

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG083025AL\
 Data File : FG016474.D
 Signal(s) : FID1A.ch
 Acq On : 29 Aug 2025 12:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 30 05:05:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 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)	12.071	2596071	19.610 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.516	1973640	19.607 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.391	2217275	19.599 ug/ml
2) T n-Decane (C10)	4.652	2260583	19.639 ug/ml
3) T A~Naphthalene (C11.7)	6.371	2452819	19.753 ug/ml
4) T n-Dodecane (C12)	6.833	2277417	19.631 ug/ml
5) T A~2-methylnaphthalene...	7.474	2360575	19.790 ug/ml
6) T n-Tetradecane (C14)	8.674	2253723	19.533 ug/ml
7) T n-Hexadecane (C16)	10.293	2329935	19.519 ug/ml
8) T n-Octadecane (C18)	11.747	2365488	19.578 ug/ml
10) T n-Eicosane (C20)	13.067	2289783	19.629 ug/ml
11) T n-Heneicosane (C21)	13.684	2256543	19.632 ug/ml
13) T n-Docosane (C22)	14.274	2244591	19.645 ug/ml
14) T n-Tetracosane (C24)	15.385	2234675	19.646 ug/ml
15) T n-Hexacosane (C26)	16.413	2179427	19.628 ug/ml
16) T n-Octacosane (C28)	17.370	2109043	19.509 ug/ml
17) T n-Tricontane (C30)	18.263	2101462	19.241 ug/ml
18) T n-Dotriacontane (C32)	19.102	2005965	19.079 ug/ml
19) T n-Tetratriacontane (C34)	19.890	1822436	18.978 ug/ml
20) T n-Hexatriacontane (C36)	20.635	1562773	18.688 ug/ml
21) T n-Octatriacontane (C38)	21.418	1458993	18.949 ug/ml
22) T n-Tetracontane (C40)	22.418	1406980	18.938 ug/ml

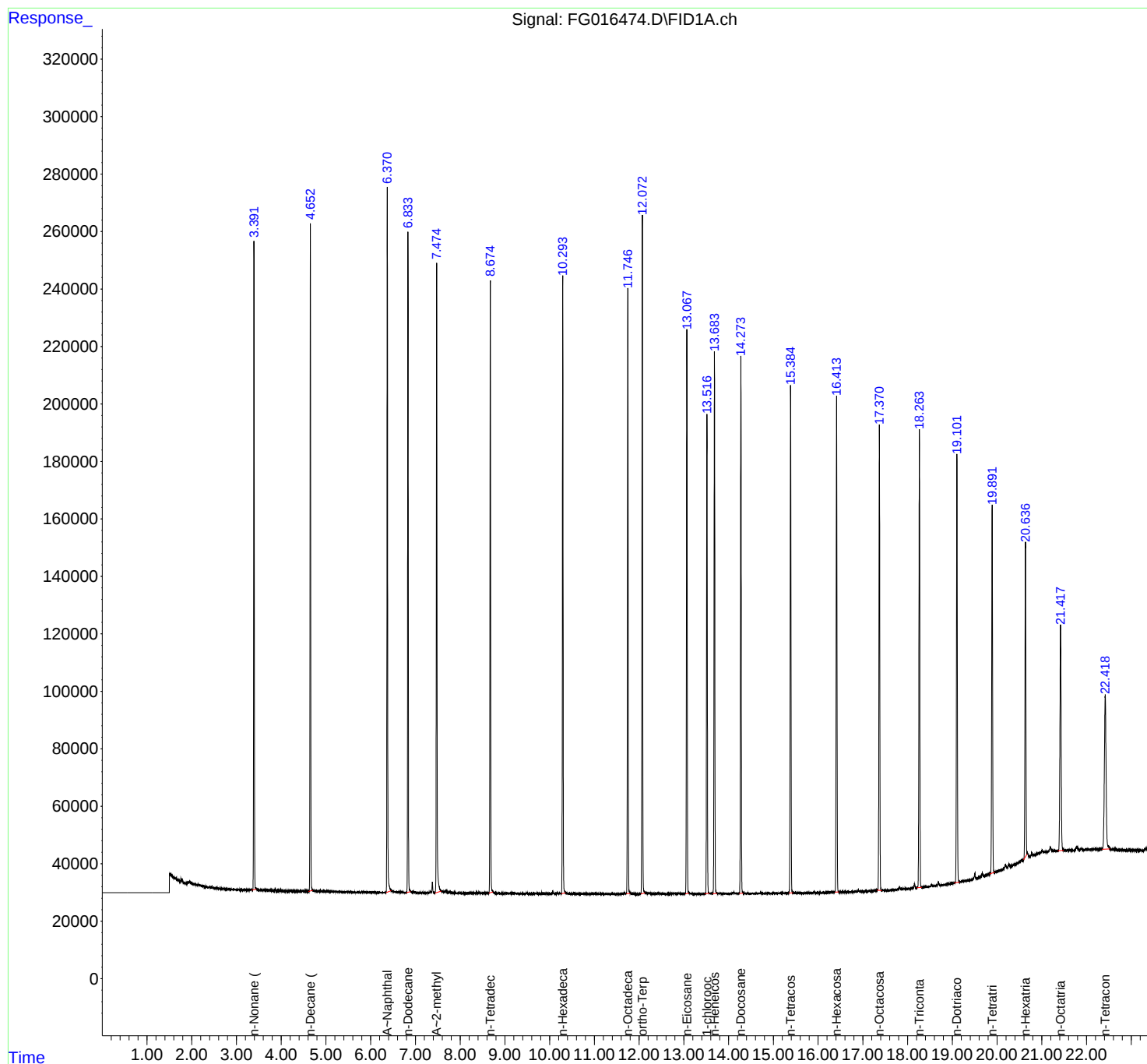
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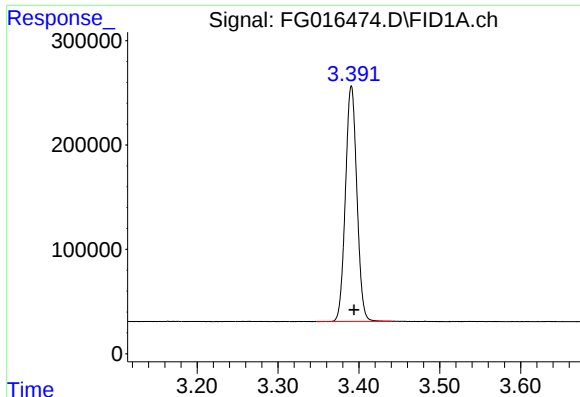
(m)=manual int.

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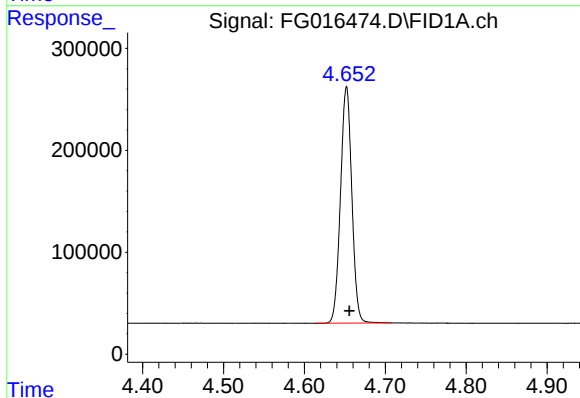
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





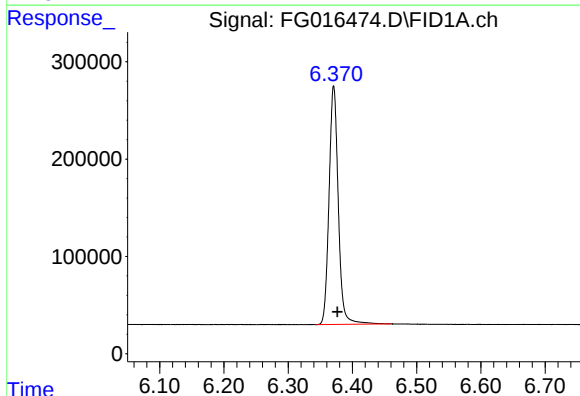
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.003 min
Response: 2217275
Conc: 19.60 ug/ml



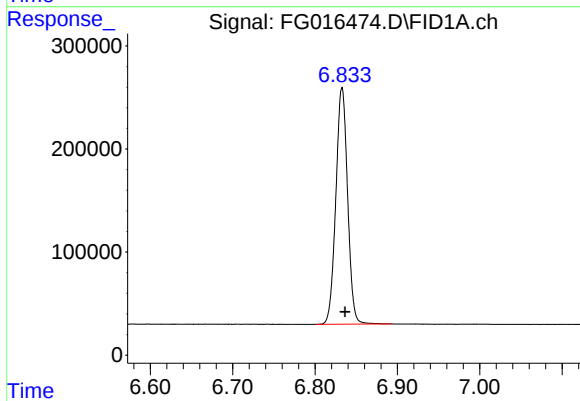
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 2260583
Conc: 19.64 ug/ml



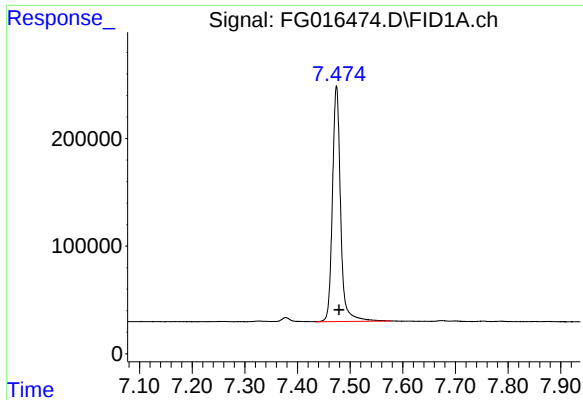
#3 A~Naphthalene (C11.7)

R.T.: 6.371 min
Delta R.T.: -0.005 min
Response: 2452819
Conc: 19.75 ug/ml



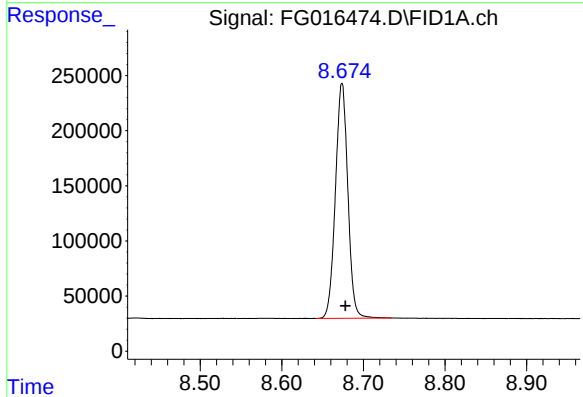
#4 n-Dodecane (C12)

R.T.: 6.833 min
Delta R.T.: -0.004 min
Response: 2277417
Conc: 19.63 ug/ml



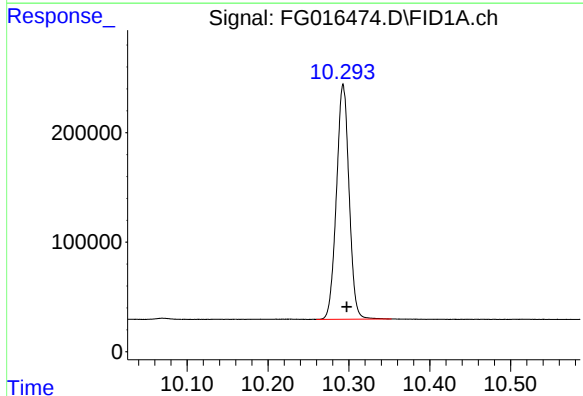
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 2360575
Conc: 19.79 ug/ml



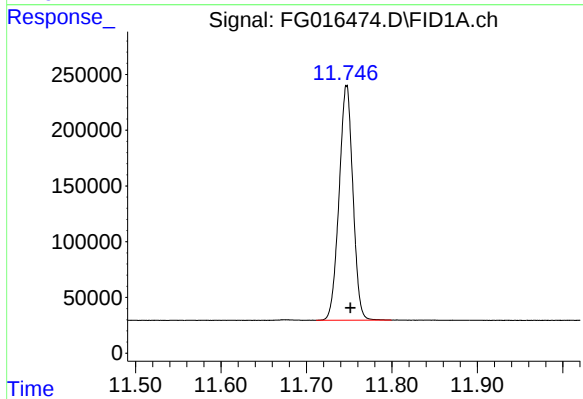
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: -0.004 min
Response: 2253723
Conc: 19.53 ug/ml



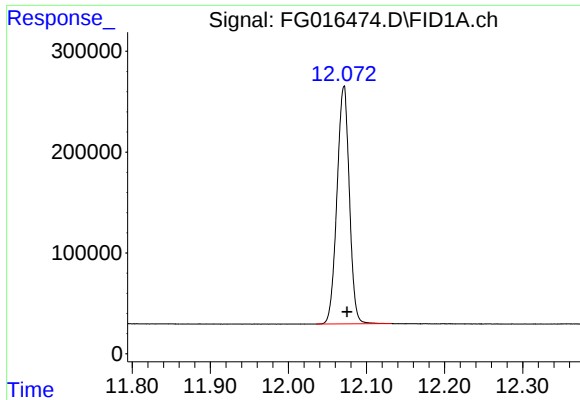
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.004 min
Response: 2329935
Conc: 19.52 ug/ml



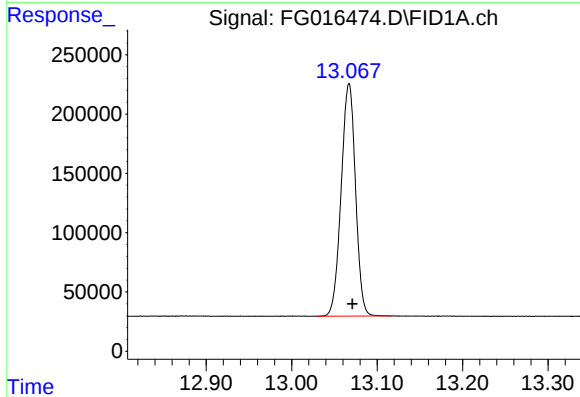
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.004 min
Response: 2365488
Conc: 19.58 ug/ml



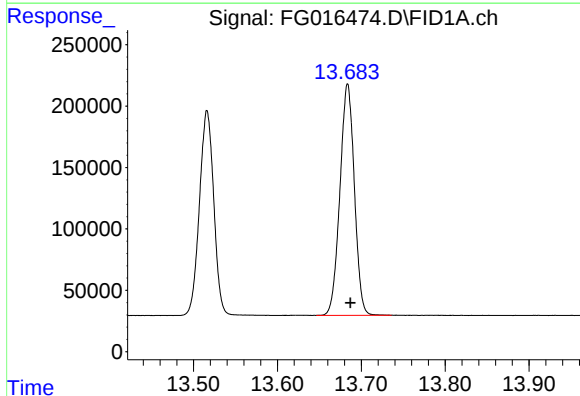
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.004 min
Response: 2596071
Conc: 19.61 ug/ml



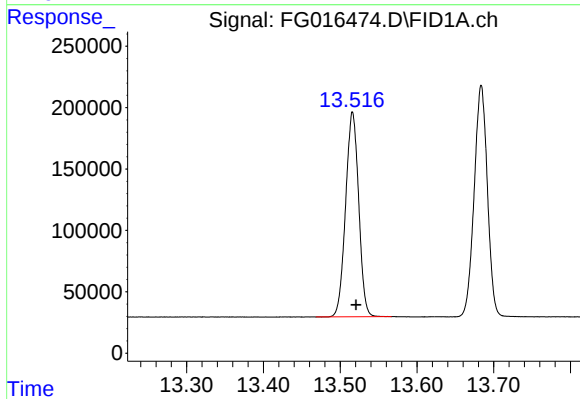
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.004 min
Response: 2289783
Conc: 19.63 ug/ml



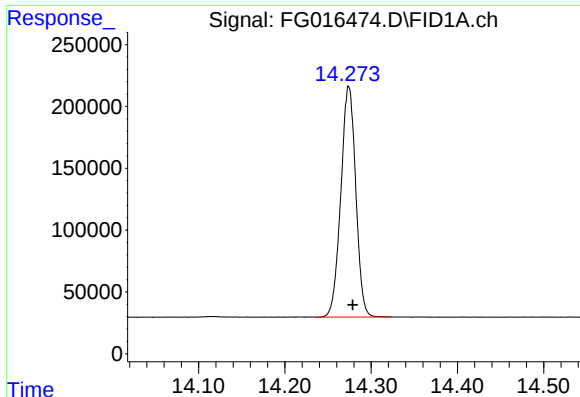
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2256543
Conc: 19.63 ug/ml



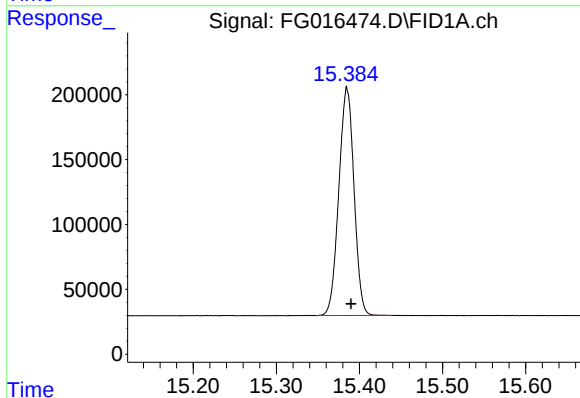
#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: -0.005 min
Response: 1973640
Conc: 19.61 ug/ml



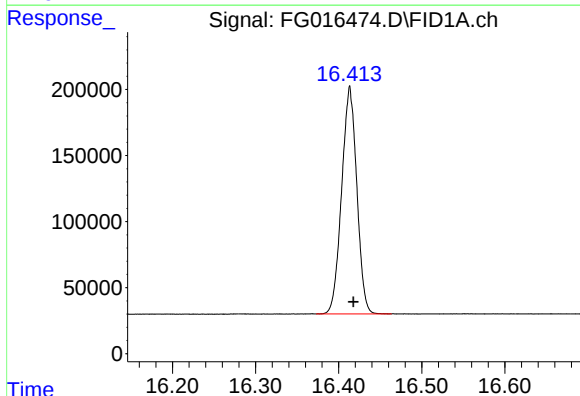
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: -0.004 min
Response: 2244591
Conc: 19.64 ug/ml



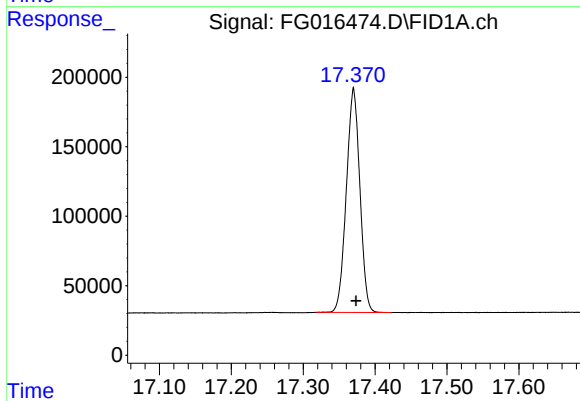
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: -0.005 min
Response: 2234675
Conc: 19.65 ug/ml



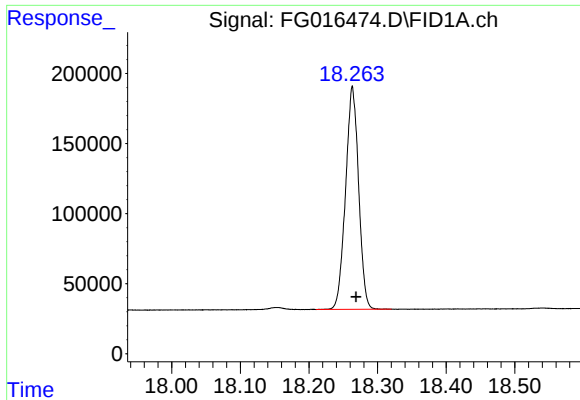
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: -0.005 min
Response: 2179427
Conc: 19.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.370 min
Delta R.T.: -0.004 min
Response: 2109043
Conc: 19.51 ug/ml



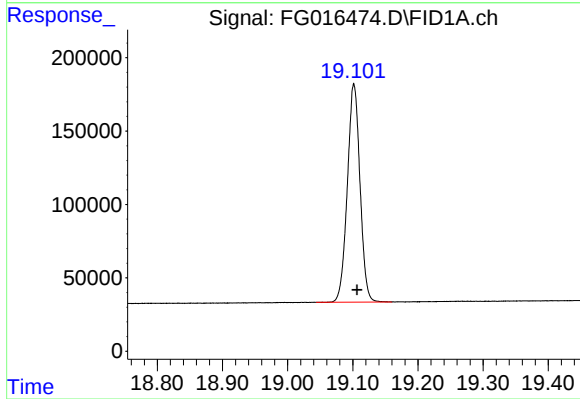
#17 n-Tricontane (C30)

R.T.: 18.263 min

Delta R.T.: -0.005 min

Response: 2101462

Conc: 19.24 ug/ml



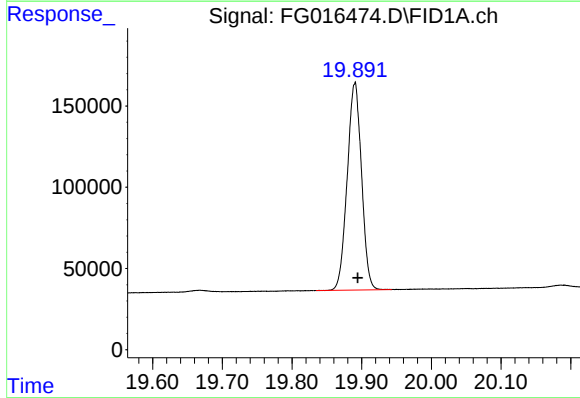
#18 n-Dotriacontane (C32)

R.T.: 19.102 min

Delta R.T.: -0.005 min

Response: 2005965

Conc: 19.08 ug/ml



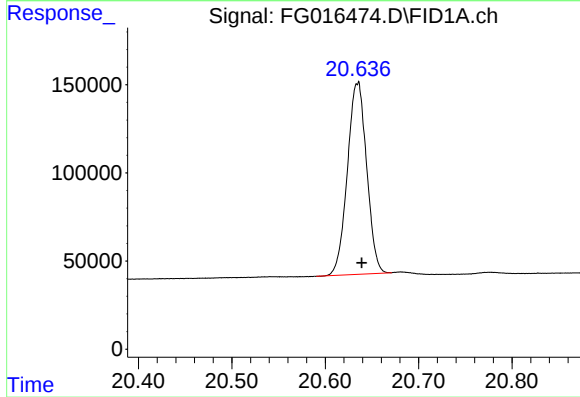
#19 n-Tetratriacontane (C34)

R.T.: 19.890 min

Delta R.T.: -0.004 min

Response: 1822436

Conc: 18.98 ug/ml



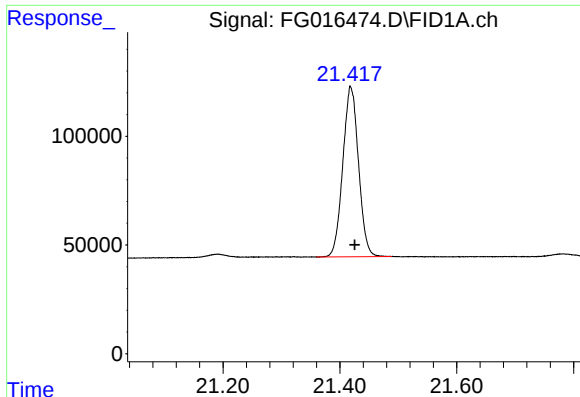
#20 n-Hexatriacontane (C36)

R.T.: 20.635 min

Delta R.T.: -0.004 min

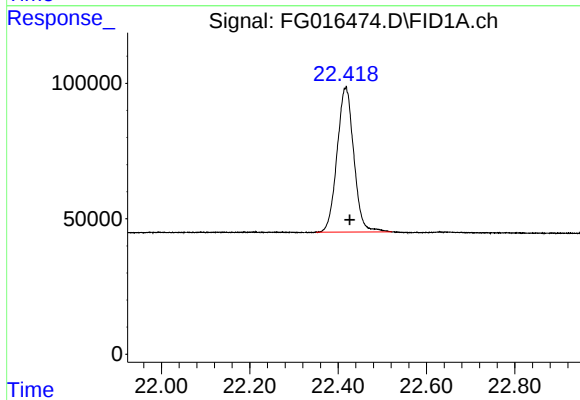
Response: 1562773

Conc: 18.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.418 min
Delta R.T.: -0.007 min
Response: 1458993
Conc: 18.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.418 min
Delta R.T.: -0.009 min
Response: 1406980
Conc: 18.94 ug/ml