

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041221AL\
 Data File : FE033567.D
 Signal(s) : FID1B.CH
 Acq On : 12 Apr 2021 11:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 07:48:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 040921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 09 23:46:40 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.647	8960570	20.043 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
12) S 1-chlorooctadecane (S...	13.081	6888049	19.498 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.437	8095419	20.081 ug/ml
2) T n-Decane (C10)	4.478	8147981	20.100 ug/ml
3) T A~Naphthalene (C11.7)	6.053	9087397	20.045 ug/ml
4) T n-Dodecane (C12)	6.485	8287251	20.112 ug/ml
5) T A~2-methylnaphthalene...	7.110	9280101	20.019 ug/ml
6) T n-Tetradecane (C14)	8.282	8313169	20.107 ug/ml
7) T n-Hexadecane (C16)	9.884	8424582	20.093 ug/ml
8) T n-Octadecane (C18)	11.327	8506742	20.061 ug/ml
10) T n-Eicosane (C20)	12.636	8461402	19.982 ug/ml
11) T n-Heneicosane (C21)	13.249	8548780	19.933 ug/ml
13) T n-Docosane (C22)	13.835	8431906	19.878 ug/ml
14) T n-Tetracosane (C24)	14.938	8309049	19.722 ug/ml
15) T n-Hexacosane (C26)	15.960	8159337	19.531 ug/ml
16) T n-Octacosane (C28)	16.910	7715286	19.260 ug/ml
17) T n-Tricontane (C30)	17.798	7755037	18.967 ug/ml
18) T n-Dotriacontane (C32)	18.631	7492403	18.476 ug/ml
19) T n-Tetratriacontane (C34)	19.415	6942380	17.946 ug/ml
20) T n-Hexatriacontane (C36)	20.156	6617501	17.664 ug/ml
21) T n-Octatriacontane (C38)	20.902	5834349	16.368 ug/ml
22) T n-Tetracontane (C40)	21.832	5211135	15.512 ug/mlm

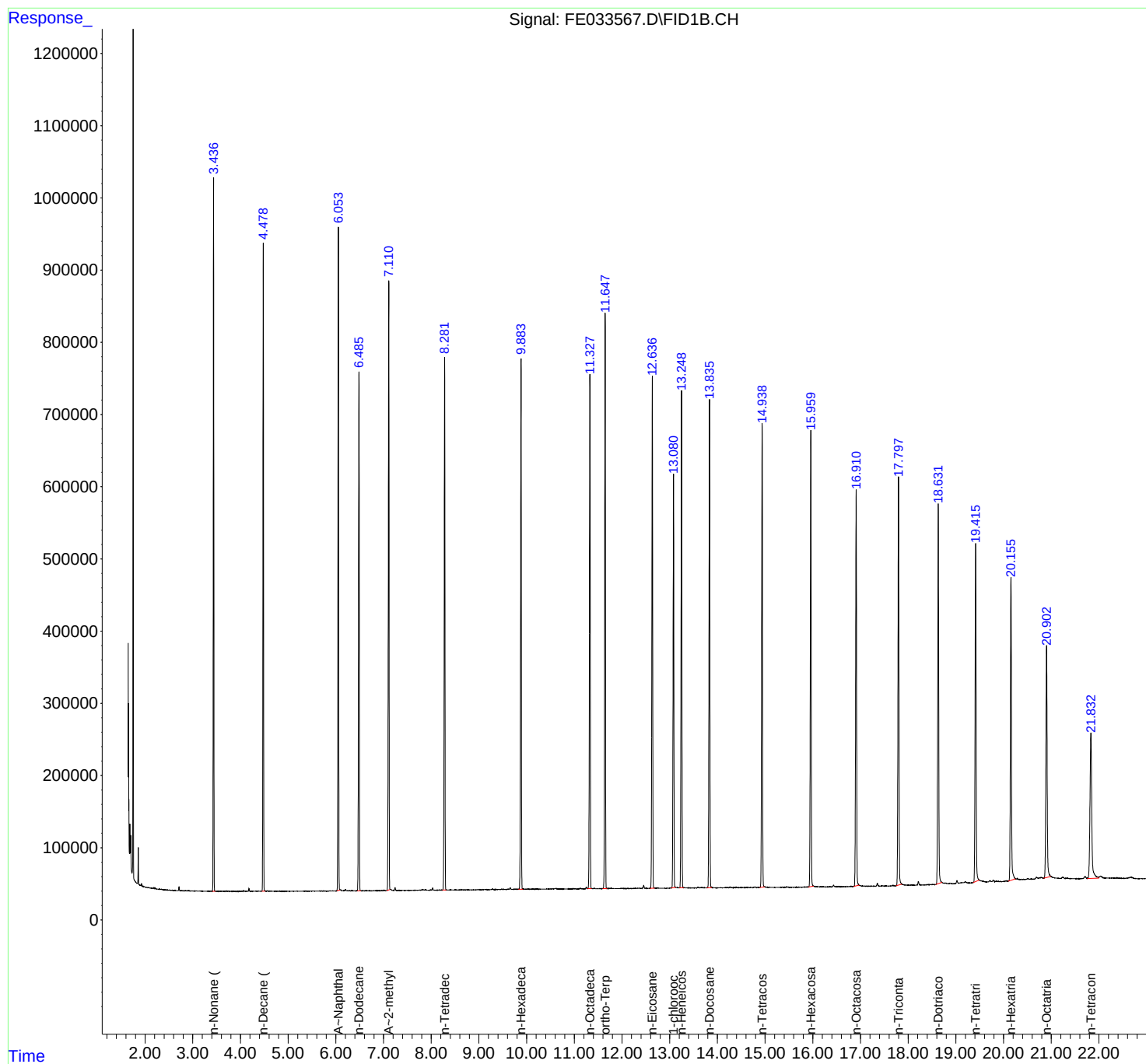
(f)=RT Delta > 1/2 Window

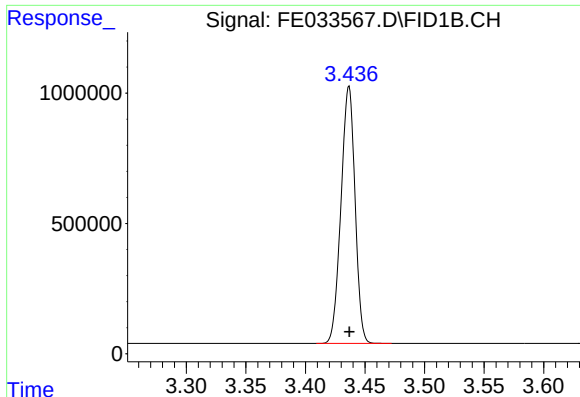
(m)=manual int.

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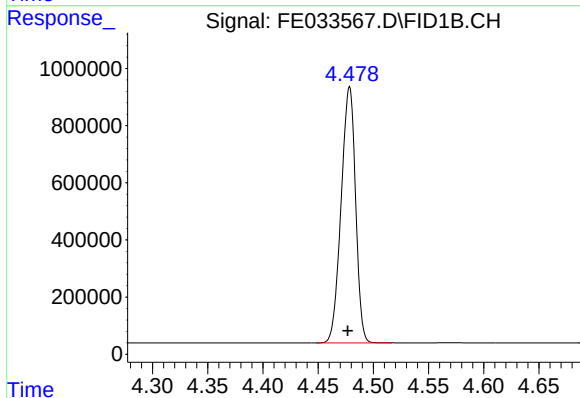
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Signal Info : 20M x 0.18mm x 0.18um





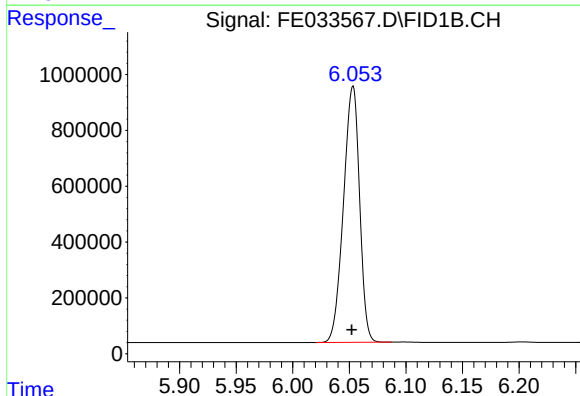
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 8095419
Conc: 20.08 ug/ml



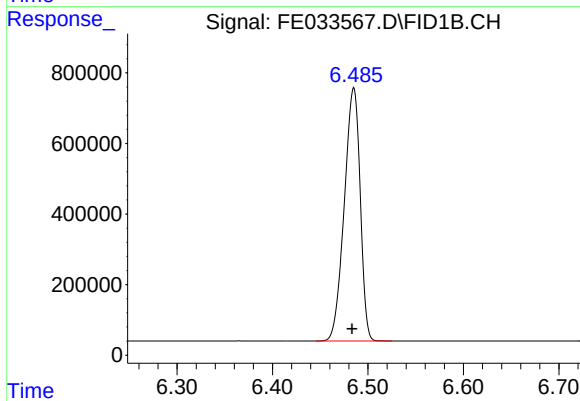
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.002 min
Response: 8147981
Conc: 20.10 ug/ml



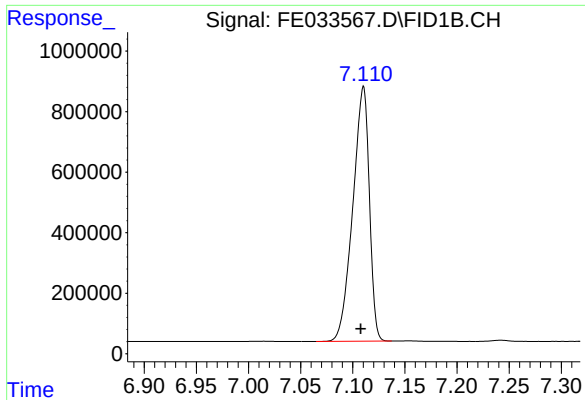
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: 0.001 min
Response: 9087397
Conc: 20.05 ug/ml



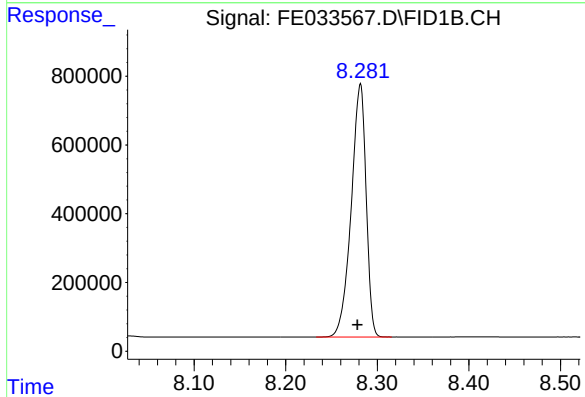
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: 0.002 min
Response: 8287251
Conc: 20.11 ug/ml



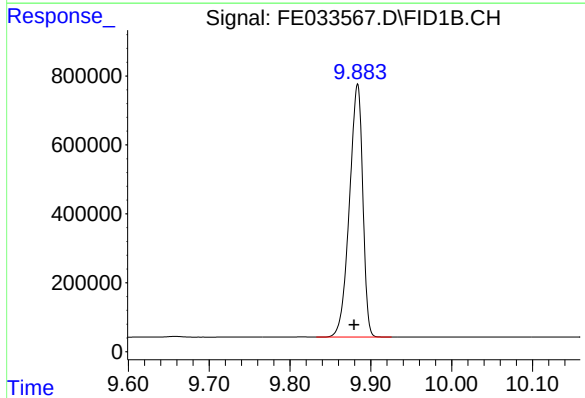
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.110 min
Delta R.T.: 0.003 min
Response: 9280101
Conc: 20.02 ug/ml



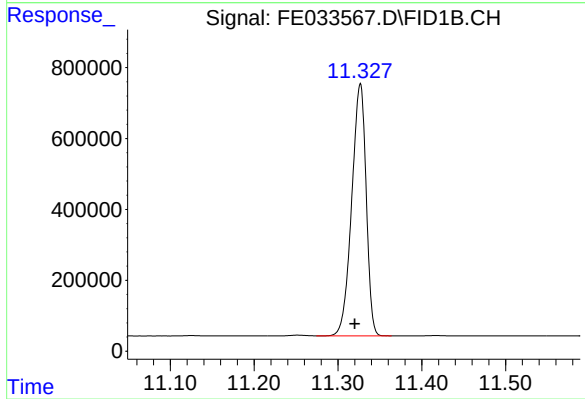
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: 0.003 min
Response: 8313169
Conc: 20.11 ug/ml



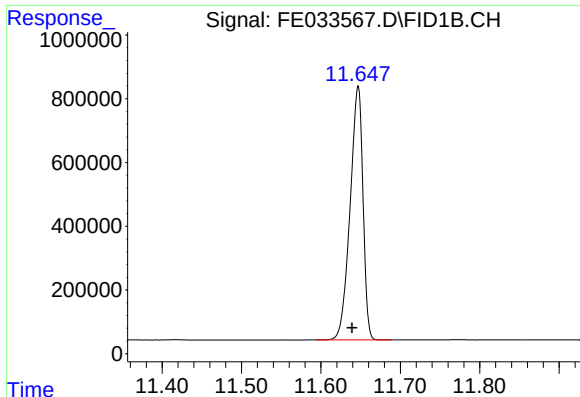
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: 0.005 min
Response: 8424582
Conc: 20.09 ug/ml



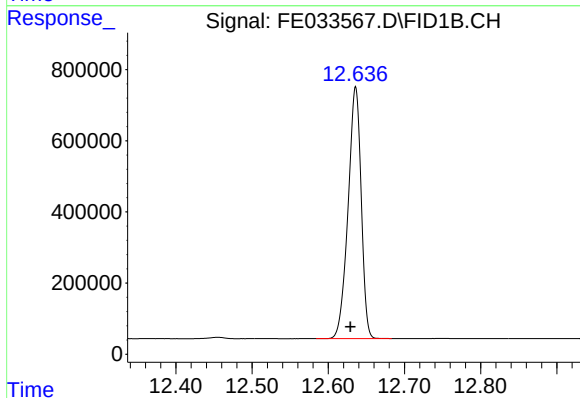
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: 0.007 min
Response: 8506742
Conc: 20.06 ug/ml



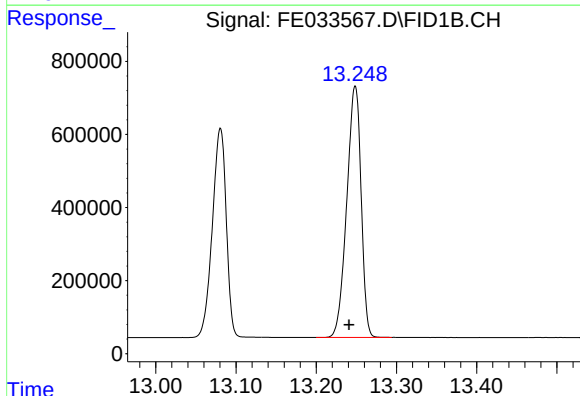
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.008 min
Response: 8960570
Conc: 20.04 ug/ml



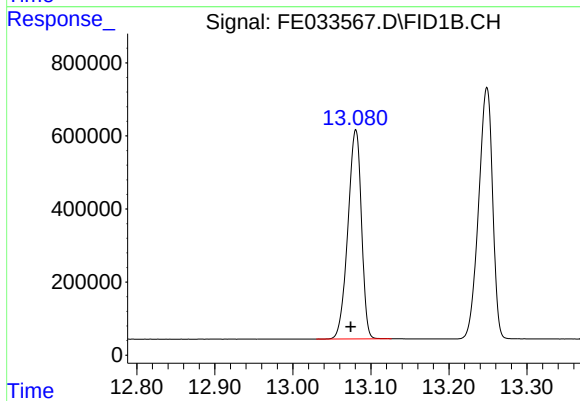
#10 n-Eicosane (C20)

R.T.: 12.636 min
Delta R.T.: 0.007 min
Response: 8461402
Conc: 19.98 ug/ml



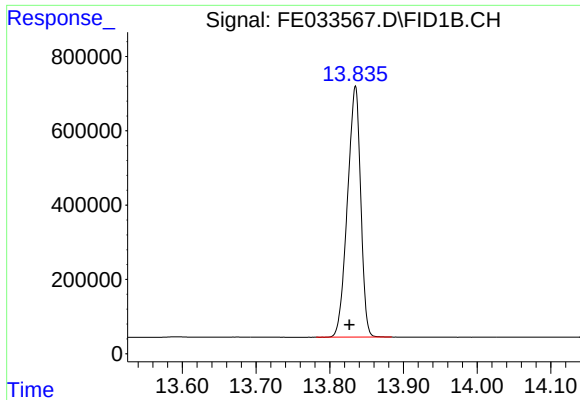
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: 0.008 min
Response: 8548780
Conc: 19.93 ug/ml



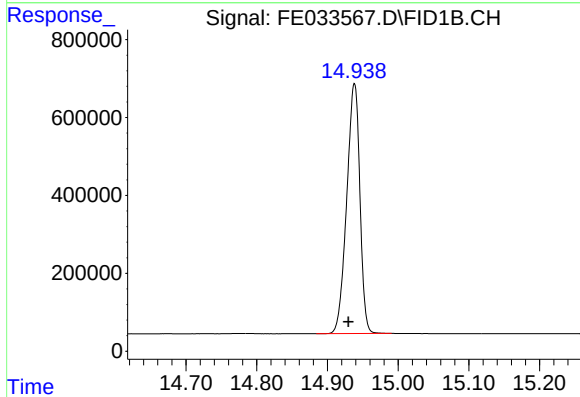
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: 0.006 min
Response: 6888049
Conc: 19.50 ug/ml



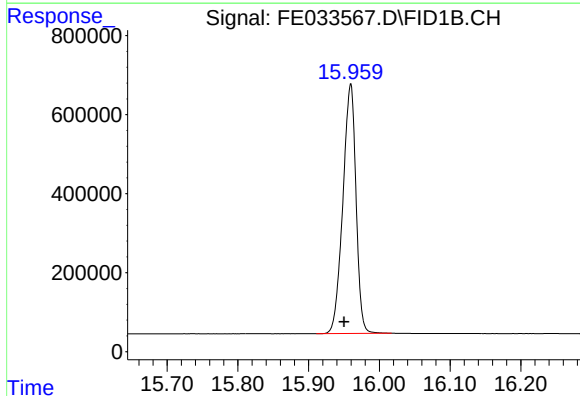
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: 0.008 min
Response: 8431906
Conc: 19.88 ug/ml



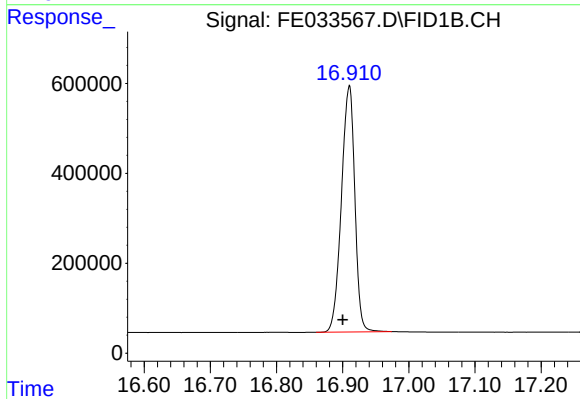
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: 0.009 min
Response: 8309049
Conc: 19.72 ug/ml



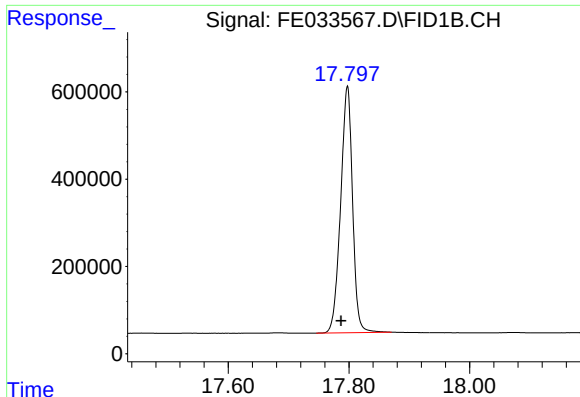
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: 0.010 min
Response: 8159337
Conc: 19.53 ug/ml



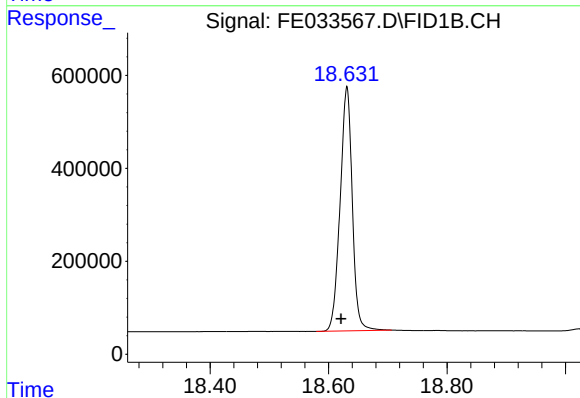
#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.010 min
Response: 7715286
Conc: 19.26 ug/ml



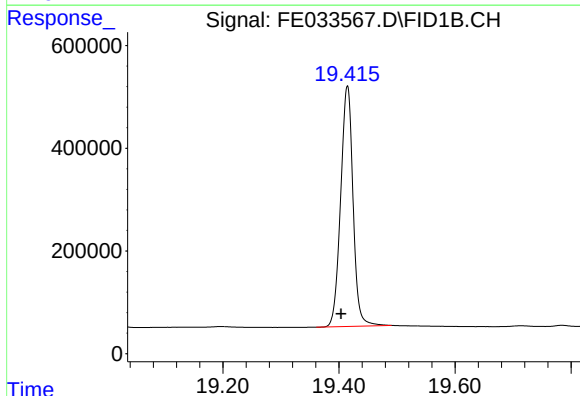
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: 0.011 min
Response: 7755037
Conc: 18.97 ug/ml



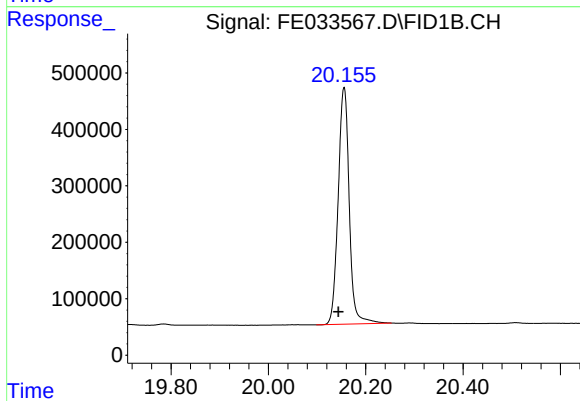
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.010 min
Response: 7492403
Conc: 18.48 ug/ml



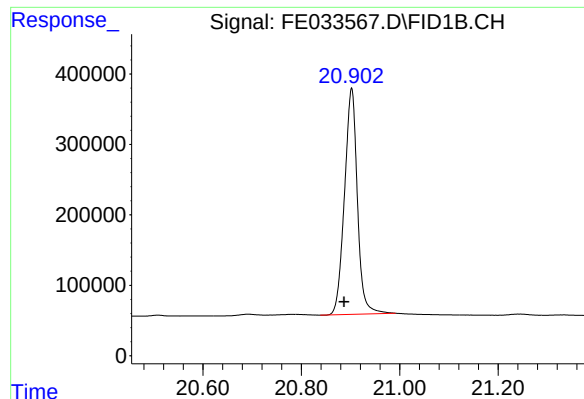
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.011 min
Response: 6942380
Conc: 17.95 ug/ml



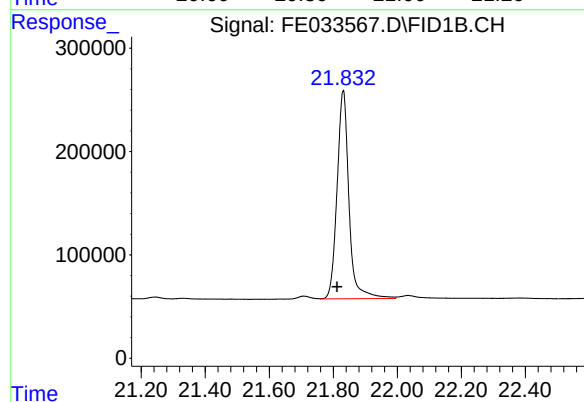
#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: 0.011 min
Response: 6617501
Conc: 17.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.902 min
Delta R.T.: 0.015 min
Response: 5834349
Conc: 16.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.832 min
Delta R.T.: 0.020 min
Response: 5211135
Conc: 15.51 ug/ml m