

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041924AL\
 Data File : FC066222.D
 Signal(s) : FID1A.ch
 Acq On : 19 Apr 2024 08:57
 Operator : YP/AJ
 Sample : PB160356BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB160356BSD

Integration File: autoint1.e
 Quant Time: Apr 20 01:20:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 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...	13.008	4064909	41.427 ug/ml
Spiked Amount 50.000		Recovery =	82.85%
Target Compounds			
1) T n-Nonane (C9)	3.322	3139270	24.385 ug/ml
2) T n-Decane (C10)	4.392	3833484	29.400 ug/ml
4) T n-Dodecane (C12)	6.412	4272824	32.999 ug/ml
6) T n-Tetradecane (C14)	8.209	4360517	34.644 ug/ml
7) T n-Hexadecane (C16)	9.811	4606460	36.165 ug/ml
8) T n-Octadecane (C18)	11.254	5020715	39.444 ug/ml
10) T n-Eicosane (C20)	12.566	5410891	44.900 ug/ml
11) T n-Heneicosane (C21)	13.177	5316227	44.929 ug/ml
13) T n-Docosane (C22)	13.764	5326103	45.369 ug/ml
14) T n-Tetracosane (C24)	14.867	5338711	45.758 ug/ml
15) T n-Hexacosane (C26)	15.888	5330184	46.366 ug/ml
16) T n-Octacosane (C28)	16.839	5361926	47.312 ug/ml
17) T n-Tricontane (C30)	17.726	5441121	46.968 ug/ml
18) T n-Dotriacontane (C32)	18.561	5394264	46.983 ug/ml
19) T n-Tetratriacontane (C34)	19.345	5373154	48.926 ug/ml
20) T n-Hexatriacontane (C36)	20.084	5201002	50.387 ug/ml
21) T n-Octatriacontane (C38)	20.822	4971289	50.997 ug/ml
22) T n-Tetracontane (C40)	21.736	4568269	50.484 ug/ml

(f)=RT Delta > 1/2 Window

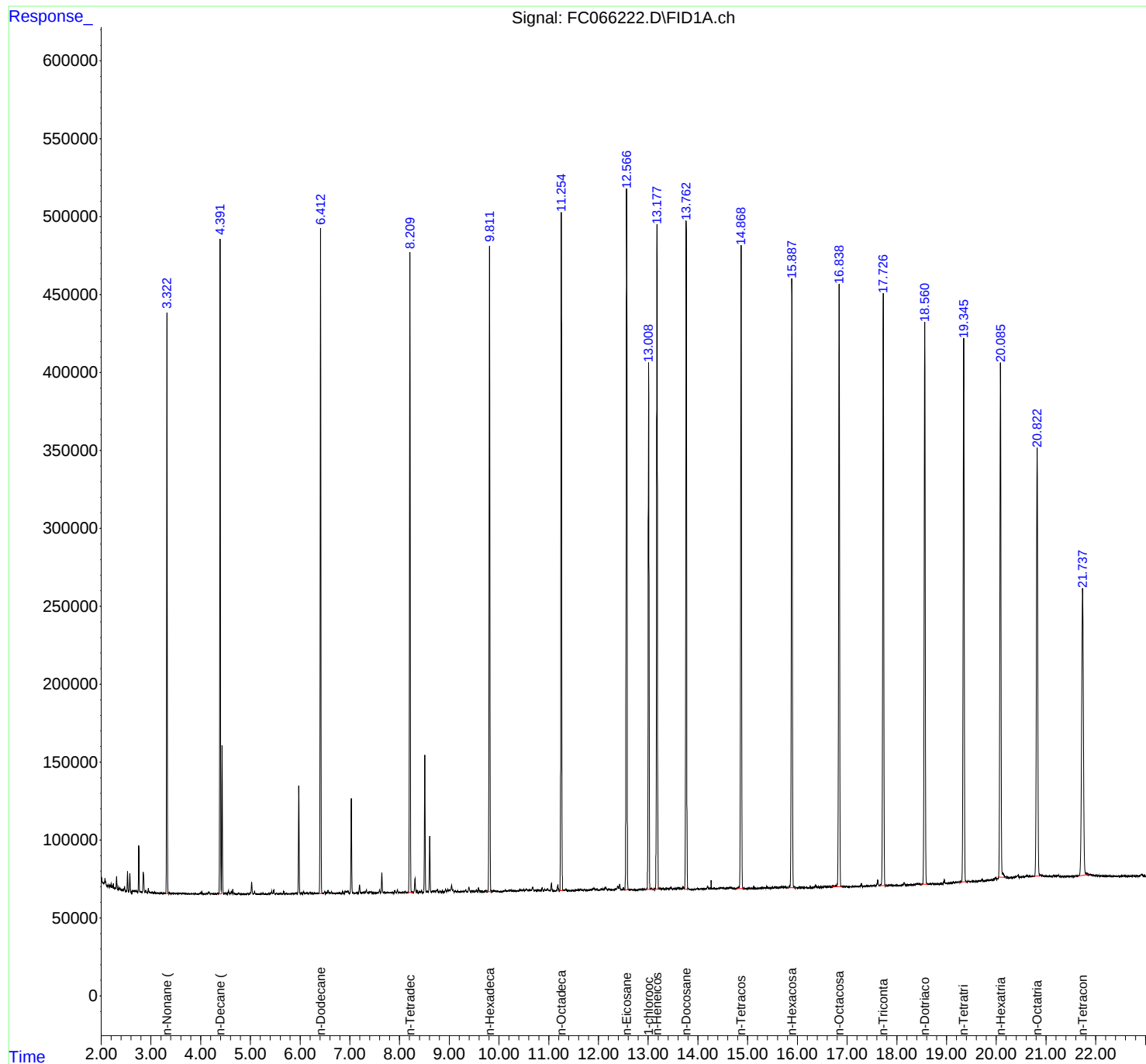
(m)=manual int.

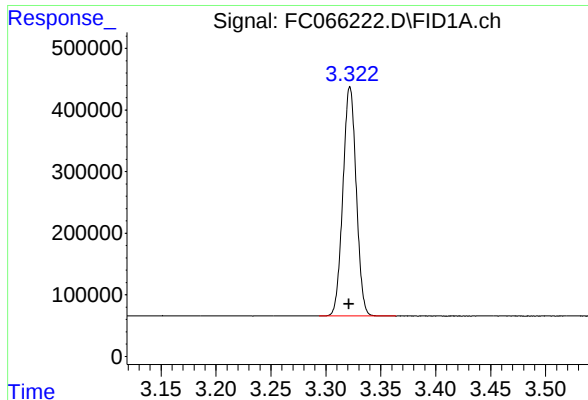
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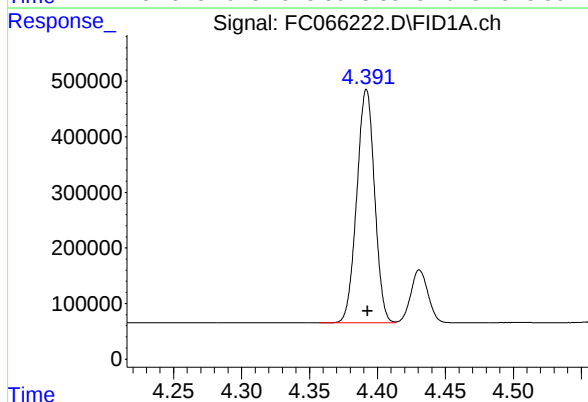




#1 n-Nonane (C9)

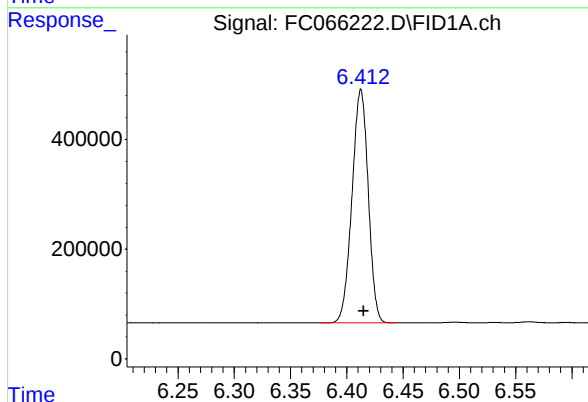
R.T.: 3.322 min
Delta R.T.: 0.001 min
Response: 3139270
Conc: 24.39 ug/ml

Instrument :
FID_C
ClientSampleId :
PB160356BSD



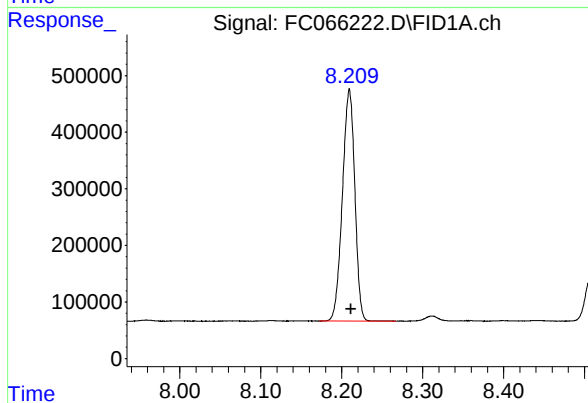
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 3833484
Conc: 29.40 ug/ml



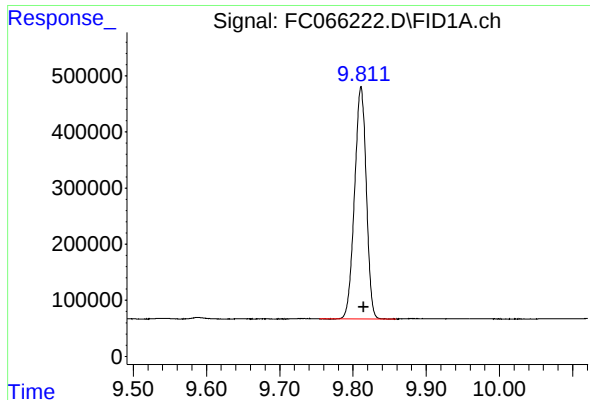
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 4272824
Conc: 33.00 ug/ml



#6 n-Tetradecane (C14)

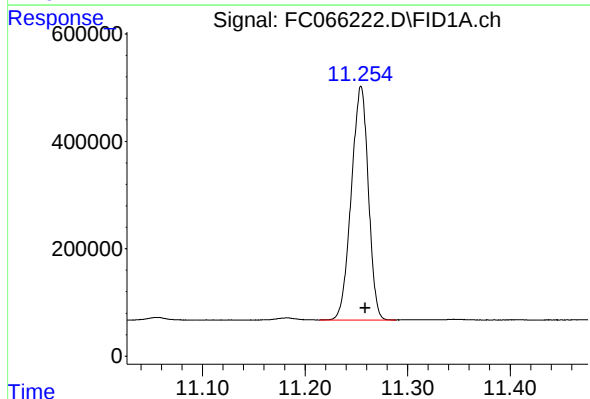
R.T.: 8.209 min
Delta R.T.: -0.002 min
Response: 4360517
Conc: 34.64 ug/ml



#7 n-Hexadecane (C16)

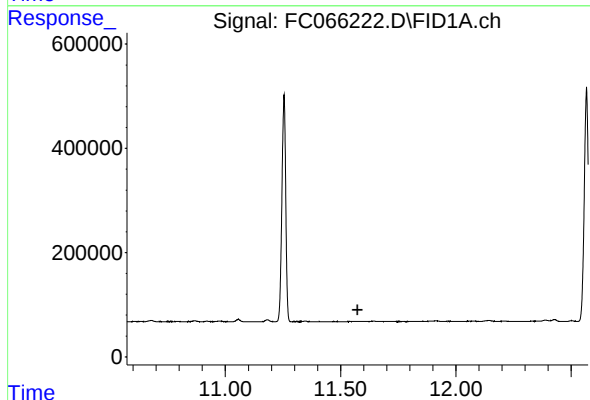
R.T.: 9.811 min
Delta R.T.: -0.004 min
Response: 4606460
Conc: 36.16 ug/ml

Instrument :
FID_C
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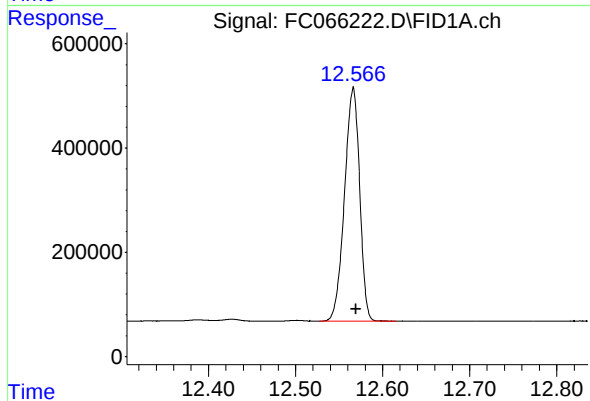
#8 n-Octadecane (C18)

R.T.: 11.254 min
Delta R.T.: -0.004 min
Response: 5020715
Conc: 39.44 ug/ml



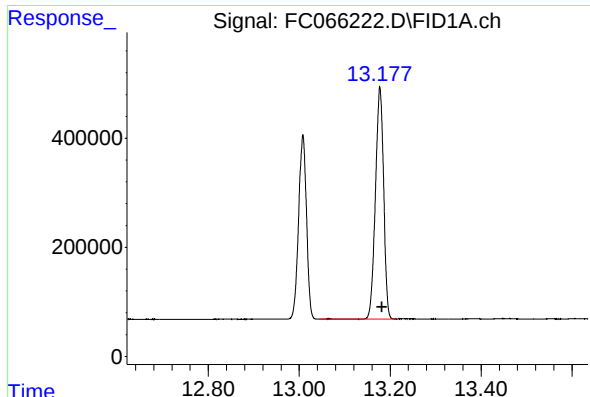
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.573 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

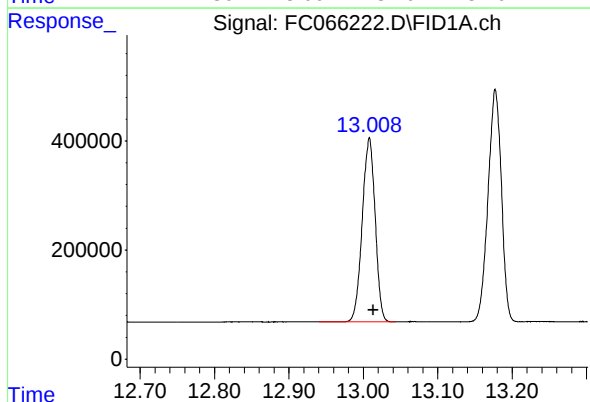
R.T.: 12.566 min
Delta R.T.: -0.003 min
Response: 5410891
Conc: 44.90 ug/ml



#11 n-Heneicosane (C21)

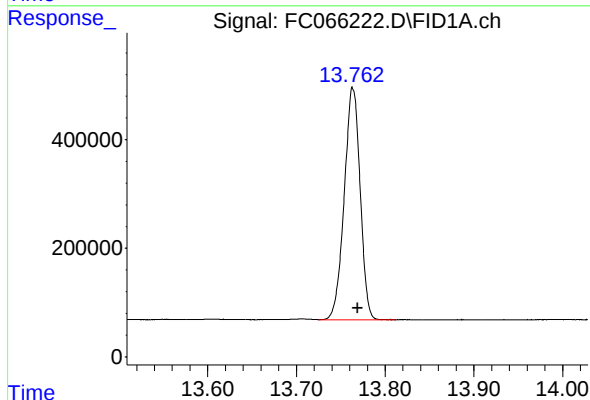
R.T.: 13.177 min
Delta R.T.: -0.005 min
Response: 5316227
Conc: 44.93 ug/ml

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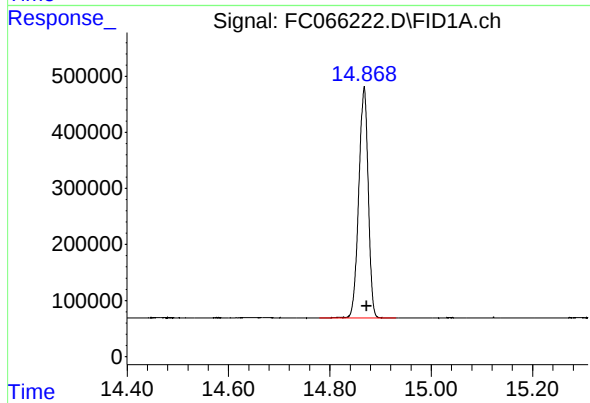
#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: -0.005 min
Response: 4064909
Conc: 41.43 ug/ml



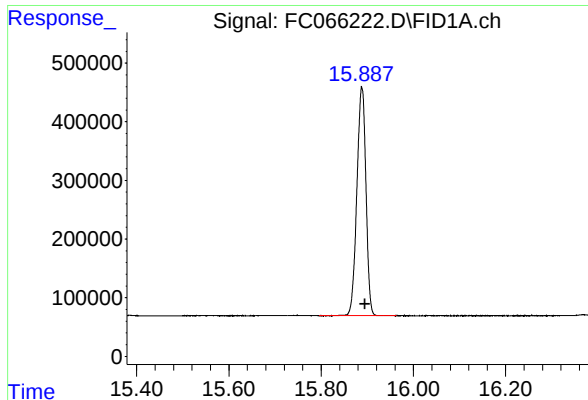
#13 n-Docosane (C22)

R.T.: 13.764 min
Delta R.T.: -0.006 min
Response: 5326103
Conc: 45.37 ug/ml



#14 n-Tetracosane (C24)

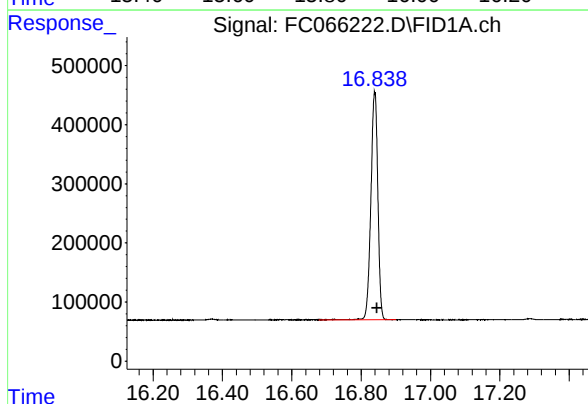
R.T.: 14.867 min
Delta R.T.: -0.006 min
Response: 5338711
Conc: 45.76 ug/ml



#15 n-Hexacosane (C26)

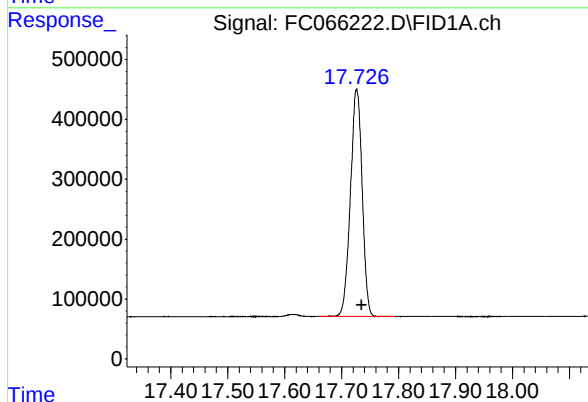
R.T.: 15.888 min
Delta R.T.: -0.007 min
Response: 5330184
Conc: 46.37 ug/ml

Instrument :
FID_C
ClientSampleId :
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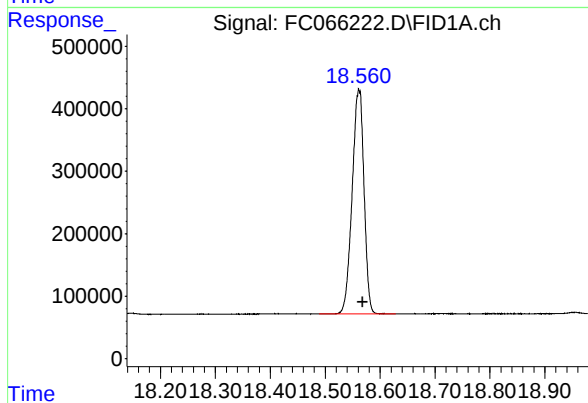
#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.006 min
Response: 5361926
Conc: 47.31 ug/ml



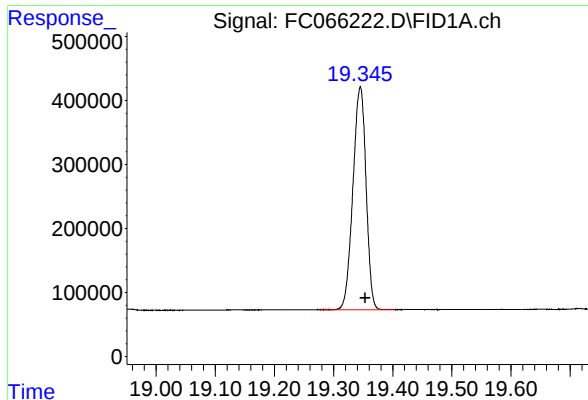
#17 n-Tricontane (C30)

R.T.: 17.726 min
Delta R.T.: -0.008 min
Response: 5441121
Conc: 46.97 ug/ml



#18 n-Dotriacontane (C32)

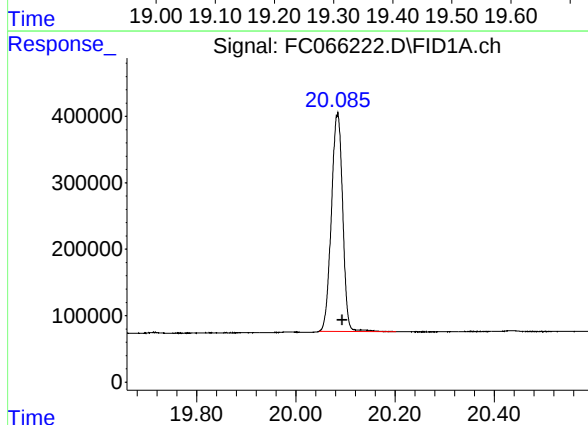
R.T.: 18.561 min
Delta R.T.: -0.007 min
Response: 5394264
Conc: 46.98 ug/ml



#19 n-Tetratriacontane (C34)

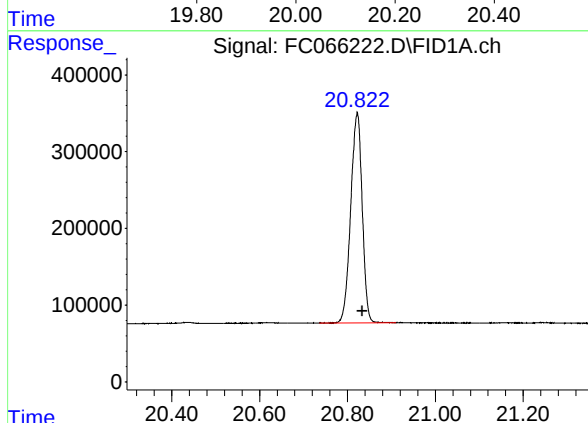
R.T.: 19.345 min
Delta R.T.: -0.009 min
Response: 5373154
Conc: 48.93 ug/ml

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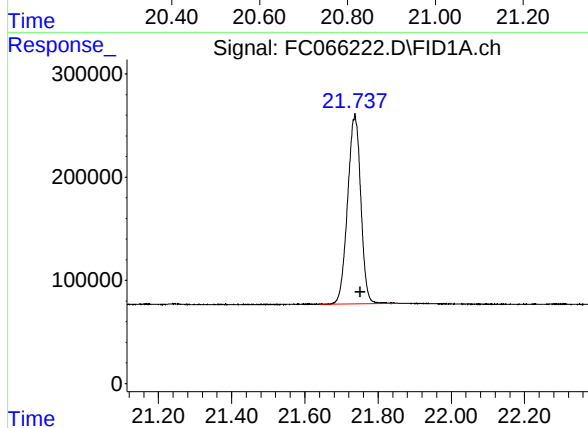
#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.010 min
Response: 5201002
Conc: 50.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.012 min
Response: 4971289
Conc: 51.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.736 min
Delta R.T.: -0.016 min
Response: 4568269
Conc: 50.48 ug/ml