

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120624AL\
 Data File : FC067934.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 19:49
 Operator : YP/AJ
 Sample : P5147-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 01:07:50 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...	12.918	7126471	49.094 ug/mlm
Spiked Amount 50.000		Recovery =	98.19%
Target Compounds			
1) T n-Nonane (C9)	3.254	5508751	33.772 ug/ml
2) T n-Decane (C10)	4.317	6392812	38.550 ug/mlm
4) T n-Dodecane (C12)	6.340	5686927	33.765 ug/mlm
6) T n-Tetradecane (C14)	8.136	9403399	56.149 ug/mlm
7) T n-Hexadecane (C16)	9.731	9175406	52.946 ug/mlm
8) T n-Octadecane (C18)	11.168	8393291	47.705 ug/mlm
10) T n-Eicosane (C20)	12.477	7976825	47.372 ug/mlm
11) T n-Heneicosane (C21)	13.085	7003877	42.567 ug/mlm
13) T n-Docosane (C22)	13.670	6981052	42.867 ug/ml
14) T n-Tetracosane (C24)	14.772	6703587	41.798 ug/ml
15) T n-Hexacosane (C26)	15.789	6536517	42.209 ug/ml
16) T n-Octacosane (C28)	16.738	6312212	41.796 ug/ml
17) T n-Tricontane (C30)	17.625	6329269	41.338 ug/ml
18) T n-Dotriacontane (C32)	18.456	6032462	40.845 ug/ml
19) T n-Tetratriacontane (C34)	19.239	5928242	47.001 ug/ml
20) T n-Hexatriacontane (C36)	19.977	5368698	51.332 ug/ml
21) T n-Octatriacontane (C38)	20.697	4833010	49.476 ug/ml
22) T n-Tetracontane (C40)	21.574	4464419	45.805 ug/ml

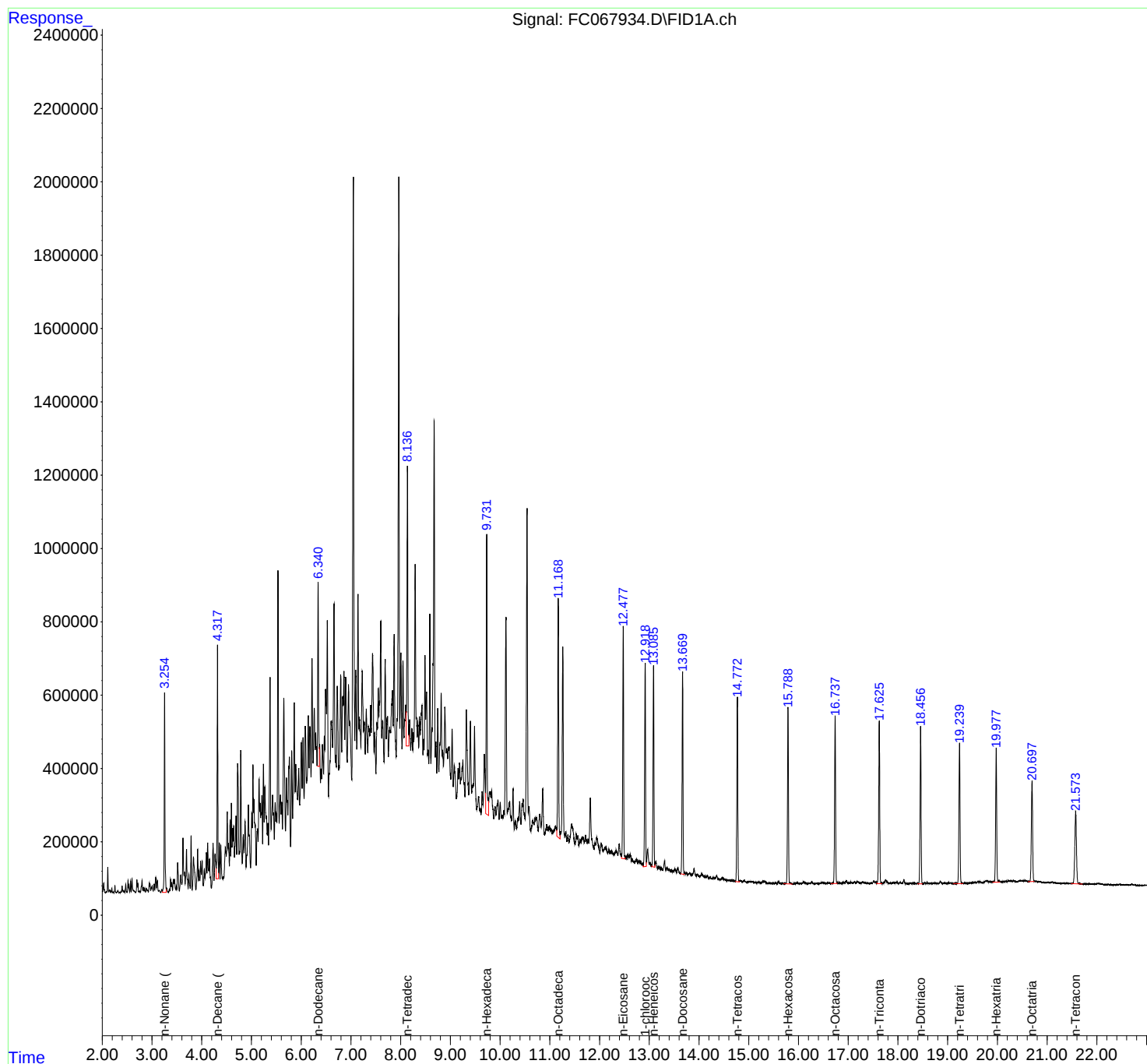
(f)=RT Delta > 1/2 Window

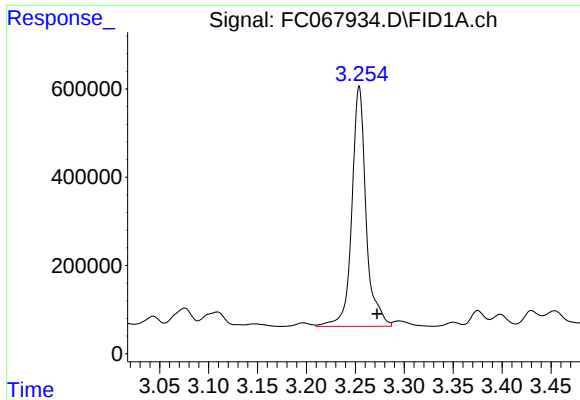
(m)=manual int.

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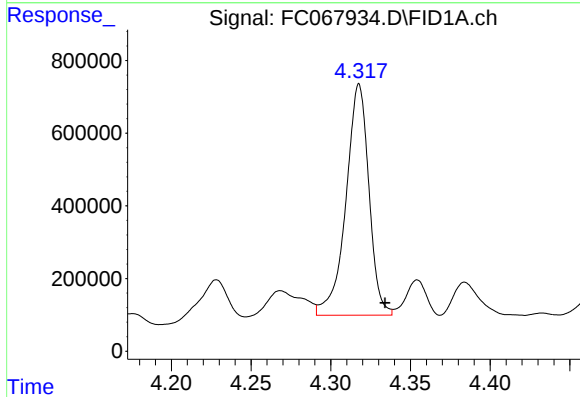
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Signal Info : 20M x 0.18mm x 0.18um





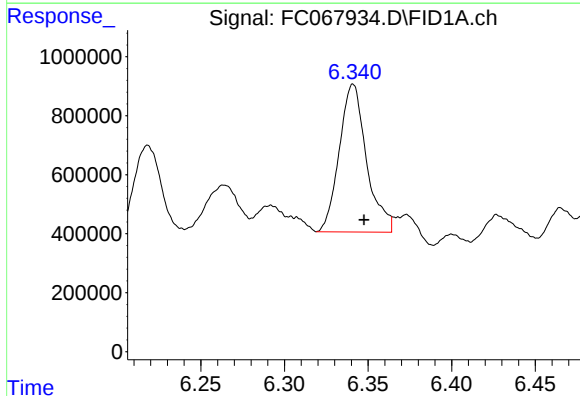
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.018 min
Response: 5508751
Conc: 33.77 ug/ml



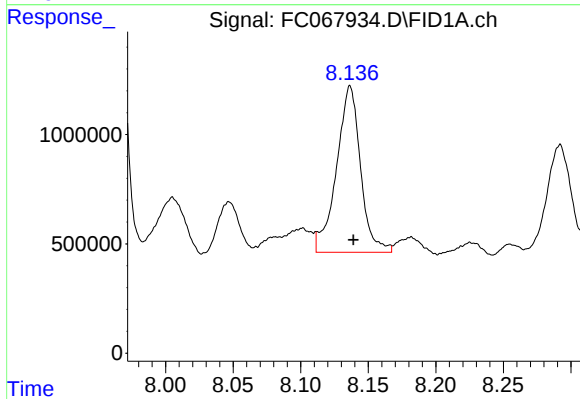
#2 n-Decane (C10)

R.T.: 4.317 min
Delta R.T.: -0.017 min
Response: 6392812
Conc: 38.55 ug/ml m



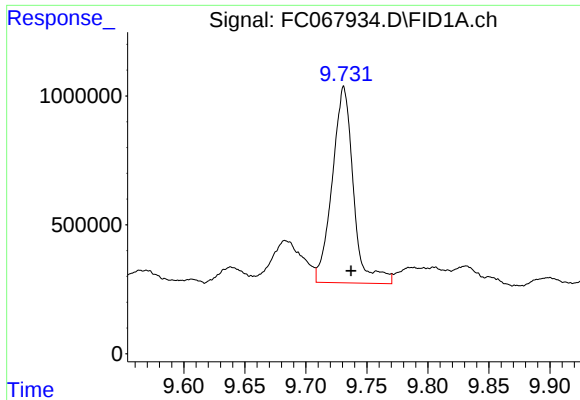
#4 n-Dodecane (C12)

R.T.: 6.340 min
Delta R.T.: -0.007 min
Response: 5686927
Conc: 33.76 ug/ml m



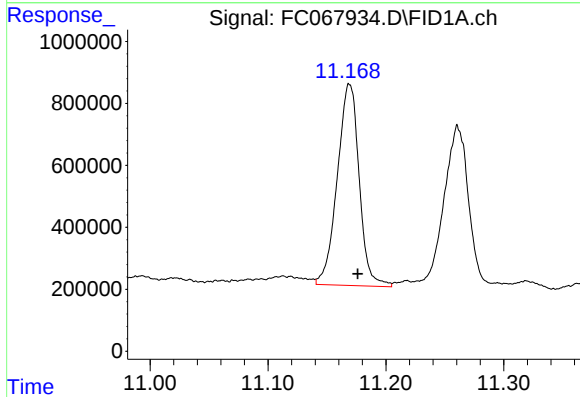
#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: -0.003 min
Response: 9403399
Conc: 56.15 ug/ml m



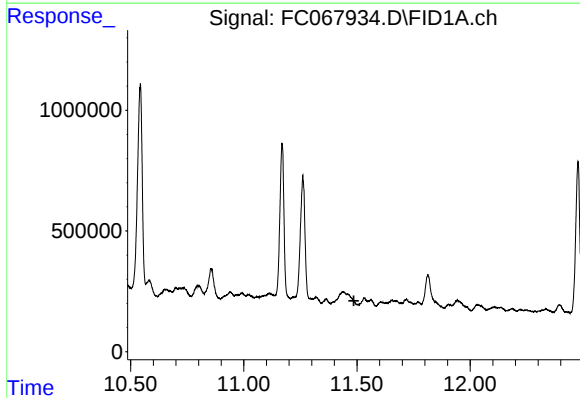
#7 n-Hexadecane (C16)

R.T.: 9.731 min
Delta R.T.: -0.006 min
Response: 9175406
Conc: 52.95 ug/ml m



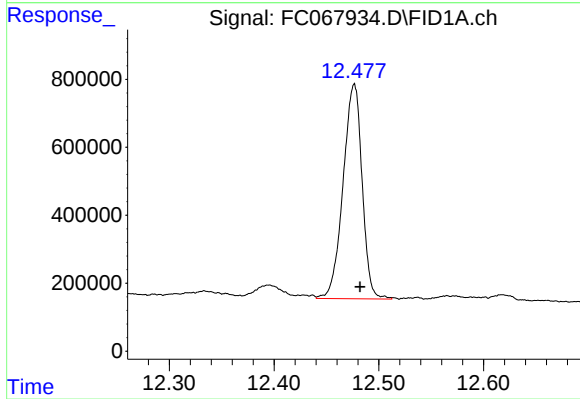
#8 n-Octadecane (C18)

R.T.: 11.168 min
Delta R.T.: -0.008 min
Response: 8393291
Conc: 47.71 ug/ml m



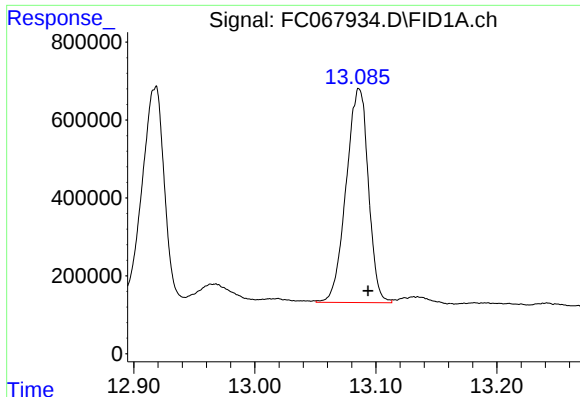
#9 ortho-Terphenyl (SURR)

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



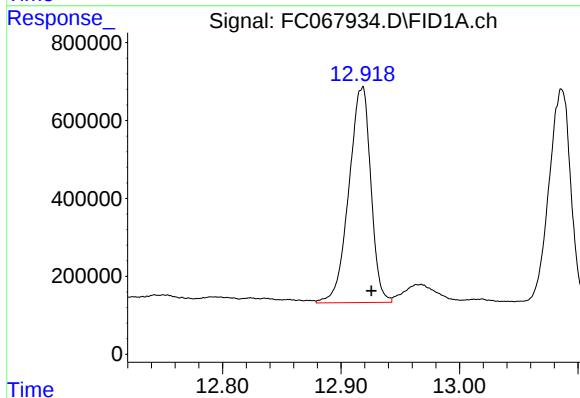
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: -0.006 min
Response: 7976825
Conc: 47.37 ug/ml m



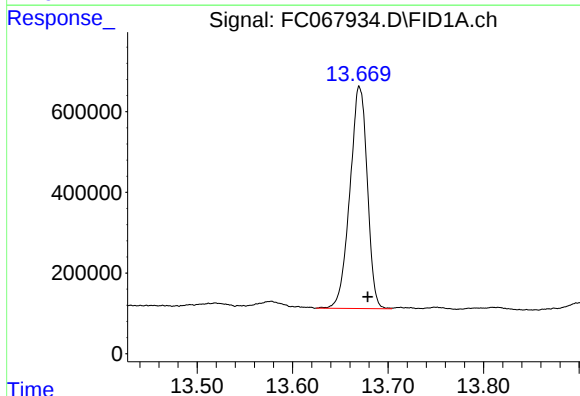
#11 n-Heneicosane (C21)

R.T.: 13.085 min
Delta R.T.: -0.009 min
Response: 7003877
Conc: 42.57 ug/ml m



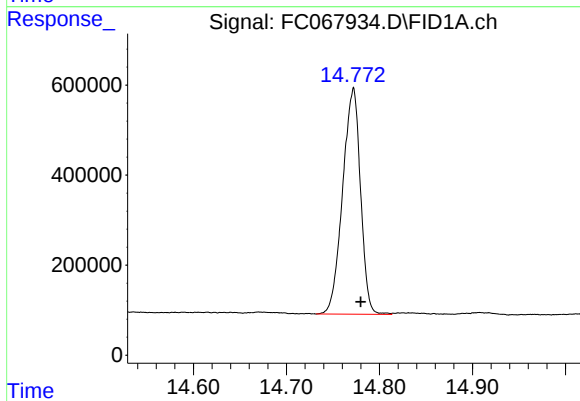
#12 1-chlorooctadecane (SURR)

R.T.: 12.918 min
Delta R.T.: -0.007 min
Response: 7126471
Conc: 49.09 ug/ml m



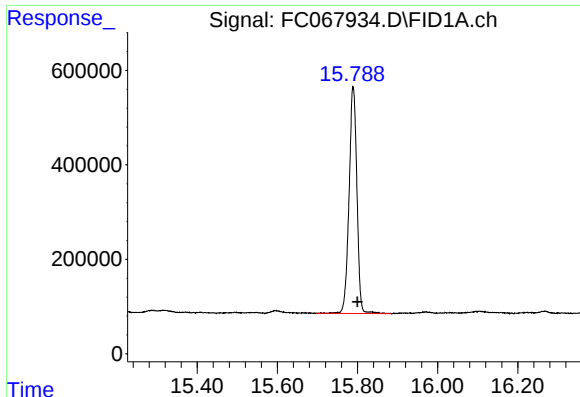
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.008 min
Response: 6981052
Conc: 42.87 ug/ml



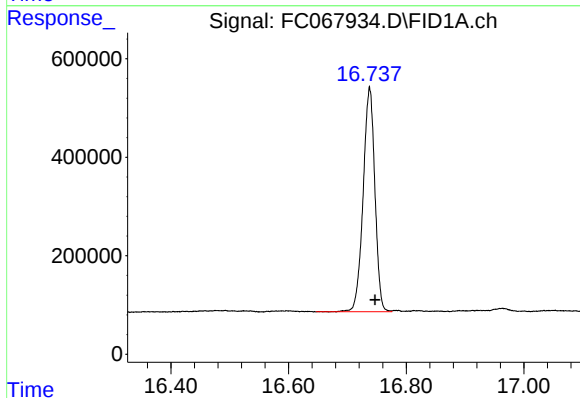
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: -0.008 min
Response: 6703587
Conc: 41.80 ug/ml



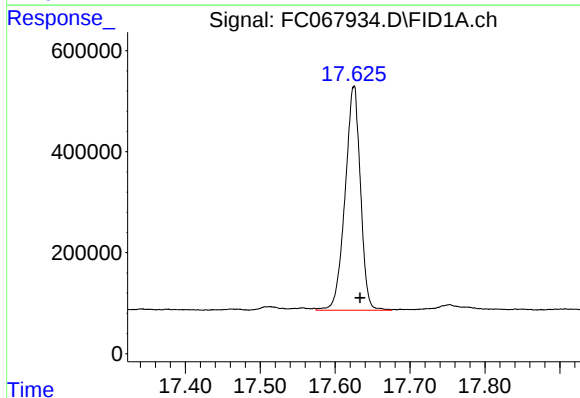
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: -0.010 min
Response: 6536517
Conc: 42.21 ug/ml



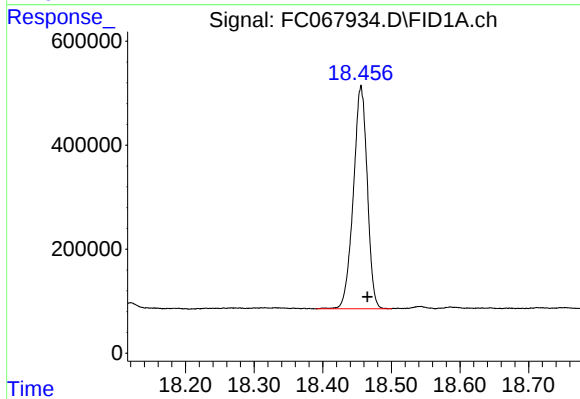
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.009 min
Response: 6312212
Conc: 41.80 ug/ml



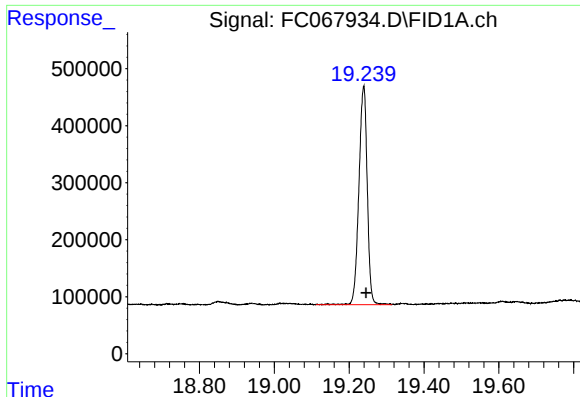
#17 n-Tricontane (C30)

R.T.: 17.625 min
Delta R.T.: -0.009 min
Response: 6329269
Conc: 41.34 ug/ml



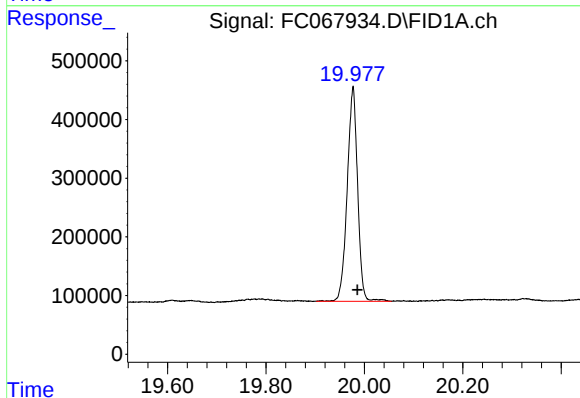
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.009 min
Response: 6032462
Conc: 40.85 ug/ml



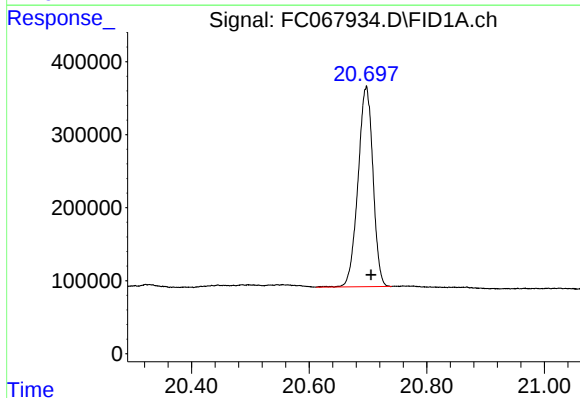
#19 n-Tetratriacontane (C34)

R.T.: 19.239 min
Delta R.T.: -0.007 min
Response: 5928242
Conc: 47.00 ug/ml



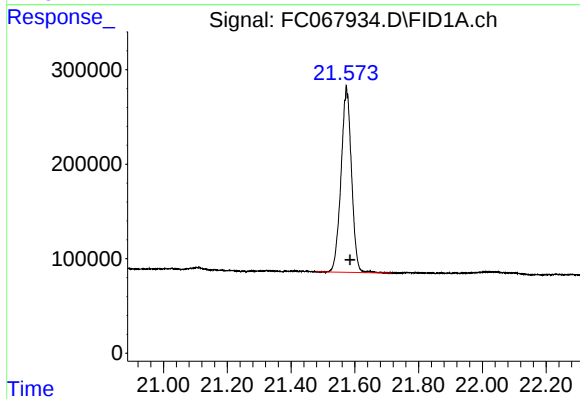
#20 n-Hexatriacontane (C36)

R.T.: 19.977 min
Delta R.T.: -0.009 min
Response: 5368698
Conc: 51.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: -0.008 min
Response: 4833010
Conc: 49.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.574 min
Delta R.T.: -0.011 min
Response: 4464419
Conc: 45.80 ug/ml