

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021224AL\
 Data File : FG013496.D
 Signal(s) : FID1A.ch
 Acq On : 12 Feb 2024 18:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 12 22:43:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 22:40:01 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)	11.966	2832685	19.691 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
12) S 1-chlorooctadecane (S...	13.408	2159976	19.798 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.329	2555750	19.766 ug/ml
2) T n-Decane (C10)	4.582	2617297	19.794 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2863007	19.764 ug/ml
4) T n-Dodecane (C12)	6.752	2646326	19.755 ug/ml
5) T A~2-methylnaphthalene...	7.386	2770857	19.748 ug/ml
6) T n-Tetradecane (C14)	8.585	2627257	19.730 ug/ml
7) T n-Hexadecane (C16)	10.198	2707190	19.700 ug/ml
8) T n-Octadecane (C18)	11.646	2727825	19.707 ug/ml
10) T n-Eicosane (C20)	12.961	2609123	19.734 ug/ml
11) T n-Heneicosane (C21)	13.576	2558696	19.746 ug/ml
13) T n-Docosane (C22)	14.164	2535879	19.759 ug/ml
14) T n-Tetracosane (C24)	15.272	2494792	19.803 ug/ml
15) T n-Hexacosane (C26)	16.297	2420120	19.829 ug/ml
16) T n-Octacosane (C28)	17.250	2333766	19.854 ug/ml
17) T n-Tricontane (C30)	18.142	2323338	19.802 ug/ml
18) T n-Dotriacontane (C32)	18.977	2241211	19.803 ug/ml
19) T n-Tetratriacontane (C34)	19.763	2156313	19.846 ug/ml
20) T n-Hexatriacontane (C36)	20.506	2070091	19.910 ug/ml
21) T n-Octatriacontane (C38)	21.261	2059061	19.906 ug/ml
22) T n-Tetracontane (C40)	22.203	2042533	19.999 ug/ml

(f)=RT Delta > 1/2 Window

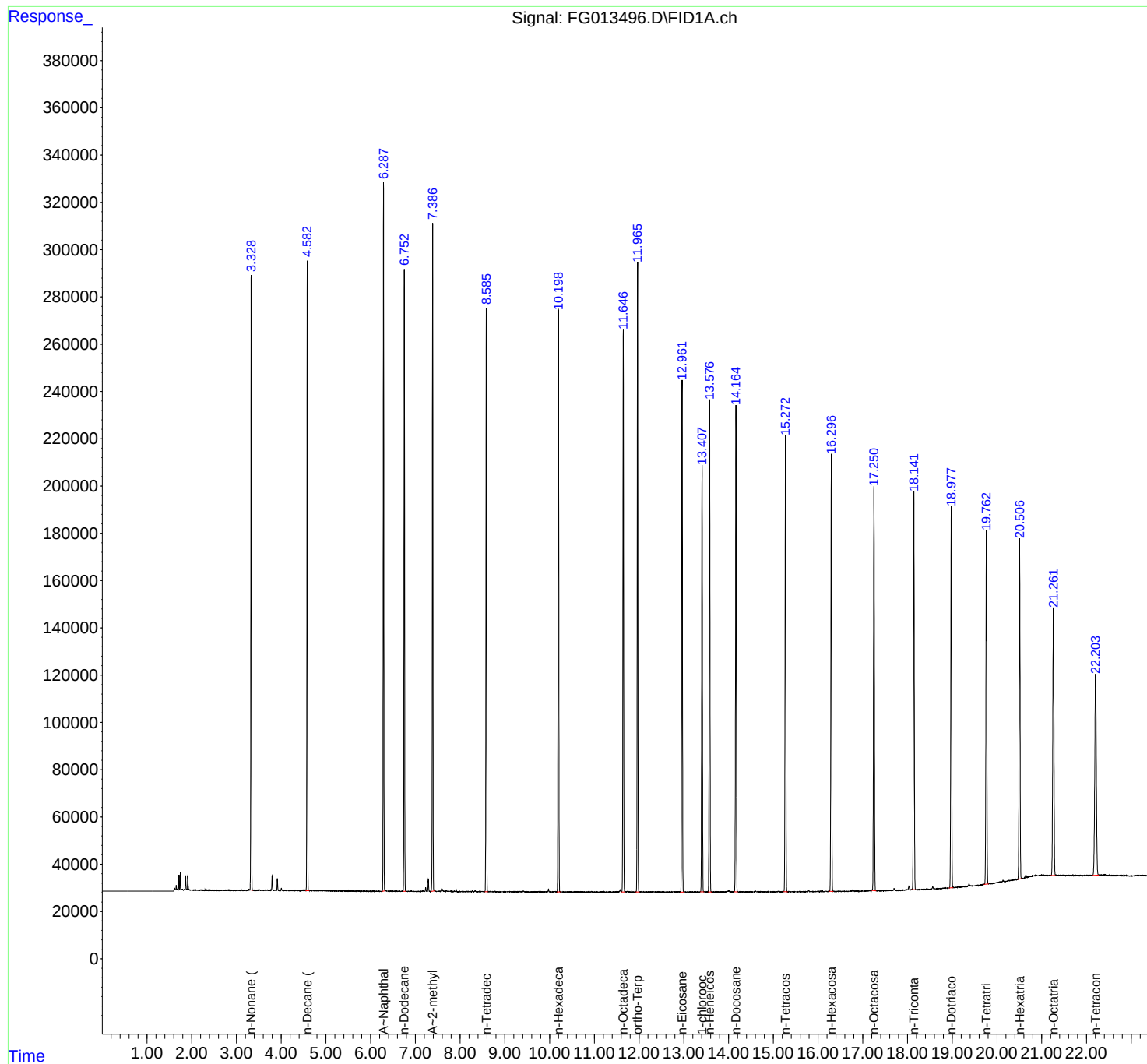
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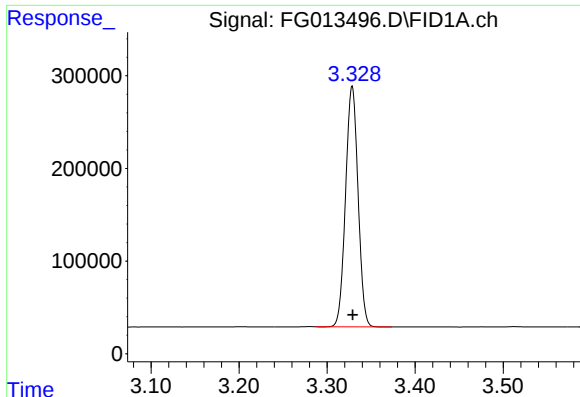
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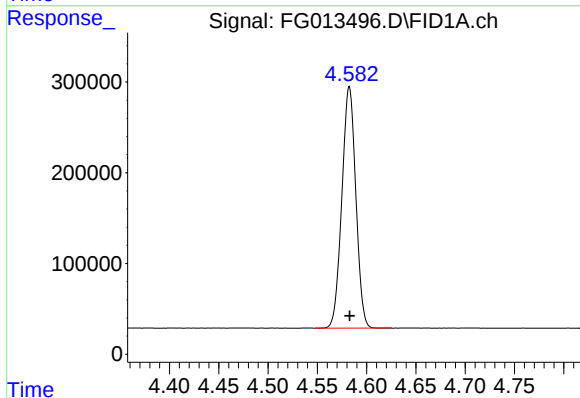




#1 n-Nonane (C9)

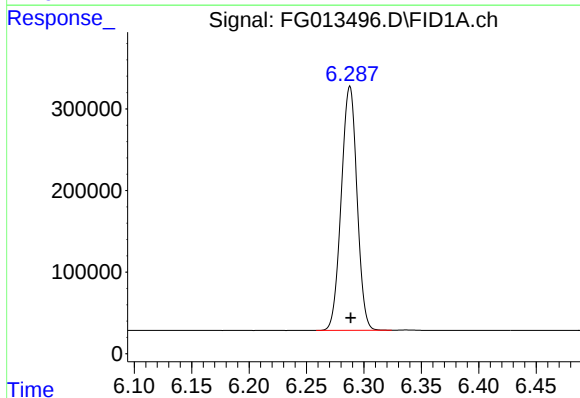
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 2555750
Conc: 19.77 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



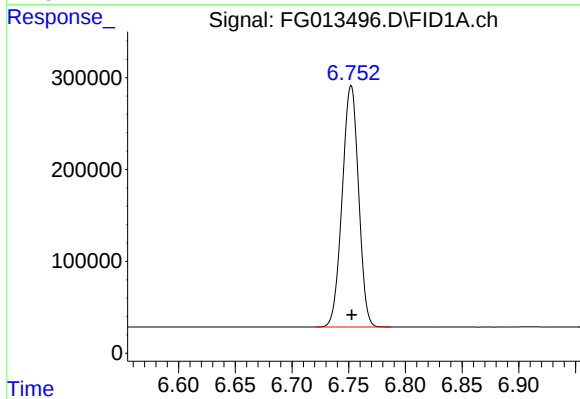
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2617297
Conc: 19.79 ug/ml



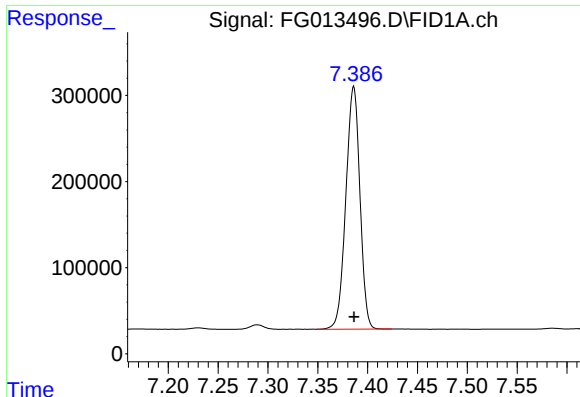
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 2863007
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

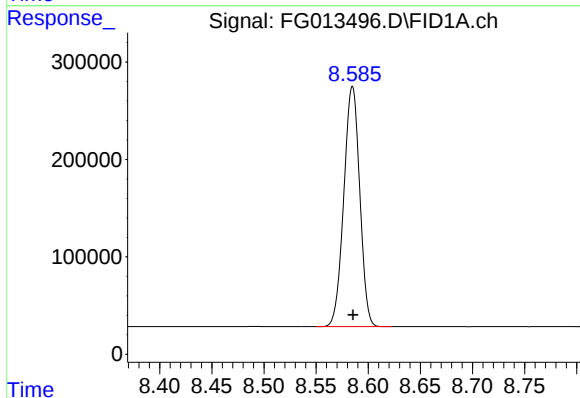
R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2646326
Conc: 19.76 ug/ml



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

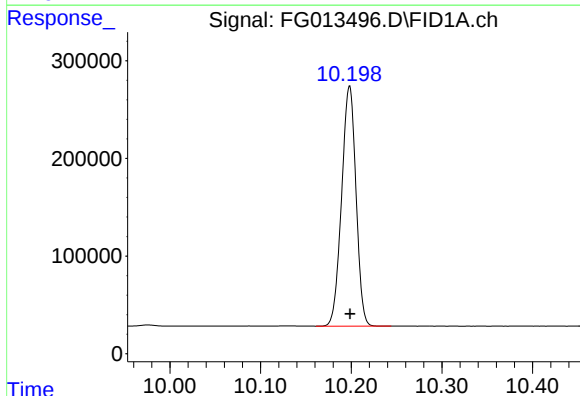
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 2770857
Conc: 19.75 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



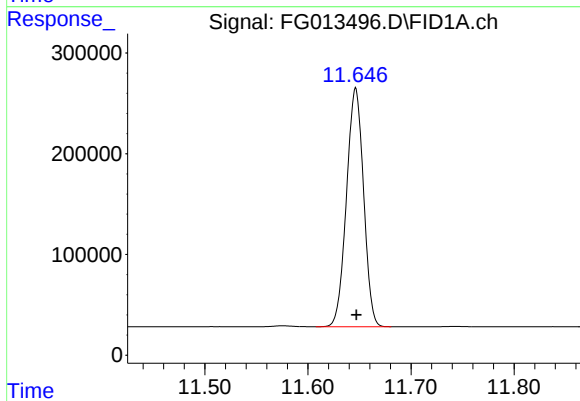
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 2627257
Conc: 19.73 ug/ml



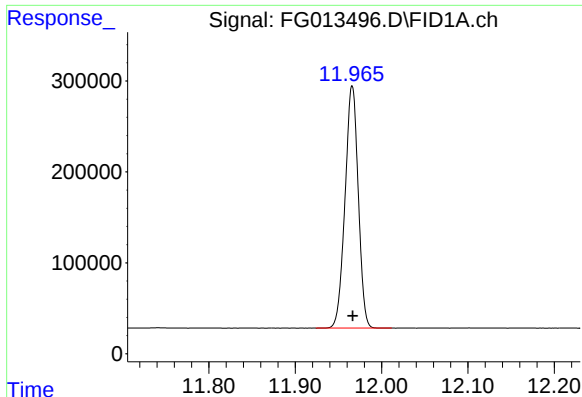
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.000 min
Response: 2707190
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

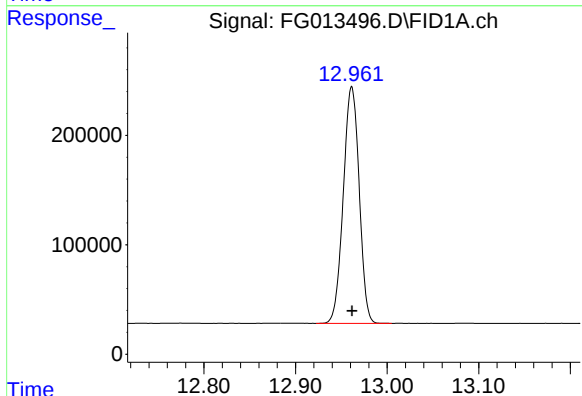
R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 2727825
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

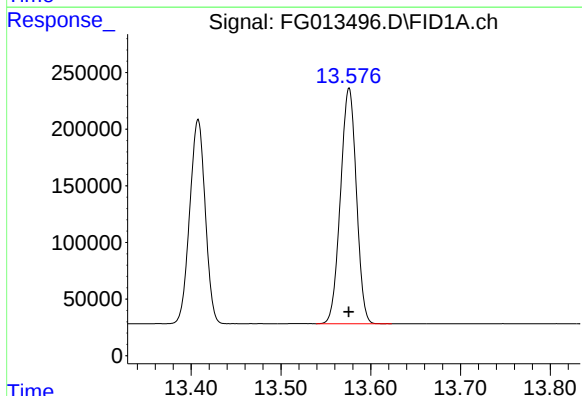
R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 2832685
Conc: 19.69 ug/ml

Instrument :
FID_G
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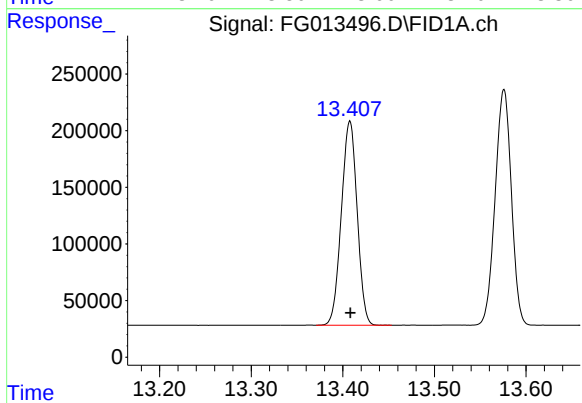
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2609123
Conc: 19.73 ug/ml



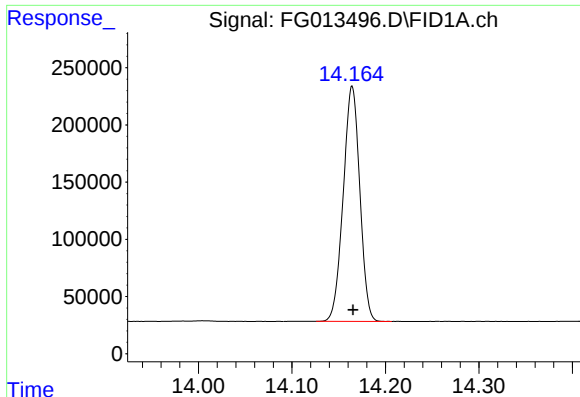
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 2558696
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

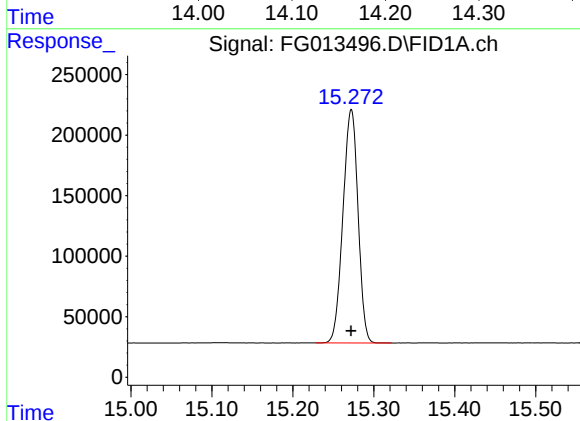
R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2159976
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

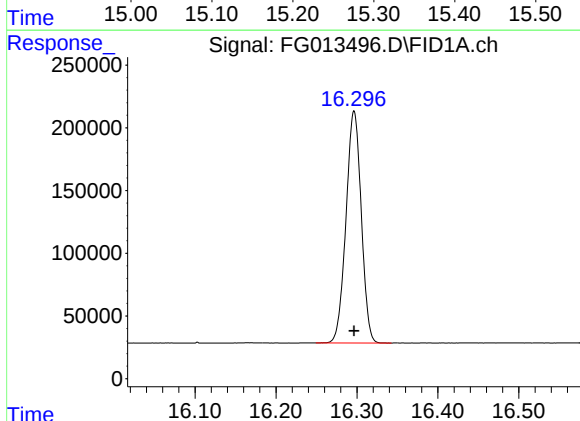
R.T.: 14.164 min
Delta R.T.: 0.000 min
Response: 2535879
Conc: 19.76 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



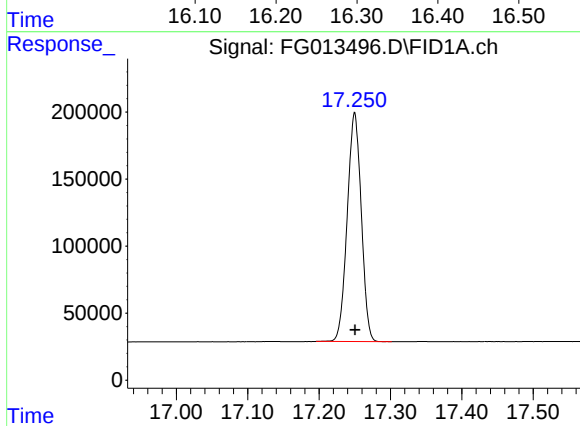
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 2494792
Conc: 19.80 ug/ml



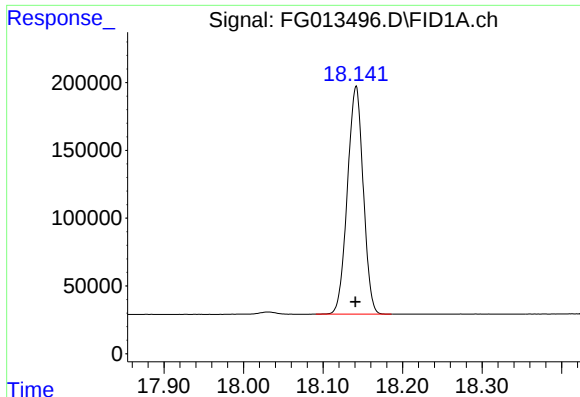
#15 n-Hexacosane (C26)

R.T.: 16.297 min
Delta R.T.: 0.000 min
Response: 2420120
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

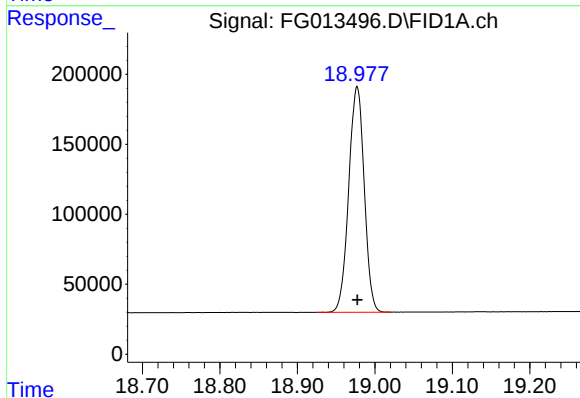
R.T.: 17.250 min
Delta R.T.: 0.000 min
Response: 2333766
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

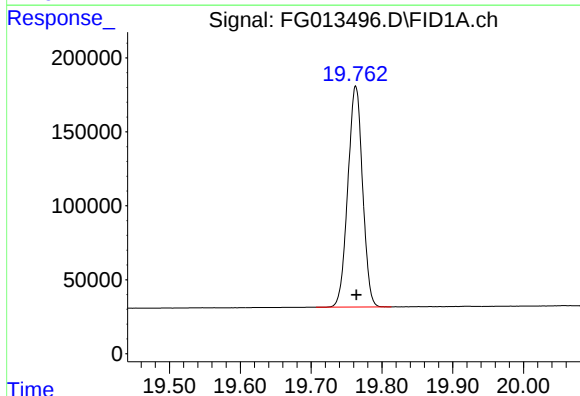
R.T.: 18.142 min
Delta R.T.: 0.000 min
Response: 2323338
Conc: 19.80 ug/ml

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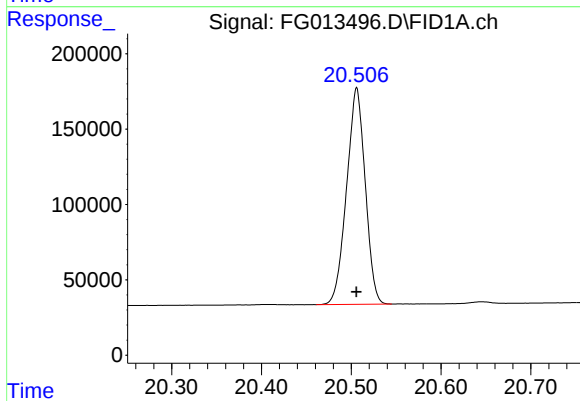
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: 0.000 min
Response: 2241211
Conc: 19.80 ug/ml



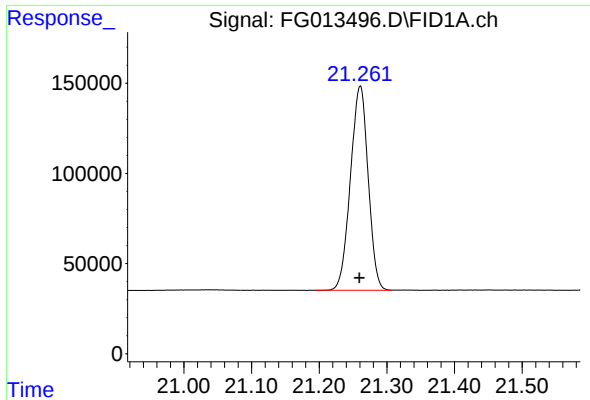
#19 n-Tetratriacontane (C34)

R.T.: 19.763 min
Delta R.T.: -0.001 min
Response: 2156313
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

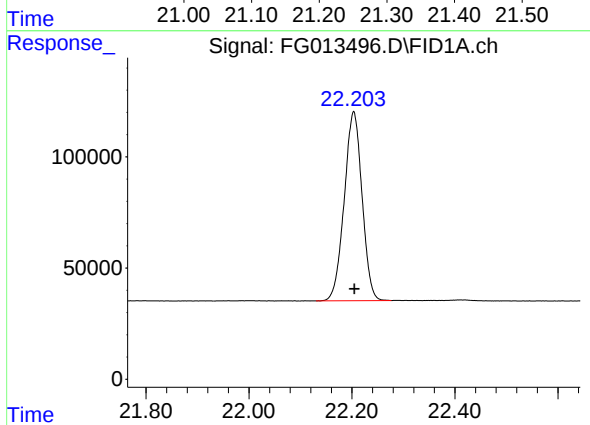
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 2070091
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.261 min
Delta R.T.: 0.001 min
Response: 2059061
Conc: 19.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: -0.001 min
Response: 2042533
Conc: 20.00 ug/ml