

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091024AL\
 Data File : FE049977.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2024 15:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 09 16:11:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 16:11:00 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)	11.878	2895938	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.313	2203444	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.266	2654910	20.000 ug/ml
2) T n-Decane (C10)	4.517	2699899	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.226	2766496	20.000 ug/ml
4) T n-Dodecane (C12)	6.684	2710995	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.322	2595808	20.000 ug/ml
6) T n-Tetradecane (C14)	8.511	2663946	20.000 ug/ml
7) T n-Hexadecane (C16)	10.118	2719618	20.000 ug/ml
8) T n-Octadecane (C18)	11.560	2732879	20.000 ug/ml
10) T n-Eicosane (C20)	12.868	2616156	20.000 ug/ml
11) T n-Heneicosane (C21)	13.479	2565250	20.000 ug/ml
13) T n-Docosane (C22)	14.065	2543039	20.000 ug/ml
14) T n-Tetracosane (C24)	15.166	2538933	20.000 ug/ml
15) T n-Hexacosane (C26)	16.185	2495125	20.000 ug/ml
16) T n-Octacosane (C28)	17.134	2498769	20.000 ug/ml
17) T n-Tricontane (C30)	18.021	2577973	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.853	2567596	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.636	2391157	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.375	2133262	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.101	2152753	20.000 ug/ml
22) T n-Tetracontane (C40)	21.994	2130324	20.000 ug/ml

(f)=RT Delta > 1/2 Window

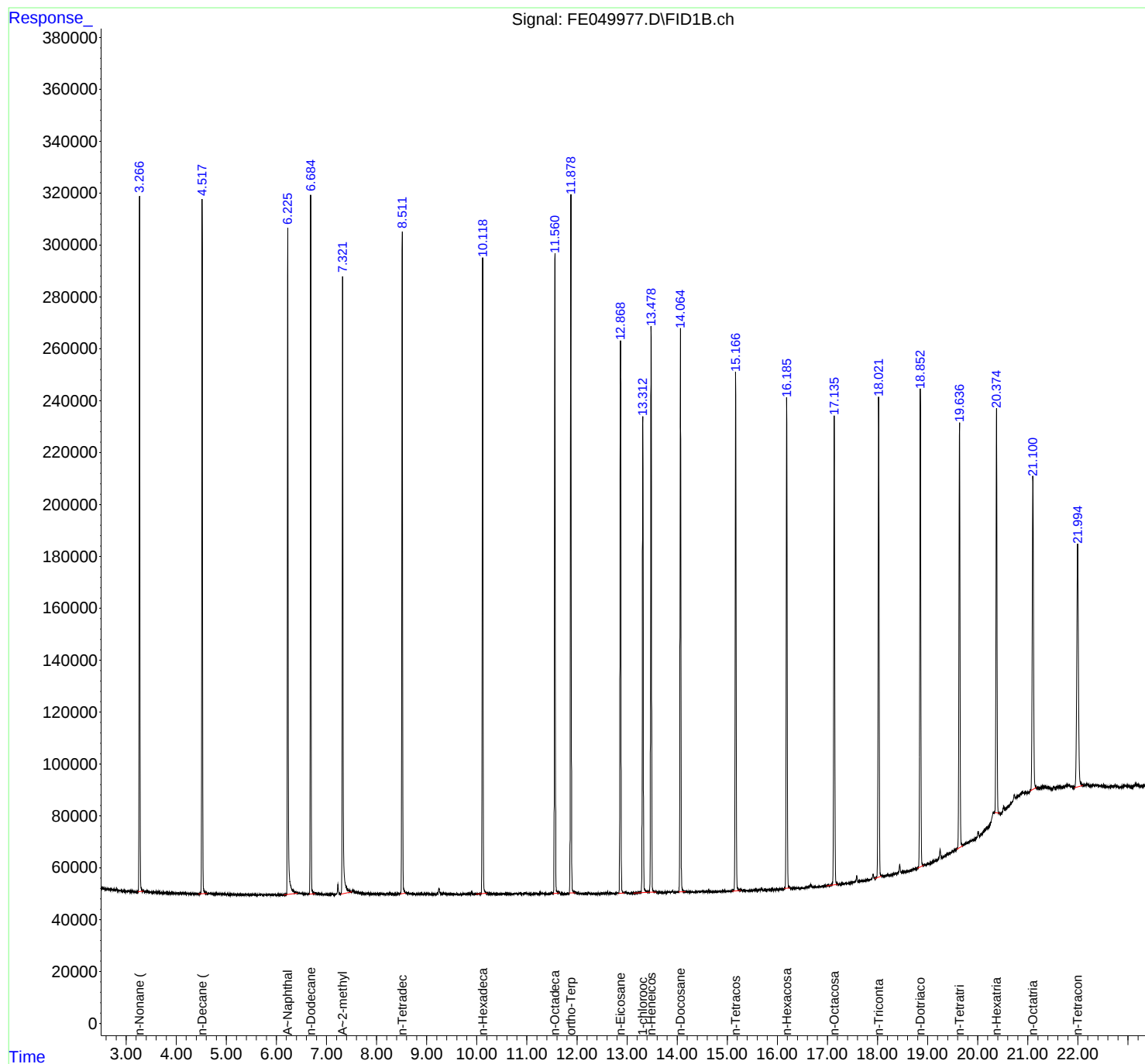
(m)=manual int.

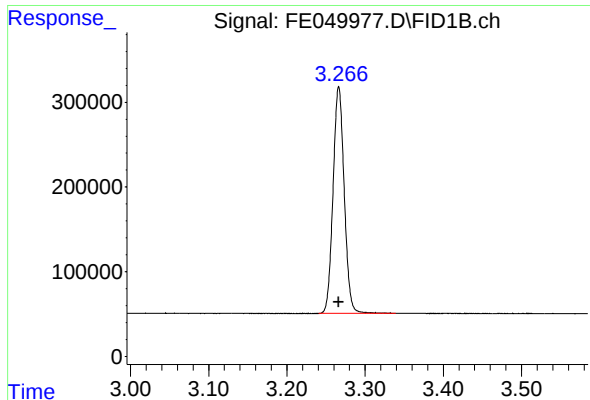
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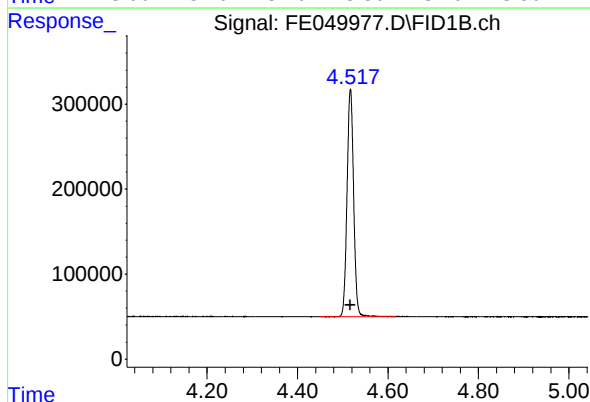




#1 n-Nonane (C9)

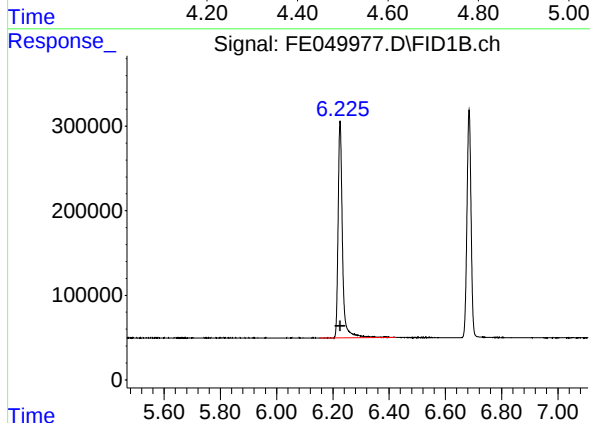
R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 2654910
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



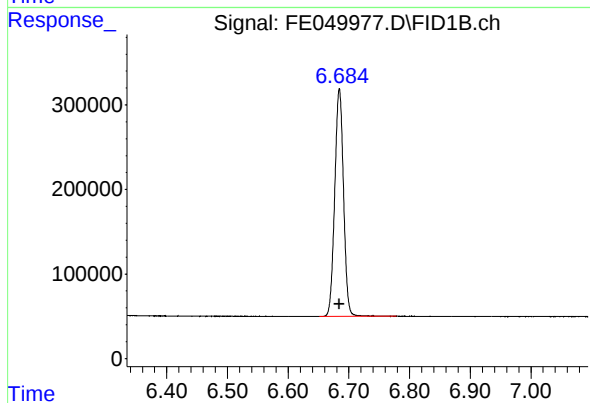
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2699899
Conc: 20.00 ug/ml



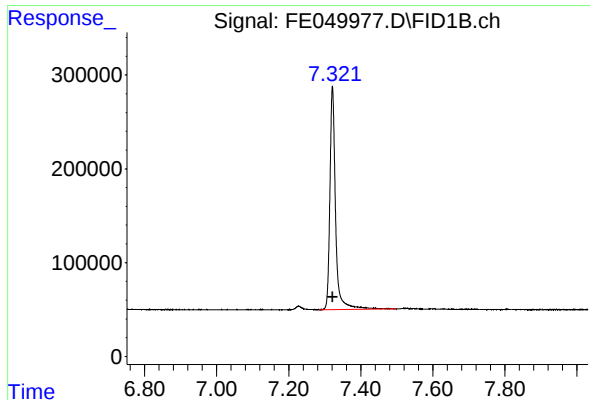
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 2766496
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

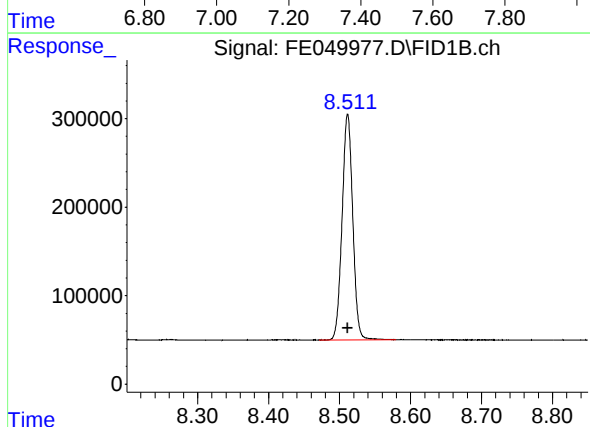
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2710995
Conc: 20.00 ug/ml



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

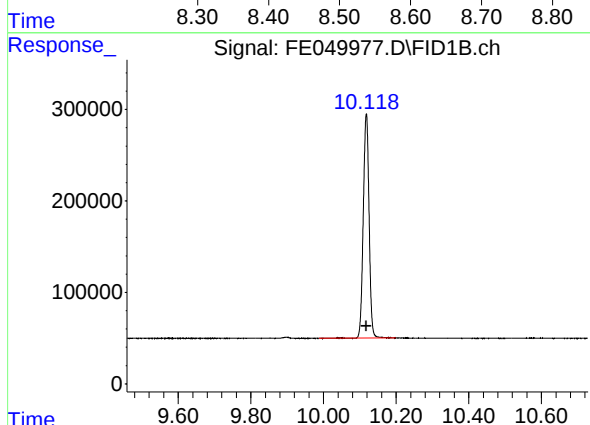
R.T.: 7.322 min
Delta R.T.: 0.000 min
Response: 2595808
Conc: 20.00 ug/ml

Instrument :
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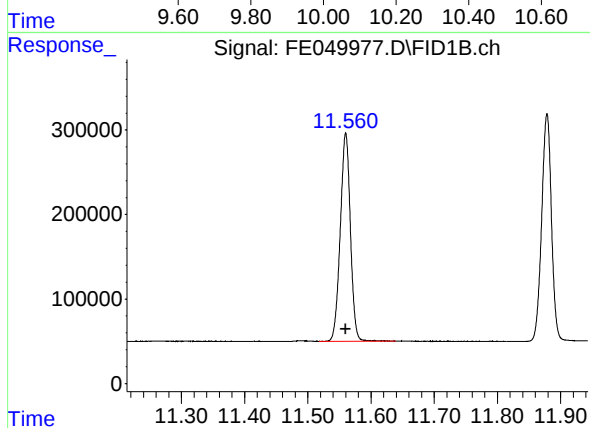
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 2663946
Conc: 20.00 ug/ml



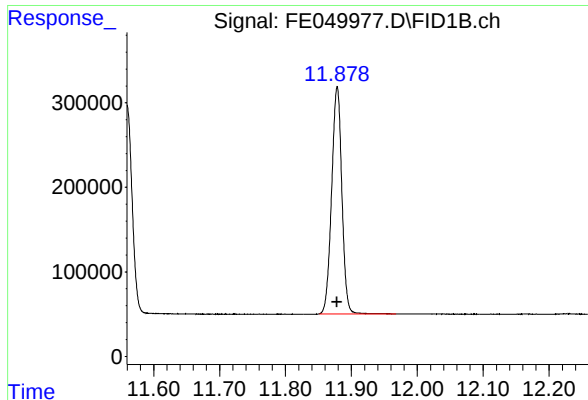
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.000 min
Response: 2719618
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

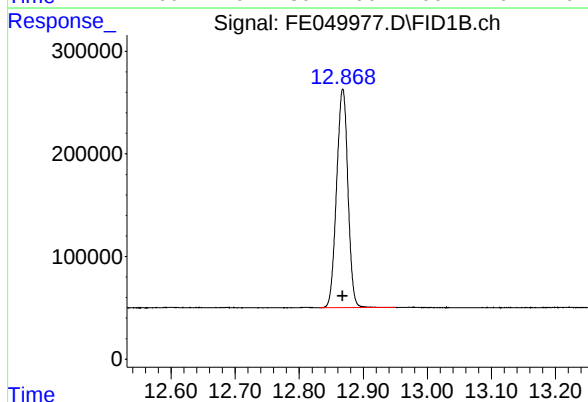
R.T.: 11.560 min
Delta R.T.: 0.000 min
Response: 2732879
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

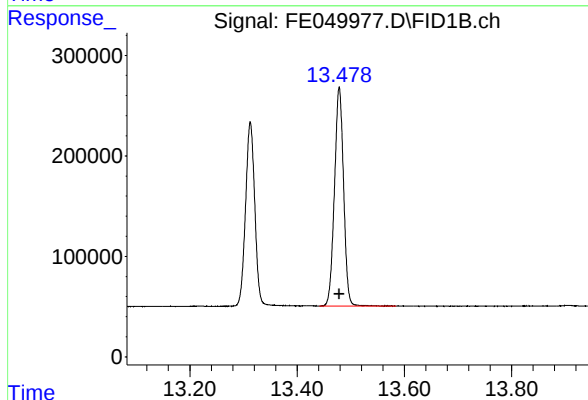
R.T.: 11.878 min
Delta R.T.: 0.000 min
Response: 2895938
Conc: 20.00 ug/ml

Instrument :
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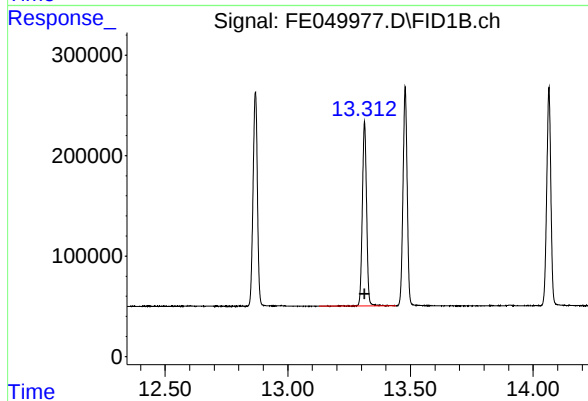
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 2616156
Conc: 20.00 ug/ml



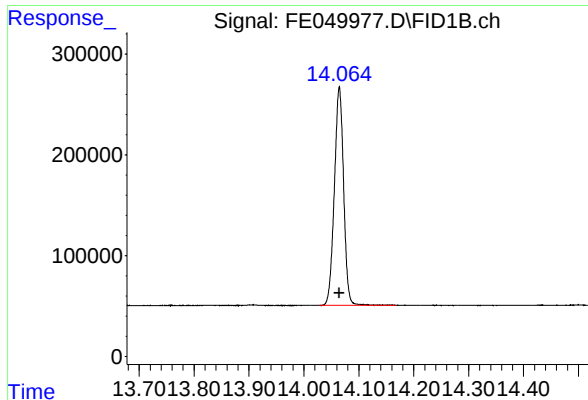
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 2565250
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

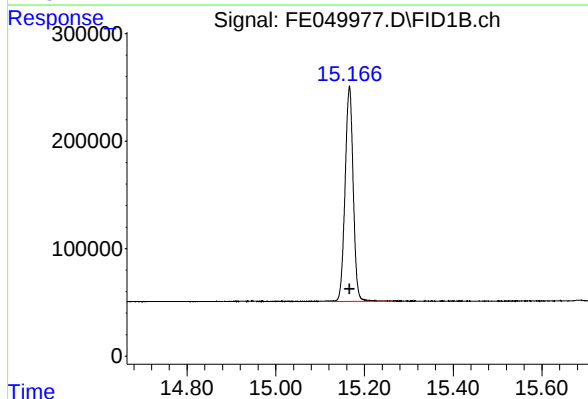
R.T.: 13.313 min
Delta R.T.: 0.000 min
Response: 2203444
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

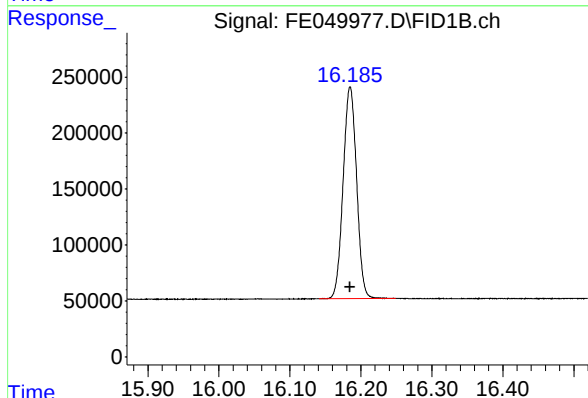
R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 2543039
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



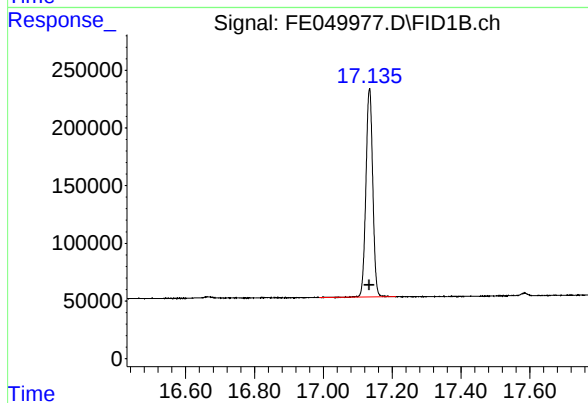
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.000 min
Response: 2538933
Conc: 20.00 ug/ml



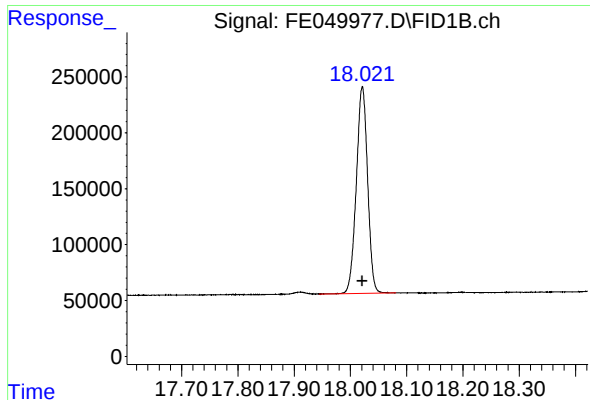
#15 n-Hexacosane (C26)

R.T.: 16.185 min
Delta R.T.: 0.000 min
Response: 2495125
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

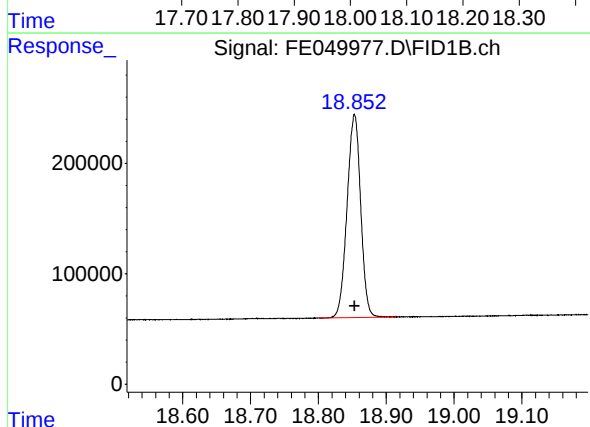
R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 2498769
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

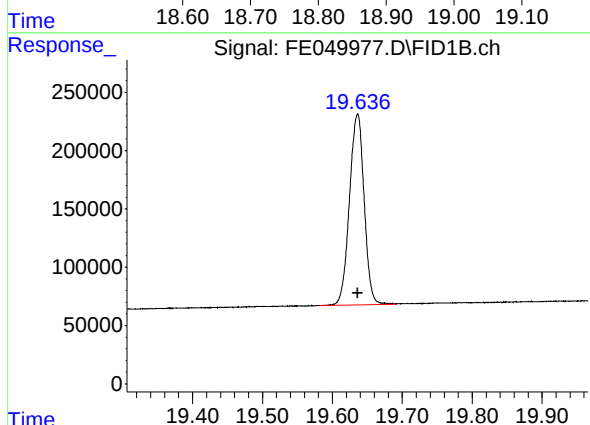
R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 2577973
Conc: 20.00 ug/ml

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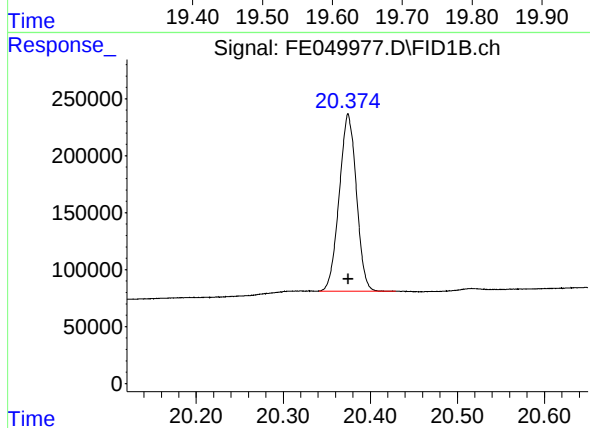
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.000 min
Response: 2567596
Conc: 20.00 ug/ml



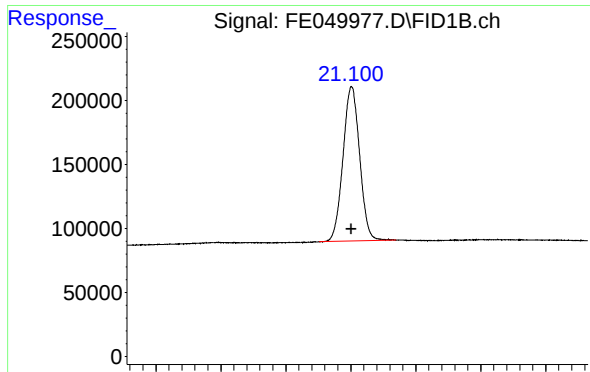
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: 0.000 min
Response: 2391157
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

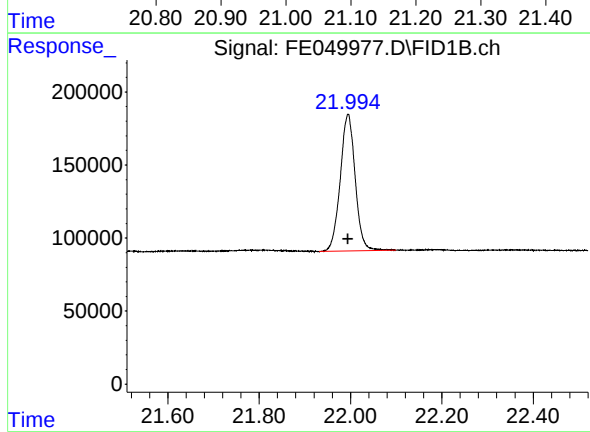
R.T.: 20.375 min
Delta R.T.: 0.000 min
Response: 2133262
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.000 min
Response: 2152753
Conc: 20.00 ug/ml

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FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.994 min
Delta R.T.: 0.000 min
Response: 2130324
Conc: 20.00 ug/ml