

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090523AL\
 Data File : FE044119.D
 Signal(s) : FID1B.ch
 Acq On : 05 Sep 2023 13:34
 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: Sep 05 14:02:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.938	3868625	20.420 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.377	2889869	20.919 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T n-Nonane (C9)	3.324	3222506	19.754 ug/ml
2) T n-Decane (C10)	4.576	3267739	19.660 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3532160	19.725 ug/ml
4) T n-Dodecane (C12)	6.740	3311216	19.689 ug/ml
5) T A~2-methylnaphthalene...	7.373	3447268	20.108 ug/ml
6) T n-Tetradecane (C14)	8.567	3307622	19.723 ug/ml
7) T n-Hexadecane (C16)	10.176	3364089	19.464 ug/ml
8) T n-Octadecane (C18)	11.621	3361272	19.310 ug/ml
10) T n-Eicosane (C20)	12.931	3247587	19.633 ug/ml
11) T n-Heneicosane (C21)	13.543	3189115	19.716 ug/ml
13) T n-Docosane (C22)	14.130	3142862	19.672 ug/ml
14) T n-Tetracosane (C24)	15.234	3062276	19.583 ug/ml
15) T n-Hexacosane (C26)	16.257	2952977	19.588 ug/ml
16) T n-Octacosane (C28)	17.207	2847563	19.732 ug/ml
17) T n-Tricontane (C30)	18.095	2844475	19.579 ug/ml
18) T n-Dotriacontane (C32)	18.930	2801432	19.667 ug/ml
19) T n-Tetratriacontane (C34)	19.716	2728523	19.498 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2709344	19.763 ug/ml
21) T n-Octatriacontane (C38)	21.202	2793323	20.123 ug/ml
22) T n-Tetracontane (C40)	22.127	2958412	21.397 ug/ml

(f)=RT Delta > 1/2 Window

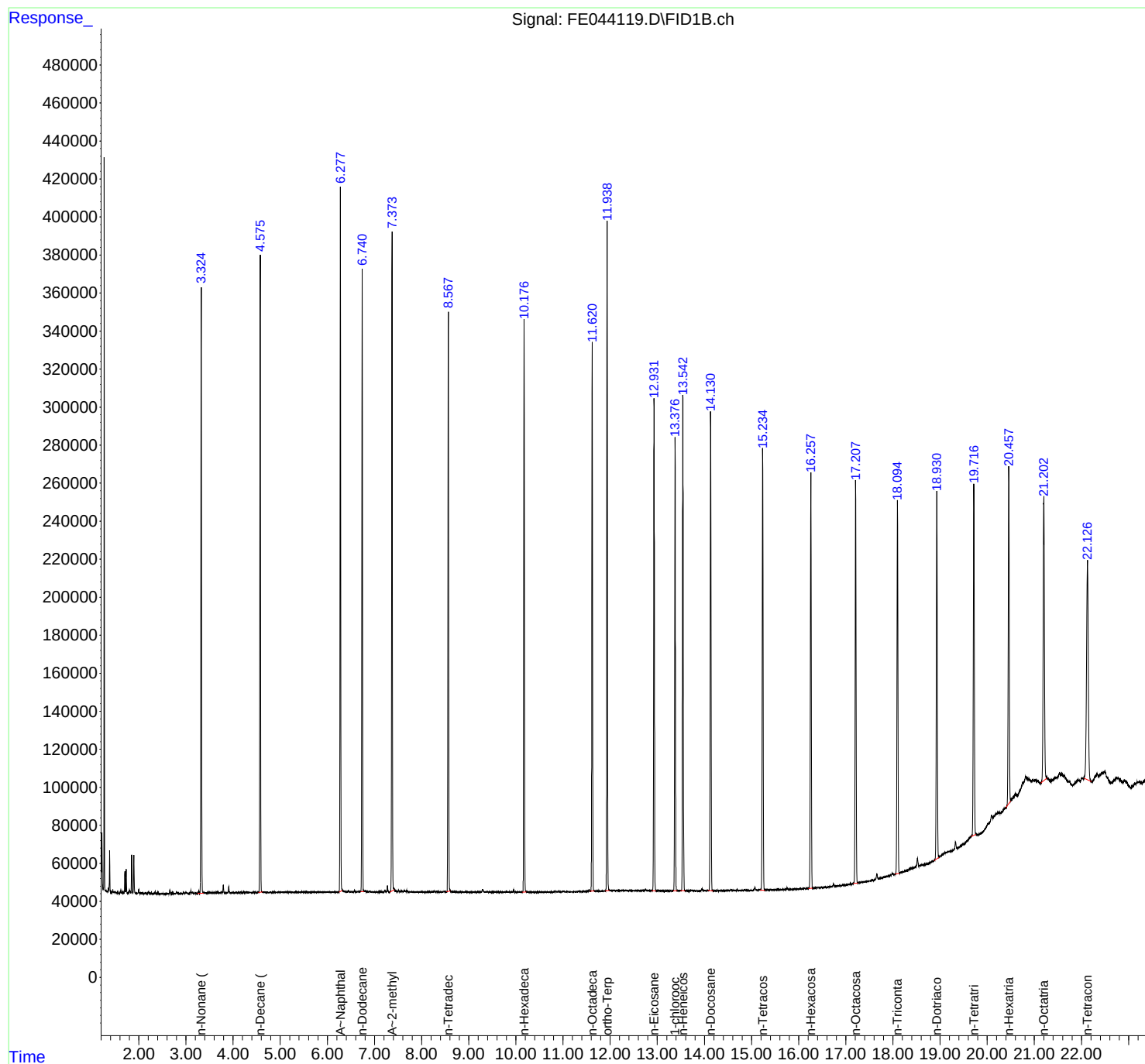
(m)=manual int.

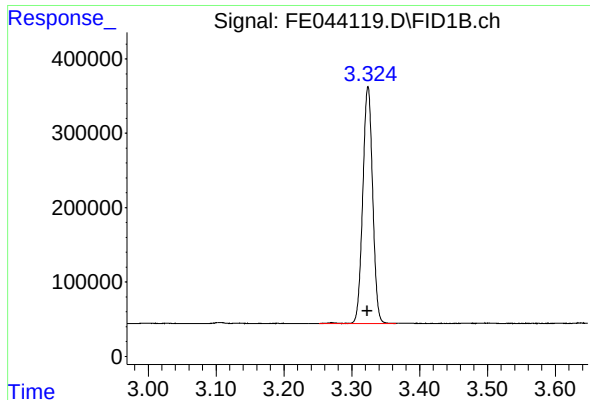
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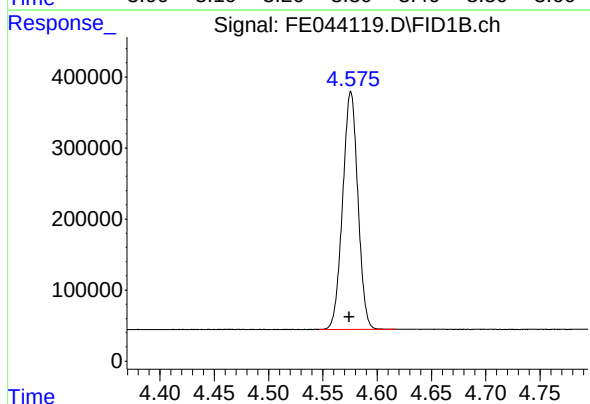




#1 n-Nonane (C9)

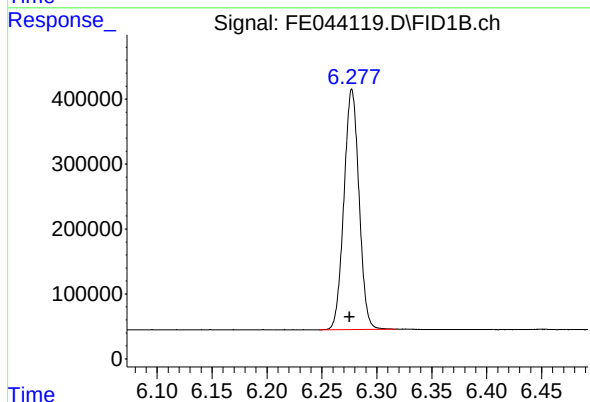
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 3222506
Conc: 19.75 ug/ml

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20 PPM ALIPHATIC HC STD



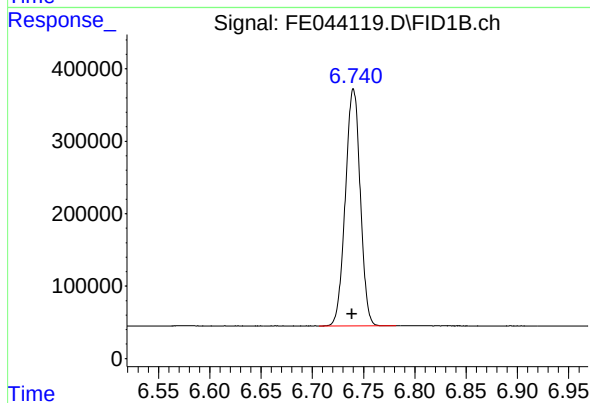
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 3267739
Conc: 19.66 ug/ml



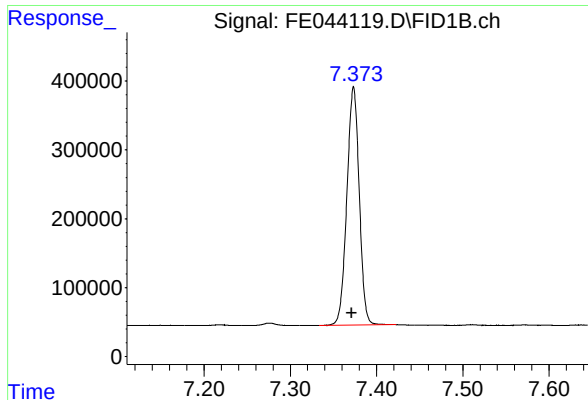
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.002 min
Response: 3532160
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

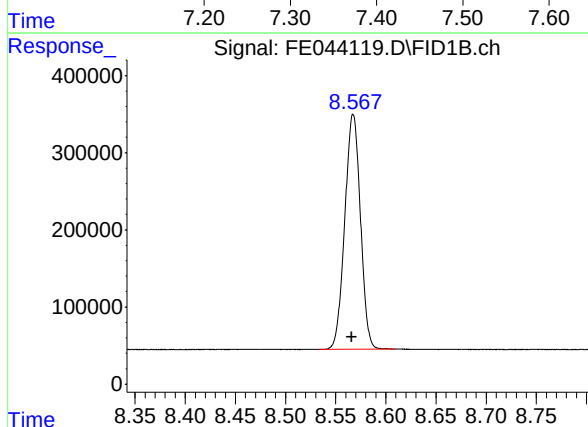
R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 3311216
Conc: 19.69 ug/ml



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

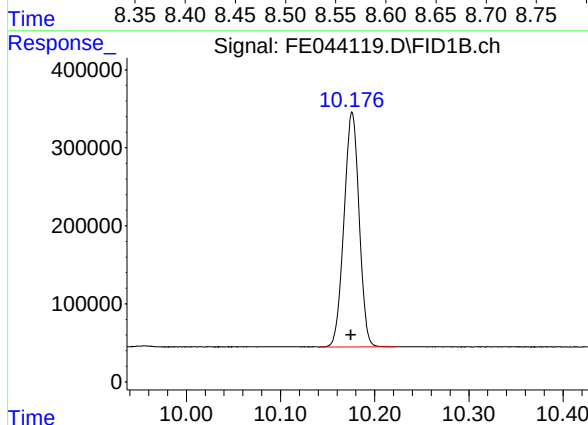
R.T.: 7.373 min
Delta R.T.: 0.002 min
Response: 3447268
Conc: 20.11 ug/ml

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20 PPM ALIPHATIC HC STD



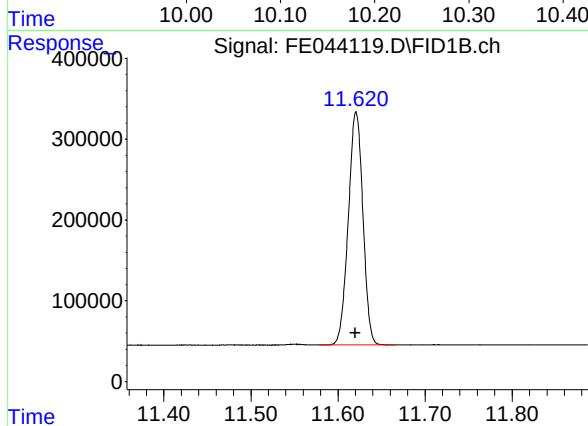
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.001 min
Response: 3307622
Conc: 19.72 ug/ml



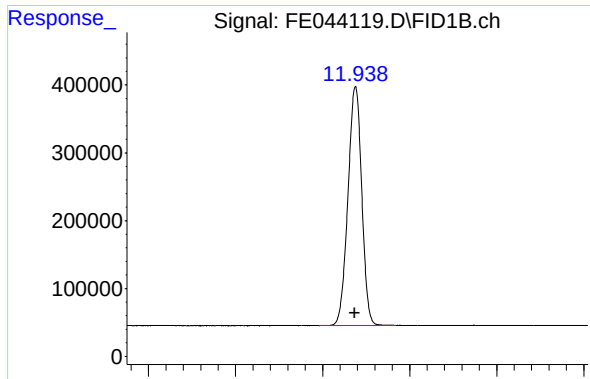
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.001 min
Response: 3364089
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

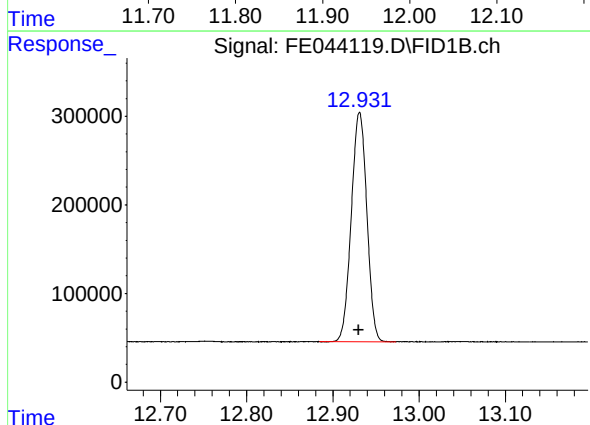
R.T.: 11.621 min
Delta R.T.: 0.001 min
Response: 3361272
Conc: 19.31 ug/ml



#9 ortho-Terphenyl (SURR)

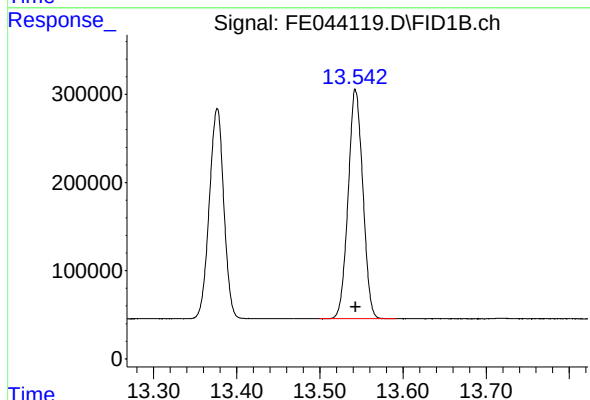
R.T.: 11.938 min
Delta R.T.: 0.001 min
Response: 3868625
Conc: 20.42 ug/ml

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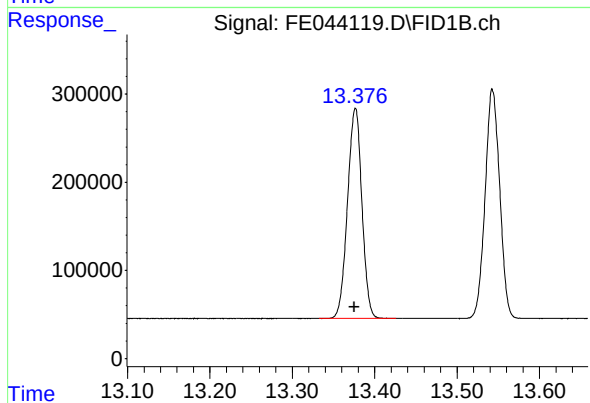
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.000 min
Response: 3247587
Conc: 19.63 ug/ml



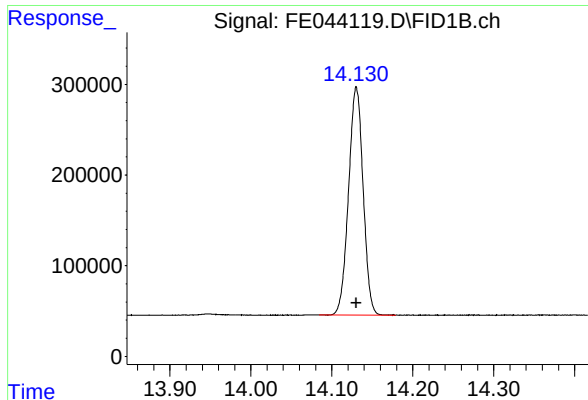
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 3189115
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

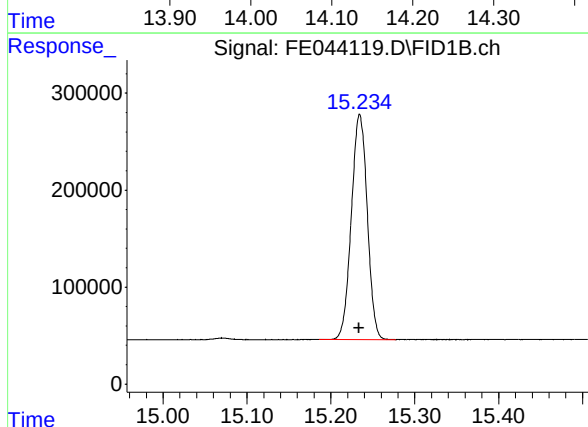
R.T.: 13.377 min
Delta R.T.: 0.002 min
Response: 2889869
Conc: 20.92 ug/ml



#13 n-Docosane (C22)

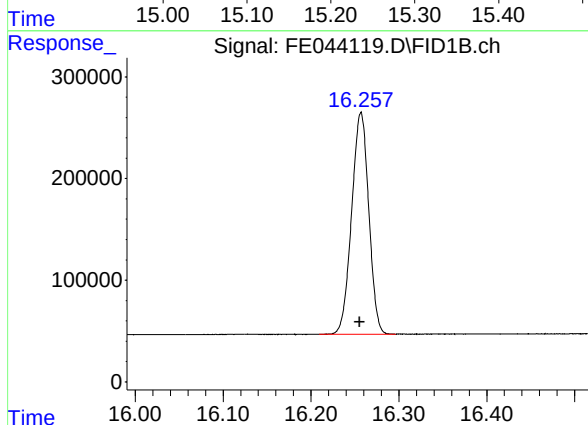
R.T.: 14.130 min
Delta R.T.: 0.000 min
Response: 3142862
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



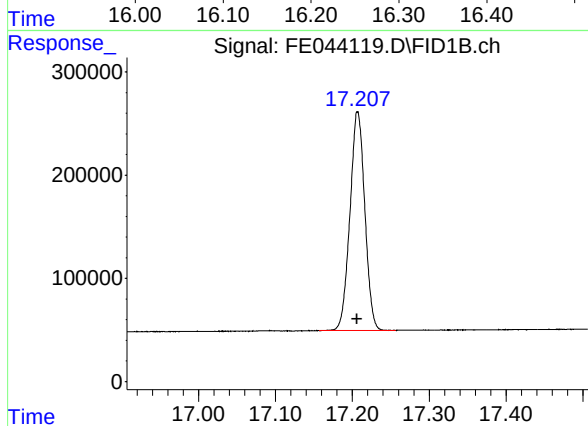
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 3062276
Conc: 19.58 ug/ml



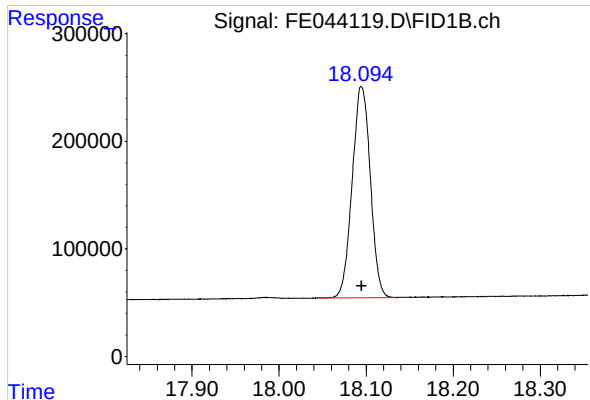
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: 0.001 min
Response: 2952977
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

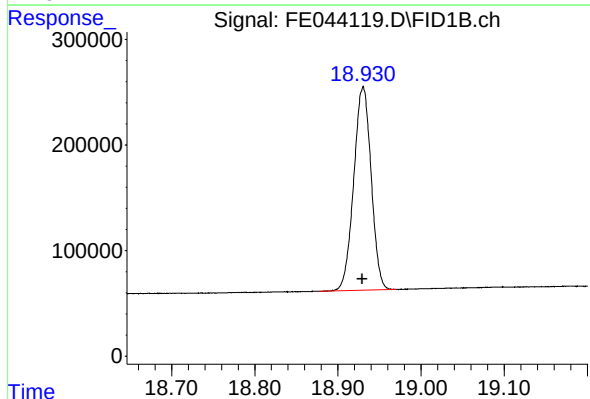
R.T.: 17.207 min
Delta R.T.: 0.000 min
Response: 2847563
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

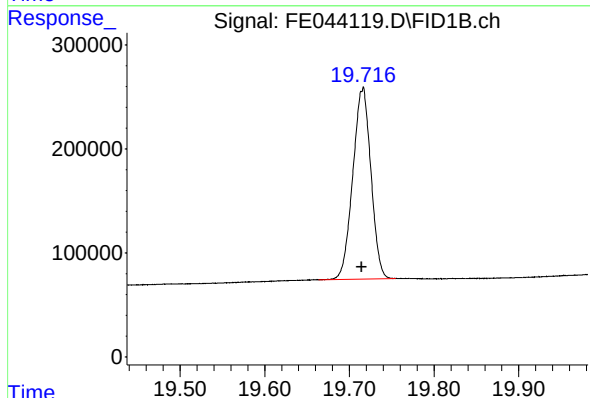
R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 2844475
Conc: 19.58 ug/ml

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20 PPM ALIPHATIC HC STD



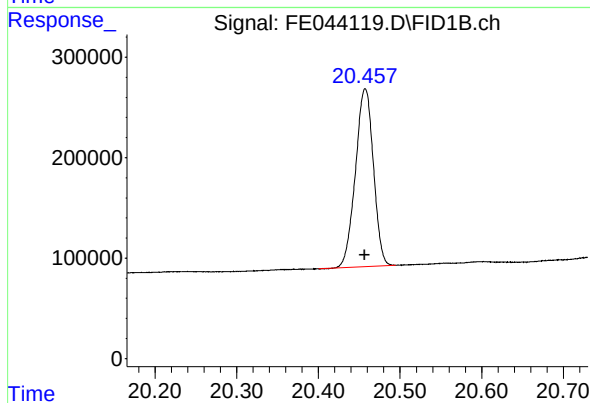
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.000 min
Response: 2801432
Conc: 19.67 ug/ml



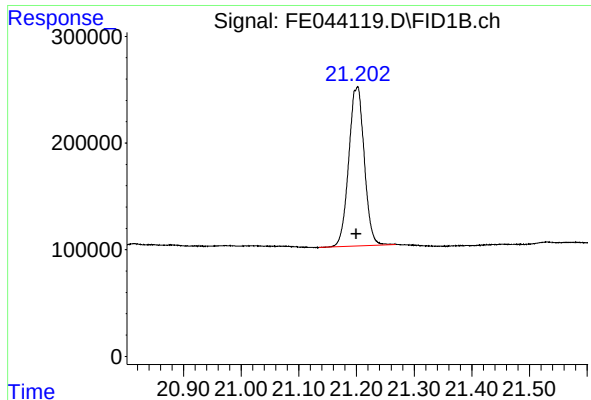
#19 n-Tetatriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.001 min
Response: 2728523
Conc: 19.50 ug/ml



#20 n-Hexatriacontane (C36)

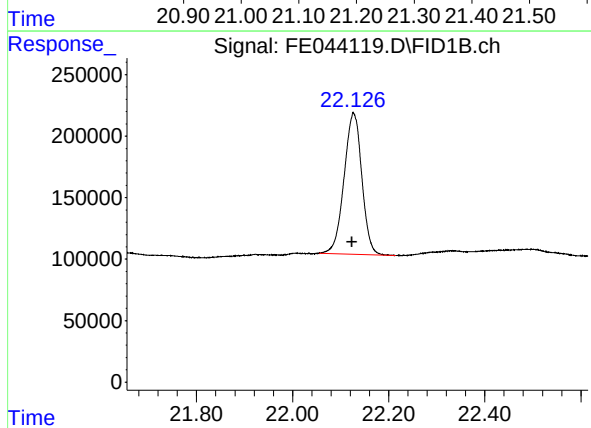
R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2709344
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.002 min
Response: 2793323
Conc: 20.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: 0.003 min
Response: 2958412
Conc: 21.40 ug/ml