

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100125AL\
 Data File : FG016719.D
 Signal(s) : FID1A.ch
 Acq On : 01 Oct 2025 10:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 01 15:21:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.055	2620662	18.373 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
12) S 1-chlorooctadecane (S...	13.502	2029953	17.984 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.373	2119915	18.681 ug/ml
2) T n-Decane (C10)	4.635	2170706	18.769 ug/ml
3) T A~Naphthalene (C11.7)	6.354	2287715	18.555 ug/ml
4) T n-Dodecane (C12)	6.818	2203490	18.773 ug/ml
5) T A~2-methylnaphthalene...	7.458	2136442	18.469 ug/ml
6) T n-Tetradecane (C14)	8.658	2196624	18.723 ug/ml
7) T n-Hexadecane (C16)	10.279	2325160	18.766 ug/ml
8) T n-Octadecane (C18)	11.733	2417360	18.570 ug/ml
10) T n-Eicosane (C20)	13.052	2361308	18.266 ug/ml
11) T n-Heneicosane (C21)	13.669	2322833	18.089 ug/ml
13) T n-Docosane (C22)	14.260	2340585	18.152 ug/ml
14) T n-Tetracosane (C24)	15.371	2387252	18.304 ug/ml
15) T n-Hexacosane (C26)	16.399	2323178	17.997 ug/ml
16) T n-Octacosane (C28)	17.355	2287790	18.028 ug/ml
17) T n-Tricontane (C30)	18.249	2418025	18.898 ug/ml
18) T n-Dotriacontane (C32)	19.086	2435219	19.884 ug/ml
19) T n-Tetratriacontane (C34)	19.874	2152958	19.818 ug/ml
20) T n-Hexatriacontane (C36)	20.618	1790992	19.709 ug/ml
21) T n-Octatriacontane (C38)	21.398	1531768	18.808 ug/ml
22) T n-Tetracontane (C40)	22.388	1400762	18.159 ug/ml

(f)=RT Delta > 1/2 Window

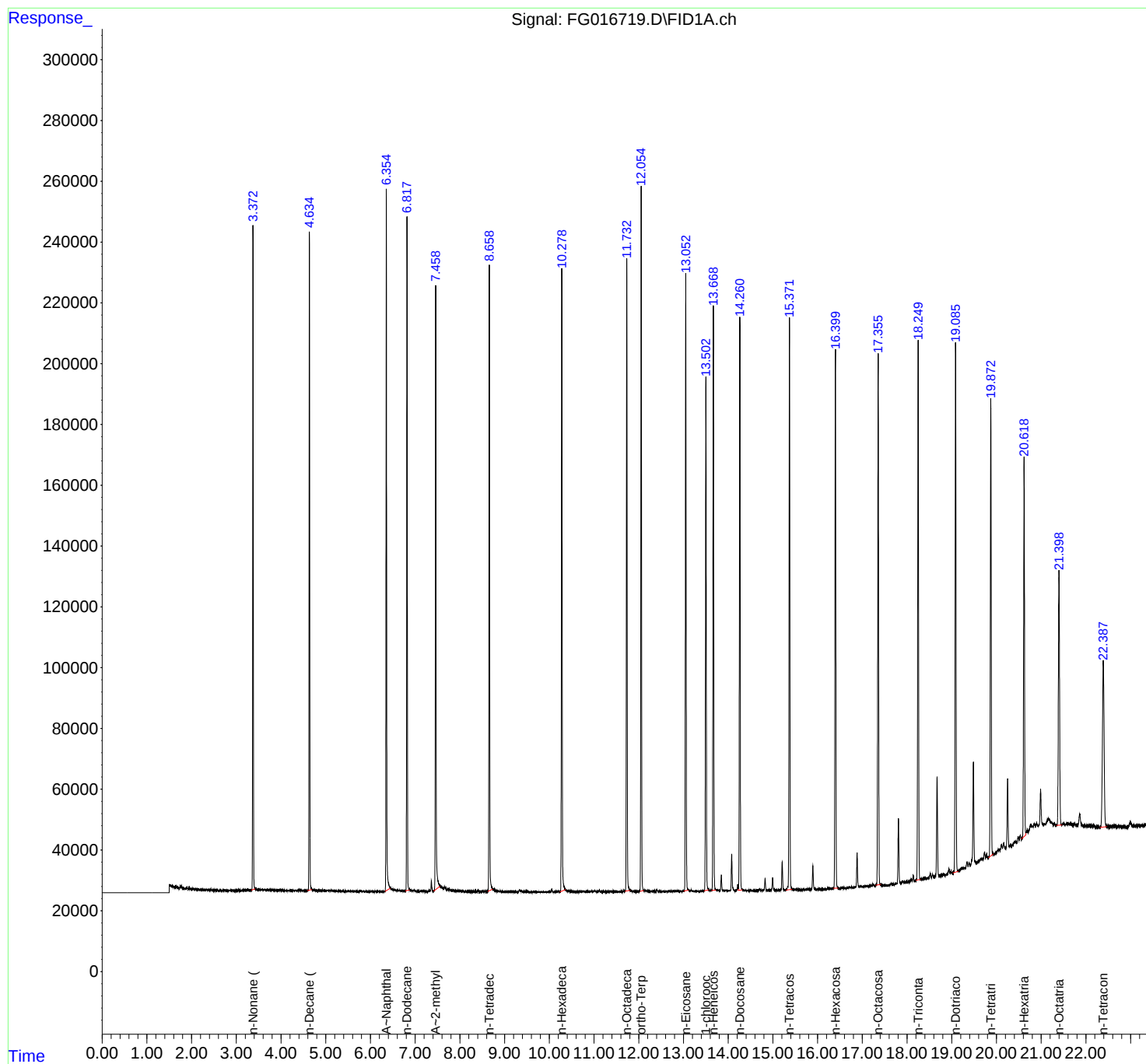
(m)=manual int.

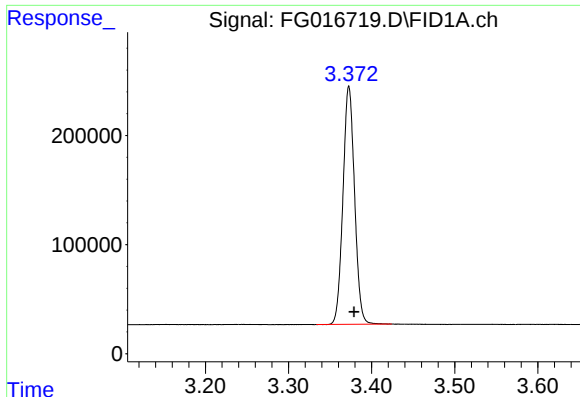
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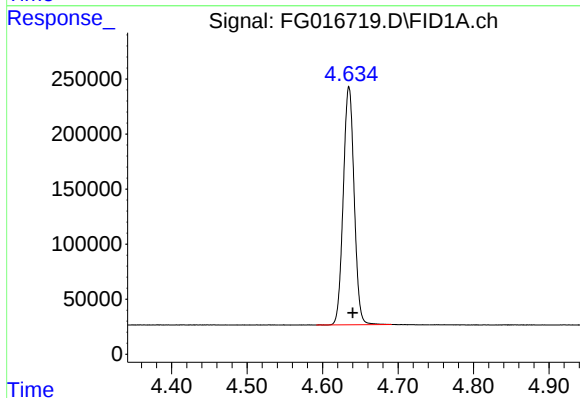




#1 n-Nonane (C9)

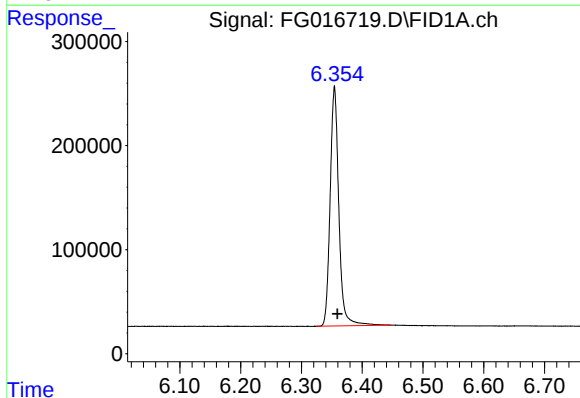
R.T.: 3.373 min
Delta R.T.: -0.006 min
Response: 2119915
Conc: 18.68 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



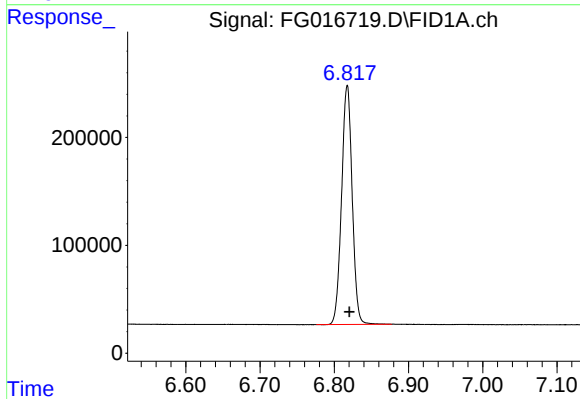
#2 n-Decane (C10)

R.T.: 4.635 min
Delta R.T.: -0.005 min
Response: 2170706
Conc: 18.77 ug/ml



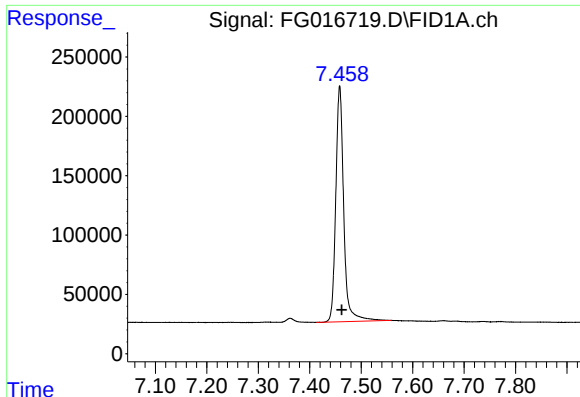
#3 A~Naphthalene (C11.7)

R.T.: 6.354 min
Delta R.T.: -0.005 min
Response: 2287715
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

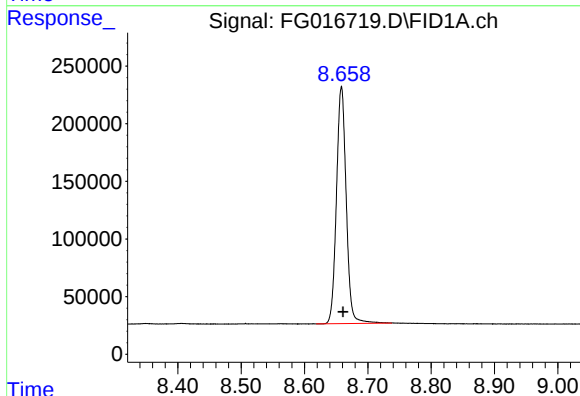
R.T.: 6.818 min
Delta R.T.: -0.003 min
Response: 2203490
Conc: 18.77 ug/ml



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

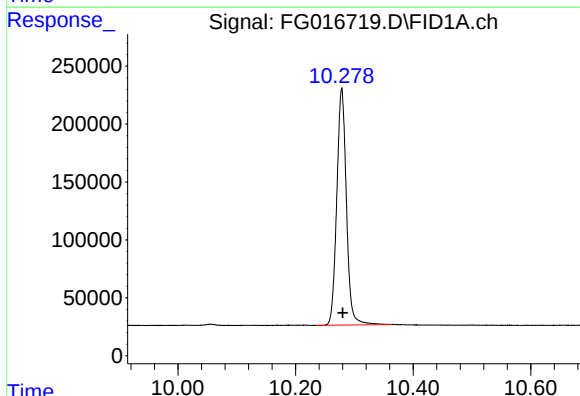
R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 2136442
Conc: 18.47 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



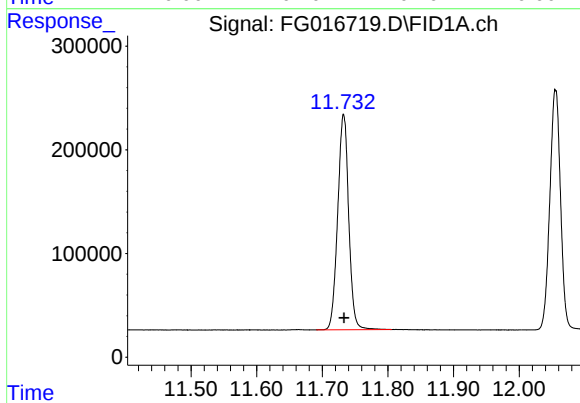
#6 n-Tetradecane (C14)

R.T.: 8.658 min
Delta R.T.: -0.002 min
Response: 2196624
Conc: 18.72 ug/ml



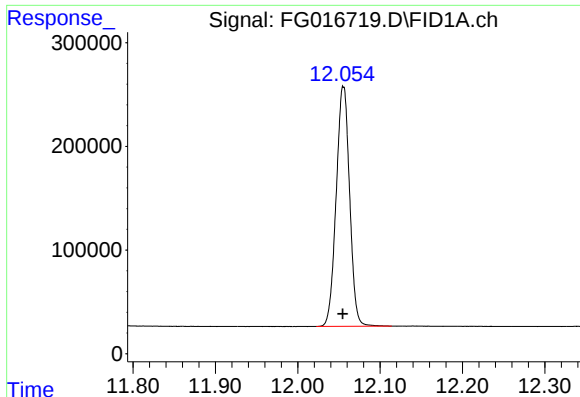
#7 n-Hexadecane (C16)

R.T.: 10.279 min
Delta R.T.: -0.002 min
Response: 2325160
Conc: 18.77 ug/ml



#8 n-Octadecane (C18)

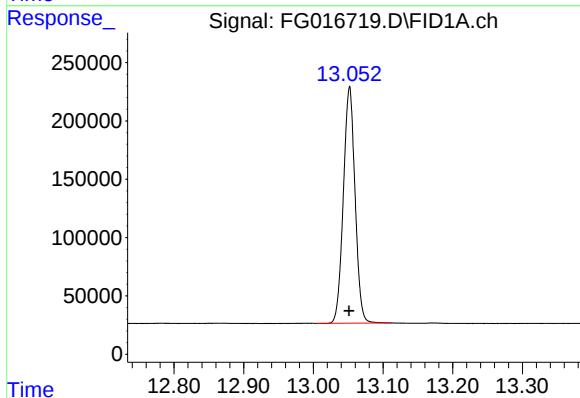
R.T.: 11.733 min
Delta R.T.: 0.000 min
Response: 2417360
Conc: 18.57 ug/ml



#9 ortho-Terphenyl (SURR)

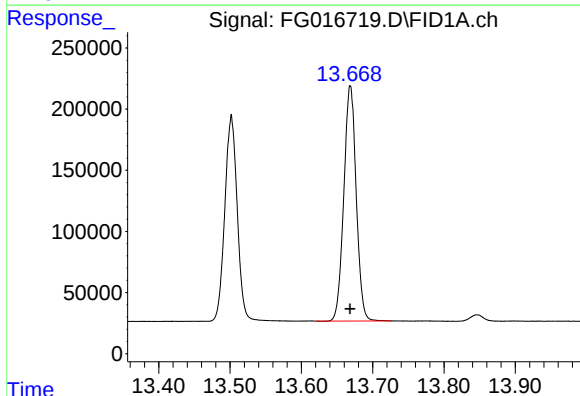
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 2620662
Conc: 18.37 ug/ml

Instrument :
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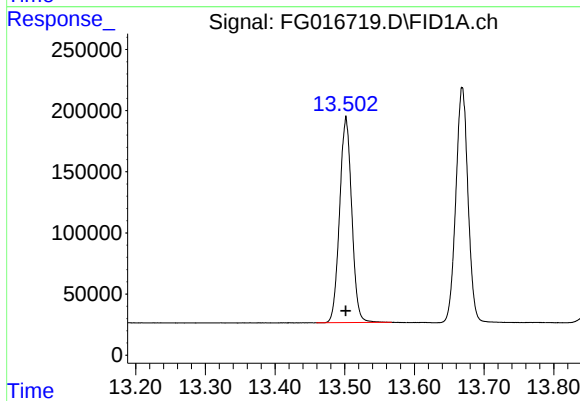
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 2361308
Conc: 18.27 ug/ml



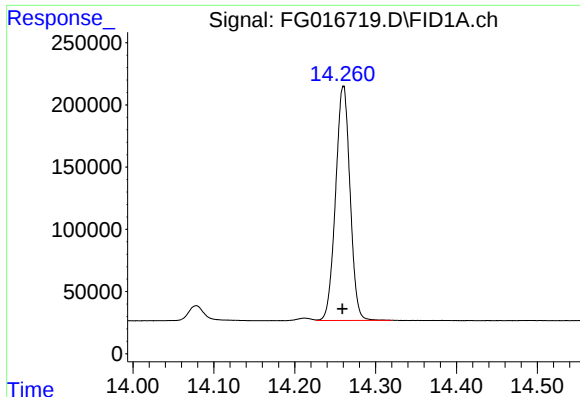
#11 n-Heneicosane (C21)

R.T.: 13.669 min
Delta R.T.: 0.000 min
Response: 2322833
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

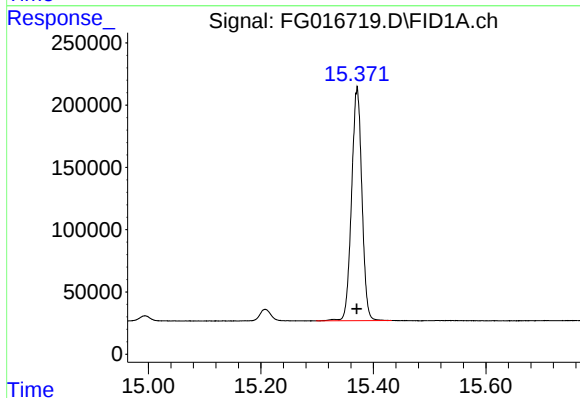
R.T.: 13.502 min
Delta R.T.: 0.000 min
Response: 2029953
Conc: 17.98 ug/ml



#13 n-Docosane (C22)

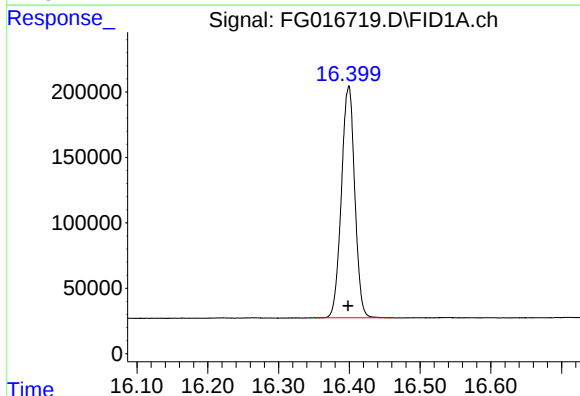
R.T.: 14.260 min
Delta R.T.: 0.001 min
Response: 2340585
Conc: 18.15 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



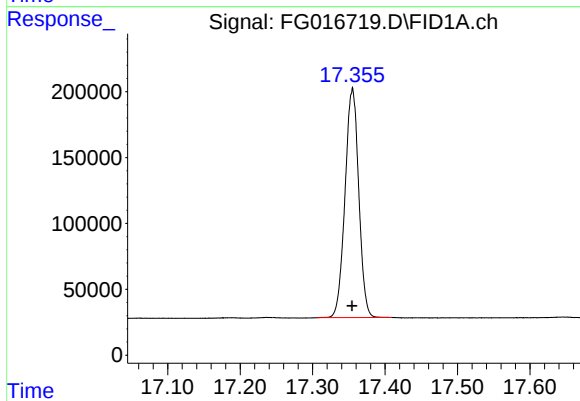
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: 0.000 min
Response: 2387252
Conc: 18.30 ug/ml



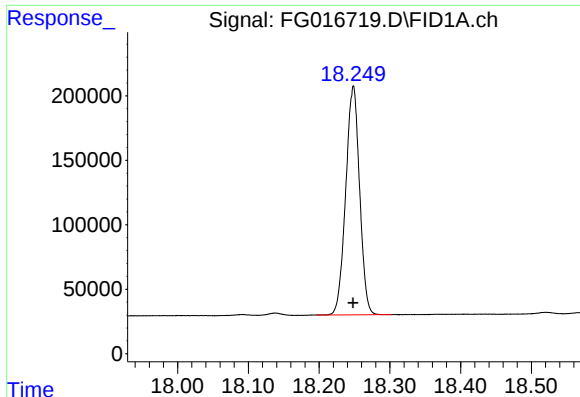
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.001 min
Response: 2323178
Conc: 18.00 ug/ml



#16 n-Octacosane (C28)

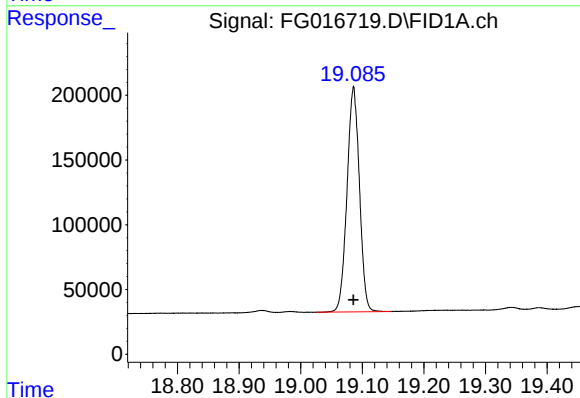
R.T.: 17.355 min
Delta R.T.: 0.000 min
Response: 2287790
Conc: 18.03 ug/ml



#17 n-Tricontane (C30)

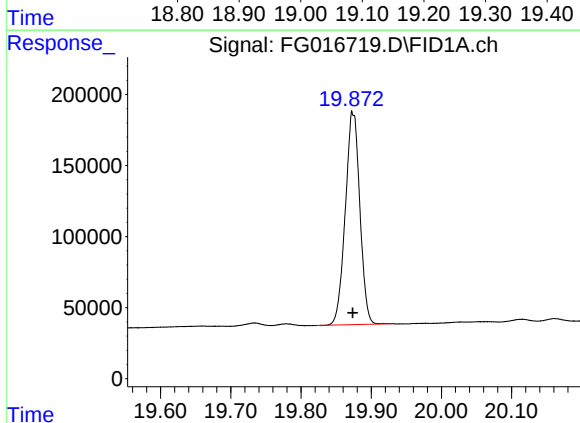
R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 2418025
Conc: 18.90 ug/ml

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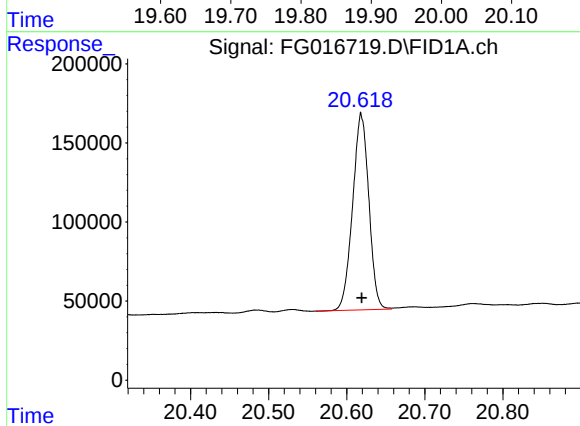
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.000 min
Response: 2435219
Conc: 19.88 ug/ml



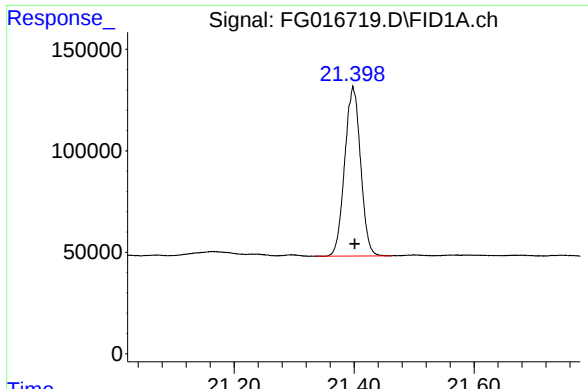
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 2152958
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

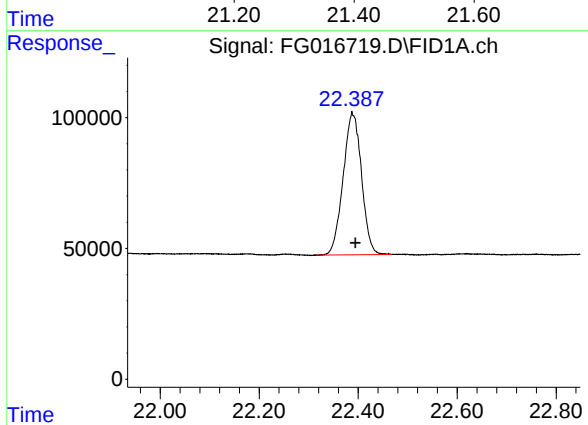
R.T.: 20.618 min
Delta R.T.: 0.000 min
Response: 1790992
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.398 min
Delta R.T.: -0.003 min
Response: 1531768
Conc: 18.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.388 min
Delta R.T.: -0.006 min
Response: 1400762
Conc: 18.16 ug/ml