

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061422AL\
 Data File : FE036030.D
 Signal(s) : FID1B.CH
 Acq On : 14 Jun 2022 15:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 15 04:19:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 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)	10.869	2751412	20.143 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	12.309	2103629	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T n-Nonane (C9)	2.726	2627301	20.809 ug/ml
2) T n-Decane (C10)	3.736	2583325	20.742 ug/ml
3) T A~Naphthalene (C11.7)	5.295	2839298	20.398 ug/ml
4) T n-Dodecane (C12)	5.725	2591378	20.603 ug/ml
5) T A~2-methylnaphthalene...	6.344	2844877	20.357 ug/ml
6) T n-Tetradecane (C14)	7.516	2529133	20.236 ug/ml
7) T n-Hexadecane (C16)	9.115	2480724	20.269 ug/ml
8) T n-Octadecane (C18)	10.557	2468228	20.278 ug/ml
10) T n-Eicosane (C20)	11.864	2437260	20.181 ug/ml
11) T n-Heneicosane (C21)	12.477	2444171	20.184 ug/ml
13) T n-Docosane (C22)	13.063	2437595	20.180 ug/ml
14) T n-Tetracosane (C24)	14.166	2439167	20.093 ug/ml
15) T n-Hexacosane (C26)	15.186	2432115	20.025 ug/ml
16) T n-Octacosane (C28)	16.136	2431896	19.987 ug/ml
17) T n-Tricontane (C30)	17.022	2429236	20.061 ug/ml
18) T n-Dotriacontane (C32)	17.854	2333221	19.972 ug/ml
19) T n-Tetratriacontane (C34)	18.637	2206266	20.163 ug/ml
20) T n-Hexatriacontane (C36)	19.378	2072834	20.316 ug/ml
21) T n-Octatriacontane (C38)	20.105	1988059	20.212 ug/ml
22) T n-Tetracontane (C40)	20.995	1958632	20.114 ug/ml

(f)=RT Delta > 1/2 Window

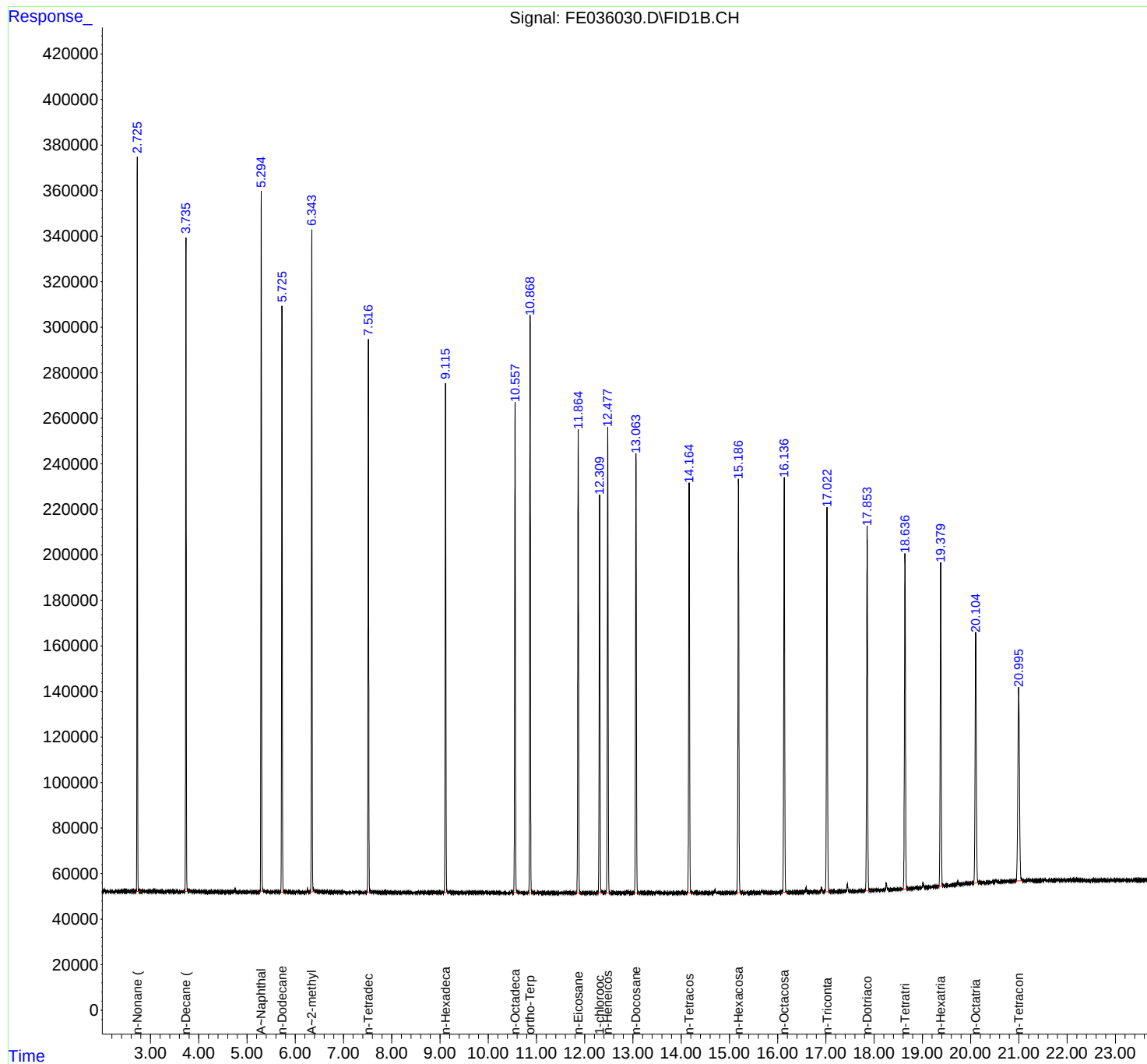
(m)=manual int.

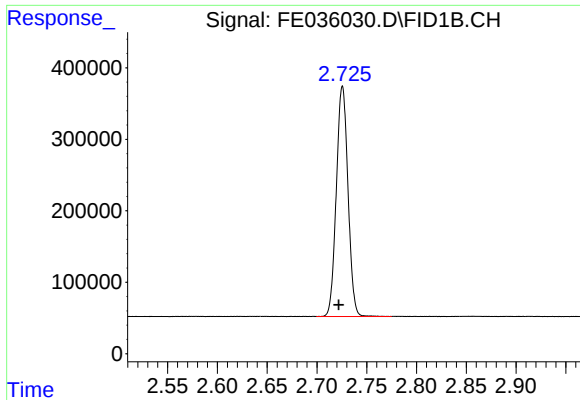
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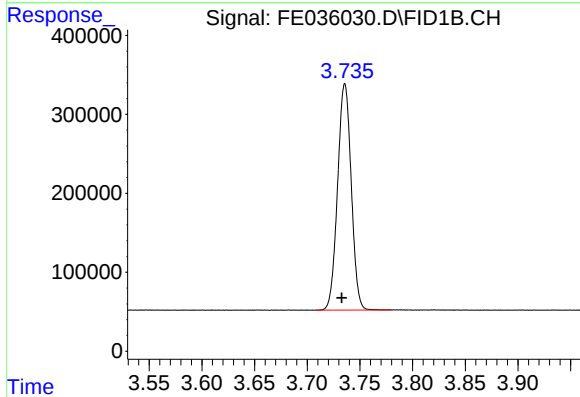




#1 n-Nonane (C9)

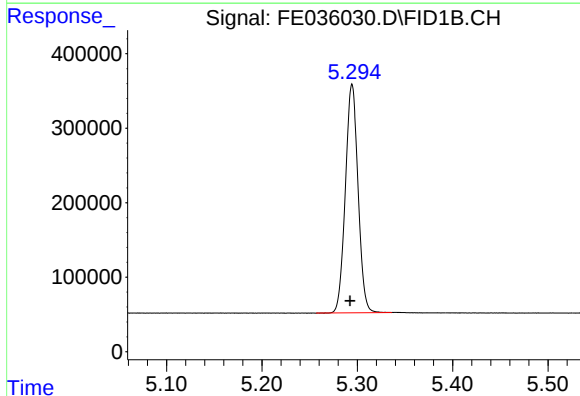
R.T.: 2.726 min
Delta R.T.: 0.004 min
Response: 2627301
Conc: 20.81 ug/ml

Instrument :
FID_E
ClientSampleId :



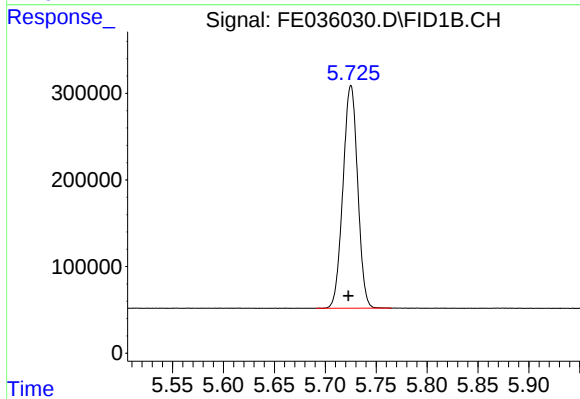
#2 n-Decane (C10)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 2583325
Conc: 20.74 ug/ml



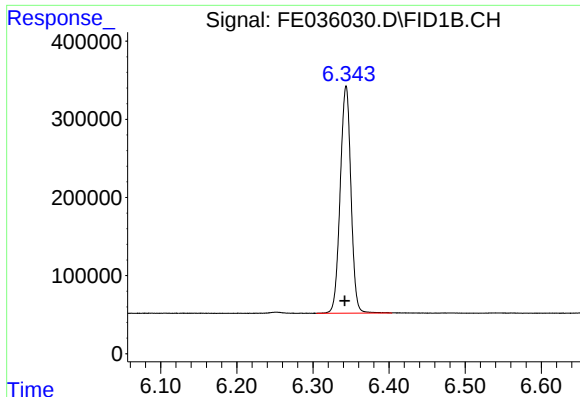
#3 A~Naphthalene (C11.7)

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 2839298
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

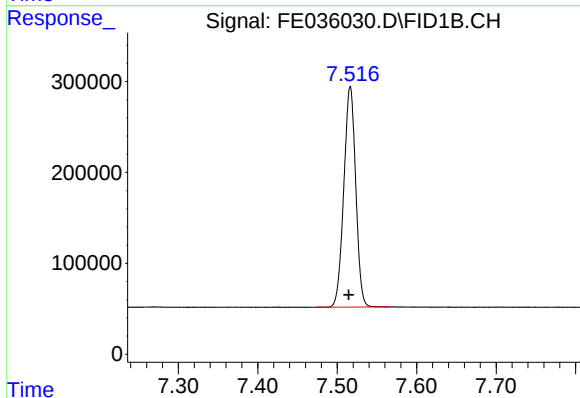
R.T.: 5.725 min
Delta R.T.: 0.003 min
Response: 2591378
Conc: 20.60 ug/ml



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

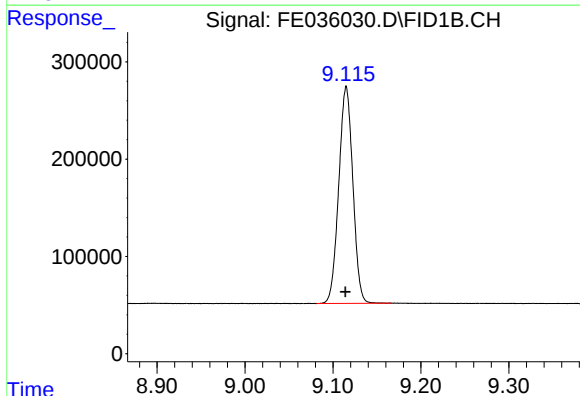
R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 2844877
Conc: 20.36 ug/ml

Instrument :
FID_E
ClientSampleId :



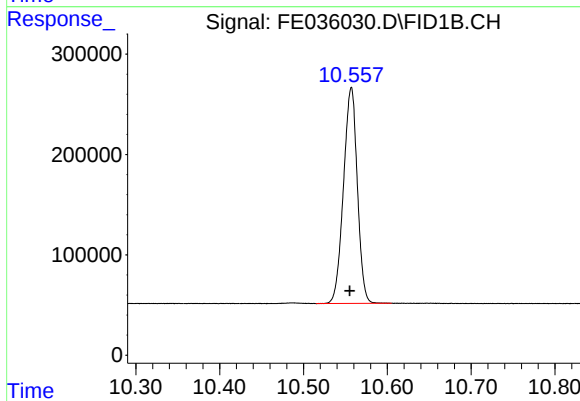
#6 n-Tetradecane (C14)

R.T.: 7.516 min
Delta R.T.: 0.002 min
Response: 2529133
Conc: 20.24 ug/ml



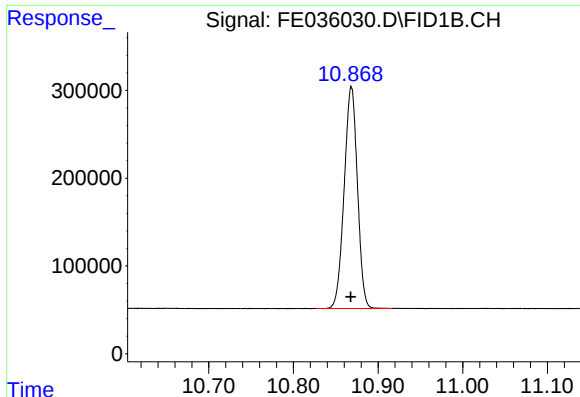
#7 n-Hexadecane (C16)

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 2480724
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

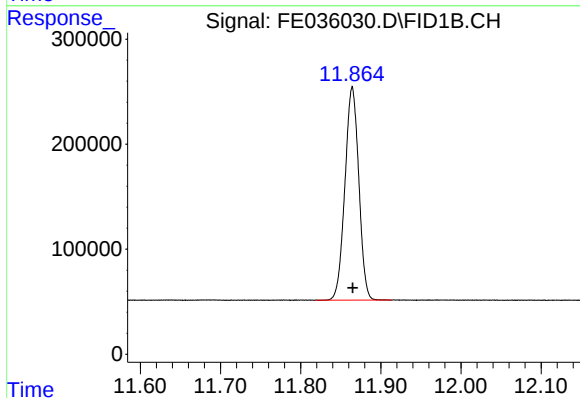
R.T.: 10.557 min
Delta R.T.: 0.002 min
Response: 2468228
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

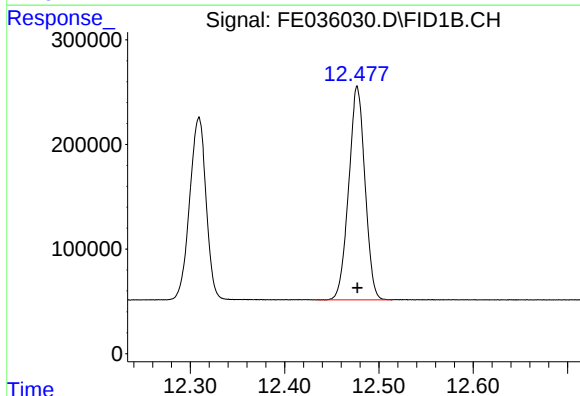
R.T.: 10.869 min
Delta R.T.: 0.000 min
Response: 2751412
Conc: 20.14 ug/ml

Instrument :
FID_E
ClientSampleId :



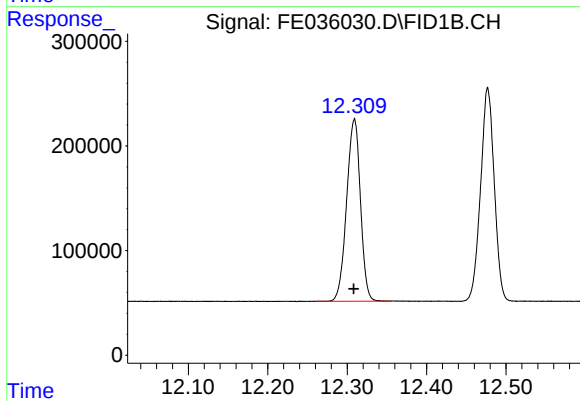
#10 n-Eicosane (C20)

R.T.: 11.864 min
Delta R.T.: 0.000 min
Response: 2437260
Conc: 20.18 ug/ml



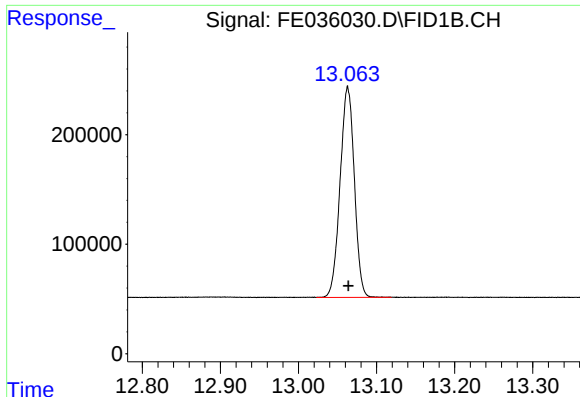
#11 n-Heneicosane (C21)

R.T.: 12.477 min
Delta R.T.: 0.000 min
Response: 2444171
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

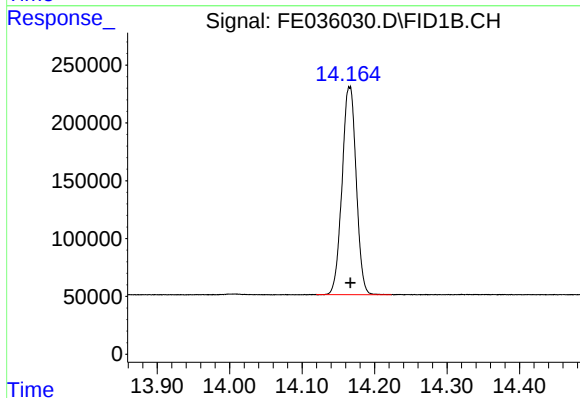
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 2103629
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

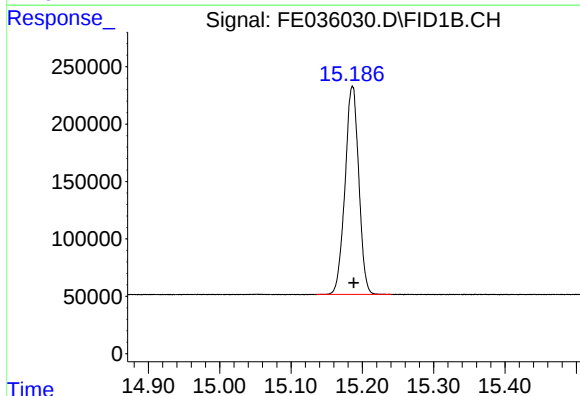
R.T.: 13.063 min
Delta R.T.: 0.000 min
Response: 2437595
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :



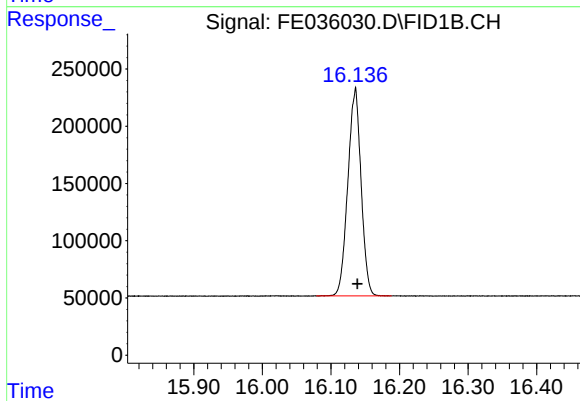
#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: -0.001 min
Response: 2439167
Conc: 20.09 ug/ml



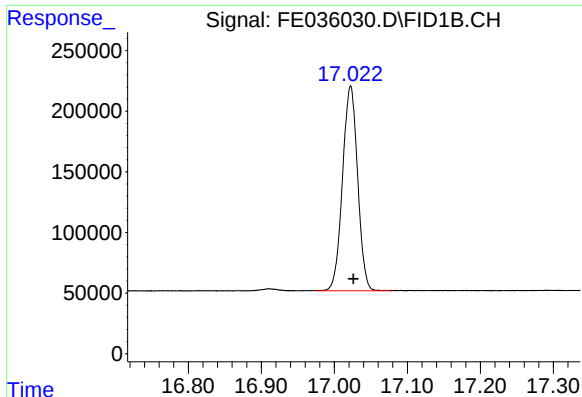
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: -0.002 min
Response: 2432115
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

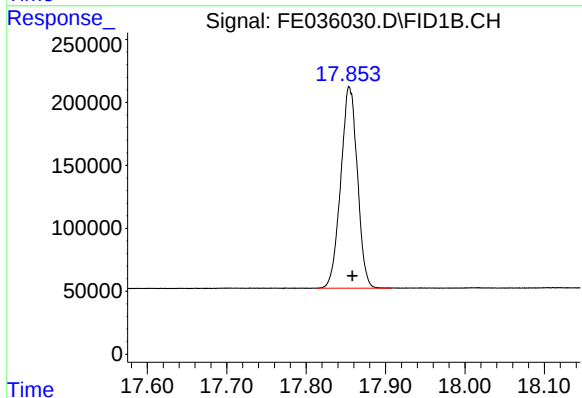
R.T.: 16.136 min
Delta R.T.: -0.003 min
Response: 2431896
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

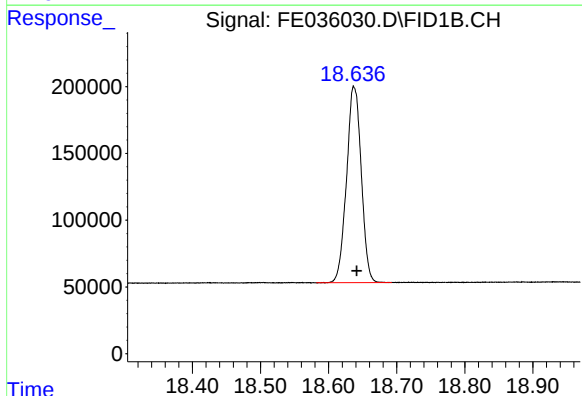
R.T.: 17.022 min
Delta R.T.: -0.004 min
Response: 2429236
Conc: 20.06 ug/ml

Instrument :
FID_E
ClientSampleId :



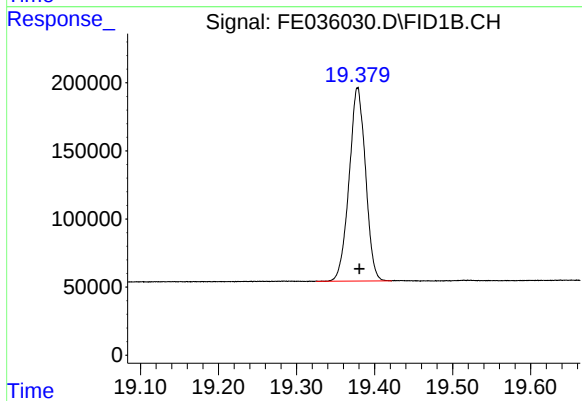
#18 n-Dotriacontane (C32)

R.T.: 17.854 min
Delta R.T.: -0.004 min
Response: 2333221
Conc: 19.97 ug/ml



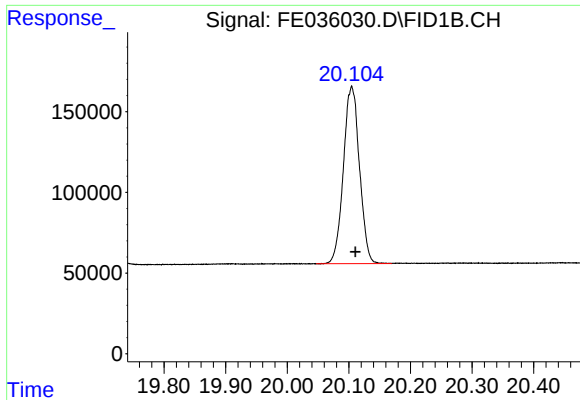
#19 n-Tetratriacontane (C34)

R.T.: 18.637 min
Delta R.T.: -0.004 min
Response: 2206266
Conc: 20.16 ug/ml



#20 n-Hexatriacontane (C36)

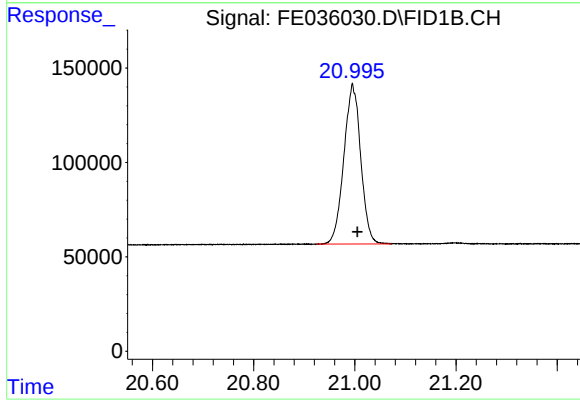
R.T.: 19.378 min
Delta R.T.: -0.002 min
Response: 2072834
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.105 min
Delta R.T.: -0.006 min
Response: 1988059
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.995 min
Delta R.T.: -0.010 min
Response: 1958632
Conc: 20.11 ug/ml