

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111323AL\
 Data File : FE045310.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2023 14:16
 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 13 23:18:12 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)	11.875	3740584	19.592 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.318	2584949	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.265	3262040	19.746 ug/ml
2) T n-Decane (C10)	4.516	3357442	20.023 ug/ml
3) T A~Naphthalene (C11.7)	6.215	3497649	19.595 ug/ml
4) T n-Dodecane (C12)	6.682	3368101	19.943 ug/ml
5) T A~2-methylnaphthalene...	7.310	3337149	19.434 ug/ml
6) T n-Tetradecane (C14)	8.508	3279069	19.674 ug/ml
7) T n-Hexadecane (C16)	10.117	3280782	19.505 ug/ml
8) T n-Octadecane (C18)	11.563	3242595	19.374 ug/ml
10) T n-Eicosane (C20)	12.873	3058004	19.305 ug/ml
11) T n-Heneicosane (C21)	13.486	2976276	19.357 ug/ml
13) T n-Docosane (C22)	14.073	2936085	19.378 ug/ml
14) T n-Tetracosane (C24)	15.178	2930386	19.785 ug/ml
15) T n-Hexacosane (C26)	16.200	2921423	20.043 ug/ml
16) T n-Octacosane (C28)	17.152	2960796	20.262 ug/ml
17) T n-Tricontane (C30)	18.040	3089615	20.340 ug/ml
18) T n-Dotriacontane (C32)	18.874	3185672	20.392 ug/ml
19) T n-Tetratriacontane (C34)	19.658	3159704	20.237 ug/ml
20) T n-Hexatriacontane (C36)	20.400	3134889	19.313 ug/ml
21) T n-Octatriacontane (C38)	21.135	3164987	19.050 ug/ml
22) T n-Tetracontane (C40)	22.044	2939143	17.207 ug/ml

(f)=RT Delta > 1/2 Window

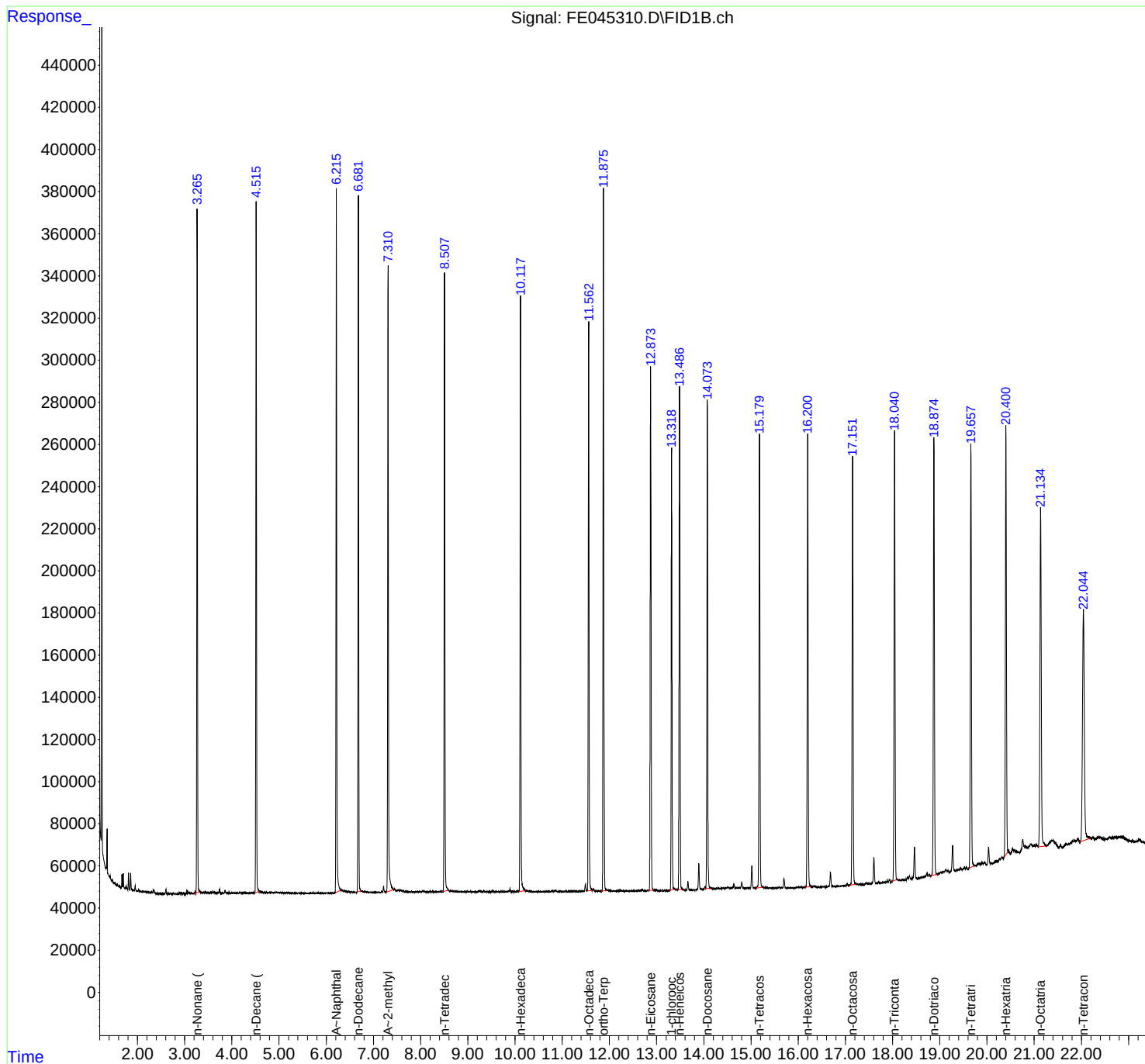
(m)=manual int.

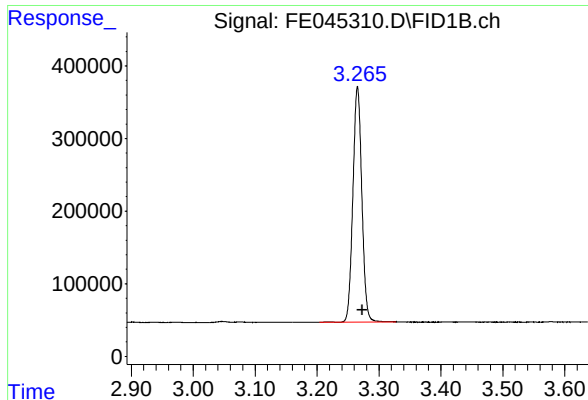
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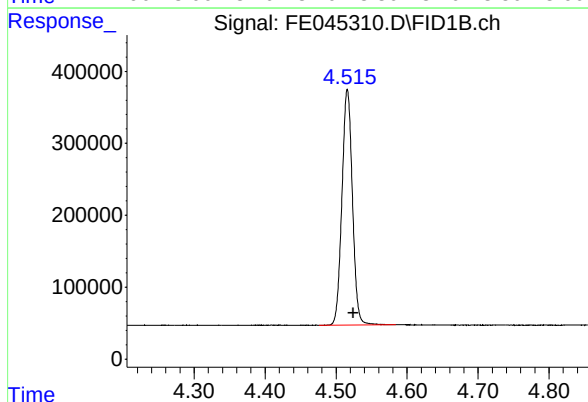




#1 n-Nonane (C9)

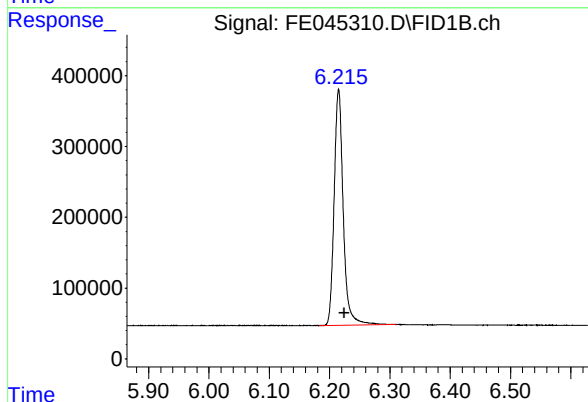
R.T.: 3.265 min
Delta R.T.: -0.008 min
Response: 3262040
Conc: 19.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



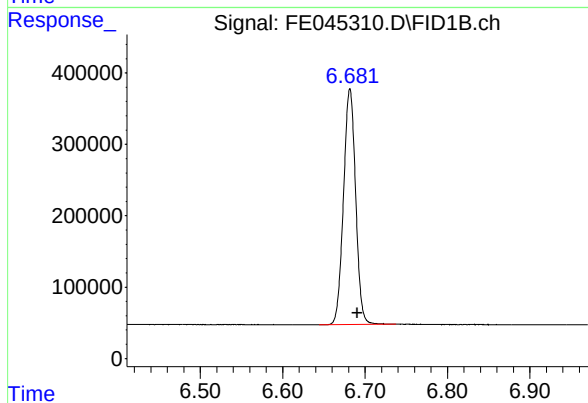
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.008 min
Response: 3357442
Conc: 20.02 ug/ml



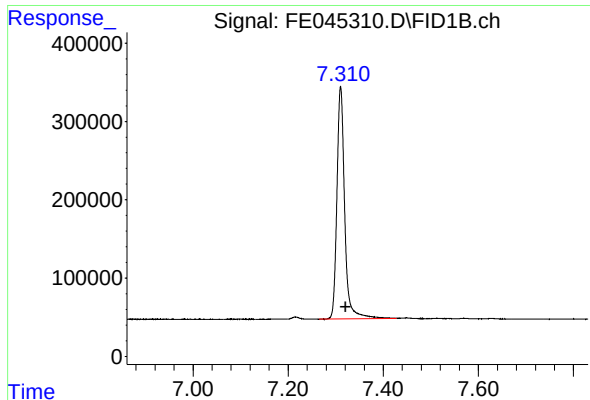
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: -0.010 min
Response: 3497649
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

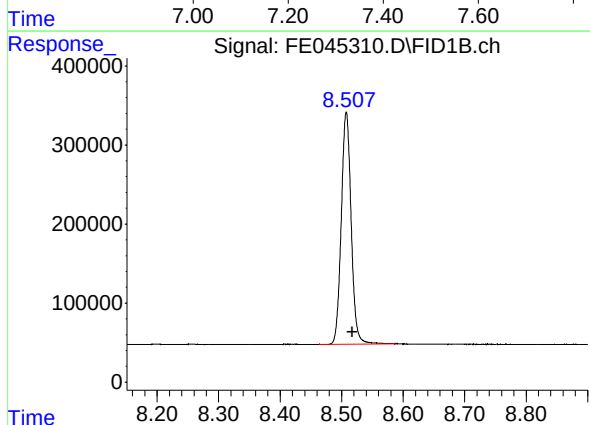
R.T.: 6.682 min
Delta R.T.: -0.009 min
Response: 3368101
Conc: 19.94 ug/ml



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

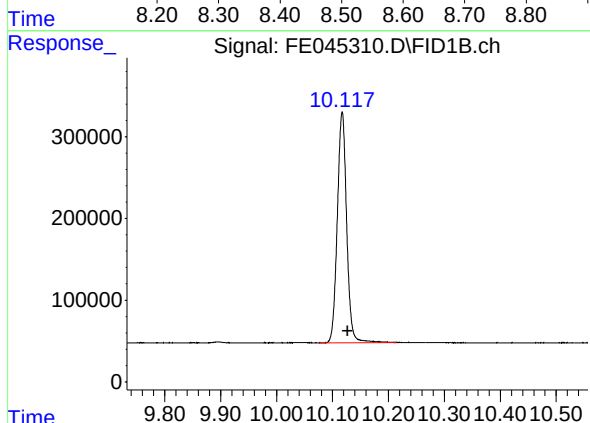
R.T.: 7.310 min
Delta R.T.: -0.010 min
Response: 3337149
Conc: 19.43 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



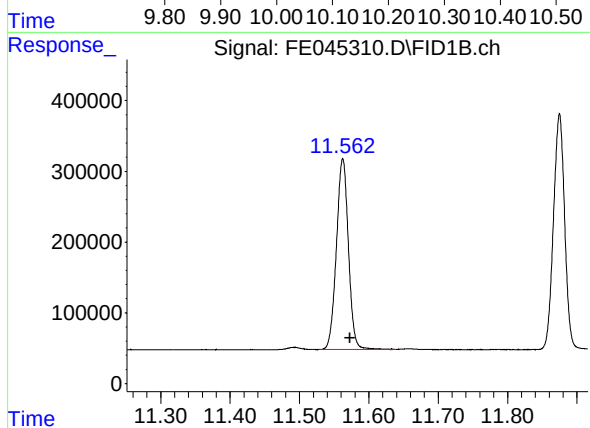
#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.010 min
Response: 3279069
Conc: 19.67 ug/ml



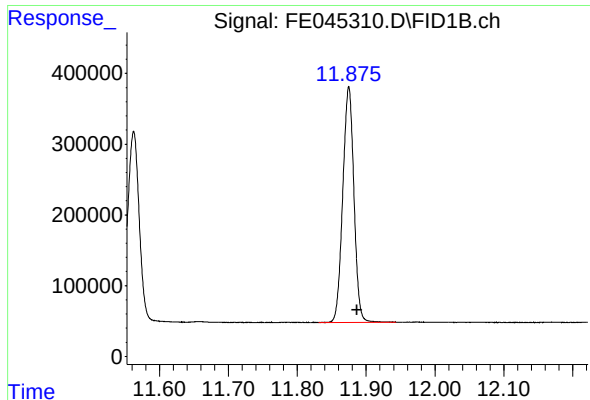
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.009 min
Response: 3280782
Conc: 19.50 ug/ml



#8 n-Octadecane (C18)

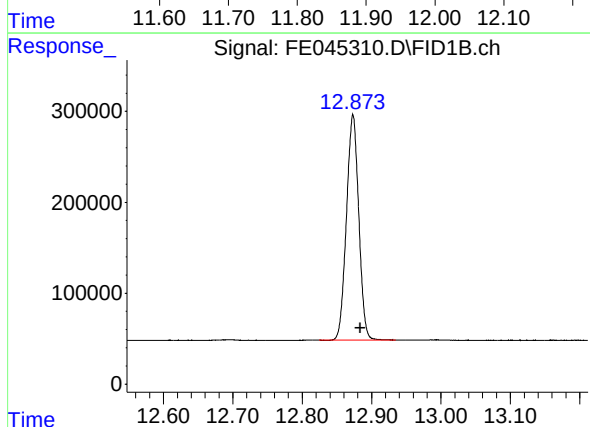
R.T.: 11.563 min
Delta R.T.: -0.010 min
Response: 3242595
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

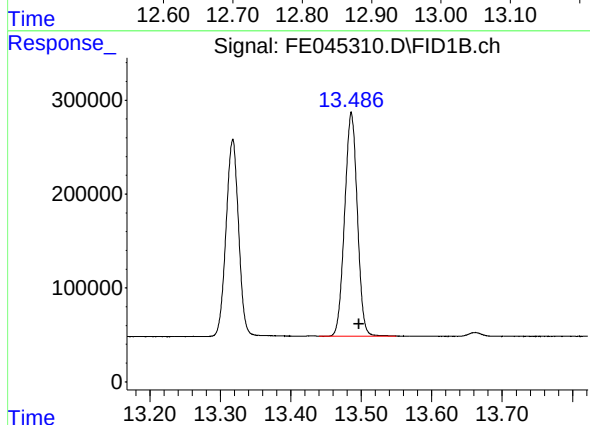
R.T.: 11.875 min
Delta R.T.: -0.012 min
Response: 3740584
Conc: 19.59 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



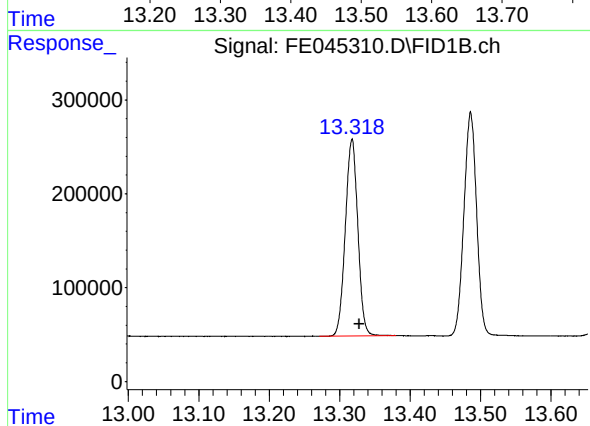
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 3058004
Conc: 19.30 ug/ml



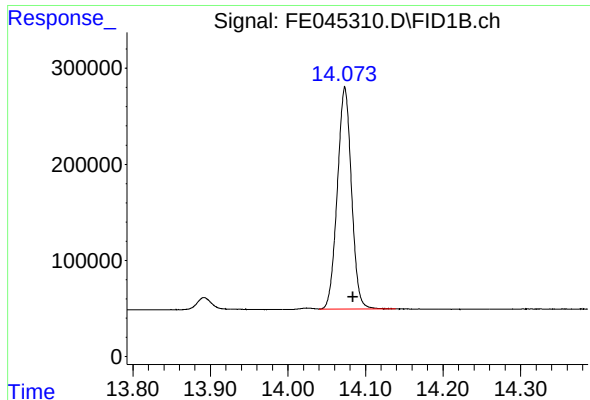
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.011 min
Response: 2976276
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

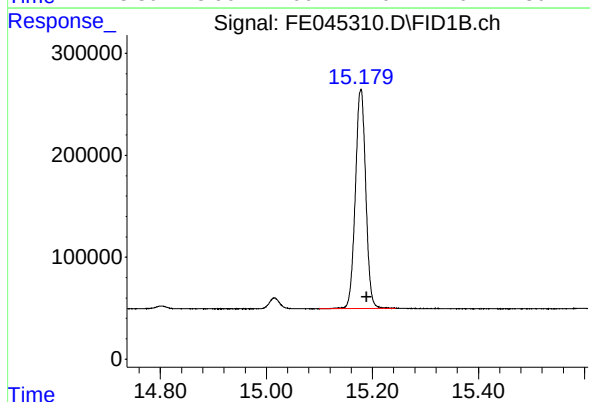
R.T.: 13.318 min
Delta R.T.: -0.010 min
Response: 2584949
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

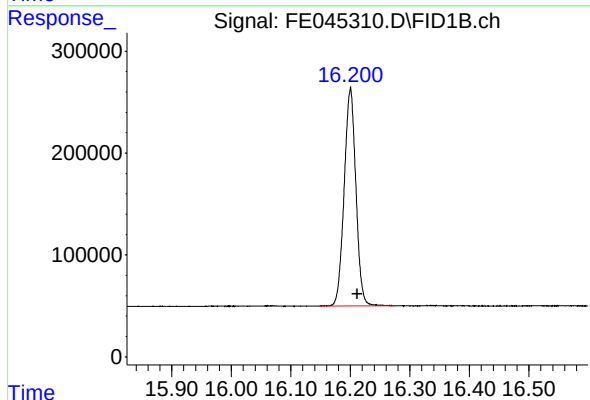
R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 2936085
Conc: 19.38 ug/ml

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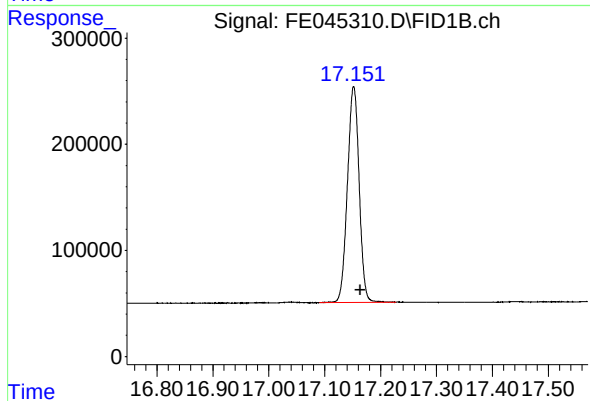
#14 n-Tetracosane (C24)

R.T.: 15.178 min
Delta R.T.: -0.011 min
Response: 2930386
Conc: 19.79 ug/ml



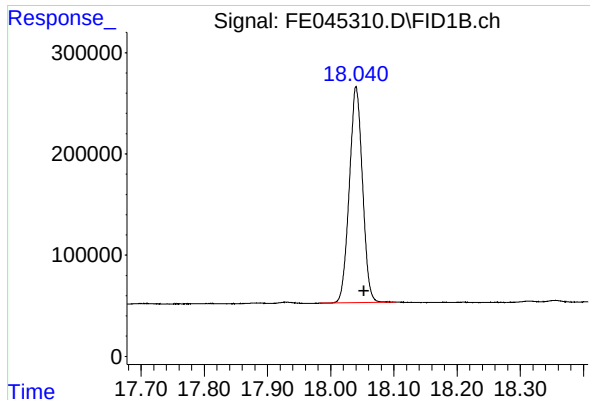
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 2921423
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

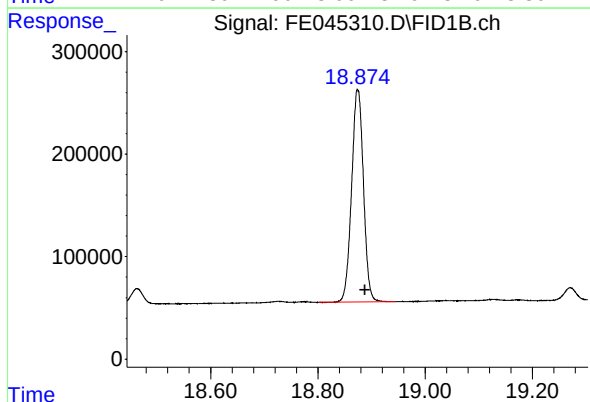
R.T.: 17.152 min
Delta R.T.: -0.012 min
Response: 2960796
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

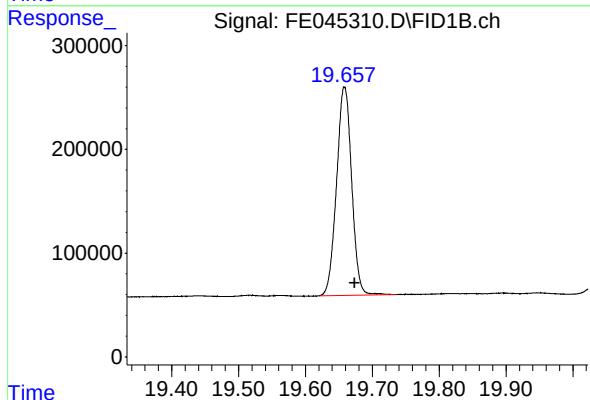
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 3089615
Conc: 20.34 ug/ml

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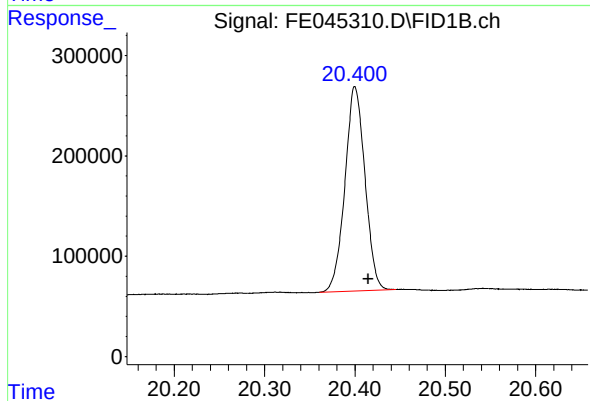
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.013 min
Response: 3185672
Conc: 20.39 ug/ml



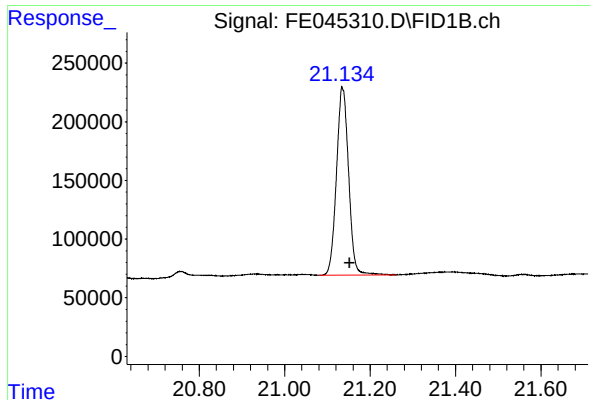
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.015 min
Response: 3159704
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

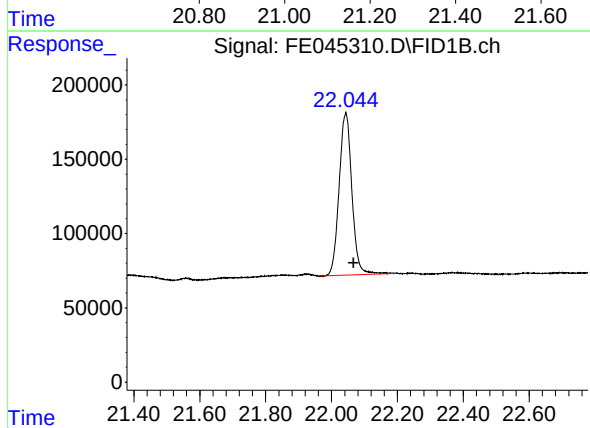
R.T.: 20.400 min
Delta R.T.: -0.015 min
Response: 3134889
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.018 min
Response: 3164987
Conc: 19.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.024 min
Response: 2939143
Conc: 17.21 ug/ml