

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064321.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2023 21:14
 Operator : YP/AJ
 Sample : PB154616BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB154616BSD

Integration File: autoint1.e
 Quant Time: Aug 04 03:43:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:54:49 2023
 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...	12.950	5108526	40.508 ug/ml
Spiked Amount 50.000		Recovery =	81.02%
Target Compounds			
1) T n-Nonane (C9)	3.306	2855946	17.601 ug/ml
2) T n-Decane (C10)	4.366	3383816	20.694 ug/ml
4) T n-Dodecane (C12)	6.379	3798476	23.267 ug/ml
6) T n-Tetradecane (C14)	8.169	4636257	29.529 ug/ml
7) T n-Hexadecane (C16)	9.766	5950149	37.842 ug/ml
8) T n-Octadecane (C18)	11.203	6903117	43.570 ug/ml
10) T n-Eicosane (C20)	12.509	7220759	48.383 ug/ml
11) T n-Heneicosane (C21)	13.119	7022761	48.117 ug/ml
13) T n-Docosane (C22)	13.703	6944288	48.655 ug/ml
14) T n-Tetracosane (C24)	14.801	6878748	48.972 ug/ml
15) T n-Hexacosane (C26)	15.817	6690941	48.726 ug/ml
16) T n-Octacosane (C28)	16.765	6627698	49.425 ug/ml
17) T n-Tricontane (C30)	17.648	6597345	47.531 ug/ml
18) T n-Dotriacontane (C32)	18.476	6500740	46.196 ug/ml
19) T n-Tetratriacontane (C34)	19.258	6437054	46.363 ug/ml
20) T n-Hexatriacontane (C36)	19.995	6220525	45.845 ug/ml
21) T n-Octatriacontane (C38)	20.715	6172057	45.505 ug/ml
22) T n-Tetracontane (C40)	21.598	5940757	44.227 ug/ml

(f)=RT Delta > 1/2 Window

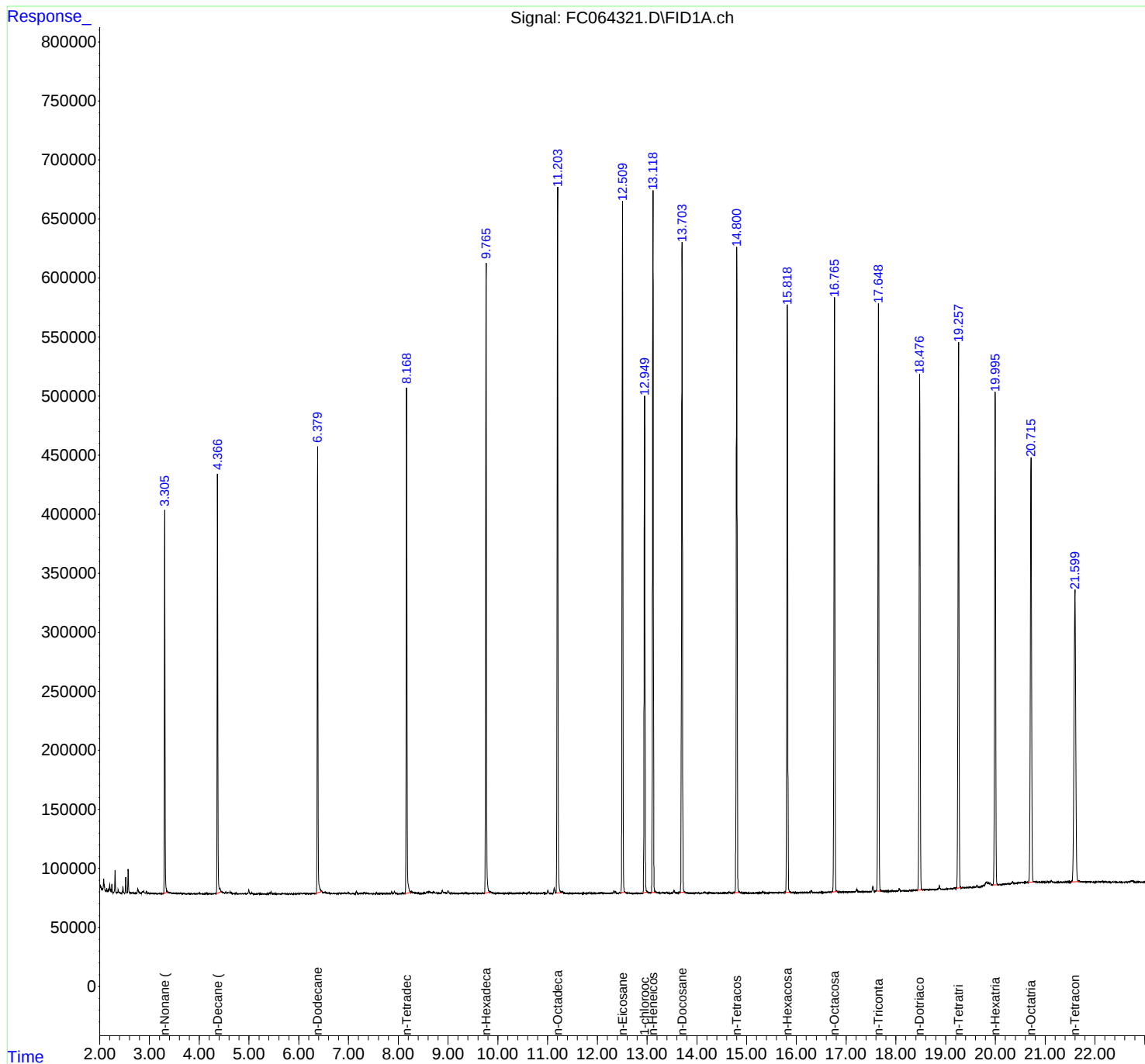
(m)=manual int.

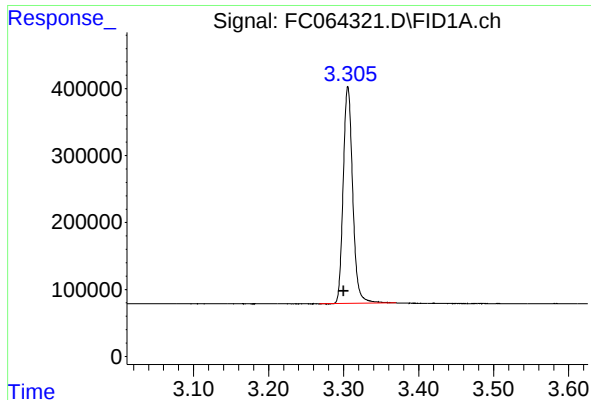
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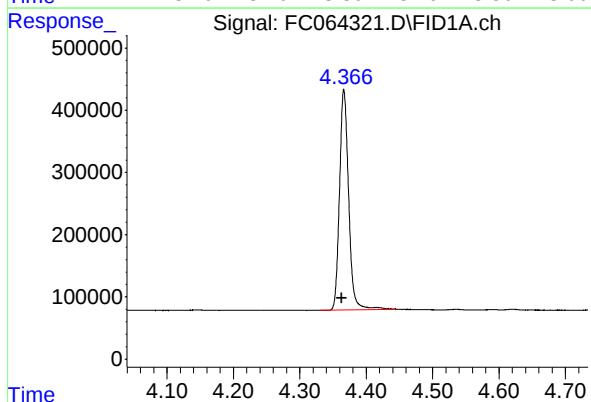




#1 n-Nonane (C9)

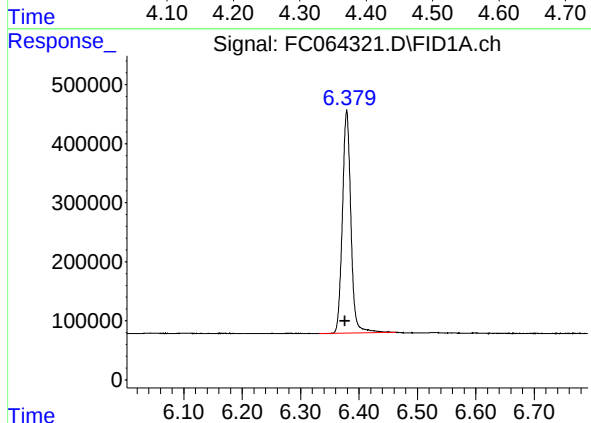
R.T.: 3.306 min
Delta R.T.: 0.006 min
Response: 2855946
Conc: 17.60 ug/ml

Instrument :
FID_C
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PB154616BSD



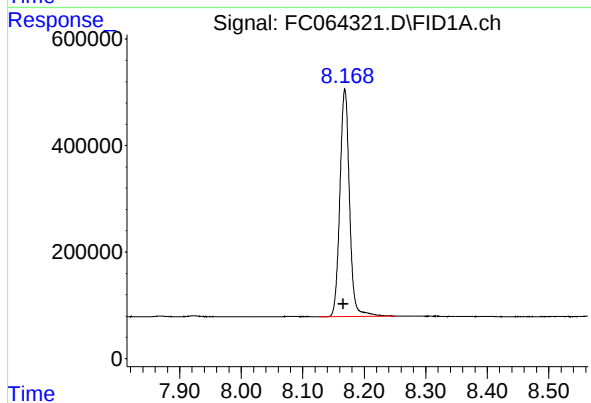
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.004 min
Response: 3383816
Conc: 20.69 ug/ml



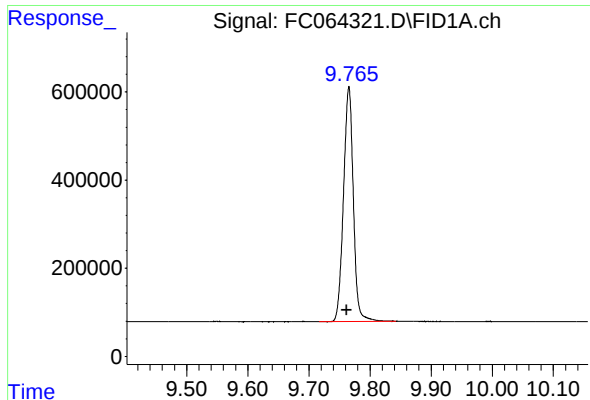
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: 0.003 min
Response: 3798476
Conc: 23.27 ug/ml



#6 n-Tetradecane (C14)

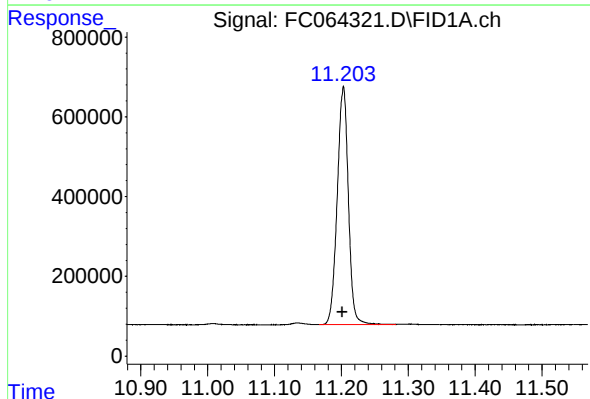
R.T.: 8.169 min
Delta R.T.: 0.003 min
Response: 4636257
Conc: 29.53 ug/ml



#7 n-Hexadecane (C16)

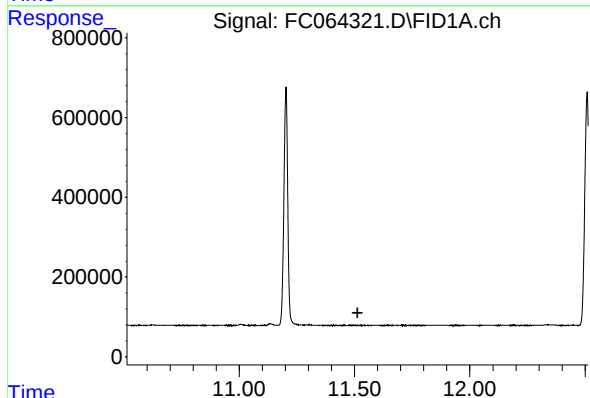
R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 5950149
Conc: 37.84 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154616BSD



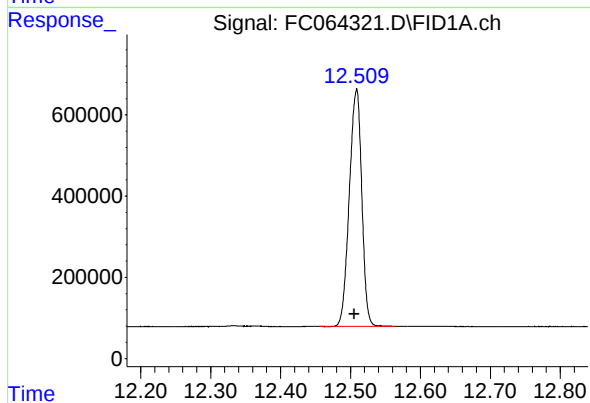
#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: 0.001 min
Response: 6903117
Conc: 43.57 ug/ml



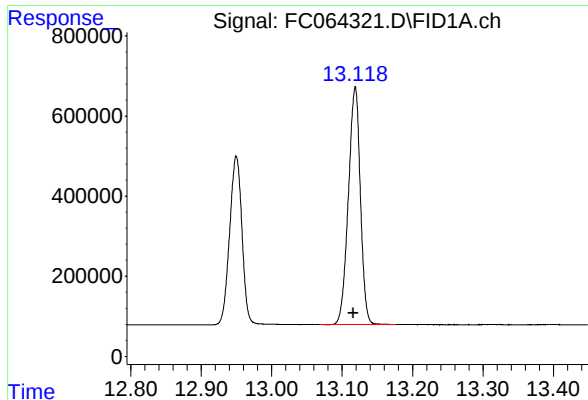
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.513 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

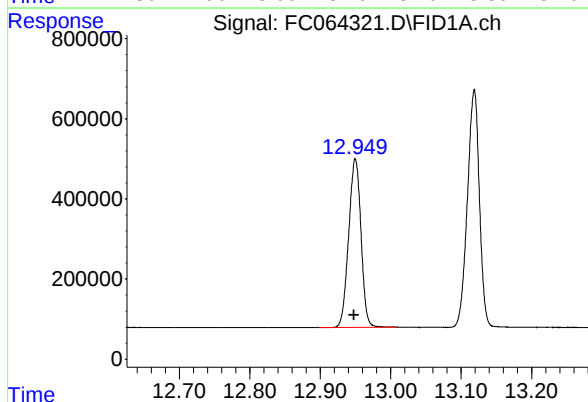
R.T.: 12.509 min
Delta R.T.: 0.003 min
Response: 7220759
Conc: 48.38 ug/ml



#11 n-Heneicosane (C21)

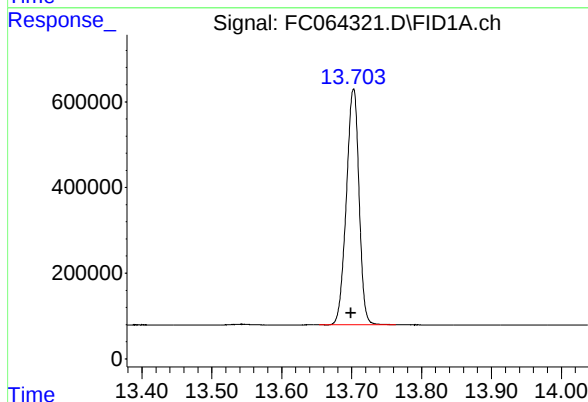
R.T.: 13.119 min
Delta R.T.: 0.003 min
Response: 7022761
Conc: 48.12 ug/ml

Instrument :
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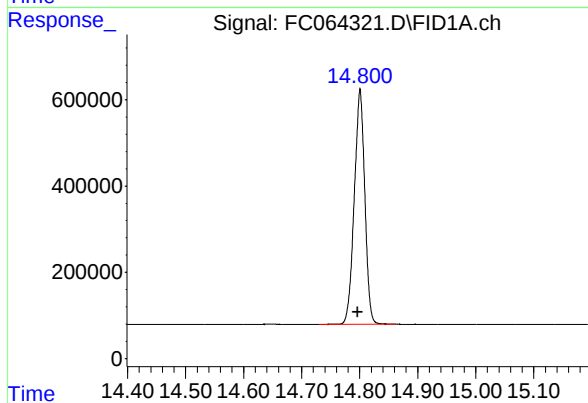
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.002 min
Response: 5108526
Conc: 40.51 ug/ml



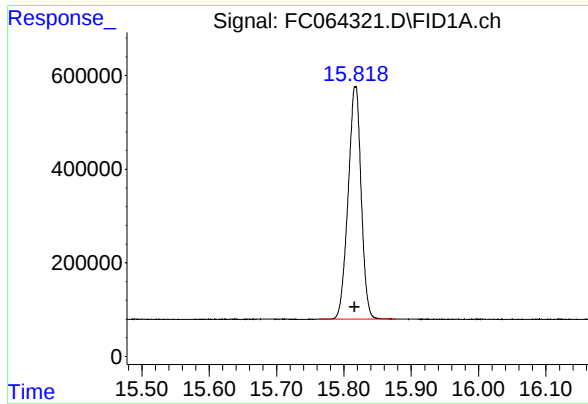
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.003 min
Response: 6944288
Conc: 48.66 ug/ml



#14 n-Tetracosane (C24)

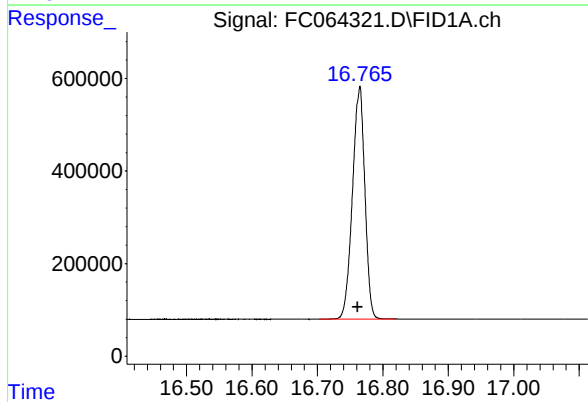
R.T.: 14.801 min
Delta R.T.: 0.004 min
Response: 6878748
Conc: 48.97 ug/ml



#15 n-Hexacosane (C26)

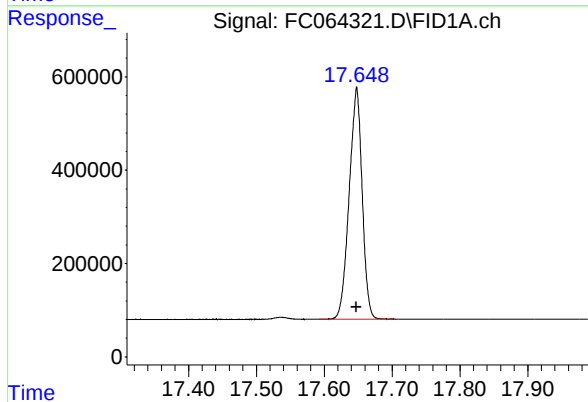
R.T.: 15.817 min
Delta R.T.: 0.001 min
Response: 6690941
Conc: 48.73 ug/ml

Instrument :
FID_C
ClientSampleId :
PB154616BSD



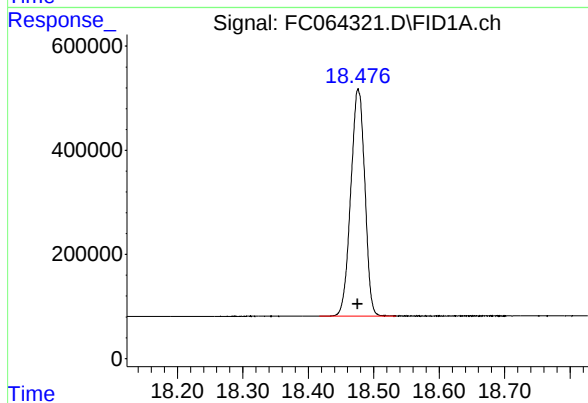
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.003 min
Response: 6627698
Conc: 49.43 ug/ml



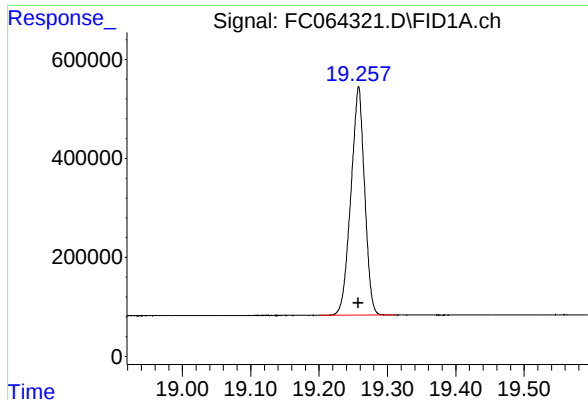
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: 0.000 min
Response: 6597345
Conc: 47.53 ug/ml



#18 n-Dotriacontane (C32)

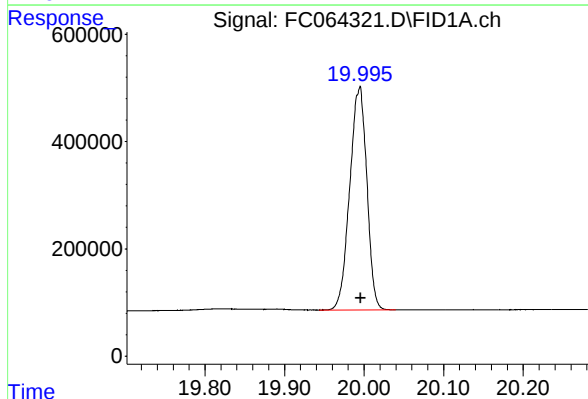
R.T.: 18.476 min
Delta R.T.: 0.001 min
Response: 6500740
Conc: 46.20 ug/ml



#19 n-Tetratriacontane (C34)

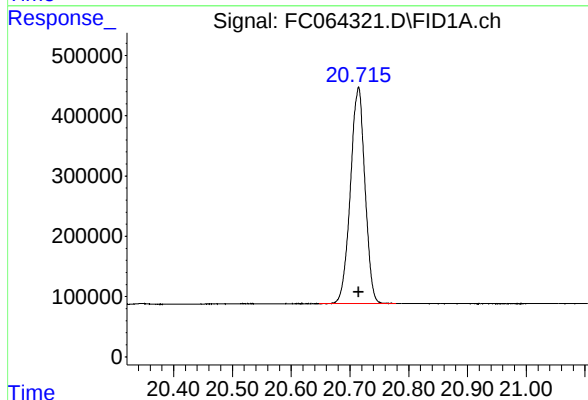
R.T.: 19.258 min
Delta R.T.: 0.000 min
Response: 6437054
Conc: 46.36 ug/ml

Instrument :
FID_C
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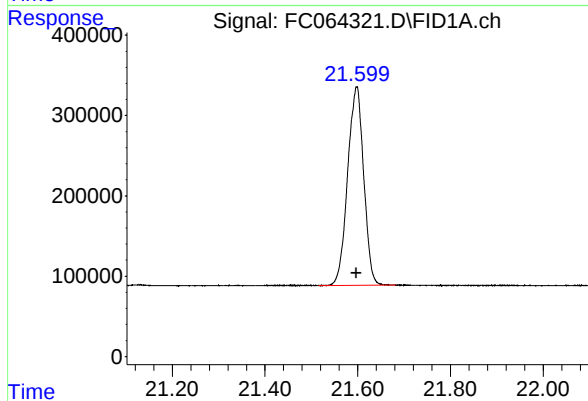
#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: -0.001 min
Response: 6220525
Conc: 45.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 6172057
Conc: 45.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.598 min
Delta R.T.: 0.001 min
Response: 5940757
Conc: 44.23 ug/ml