

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048338.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 21:56
 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: May 23 01:39:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.959	2417535	16.758 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
12) S 1-chlorooctadecane (S...	13.392	1859753	16.643 ug/ml
Spiked Amount 50.000		Recovery =	33.29%
Target Compounds			
1) T n-Nonane (C9)	3.343	2280265	17.693 ug/ml
2) T n-Decane (C10)	4.593	2454194	18.641 ug/ml
3) T A~Naphthalene (C11.7)	6.301	2421998	17.540 ug/ml
4) T n-Dodecane (C12)	6.759	2433354	18.253 ug/ml
5) T A~2-methylnaphthalene...	7.397	2296380	17.256 ug/ml
6) T n-Tetradecane (C14)	8.588	2364534	17.843 ug/ml
7) T n-Hexadecane (C16)	10.195	2376463	17.279 ug/ml
8) T n-Octadecane (C18)	11.638	2360992	16.949 ug/ml
10) T n-Eicosane (C20)	12.947	2269234	16.854 ug/ml
11) T n-Heneicosane (C21)	13.558	2205128	16.658 ug/ml
13) T n-Docosane (C22)	14.145	2266877	17.106 ug/ml
14) T n-Tetracosane (C24)	15.247	2398368	18.012 ug/ml
15) T n-Hexacosane (C26)	16.268	2501669	18.747 ug/ml
16) T n-Octacosane (C28)	17.218	2684185	20.160 ug/ml
17) T n-Tricontane (C30)	18.105	3004226	21.768 ug/ml
18) T n-Dotriacontane (C32)	18.936	3089650	22.368 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2871237	21.078 ug/ml
20) T n-Hexatriacontane (C36)	20.458	2719332	20.084 ug/ml
21) T n-Octatriacontane (C38)	21.196	2426427	17.574 ug/ml
22) T n-Tetracontane (C40)	22.119	2840063	20.385 ug/ml

(f)=RT Delta > 1/2 Window

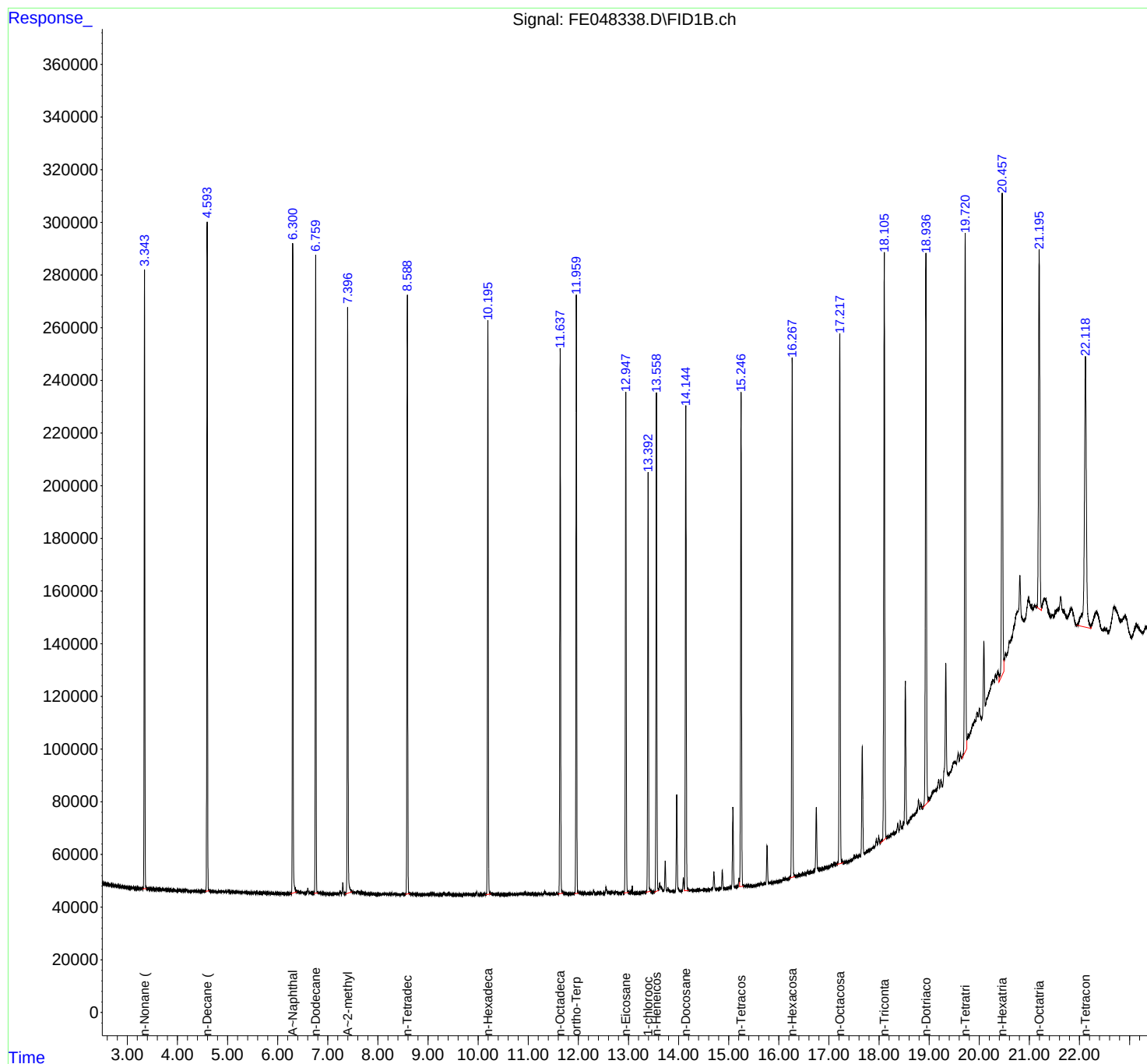
(m)=manual int.

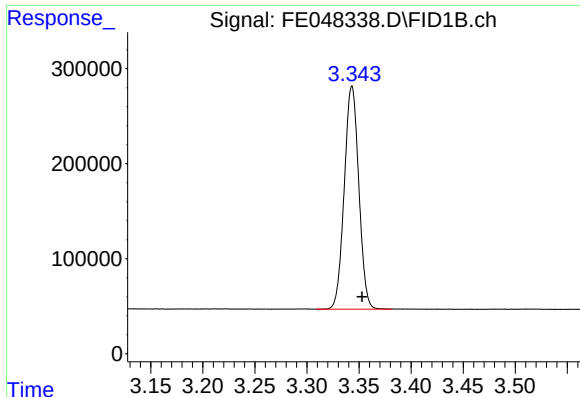
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
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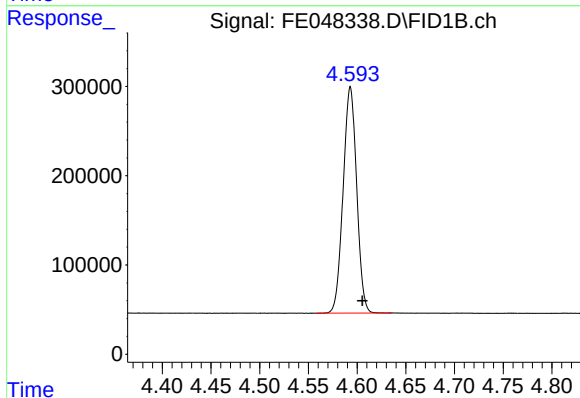




#1 n-Nonane (C9)

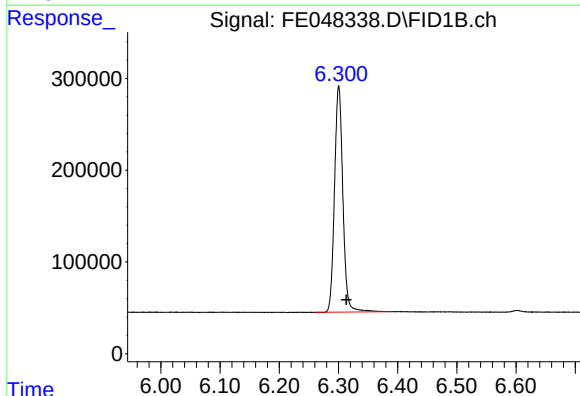
R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 2280265
Conc: 17.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



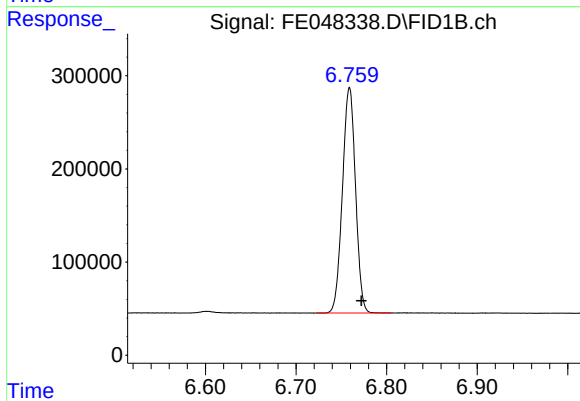
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 2454194
Conc: 18.64 ug/ml



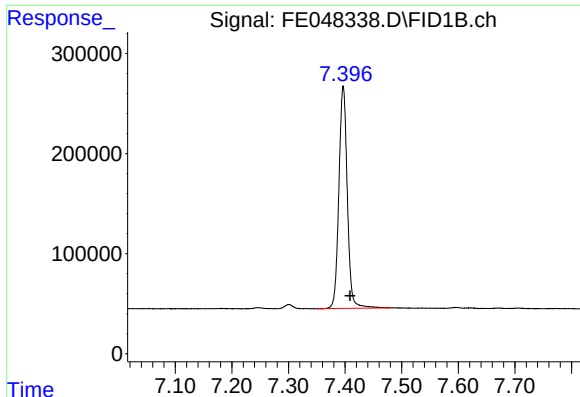
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.013 min
Response: 2421998
Conc: 17.54 ug/ml



#4 n-Dodecane (C12)

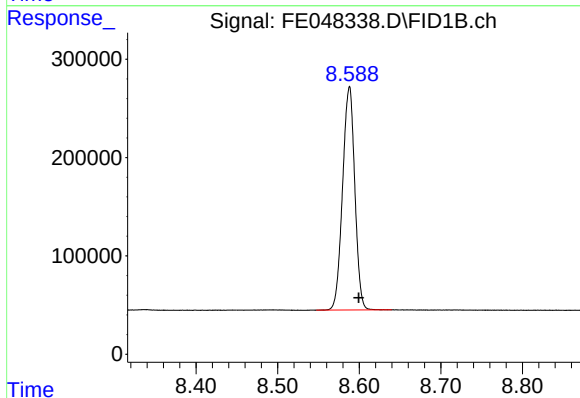
R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2433354
Conc: 18.25 ug/ml



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

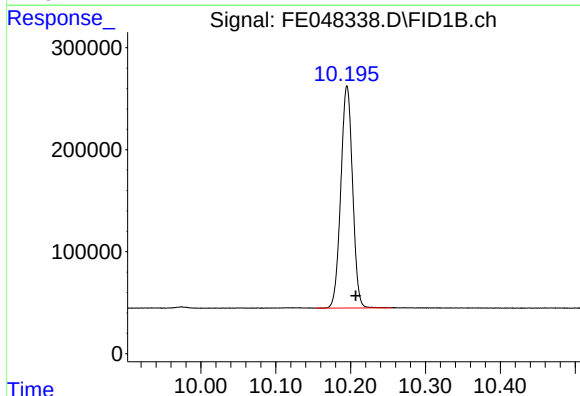
R.T.: 7.397 min
Delta R.T.: -0.012 min
Response: 2296380
Conc: 17.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



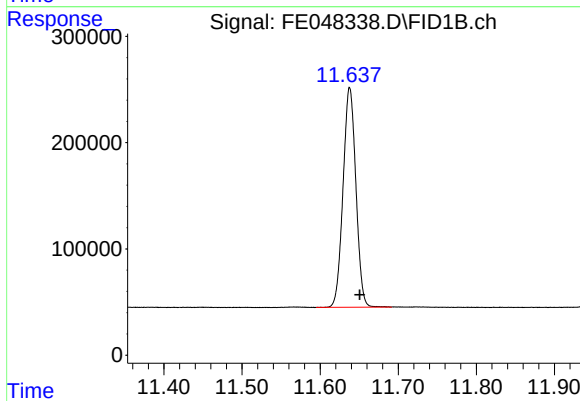
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.011 min
Response: 2364534
Conc: 17.84 ug/ml



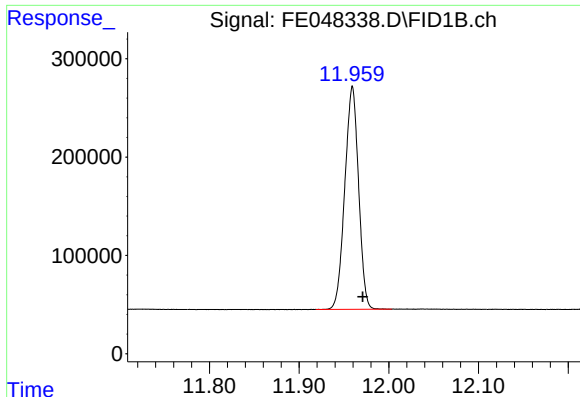
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.012 min
Response: 2376463
Conc: 17.28 ug/ml



#8 n-Octadecane (C18)

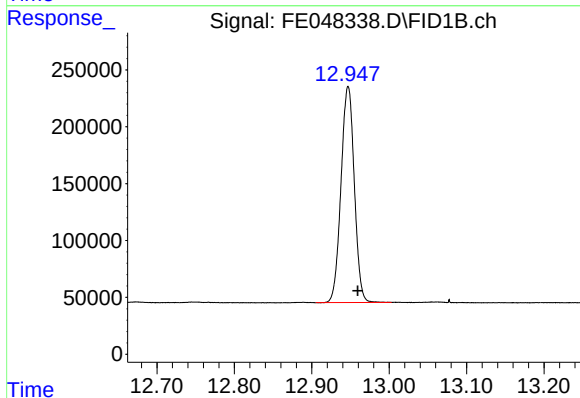
R.T.: 11.638 min
Delta R.T.: -0.013 min
Response: 2360992
Conc: 16.95 ug/ml



#9 ortho-Terphenyl (SURR)

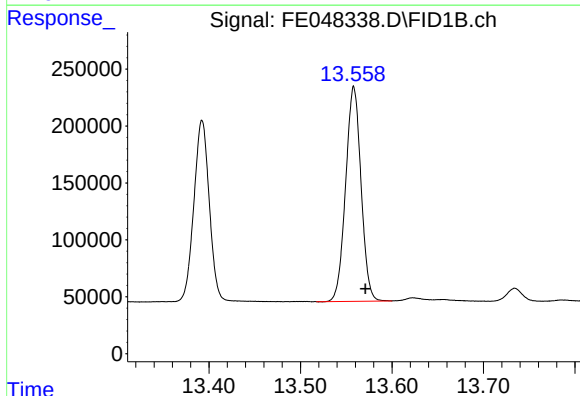
R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 2417535
Conc: 16.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



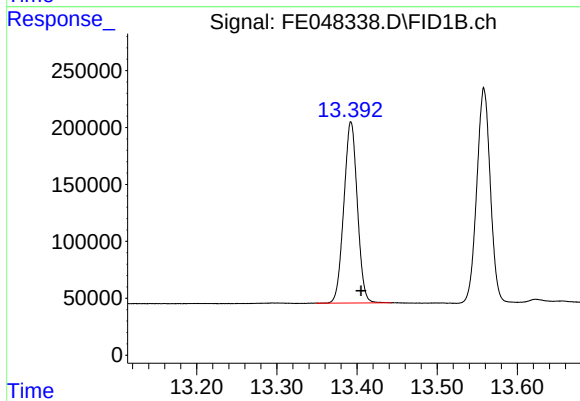
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.012 min
Response: 2269234
Conc: 16.85 ug/ml



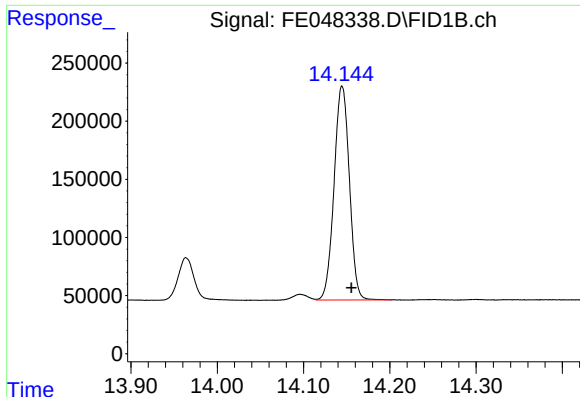
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.013 min
Response: 2205128
Conc: 16.66 ug/ml



#12 1-chlorooctadecane (SURR)

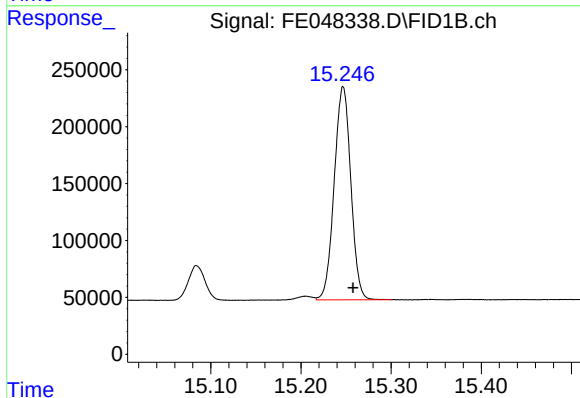
R.T.: 13.392 min
Delta R.T.: -0.012 min
Response: 1859753
Conc: 16.64 ug/ml



#13 n-Docosane (C22)

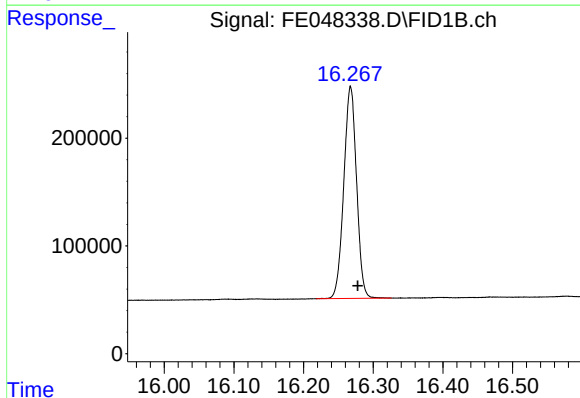
R.T.: 14.145 min
Delta R.T.: -0.011 min
Response: 2266877
Conc: 17.11 ug/ml

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20 PPM ALIPHATIC HC STD



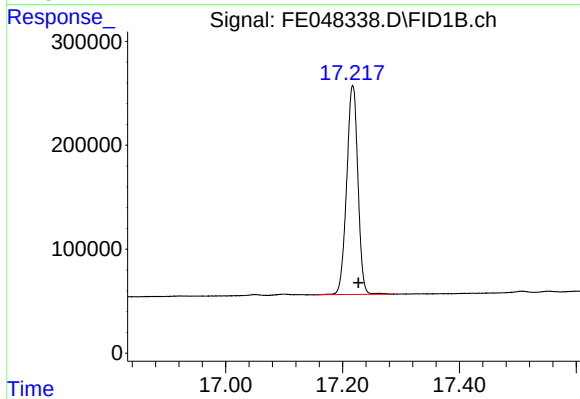
#14 n-Tetracosane (C24)

R.T.: 15.247 min
Delta R.T.: -0.011 min
Response: 2398368
Conc: 18.01 ug/ml



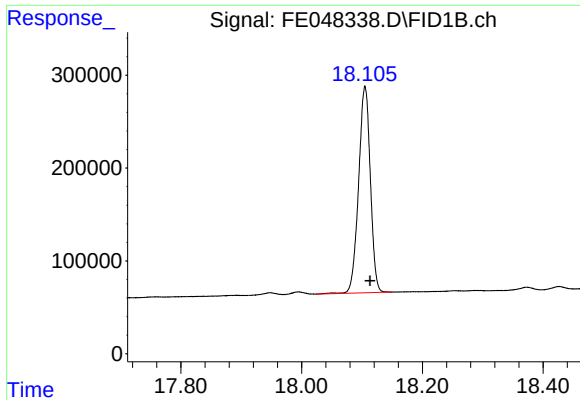
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 2501669
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

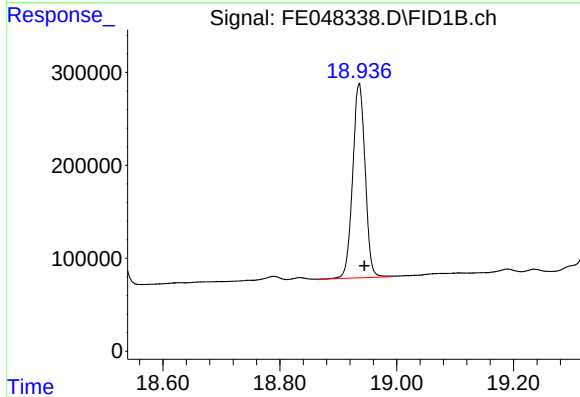
R.T.: 17.218 min
Delta R.T.: -0.010 min
Response: 2684185
Conc: 20.16 ug/ml



#17 n-Tricontane (C30)

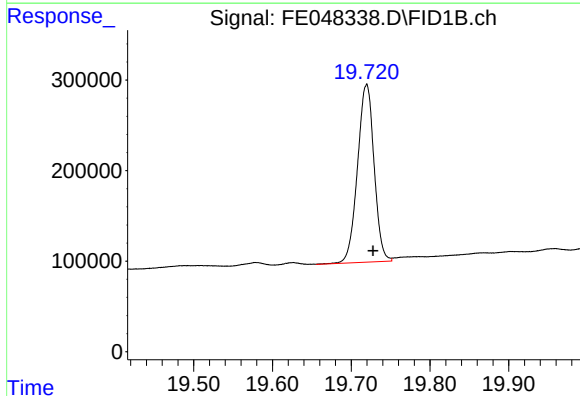
R.T.: 18.105 min
Delta R.T.: -0.008 min
Response: 3004226
Conc: 21.77 ug/ml

Instrument :
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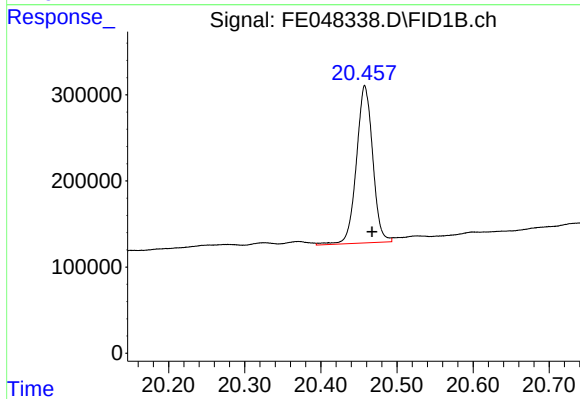
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: -0.009 min
Response: 3089650
Conc: 22.37 ug/ml



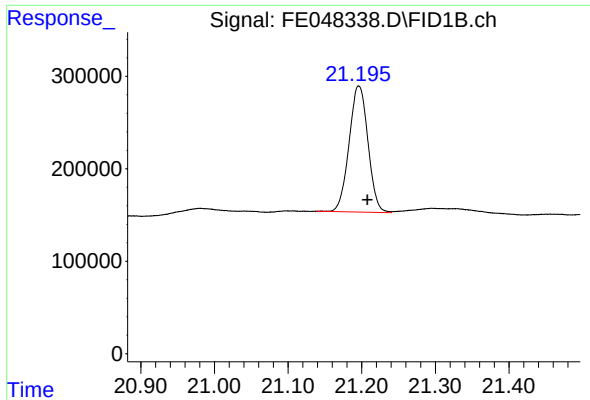
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.008 min
Response: 2871237
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

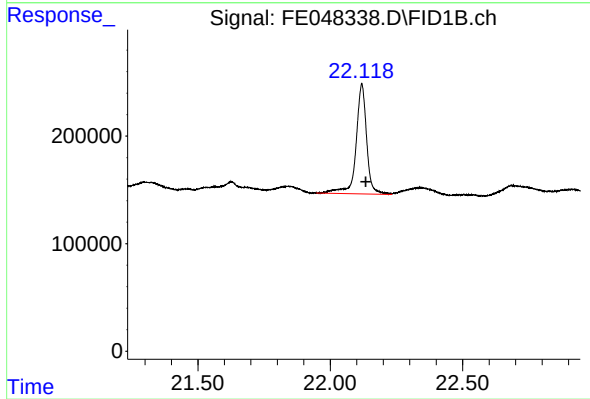
R.T.: 20.458 min
Delta R.T.: -0.010 min
Response: 2719332
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.196 min
Delta R.T.: -0.012 min
Response: 2426427
Conc: 17.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: -0.015 min
Response: 2840063
Conc: 20.38 ug/ml