

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012825AL\
 Data File : FC068135.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 16:55
 Operator : YP/AJ
 Sample : PB166219BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB166219BSD

Integration File: autoint1.e
 Quant Time: Jan 29 00:45:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 2025
 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...	12.868	4449518	38.690 ug/ml
Spiked Amount 50.000		Recovery =	77.38%
Target Compounds			
1) T n-Nonane (C9)	3.232	3698596	27.010 ug/ml
2) T n-Decane (C10)	4.290	4519982	32.557 ug/ml
4) T n-Dodecane (C12)	6.299	5181132	37.088 ug/ml
6) T n-Tetradecane (C14)	8.089	5847833	42.848 ug/ml
7) T n-Hexadecane (C16)	9.684	6348763	45.692 ug/ml
8) T n-Octadecane (C18)	11.122	6641515	47.468 ug/ml
10) T n-Eicosane (C20)	12.429	6856290	51.242 ug/ml
11) T n-Heneicosane (C21)	13.039	6557645	49.929 ug/ml
13) T n-Docosane (C22)	13.624	6518164	50.320 ug/ml
14) T n-Tetracosane (C24)	14.724	6389113	49.765 ug/ml
15) T n-Hexacosane (C26)	15.743	6230013	49.509 ug/ml
16) T n-Octacosane (C28)	16.690	6080375	48.615 ug/ml
17) T n-Tricontane (C30)	17.576	6089096	47.109 ug/ml
18) T n-Dotriacontane (C32)	18.407	5961117	47.684 ug/ml
19) T n-Tetratriacontane (C34)	19.190	5800339	53.471 ug/ml
20) T n-Hexatriacontane (C36)	19.928	5455685	58.953 ug/ml
21) T n-Octatriacontane (C38)	20.643	5204768	60.741 ug/ml
22) T n-Tetracontane (C40)	21.504	5028748	62.191 ug/ml

(f)=RT Delta > 1/2 Window

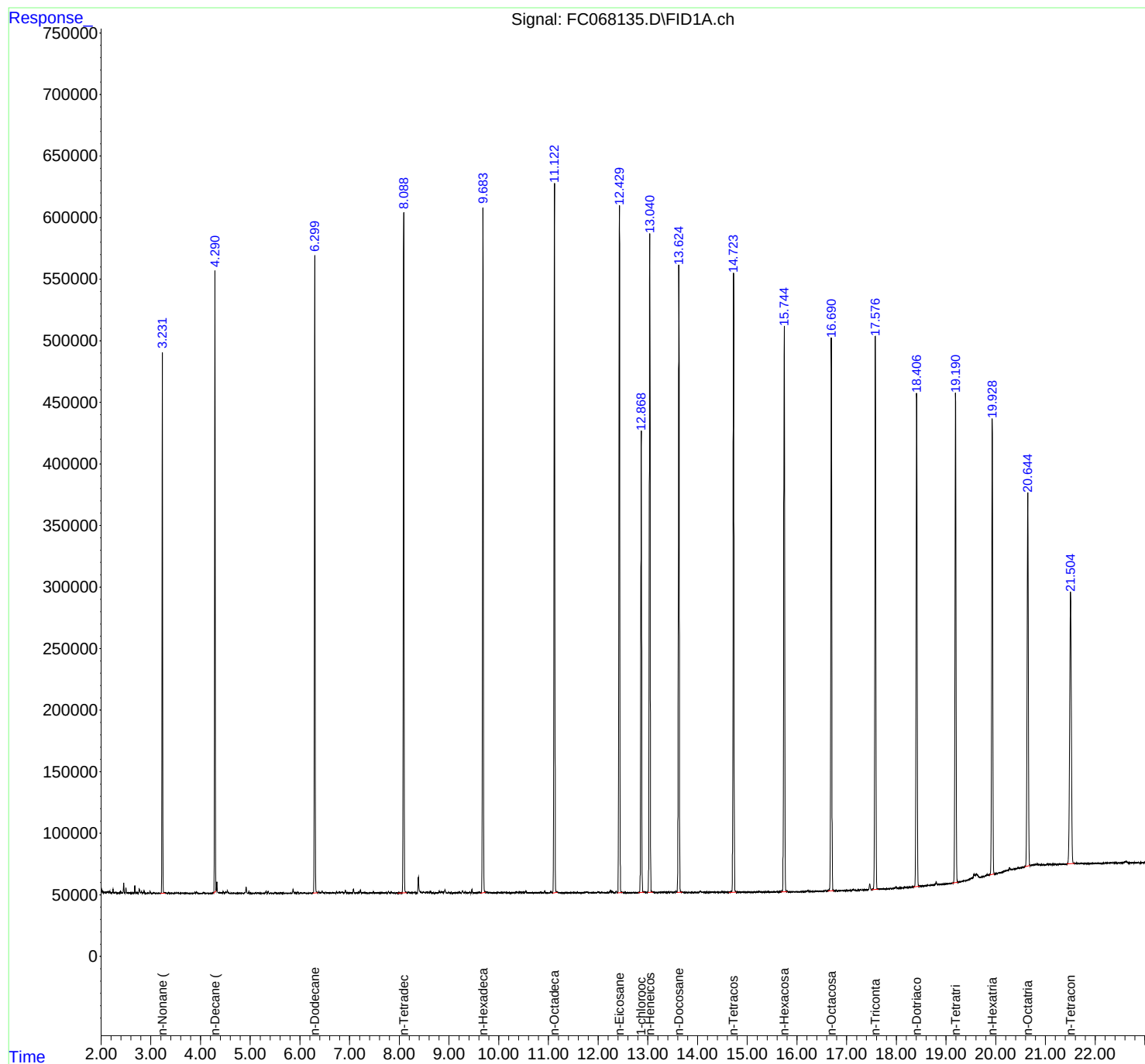
(m)=manual int.

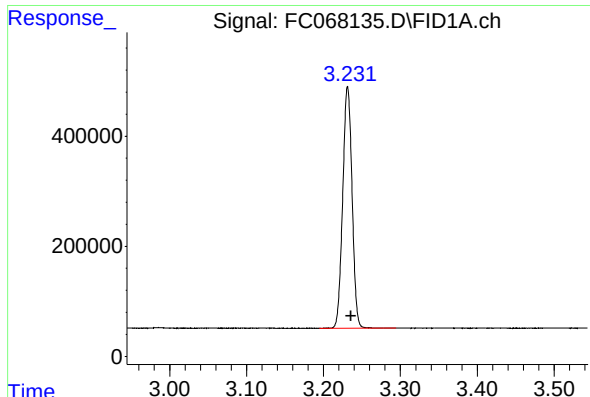
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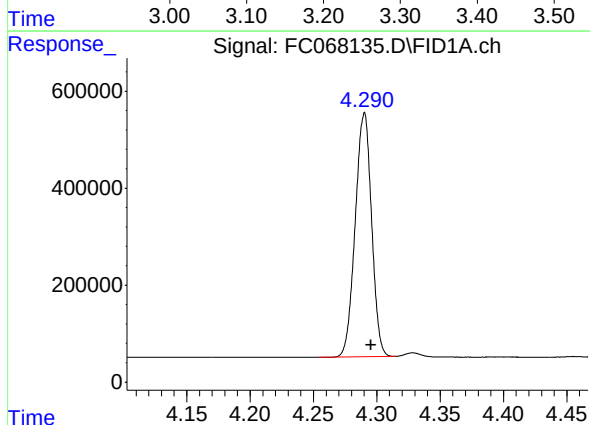




#1 n-Nonane (C9)

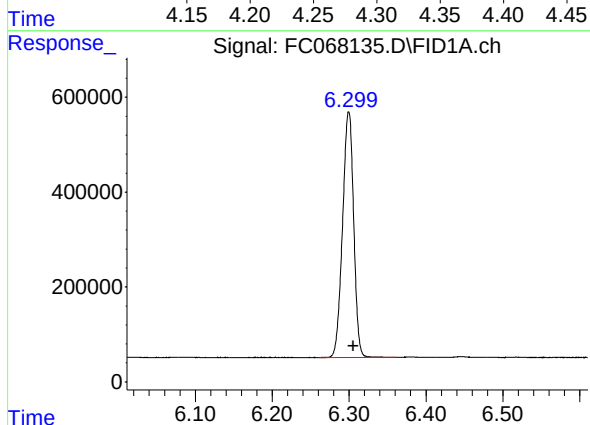
R.T.: 3.232 min
Delta R.T.: -0.005 min
Response: 3698596
Conc: 27.01 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166219BSD



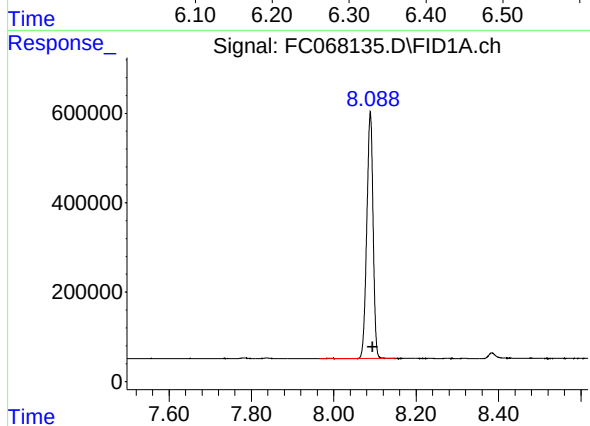
#2 n-Decane (C10)

R.T.: 4.290 min
Delta R.T.: -0.005 min
Response: 4519982
Conc: 32.56 ug/ml



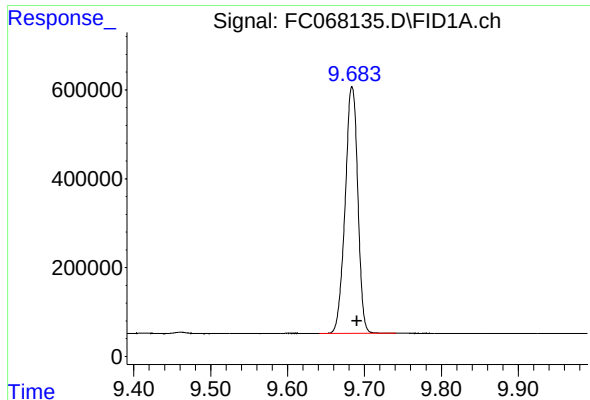
#4 n-Dodecane (C12)

R.T.: 6.299 min
Delta R.T.: -0.006 min
Response: 5181132
Conc: 37.09 ug/ml



#6 n-Tetradecane (C14)

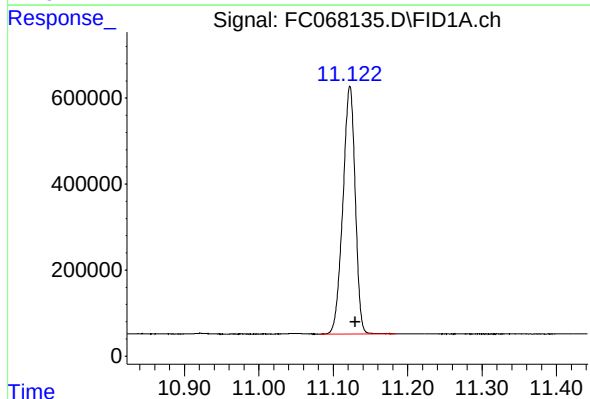
R.T.: 8.089 min
Delta R.T.: -0.005 min
Response: 5847833
Conc: 42.85 ug/ml



#7 n-Hexadecane (C16)

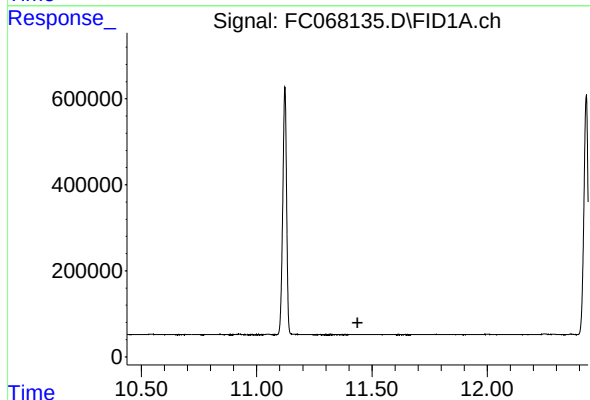
R.T.: 9.684 min
Delta R.T.: -0.006 min
Response: 6348763
Conc: 45.69 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166219BSD



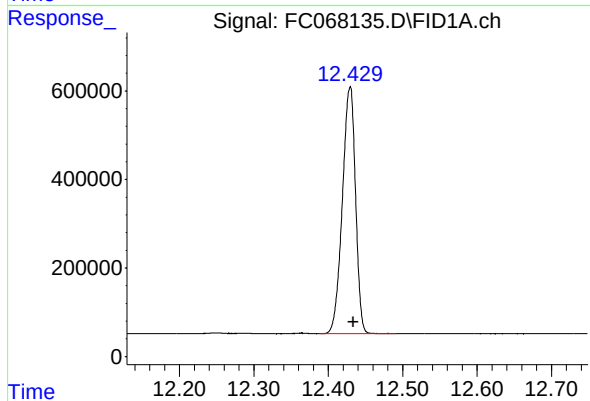
#8 n-Octadecane (C18)

R.T.: 11.122 min
Delta R.T.: -0.007 min
Response: 6641515
Conc: 47.47 ug/ml



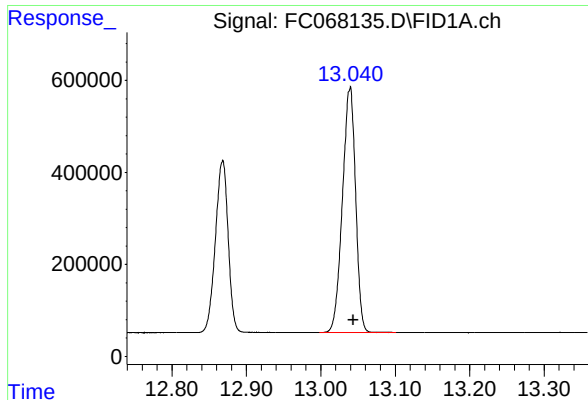
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.437 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

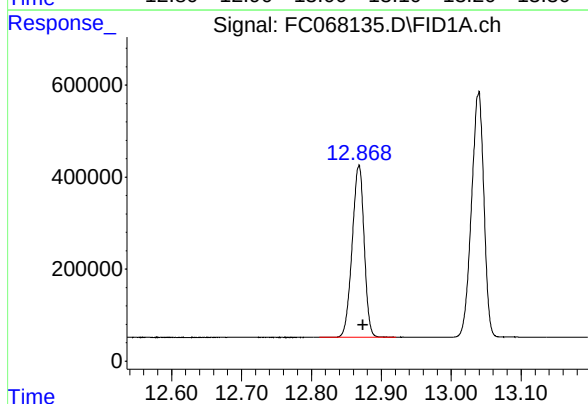
R.T.: 12.429 min
Delta R.T.: -0.005 min
Response: 6856290
Conc: 51.24 ug/ml



#11 n-Heneicosane (C21)

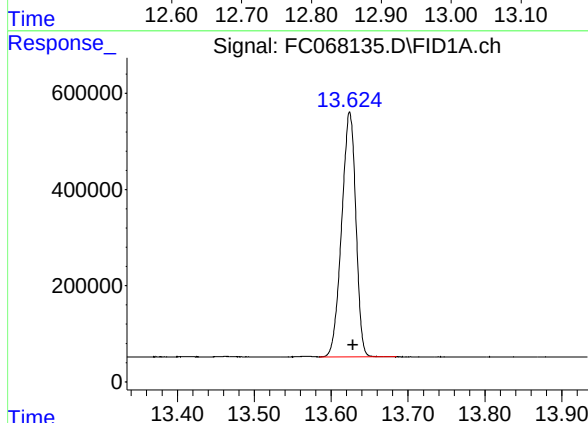
R.T.: 13.039 min
Delta R.T.: -0.005 min
Response: 6557645
Conc: 49.93 ug/ml

Instrument :
FID_C
ClientSampleId :
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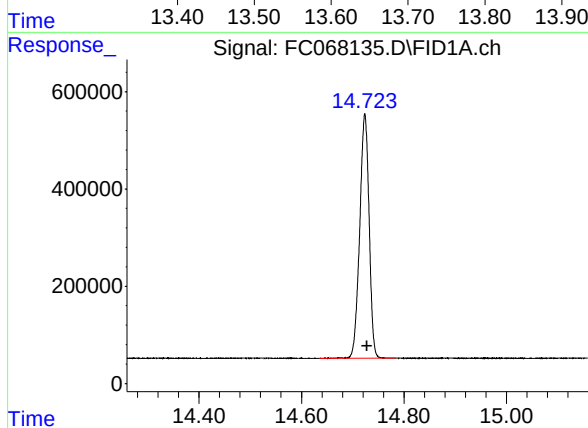
#12 1-chlorooctadecane (SURR)

R.T.: 12.868 min
Delta R.T.: -0.006 min
Response: 4449518
Conc: 38.69 ug/ml



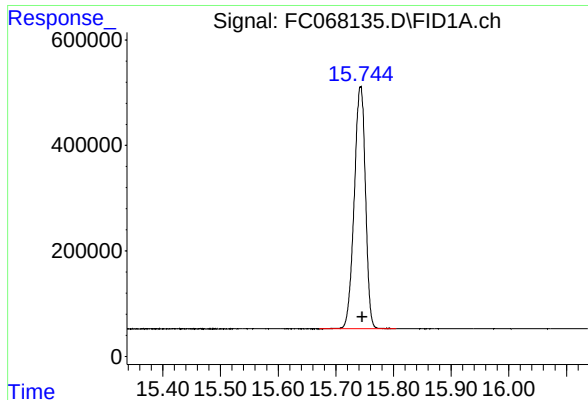
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.004 min
Response: 6518164
Conc: 50.32 ug/ml



#14 n-Tetracosane (C24)

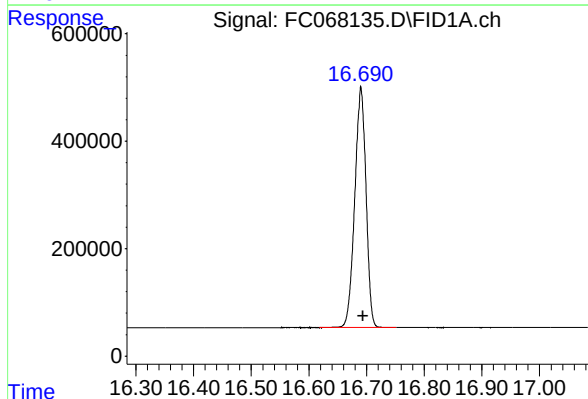
R.T.: 14.724 min
Delta R.T.: -0.005 min
Response: 6389113
Conc: 49.76 ug/ml



#15 n-Hexacosane (C26)

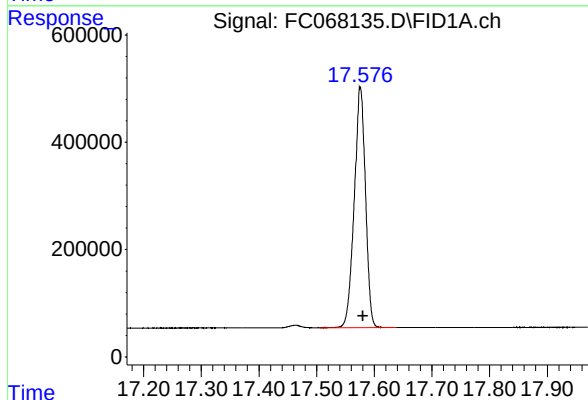
R.T.: 15.743 min
Delta R.T.: -0.003 min
Response: 6230013
Conc: 49.51 ug/ml

Instrument :
FID_C
ClientSampleId :
PB166219BSD



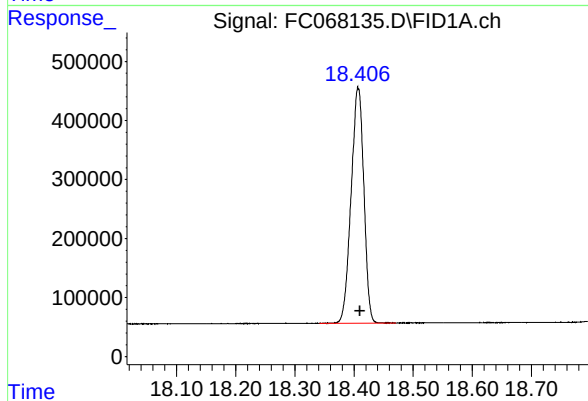
#16 n-Octacosane (C28)

R.T.: 16.690 min
Delta R.T.: -0.003 min
Response: 6080375
Conc: 48.61 ug/ml



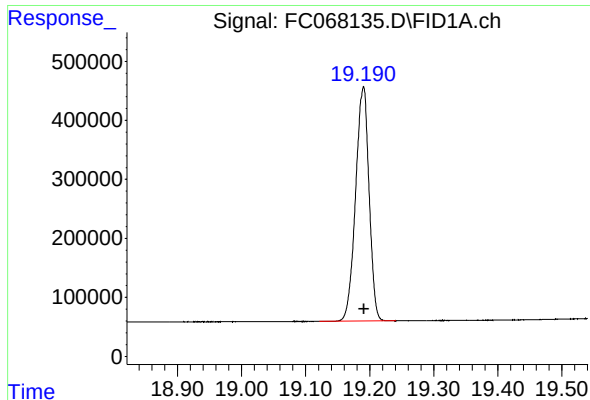
#17 n-Tricontane (C30)

R.T.: 17.576 min
Delta R.T.: -0.004 min
Response: 6089096
Conc: 47.11 ug/ml



#18 n-Dotriacontane (C32)

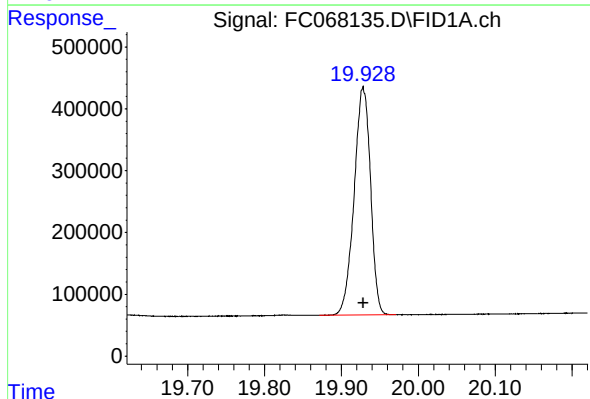
R.T.: 18.407 min
Delta R.T.: -0.003 min
Response: 5961117
Conc: 47.68 ug/ml



#19 n-Tetratriacontane (C34)

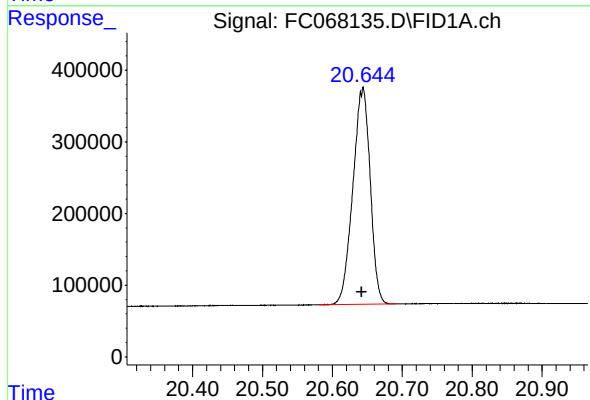
R.T.: 19.190 min
Delta R.T.: -0.001 min
Response: 5800339
Conc: 53.47 ug/ml

Instrument :
FID_C
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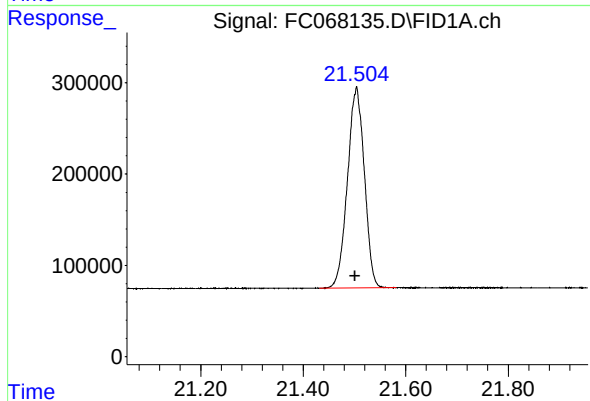
#20 n-Hexatriacontane (C36)

R.T.: 19.928 min
Delta R.T.: 0.000 min
Response: 5455685
Conc: 58.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.643 min
Delta R.T.: 0.001 min
Response: 5204768
Conc: 60.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: 0.002 min
Response: 5028748
Conc: 62.19 ug/ml