

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110623AL\
 Data File : FE045202.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2023 08:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 06 11:14:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.890	4307102	22.559 ug/ml
Spiked Amount 50.000		Recovery =	45.12%
12) S 1-chlorooctadecane (S...	13.332	3008703	21.844 ug/ml
Spiked Amount 50.000		Recovery =	43.69%
Target Compounds			
1) T n-Nonane (C9)	3.274	3595754	21.766 ug/ml
2) T n-Decane (C10)	4.525	3807770	22.709 ug/ml
3) T A~Naphthalene (C11.7)	6.227	4040703	22.637 ug/ml
4) T n-Dodecane (C12)	6.692	3827091	22.661 ug/ml
5) T A~2-methylnaphthalene...	7.322	3853244	22.439 ug/ml
6) T n-Tetradecane (C14)	8.518	3768619	22.612 ug/ml
7) T n-Hexadecane (C16)	10.129	3809553	22.649 ug/ml
8) T n-Octadecane (C18)	11.575	3766132	22.502 ug/ml
10) T n-Eicosane (C20)	12.887	3558712	22.465 ug/ml
11) T n-Heneicosane (C21)	13.501	3460449	22.506 ug/ml
13) T n-Docosane (C22)	14.087	3405606	22.477 ug/ml
14) T n-Tetracosane (C24)	15.193	3342216	22.566 ug/ml
15) T n-Hexacosane (C26)	16.217	3293378	22.595 ug/ml
16) T n-Octacosane (C28)	17.169	3362967	23.014 ug/ml
17) T n-Tricontane (C30)	18.060	3657716	24.080 ug/ml
18) T n-Dotriacontane (C32)	18.894	3796600	24.303 ug/ml
19) T n-Tetratriacontane (C34)	19.683	3731199	23.897 ug/ml
20) T n-Hexatriacontane (C36)	20.423	3810524	23.476 ug/ml
21) T n-Octatriacontane (C38)	21.164	3651441	21.978 ug/ml
22) T n-Tetracontane (C40)	22.079	3751155	21.961 ug/ml

(f)=RT Delta > 1/2 Window

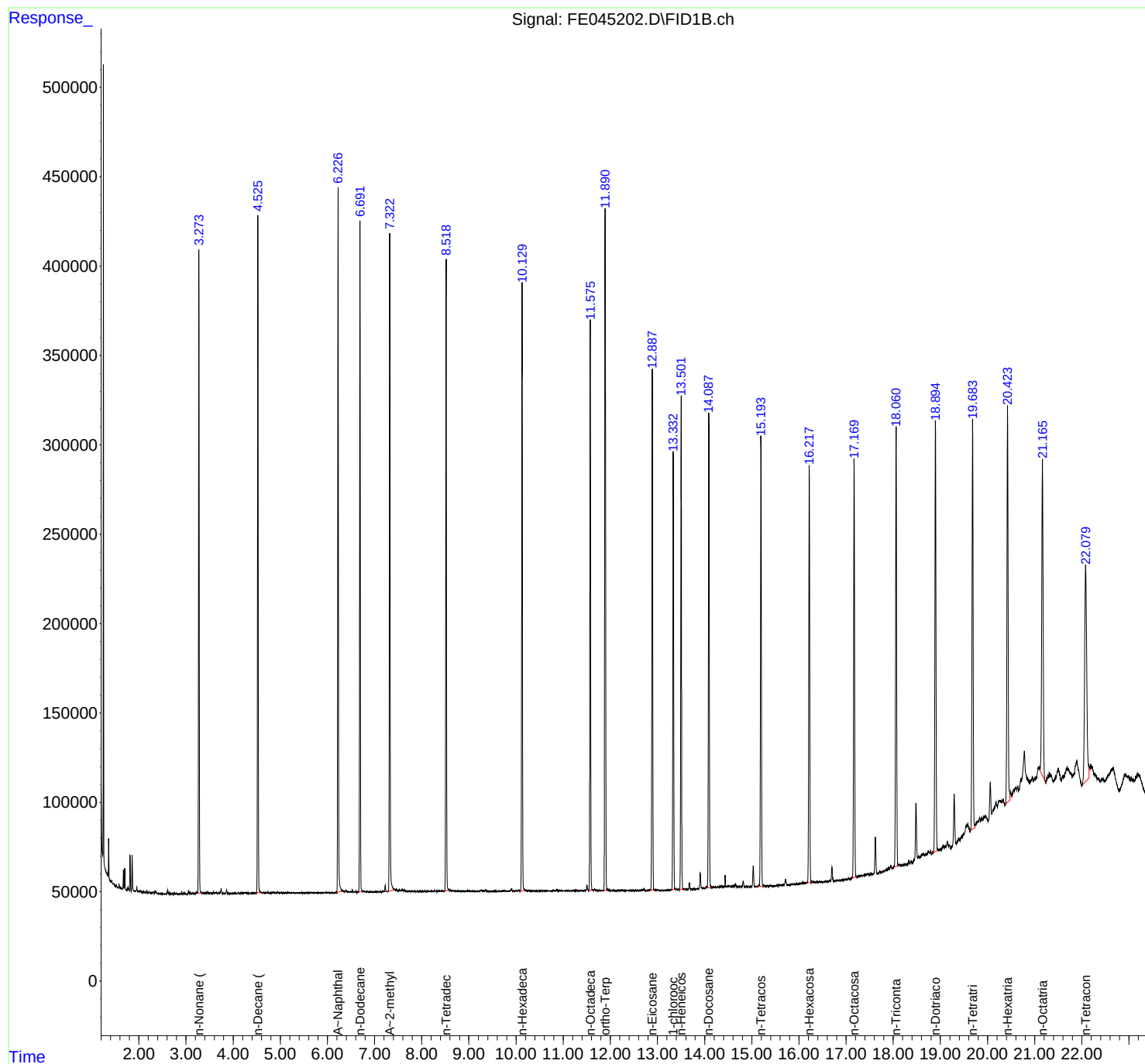
(m)=manual int.

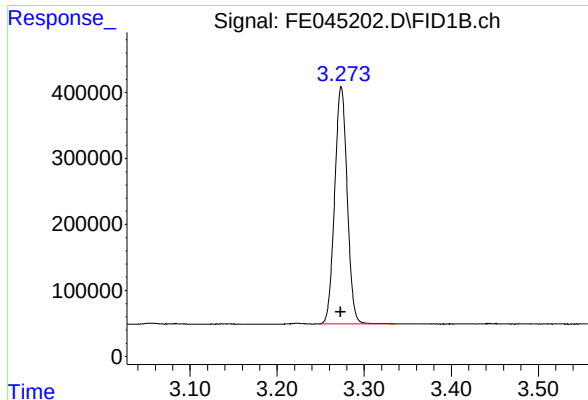
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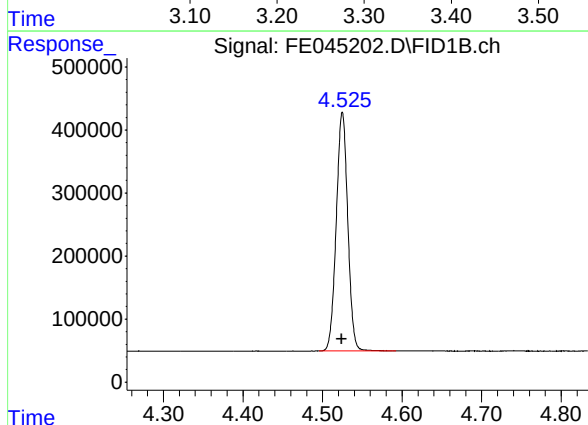




#1 n-Nonane (C9)

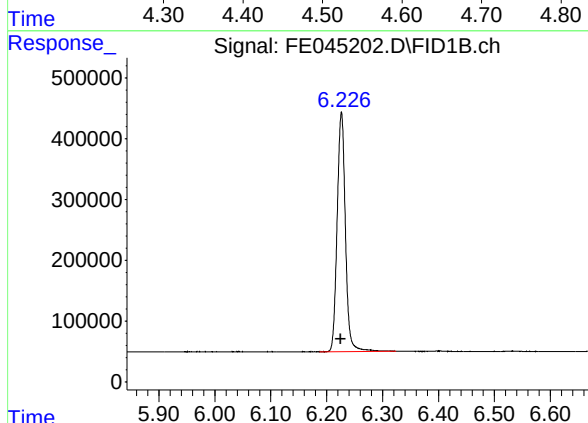
R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 3595754
Conc: 21.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



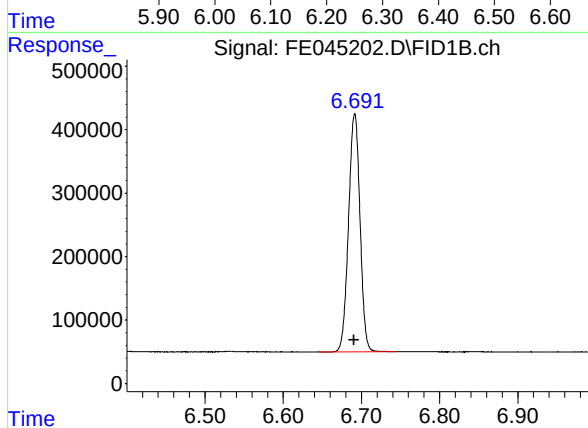
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3807770
Conc: 22.71 ug/ml



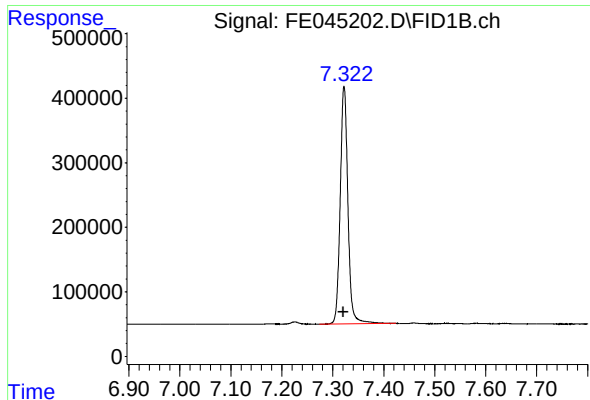
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 4040703
Conc: 22.64 ug/ml



#4 n-Dodecane (C12)

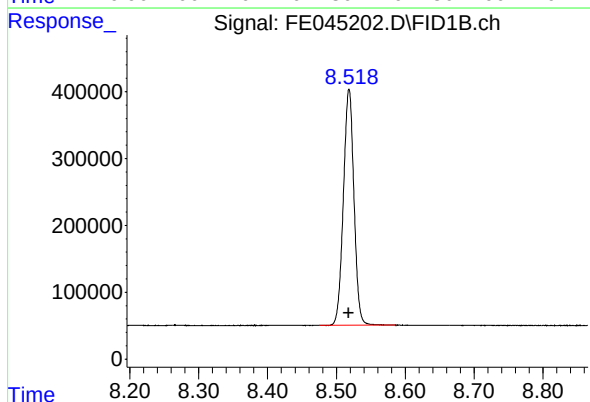
R.T.: 6.692 min
Delta R.T.: 0.001 min
Response: 3827091
Conc: 22.66 ug/ml



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

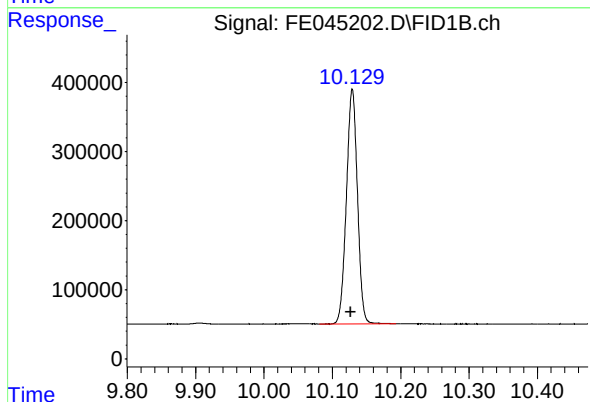
R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 3853244
Conc: 22.44 ug/ml

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20 PPM ALIPHATIC HC STD



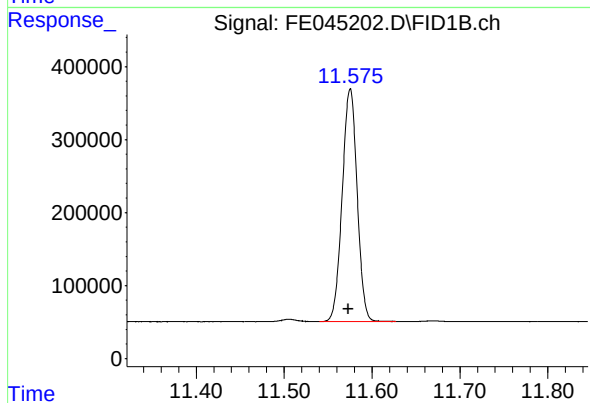
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 3768619
Conc: 22.61 ug/ml



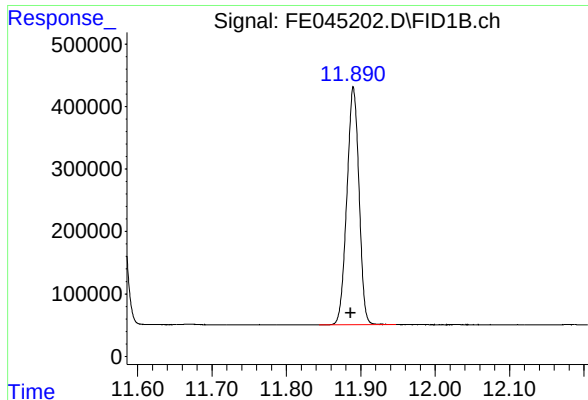
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.002 min
Response: 3809553
Conc: 22.65 ug/ml



#8 n-Octadecane (C18)

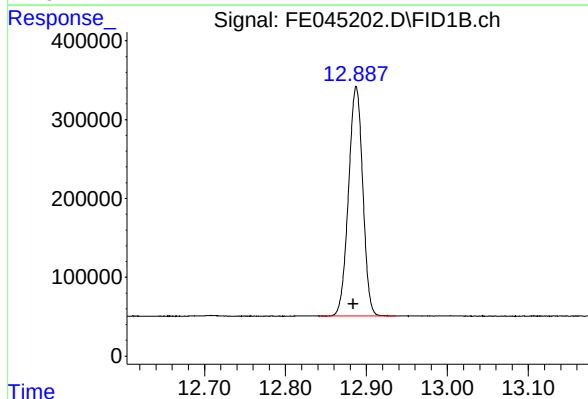
R.T.: 11.575 min
Delta R.T.: 0.002 min
Response: 3766132
Conc: 22.50 ug/ml



#9 ortho-Terphenyl (SURR)

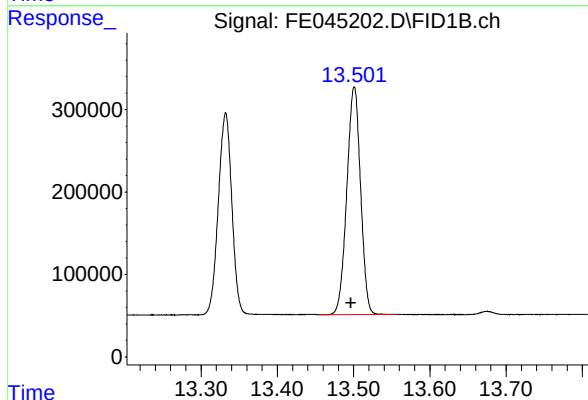
R.T.: 11.890 min
Delta R.T.: 0.003 min
Response: 4307102
Conc: 22.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



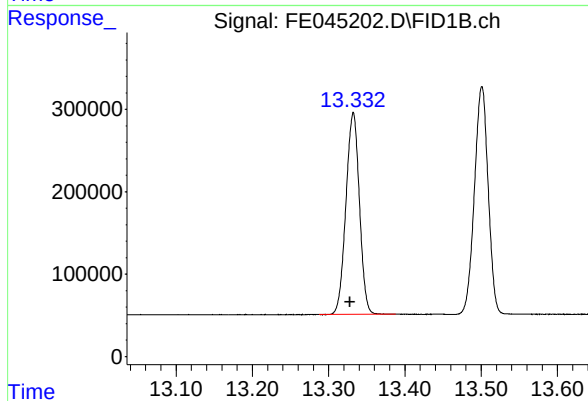
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: 0.004 min
Response: 3558712
Conc: 22.47 ug/ml



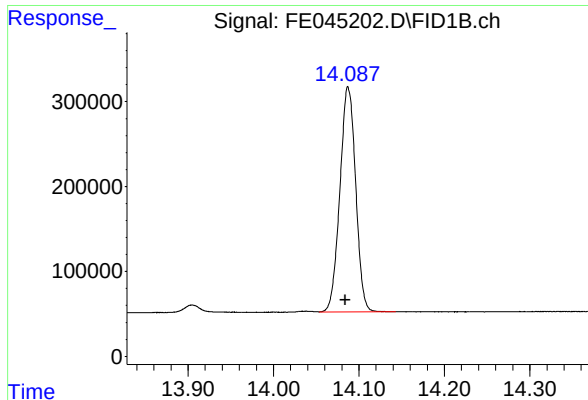
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.004 min
Response: 3460449
Conc: 22.51 ug/ml



#12 1-chlorooctadecane (SURR)

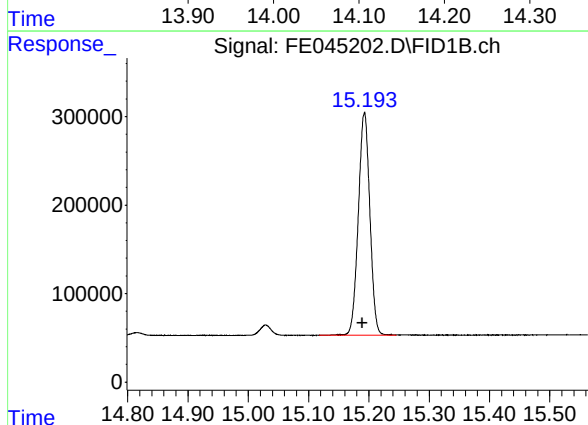
R.T.: 13.332 min
Delta R.T.: 0.004 min
Response: 3008703
Conc: 21.84 ug/ml



#13 n-Docosane (C22)

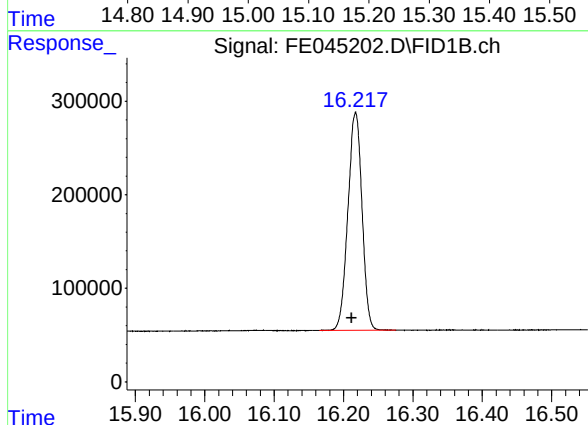
R.T.: 14.087 min
Delta R.T.: 0.003 min
Response: 3405606
Conc: 22.48 ug/ml

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20 PPM ALIPHATIC HC STD



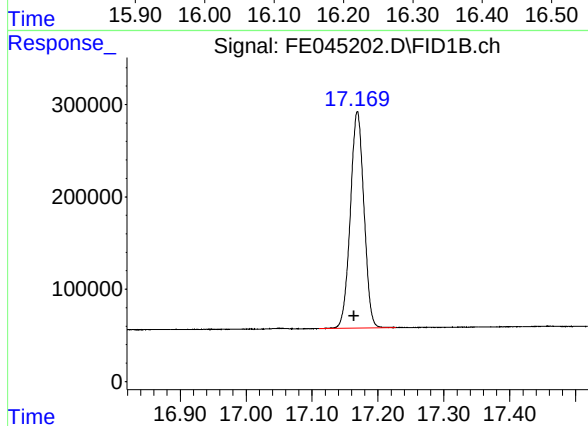
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.003 min
Response: 3342216
Conc: 22.57 ug/ml



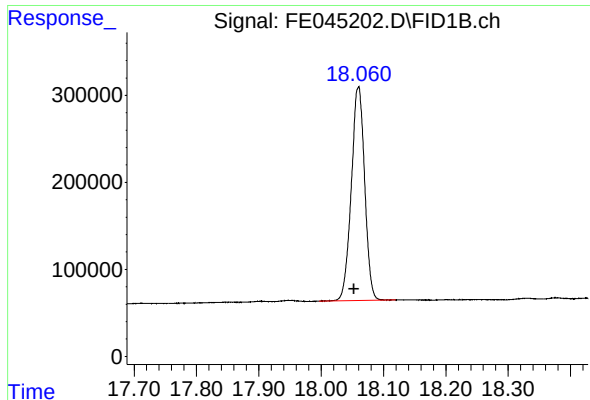
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.006 min
Response: 3293378
Conc: 22.60 ug/ml



#16 n-Octacosane (C28)

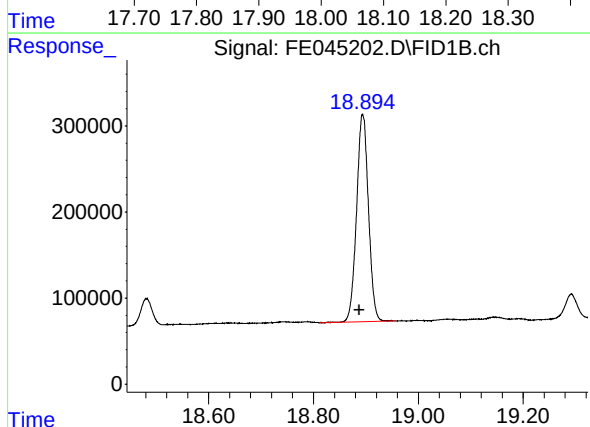
R.T.: 17.169 min
Delta R.T.: 0.005 min
Response: 3362967
Conc: 23.01 ug/ml



#17 n-Tricontane (C30)

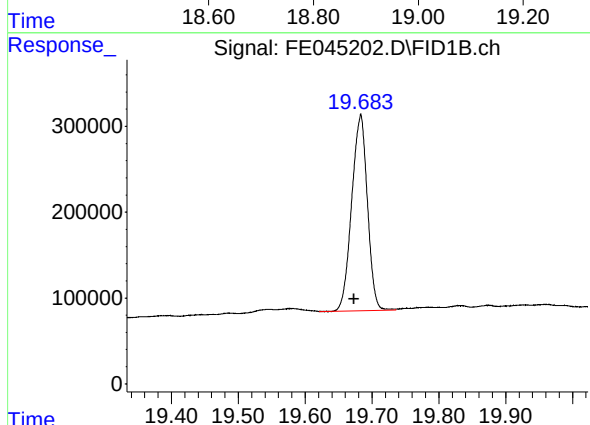
R.T.: 18.060 min
Delta R.T.: 0.007 min
Response: 3657716
Conc: 24.08 ug/ml

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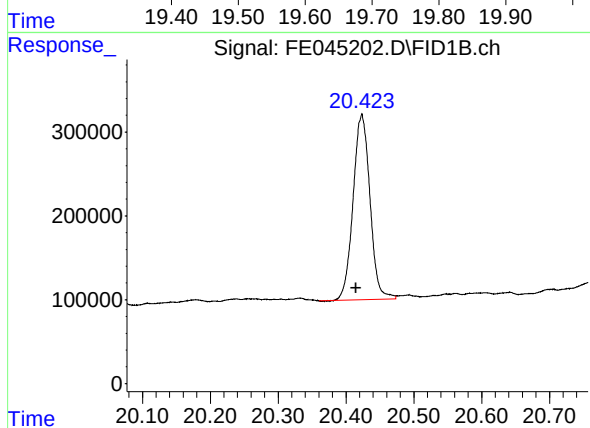
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: 0.006 min
Response: 3796600
Conc: 24.30 ug/ml



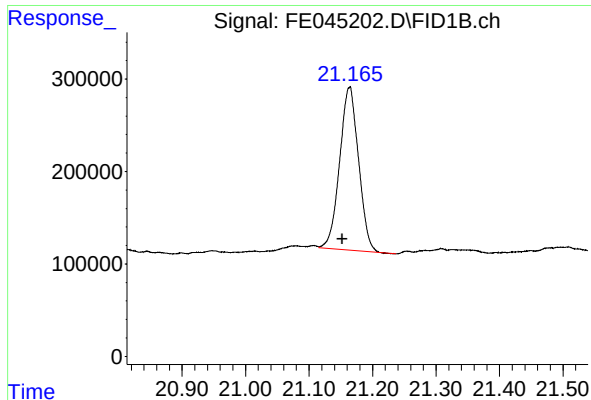
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: 0.010 min
Response: 3731199
Conc: 23.90 ug/ml



#20 n-Hexatriacontane (C36)

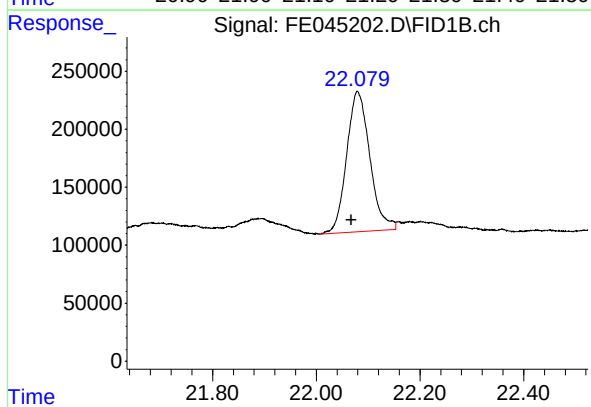
R.T.: 20.423 min
Delta R.T.: 0.009 min
Response: 3810524
Conc: 23.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: 0.012 min
Response: 3651441
Conc: 21.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: 0.012 min
Response: 3751155
Conc: 21.96 ug/ml