

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG021324AL\
 Data File : FG013499.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 09:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 01:31:49 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	2890004	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
12) S 1-chlorooctadecane (S...	13.408	2177897	19.962 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
Target Compounds			
1) T n-Nonane (C9)	3.329	2591673	20.044 ug/ml
2) T n-Decane (C10)	4.582	2660029	20.117 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2904723	20.052 ug/ml
4) T n-Dodecane (C12)	6.751	2694808	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.385	2812286	20.043 ug/ml
6) T n-Tetradecane (C14)	8.584	2679588	20.123 ug/ml
7) T n-Hexadecane (C16)	10.198	2765141	20.122 ug/ml
8) T n-Octadecane (C18)	11.647	2787392	20.138 ug/ml
10) T n-Eicosane (C20)	12.962	2659625	20.116 ug/ml
11) T n-Heneicosane (C21)	13.576	2601438	20.076 ug/ml
13) T n-Docosane (C22)	14.165	2585791	20.148 ug/ml
14) T n-Tetracosane (C24)	15.272	2534799	20.120 ug/ml
15) T n-Hexacosane (C26)	16.298	2464974	20.196 ug/ml
16) T n-Octacosane (C28)	17.252	2375076	20.205 ug/ml
17) T n-Tricontane (C30)	18.143	2370127	20.201 ug/ml
18) T n-Dotriacontane (C32)	18.978	2284686	20.187 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2172380	19.994 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2069672	19.906 ug/ml
21) T n-Octatriacontane (C38)	21.262	2041369	19.735 ug/ml
22) T n-Tetracontane (C40)	22.208	1978616	19.373 ug/ml

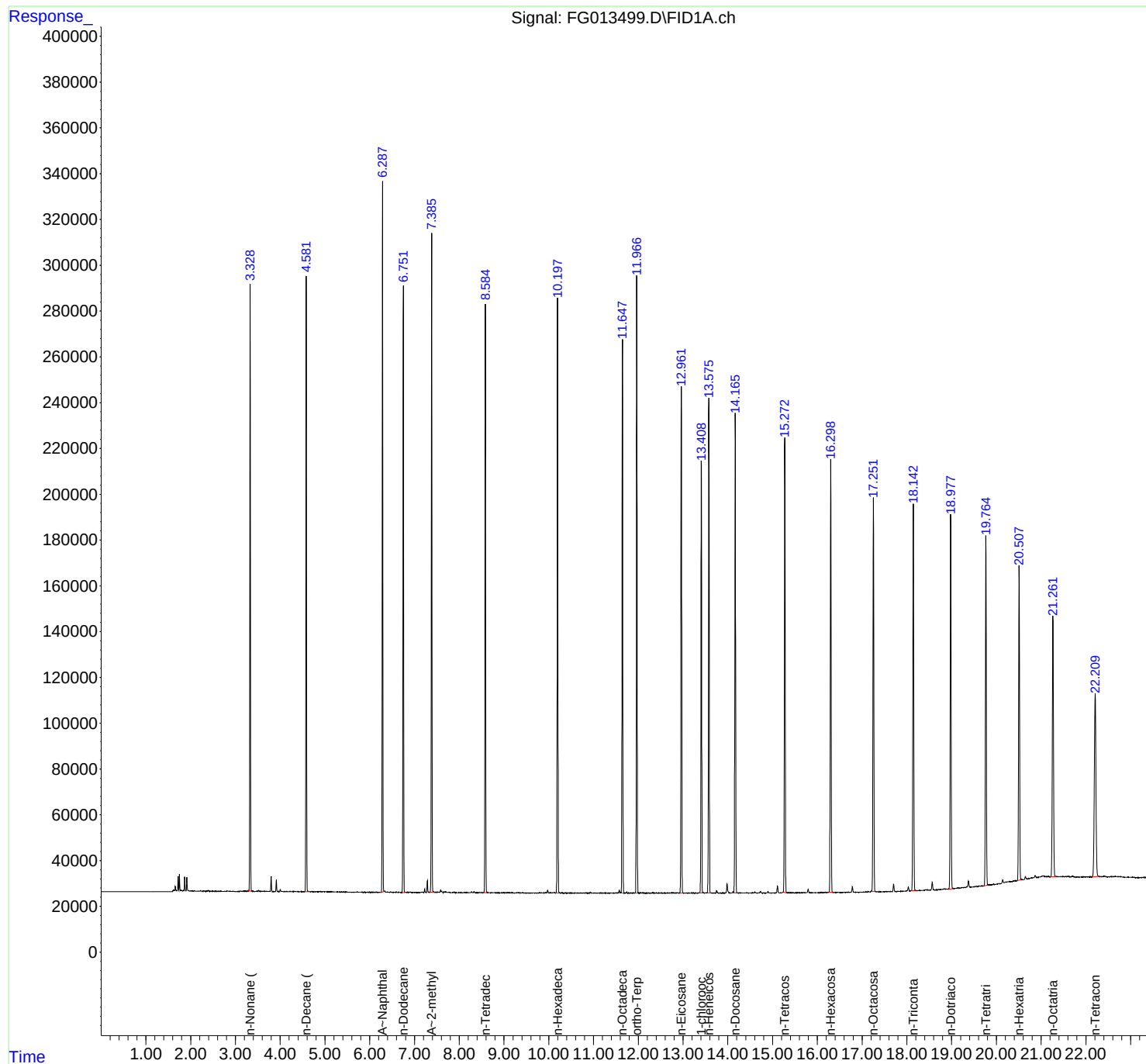
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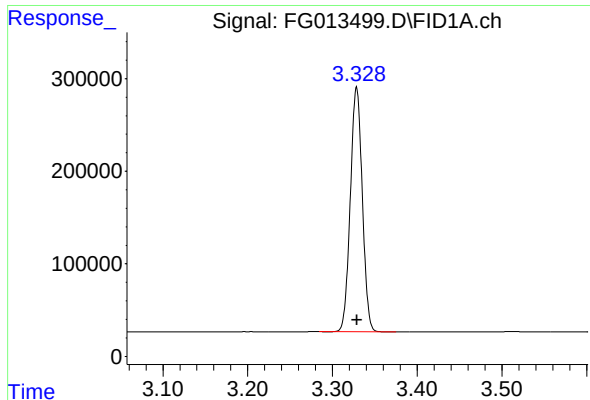
(m)=manual int.

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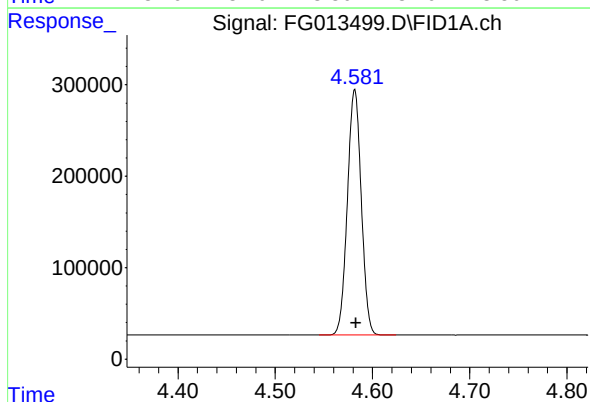
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Signal Info : 20M x 0.18mm x 0.18um





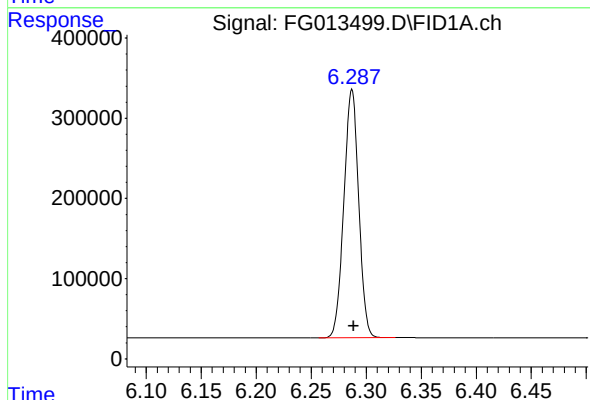
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 2591673
Conc: 20.04 ug/ml



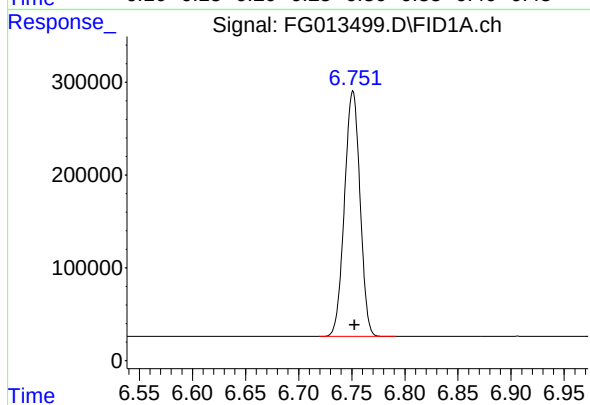
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 2660029
Conc: 20.12 ug/ml



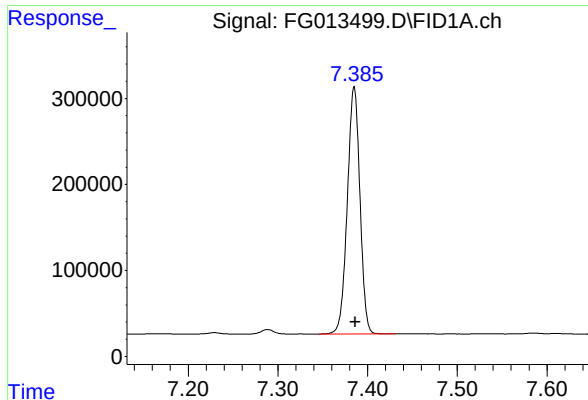
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 2904723
Conc: 20.05 ug/ml



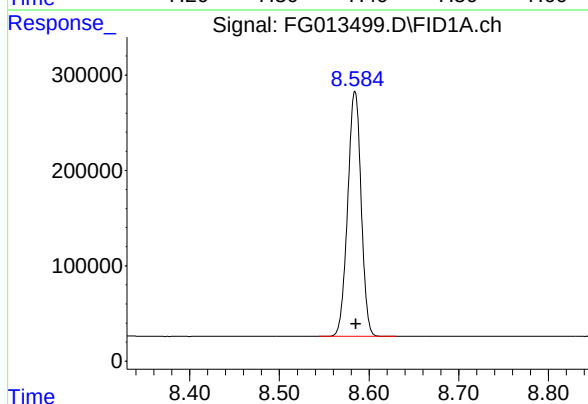
#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 2694808
Conc: 20.12 ug/ml



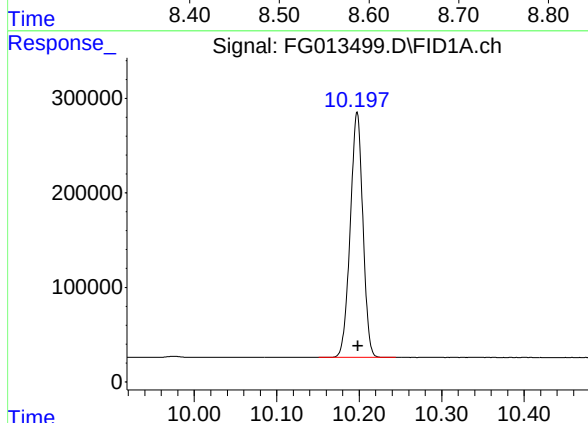
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.385 min
Delta R.T.: -0.001 min
Response: 2812286
Conc: 20.04 ug/ml



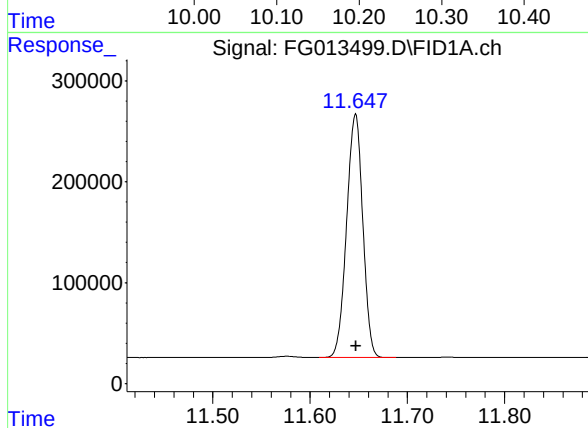
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 2679588
Conc: 20.12 ug/ml



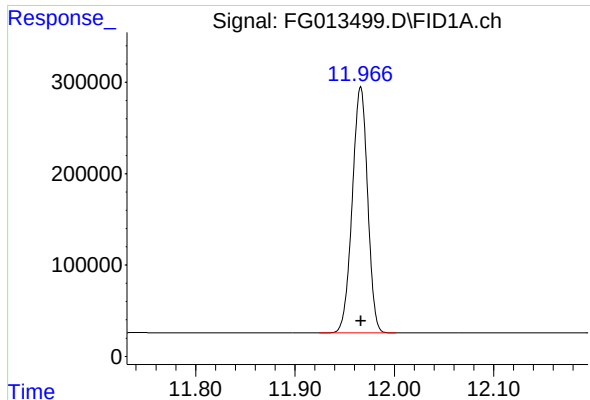
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.001 min
Response: 2765141
Conc: 20.12 ug/ml



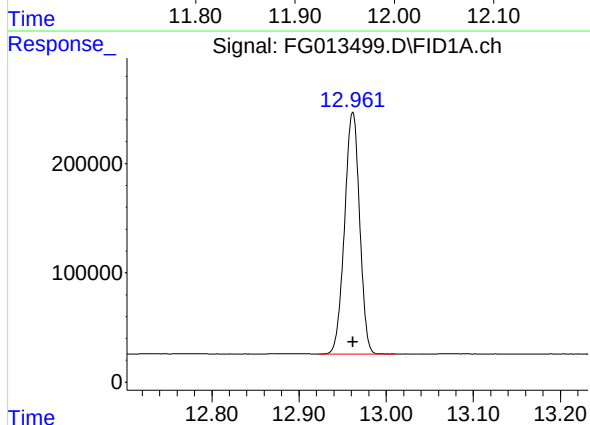
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: 0.000 min
Response: 2787392
Conc: 20.14 ug/ml



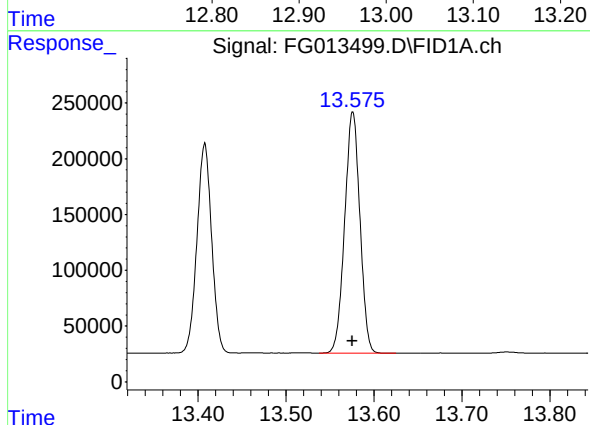
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 2890004
Conc: 20.09 ug/ml



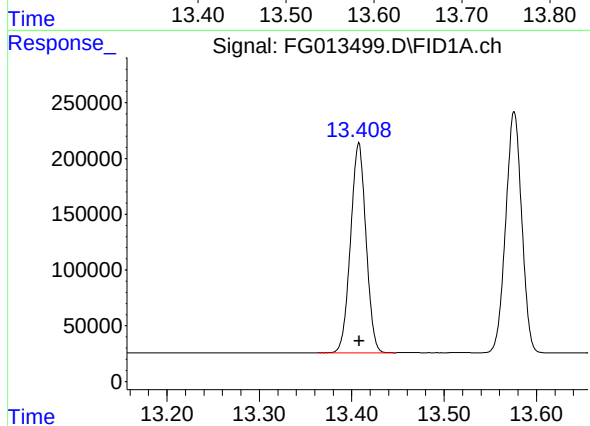
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: 0.000 min
Response: 2659625
Conc: 20.12 ug/ml



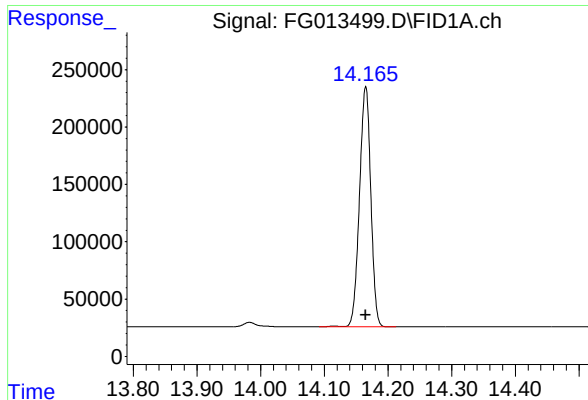
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.000 min
Response: 2601438
Conc: 20.08 ug/ml



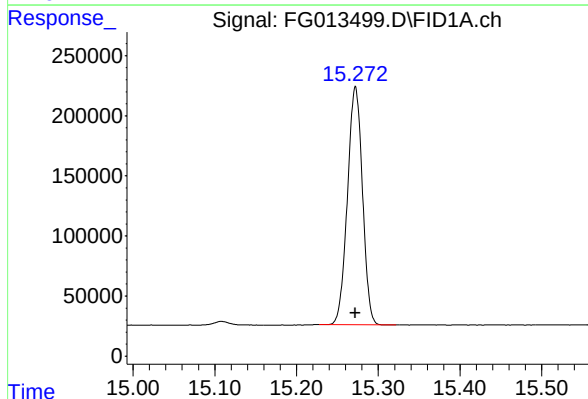
#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2177897
Conc: 19.96 ug/ml



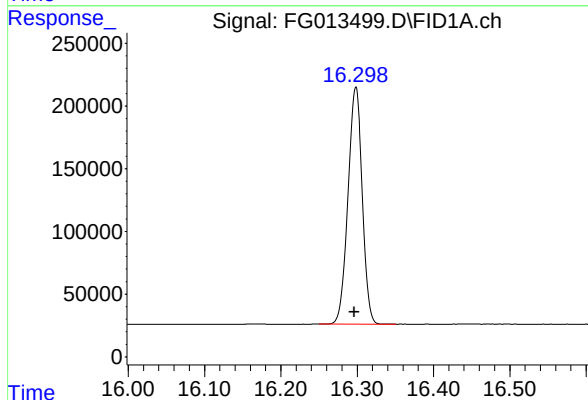
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2585791
Conc: 20.15 ug/ml



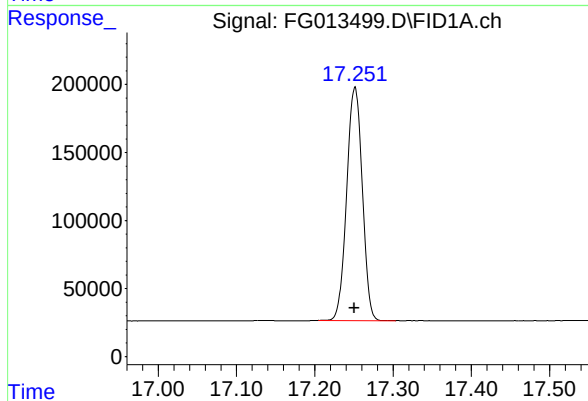
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.000 min
Response: 2534799
Conc: 20.12 ug/ml



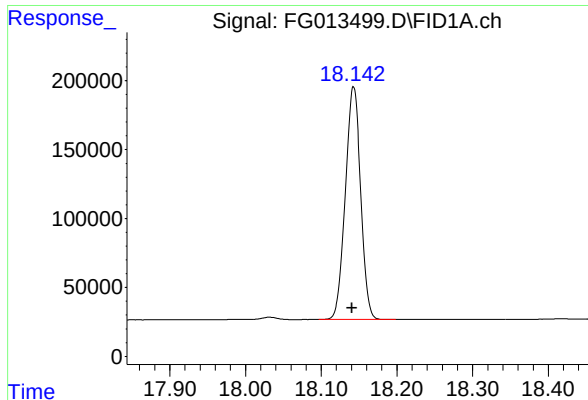
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.002 min
Response: 2464974
Conc: 20.20 ug/ml



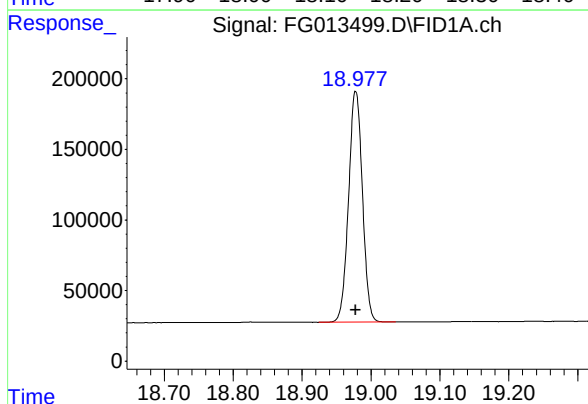
#16 n-Octacosane (C28)

R.T.: 17.252 min
Delta R.T.: 0.001 min
Response: 2375076
Conc: 20.20 ug/ml



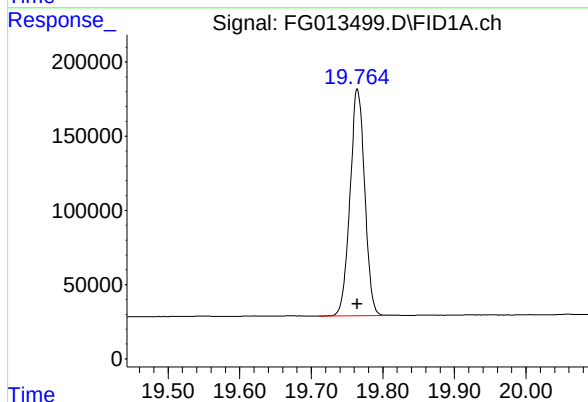
#17 n-Tricontane (C30)

R.T.: 18.143 min
Delta R.T.: 0.002 min
Response: 2370127
Conc: 20.20 ug/ml



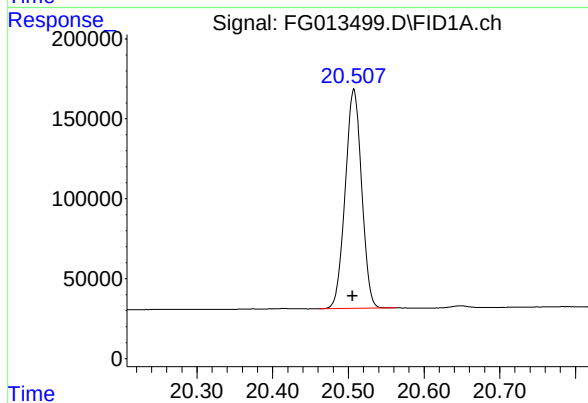
#18 n-Dotriacontane (C32)

R.T.: 18.978 min
Delta R.T.: 0.000 min
Response: 2284686
Conc: 20.19 ug/ml



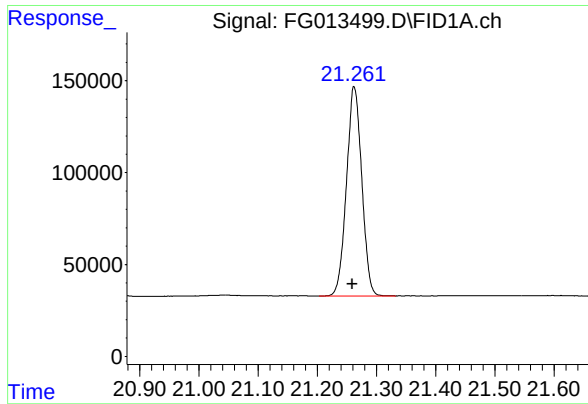
#19 n-Tetatriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 2172380
Conc: 19.99 ug/ml



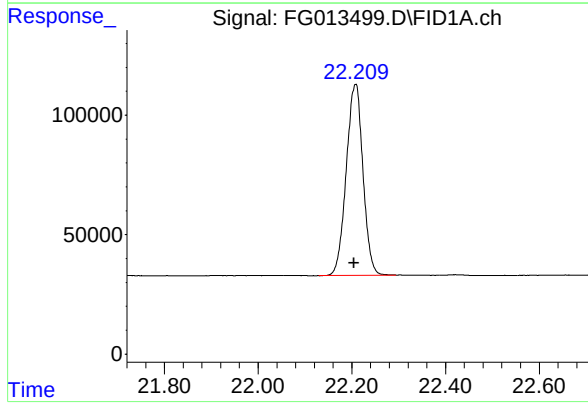
#20 n-Hexatriacontane (C36)

R.T.: 20.507 min
Delta R.T.: 0.001 min
Response: 2069672
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.003 min
Response: 2041369
Conc: 19.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.004 min
Response: 1978616
Conc: 19.37 ug/ml