

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013805.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 16:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 10 16:36:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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)	11.965	2941032	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.406	2273521	19.267 ug/ml
Spiked Amount 50.000		Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.326	2594196	19.503 ug/ml
2) T n-Decane (C10)	4.580	2648143	19.480 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2873914	19.452 ug/ml
4) T n-Dodecane (C12)	6.750	2674720	19.495 ug/ml
5) T A~2-methylnaphthalene...	7.386	2796171	19.485 ug/ml
6) T n-Tetradecane (C14)	8.583	2667778	19.492 ug/ml
7) T n-Hexadecane (C16)	10.196	2783231	19.488 ug/ml
8) T n-Octadecane (C18)	11.644	2826545	19.404 ug/ml
10) T n-Eicosane (C20)	12.959	2723014	19.317 ug/ml
11) T n-Heneicosane (C21)	13.573	2676911	19.273 ug/ml
13) T n-Docosane (C22)	14.162	2658436	19.227 ug/ml
14) T n-Tetracosane (C24)	15.268	2640508	19.138 ug/ml
15) T n-Hexacosane (C26)	16.293	2577728	19.075 ug/ml
16) T n-Octacosane (C28)	17.246	2498693	19.043 ug/ml
17) T n-Tricontane (C30)	18.137	2493046	18.886 ug/ml
18) T n-Dotriacontane (C32)	18.971	2436272	18.594 ug/ml
19) T n-Tetratriacontane (C34)	19.756	2296694	18.832 ug/ml
20) T n-Hexatriacontane (C36)	20.497	2172741	18.837 ug/ml
21) T n-Octatriacontane (C38)	21.251	2067554	19.142 ug/ml
22) T n-Tetracontane (C40)	22.196	1940422	18.655 ug/ml

(f)=RT Delta > 1/2 Window

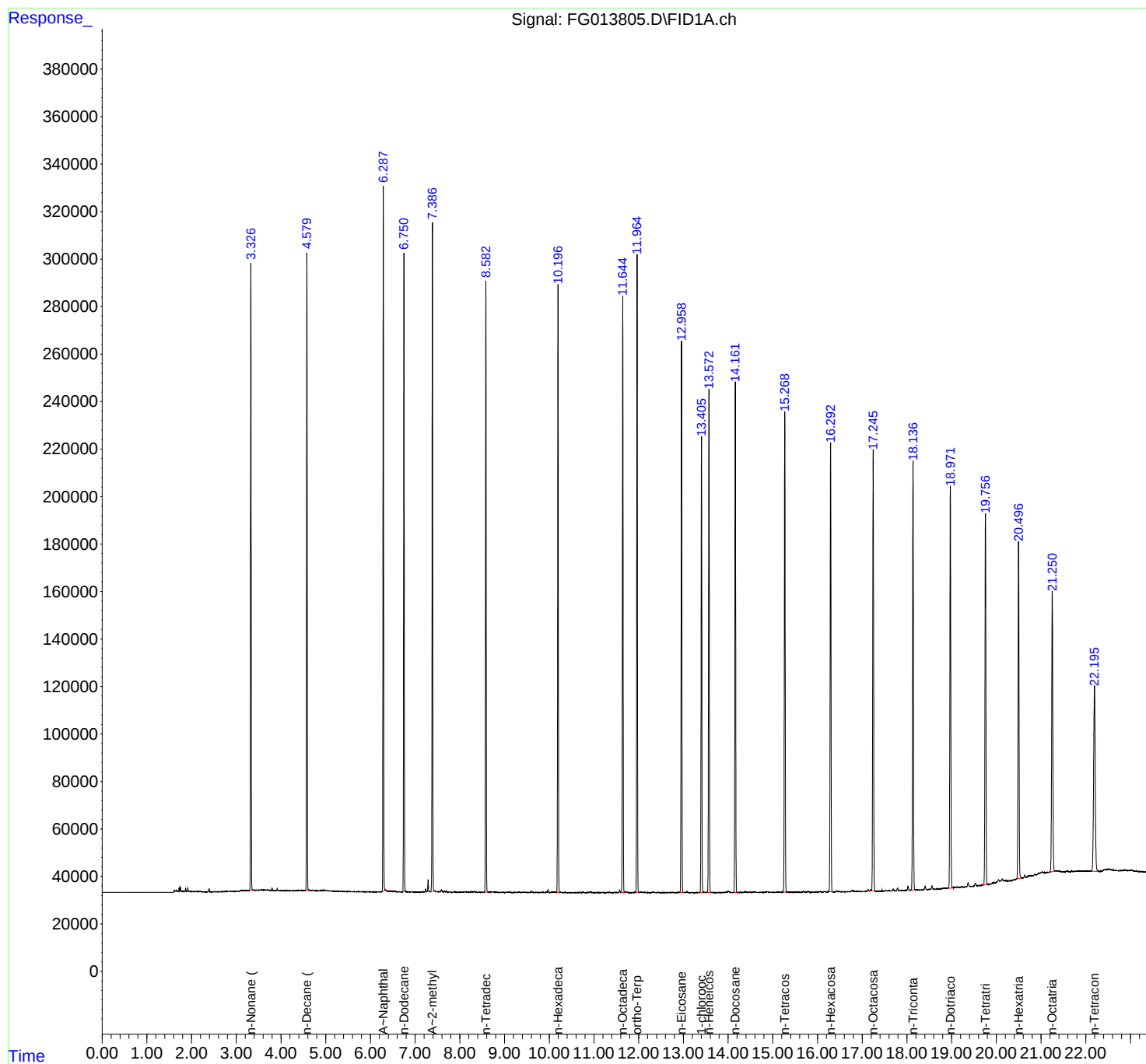
(m)=manual int.

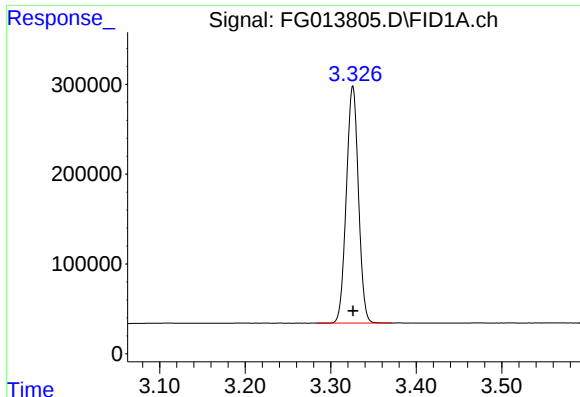
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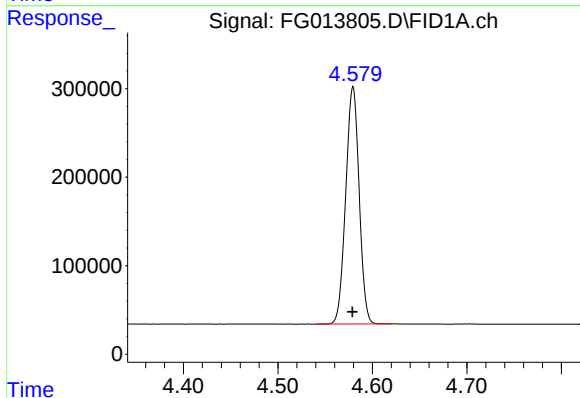




#1 n-Nonane (C9)

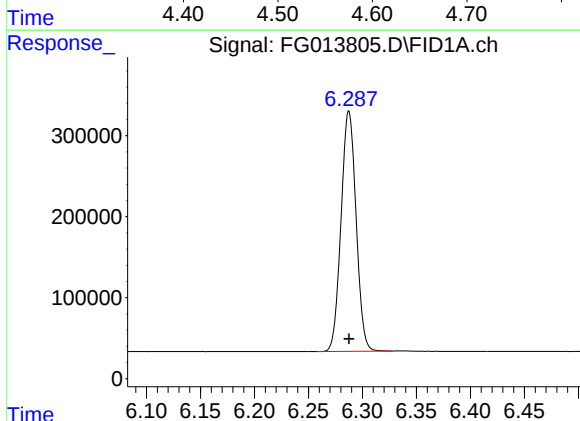
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 2594196
Conc: 19.50 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD ICV



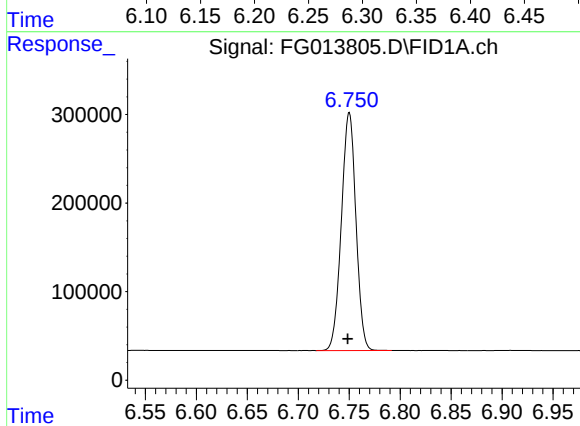
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 2648143
Conc: 19.48 ug/ml



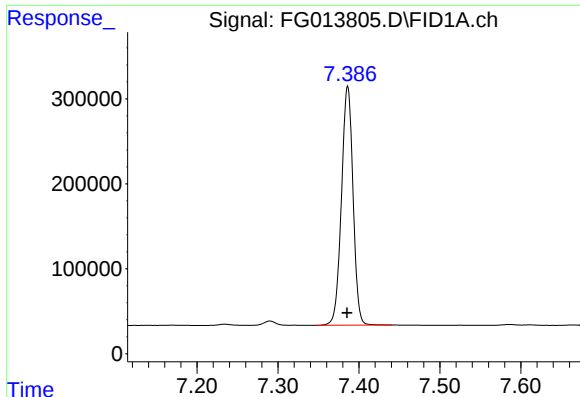
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 2873914
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

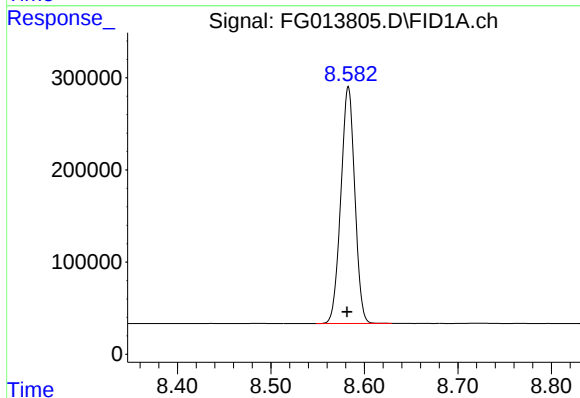
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 2674720
Conc: 19.50 ug/ml



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

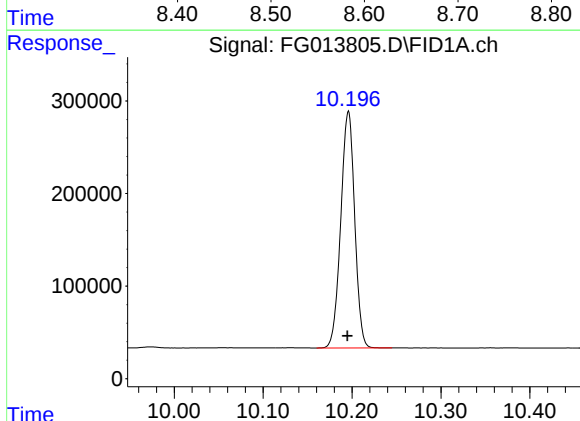
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2796171
Conc: 19.48 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



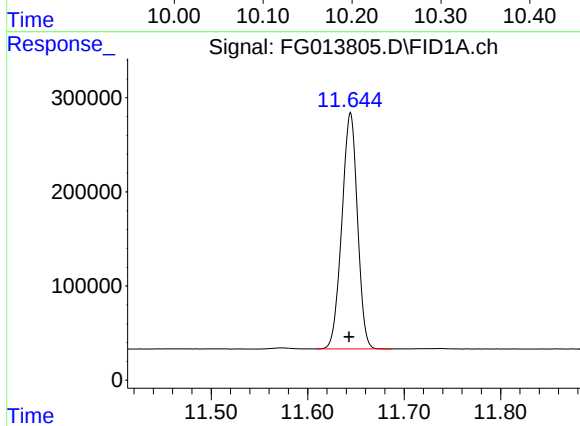
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: 0.001 min
Response: 2667778
Conc: 19.49 ug/ml



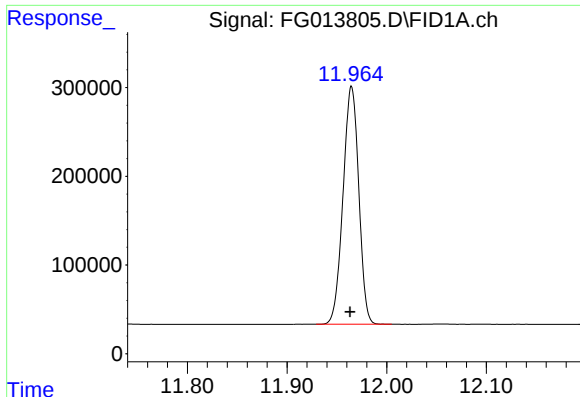
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: 0.001 min
Response: 2783231
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: 0.002 min
Response: 2826545
Conc: 19.40 ug/ml



#9 ortho-Terphenyl (SURR)

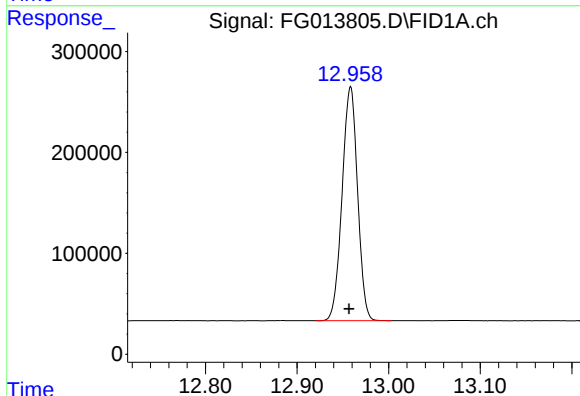
R.T.: 11.965 min
Delta R.T.: 0.001 min
Response: 2941032
Conc: 19.41 ug/ml

Instrument :

FID_G

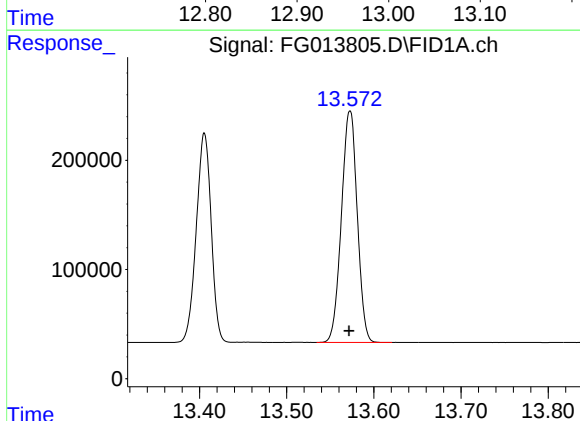
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



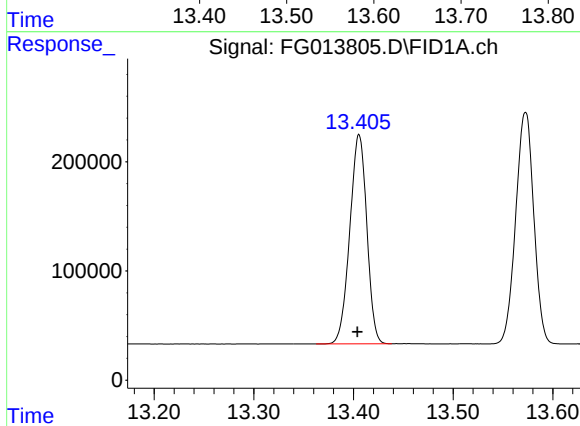
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.001 min
Response: 2723014
Conc: 19.32 ug/ml



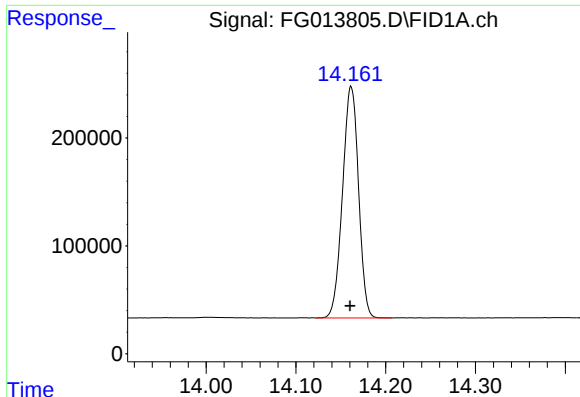
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.001 min
Response: 2676911
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

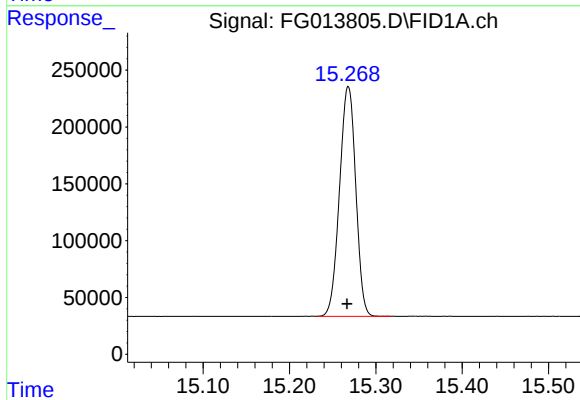
R.T.: 13.406 min
Delta R.T.: 0.002 min
Response: 2273521
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

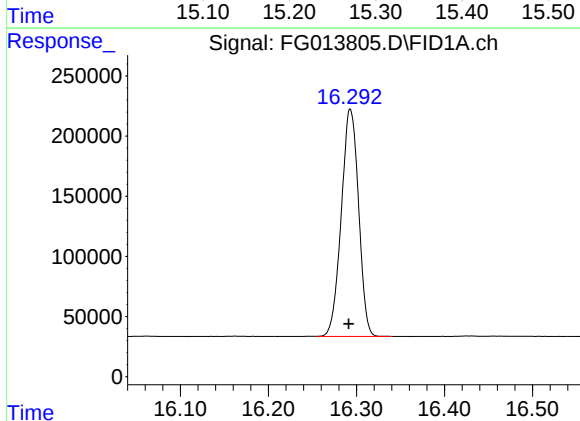
R.T.: 14.162 min
Delta R.T.: 0.001 min
Response: 2658436
Conc: 19.23 ug/ml

Instrument :
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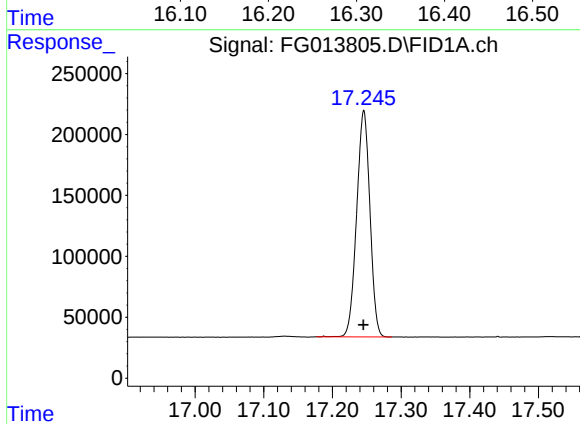
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.001 min
Response: 2640508
Conc: 19.14 ug/ml



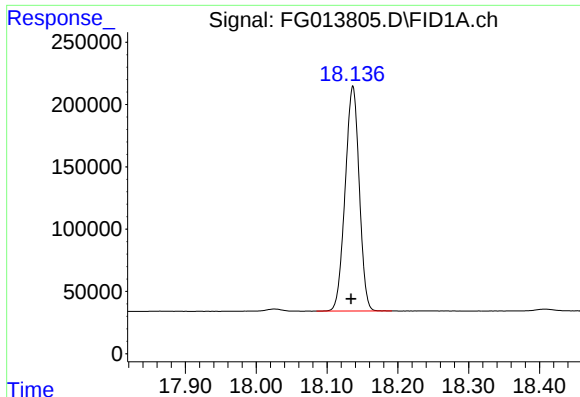
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.002 min
Response: 2577728
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

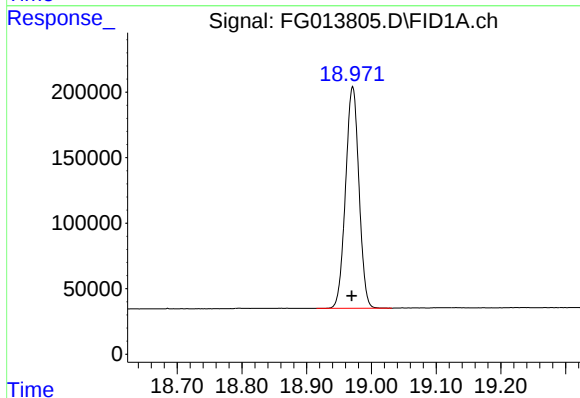
R.T.: 17.246 min
Delta R.T.: 0.000 min
Response: 2498693
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

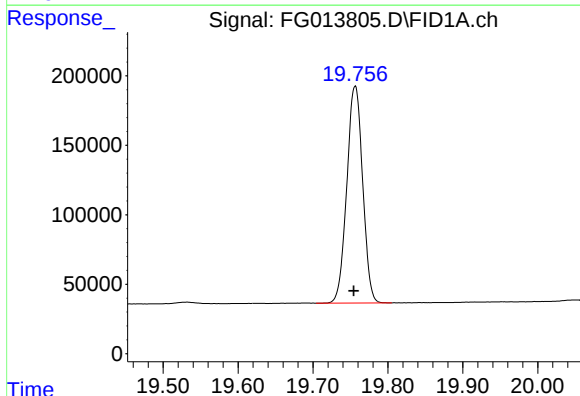
R.T.: 18.137 min
Delta R.T.: 0.002 min
Response: 2493046
Conc: 18.89 ug/ml

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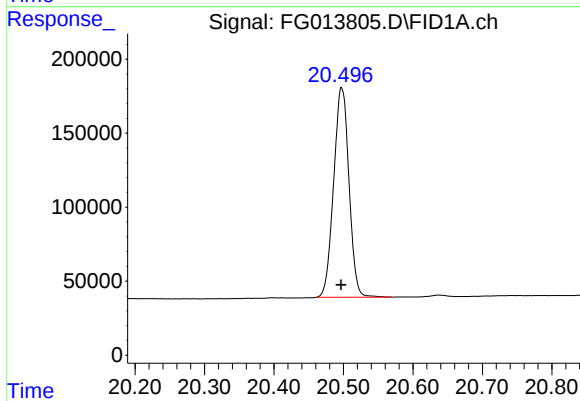
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.002 min
Response: 2436272
Conc: 18.59 ug/ml



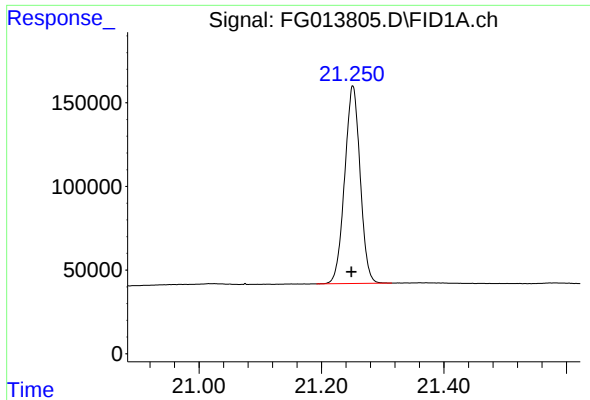
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.002 min
Response: 2296694
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

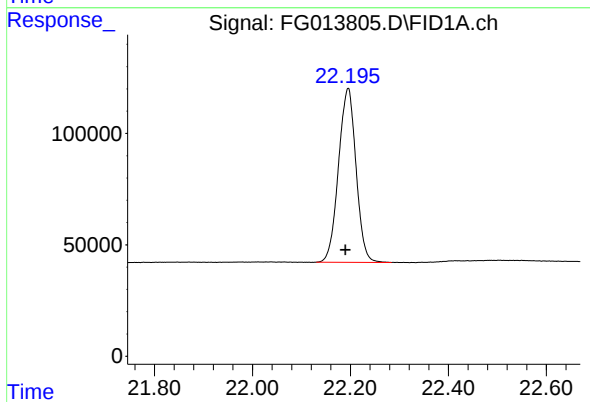
R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 2172741
Conc: 18.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.002 min
Response: 2067554
Conc: 19.14 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.196 min
Delta R.T.: 0.006 min
Response: 1940422
Conc: 18.65 ug/ml