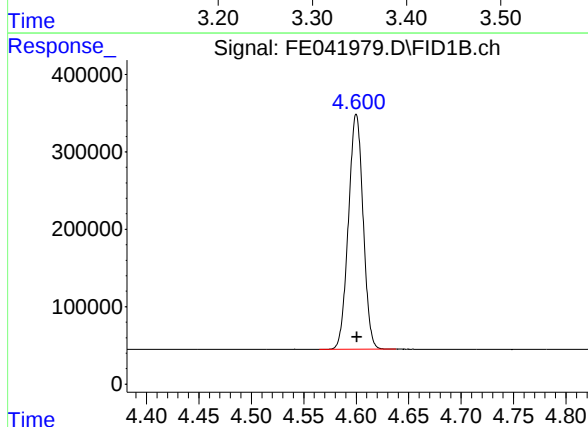




#1 n-Nonane (C9)

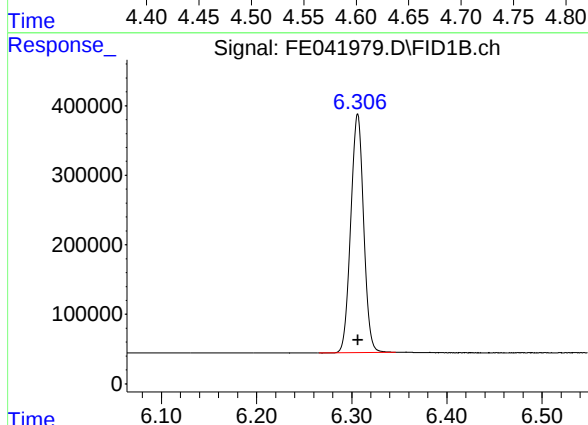
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2884272
Conc: 20.00 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



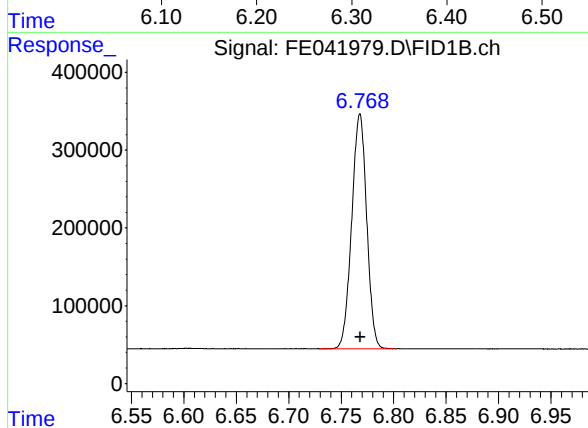
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2963423
Conc: 20.02 ug/ml



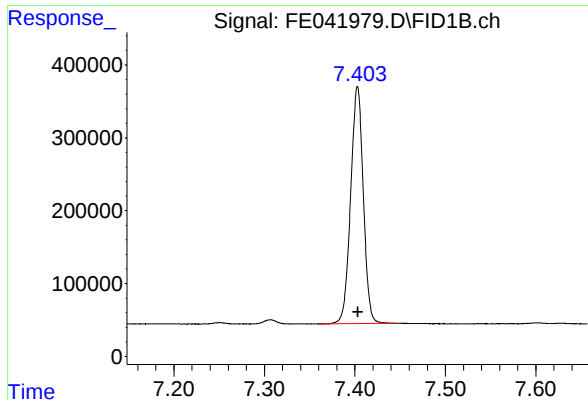
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 3263343
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

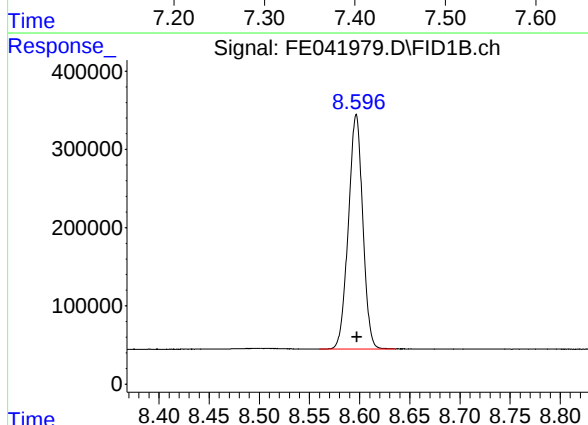
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 2998268
Conc: 19.99 ug/ml



#5 A~2-methylnaphthalene (C12.89)

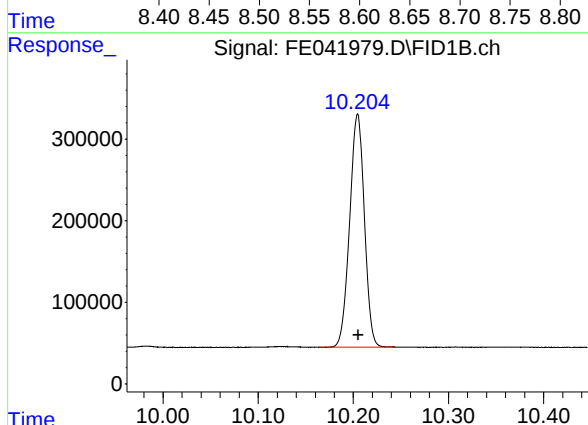
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 3156994
Conc: 19.89 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



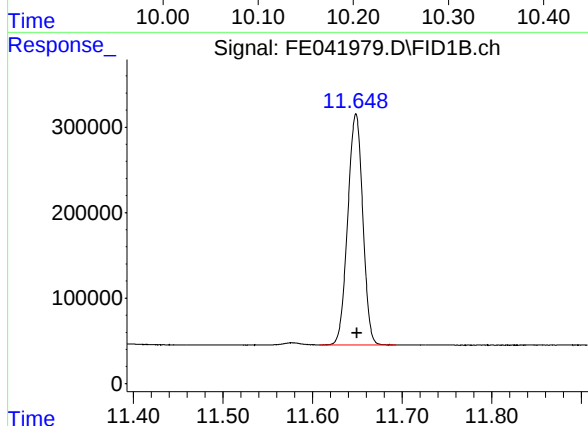
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 2992305
Conc: 19.97 ug/ml



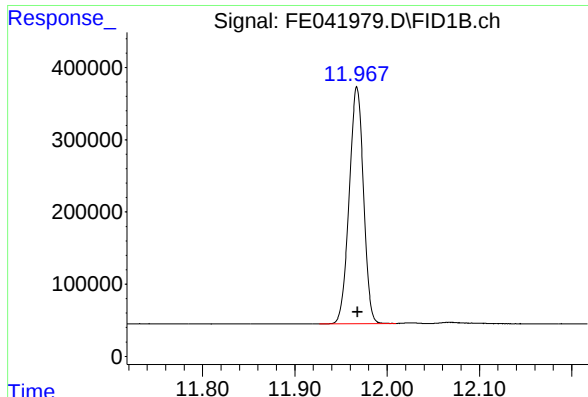
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: 0.000 min
Response: 3105606
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

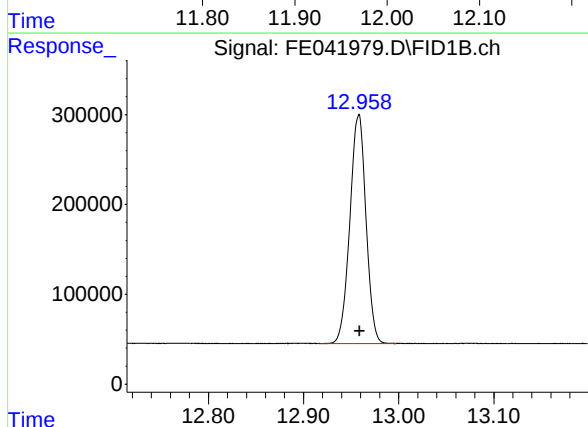
R.T.: 11.648 min
Delta R.T.: 0.000 min
Response: 3151745
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

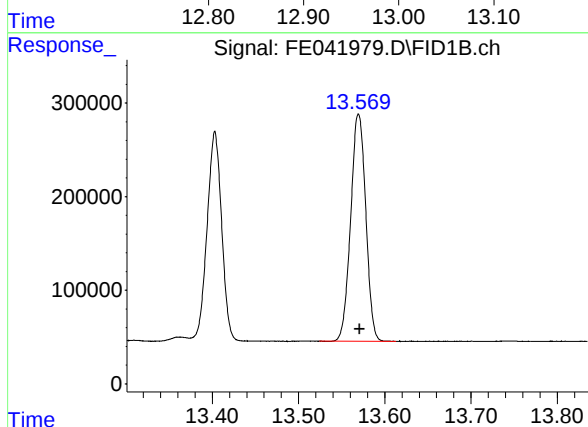
R.T.: 11.967 min
Delta R.T.: 0.000 min
Response: 3521448
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



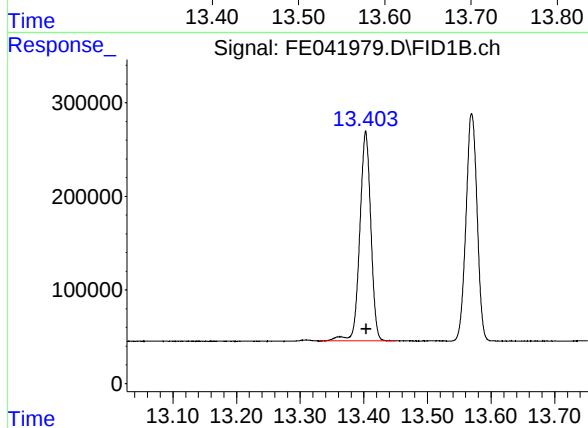
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.001 min
Response: 3020823
Conc: 19.93 ug/ml



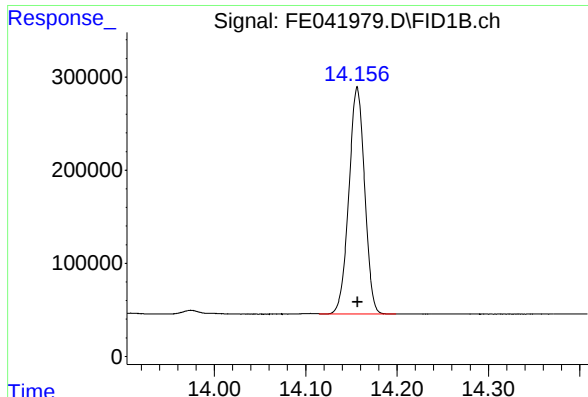
#11 n-Heneicosane (C21)

R.T.: 13.570 min
Delta R.T.: -0.001 min
Response: 2954193
Conc: 19.94 ug/ml



#12 1-chlorooctadecane (SURR)

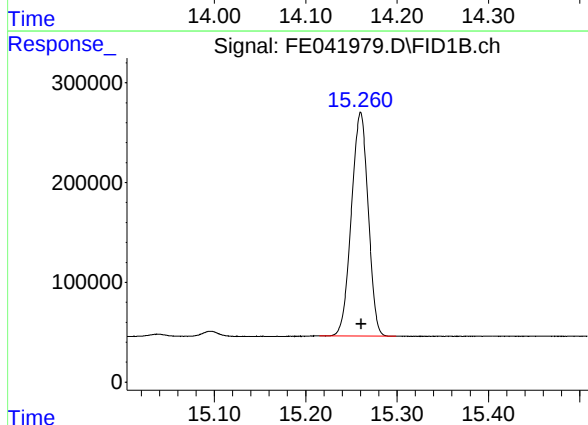
R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 2693603
Conc: 20.27 ug/ml



#13 n-Docosane (C22)

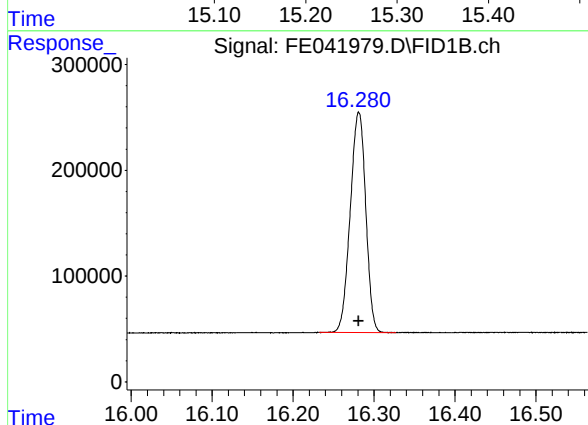
R.T.: 14.156 min
Delta R.T.: 0.000 min
Response: 2917762
Conc: 19.90 ug/ml

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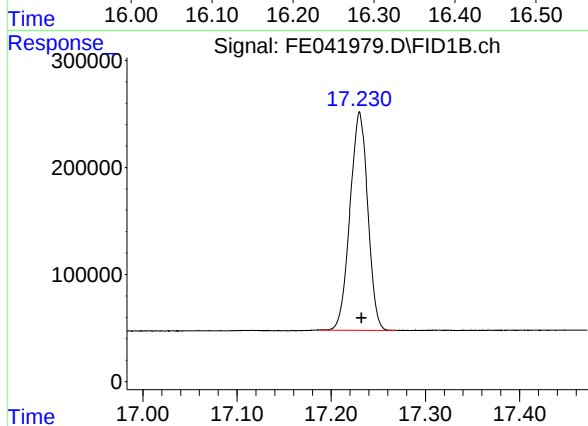
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 2863124
Conc: 19.83 ug/ml



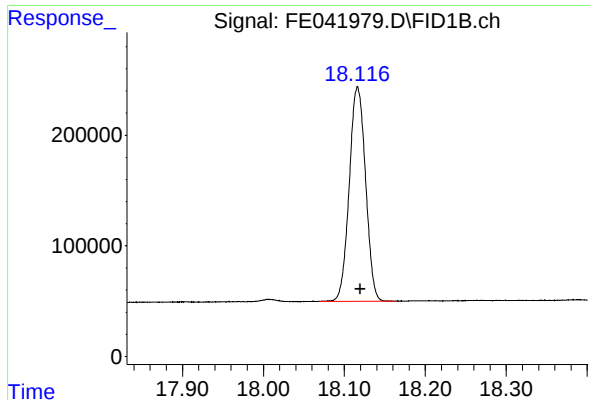
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.000 min
Response: 2772672
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

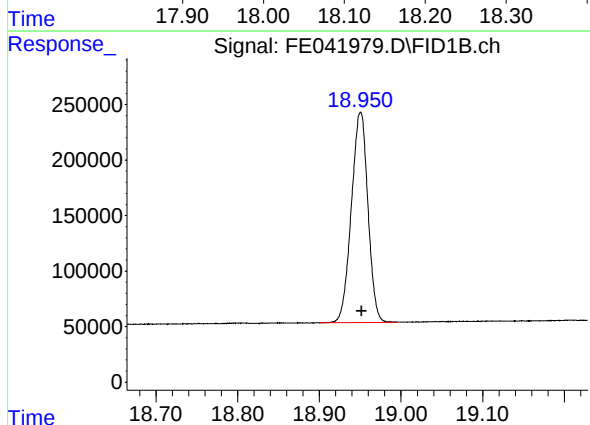
R.T.: 17.230 min
Delta R.T.: -0.002 min
Response: 2675527
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

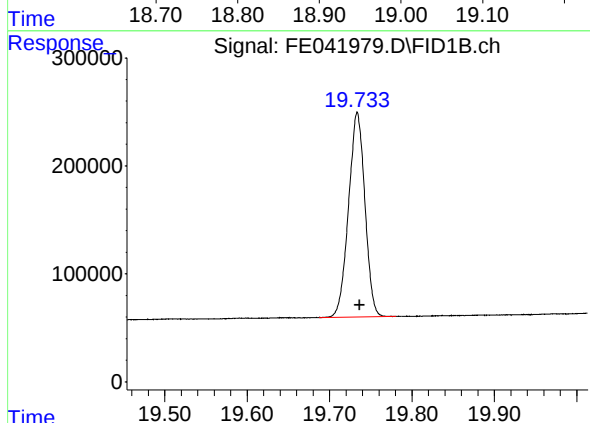
R.T.: 18.116 min
Delta R.T.: -0.003 min
Response: 2710745
Conc: 20.08 ug/ml

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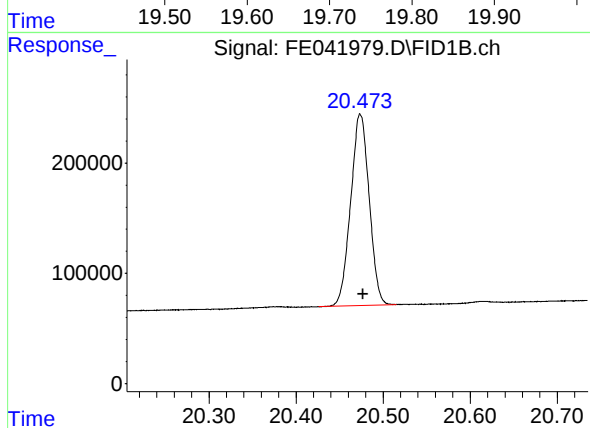
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 2668353
Conc: 19.97 ug/ml



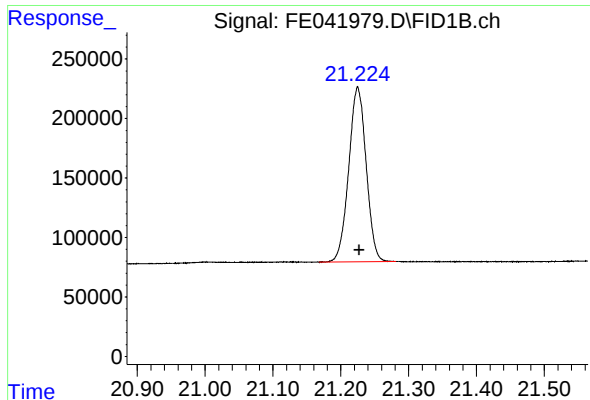
#19 n-Tetatriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.003 min
Response: 2614262
Conc: 19.88 ug/ml



#20 n-Hexatriacontane (C36)

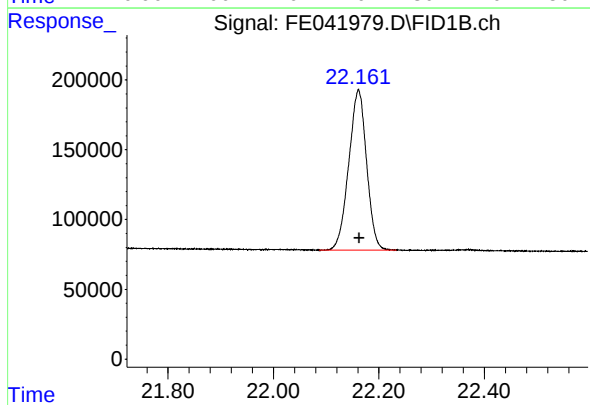
R.T.: 20.474 min
Delta R.T.: -0.003 min
Response: 2561596
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: -0.002 min
Response: 2621096
Conc: 19.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: -0.002 min
Response: 2693565
Conc: 19.36 ug/ml