

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080724AL\
 Data File : FC066951.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2024 17:39
 Operator : YP/AJ
 Sample : PB162552BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB162552BSD

Integration File: autoint1.e
 Quant Time: Aug 08 02:11:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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...	12.954	4169297	37.287 ug/ml
Spiked Amount 50.000		Recovery =	74.57%
Target Compounds			
1) T n-Nonane (C9)	3.282	3074144	21.665 ug/ml
2) T n-Decane (C10)	4.348	3933340	26.608 ug/ml
4) T n-Dodecane (C12)	6.366	4516121	30.124 ug/ml
6) T n-Tetradecane (C14)	8.162	5023293	34.333 ug/ml
7) T n-Hexadecane (C16)	9.762	5400801	36.085 ug/ml
8) T n-Octadecane (C18)	11.203	5642906	38.026 ug/ml
10) T n-Eicosane (C20)	12.512	5789777	41.538 ug/ml
11) T n-Heneicosane (C21)	13.124	5619275	41.255 ug/ml
13) T n-Docosane (C22)	13.710	5557384	41.374 ug/ml
14) T n-Tetracosane (C24)	14.812	5422134	40.764 ug/ml
15) T n-Hexacosane (C26)	15.832	5263794	40.454 ug/ml
16) T n-Octacosane (C28)	16.780	5110802	40.512 ug/ml
17) T n-Tricontane (C30)	17.668	5105217	39.700 ug/ml
18) T n-Dotriacontane (C32)	18.499	5082499	40.371 ug/ml
19) T n-Tetratriacontane (C34)	19.283	4999419	40.411 ug/ml
20) T n-Hexatriacontane (C36)	20.023	4779968	41.092 ug/ml
21) T n-Octatriacontane (C38)	20.750	4797612	43.180 ug/ml
22) T n-Tetracontane (C40)	21.646	4533165	41.698 ug/ml

(f)=RT Delta > 1/2 Window

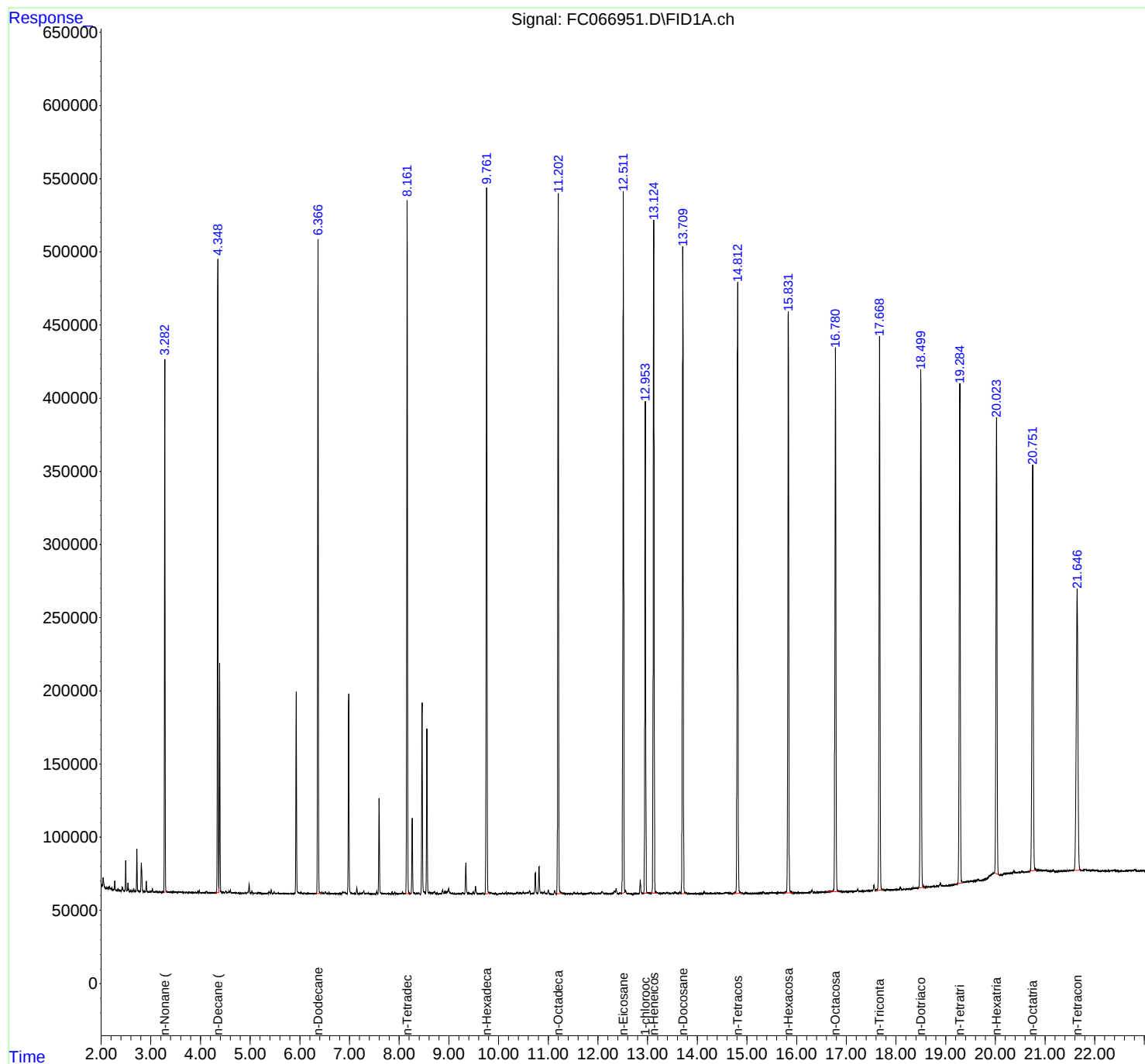
(m)=manual int.

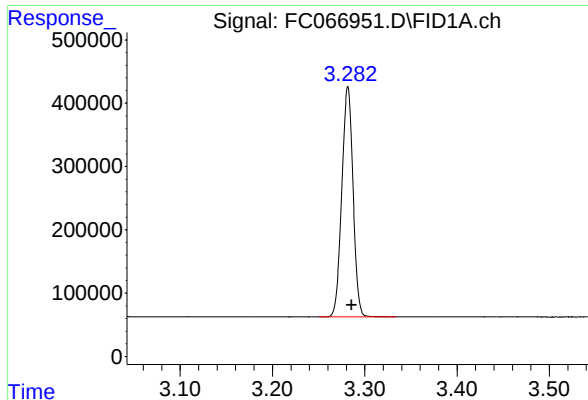
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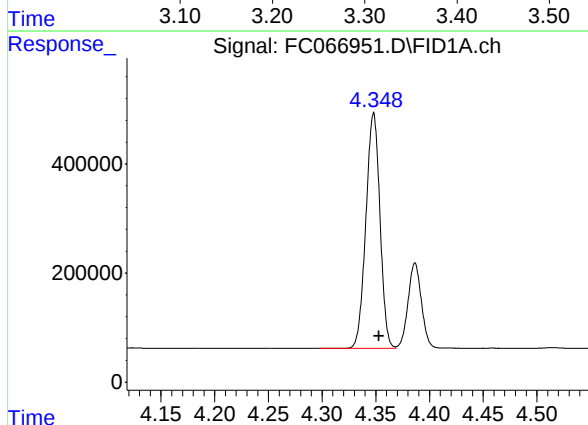




#1 n-Nonane (C9)

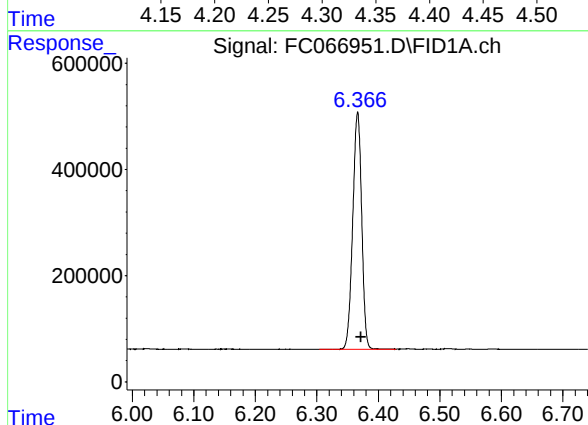
R.T.: 3.282 min
Delta R.T.: -0.004 min
Response: 3074144
Conc: 21.67 ug/ml

Instrument :
FID_C
ClientSampleId :
PB162552BSD



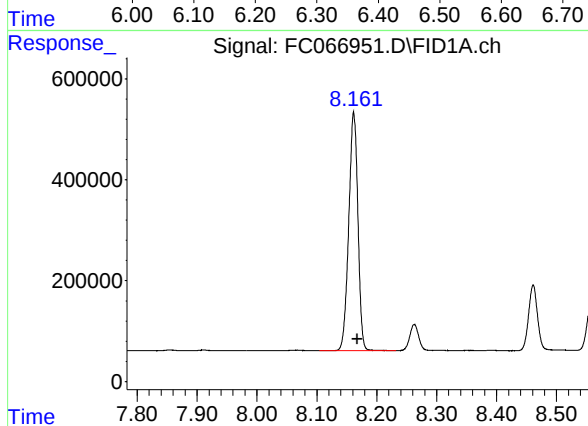
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 3933340
Conc: 26.61 ug/ml



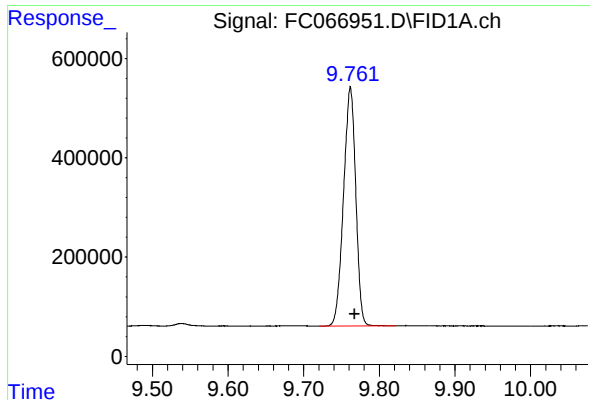
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.006 min
Response: 4516121
Conc: 30.12 ug/ml



#6 n-Tetradecane (C14)

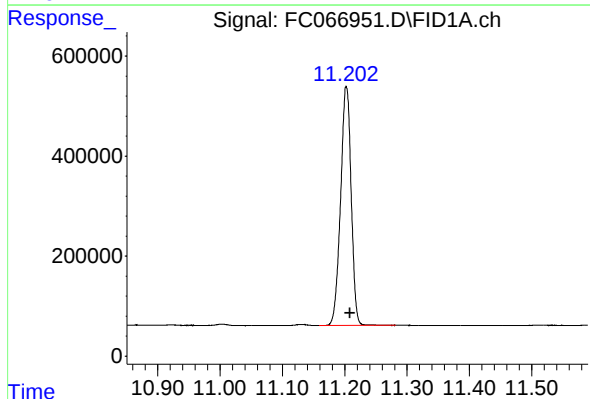
R.T.: 8.162 min
Delta R.T.: -0.006 min
Response: 5023293
Conc: 34.33 ug/ml



#7 n-Hexadecane (C16)

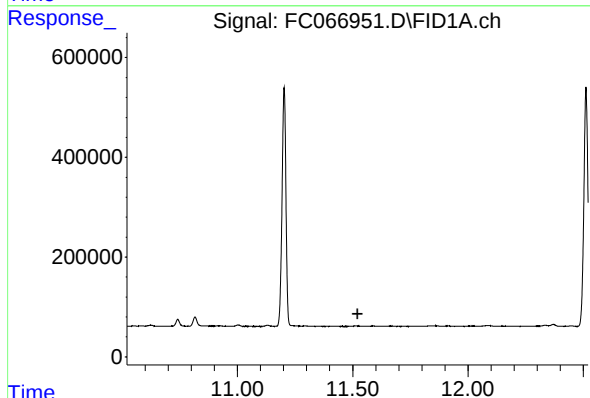
R.T.: 9.762 min
Delta R.T.: -0.006 min
Response: 5400801
Conc: 36.09 ug/ml

Instrument :
FID_C
ClientSampleId :
PB162552BSD



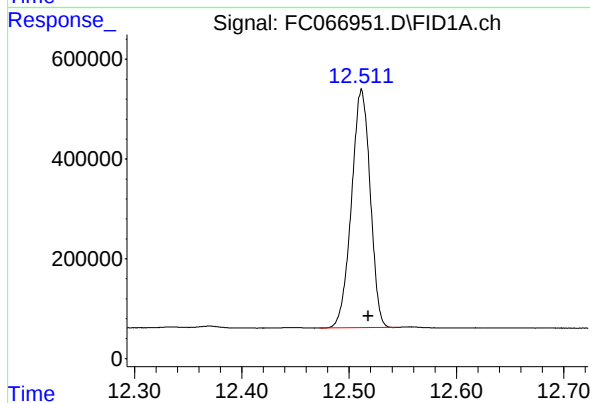
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 5642906
Conc: 38.03 ug/ml



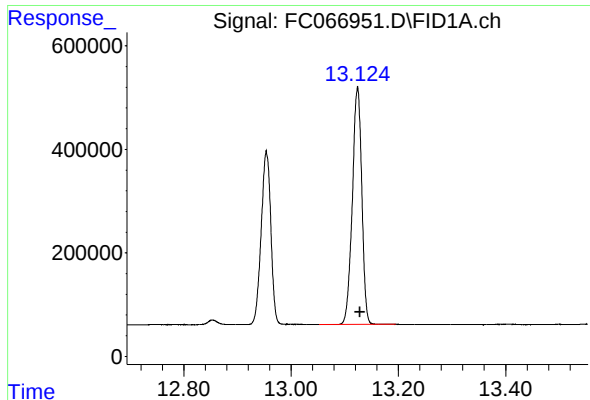
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

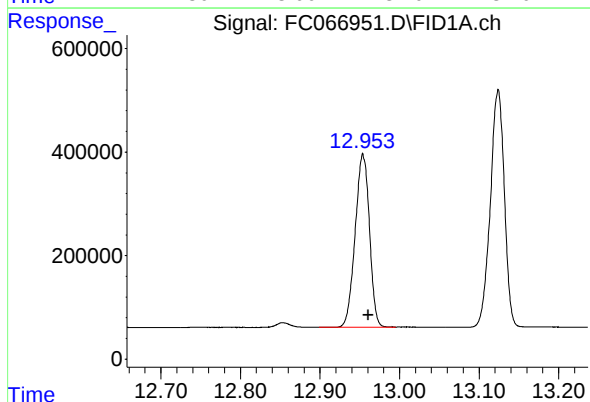
R.T.: 12.512 min
Delta R.T.: -0.006 min
Response: 5789777
Conc: 41.54 ug/ml



#11 n-Heneicosane (C21)

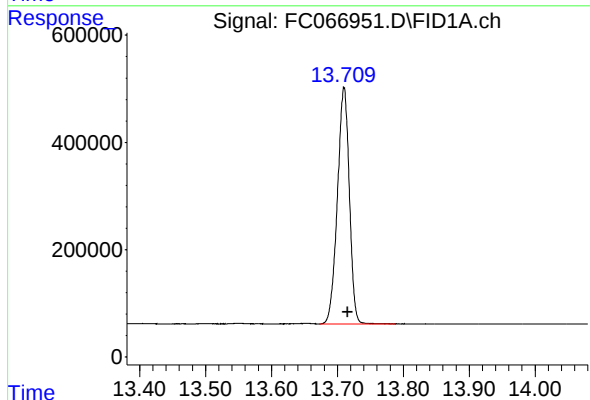
R.T.: 13.124 min
Delta R.T.: -0.005 min
Response: 5619275
Conc: 41.25 ug/ml

Instrument :
FID_C
ClientSampleId :
PB162552BSD



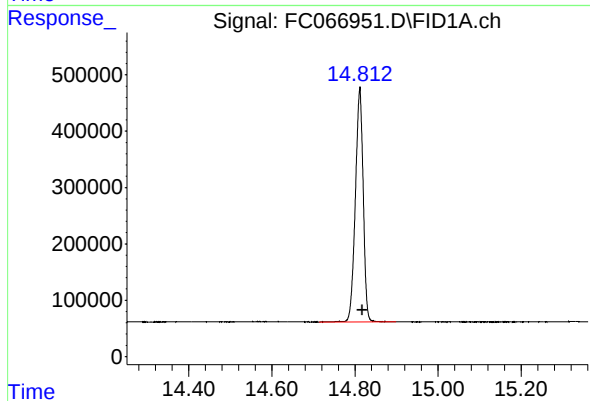
#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: -0.007 min
Response: 4169297
Conc: 37.29 ug/ml



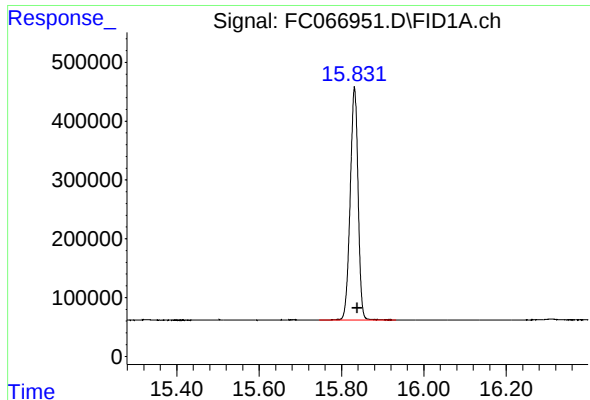
#13 n-Docosane (C22)

R.T.: 13.710 min
Delta R.T.: -0.005 min
Response: 5557384
Conc: 41.37 ug/ml



#14 n-Tetracosane (C24)

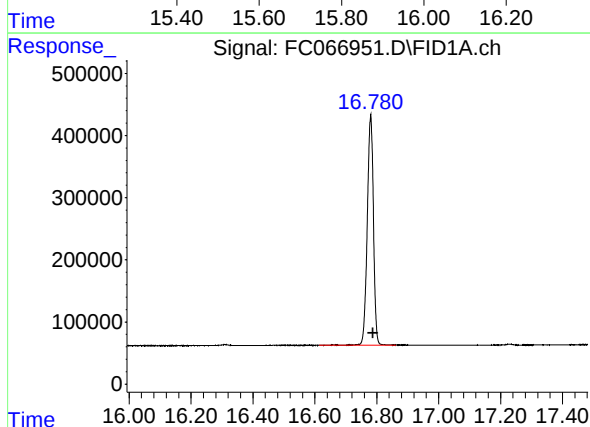
R.T.: 14.812 min
Delta R.T.: -0.006 min
Response: 5422134
Conc: 40.76 ug/ml



#15 n-Hexacosane (C26)

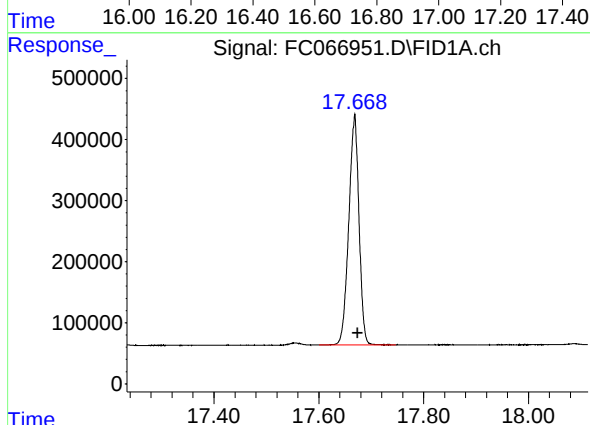
R.T.: 15.832 min
Delta R.T.: -0.007 min
Response: 5263794
Conc: 40.45 ug/ml

Instrument :
FID_C
ClientSampleId :
PB162552BSD



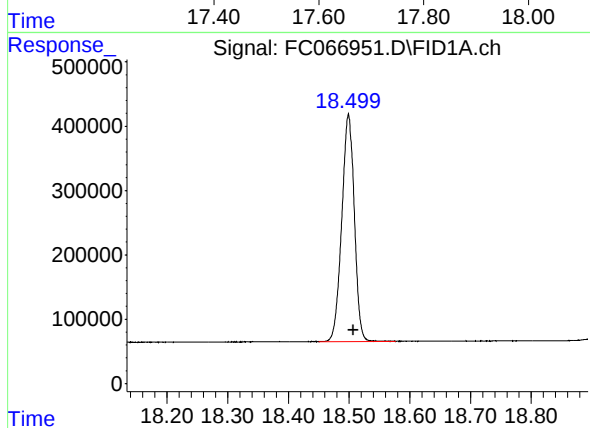
#16 n-Octacosane (C28)

R.T.: 16.780 min
Delta R.T.: -0.007 min
Response: 5110802
Conc: 40.51 ug/ml



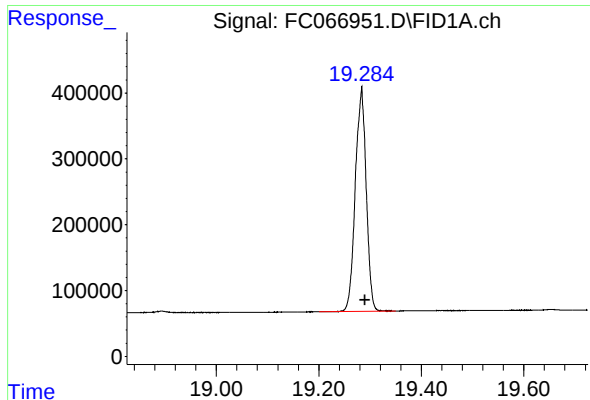
#17 n-Tricontane (C30)

R.T.: 17.668 min
Delta R.T.: -0.006 min
Response: 5105217
Conc: 39.70 ug/ml



#18 n-Dotriacontane (C32)

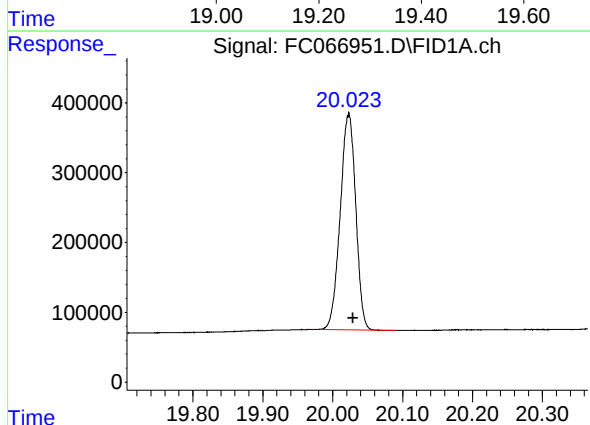
R.T.: 18.499 min
Delta R.T.: -0.008 min
Response: 5082499
Conc: 40.37 ug/ml



#19 n-Tetratriacontane (C34)

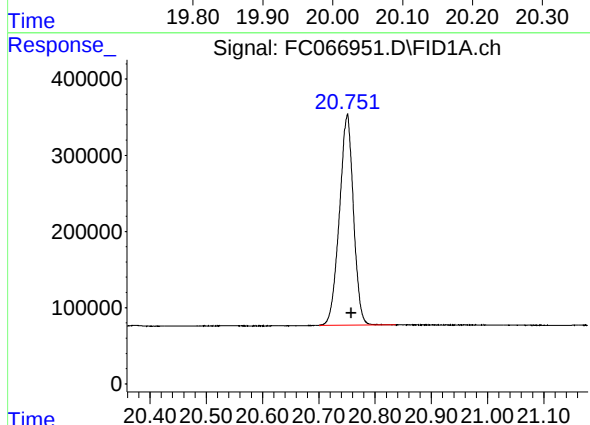
R.T.: 19.283 min
Delta R.T.: -0.007 min
Response: 4999419
Conc: 40.41 ug/ml

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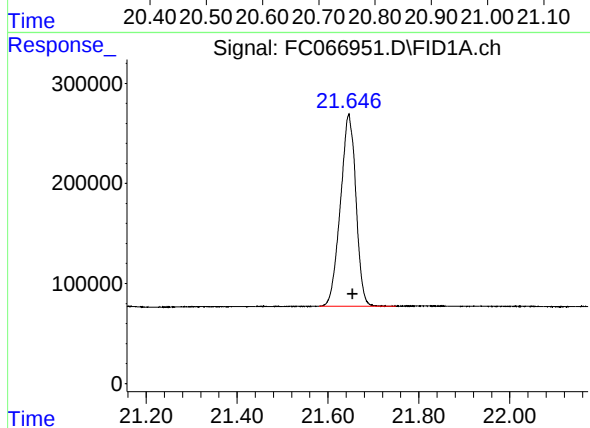
#20 n-Hexatriacontane (C36)

R.T.: 20.023 min
Delta R.T.: -0.006 min
Response: 4779968
Conc: 41.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.750 min
Delta R.T.: -0.008 min
Response: 4797612
Conc: 43.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: -0.009 min
Response: 4533165
Conc: 41.70 ug/ml