

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082322AL\
 Data File : FE037200.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2022 13:39
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 23 14:05:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 13:49:59 2022
 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)	11.703	1864713	11.158 ug/ml
Spiked Amount 50.000		Recovery =	22.32%
12) S 1-chlorooctadecane (S...	13.119	1484079	11.236 ug/ml
Spiked Amount 50.000		Recovery =	22.47%
Target Compounds			
1) T n-Nonane (C9)	3.086	1592414	10.922 ug/ml
2) T n-Decane (C10)	4.342	1598340	10.883 ug/ml
3) T A~Naphthalene (C11.7)	6.082	1375436	9.254 ug/ml
4) T n-Dodecane (C12)	6.511	1664050	11.115 ug/ml
5) T A~2-methylnaphthalene...	7.175	1260247	8.786 ug/ml
6) T n-Tetradecane (C14)	9.933	1705506	11.223 ug/ml
7) T n-Hexadecane (C16)	9.933	1705506	11.223 ug/ml
8) T n-Octadecane (C18)	11.369	1758724	11.354 ug/ml
10) T n-Eicosane (C20)	12.672	1801620	11.458 ug/ml
11) T n-Heneicosane (C21)	13.281	1814311	11.468 ug/ml
13) T n-Docosane (C22)	13.865	1821831	11.464 ug/ml
14) T n-Tetracosane (C24)	14.964	1798333	11.340 ug/ml
15) T n-Hexacosane (C26)	15.981	1765831	11.228 ug/ml
16) T n-Octacosane (C28)	16.926	1715678	11.157 ug/ml
17) T n-Tricontane (C30)	17.811	1668833	11.054 ug/ml
18) T n-Dotriacontane (C32)	18.640	1596800	10.972 ug/ml
19) T n-Tetratriacontane (C34)	19.421	1428118	10.767 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1382268	10.845 ug/ml
21) T n-Octatriacontane (C38)	20.860	1263473	10.595 ug/ml
22) T n-Tetracontane (C40)	21.663	1302094	11.253 ug/ml

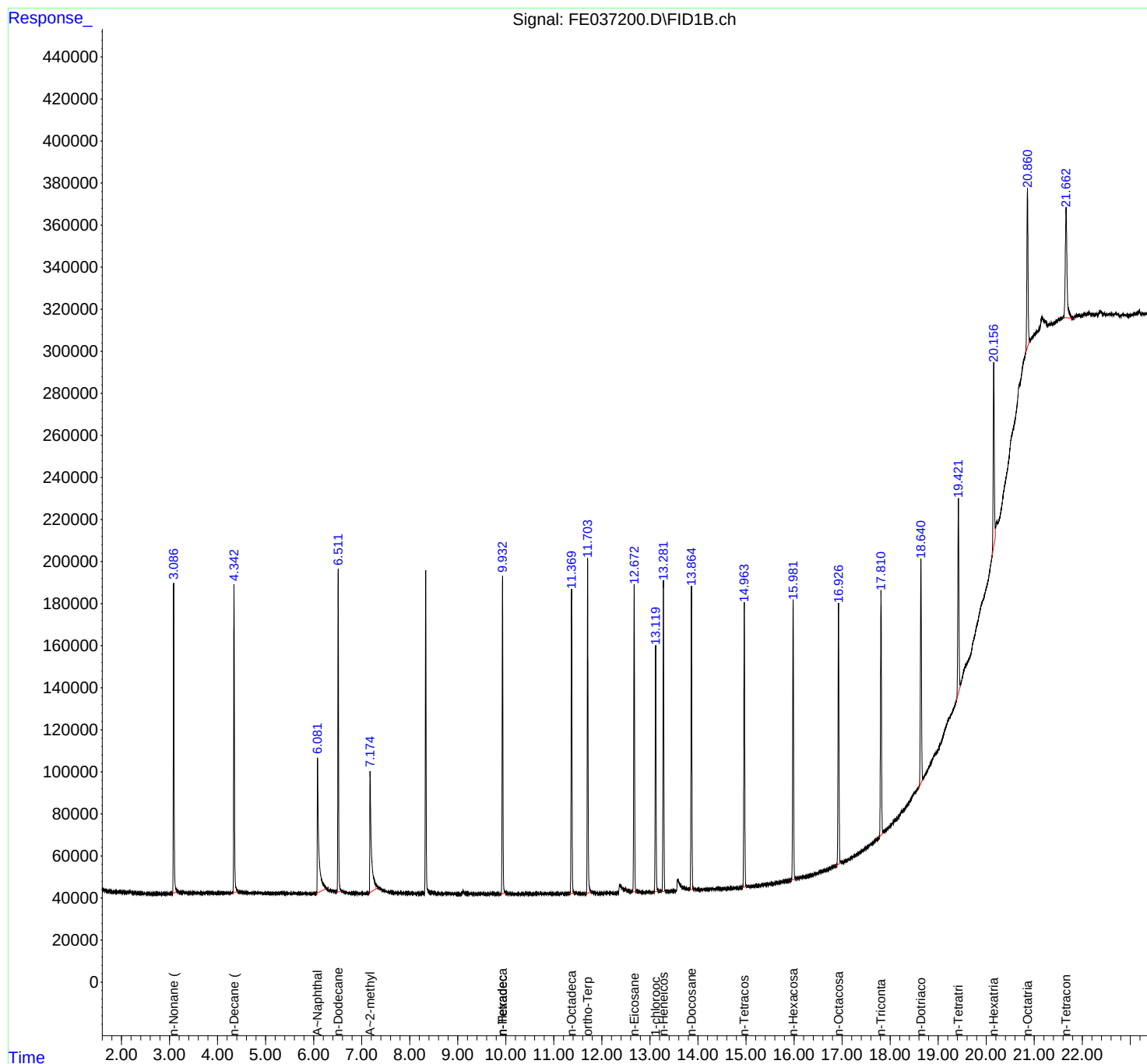
(f)=RT Delta > 1/2 Window

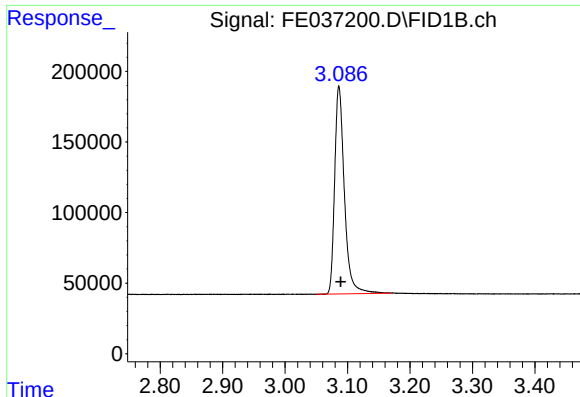
(m)=manual int.

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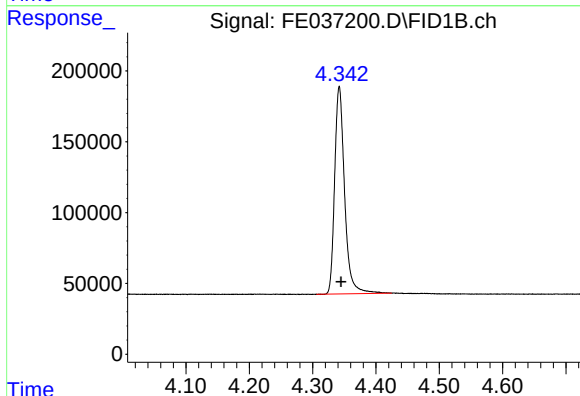
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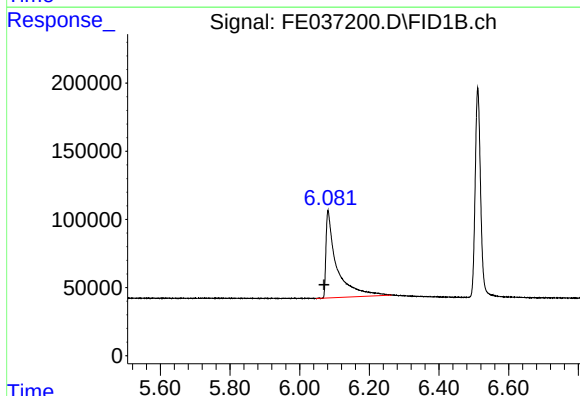
#1 n-Nonane (C9)

R.T.: 3.086 min
Delta R.T.: -0.003 min
Response: 1592414
Conc: 10.92 ug/ml



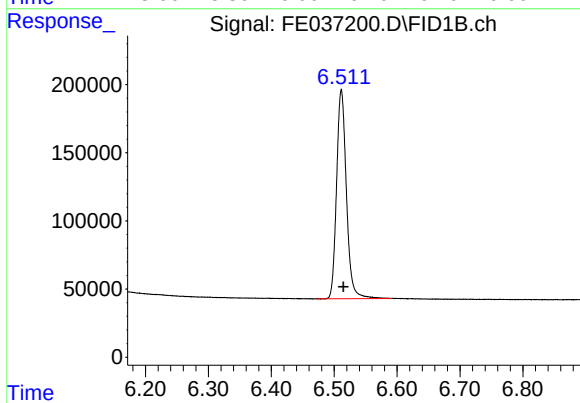
#2 n-Decane (C10)

R.T.: 4.342 min
Delta R.T.: -0.003 min
Response: 1598340
Conc: 10.88 ug/ml



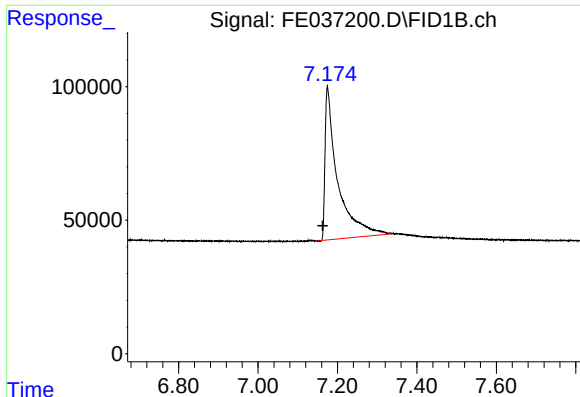
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: 0.012 min
Response: 1375436
Conc: 9.25 ug/ml



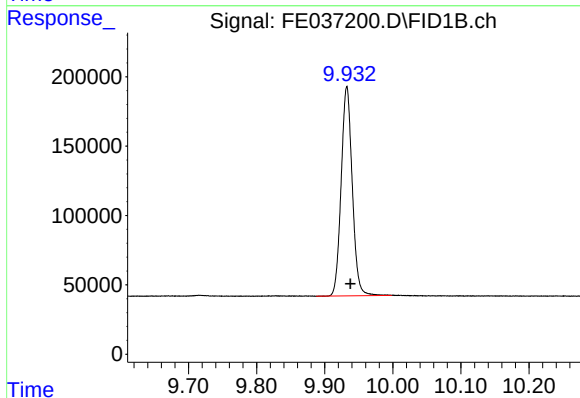
#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 1664050
Conc: 11.12 ug/ml



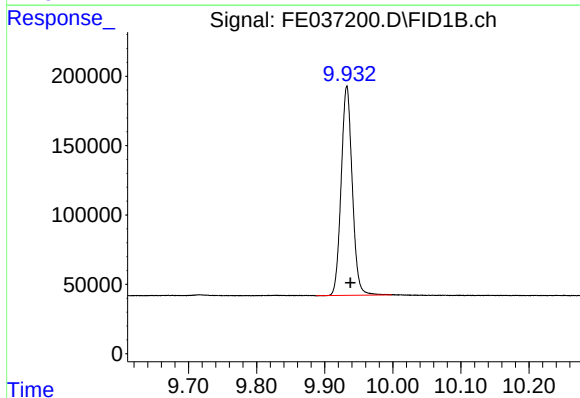
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.175 min
Delta R.T.: 0.012 min
Response: 1260247
Conc: 8.79 ug/ml



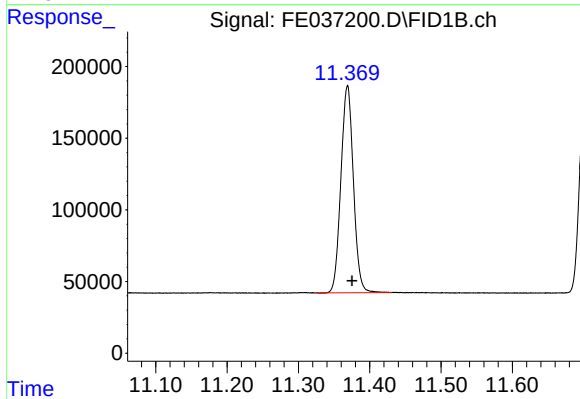
#6 n-Tetradecane (C14)

R.T.: 9.933 min
Delta R.T.: -0.005 min
Response: 1705506
Conc: 11.22 ug/ml



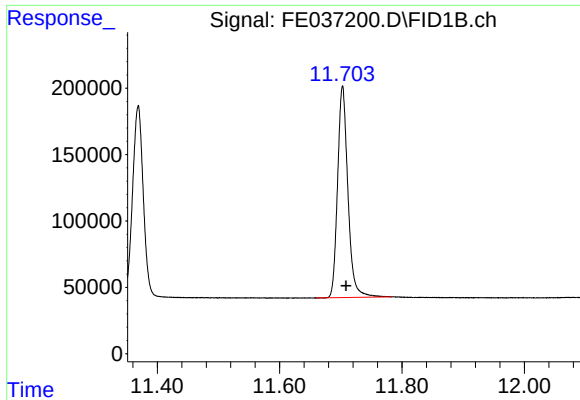
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: -0.005 min
Response: 1705506
Conc: 11.22 ug/ml



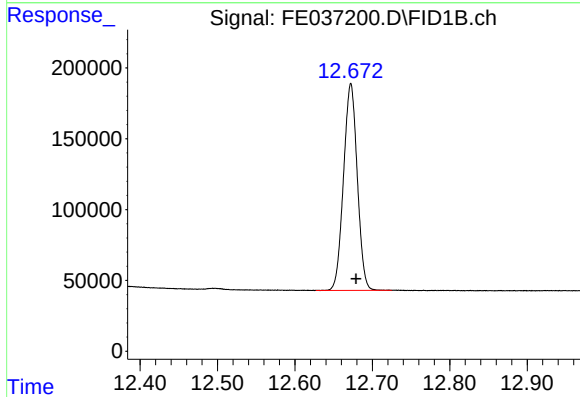
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.007 min
Response: 1758724
Conc: 11.35 ug/ml



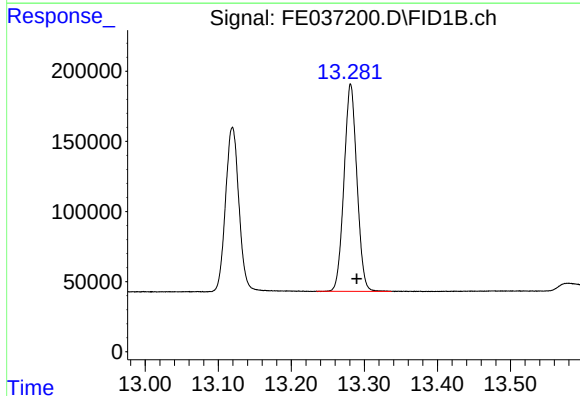
#9 ortho-Terphenyl (SURR)

R.T.: 11.703 min
Delta R.T.: -0.006 min
Response: 1864713
Conc: 11.16 ug/ml



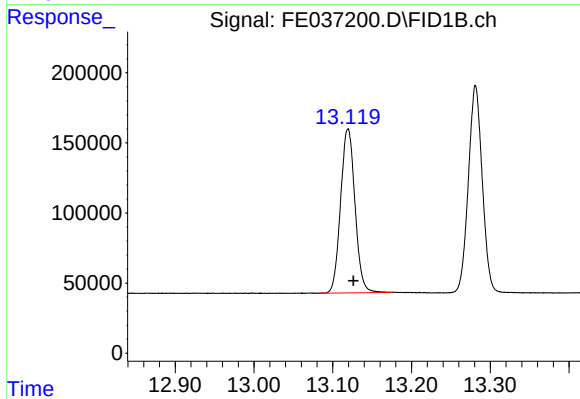
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: -0.007 min
Response: 1801620
Conc: 11.46 ug/ml



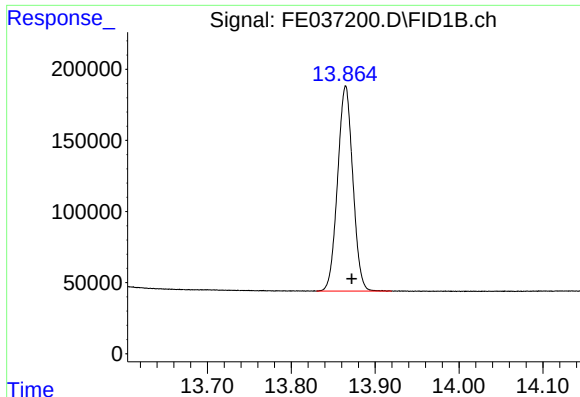
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.008 min
Response: 1814311
Conc: 11.47 ug/ml



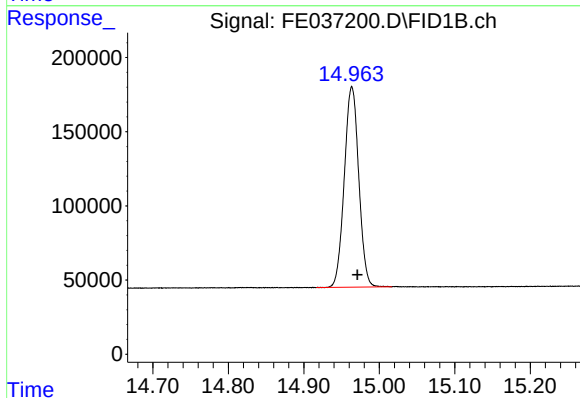
#12 1-chlorooctadecane (SURR)

R.T.: 13.119 min
Delta R.T.: -0.007 min
Response: 1484079
Conc: 11.24 ug/ml



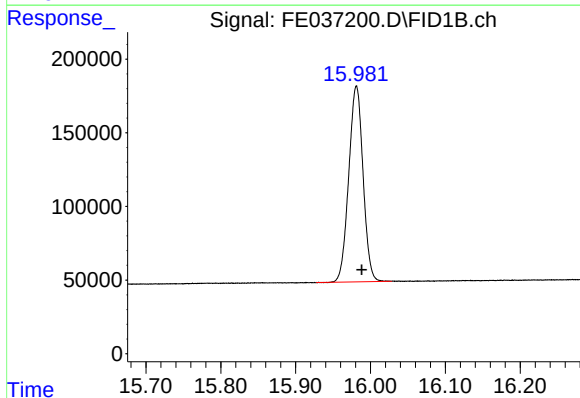
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.007 min
Response: 1821831
Conc: 11.46 ug/ml



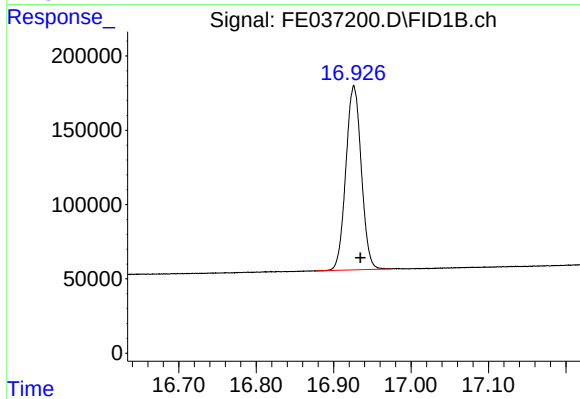
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.007 min
Response: 1798333
Conc: 11.34 ug/ml



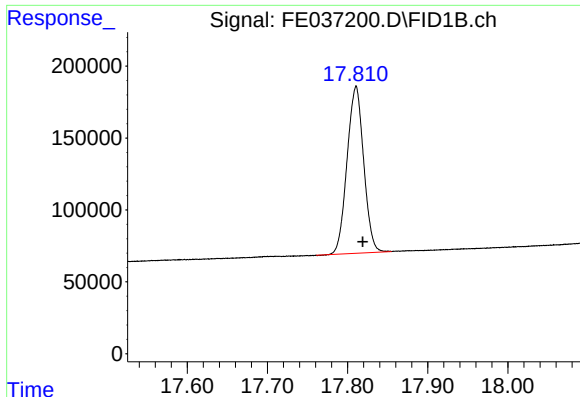
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.007 min
Response: 1765831
Conc: 11.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.008 min
Response: 1715678
Conc: 11.16 ug/ml



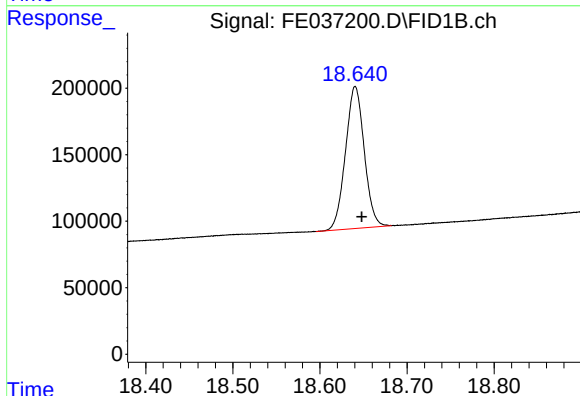
#17 n-Tricontane (C30)

R.T.: 17.811 min

Delta R.T.: -0.008 min

Response: 1668833

Conc: 11.05 ug/ml



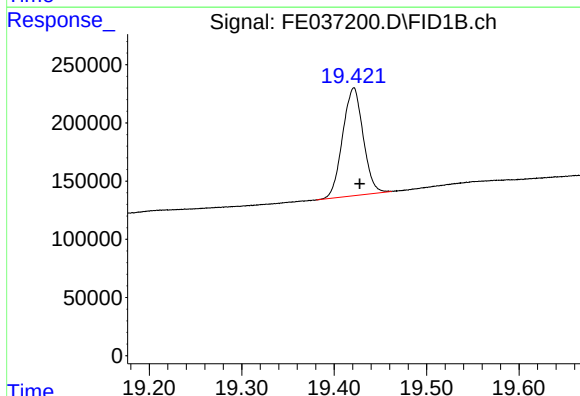
#18 n-Dotriacontane (C32)

R.T.: 18.640 min

Delta R.T.: -0.007 min

Response: 1596800

Conc: 10.97 ug/ml



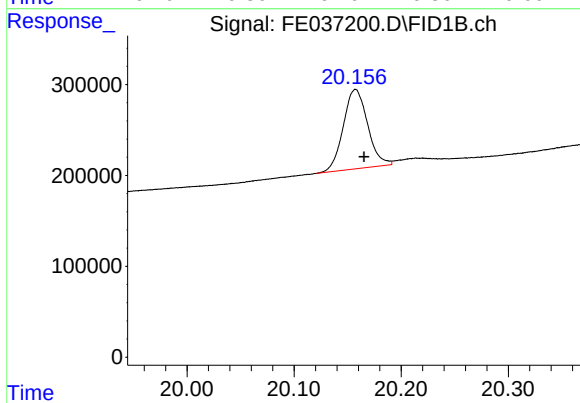
#19 n-Tetratriacontane (C34)

R.T.: 19.421 min

Delta R.T.: -0.006 min

Response: 1428118

Conc: 10.77 ug/ml



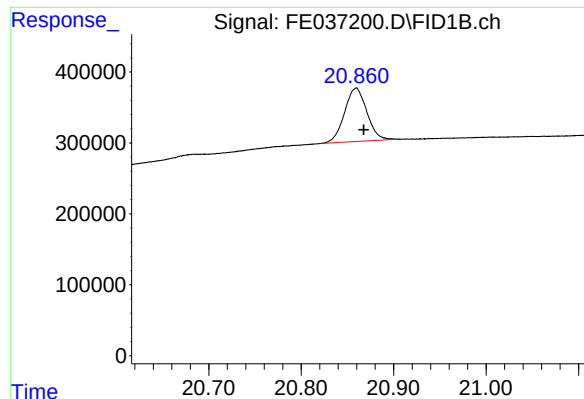
#20 n-Hexatriacontane (C36)

R.T.: 20.157 min

Delta R.T.: -0.008 min

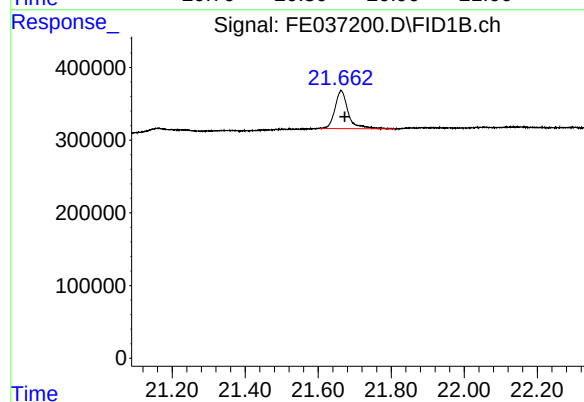
Response: 1382268

Conc: 10.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: -0.008 min
Response: 1263473
Conc: 10.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.010 min
Response: 1302094
Conc: 11.25 ug/ml