

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052689.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 19:55
 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: Mar 07 22:37:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.911	2994650	17.763 ug/ml
Spiked Amount 50.000		Recovery =	35.53%
12) S 1-chlorooctadecane (S...	13.356	2278814	18.767 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
Target Compounds			
1) T n-Nonane (C9)	3.251	2803958	18.084 ug/ml
2) T n-Decane (C10)	4.512	2922042	18.600 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3126509	18.435 ug/ml
4) T n-Dodecane (C12)	6.694	2895615	18.597 ug/ml
5) T A~2-methylnaphthalene...	7.330	2987206	18.433 ug/ml
6) T n-Tetradecane (C14)	8.531	2783401	18.395 ug/ml
7) T n-Hexadecane (C16)	10.146	2812826	18.398 ug/ml
8) T n-Octadecane (C18)	11.595	2784904	18.305 ug/ml
10) T n-Eicosane (C20)	12.910	2648716	18.245 ug/ml
11) T n-Heneicosane (C21)	13.525	2601822	18.280 ug/ml
13) T n-Docosane (C22)	14.113	2598422	18.259 ug/ml
14) T n-Tetracosane (C24)	15.220	2600198	18.169 ug/ml
15) T n-Hexacosane (C26)	16.245	2581830	18.157 ug/ml
16) T n-Octacosane (C28)	17.197	2611110	18.363 ug/ml
17) T n-Tricontane (C30)	18.086	2773479	18.778 ug/ml
18) T n-Dotriacontane (C32)	18.921	2794418	19.248 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2505483	18.590 ug/ml
20) T n-Hexatriacontane (C36)	20.447	2246496	18.906 ug/ml
21) T n-Octatriacontane (C38)	21.188	2203971	19.867 ug/ml
22) T n-Tetracontane (C40)	22.111	2284416	21.129 ug/ml

(f)=RT Delta > 1/2 Window

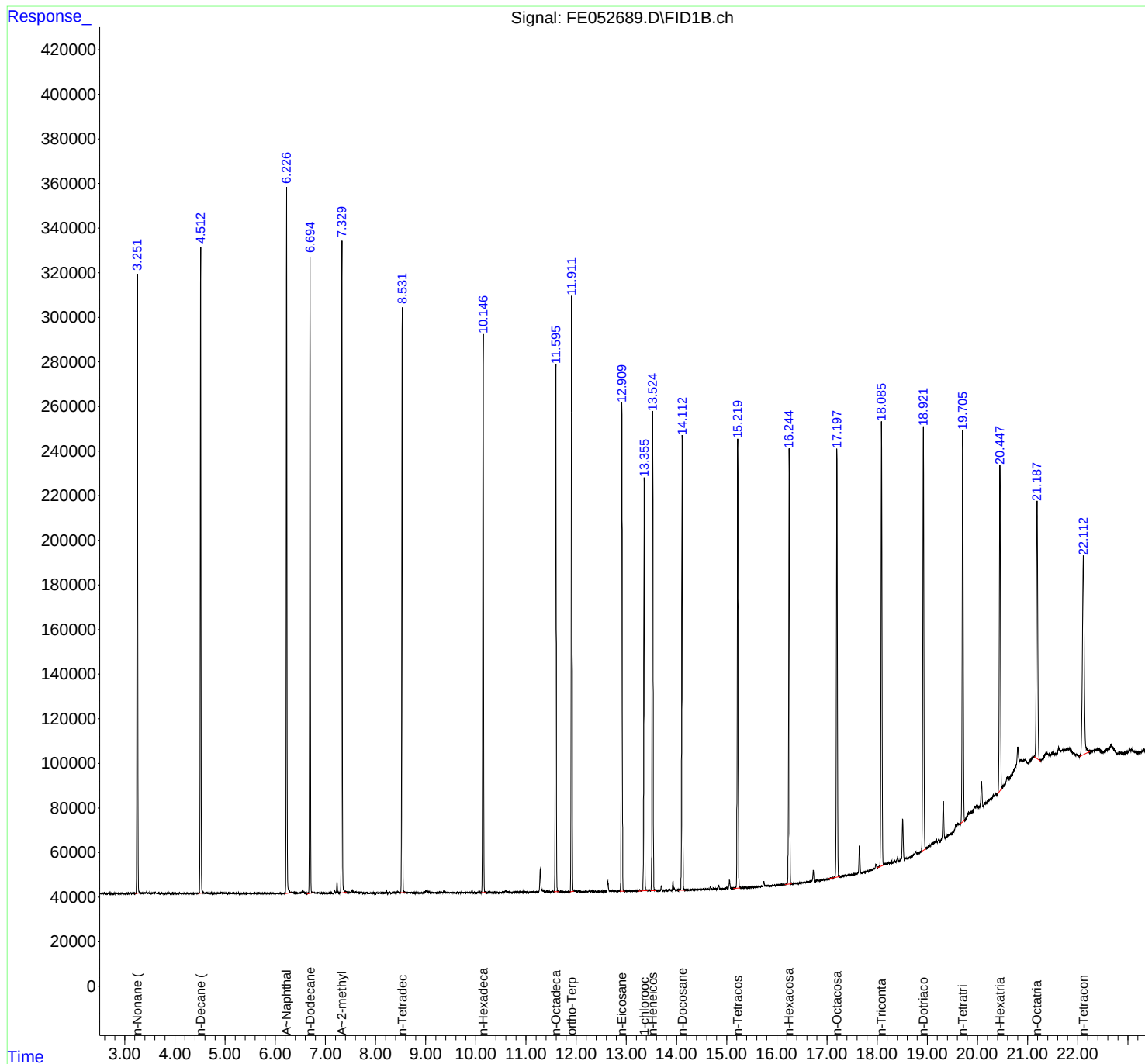
(m)=manual int.

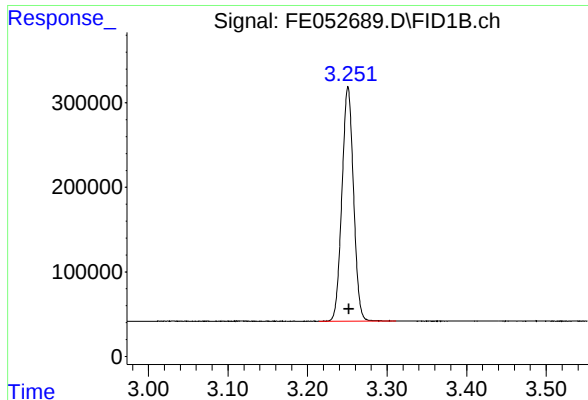
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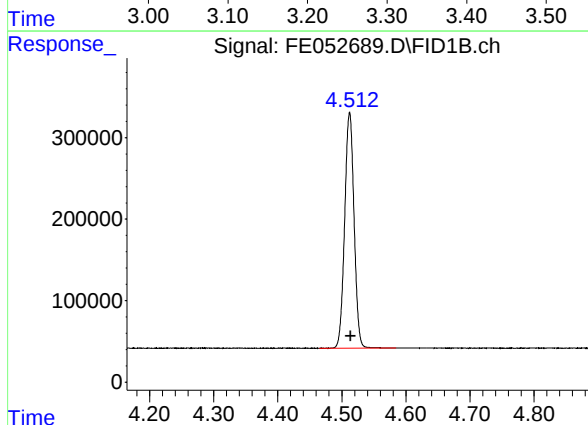




#1 n-Nonane (C9)

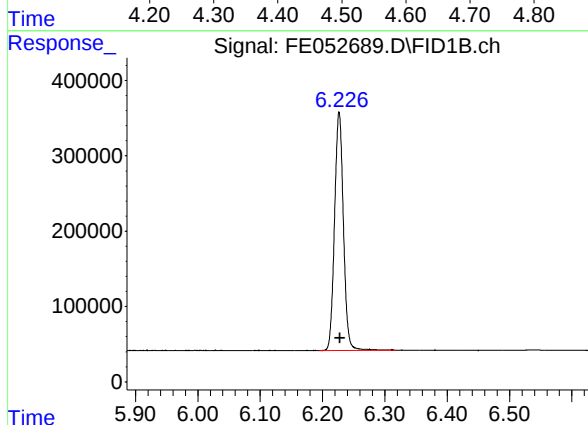
R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 2803958
Conc: 18.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



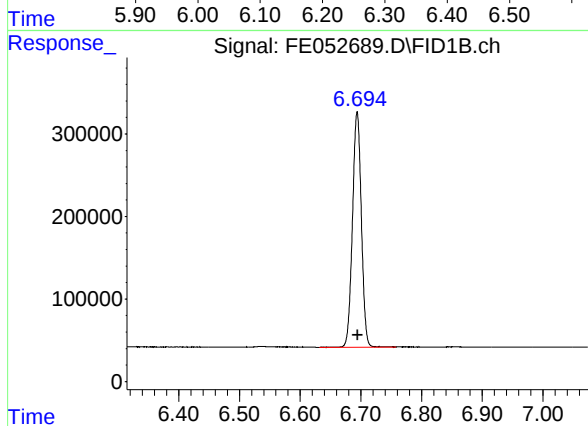
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 2922042
Conc: 18.60 ug/ml



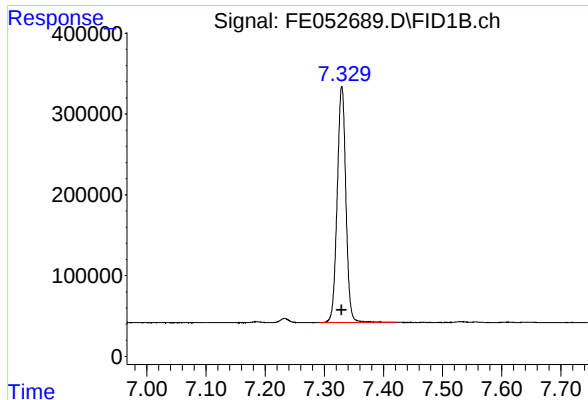
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 3126509
Conc: 18.44 ug/ml



#4 n-Dodecane (C12)

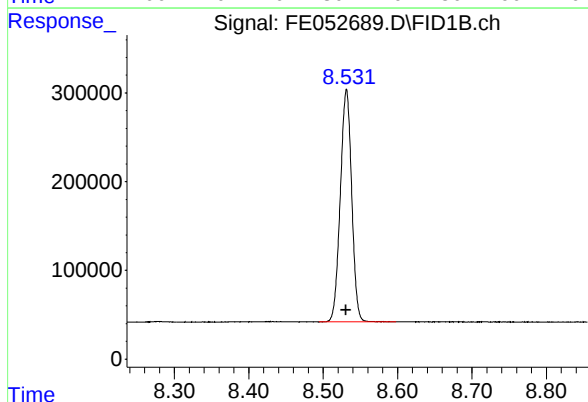
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 2895615
Conc: 18.60 ug/ml



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

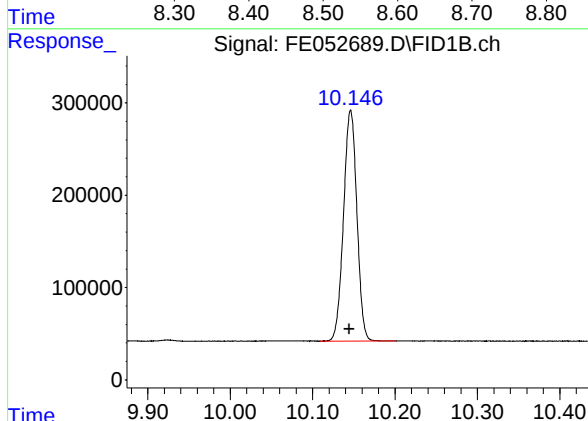
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 2987206
Conc: 18.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



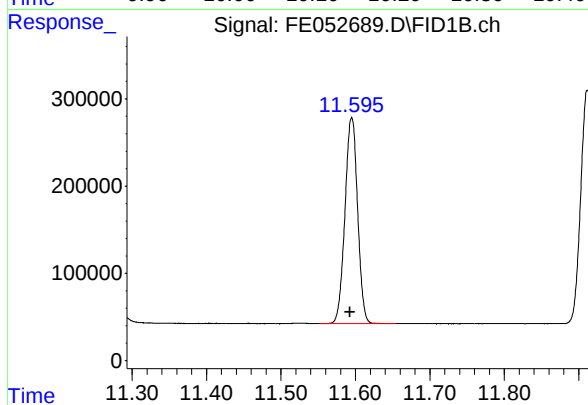
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2783401
Conc: 18.40 ug/ml



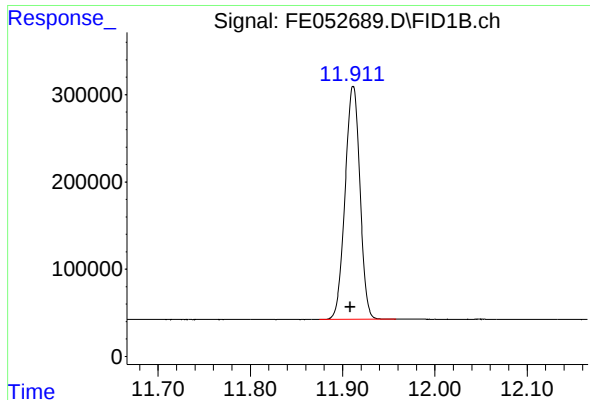
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: 0.002 min
Response: 2812826
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

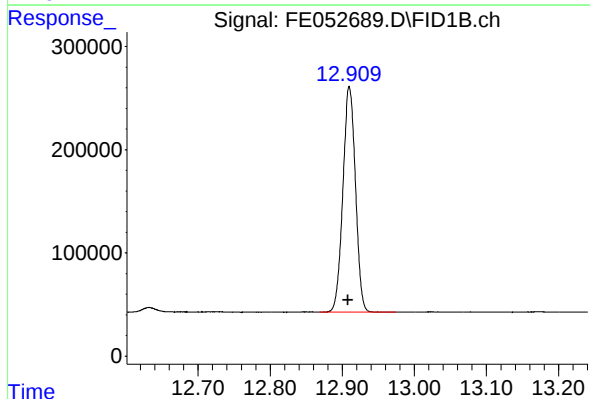
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 2784904
Conc: 18.30 ug/ml



#9 ortho-Terphenyl (SURR)

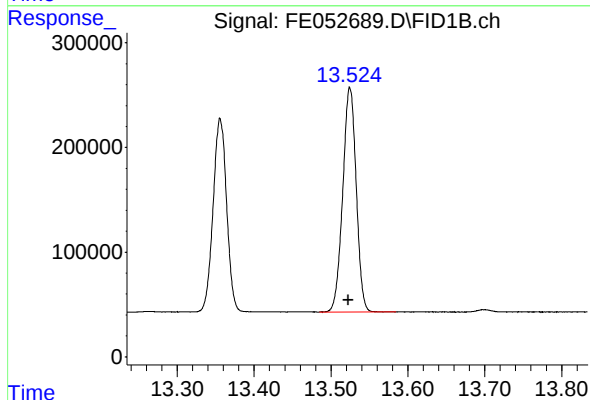
R.T.: 11.911 min
Delta R.T.: 0.003 min
Response: 2994650
Conc: 17.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



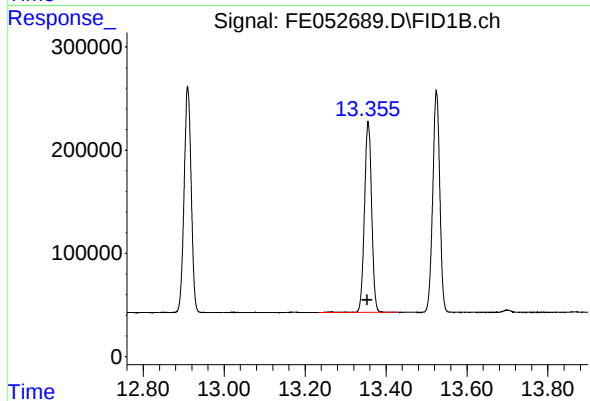
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 2648716
Conc: 18.25 ug/ml



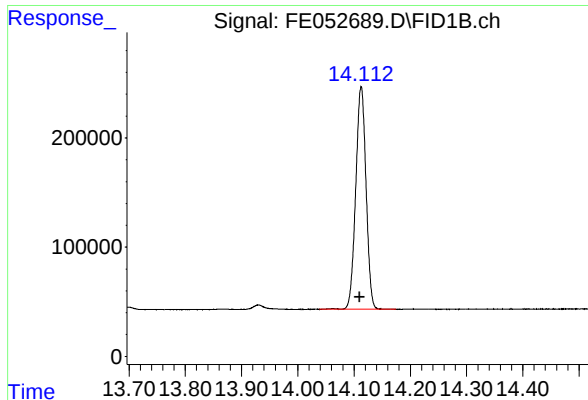
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 2601822
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

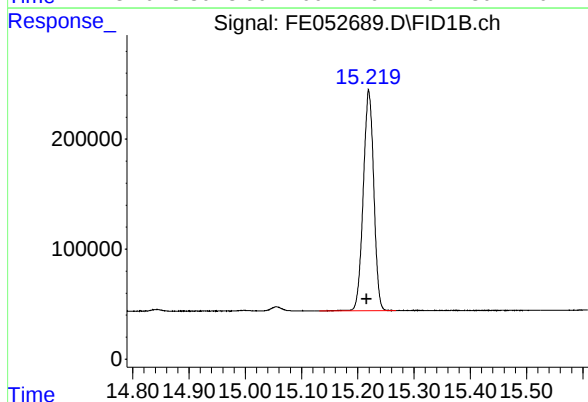
R.T.: 13.356 min
Delta R.T.: 0.002 min
Response: 2278814
Conc: 18.77 ug/ml



#13 n-Docosane (C22)

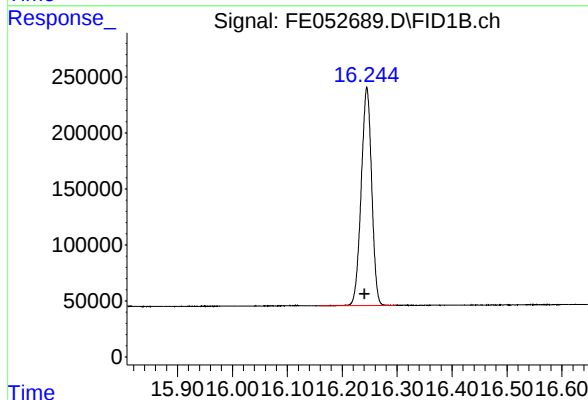
R.T.: 14.113 min
Delta R.T.: 0.003 min
Response: 2598422
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



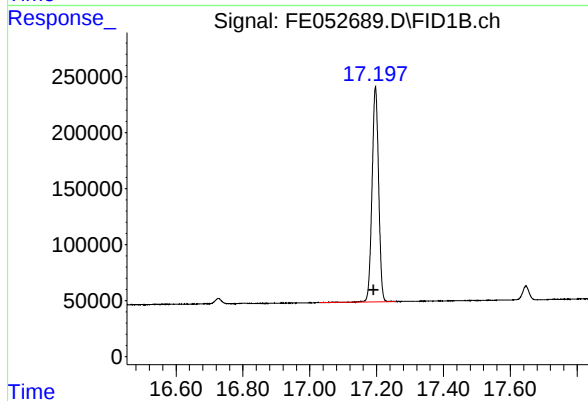
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: 0.004 min
Response: 2600198
Conc: 18.17 ug/ml



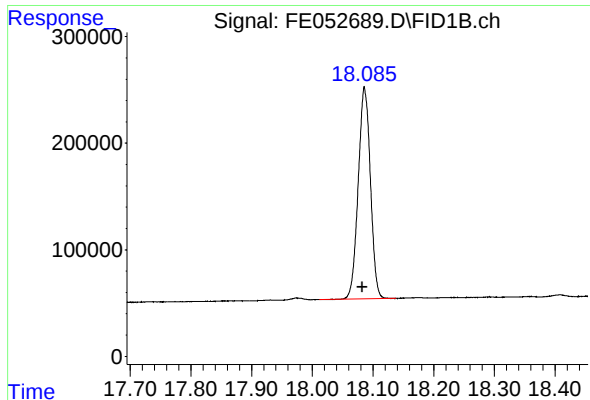
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 2581830
Conc: 18.16 ug/ml



#16 n-Octacosane (C28)

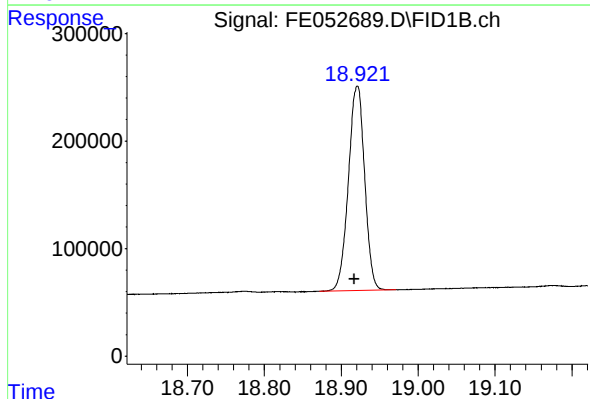
R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 2611110
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

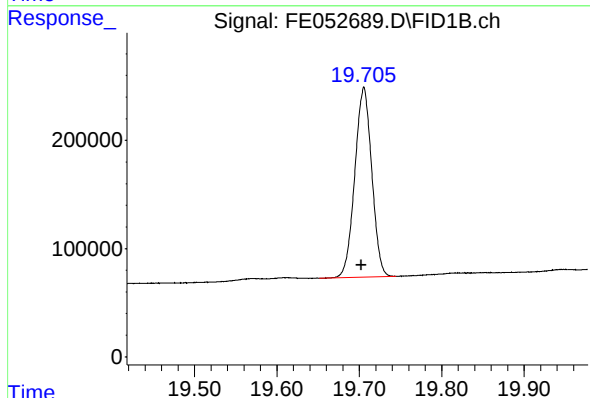
R.T.: 18.086 min
Delta R.T.: 0.004 min
Response: 2773479
Conc: 18.78 ug/ml

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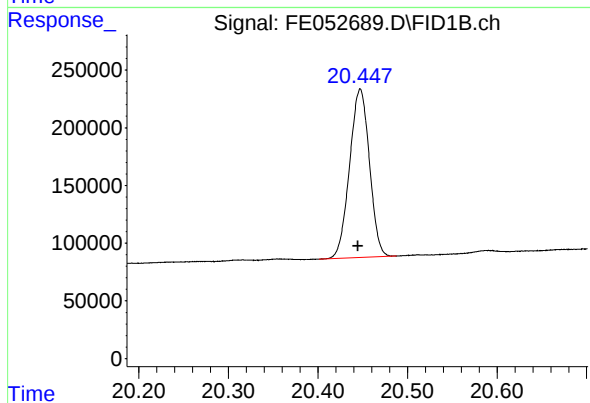
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: 0.004 min
Response: 2794418
Conc: 19.25 ug/ml



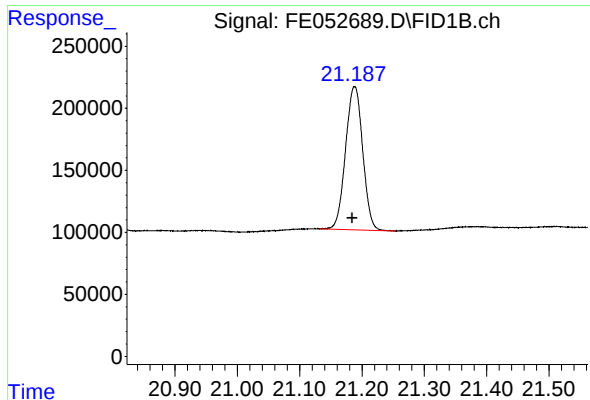
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.003 min
Response: 2505483
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

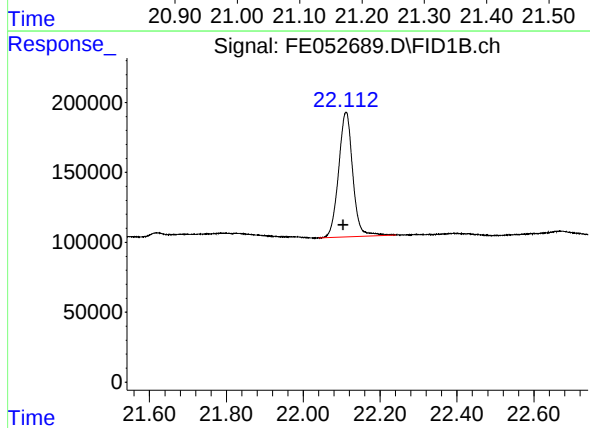
R.T.: 20.447 min
Delta R.T.: 0.002 min
Response: 2246496
Conc: 18.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.003 min
Response: 2203971
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.111 min
Delta R.T.: 0.007 min
Response: 2284416
Conc: 21.13 ug/ml