

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081723AL\
 Data File : FE044031.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2023 20:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 17 23:45:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.946	4084501	19.821 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
12) S 1-chlorooctadecane (S...	13.382	3054032	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.338	3417709	21.164 ug/ml
2) T n-Decane (C10)	4.589	3524040	21.382 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3881363	21.318 ug/ml
4) T n-Dodecane (C12)	6.751	3575280	21.362 ug/ml
5) T A~2-methylnaphthalene...	7.383	3752797	21.080 ug/ml
6) T n-Tetradecane (C14)	8.577	3572928	21.206 ug/ml
7) T n-Hexadecane (C16)	10.185	3690511	20.921 ug/ml
8) T n-Octadecane (C18)	11.628	3717387	20.521 ug/ml
10) T n-Eicosane (C20)	12.939	3545345	20.034 ug/ml
11) T n-Heneicosane (C21)	13.551	3458459	19.532 ug/ml
13) T n-Docosane (C22)	14.138	3412991	19.458 ug/ml
14) T n-Tetracosane (C24)	15.241	3347096	19.050 ug/ml
15) T n-Hexacosane (C26)	16.262	3243337	18.766 ug/ml
16) T n-Octacosane (C28)	17.212	3095175	18.499 ug/ml
17) T n-Tricontane (C30)	18.100	3114412	18.804 ug/ml
18) T n-Dotriacontane (C32)	18.934	3040360	19.256 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2940362	19.787 ug/ml
20) T n-Hexatriacontane (C36)	20.460	2880607	20.608 ug/ml
21) T n-Octatriacontane (C38)	21.203	2937138	22.017 ug/ml
22) T n-Tetracontane (C40)	22.129	3040075	23.561 ug/ml

(f)=RT Delta > 1/2 Window

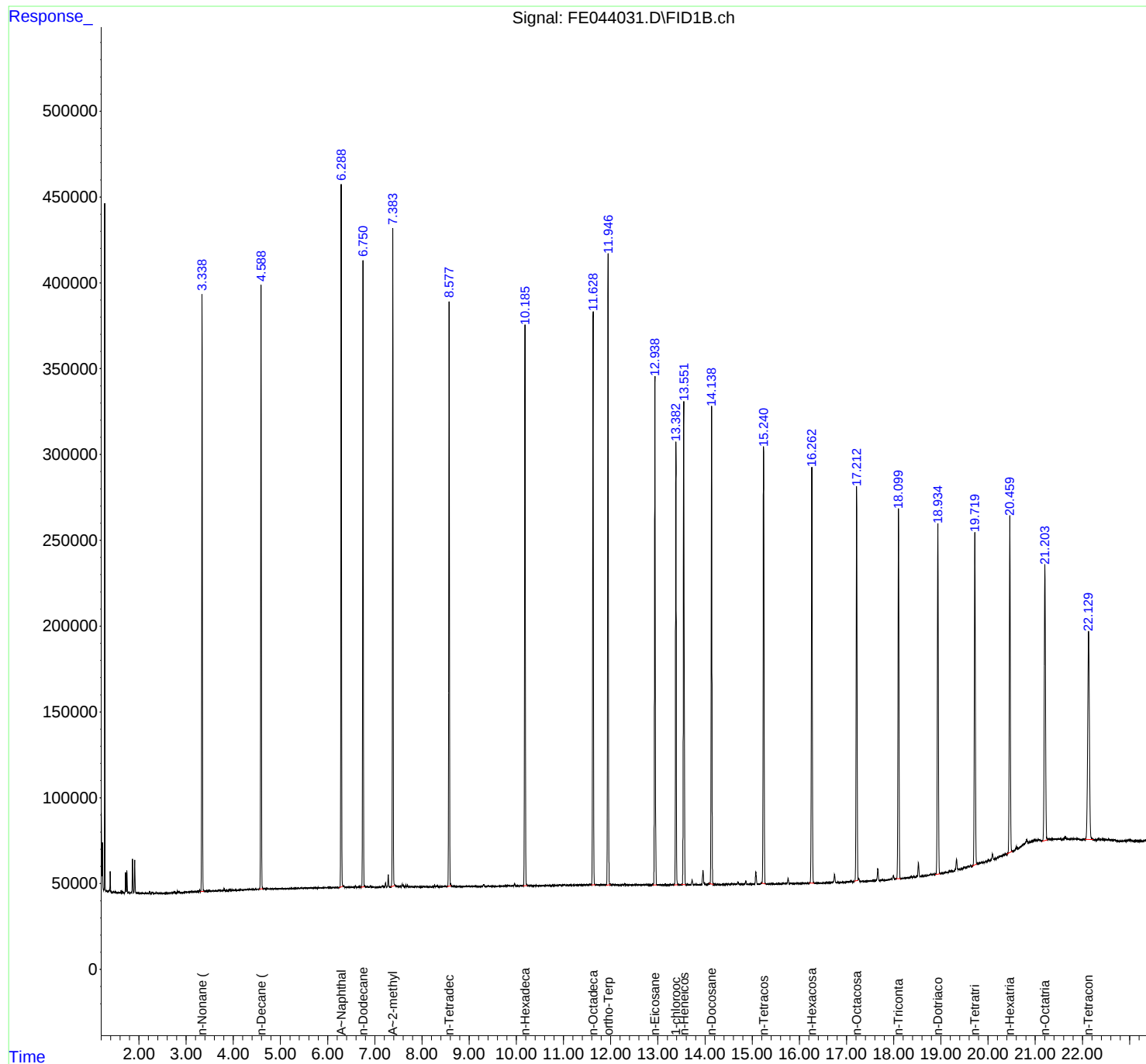
(m)=manual int.

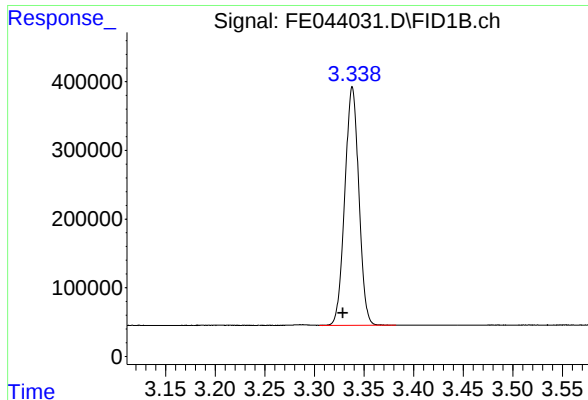
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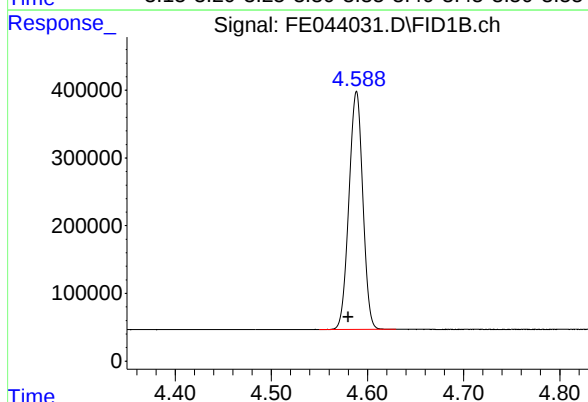




#1 n-Nonane (C9)

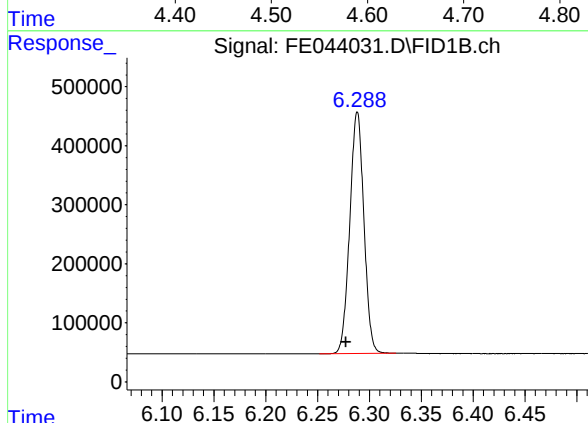
R.T.: 3.338 min
Delta R.T.: 0.009 min
Response: 3417709
Conc: 21.16 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



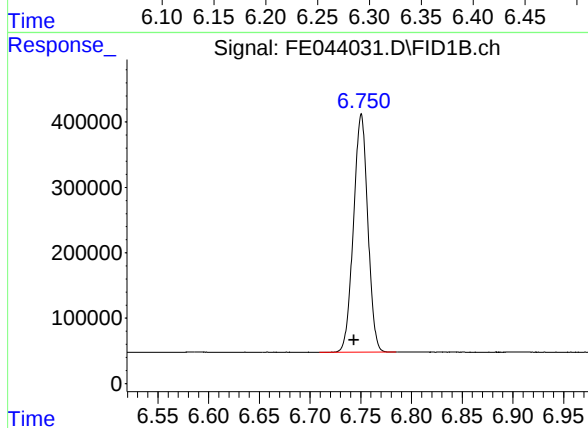
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.009 min
Response: 3524040
Conc: 21.38 ug/ml



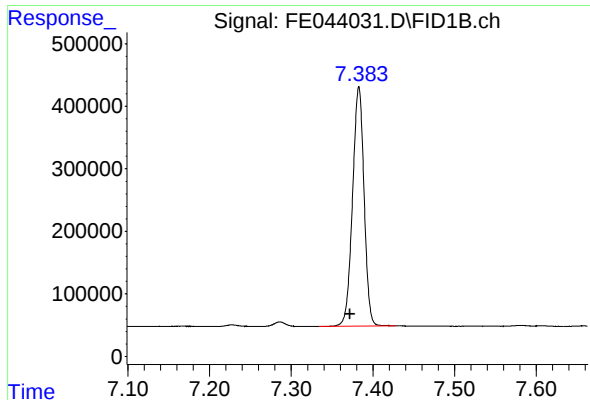
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.011 min
Response: 3881363
Conc: 21.32 ug/ml



#4 n-Dodecane (C12)

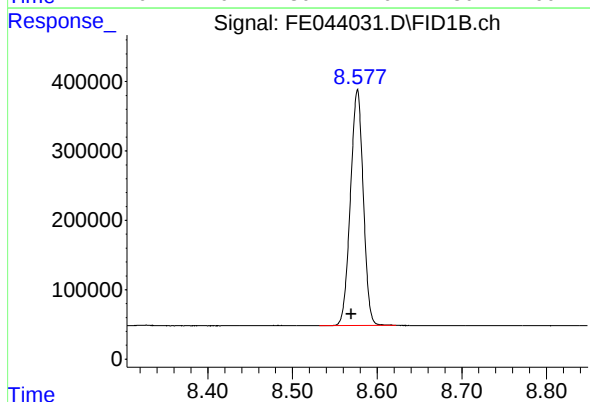
R.T.: 6.751 min
Delta R.T.: 0.007 min
Response: 3575280
Conc: 21.36 ug/ml



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

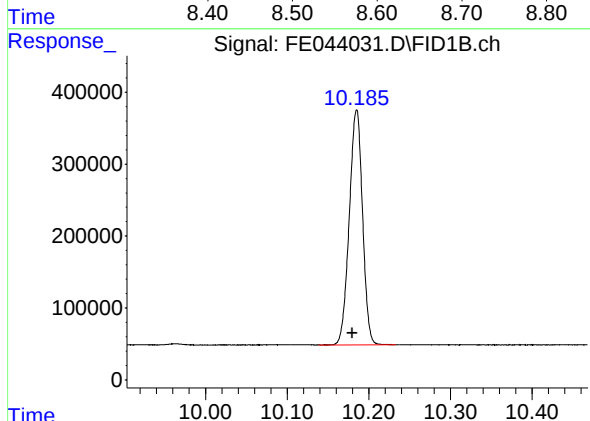
R.T.: 7.383 min
Delta R.T.: 0.011 min
Response: 3752797
Conc: 21.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



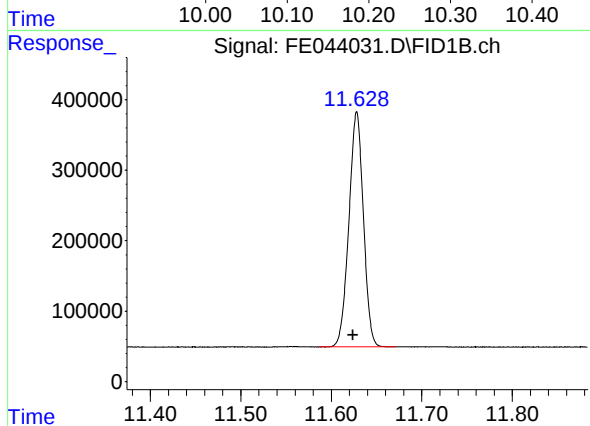
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 3572928
Conc: 21.21 ug/ml



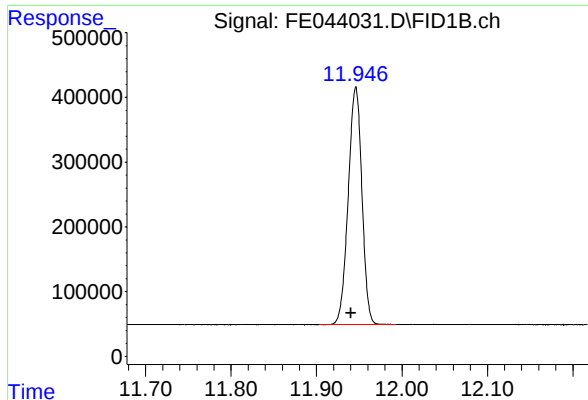
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.005 min
Response: 3690511
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

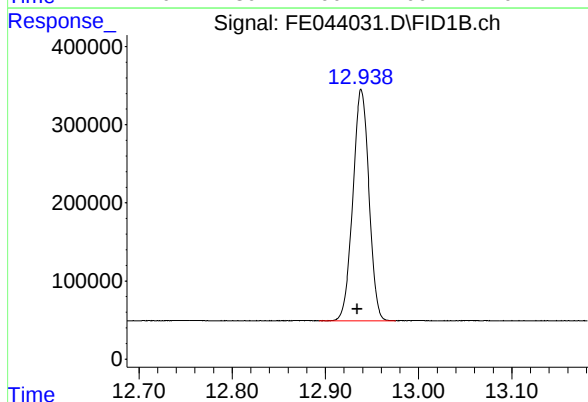
R.T.: 11.628 min
Delta R.T.: 0.004 min
Response: 3717387
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

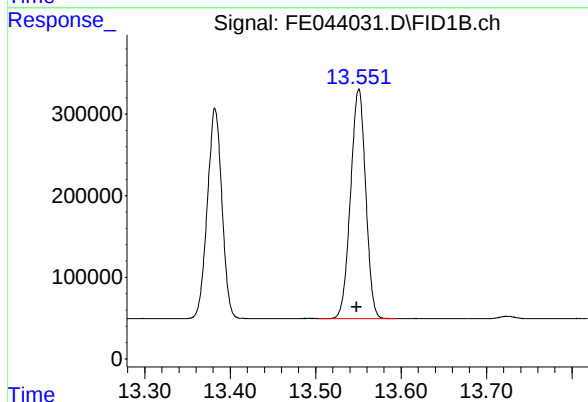
R.T.: 11.946 min
Delta R.T.: 0.006 min
Response: 4084501
Conc: 19.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



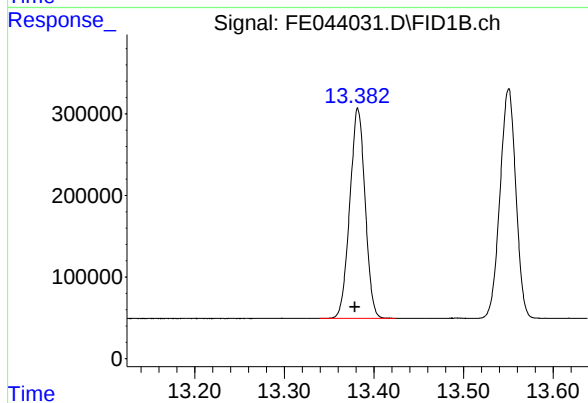
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.004 min
Response: 3545345
Conc: 20.03 ug/ml



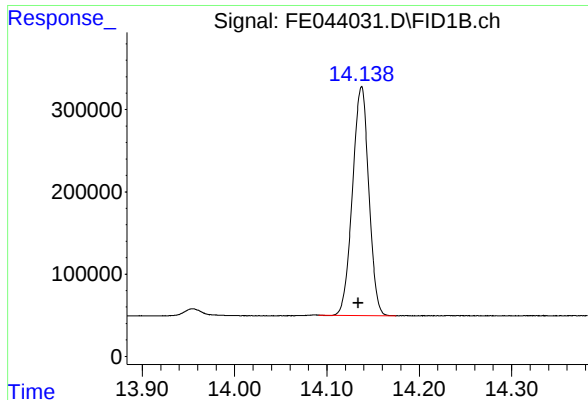
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 3458459
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

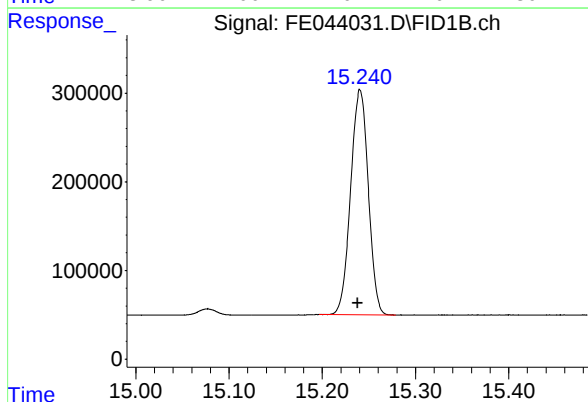
R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 3054032
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

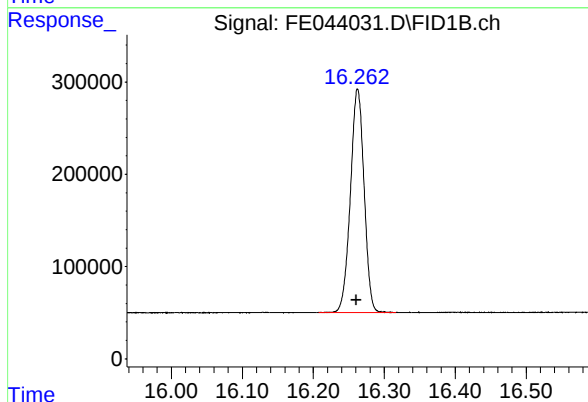
R.T.: 14.138 min
Delta R.T.: 0.004 min
Response: 3412991
Conc: 19.46 ug/ml

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20 PPM ALIPHATIC HC STD



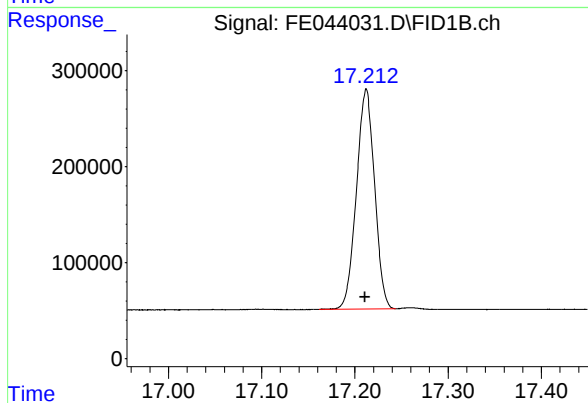
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.003 min
Response: 3347096
Conc: 19.05 ug/ml



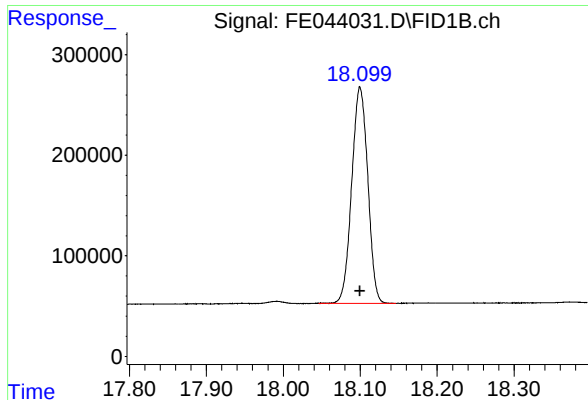
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.002 min
Response: 3243337
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

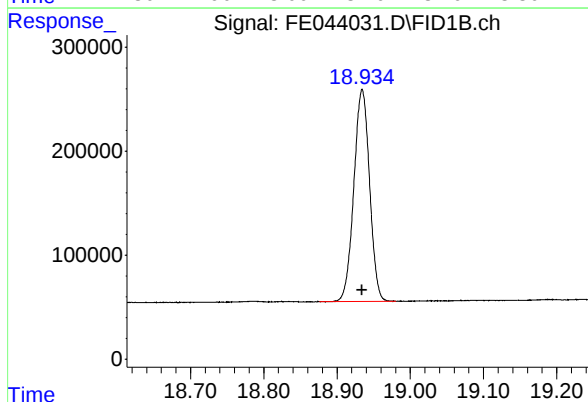
R.T.: 17.212 min
Delta R.T.: 0.002 min
Response: 3095175
Conc: 18.50 ug/ml



#17 n-Tricontane (C30)

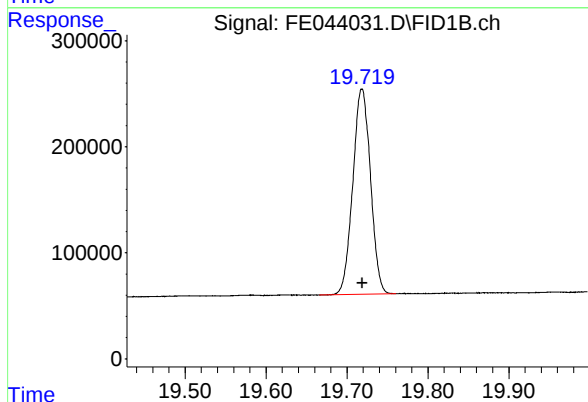
R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 3114412
Conc: 18.80 ug/ml

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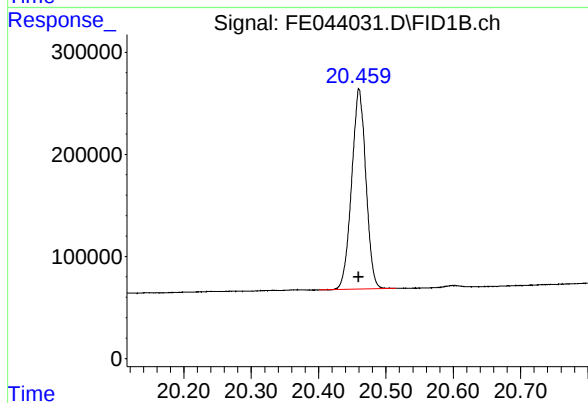
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: 0.000 min
Response: 3040360
Conc: 19.26 ug/ml



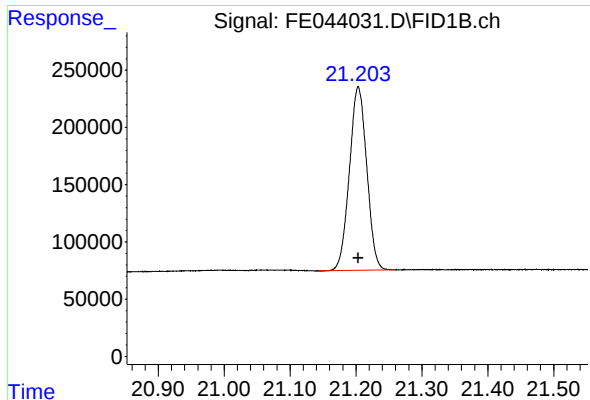
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: 0.000 min
Response: 2940362
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

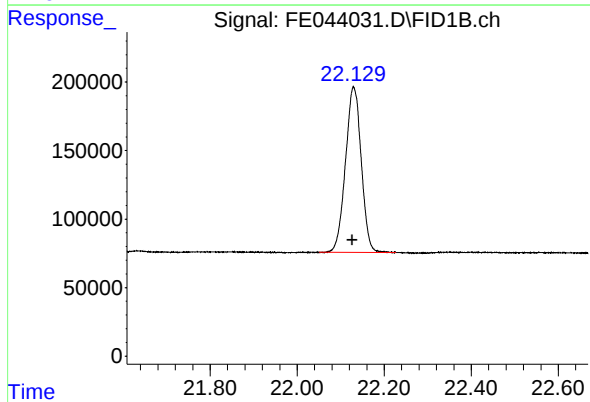
R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 2880607
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 2937138
Conc: 22.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.003 min
Response: 3040075
Conc: 23.56 ug/ml