

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060622AL\
 Data File : FE035934.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 2:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 03:50:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 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)	10.950	2610760	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	12.380	2011406	19.229 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	2.802	2477971	20.748 ug/ml
2) T n-Decane (C10)	3.816	2462140	20.806 ug/ml
3) T A~Naphthalene (C11.7)	5.383	2686969	20.109 ug/ml
4) T n-Dodecane (C12)	5.805	2461690	20.547 ug/ml
5) T A~2-methylnaphthalene...	6.432	2691017	19.899 ug/ml
6) T n-Tetradecane (C14)	7.594	2426008	20.354 ug/ml
7) T n-Hexadecane (C16)	9.191	2402892	20.152 ug/ml
8) T n-Octadecane (C18)	10.630	2388439	19.924 ug/ml
10) T n-Eicosane (C20)	11.937	2346565	19.669 ug/ml
11) T n-Heneicosane (C21)	12.546	2342047	19.506 ug/ml
13) T n-Docosane (C22)	13.131	2341982	19.447 ug/ml
14) T n-Tetracosane (C24)	14.232	2332896	19.280 ug/ml
15) T n-Hexacosane (C26)	15.250	2308629	19.078 ug/ml
16) T n-Octacosane (C28)	16.197	2313459	19.089 ug/ml
17) T n-Tricontane (C30)	17.083	2326674	19.350 ug/ml
18) T n-Dotriacontane (C32)	17.914	2249511	19.574 ug/ml
19) T n-Tetratriacontane (C34)	18.694	2129125	19.682 ug/ml
20) T n-Hexatriacontane (C36)	19.434	2025452	20.107 ug/ml
21) T n-Octatriacontane (C38)	20.168	1978543	20.766 ug/ml
22) T n-Tetracontane (C40)	21.081	2019247	21.622 ug/ml

(f)=RT Delta > 1/2 Window

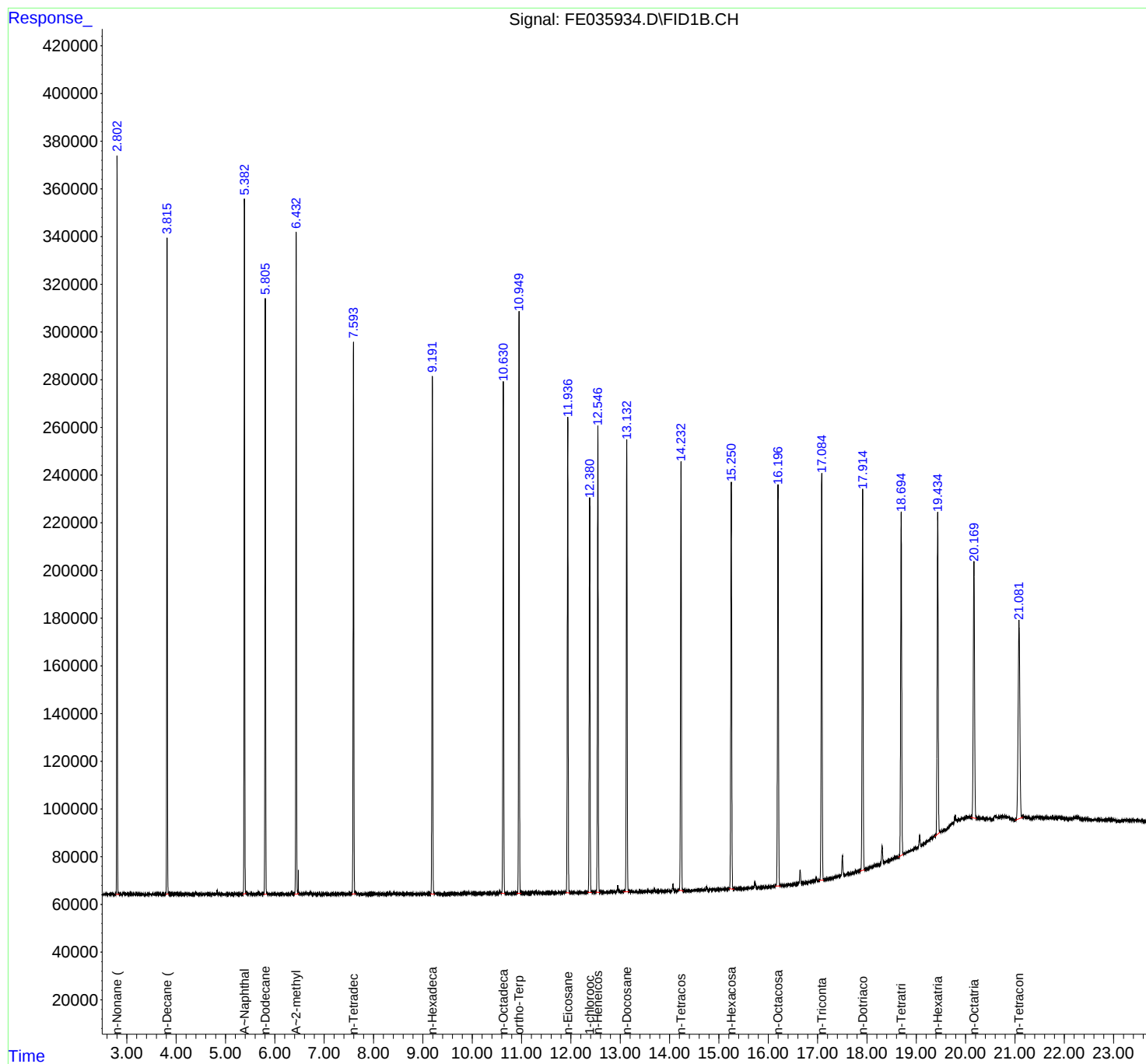
(m)=manual int.

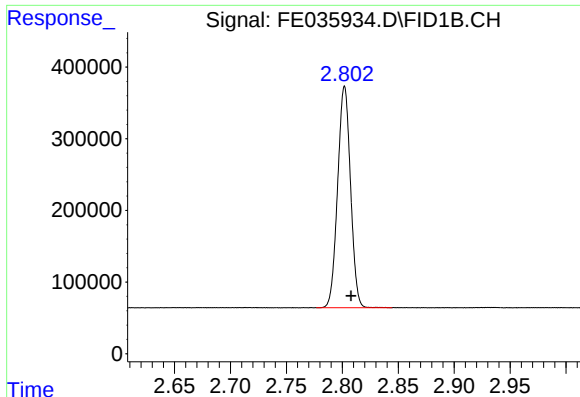
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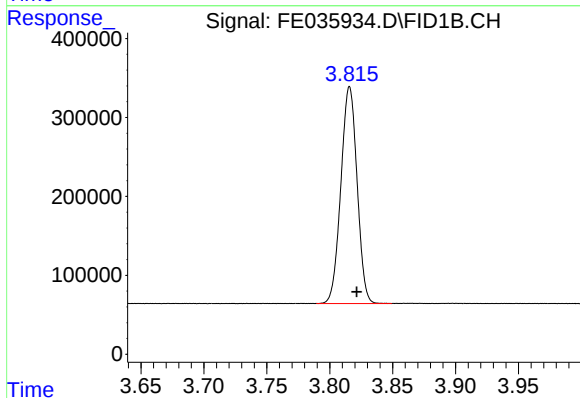




#1 n-Nonane (C9)

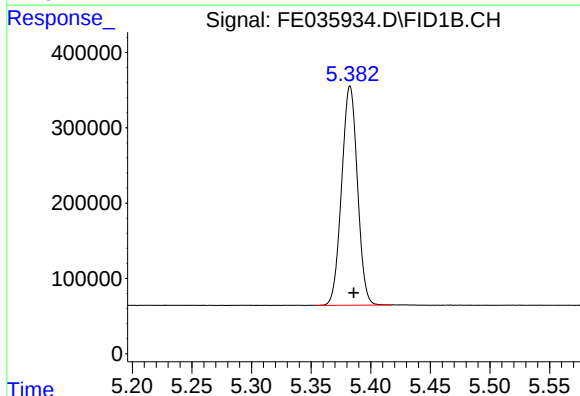
R.T.: 2.802 min
Delta R.T.: -0.006 min
Response: 2477971
Conc: 20.75 ug/ml

Instrument :
FID_E
ClientSampleId :



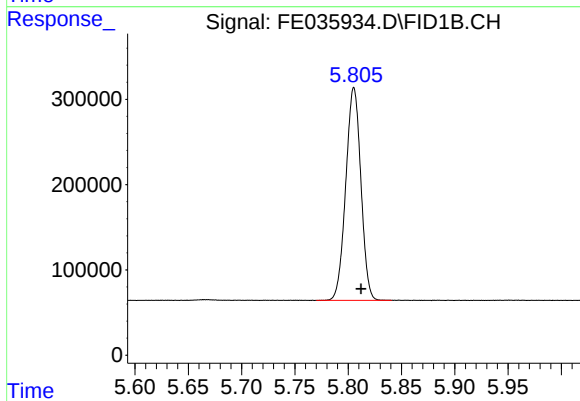
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: -0.006 min
Response: 2462140
Conc: 20.81 ug/ml



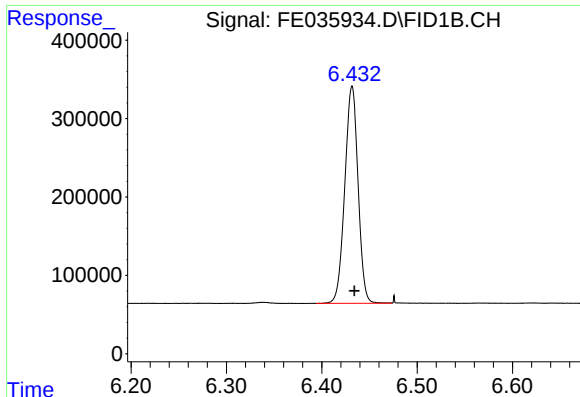
#3 A~Naphthalene (C11.7)

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 2686969
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

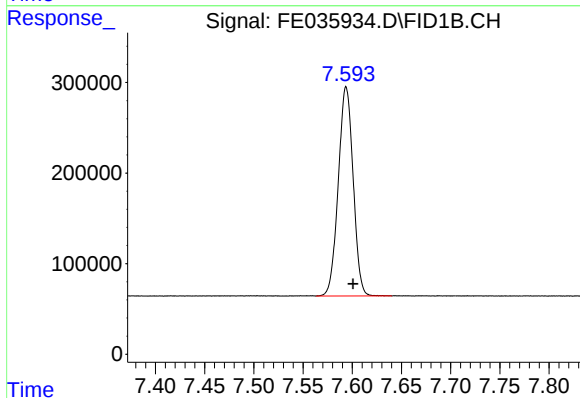
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 2461690
Conc: 20.55 ug/ml



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

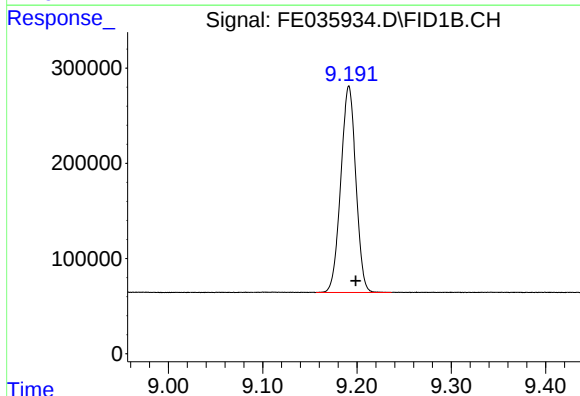
R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 2691017
Conc: 19.90 ug/ml

Instrument :
FID_E
ClientSampleId :



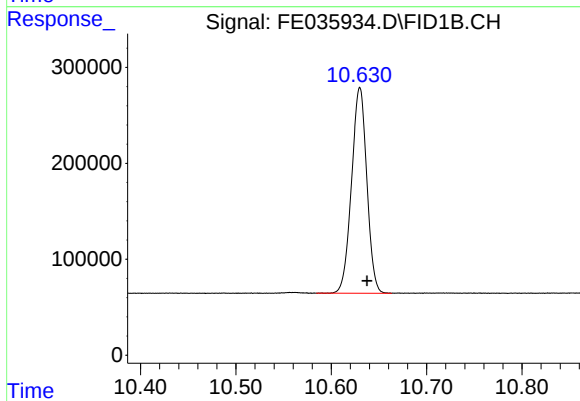
#6 n-Tetradecane (C14)

R.T.: 7.594 min
Delta R.T.: -0.007 min
Response: 2426008
Conc: 20.35 ug/ml



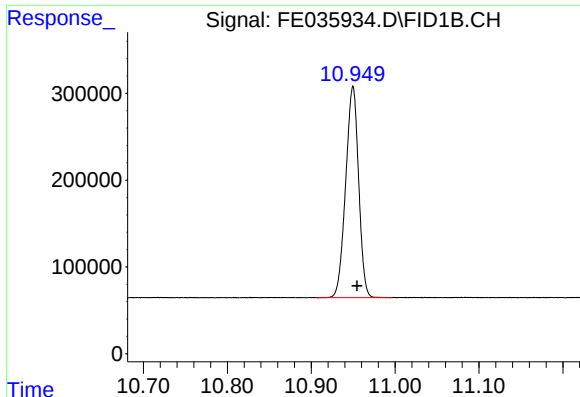
#7 n-Hexadecane (C16)

R.T.: 9.191 min
Delta R.T.: -0.007 min
Response: 2402892
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

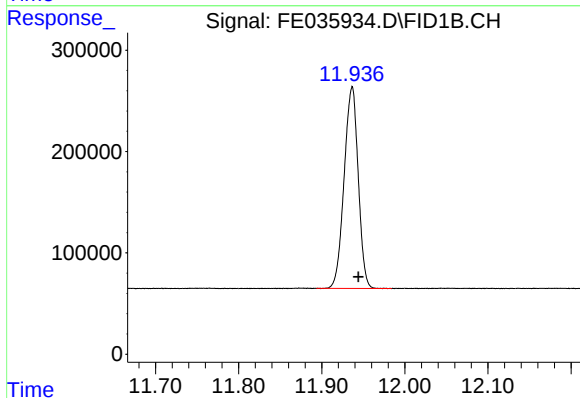
R.T.: 10.630 min
Delta R.T.: -0.007 min
Response: 2388439
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

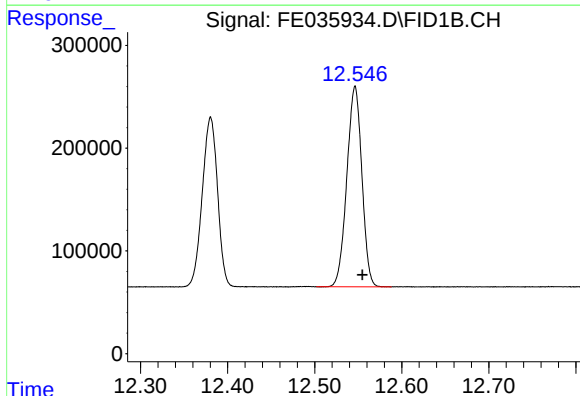
R.T.: 10.950 min
Delta R.T.: -0.005 min
Response: 2610760
Conc: 19.68 ug/ml

Instrument :
FID_E
ClientSampleId :



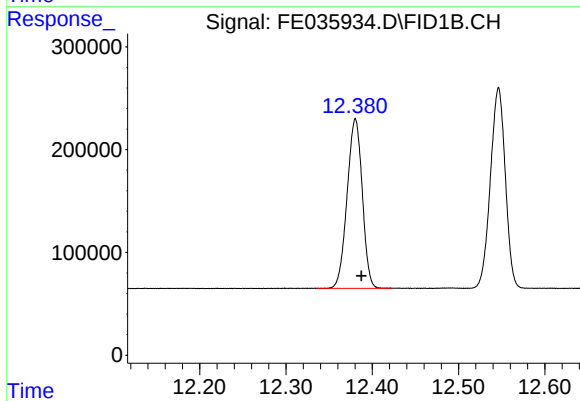
#10 n-Eicosane (C20)

R.T.: 11.937 min
Delta R.T.: -0.008 min
Response: 2346565
Conc: 19.67 ug/ml



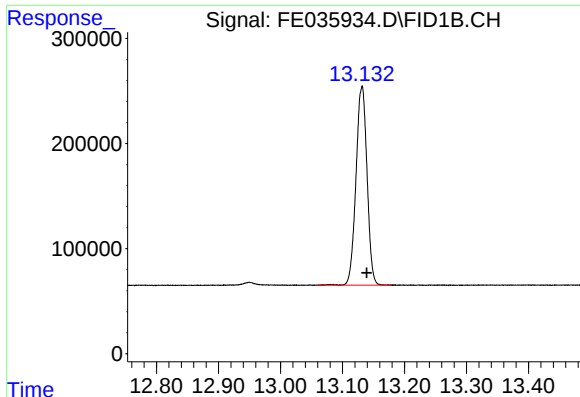
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.008 min
Response: 2342047
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

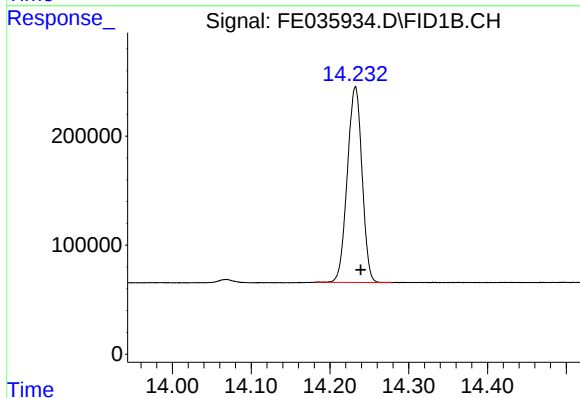
R.T.: 12.380 min
Delta R.T.: -0.007 min
Response: 2011406
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

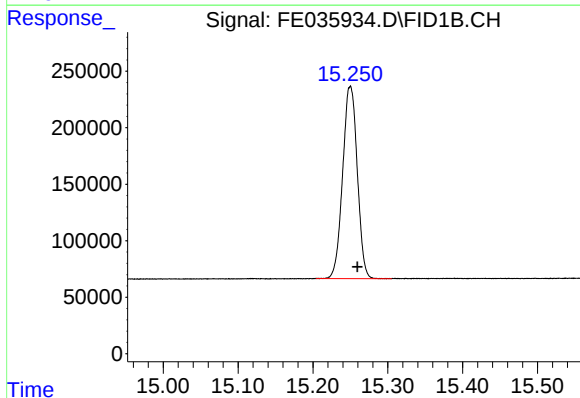
R.T.: 13.131 min
Delta R.T.: -0.008 min
Response: 2341982
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :



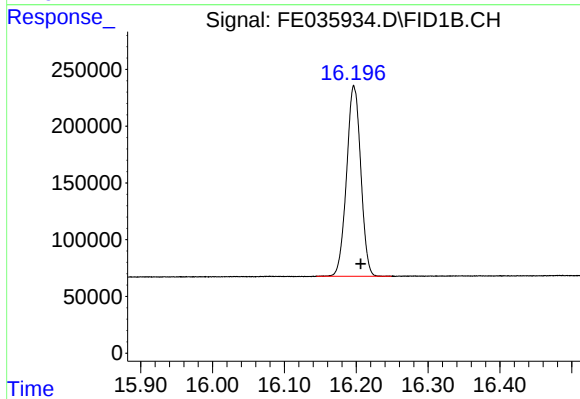
#14 n-Tetracosane (C24)

R.T.: 14.232 min
Delta R.T.: -0.007 min
Response: 2332896
Conc: 19.28 ug/ml



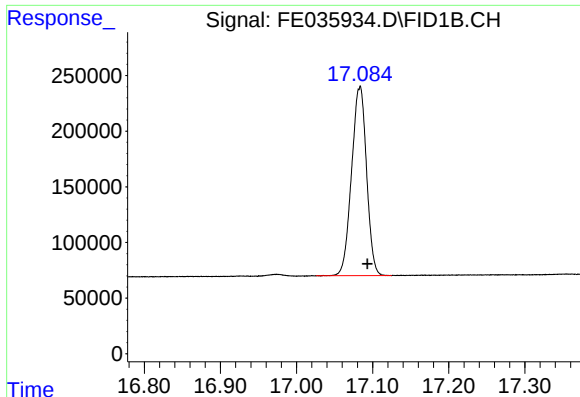
#15 n-Hexacosane (C26)

R.T.: 15.250 min
Delta R.T.: -0.009 min
Response: 2308629
Conc: 19.08 ug/ml



#16 n-Octacosane (C28)

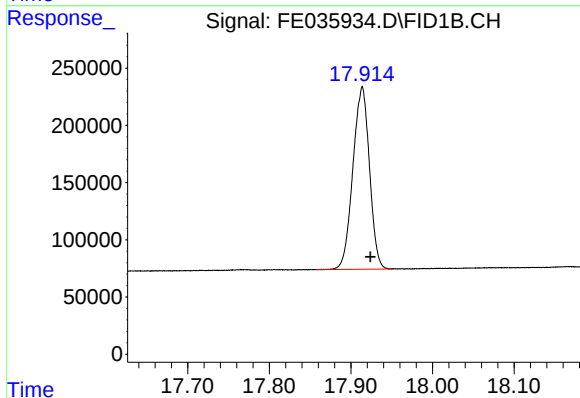
R.T.: 16.197 min
Delta R.T.: -0.010 min
Response: 2313459
Conc: 19.09 ug/ml



#17 n-Tricontane (C30)

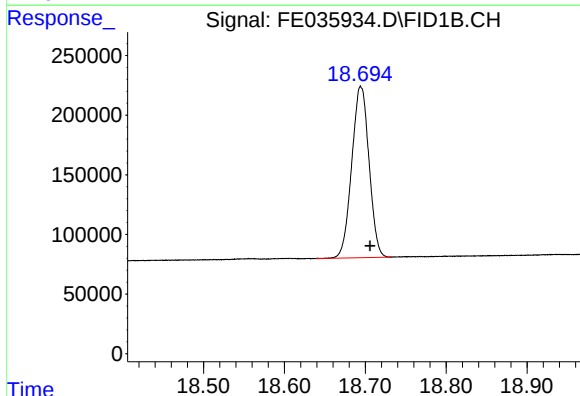
R.T.: 17.083 min
Delta R.T.: -0.010 min
Response: 2326674
Conc: 19.35 ug/ml

Instrument :
FID_E
ClientSampleId :



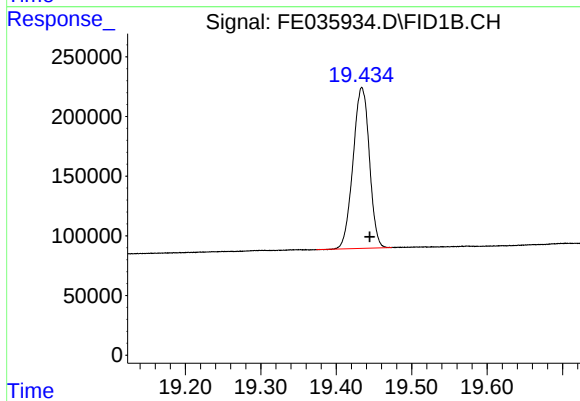
#18 n-Dotriacontane (C32)

R.T.: 17.914 min
Delta R.T.: -0.010 min
Response: 2249511
Conc: 19.57 ug/ml



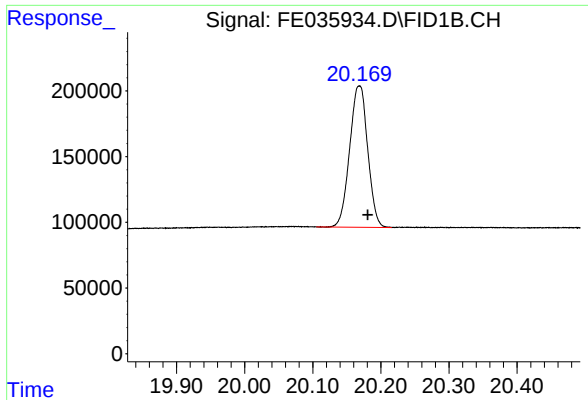
#19 n-Tetratriacontane (C34)

R.T.: 18.694 min
Delta R.T.: -0.011 min
Response: 2129125
Conc: 19.68 ug/ml



#20 n-Hexatriacontane (C36)

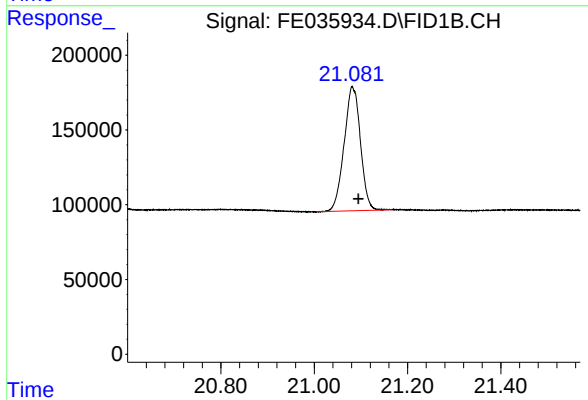
R.T.: 19.434 min
Delta R.T.: -0.011 min
Response: 2025452
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.168 min
Delta R.T.: -0.012 min
Response: 1978543
Conc: 20.77 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.081 min
Delta R.T.: -0.013 min
Response: 2019247
Conc: 21.62 ug/ml