

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031025AL\
 Data File : FE052704.D
 Signal(s) : FID1B.ch
 Acq On : 10 Mar 2025 17:01
 Operator : YP\AJ
 Sample : Q1524-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11930-343-COMPMSD

Integration File: autoint1.e
 Quant Time: Mar 11 05:20:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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

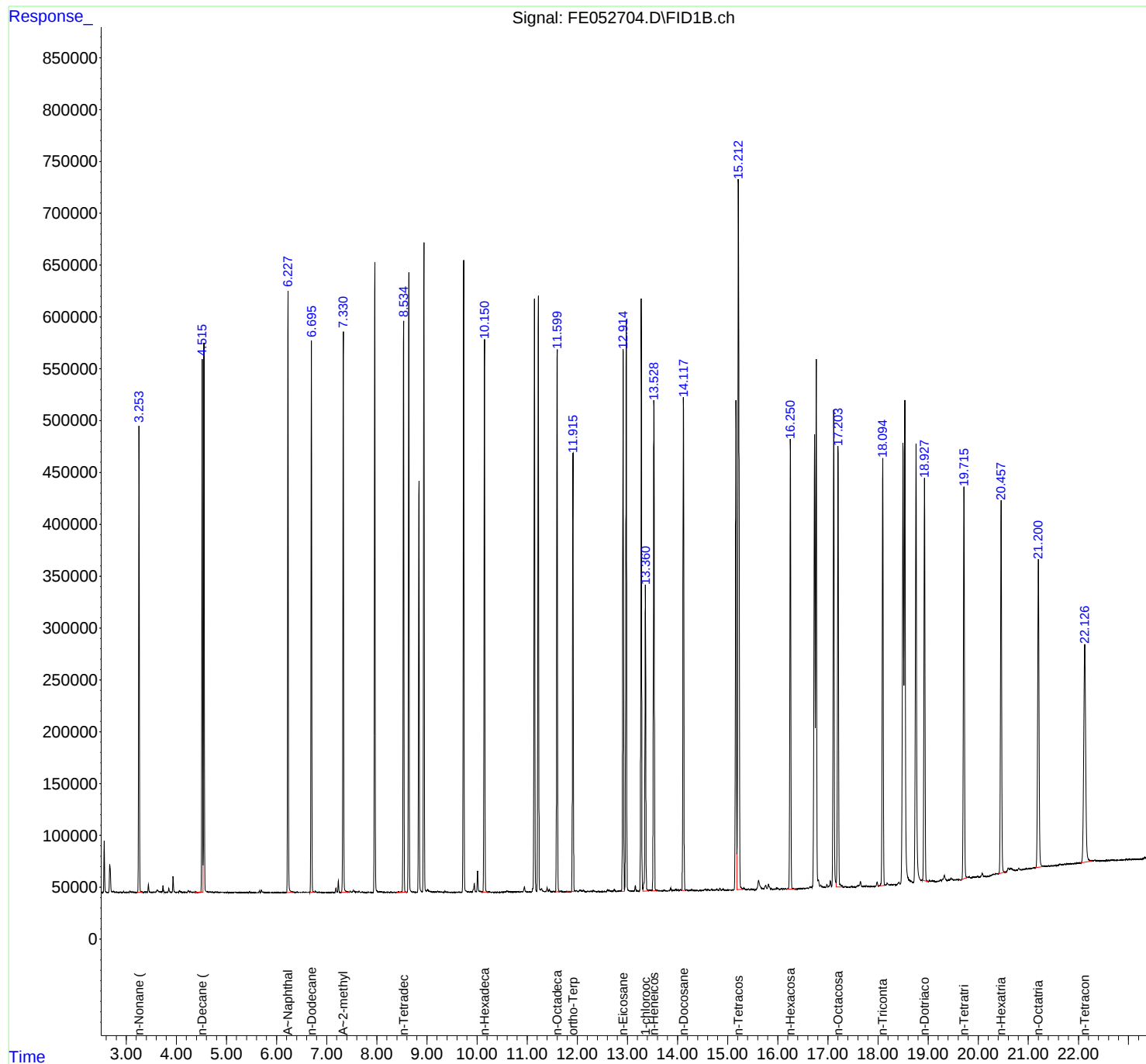
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.914	4775682	28.328 ug/ml
Spiked Amount 50.000		Recovery =	56.66%
12) S 1-chlorooctadecane (S...	13.359	3650371	30.062 ug/ml
Spiked Amount 50.000		Recovery =	60.12%
Target Compounds			
1) T n-Nonane (C9)	3.254	4563967	29.435 ug/ml
2) T n-Decane (C10)	4.515	5014813	31.922 ug/ml
3) T A~Naphthalene (C11.7)	6.227	5728989	33.781 ug/ml
4) T n-Dodecane (C12)	6.695	5410024	34.747 ug/ml
5) T A~2-methylnaphthalene...	7.331	5468328	33.743 ug/ml
6) T n-Tetradecane (C14)	8.534	5804342	38.361 ug/ml
7) T n-Hexadecane (C16)	10.149	6019967	39.375 ug/ml
8) T n-Octadecane (C18)	11.599	6078404	39.952 ug/ml
10) T n-Eicosane (C20)	12.914	6151203	42.371 ug/ml
11) T n-Heneicosane (C21)	13.528	5908775	41.515 ug/ml
13) T n-Docosane (C22)	14.117	5864805	41.212 ug/ml
14) T n-Tetracosane (C24)	15.213	11959443	83.569 ug/ml
15) T n-Hexacosane (C26)	16.250	5744738	40.401 ug/ml
16) T n-Octacosane (C28)	17.202	5844330	41.101 ug/ml
17) T n-Tricontane (C30)	18.094	5764430	39.028 ug/ml
18) T n-Dotriacontane (C32)	18.927	5733321	39.491 ug/ml
19) T n-Tetratriacontane (C34)	19.715	5776376	42.858 ug/ml
20) T n-Hexatriacontane (C36)	20.457	5615195	47.257 ug/ml
21) T n-Octatriacontane (C38)	21.200	5625096	50.706 ug/ml
22) T n-Tetracontane (C40)	22.126	5661313	52.363 ug/ml

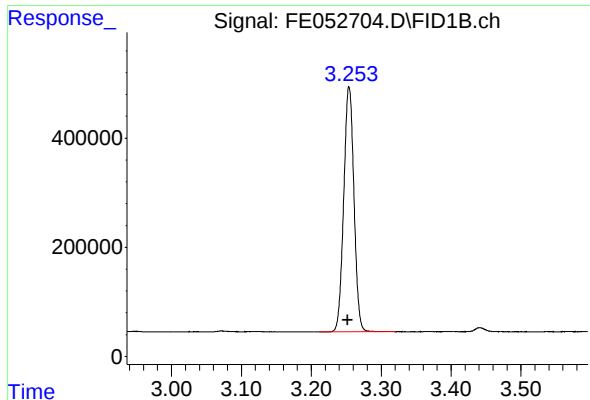
(f)=RT Delta > 1/2 Window

(m)=manual int.

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

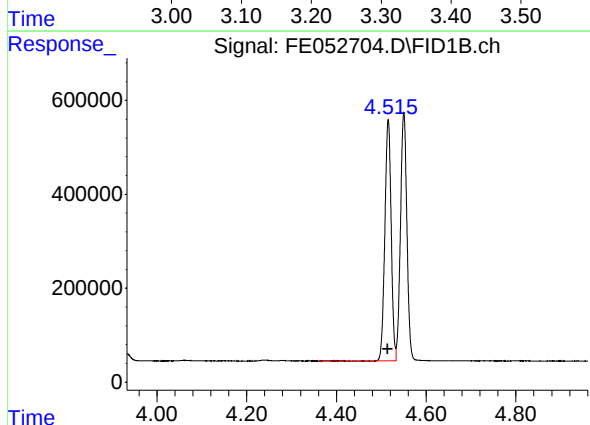




#1 n-Nonane (C9)

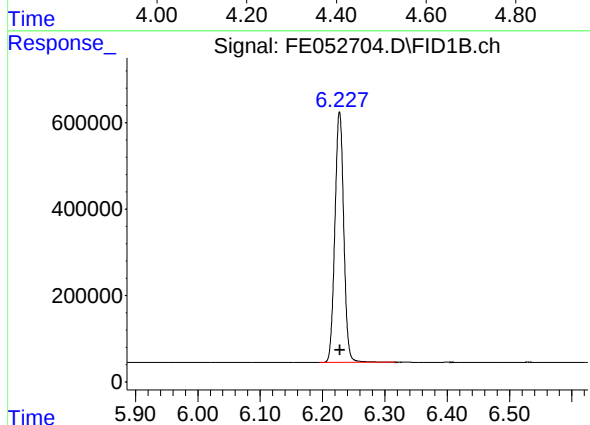
R.T.: 3.254 min
Delta R.T.: 0.002 min
Response: 4563967
Conc: 29.44 ug/ml

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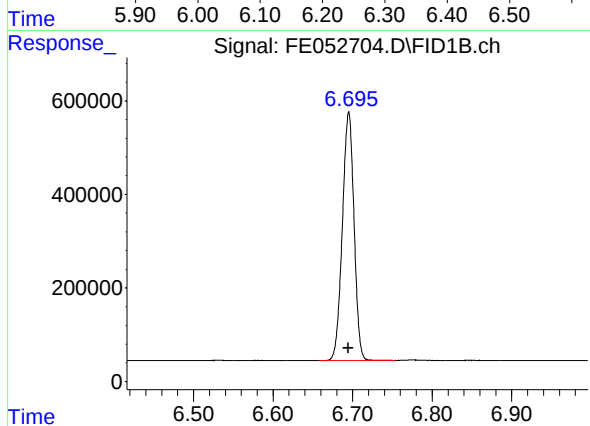
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.002 min
Response: 5014813
Conc: 31.92 ug/ml



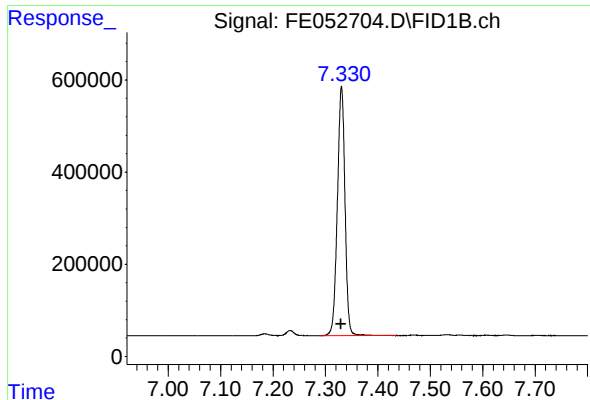
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 5728989
Conc: 33.78 ug/ml



#4 n-Dodecane (C12)

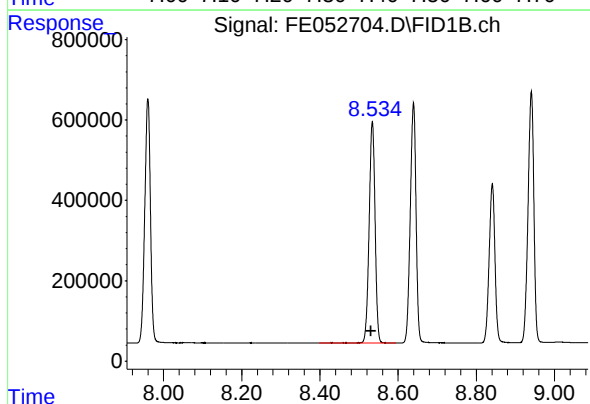
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 5410024
Conc: 34.75 ug/ml



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

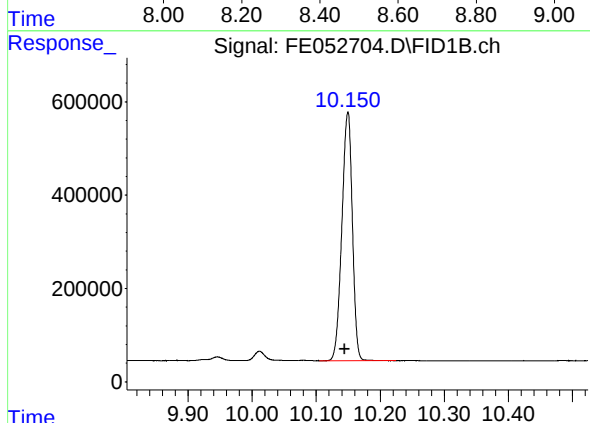
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 5468328
Conc: 33.74 ug/ml

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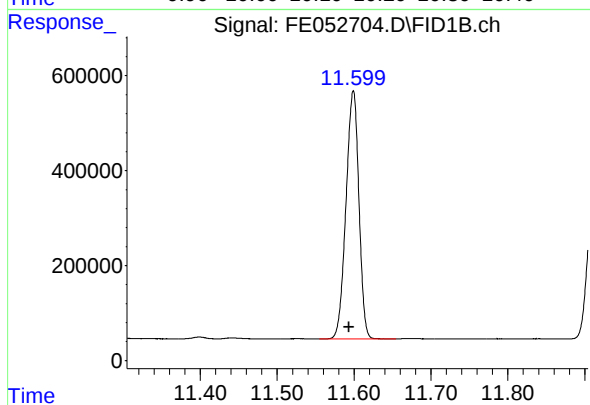
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 5804342
Conc: 38.36 ug/ml



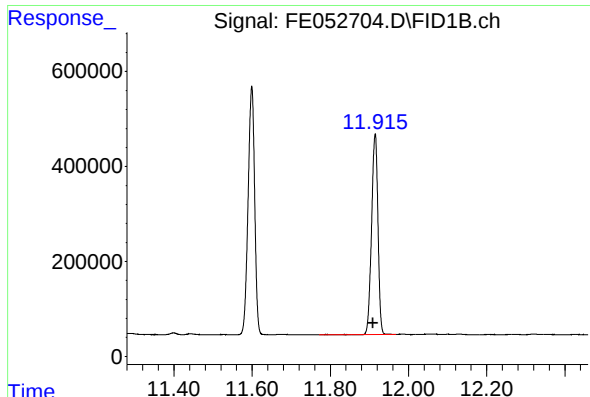
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: 0.005 min
Response: 6019967
Conc: 39.38 ug/ml



#8 n-Octadecane (C18)

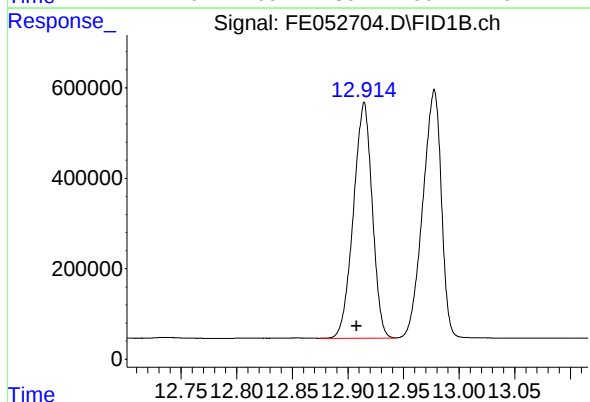
R.T.: 11.599 min
Delta R.T.: 0.006 min
Response: 6078404
Conc: 39.95 ug/ml



#9 ortho-Terphenyl (SURR)

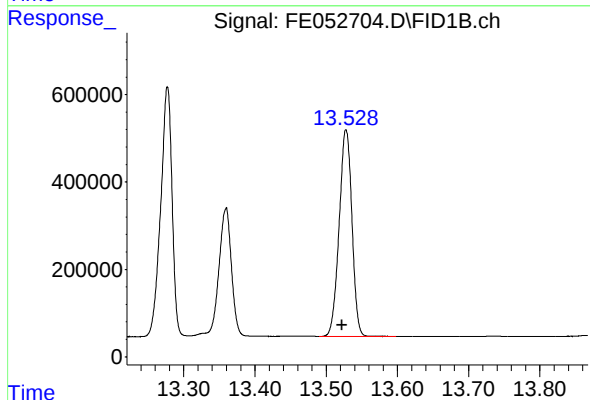
R.T.: 11.914 min
Delta R.T.: 0.006 min
Response: 4775682
Conc: 28.33 ug/ml

Instrument :
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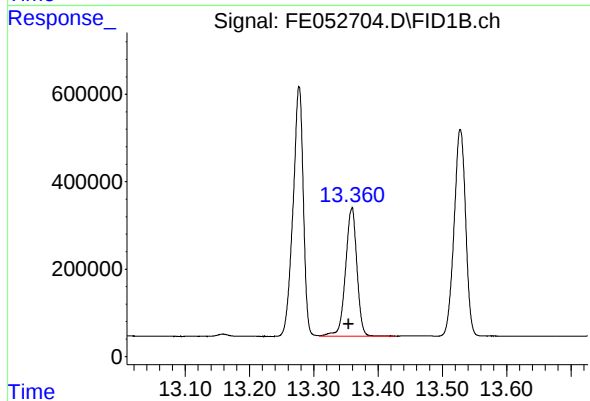
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.007 min
Response: 6151203
Conc: 42.37 ug/ml



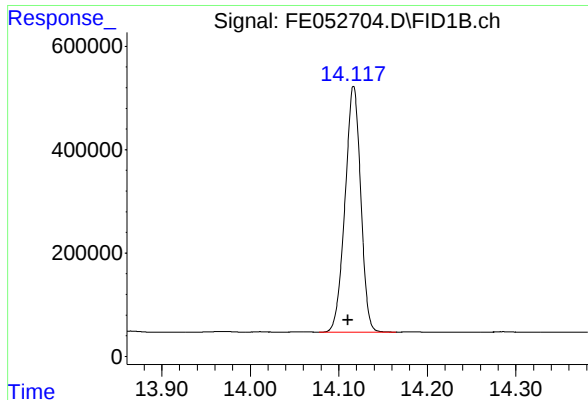
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.006 min
Response: 5908775
Conc: 41.51 ug/ml



#12 1-chlorooctadecane (SURR)

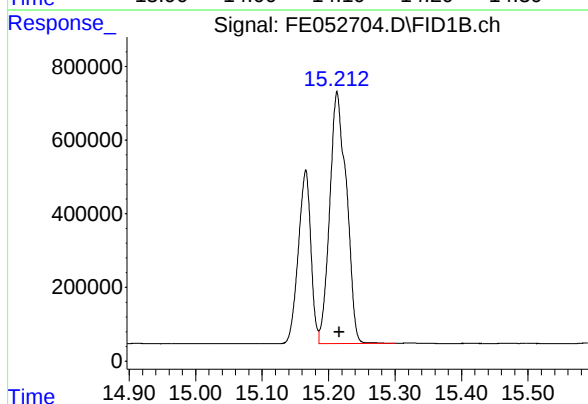
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 3650371
Conc: 30.06 ug/ml



#13 n-Docosane (C22)

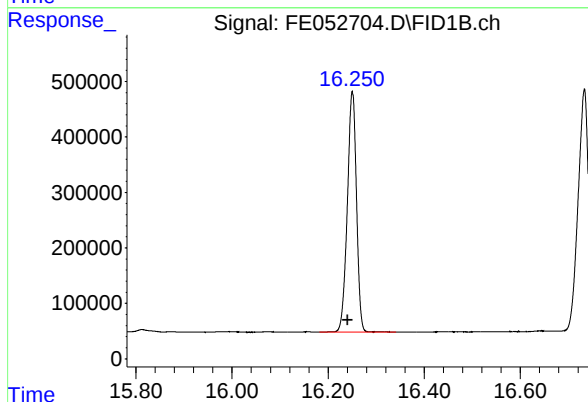
R.T.: 14.117 min
Delta R.T.: 0.007 min
Response: 5864805
Conc: 41.21 ug/ml

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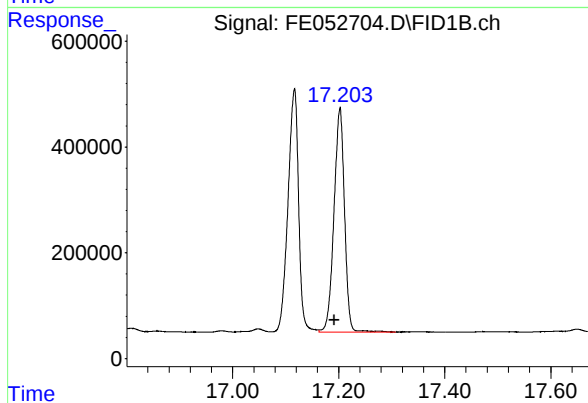
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.003 min
Response: 11959443
Conc: 83.57 ug/ml



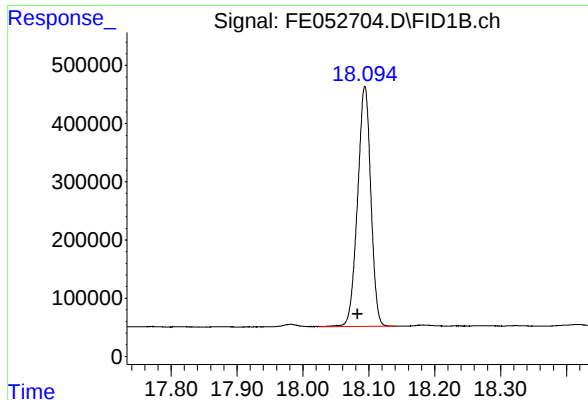
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: 0.010 min
Response: 5744738
Conc: 40.40 ug/ml



#16 n-Octacosane (C28)

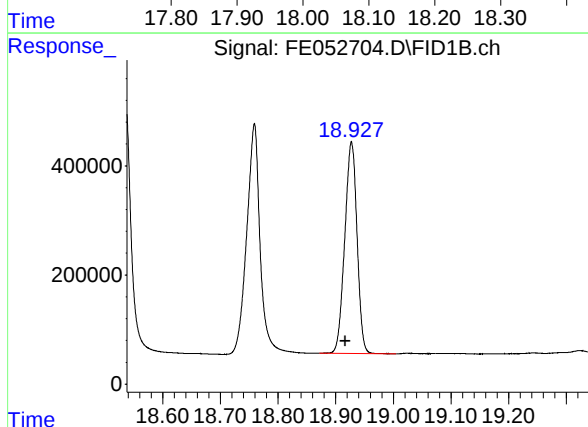
R.T.: 17.202 min
Delta R.T.: 0.010 min
Response: 5844330
Conc: 41.10 ug/ml



#17 n-Tricontane (C30)

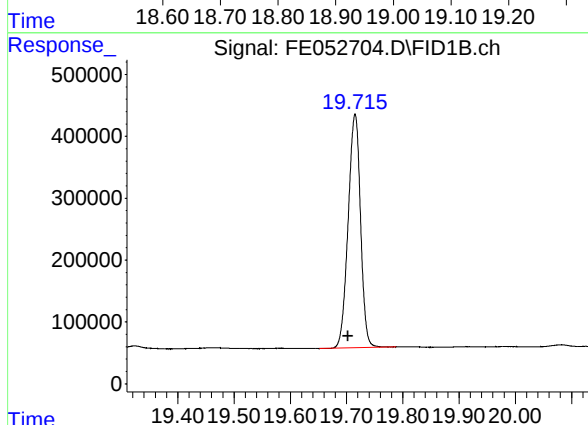
R.T.: 18.094 min
Delta R.T.: 0.011 min
Response: 5764430
Conc: 39.03 ug/ml

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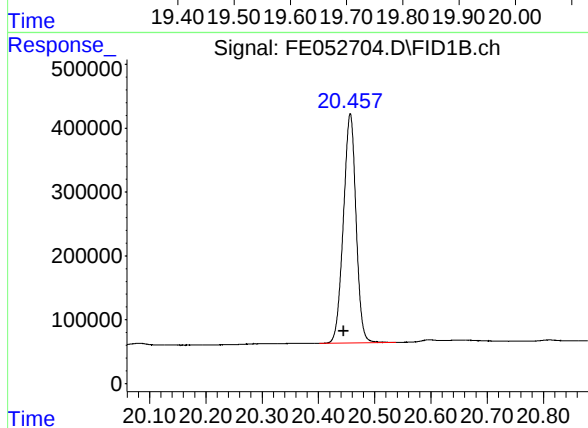
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.010 min
Response: 5733321
Conc: 39.49 ug/ml



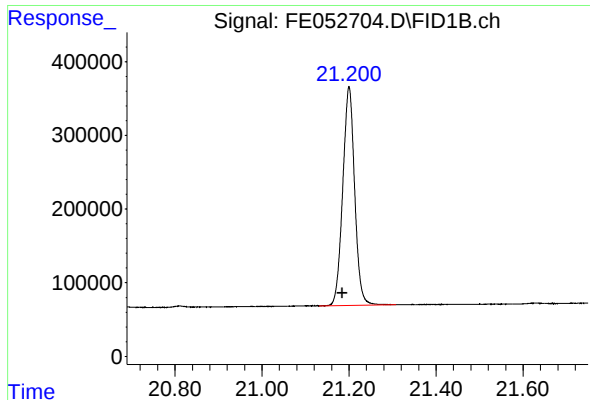
#19 n-Tetatriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.012 min
Response: 5776376
Conc: 42.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 5615195
Conc: 47.26 ug/ml



#21 n-Octatriacontane (C38)

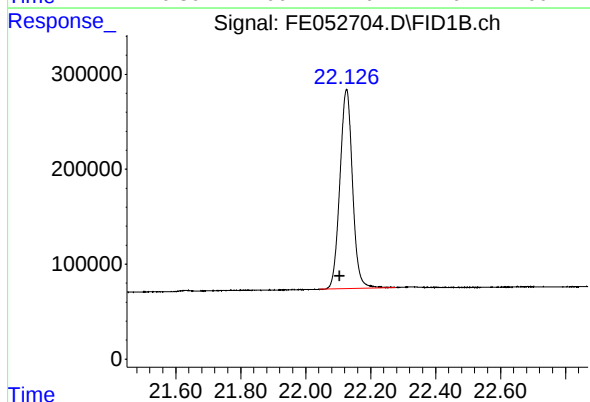
R.T.: 21.200 min
Delta R.T.: 0.015 min
Response: 5625096
Conc: 50.71 ug/ml

Instrument :

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: 0.021 min
Response: 5661313
Conc: 52.36 ug/ml