

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080323AL\
 Data File : FC064315.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2023 16:57
 Operator : YP/AJ
 Sample : 03756-20MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 307/308-TP-6-8-CS3MS

Integration File: autoint1.e
 Quant Time: Aug 04 03:39:42 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...	12.951	6330880	50.201 ug/ml
Spiked Amount 50.000		Recovery =	100.40%
Target Compounds			
1) T n-Nonane (C9)	3.308	4884181	30.101 ug/ml
2) T n-Decane (C10)	4.369	6045106	36.968 ug/ml
4) T n-Dodecane (C12)	6.381	7212035	44.177 ug/ml
6) T n-Tetradecane (C14)	8.171	7688005	48.966 ug/ml
7) T n-Hexadecane (C16)	9.767	7782857	49.498 ug/ml
8) T n-Octadecane (C18)	11.204	7891233	49.806 ug/ml
10) T n-Eicosane (C20)	12.510	7790725	52.202 ug/ml
11) T n-Heneicosane (C21)	13.120	7460160	51.114 ug/ml
13) T n-Docosane (C22)	13.704	7377542	51.691 ug/ml
14) T n-Tetracosane (C24)	14.802	7276236	51.802 ug/ml
15) T n-Hexacosane (C26)	15.819	7056716	51.389 ug/ml
16) T n-Octacosane (C28)	16.764	7005738	52.244 ug/ml
17) T n-Tricontane (C30)	17.647	6980849	50.294 ug/ml
18) T n-Dotriacontane (C32)	18.478	6844272	48.637 ug/ml
19) T n-Tetratriacontane (C34)	19.257	6675245	48.078 ug/ml
20) T n-Hexatriacontane (C36)	19.994	6244693	46.023 ug/ml
21) T n-Octatriacontane (C38)	20.714	5991645	44.175 ug/ml
22) T n-Tetracontane (C40)	21.597	5625529	41.880 ug/ml

(f)=RT Delta > 1/2 Window

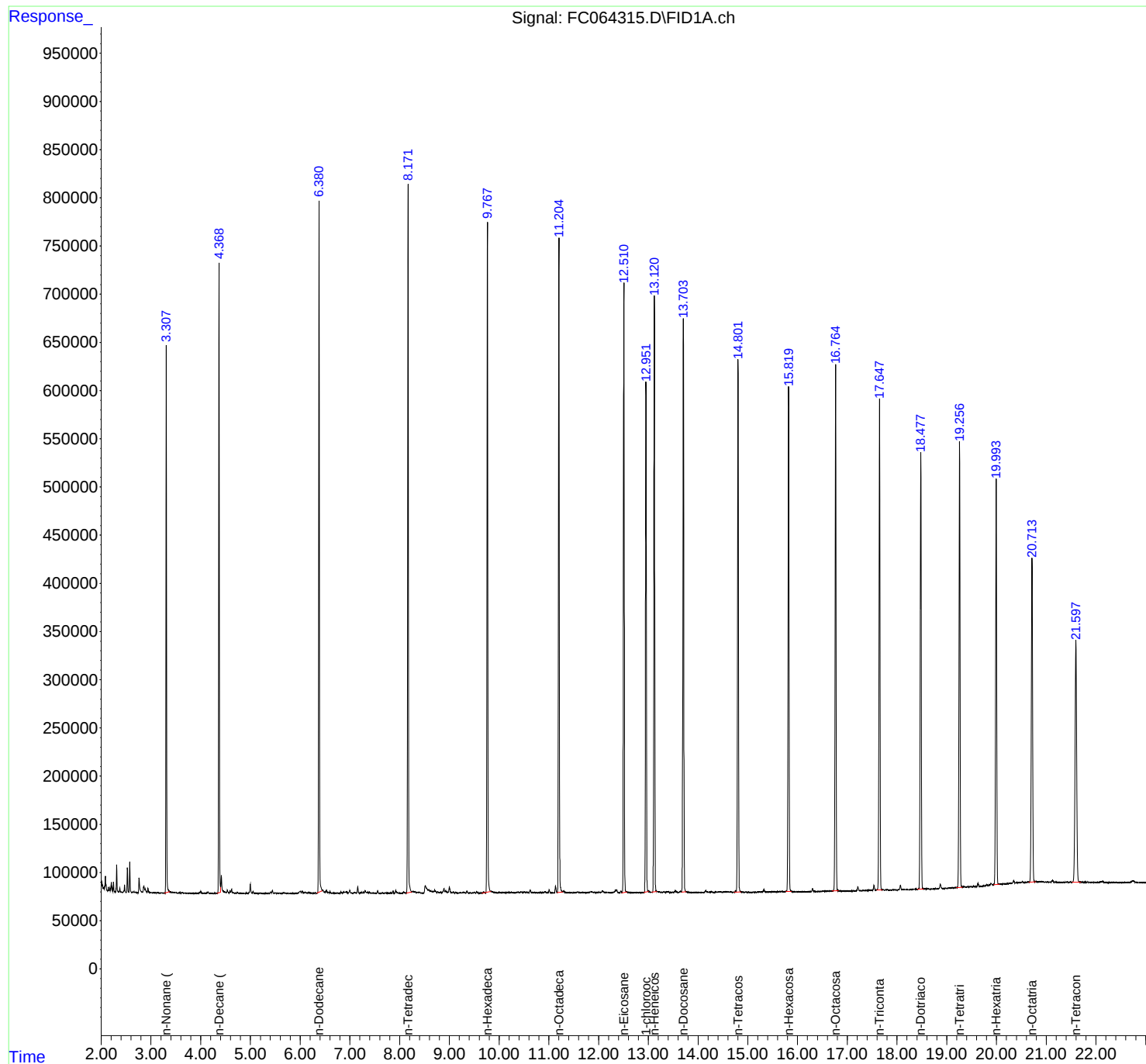
(m)=manual int.

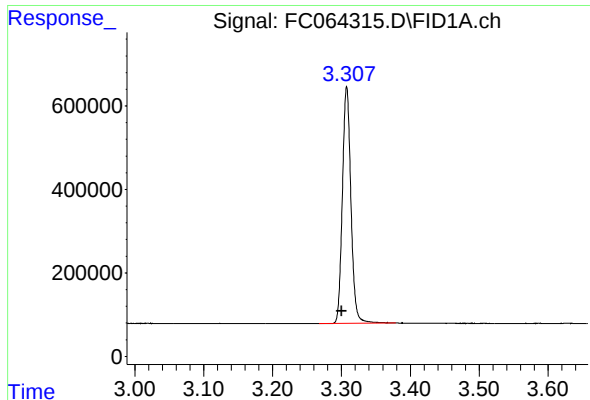
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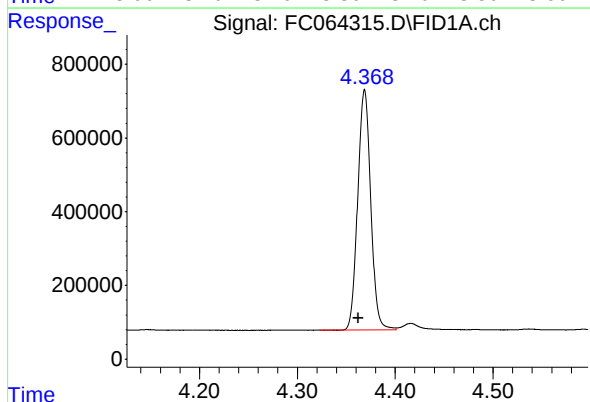




#1 n-Nonane (C9)

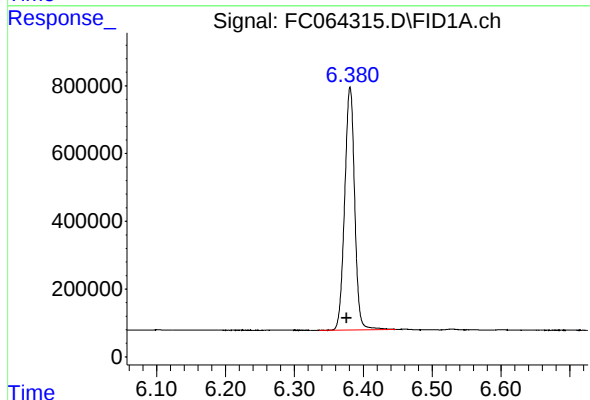
R.T.: 3.308 min
Delta R.T.: 0.008 min
Response: 4884181
Conc: 30.10 ug/ml

Instrument :
FID_C
ClientSampleId :
307/308-TP-6-8-CS3MS



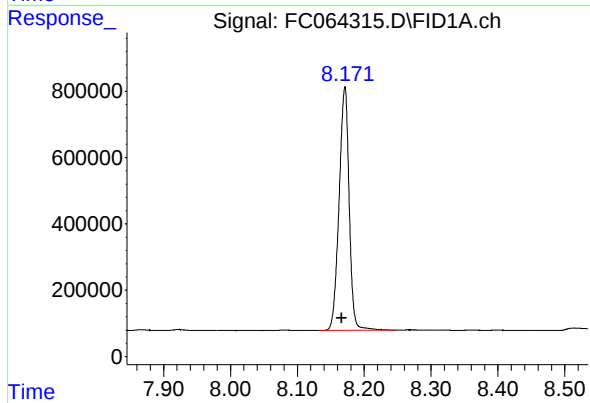
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.006 min
Response: 6045106
Conc: 36.97 ug/ml



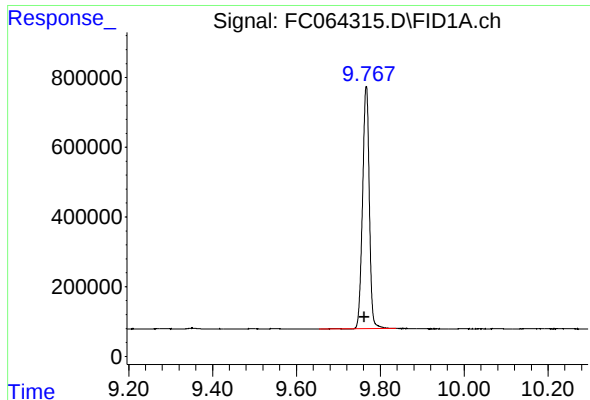
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: 0.005 min
Response: 7212035
Conc: 44.18 ug/ml



#6 n-Tetradecane (C14)

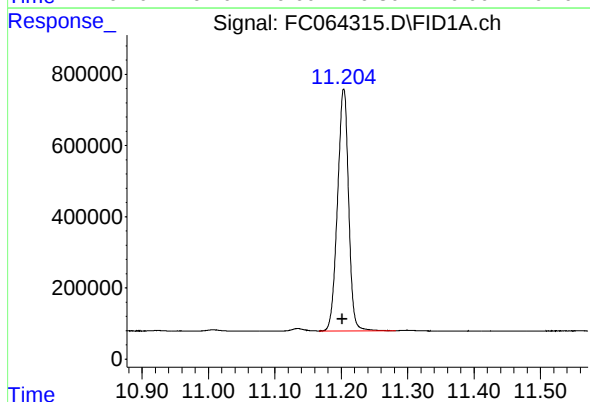
R.T.: 8.171 min
Delta R.T.: 0.005 min
Response: 7688005
Conc: 48.97 ug/ml



#7 n-Hexadecane (C16)

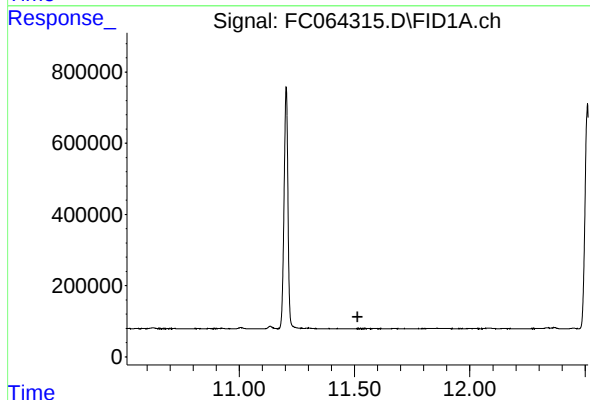
R.T.: 9.767 min
Delta R.T.: 0.005 min
Response: 7782857
Conc: 49.50 ug/ml

Instrument :
FID_C
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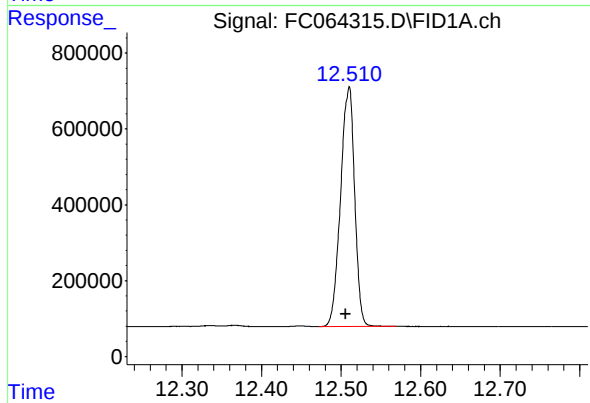
#8 n-Octadecane (C18)

R.T.: 11.204 min
Delta R.T.: 0.002 min
Response: 7891233
Conc: 49.81 ug/ml



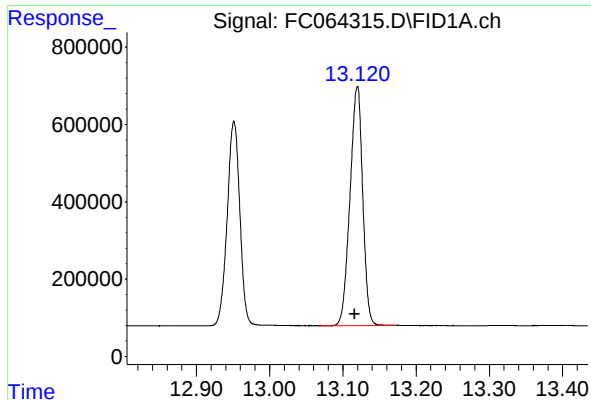
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

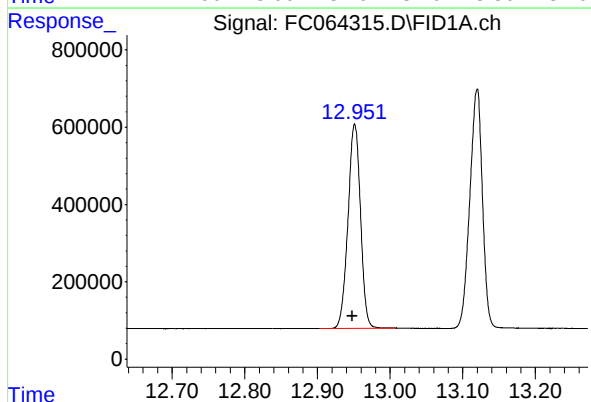
R.T.: 12.510 min
Delta R.T.: 0.005 min
Response: 7790725
Conc: 52.20 ug/ml



#11 n-Heneicosane (C21)

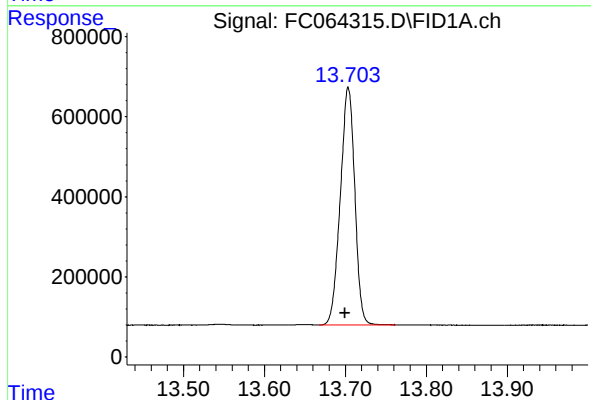
R.T.: 13.120 min
Delta R.T.: 0.004 min
Response: 7460160
Conc: 51.11 ug/ml

Instrument :
FID_C
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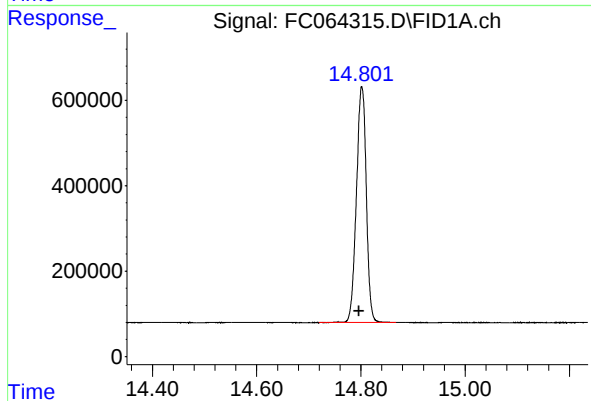
#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.003 min
Response: 6330880
Conc: 50.20 ug/ml



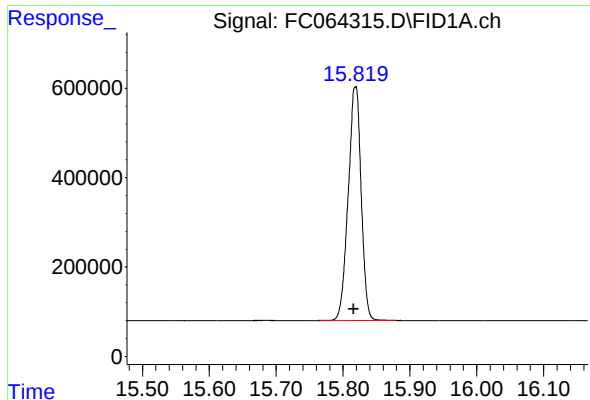
#13 n-Docosane (C22)

R.T.: 13.704 min
Delta R.T.: 0.004 min
Response: 7377542
Conc: 51.69 ug/ml



#14 n-Tetracosane (C24)

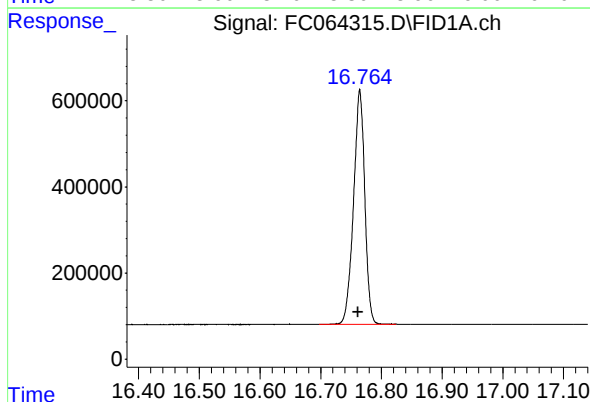
R.T.: 14.802 min
Delta R.T.: 0.005 min
Response: 7276236
Conc: 51.80 ug/ml



#15 n-Hexacosane (C26)

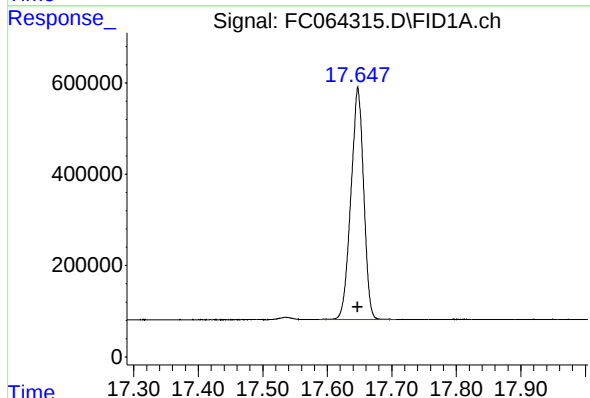
R.T.: 15.819 min
Delta R.T.: 0.003 min
Response: 7056716
Conc: 51.39 ug/ml

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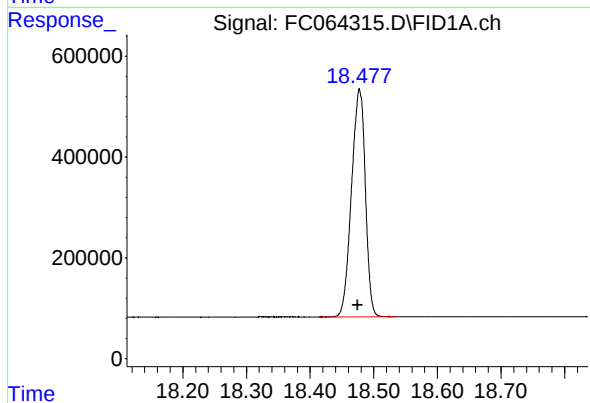
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: 0.003 min
Response: 7005738
Conc: 52.24 ug/ml



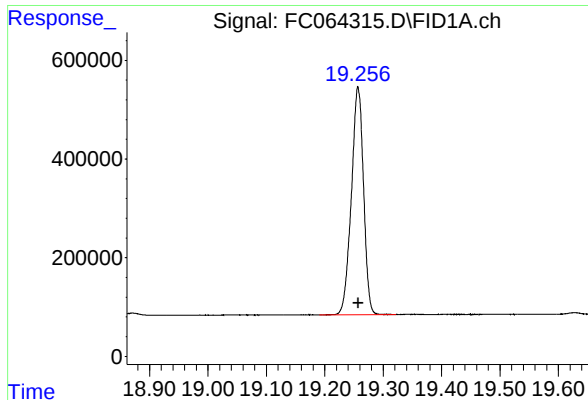
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.000 min
Response: 6980849
Conc: 50.29 ug/ml



#18 n-Dotriacontane (C32)

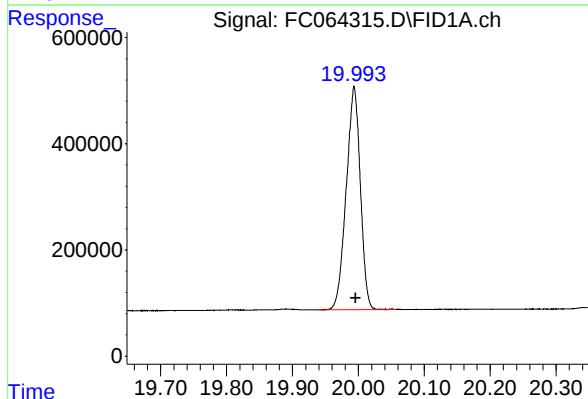
R.T.: 18.478 min
Delta R.T.: 0.002 min
Response: 6844272
Conc: 48.64 ug/ml



#19 n-Tetratriacontane (C34)

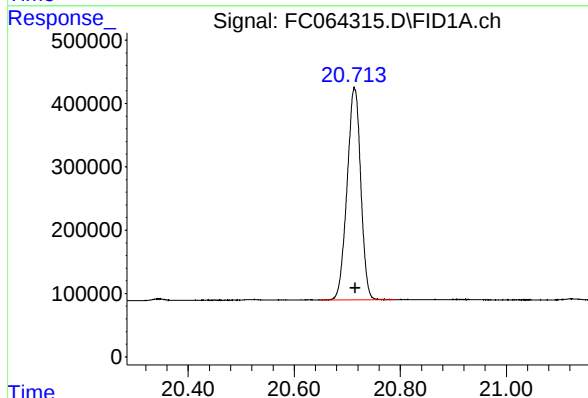
R.T.: 19.257 min
Delta R.T.: 0.000 min
Response: 6675245
Conc: 48.08 ug/ml

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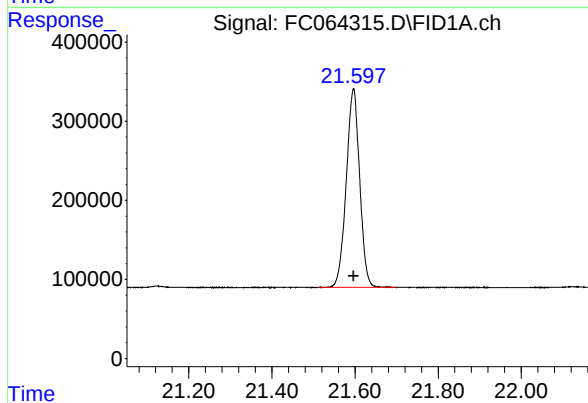
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: -0.002 min
Response: 6244693
Conc: 46.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: -0.001 min
Response: 5991645
Conc: 44.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: 0.000 min
Response: 5625529
Conc: 41.88 ug/ml