

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072323AL\
 Data File : FC064241.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jul 2023 05:37
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 24 01:50:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 24 01:41:11 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			
9) S ortho-Terphenyl (SURR)	11.513	1868687	10.566 ug/ml
Spiked Amount 50.000		Recovery =	21.13%
12) S 1-chlorooctadecane (S...	12.947	1314449	10.442 ug/ml
Spiked Amount 50.000		Recovery =	20.88%
Target Compounds			
1) T n-Nonane (C9)	3.300	1710367	10.601 ug/ml
2) T n-Decane (C10)	4.362	1718858	10.541 ug/ml
3) T A~Naphthalene (C11.7)	5.945	1653809	9.906 ug/ml
4) T n-Dodecane (C12)	6.375	1717992	10.545 ug/ml
5) T A~2-methylnaphthalene...	7.000	1543184	9.770 ug/ml
6) T n-Tetradecane (C14)	8.166	1645107	10.475 ug/ml
7) T n-Hexadecane (C16)	9.762	1641489	10.422 ug/ml
8) T n-Octadecane (C18)	11.201	1662129	10.563 ug/ml
10) T n-Eicosane (C20)	12.505	1564523	10.576 ug/ml
11) T n-Heneicosane (C21)	13.115	1536101	10.623 ug/ml
13) T n-Docosane (C22)	13.698	1493727	10.539 ug/ml
14) T n-Tetracosane (C24)	14.797	1474168	10.581 ug/ml
15) T n-Hexacosane (C26)	15.816	1447027	10.625 ug/ml
16) T n-Octacosane (C28)	16.762	1406710	10.598 ug/ml
17) T n-Tricontane (C30)	17.646	1455547	10.745 ug/ml
18) T n-Dotriacontane (C32)	18.475	1465912	10.867 ug/ml
19) T n-Tetratriacontane (C34)	19.256	1456107	10.845 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1416320	10.750 ug/ml
21) T n-Octatriacontane (C38)	20.714	1428913	10.776 ug/ml
22) T n-Tetracontane (C40)	21.595	1421362	10.808 ug/ml

(f)=RT Delta > 1/2 Window

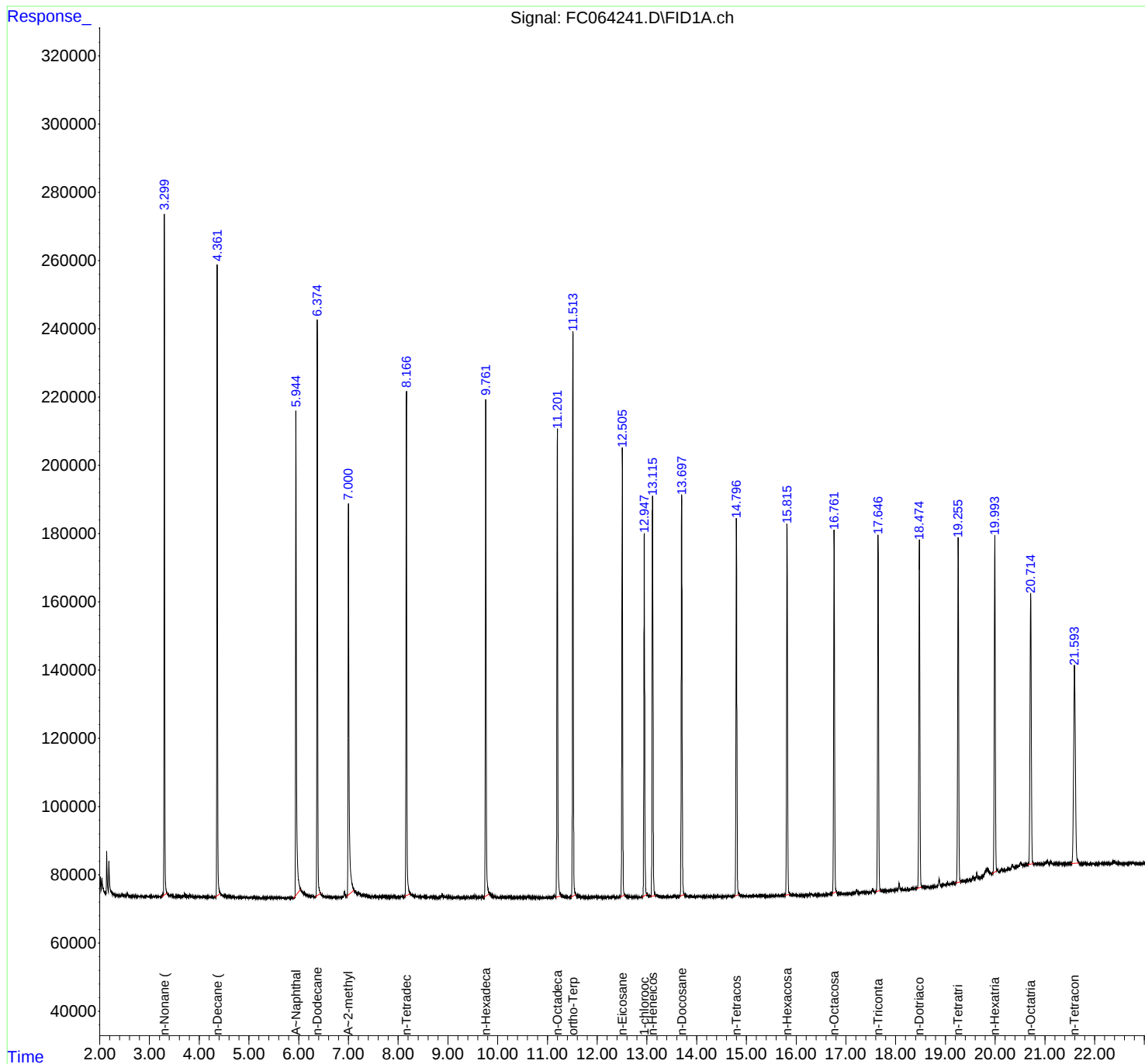
(m)=manual int.

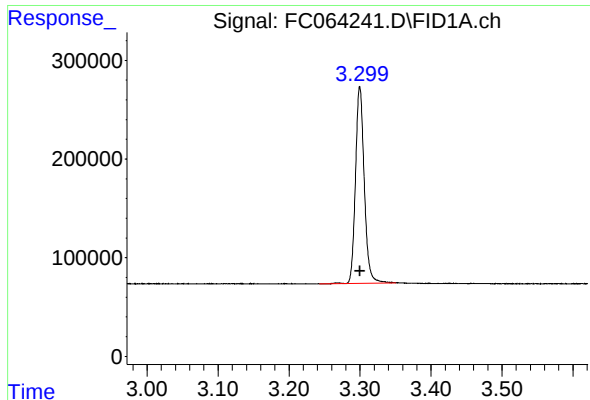
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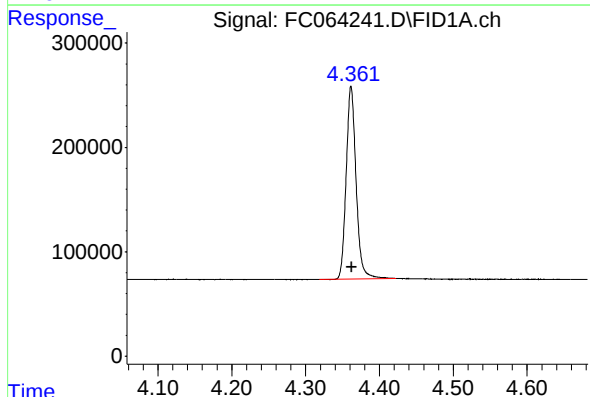




#1 n-Nonane (C9)

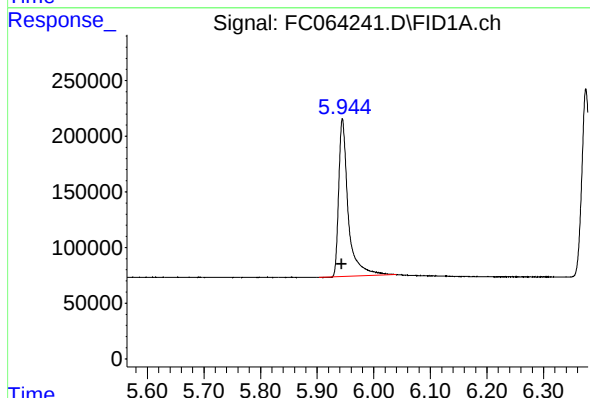
R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 1710367
Conc: 10.60 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



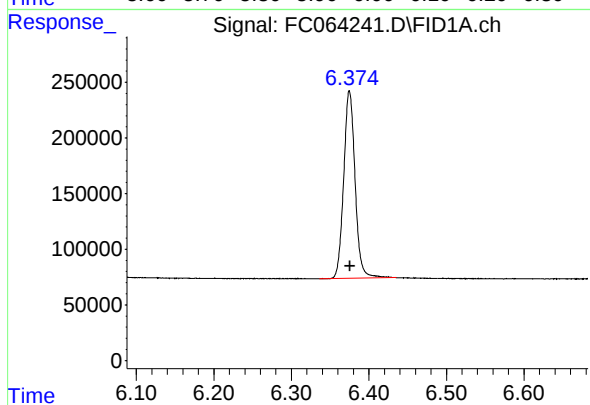
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 1718858
Conc: 10.54 ug/ml



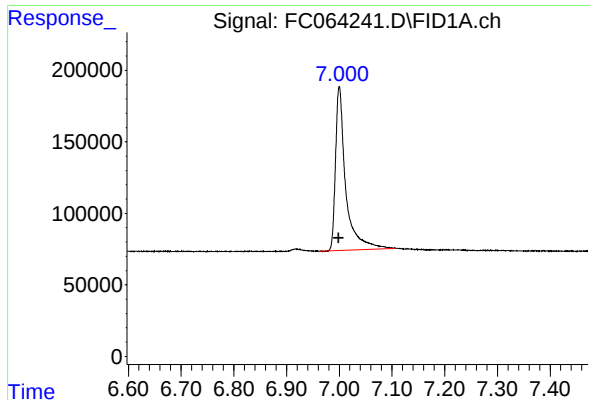
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 1653809
Conc: 9.91 ug/ml



#4 n-Dodecane (C12)

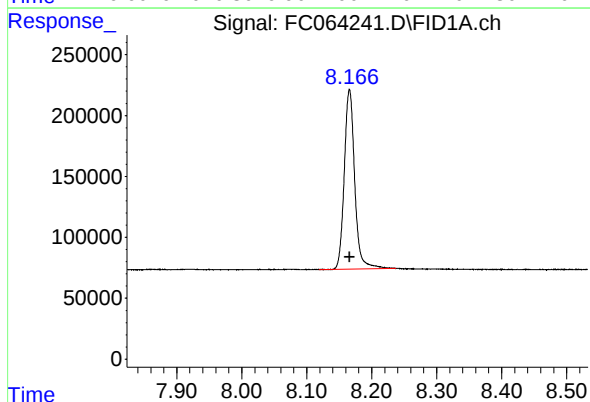
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 1717992
Conc: 10.55 ug/ml



#5 A~2-methylnaphthalene (C12.89)

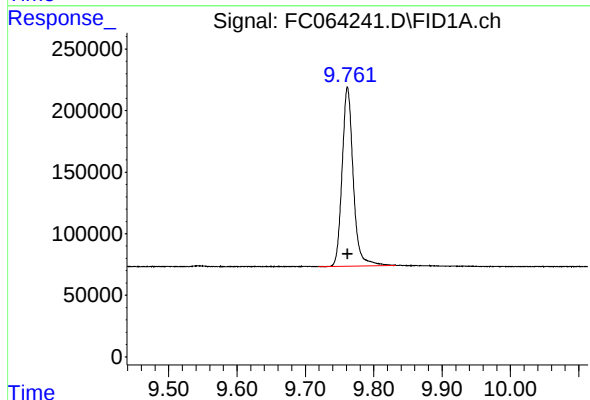
R.T.: 7.000 min
Delta R.T.: 0.002 min
Response: 1543184
Conc: 9.77 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



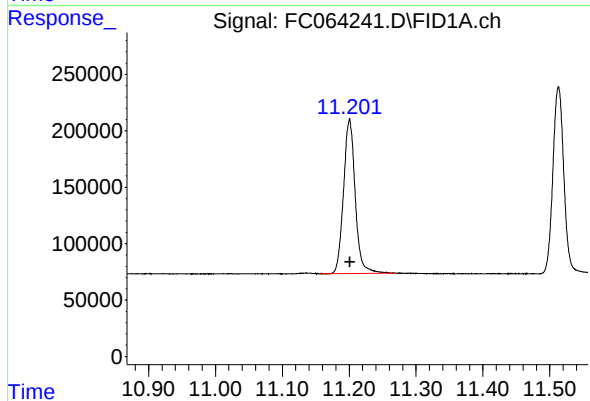
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 1645107
Conc: 10.48 ug/ml



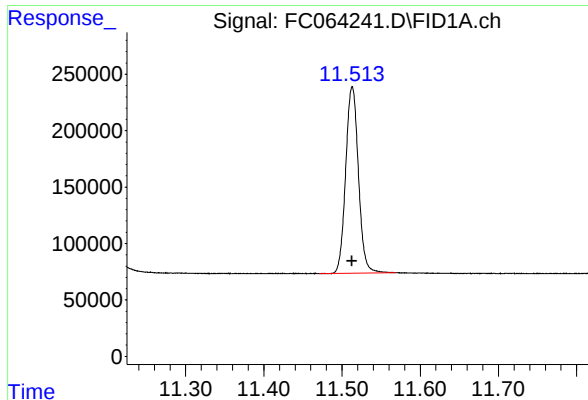
#7 n-Hexadecane (C16)

R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 1641489
Conc: 10.42 ug/ml



#8 n-Octadecane (C18)

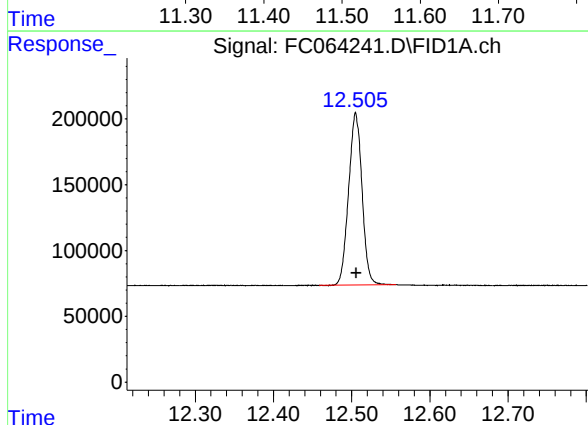
R.T.: 11.201 min
Delta R.T.: -0.001 min
Response: 1662129
Conc: 10.56 ug/ml



#9 ortho-Terphenyl (SURR)

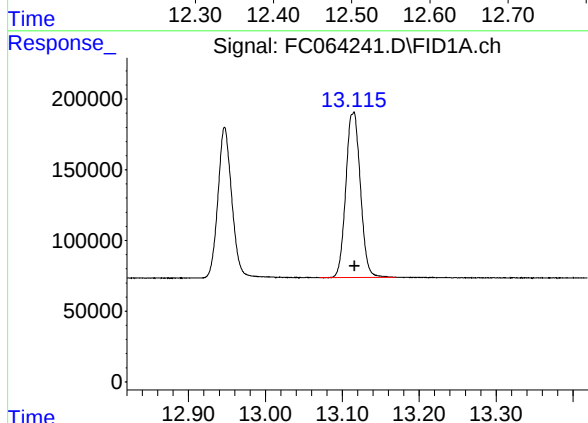
R.T.: 11.513 min
Delta R.T.: 0.000 min
Response: 1868687
Conc: 10.57 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



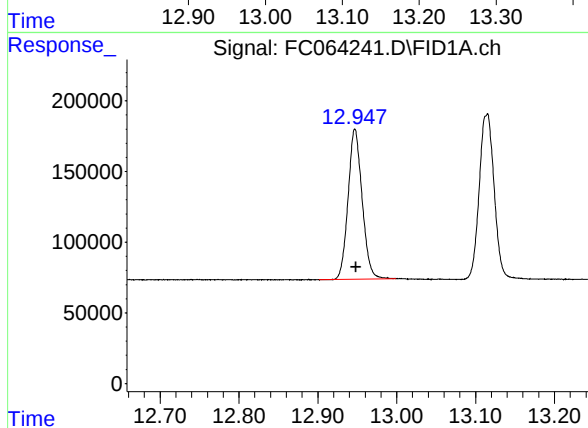
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.000 min
Response: 1564523
Conc: 10.58 ug/ml



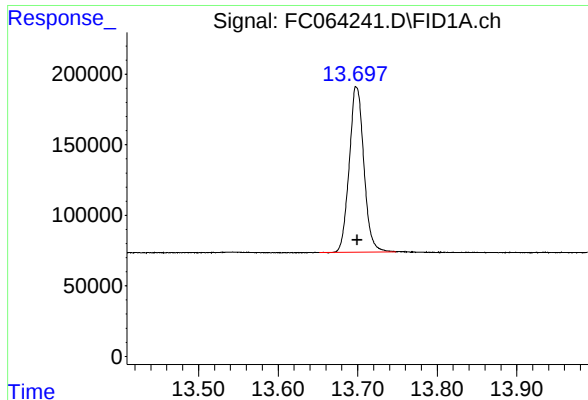
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: -0.001 min
Response: 1536101
Conc: 10.62 ug/ml



#12 1-chlorooctadecane (SURR)

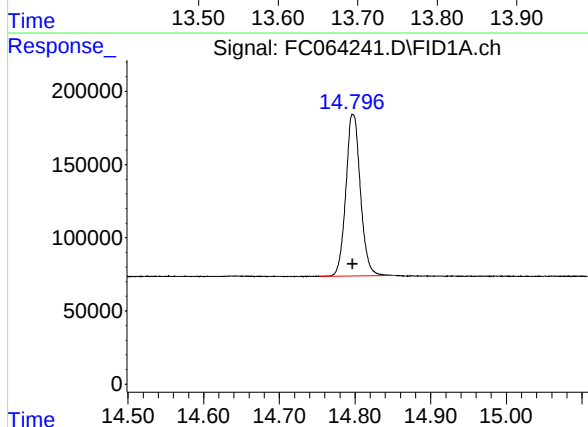
R.T.: 12.947 min
Delta R.T.: -0.001 min
Response: 1314449
Conc: 10.44 ug/ml



#13 n-Docosane (C22)

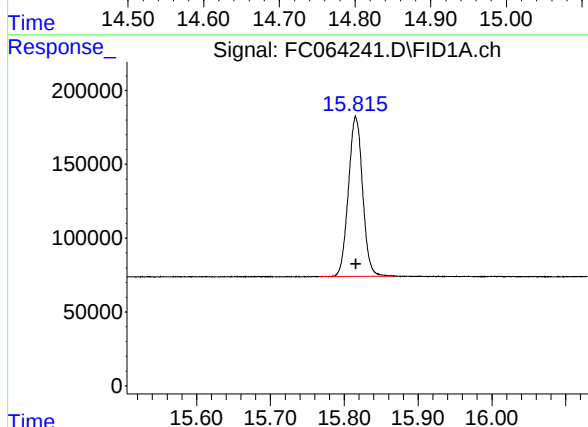
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 1493727
Conc: 10.54 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



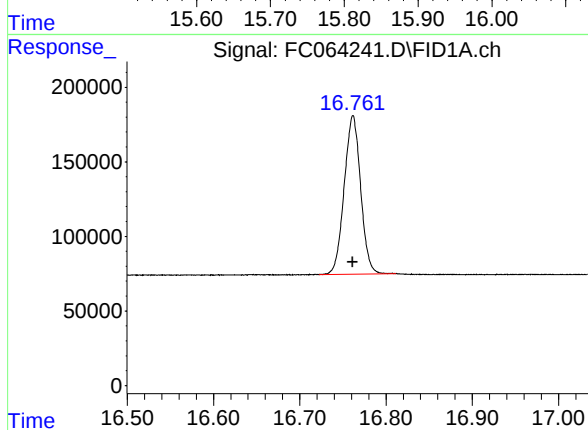
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 1474168
Conc: 10.58 ug/ml



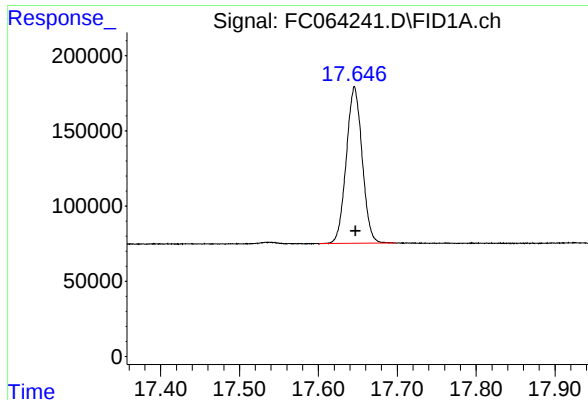
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.000 min
Response: 1447027
Conc: 10.62 ug/ml



#16 n-Octacosane (C28)

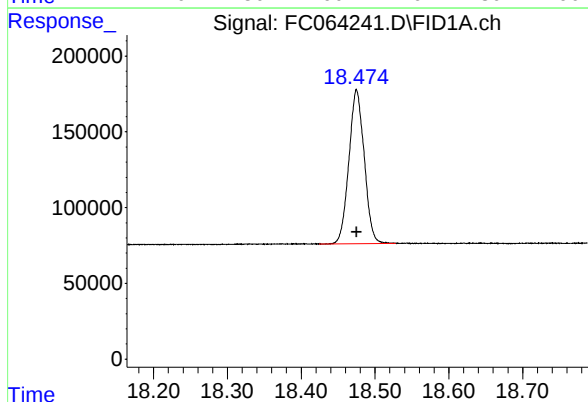
R.T.: 16.762 min
Delta R.T.: 0.000 min
Response: 1406710
Conc: 10.60 ug/ml



#17 n-Tricontane (C30)

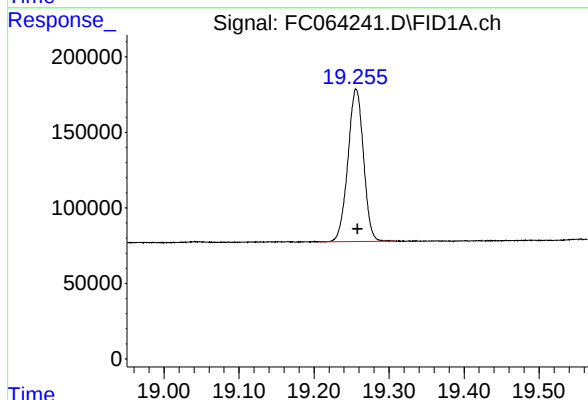
R.T.: 17.646 min
Delta R.T.: -0.001 min
Response: 1455547
Conc: 10.75 ug/ml

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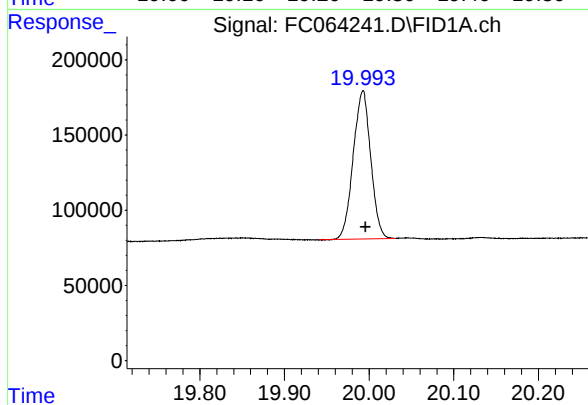
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: 0.000 min
Response: 1465912
Conc: 10.87 ug/ml



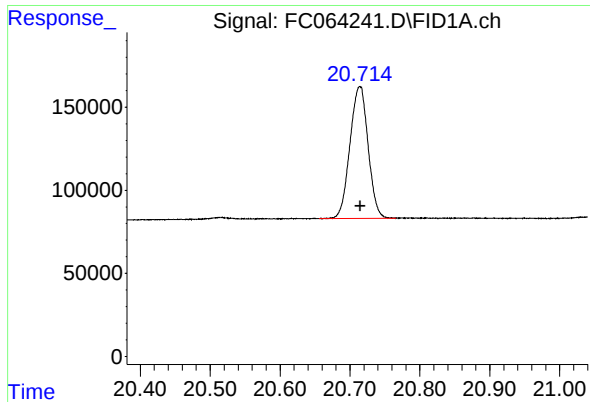
#19 n-Tetatriacontane (C34)

R.T.: 19.256 min
Delta R.T.: -0.002 min
Response: 1456107
Conc: 10.84 ug/ml



#20 n-Hexatriacontane (C36)

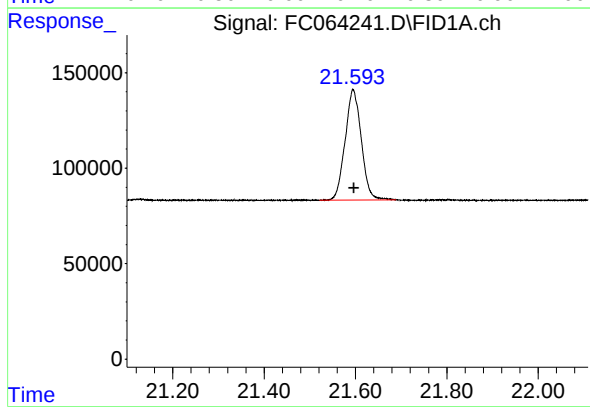
R.T.: 19.993 min
Delta R.T.: -0.003 min
Response: 1416320
Conc: 10.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 1428913
Conc: 10.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: -0.002 min
Response: 1421362
Conc: 10.81 ug/ml