

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
 Data File : FG015182.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 14:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 02:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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

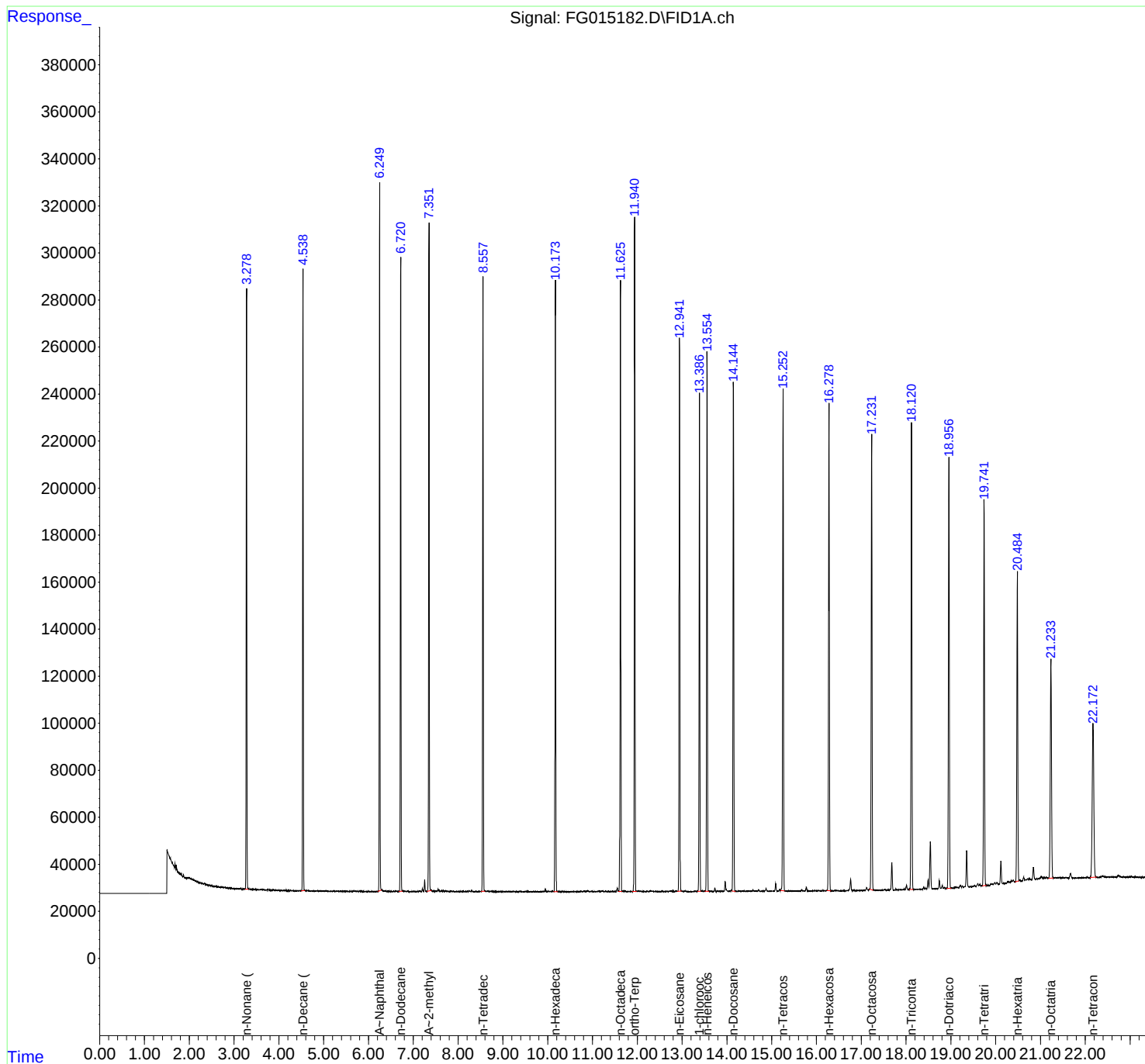
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.940	3060013	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.386	2355709	19.347 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.278	2539183	19.557 ug/ml
2) T n-Decane (C10)	4.538	2604898	19.602 ug/ml
3) T A~Naphthalene (C11.7)	6.249	2860044	19.585 ug/ml
4) T n-Dodecane (C12)	6.720	2675839	19.684 ug/ml
5) T A~2-methylnaphthalene...	7.352	2799502	19.611 ug/ml
6) T n-Tetradecane (C14)	8.558	2706493	19.680 ug/ml
7) T n-Hexadecane (C16)	10.173	2841802	19.613 ug/ml
8) T n-Octadecane (C18)	11.625	2900742	19.517 ug/ml
10) T n-Eicosane (C20)	12.941	2794241	19.467 ug/ml
11) T n-Heneicosane (C21)	13.556	2753960	19.477 ug/ml
13) T n-Docosane (C22)	14.144	2732211	19.432 ug/ml
14) T n-Tetracosane (C24)	15.253	2715727	19.512 ug/ml
15) T n-Hexacosane (C26)	16.278	2638012	19.476 ug/ml
16) T n-Octacosane (C28)	17.230	2599052	19.750 ug/ml
17) T n-Tricontane (C30)	18.121	2690212	20.279 ug/ml
18) T n-Dotriacontane (C32)	18.956	2588632	20.525 ug/ml
19) T n-Tetratriacontane (C34)	19.741	2233353	20.512 ug/ml
20) T n-Hexatriacontane (C36)	20.484	1894439	20.291 ug/ml
21) T n-Octatriacontane (C38)	21.233	1751630	19.961 ug/ml
22) T n-Tetracontane (C40)	22.172	1625293	19.175 ug/ml

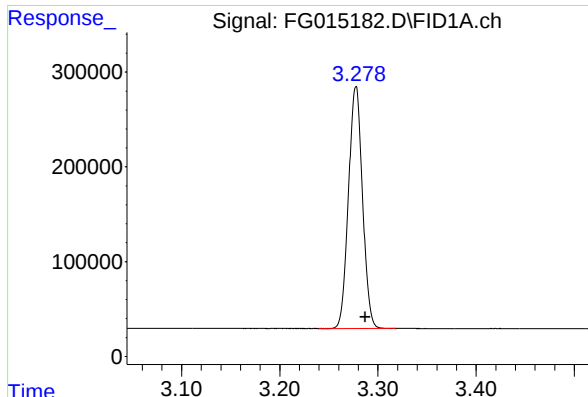
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

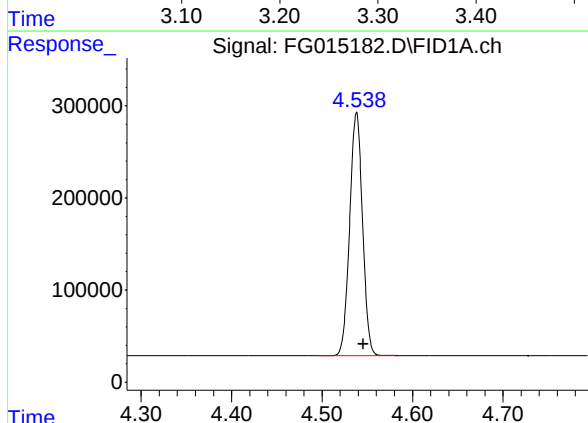




#1 n-Nonane (C9)

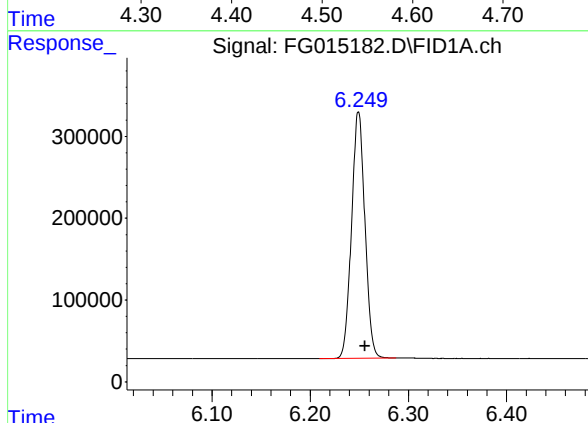
R.T.: 3.278 min
Delta R.T.: -0.009 min
Response: 2539183
Conc: 19.56 ug/ml

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20 PPM ALIPHATIC HC STD



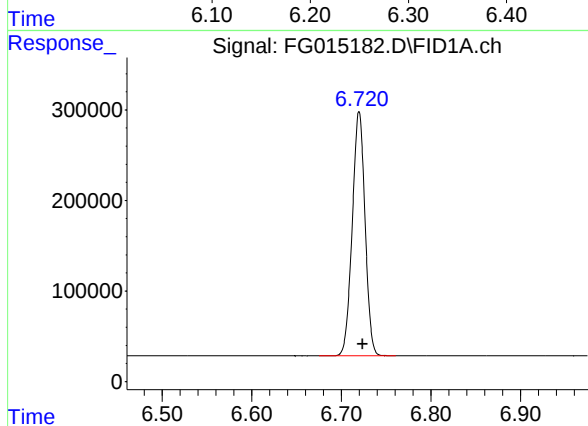
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.008 min
Response: 2604898
Conc: 19.60 ug/ml



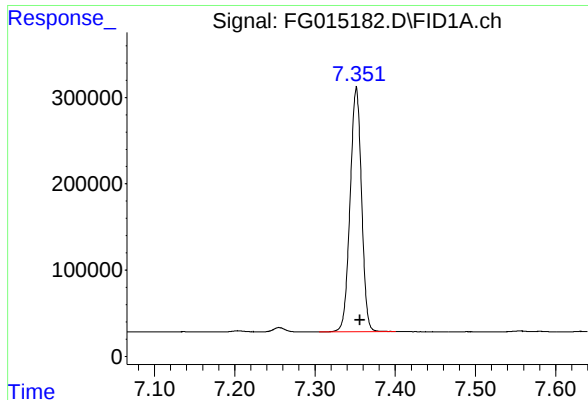
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.006 min
Response: 2860044
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

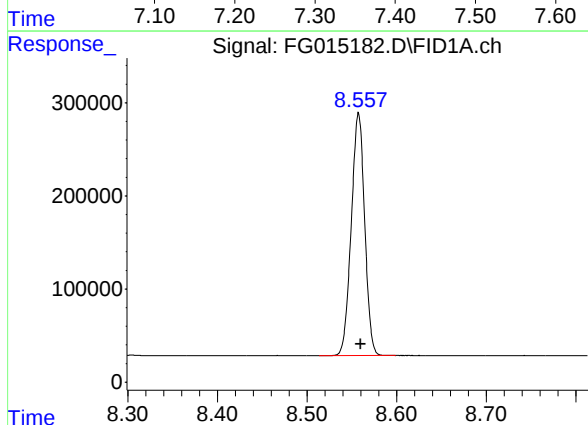
R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 2675839
Conc: 19.68 ug/ml



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

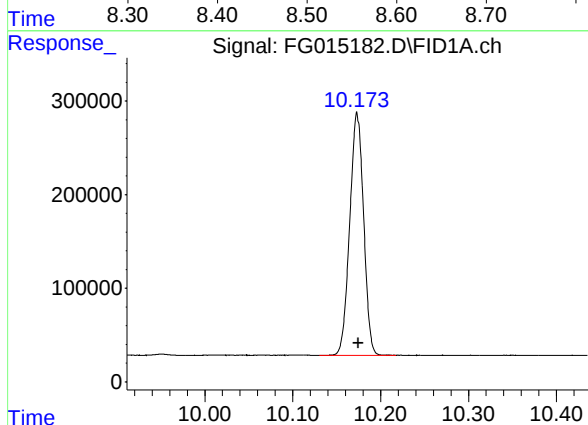
R.T.: 7.352 min
Delta R.T.: -0.004 min
Response: 2799502
Conc: 19.61 ug/ml

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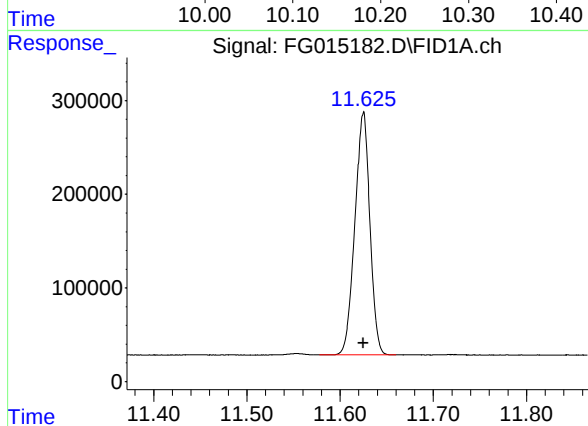
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 2706493
Conc: 19.68 ug/ml



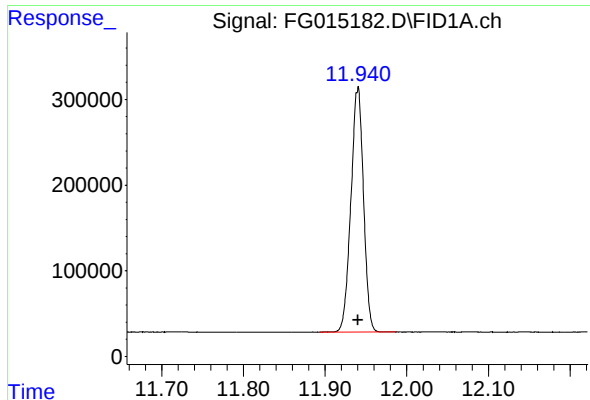
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.002 min
Response: 2841802
Conc: 19.61 ug/ml



#8 n-Octadecane (C18)

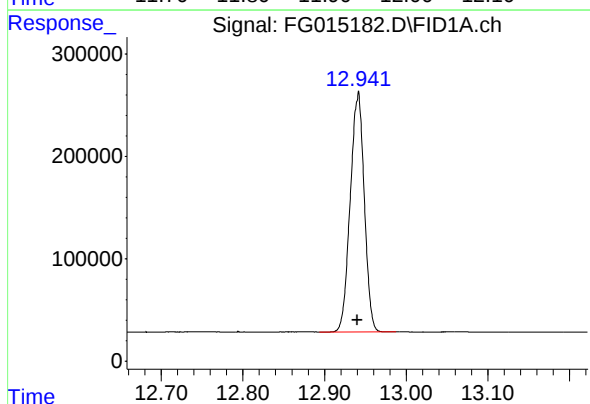
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 2900742
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

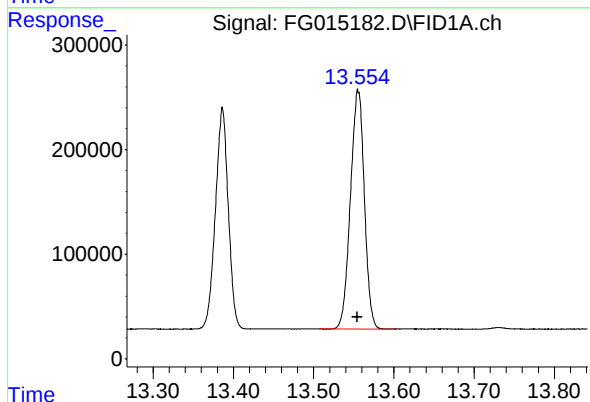
R.T.: 11.940 min
Delta R.T.: 0.000 min
Response: 3060013
Conc: 19.57 ug/ml

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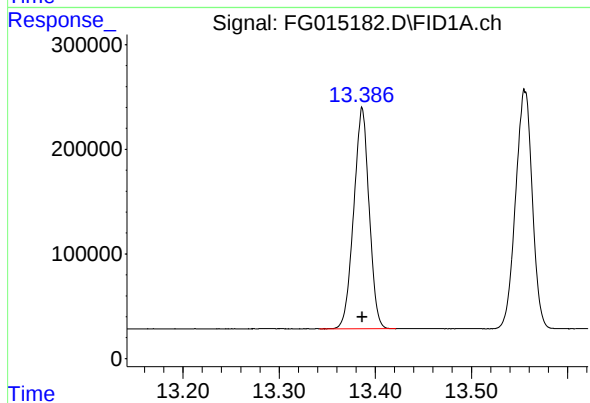
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.001 min
Response: 2794241
Conc: 19.47 ug/ml



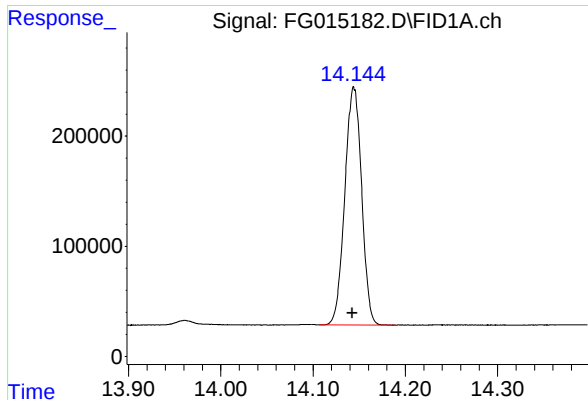
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: 0.001 min
Response: 2753960
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

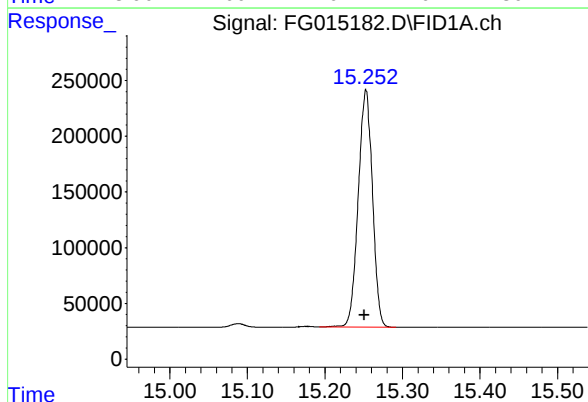
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 2355709
Conc: 19.35 ug/ml



#13 n-Docosane (C22)

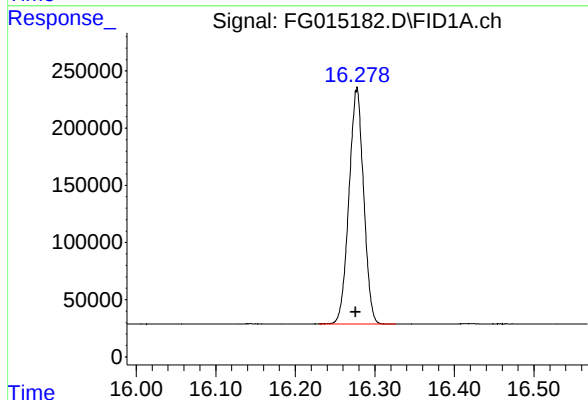
R.T.: 14.144 min
Delta R.T.: 0.002 min
Response: 2732211
Conc: 19.43 ug/ml

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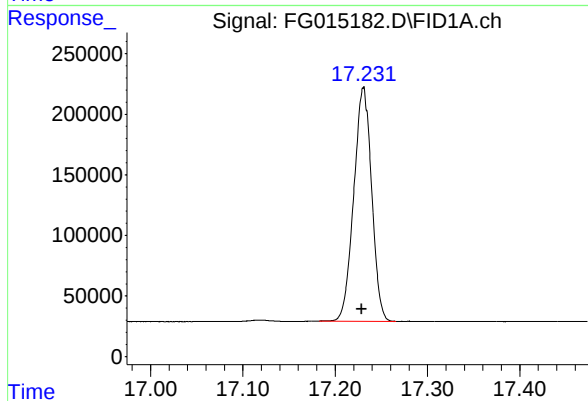
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.002 min
Response: 2715727
Conc: 19.51 ug/ml



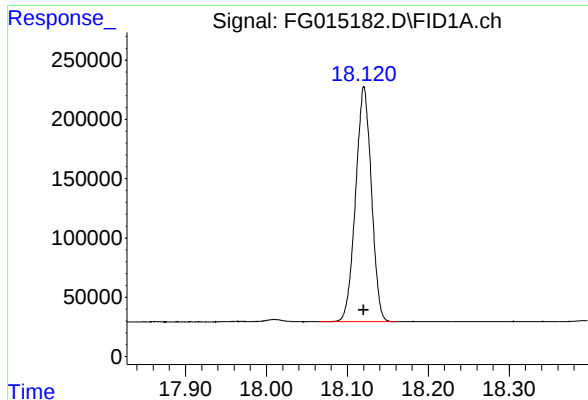
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 2638012
Conc: 19.48 ug/ml



#16 n-Octacosane (C28)

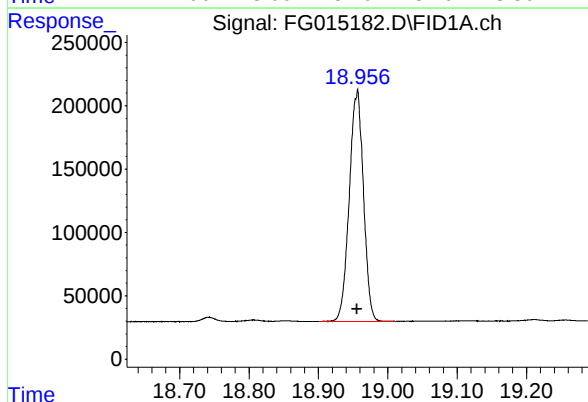
R.T.: 17.230 min
Delta R.T.: 0.002 min
Response: 2599052
Conc: 19.75 ug/ml



#17 n-Tricontane (C30)

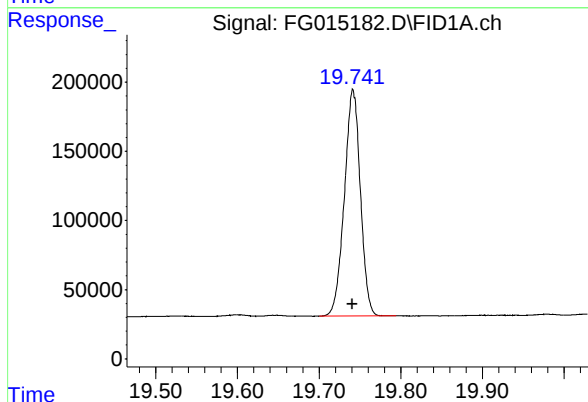
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2690212
Conc: 20.28 ug/ml

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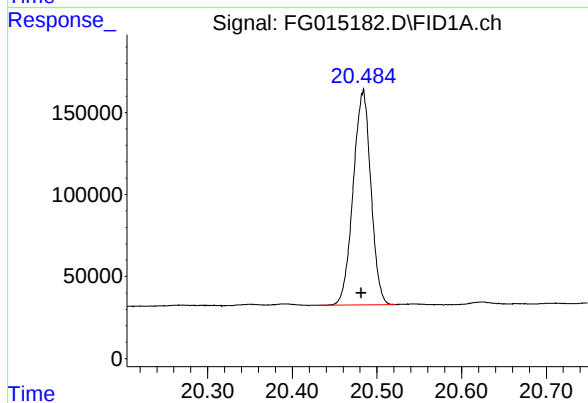
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.000 min
Response: 2588632
Conc: 20.52 ug/ml



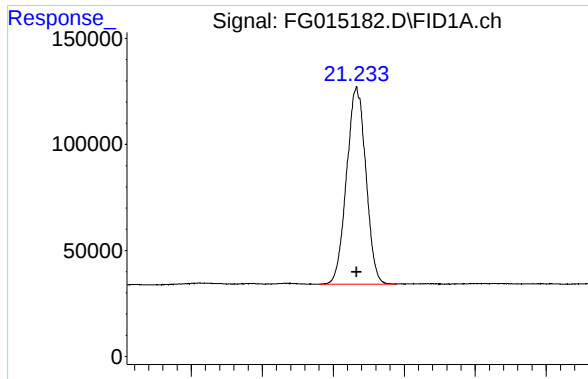
#19 n-Tetatriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.000 min
Response: 2233353
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

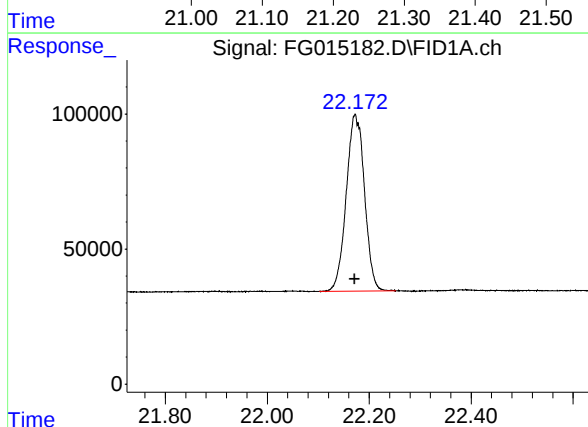
R.T.: 20.484 min
Delta R.T.: 0.002 min
Response: 1894439
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: 0.000 min
Response: 1751630
Conc: 19.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.000 min
Response: 1625293
Conc: 19.17 ug/ml