

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041221AL\
 Data File : FE033570.D
 Signal(s) : FID1B.CH
 Acq On : 12 Apr 2021 13:59
 Operator : DD\AJ
 Sample : M1458-01
 Misc : ALIPHATIC LOD 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 13 07:49:27 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			
12) S 1-chlorooctadecane (S...	13.088	16299734	46.139 ug/ml
Spiked Amount 50.000		Recovery =	92.28%
Target Compounds			
1) T n-Nonane (C9)	3.434	1527815	3.790 ug/ml
2) T n-Decane (C10)	4.476	1550275	3.824 ug/ml
4) T n-Dodecane (C12)	6.482	1589339	3.857 ug/ml
6) T n-Tetradecane (C14)	8.278	1627694	3.937 ug/ml
7) T n-Hexadecane (C16)	9.878	1653191	3.943 ug/ml
8) T n-Octadecane (C18)	11.320	1721528	4.060 ug/ml
10) T n-Eicosane (C20)	12.630	1666202	3.935 ug/ml
11) T n-Heneicosane (C21)	13.242	1667211	3.887 ug/ml
13) T n-Docosane (C22)	13.829	1655414	3.903 ug/ml
14) T n-Tetracosane (C24)	14.932	1622601	3.851 ug/ml
15) T n-Hexacosane (C26)	15.953	1577734	3.777 ug/ml
16) T n-Octacosane (C28)	16.903	1512441	3.776 ug/ml
17) T n-Tricontane (C30)	17.792	1513205	3.701 ug/ml
18) T n-Dotriacontane (C32)	18.625	1434233	3.537 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1293758	3.344 ug/ml
20) T n-Hexatriacontane (C36)	20.149	1062833	2.837 ug/ml
21) T n-Octatriacontane (C38)	20.896	938076	2.632 ug/ml
22) T n-Tetracontane (C40)	21.824	753867	2.244 ug/ml

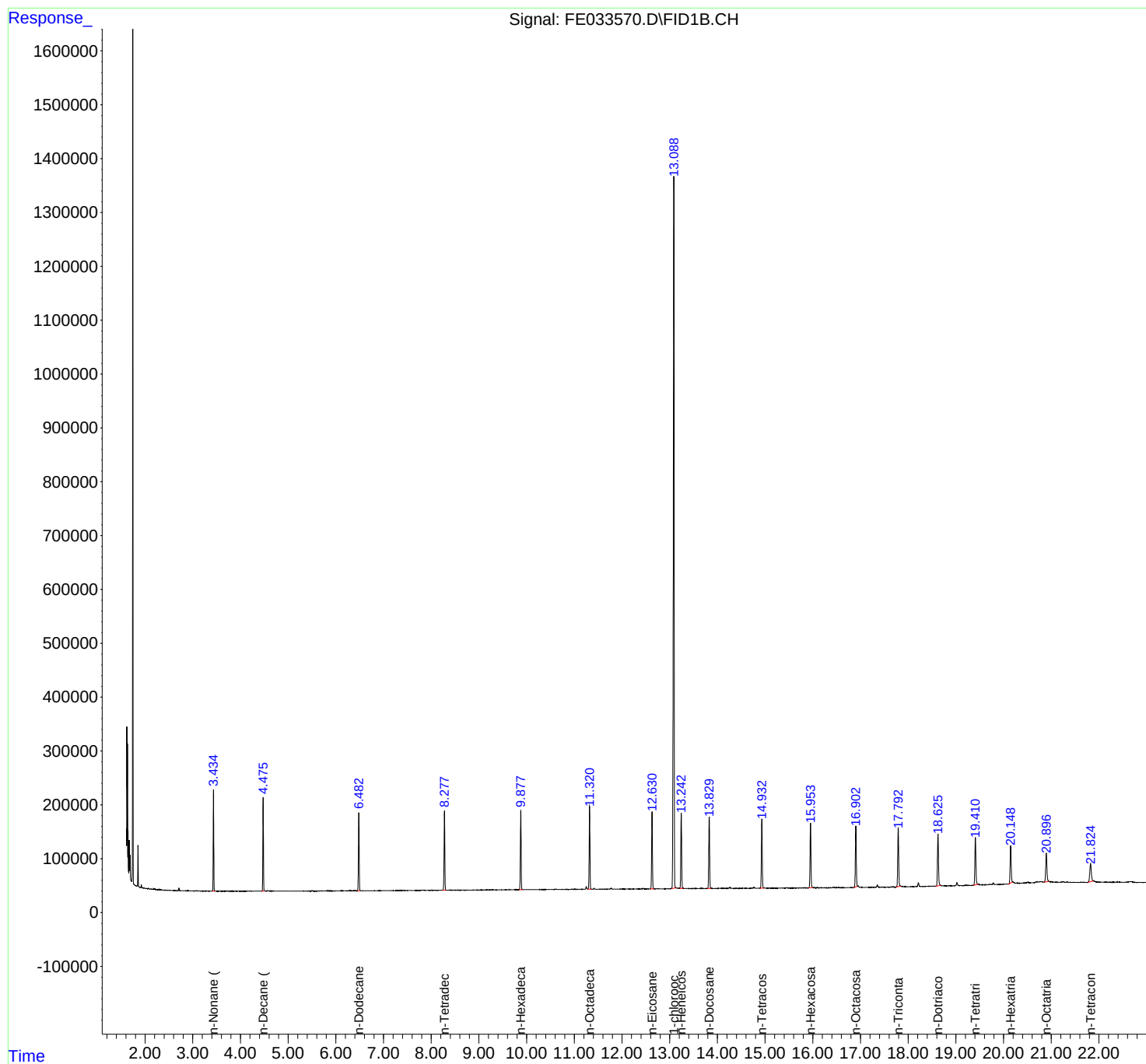
(f)=RT Delta > 1/2 Window

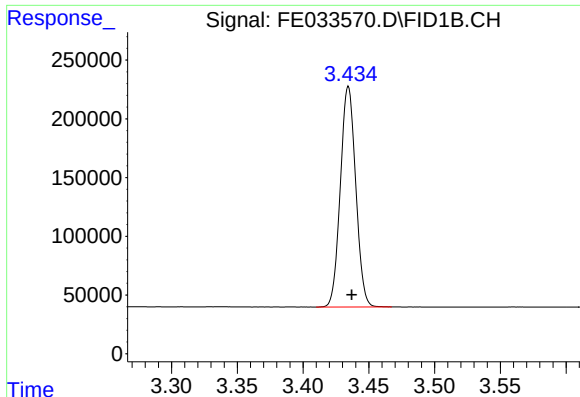
(m)=manual int.

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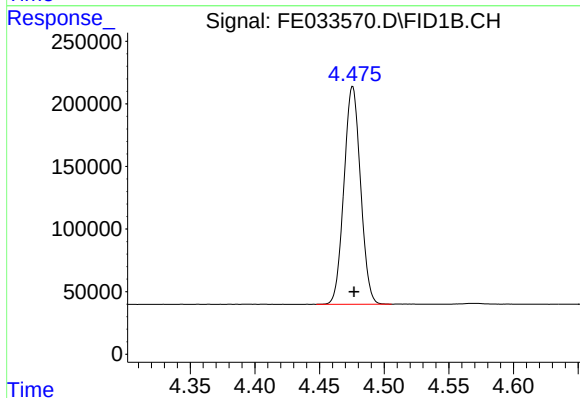
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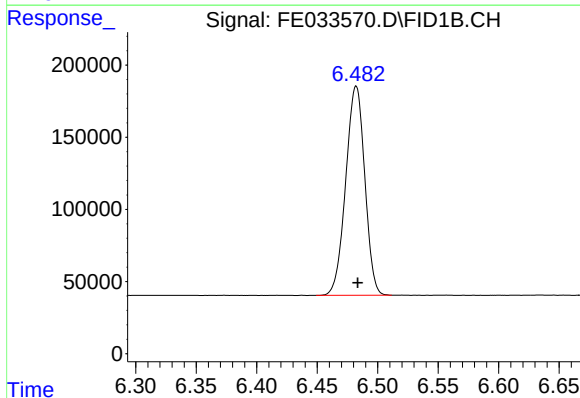
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: -0.002 min
Response: 1527815
Conc: 3.79 ug/ml



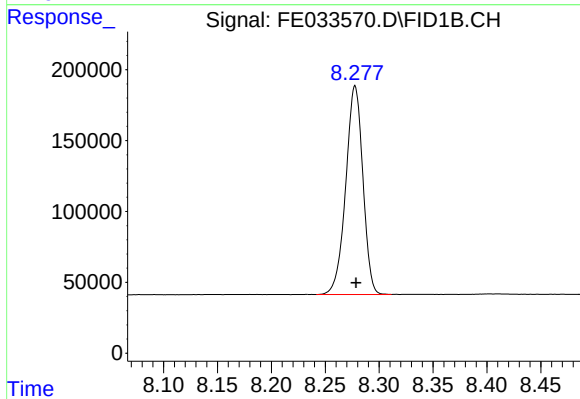
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 1550275
Conc: 3.82 ug/ml



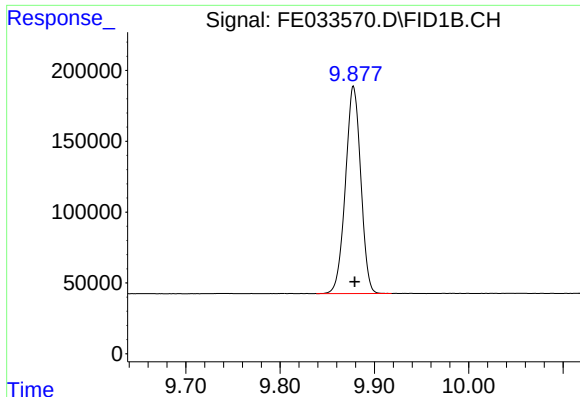
#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.001 min
Response: 1589339
Conc: 3.86 ug/ml



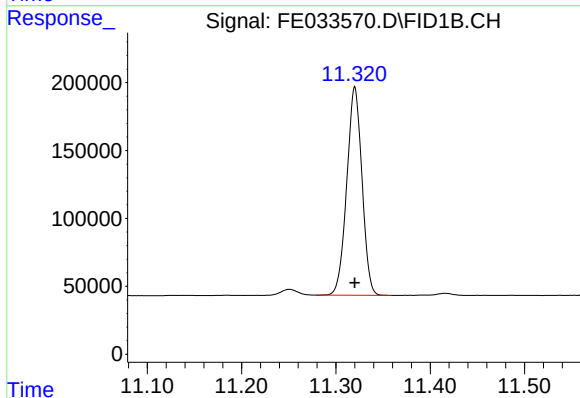
#6 n-Tetradecane (C14)

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 1627694
Conc: 3.94 ug/ml



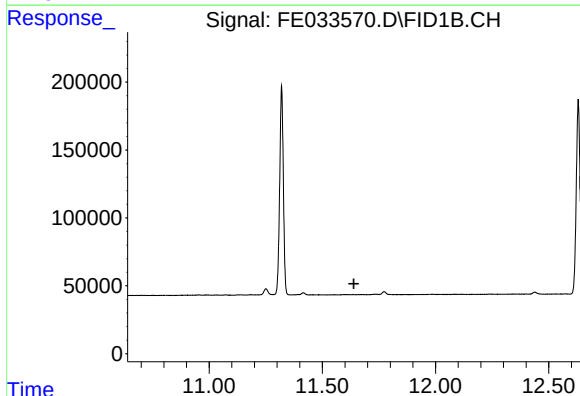
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: -0.001 min
Response: 1653191
Conc: 3.94 ug/ml



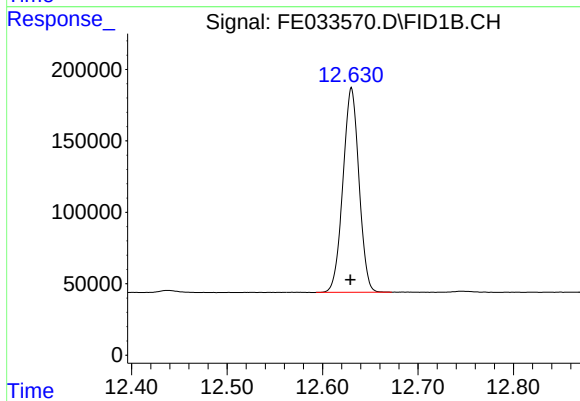
#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: 0.000 min
Response: 1721528
Conc: 4.06 ug/ml



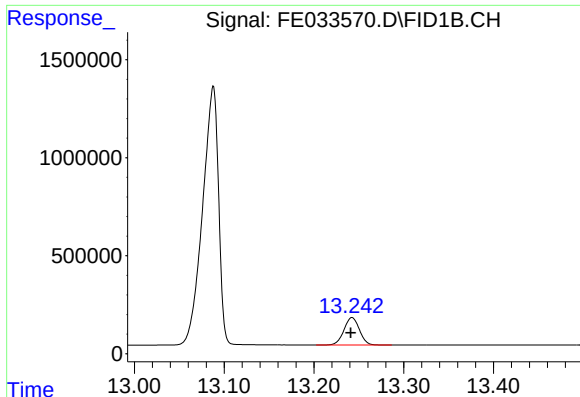
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.639 min
Response: 0
Conc: N.D.



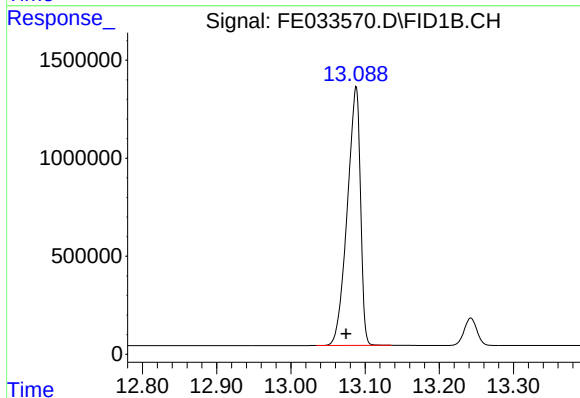
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: 0.001 min
Response: 1666202
Conc: 3.93 ug/ml



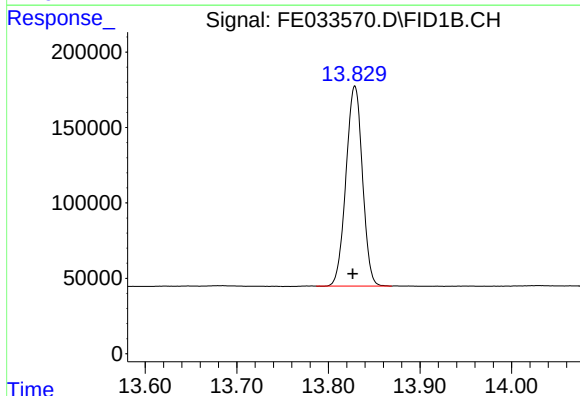
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: 0.001 min
Response: 1667211
Conc: 3.89 ug/ml



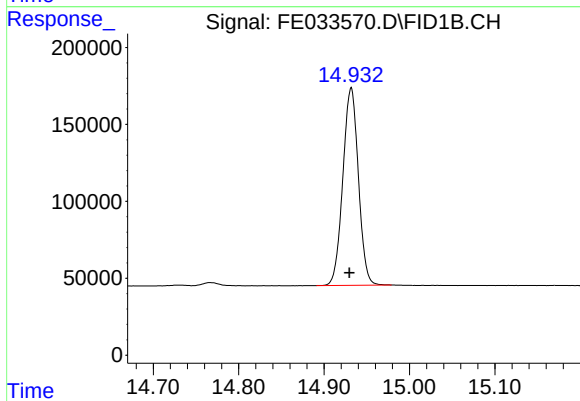
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: 0.014 min
Response: 16299734
Conc: 46.14 ug/ml



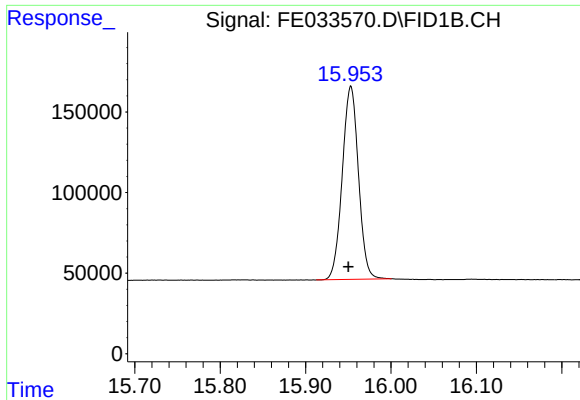
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: 0.002 min
Response: 1655414
Conc: 3.90 ug/ml



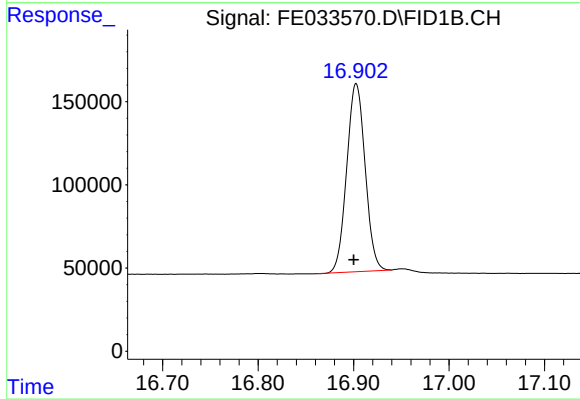
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: 0.002 min
Response: 1622601
Conc: 3.85 ug/ml



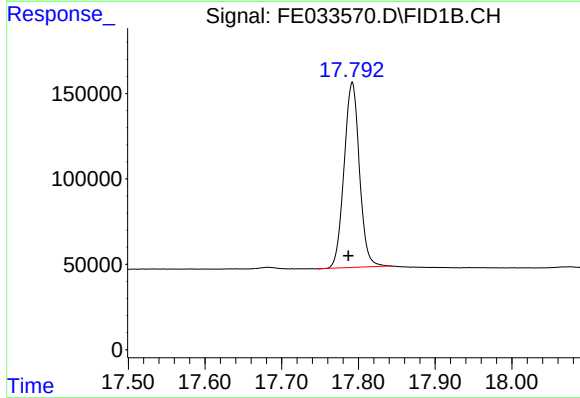
#15 n-Hexacosane (C26)

R.T.: 15.953 min
Delta R.T.: 0.003 min
Response: 1577734
Conc: 3.78 ug/ml



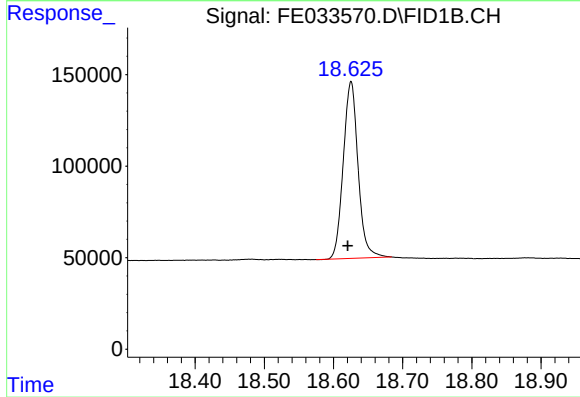
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: 0.003 min
Response: 1512441
Conc: 3.78 ug/ml



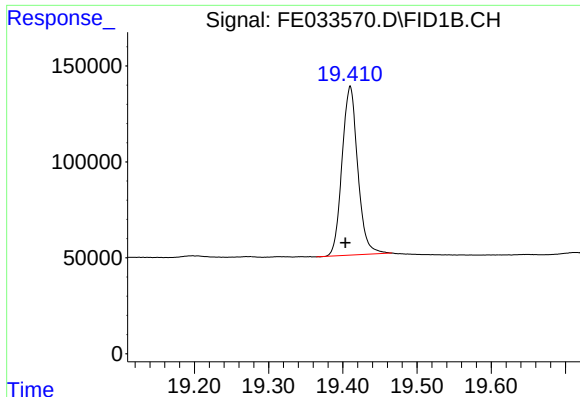
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: 0.005 min
Response: 1513205
Conc: 3.70 ug/ml



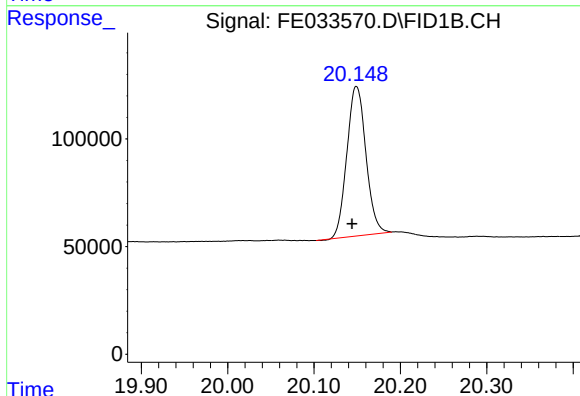
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.005 min
Response: 1434233
Conc: 3.54 ug/ml



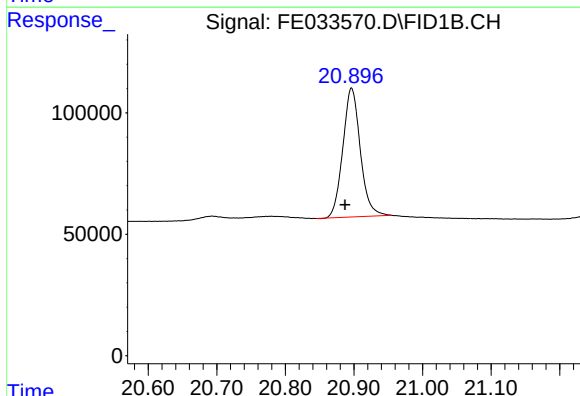
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.006 min
Response: 1293758
Conc: 3.34 ug/ml



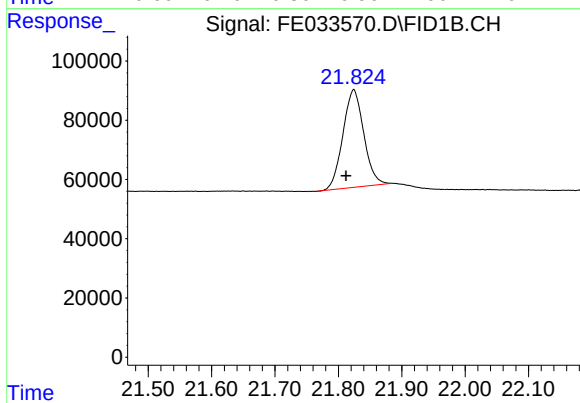
#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: 0.005 min
Response: 1062833
Conc: 2.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.896 min
Delta R.T.: 0.010 min
Response: 938076
Conc: 2.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.824 min
Delta R.T.: 0.012 min
Response: 753867
Conc: 2.24 ug/ml