

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061924AL\
 Data File : FE048801.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2024 23:14
 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: Jun 20 01:30:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.934	2707335	18.854 ug/ml
Spiked Amount 50.000		Recovery =	37.71%
12) S 1-chlorooctadecane (S...	13.368	2040092	18.726 ug/ml
Spiked Amount 50.000		Recovery =	37.45%
Target Compounds			
1) T n-Nonane (C9)	3.324	2417819	16.172 ug/ml
2) T n-Decane (C10)	4.573	2652581	17.567 ug/ml
3) T A~Naphthalene (C11.7)	6.278	2619870	17.595 ug/ml
4) T n-Dodecane (C12)	6.738	2673493	18.061 ug/ml
5) T A~2-methylnaphthalene...	7.374	2503469	18.056 ug/ml
6) T n-Tetradecane (C14)	8.566	2635824	18.584 ug/ml
7) T n-Hexadecane (C16)	10.173	2662957	18.889 ug/ml
8) T n-Octadecane (C18)	11.615	2649497	19.077 ug/ml
10) T n-Eicosane (C20)	12.924	2514292	18.999 ug/ml
11) T n-Heneicosane (C21)	13.536	2445529	18.880 ug/ml
13) T n-Docosane (C22)	14.120	2453732	19.041 ug/ml
14) T n-Tetracosane (C24)	15.223	2510366	19.378 ug/ml
15) T n-Hexacosane (C26)	16.242	2535374	19.562 ug/ml
16) T n-Octacosane (C28)	17.191	2712265	20.984 ug/ml
17) T n-Tricontane (C30)	18.078	3118714	23.281 ug/ml
18) T n-Dotriacontane (C32)	18.910	3303002	24.333 ug/ml
19) T n-Tetratriacontane (C34)	19.693	3096310	22.634 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2812826	20.692 ug/ml
21) T n-Octatriacontane (C38)	21.168	2728542	20.008 ug/ml
22) T n-Tetracontane (C40)	22.080	2711002	19.800 ug/ml

(f)=RT Delta > 1/2 Window

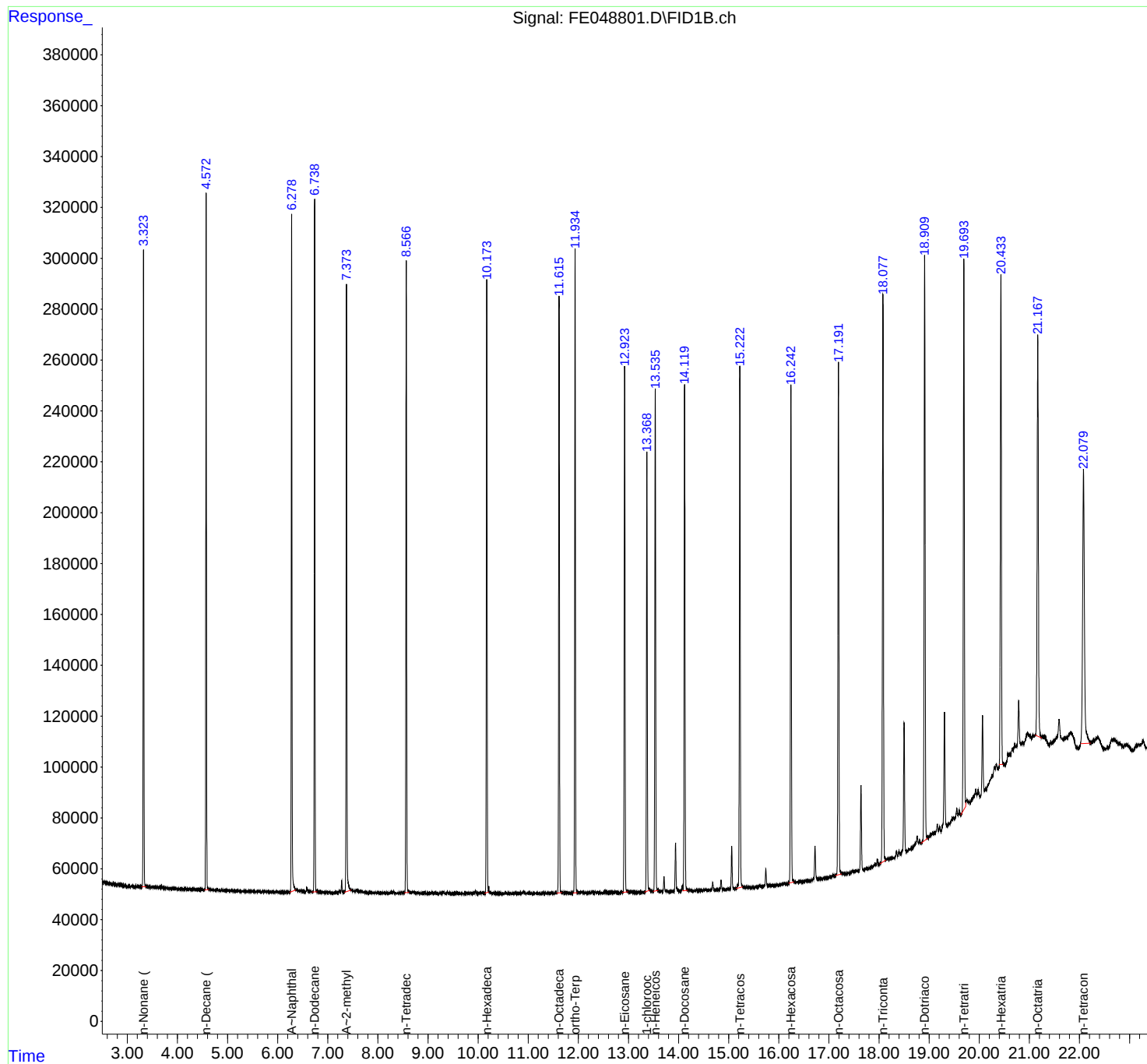
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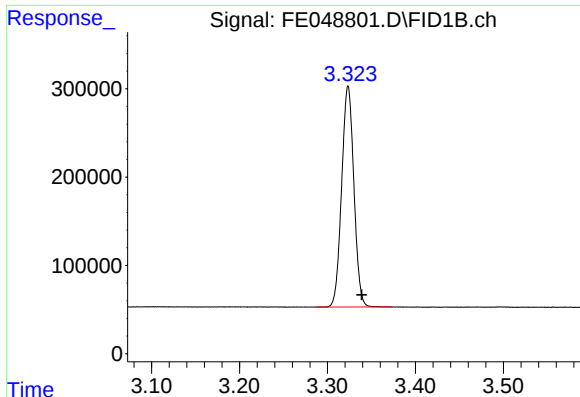
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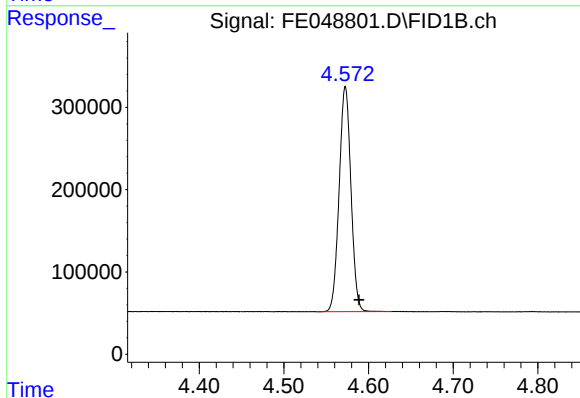




#1 n-Nonane (C9)

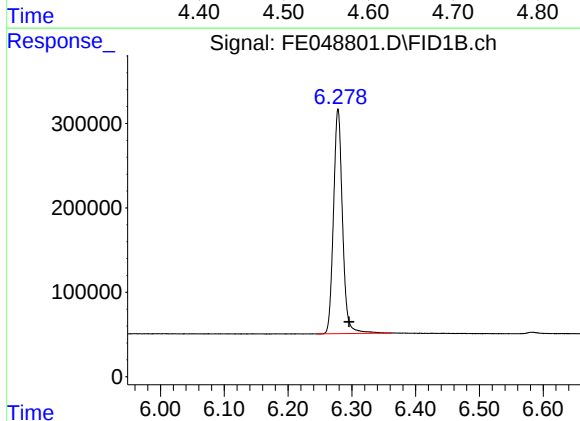
R.T.: 3.324 min
Delta R.T.: -0.015 min
Response: 2417819
Conc: 16.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



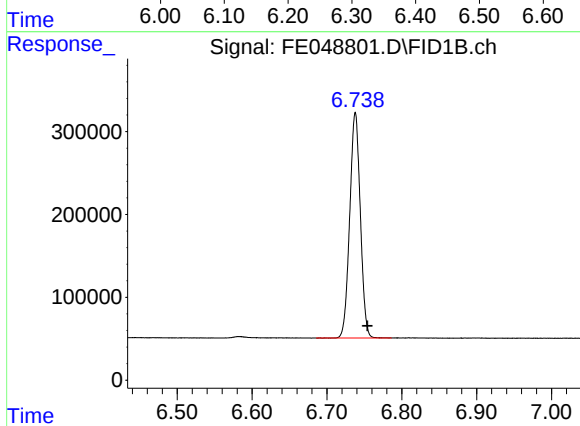
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: -0.016 min
Response: 2652581
Conc: 17.57 ug/ml



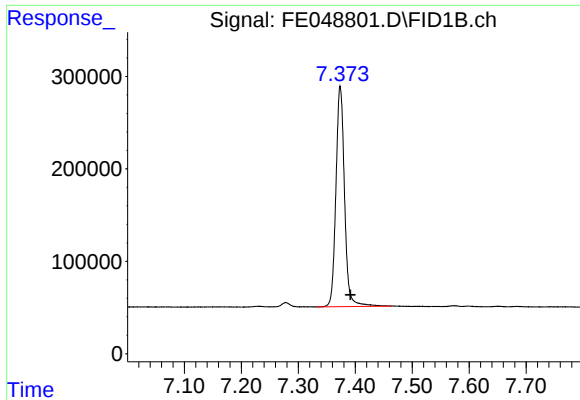
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.018 min
Response: 2619870
Conc: 17.60 ug/ml



#4 n-Dodecane (C12)

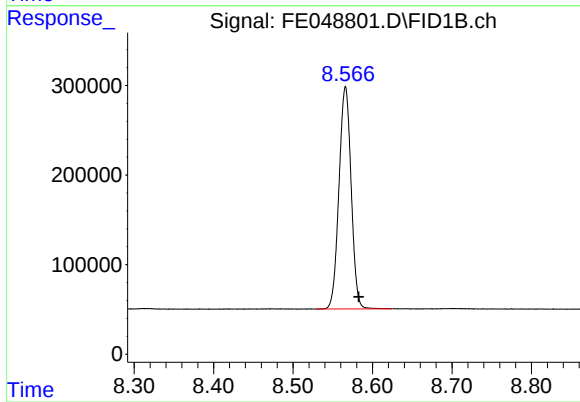
R.T.: 6.738 min
Delta R.T.: -0.016 min
Response: 2673493
Conc: 18.06 ug/ml



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

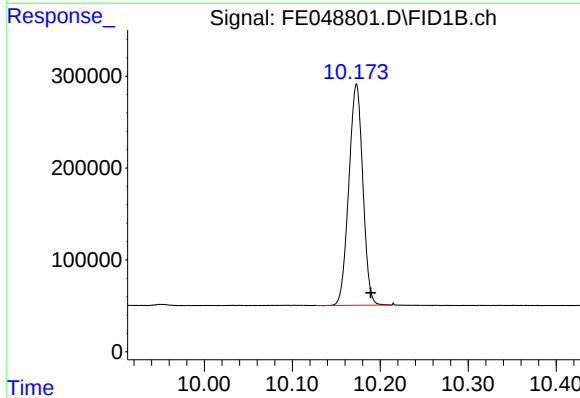
R.T.: 7.374 min
Delta R.T.: -0.018 min
Response: 2503469
Conc: 18.06 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



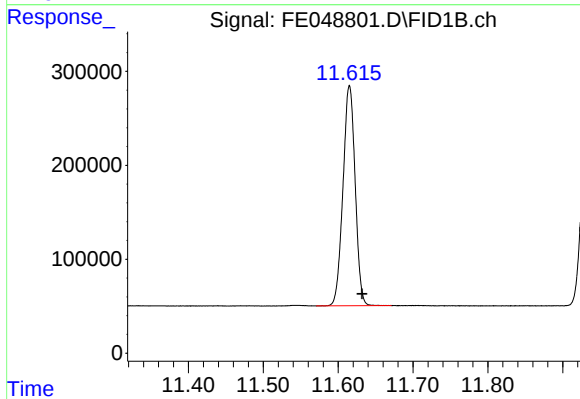
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.016 min
Response: 2635824
Conc: 18.58 ug/ml



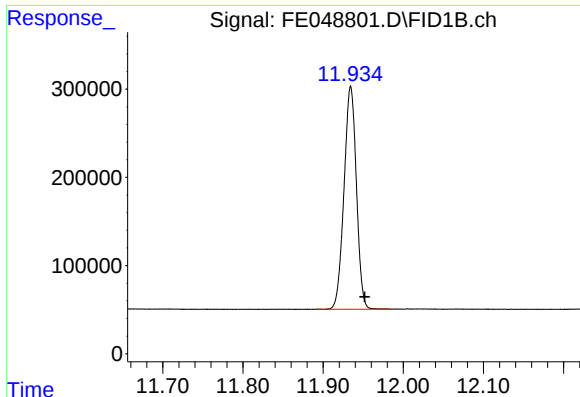
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.016 min
Response: 2662957
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

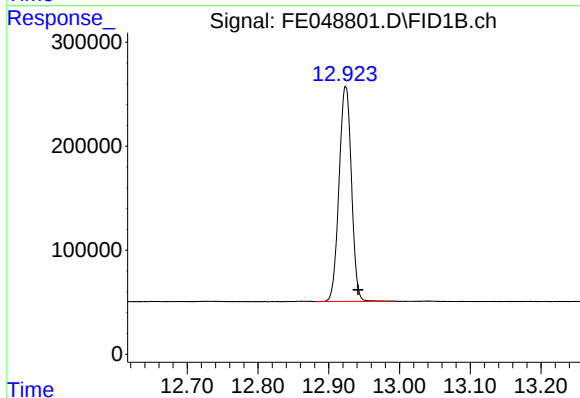
R.T.: 11.615 min
Delta R.T.: -0.017 min
Response: 2649497
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

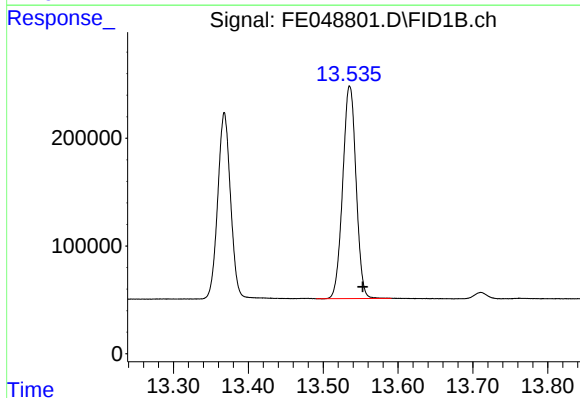
R.T.: 11.934 min
Delta R.T.: -0.018 min
Response: 2707335
Conc: 18.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



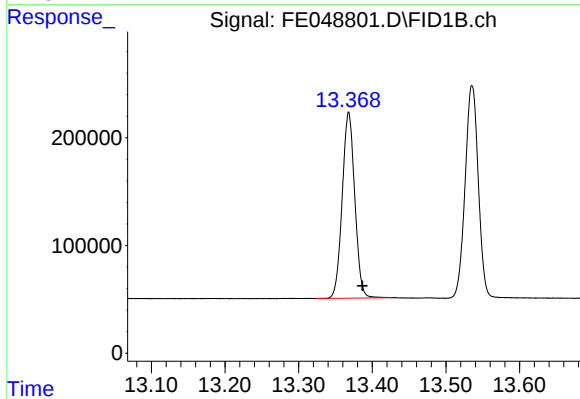
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.018 min
Response: 2514292
Conc: 19.00 ug/ml



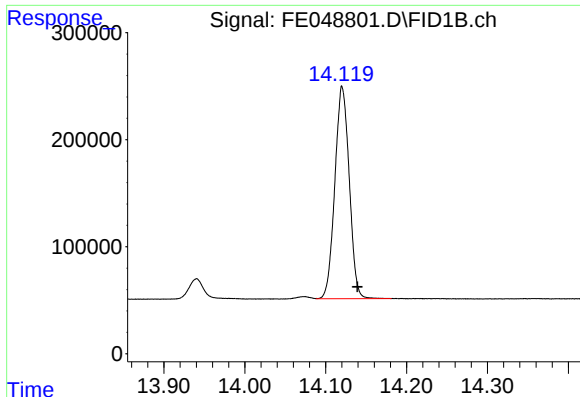
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.017 min
Response: 2445529
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

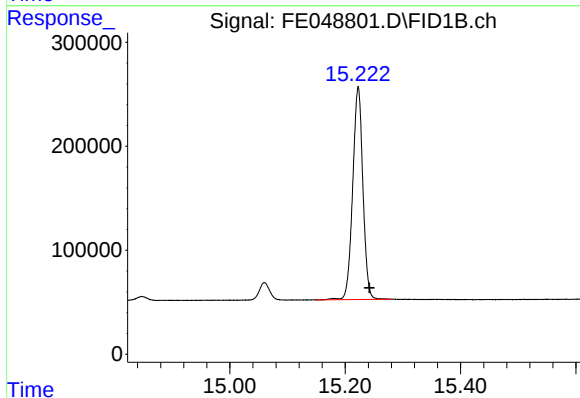
R.T.: 13.368 min
Delta R.T.: -0.019 min
Response: 2040092
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

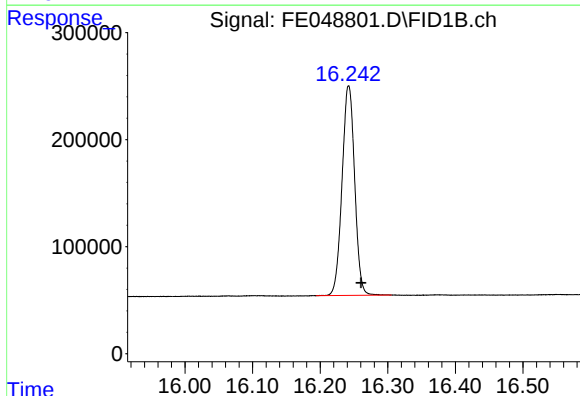
R.T.: 14.120 min
Delta R.T.: -0.019 min
Response: 2453732
Conc: 19.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



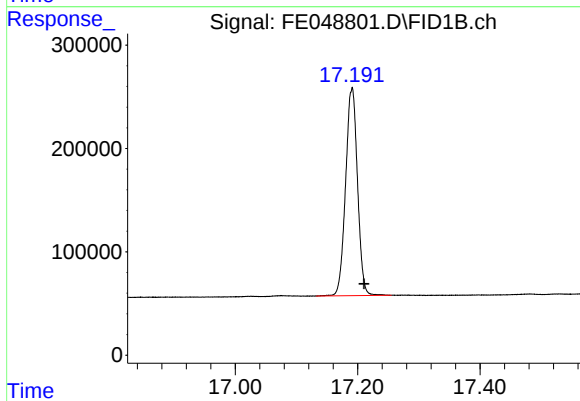
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: -0.019 min
Response: 2510366
Conc: 19.38 ug/ml



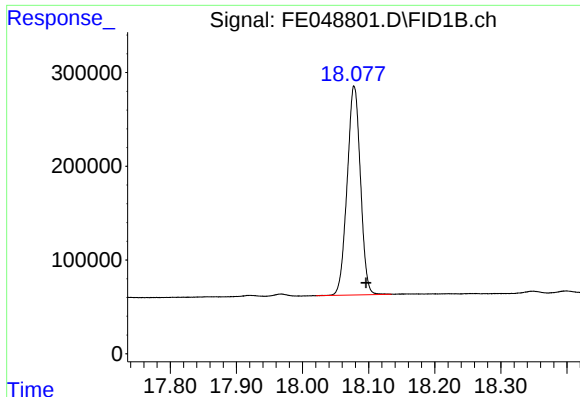
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.018 min
Response: 2535374
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

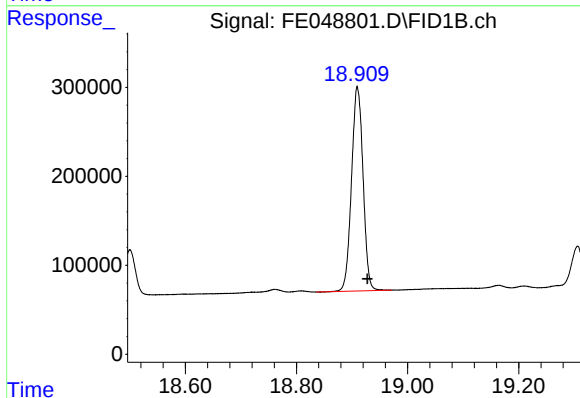
R.T.: 17.191 min
Delta R.T.: -0.019 min
Response: 2712265
Conc: 20.98 ug/ml



#17 n-Tricontane (C30)

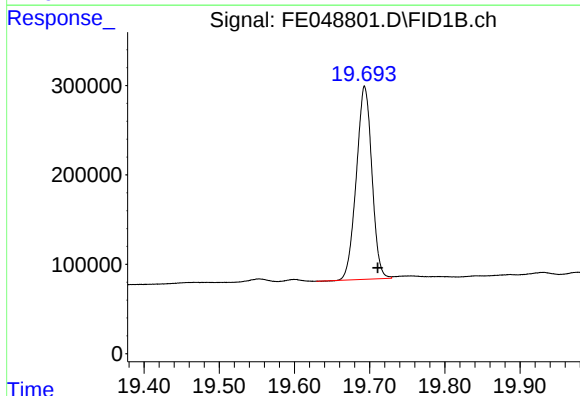
R.T.: 18.078 min
Delta R.T.: -0.018 min
Response: 3118714
Conc: 23.28 ug/ml

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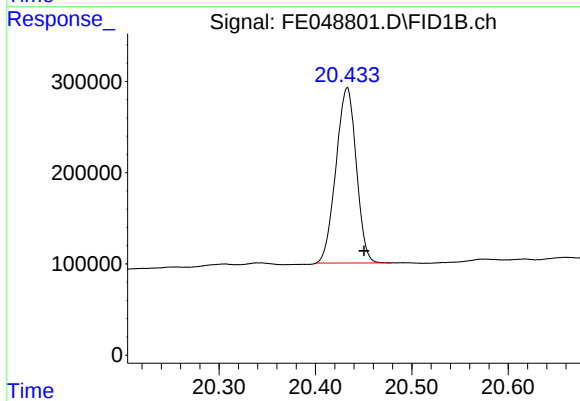
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.018 min
Response: 3303002
Conc: 24.33 ug/ml



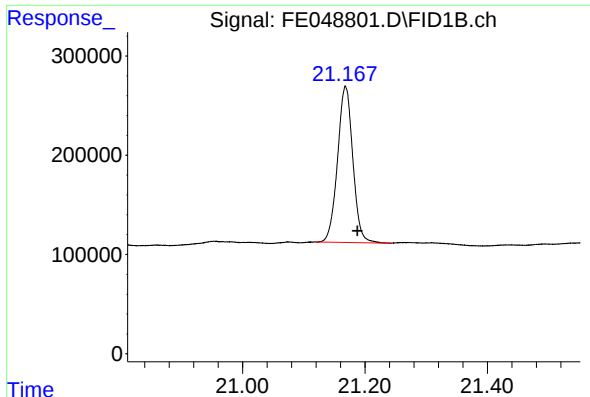
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.018 min
Response: 3096310
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

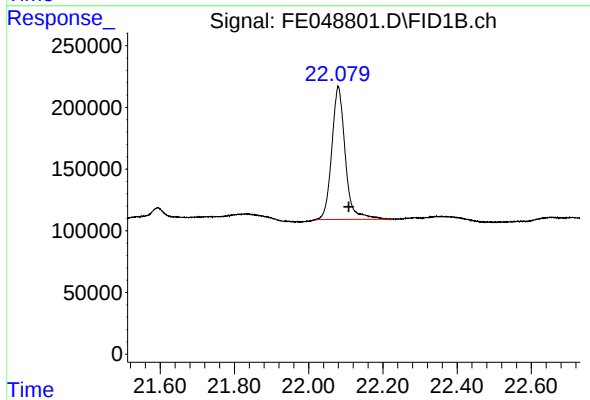
R.T.: 20.433 min
Delta R.T.: -0.017 min
Response: 2812826
Conc: 20.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.019 min
Response: 2728542
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.028 min
Response: 2711002
Conc: 19.80 ug/ml