

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120624AL\
 Data File : FC067929.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 16:51
 Operator : YP/AJ
 Sample : PB165427BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 01:05:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 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			
12) S 1-chlorooctadecane (S...	12.912	4332711	29.848 ug/ml
Spiked Amount 50.000		Recovery =	59.70%
Target Compounds			
1) T n-Nonane (C9)	3.254	3105638	19.040 ug/ml
2) T n-Decane (C10)	4.315	4054299	24.448 ug/ml
4) T n-Dodecane (C12)	6.330	5257518	31.215 ug/ml
6) T n-Tetradecane (C14)	8.124	5926284	35.387 ug/ml
7) T n-Hexadecane (C16)	9.723	6142585	35.445 ug/ml
8) T n-Octadecane (C18)	11.163	6262877	35.597 ug/ml
10) T n-Eicosane (C20)	12.471	6480335	38.485 ug/ml
11) T n-Heneicosane (C21)	13.082	6220042	37.803 ug/ml
13) T n-Docosane (C22)	13.667	6136701	37.682 ug/ml
14) T n-Tetracosane (C24)	14.769	5918041	36.900 ug/ml
15) T n-Hexacosane (C26)	15.787	5722244	36.951 ug/ml
16) T n-Octacosane (C28)	16.738	5539913	36.682 ug/mlm
17) T n-Tricontane (C30)	17.623	5495698	35.894 ug/ml
18) T n-Dotriacontane (C32)	18.453	5371604	36.370 ug/ml
19) T n-Tetratriacontane (C34)	19.236	5281441	41.873 ug/ml
20) T n-Hexatriacontane (C36)	19.975	5118535	48.940 ug/ml
21) T n-Octatriacontane (C38)	20.696	5065755	51.859 ug/ml
22) T n-Tetracontane (C40)	21.575	5012301	51.426 ug/ml

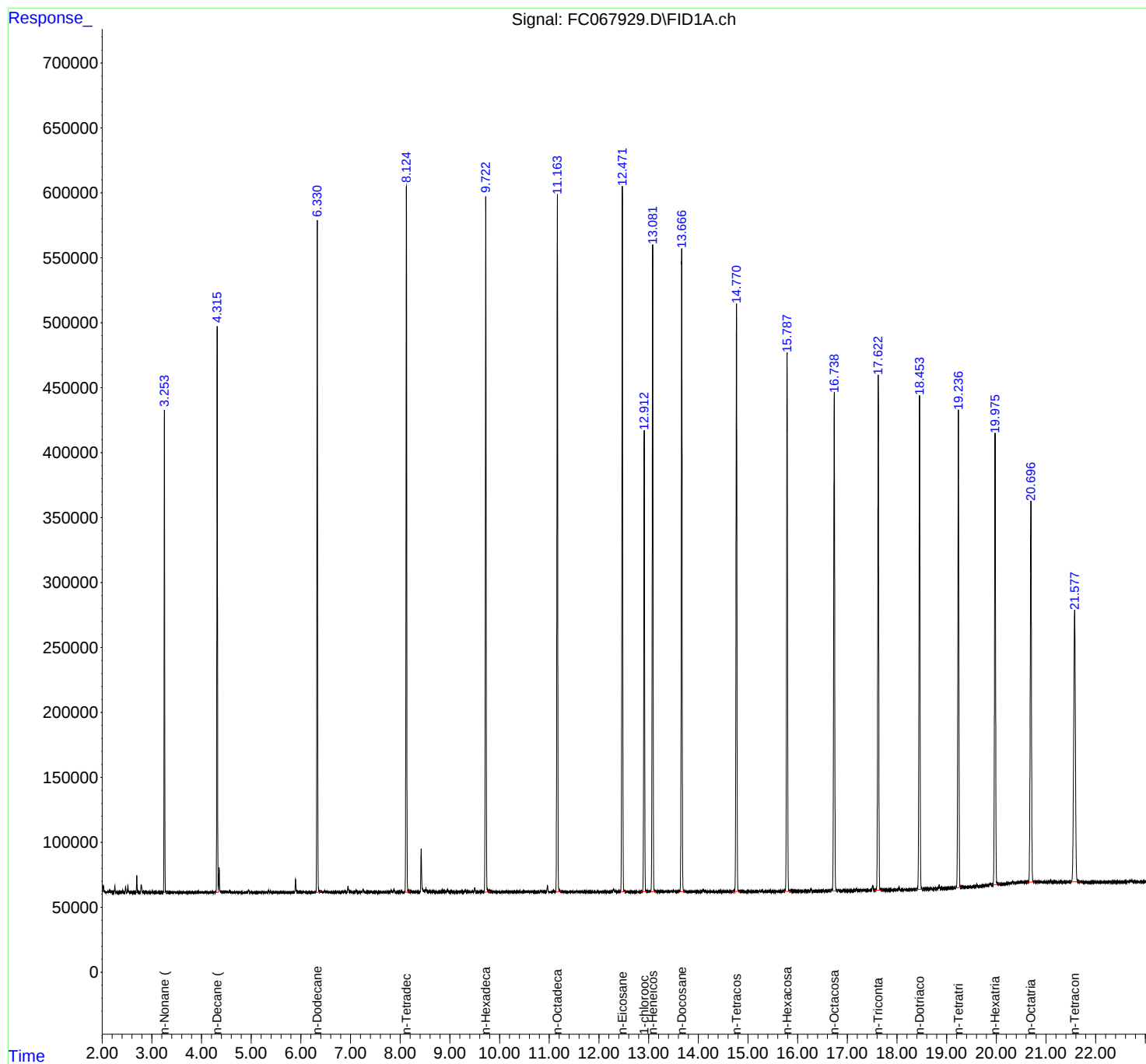
(f)=RT Delta > 1/2 Window

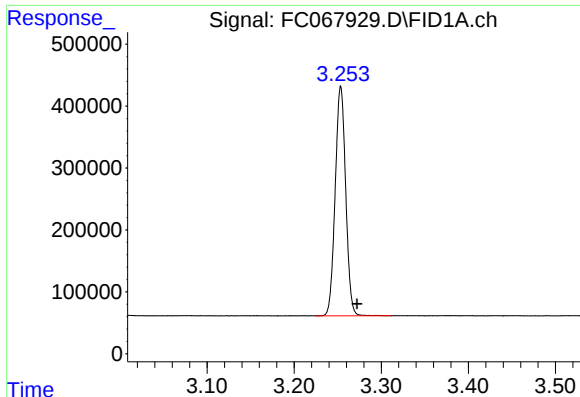
(m)=manual int.

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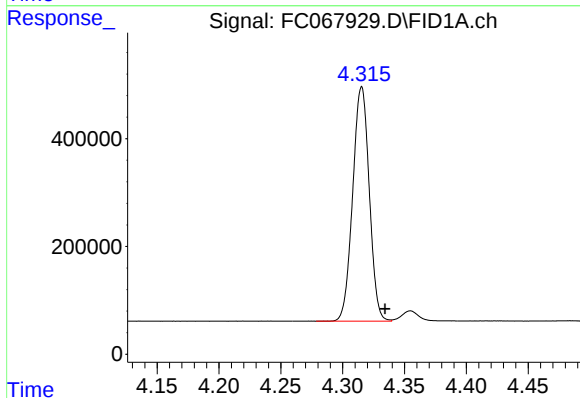
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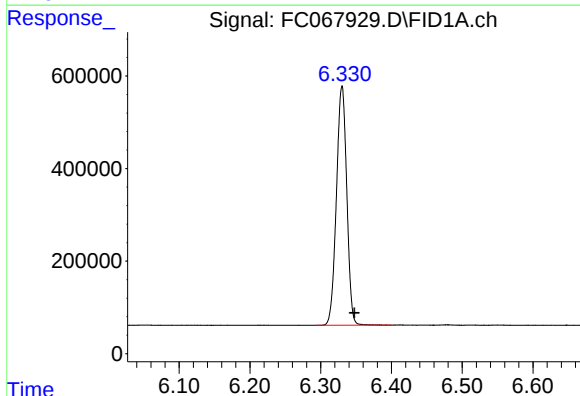
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.018 min
Response: 3105638
Conc: 19.04 ug/ml



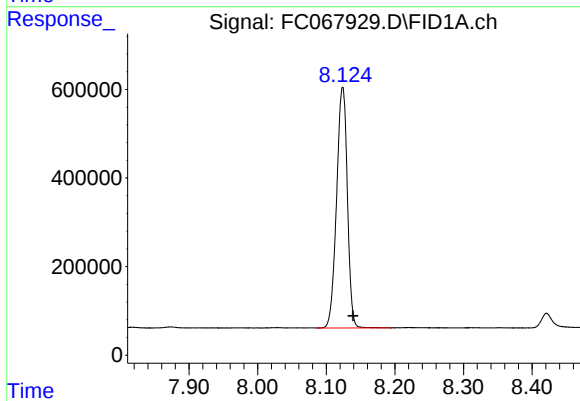
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 4054299
Conc: 24.45 ug/ml



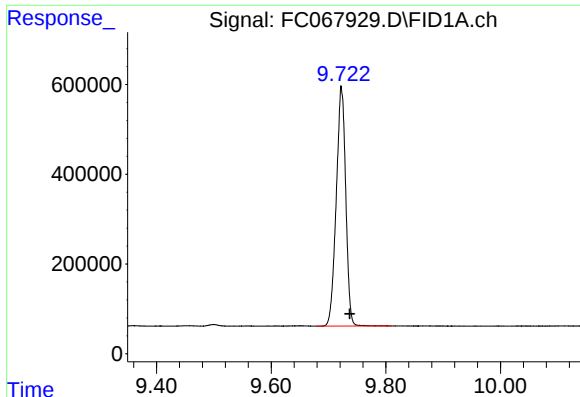
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.017 min
Response: 5257518
Conc: 31.22 ug/ml



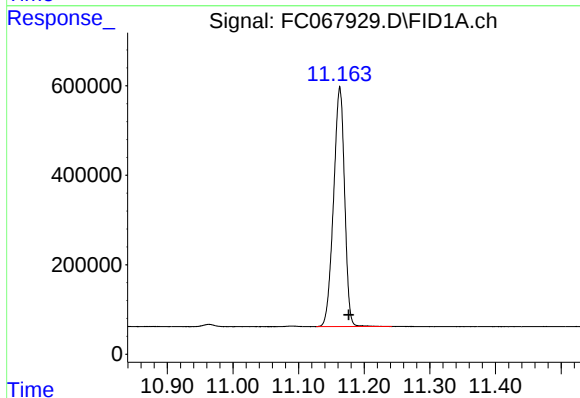
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: -0.015 min
Response: 5926284
Conc: 35.39 ug/ml



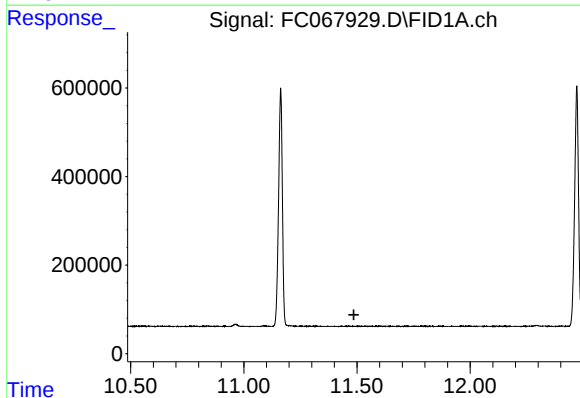
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: -0.015 min
Response: 6142585
Conc: 35.45 ug/ml



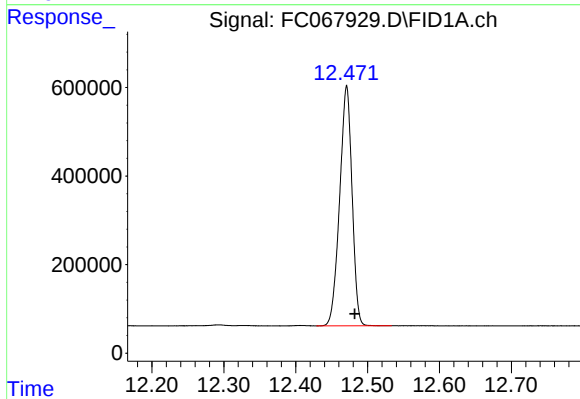
#8 n-Octadecane (C18)

R.T.: 11.163 min
Delta R.T.: -0.014 min
Response: 6262877
Conc: 35.60 ug/ml



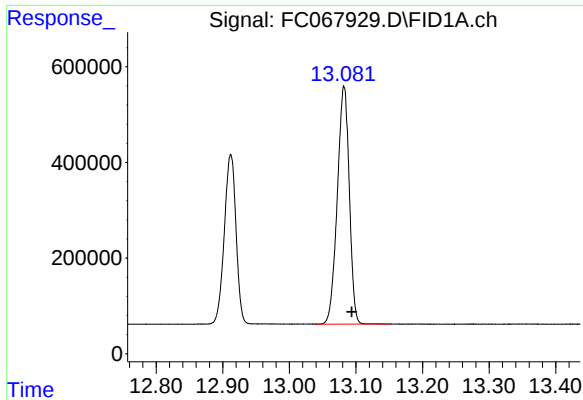
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.486 min
Response: 0
Conc: N.D.



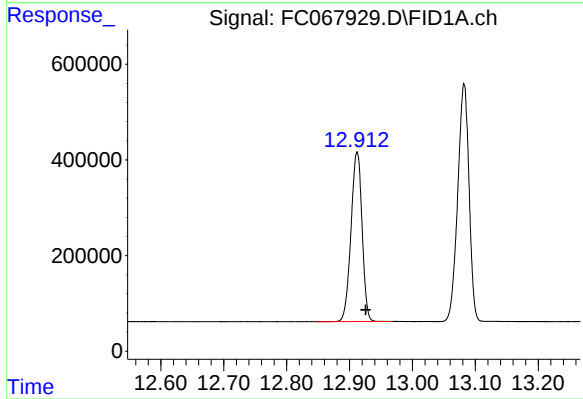
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: -0.011 min
Response: 6480335
Conc: 38.48 ug/ml



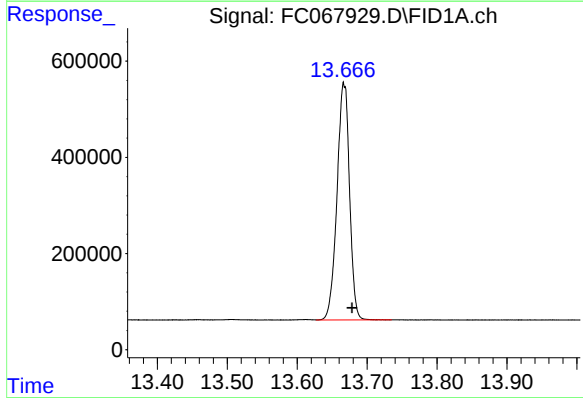
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 6220042
Conc: 37.80 ug/ml



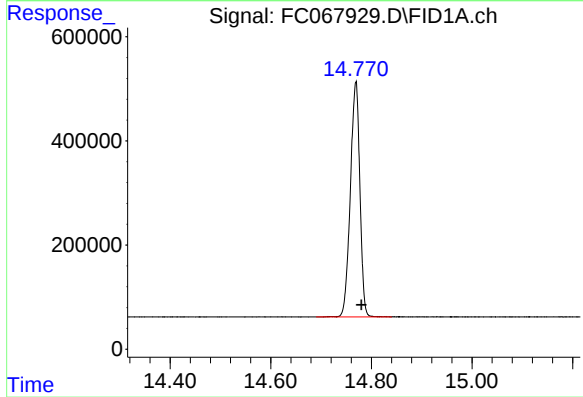
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: -0.014 min
Response: 4332711
Conc: 29.85 ug/ml



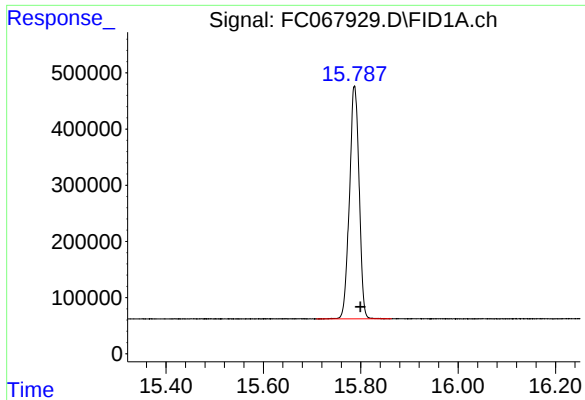
#13 n-Docosane (C22)

R.T.: 13.667 min
Delta R.T.: -0.012 min
Response: 6136701
Conc: 37.68 ug/ml



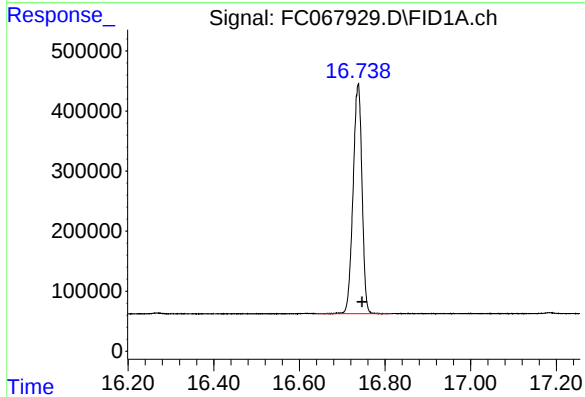
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: -0.011 min
Response: 5918041
Conc: 36.90 ug/ml



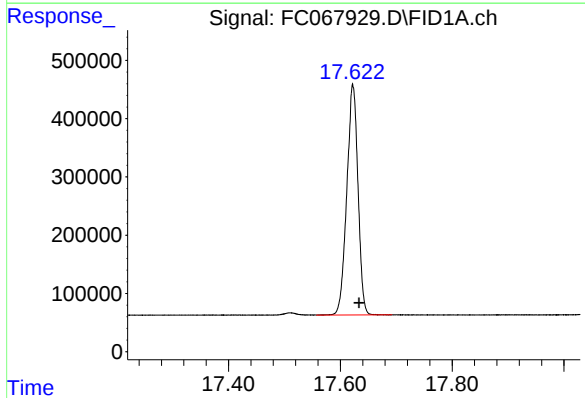
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: -0.012 min
Response: 5722244
Conc: 36.95 ug/ml



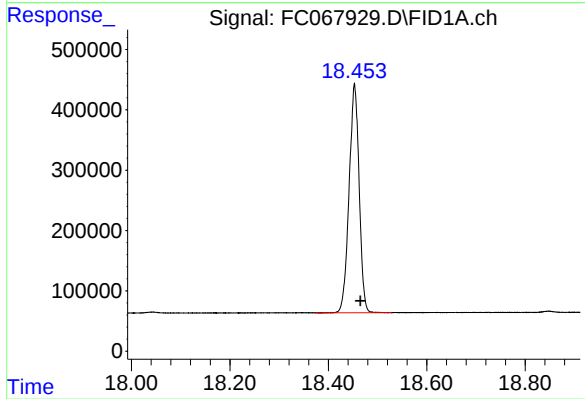
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.009 min
Response: 5539913
Conc: 36.68 ug/ml m



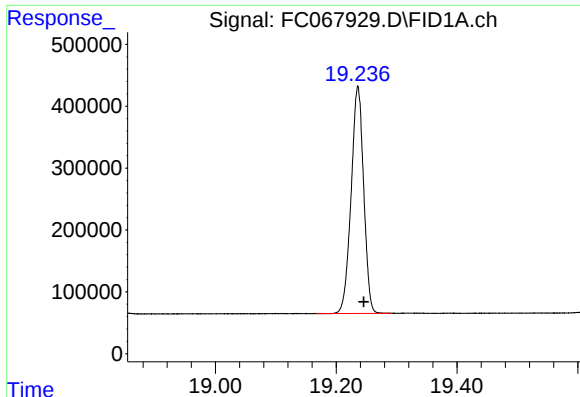
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: -0.011 min
Response: 5495698
Conc: 35.89 ug/ml



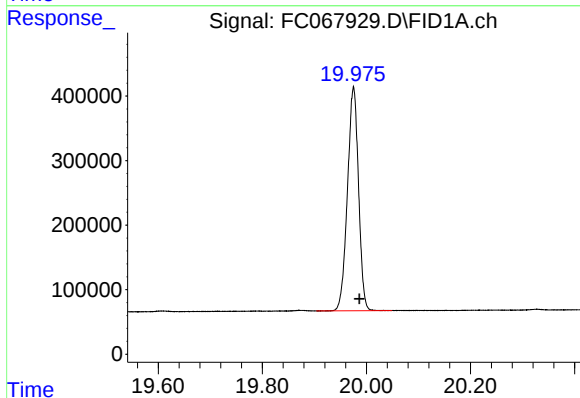
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.012 min
Response: 5371604
Conc: 36.37 ug/ml



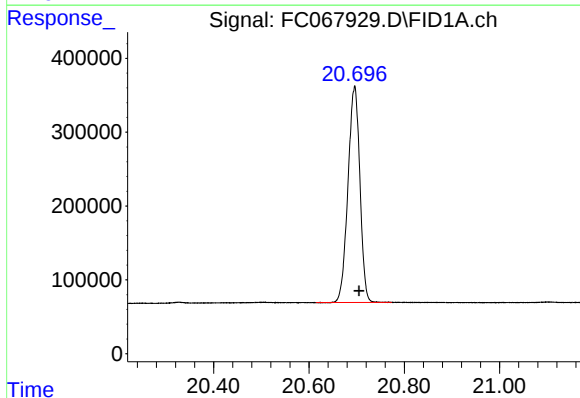
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: -0.010 min
Response: 5281441
Conc: 41.87 ug/ml



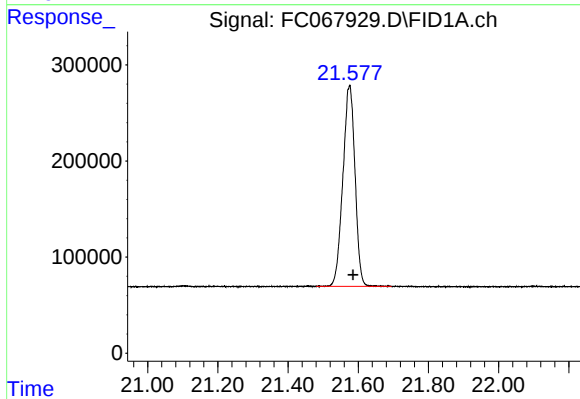
#20 n-Hexatriacontane (C36)

R.T.: 19.975 min
Delta R.T.: -0.011 min
Response: 5118535
Conc: 48.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: -0.010 min
Response: 5065755
Conc: 51.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.010 min
Response: 5012301
Conc: 51.43 ug/ml