

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068106.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 10:34
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 2025
 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)	11.425	1693195	10.479 ug/ml
Spiked Amount 50.000		Recovery =	20.96%
12) S 1-chlorooctadecane (S...	12.865	1244032	10.412 ug/ml
Spiked Amount 50.000		Recovery =	20.82%
Target Compounds			
1) T n-Nonane (C9)	3.232	1475263	10.499 ug/ml
2) T n-Decane (C10)	4.291	1496558	10.458 ug/ml
3) T A~Naphthalene (C11.7)	5.859	1594666	10.256 ug/ml
4) T n-Dodecane (C12)	6.299	1504156	10.415 ug/ml
5) T A~2-methylnaphthalene...	6.911	1531057	10.225 ug/ml
6) T n-Tetradecane (C14)	8.087	1470817	10.400 ug/ml
7) T n-Hexadecane (C16)	9.682	1497439	10.383 ug/ml
8) T n-Octadecane (C18)	11.120	1516982	10.442 ug/ml
10) T n-Eicosane (C20)	12.424	1453910	10.476 ug/ml
11) T n-Heneicosane (C21)	13.035	1431349	10.514 ug/ml
13) T n-Docosane (C22)	13.620	1411126	10.566 ug/ml
14) T n-Tetracosane (C24)	14.719	1400111	10.544 ug/ml
15) T n-Hexacosane (C26)	15.737	1370317	10.532 ug/ml
16) T n-Octacosane (C28)	16.685	1362142	10.644 ug/ml
17) T n-Tricontane (C30)	17.570	1402454	10.658 ug/ml
18) T n-Dotriacontane (C32)	18.401	1354078	10.718 ug/ml
19) T n-Tetratriacontane (C34)	19.183	1175638	10.695 ug/ml
20) T n-Hexatriacontane (C36)	19.921	1013341	10.795 ug/ml
21) T n-Octatriacontane (C38)	20.635	924019	10.524 ug/ml
22) T n-Tetracontane (C40)	21.497	872323	10.660 ug/ml

(f)=RT Delta > 1/2 Window

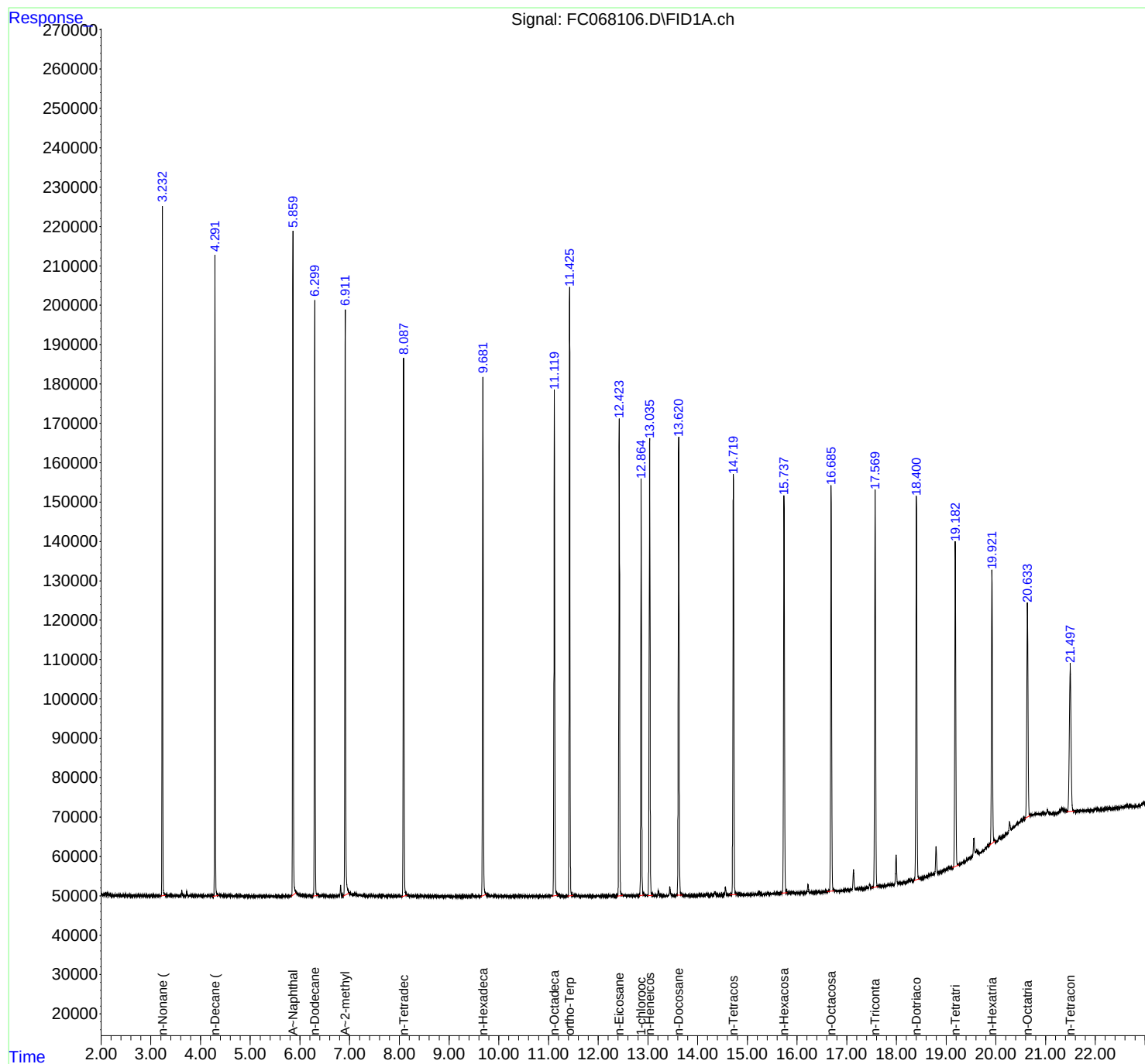
(m)=manual int.

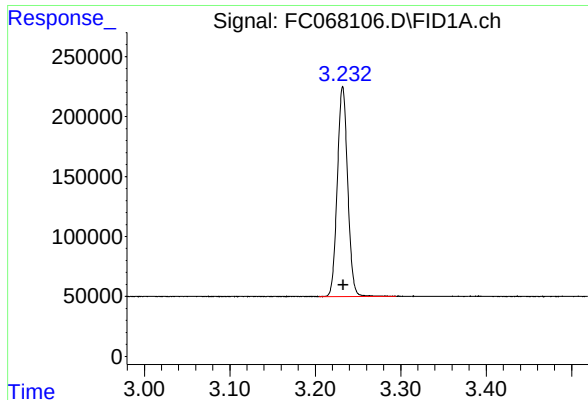
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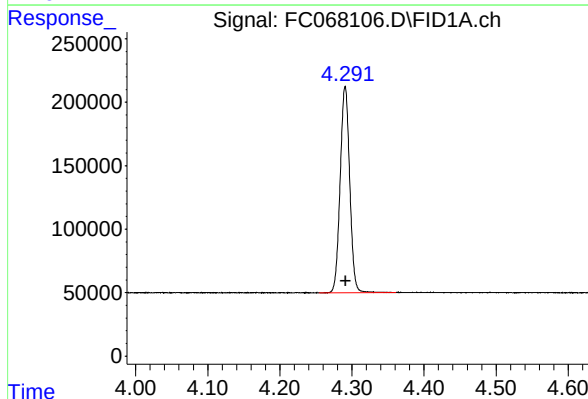




#1 n-Nonane (C9)

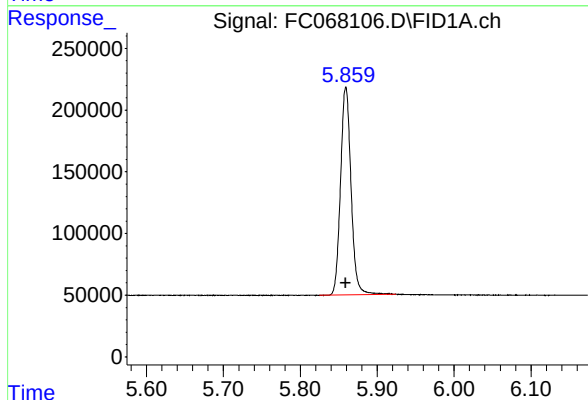
R.T.: 3.232 min
Delta R.T.: 0.000 min
Response: 1475263
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



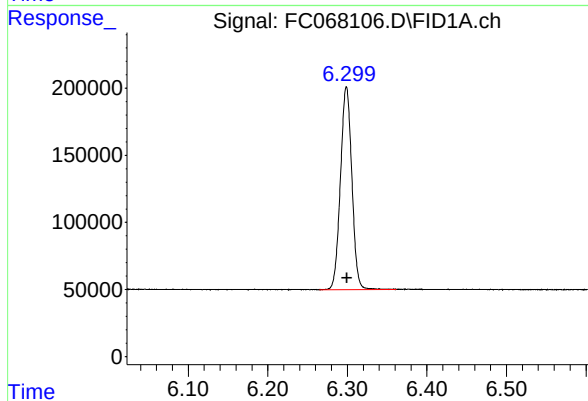
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 1496558
Conc: 10.46 ug/ml



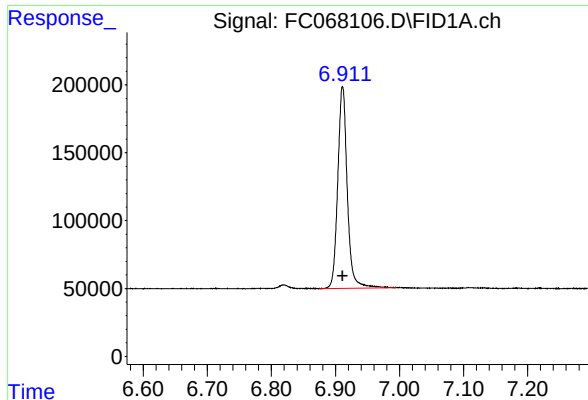
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 1594666
Conc: 10.26 ug/ml



#4 n-Dodecane (C12)

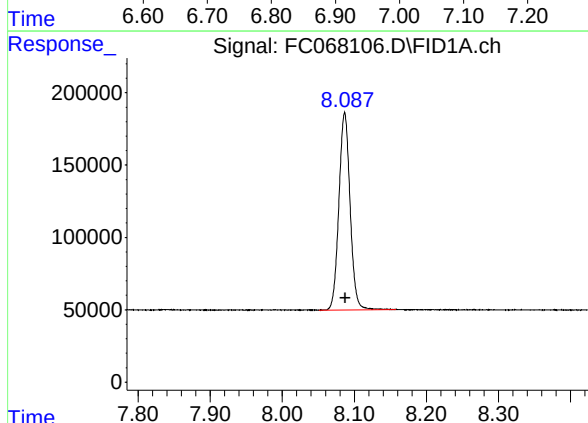
R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1504156
Conc: 10.42 ug/ml



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

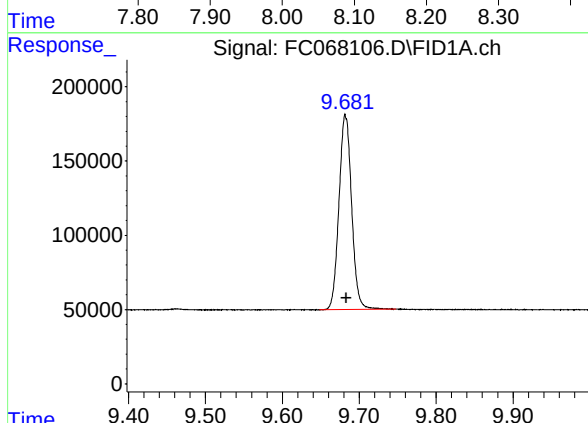
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 1531057
Conc: 10.22 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



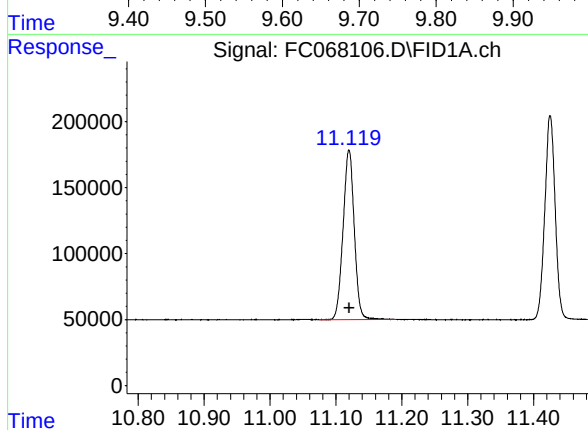
#6 n-Tetradecane (C14)

R.T.: 8.087 min
Delta R.T.: 0.000 min
Response: 1470817
Conc: 10.40 ug/ml



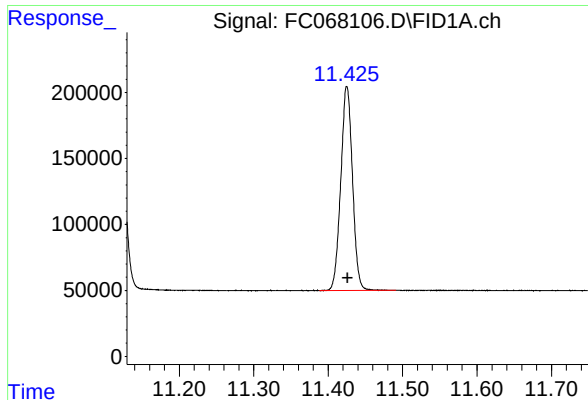
#7 n-Hexadecane (C16)

R.T.: 9.682 min
Delta R.T.: 0.000 min
Response: 1497439
Conc: 10.38 ug/ml



#8 n-Octadecane (C18)

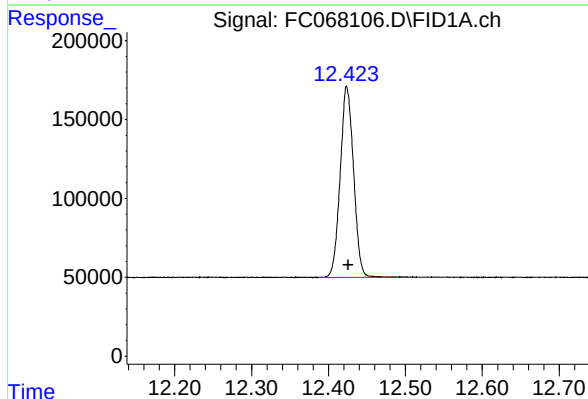
R.T.: 11.120 min
Delta R.T.: 0.000 min
Response: 1516982
Conc: 10.44 ug/ml



#9 ortho-Terphenyl (SURR)

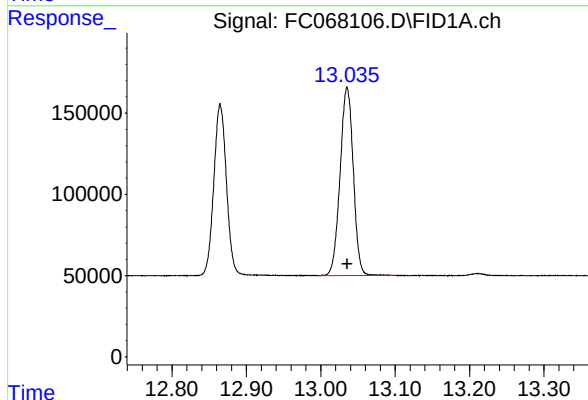
R.T.: 11.425 min
Delta R.T.: -0.001 min
Response: 1693195
Conc: 10.48 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



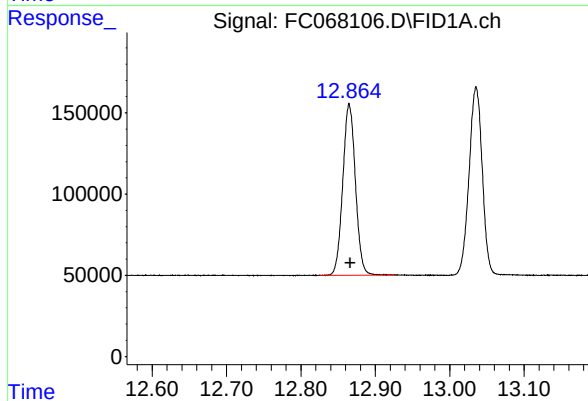
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.001 min
Response: 1453910
Conc: 10.48 ug/ml



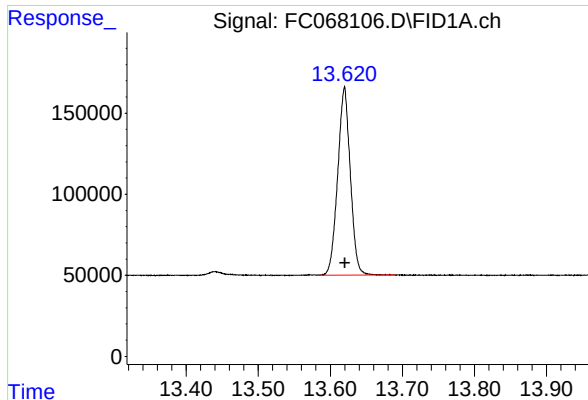
#11 n-Heneicosane (C21)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 1431349
Conc: 10.51 ug/ml



#12 1-chlorooctadecane (SURR)

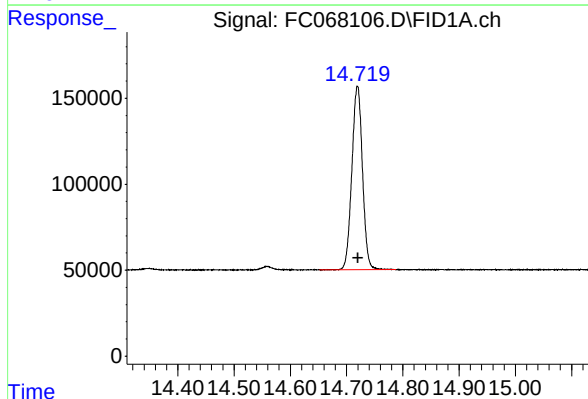
R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 1244032
Conc: 10.41 ug/ml



#13 n-Docosane (C22)

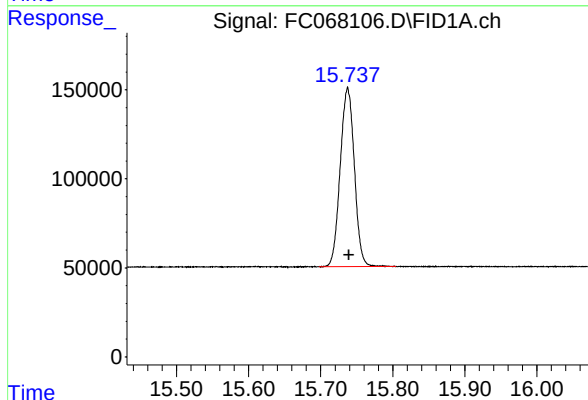
R.T.: 13.620 min
Delta R.T.: 0.000 min
Response: 1411126
Conc: 10.57 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4



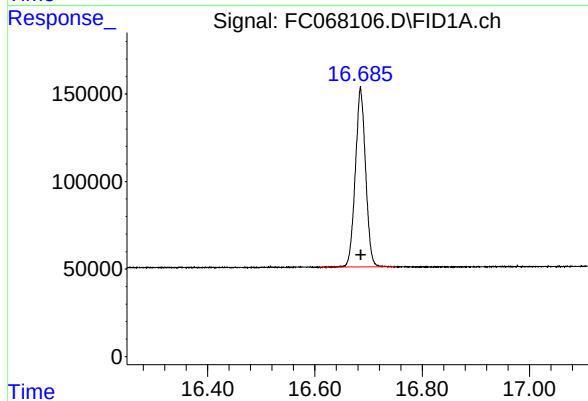
#14 n-Tetracosane (C24)

R.T.: 14.719 min
Delta R.T.: 0.000 min
Response: 1400111
Conc: 10.54 ug/ml



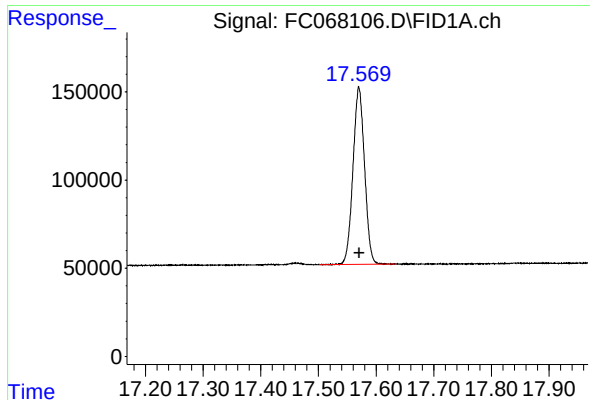
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: -0.002 min
Response: 1370317
Conc: 10.53 ug/ml



#16 n-Octacosane (C28)

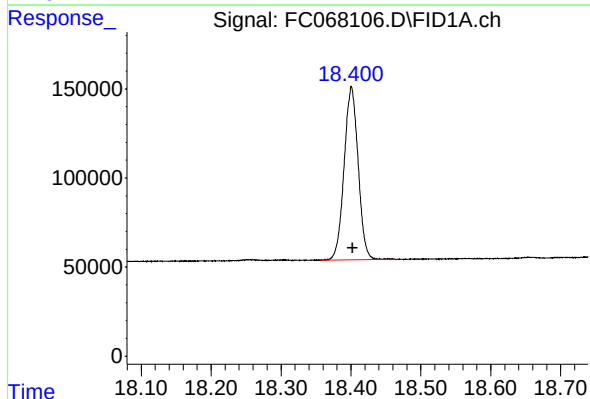
R.T.: 16.685 min
Delta R.T.: 0.000 min
Response: 1362142
Conc: 10.64 ug/ml



#17 n-Tricontane (C30)

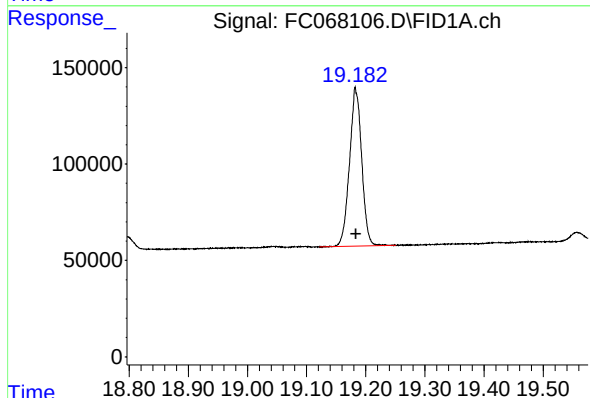
R.T.: 17.570 min
Delta R.T.: 0.000 min
Response: 1402454
Conc: 10.66 ug/ml

Instrument :
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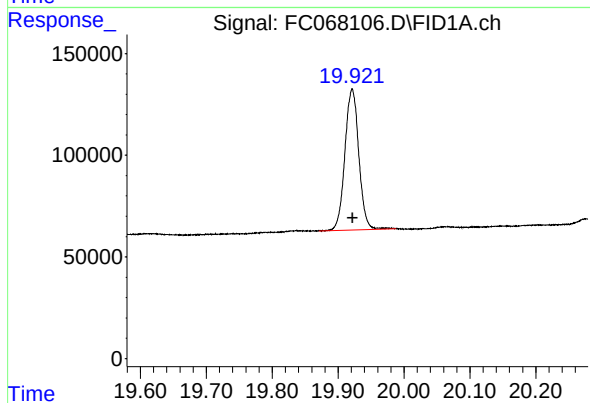
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.002 min
Response: 1354078
Conc: 10.72 ug/ml



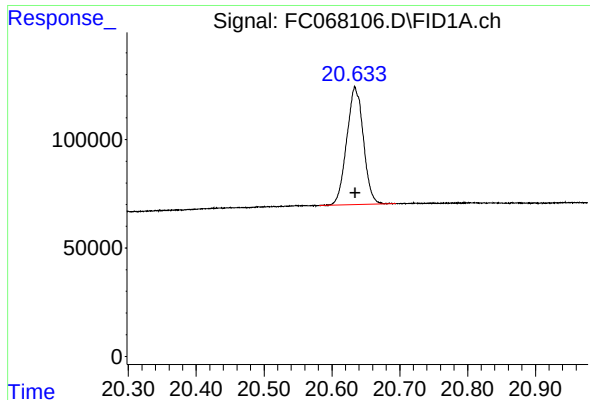
#19 n-Tetatriacontane (C34)

R.T.: 19.183 min
Delta R.T.: 0.000 min
Response: 1175638
Conc: 10.69 ug/ml



#20 n-Hexatriacontane (C36)

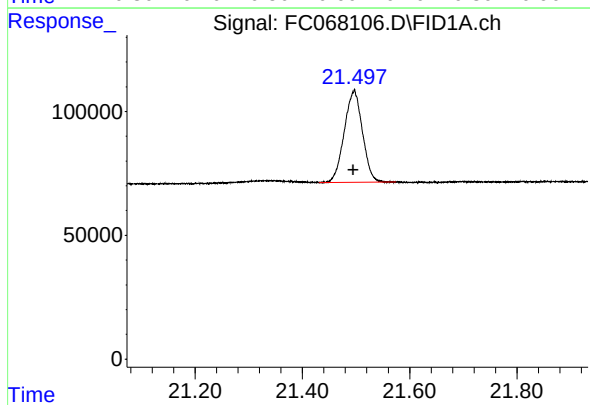
R.T.: 19.921 min
Delta R.T.: 0.000 min
Response: 1013341
Conc: 10.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.000 min
Response: 924019
Conc: 10.52 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.497 min
Delta R.T.: 0.002 min
Response: 872323
Conc: 10.66 ug/ml