

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120624AL\
 Data File : FC067930.D
 Signal(s) : FID1A.ch
 Acq On : 06 Dec 2024 17:27
 Operator : YP/AJ
 Sample : PB165427BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 07 01:06:06 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...	12.914	7155656	49.295 ug/ml
Spiked Amount 50.000		Recovery =	98.59%
Target Compounds			
1) T n-Nonane (C9)	3.253	2587863	15.865 ug/ml
2) T n-Decane (C10)	4.315	3518809	21.219 ug/ml
4) T n-Dodecane (C12)	6.330	4598407	27.302 ug/ml
6) T n-Tetradecane (C14)	8.123	5246760	31.329 ug/ml
7) T n-Hexadecane (C16)	9.722	5595158	32.287 ug/ml
8) T n-Octadecane (C18)	11.162	5850792	33.255 ug/ml
10) T n-Eicosane (C20)	12.471	5856278	34.779 ug/ml
11) T n-Heneicosane (C21)	13.081	5587198	33.957 ug/ml
13) T n-Docosane (C22)	13.665	5504291	33.799 ug/mlm
14) T n-Tetracosane (C24)	14.768	5304039	33.071 ug/ml
15) T n-Hexacosane (C26)	15.788	5122880	33.080 ug/ml
16) T n-Octacosane (C28)	16.735	4950422	32.779 ug/mlm
17) T n-Tricontane (C30)	17.623	4890575	31.942 ug/ml
18) T n-Dotriacontane (C32)	18.453	4779122	32.359 ug/ml
19) T n-Tetratriacontane (C34)	19.236	4666748	36.999 ug/ml
20) T n-Hexatriacontane (C36)	19.974	4482131	42.855 ug/ml
21) T n-Octatriacontane (C38)	20.693	4373414	44.771 ug/ml
22) T n-Tetracontane (C40)	21.572	4291812	44.034 ug/ml

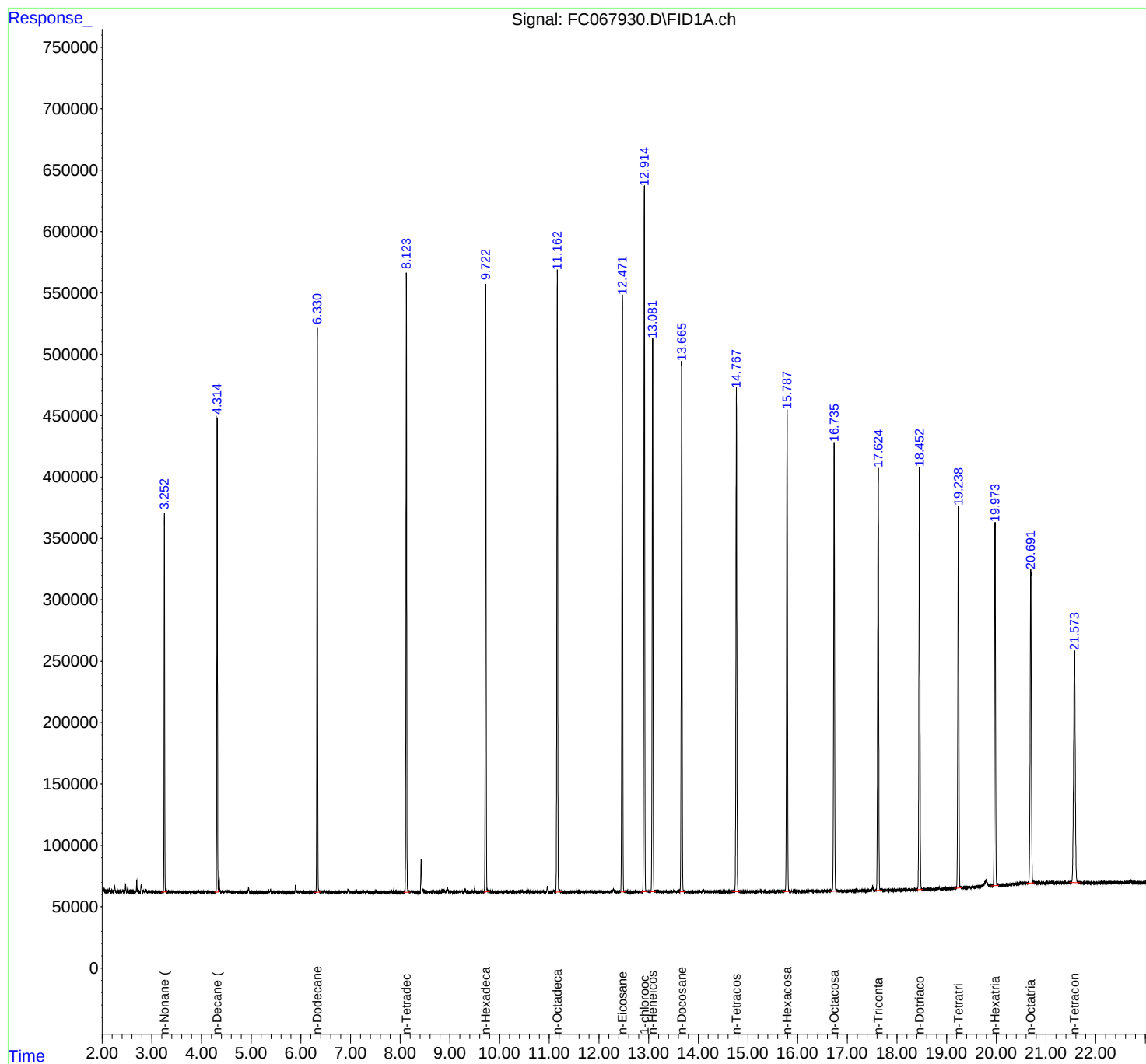
(f)=RT Delta > 1/2 Window

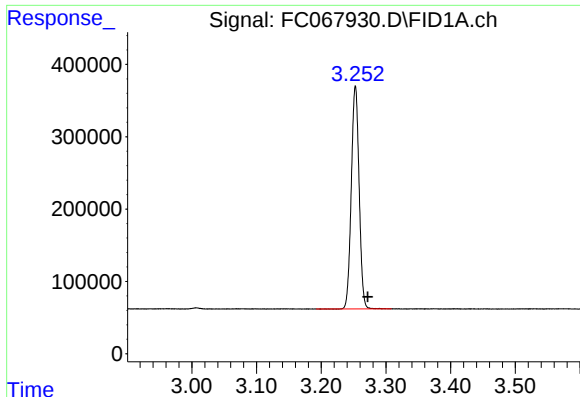
(m)=manual int.

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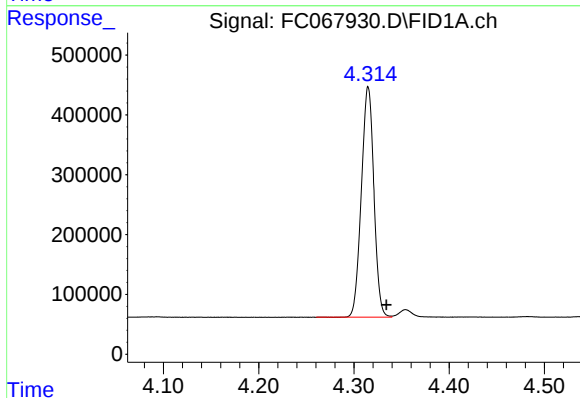
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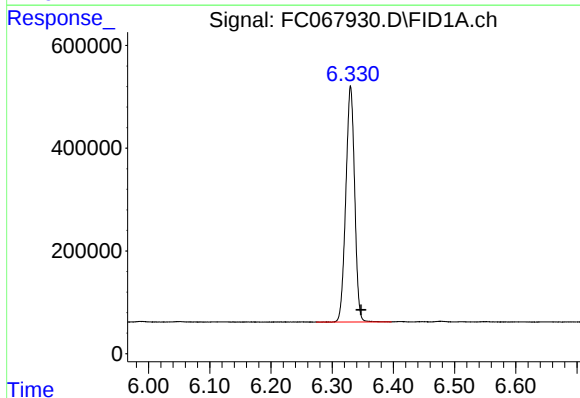
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: -0.019 min
Response: 2587863
Conc: 15.87 ug/ml



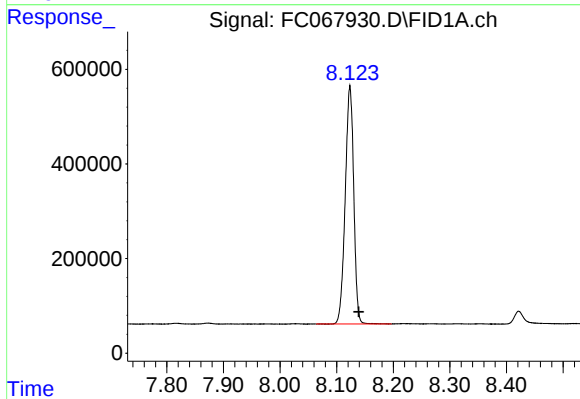
#2 n-Decane (C10)

R.T.: 4.315 min
Delta R.T.: -0.019 min
Response: 3518809
Conc: 21.22 ug/ml



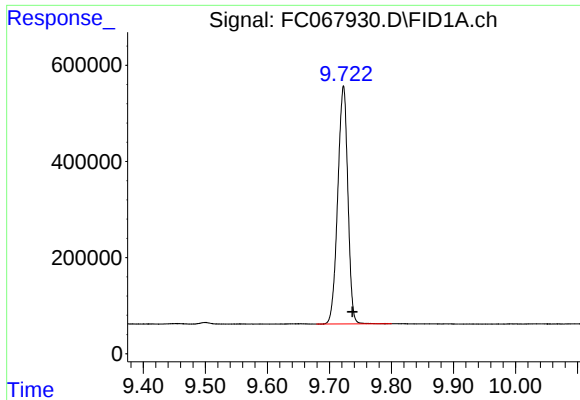
#4 n-Dodecane (C12)

R.T.: 6.330 min
Delta R.T.: -0.017 min
Response: 4598407
Conc: 27.30 ug/ml



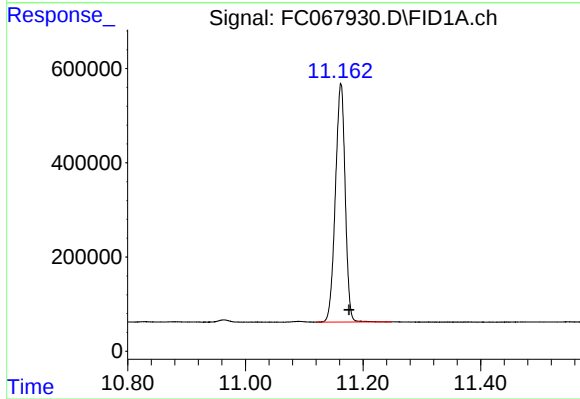
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: -0.016 min
Response: 5246760
Conc: 31.33 ug/ml



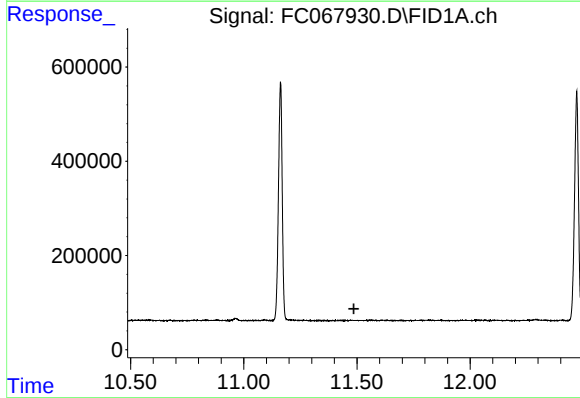
#7 n-Hexadecane (C16)

R.T.: 9.722 min
Delta R.T.: -0.015 min
Response: 5595158
Conc: 32.29 ug/ml



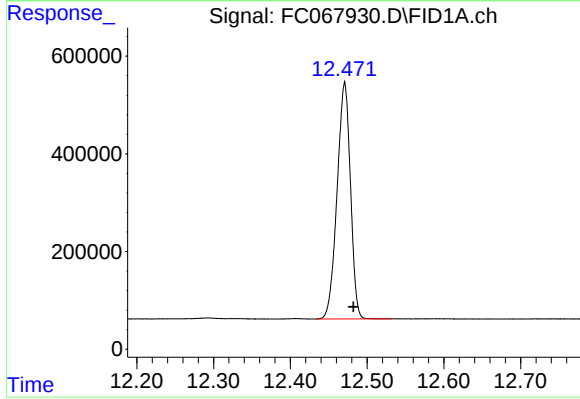
#8 n-Octadecane (C18)

R.T.: 11.162 min
Delta R.T.: -0.014 min
Response: 5850792
Conc: 33.25 ug/ml



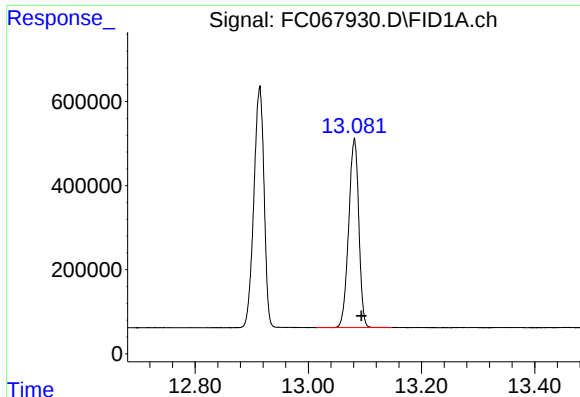
#9 ortho-Terphenyl (SURR)

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



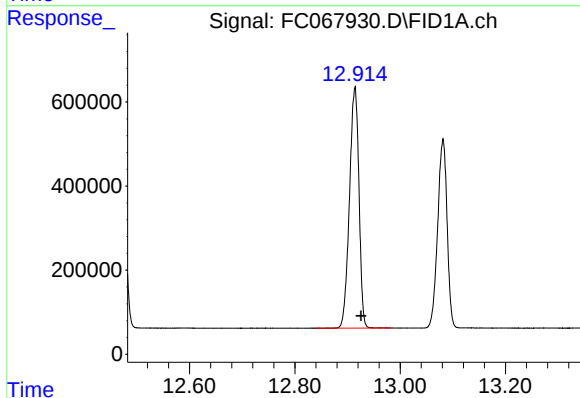
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: -0.012 min
Response: 5856278
Conc: 34.78 ug/ml



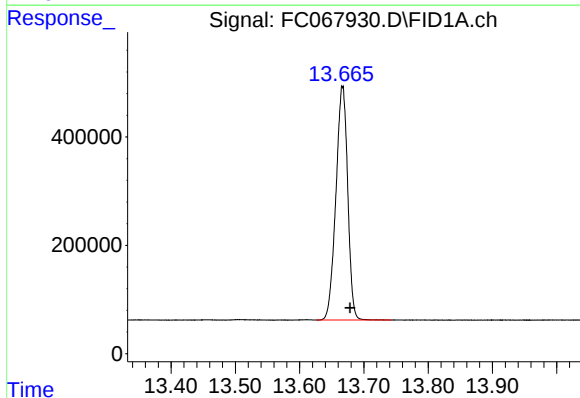
#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: -0.012 min
Response: 5587198
Conc: 33.96 ug/ml



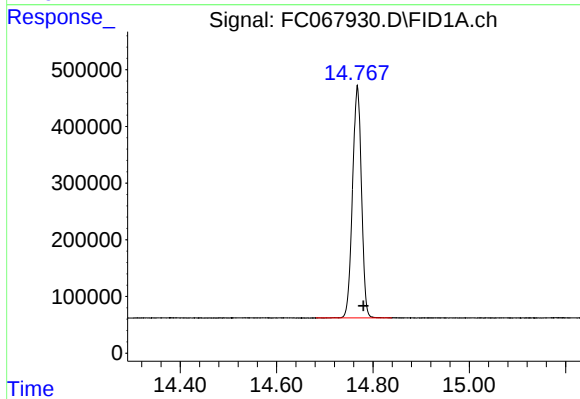
#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 7155656
Conc: 49.29 ug/ml



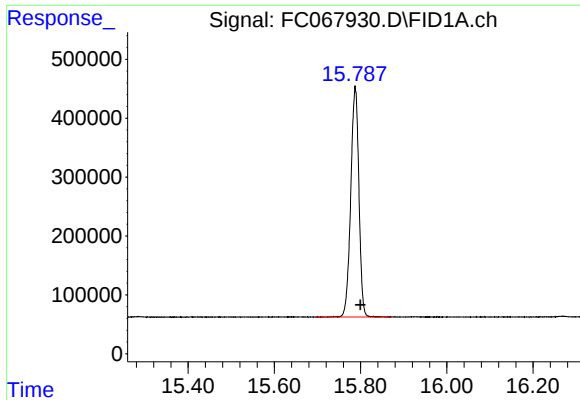
#13 n-Docosane (C22)

R.T.: 13.665 min
Delta R.T.: -0.013 min
Response: 5504291
Conc: 33.80 ug/ml m



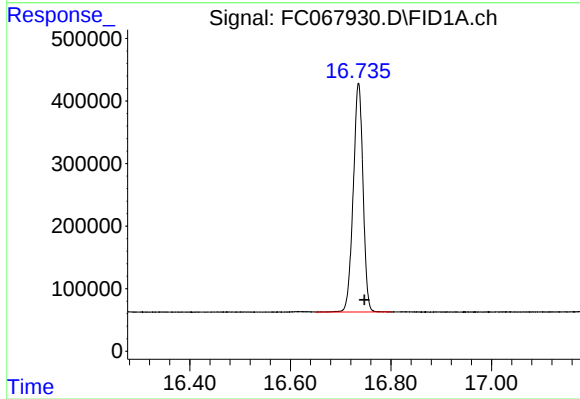
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 5304039
Conc: 33.07 ug/ml



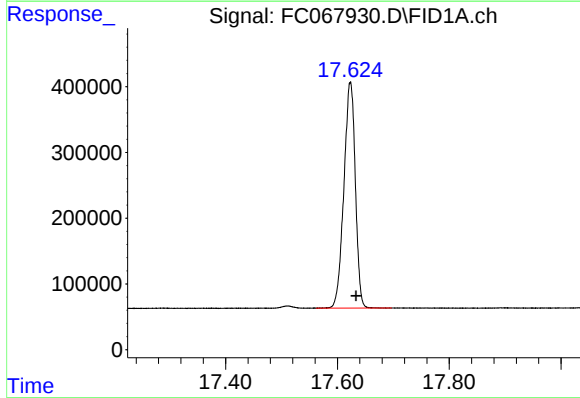
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: -0.012 min
Response: 5122880
Conc: 33.08 ug/ml



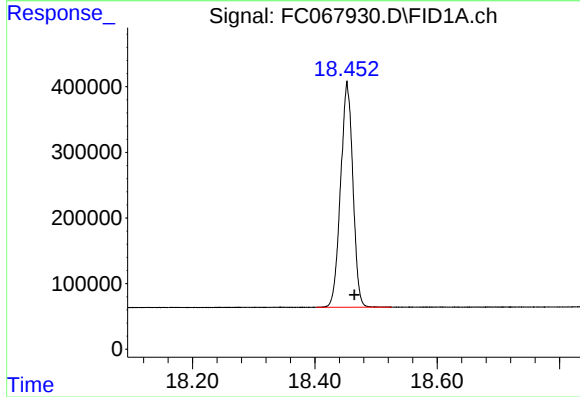
#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: -0.012 min
Response: 4950422
Conc: 32.78 ug/ml m



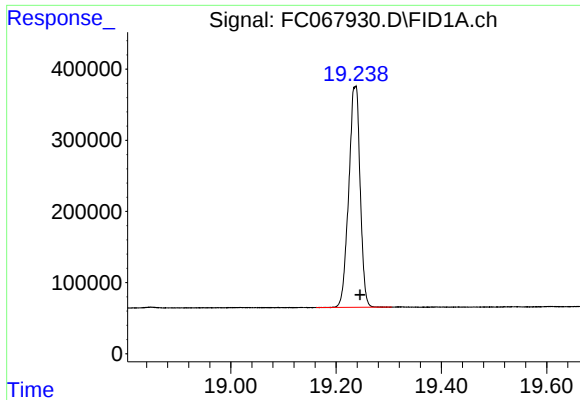
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: -0.010 min
Response: 4890575
Conc: 31.94 ug/ml



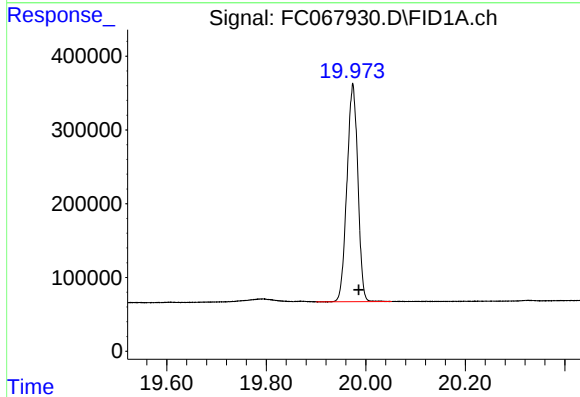
#18 n-Dotriacontane (C32)

R.T.: 18.453 min
Delta R.T.: -0.012 min
Response: 4779122
Conc: 32.36 ug/ml



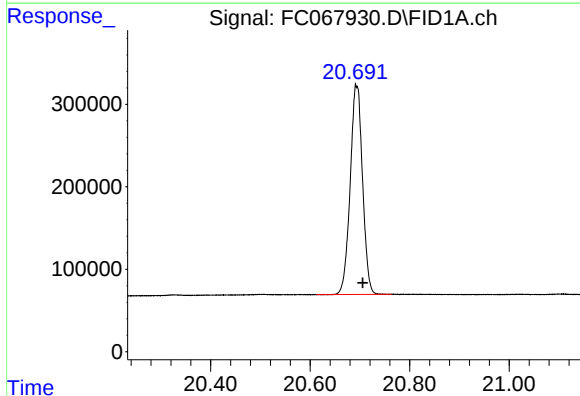
#19 n-Tetratriacontane (C34)

R.T.: 19.236 min
Delta R.T.: -0.009 min
Response: 4666748
Conc: 37.00 ug/ml



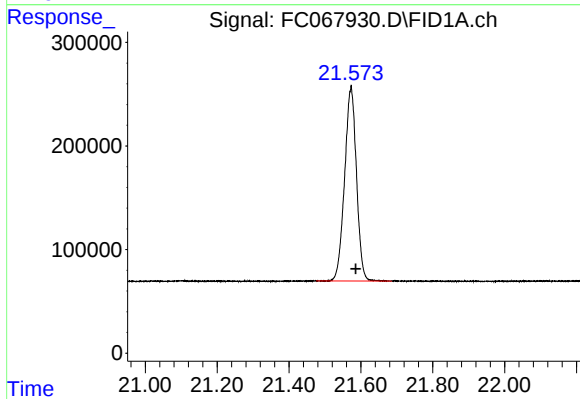
#20 n-Hexatriacontane (C36)

R.T.: 19.974 min
Delta R.T.: -0.012 min
Response: 4482131
Conc: 42.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.693 min
Delta R.T.: -0.012 min
Response: 4373414
Conc: 44.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.013 min
Response: 4291812
Conc: 44.03 ug/ml