

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034921.D
 Signal(s) : FID1B.CH
 Acq On : 09 Feb 2022 15:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Feb 10 01:19:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 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)	11.130	6063682	20.704 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
12) S 1-chlorooctadecane (S...	12.560	4662945	20.856 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	2.991	5188571	20.455 ug/ml
2) T n-Decane (C10)	4.010	5253111	20.466 ug/ml
3) T A~Naphthalene (C11.7)	5.568	5871366	20.466 ug/ml
4) T n-Dodecane (C12)	5.998	5266745	20.471 ug/ml
5) T A~2-methylnaphthalene...	6.615	5922197	20.468 ug/ml
6) T n-Tetradecane (C14)	7.785	5361889	20.499 ug/ml
7) T n-Hexadecane (C16)	9.379	5397945	20.585 ug/ml
8) T n-Octadecane (C18)	10.816	5506555	20.652 ug/ml
10) T n-Eicosane (C20)	12.119	5407711	20.706 ug/ml
11) T n-Heneicosane (C21)	12.729	5429177	20.724 ug/ml
13) T n-Docosane (C22)	13.312	5344709	20.733 ug/ml
14) T n-Tetracosane (C24)	14.410	5261445	20.751 ug/ml
15) T n-Hexacosane (C26)	15.426	5068825	20.759 ug/ml
16) T n-Octacosane (C28)	16.372	4951571	20.809 ug/ml
17) T n-Tricontane (C30)	17.256	4798933	20.867 ug/ml
18) T n-Dotriacontane (C32)	18.084	4454694	20.840 ug/ml
19) T n-Tetratriacontane (C34)	18.864	4180544	20.743 ug/ml
20) T n-Hexatriacontane (C36)	19.601	3927040	20.762 ug/ml
21) T n-Octatriacontane (C38)	20.313	3767714	20.710 ug/ml
22) T n-Tetracontane (C40)	21.164	3841224	20.970 ug/ml

(f)=RT Delta > 1/2 Window

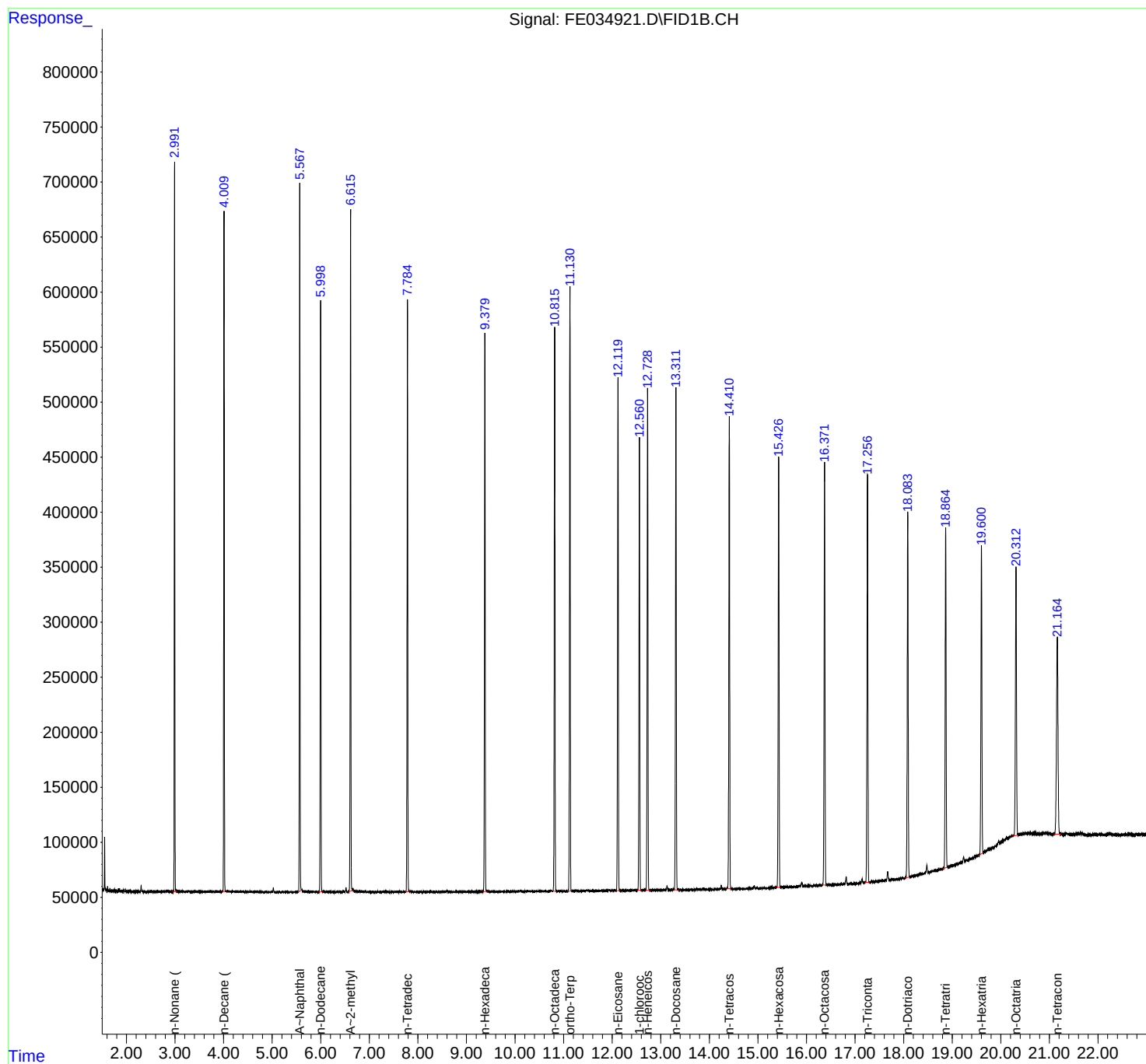
(m)=manual int.

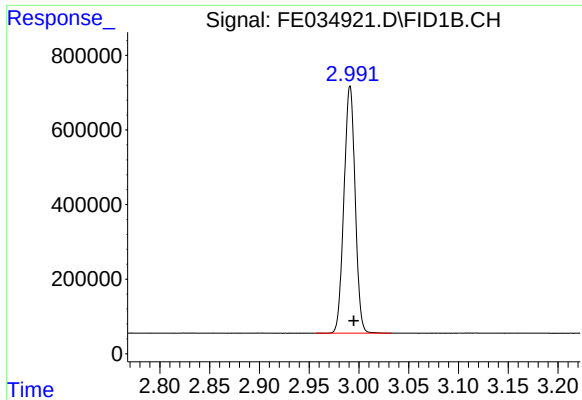
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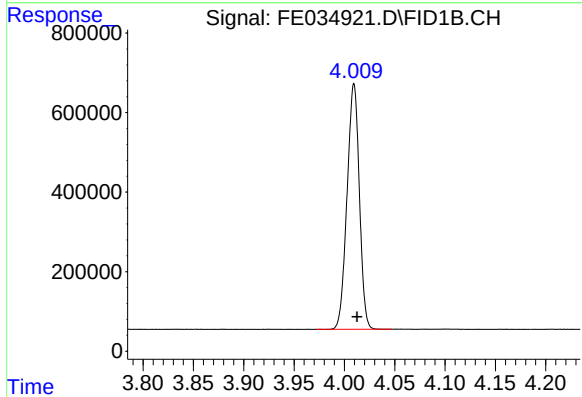




#1 n-Nonane (C9)

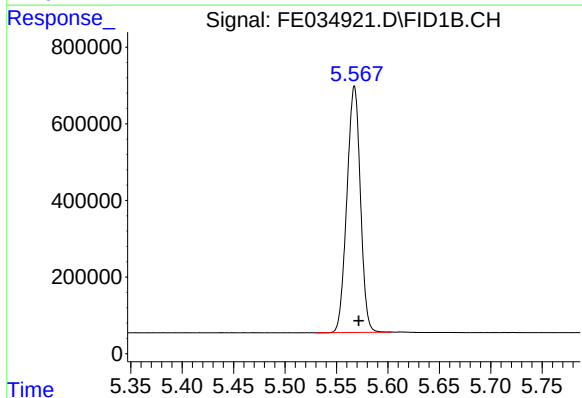
R.T.: 2.991 min
Delta R.T.: -0.004 min
Response: 5188571
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



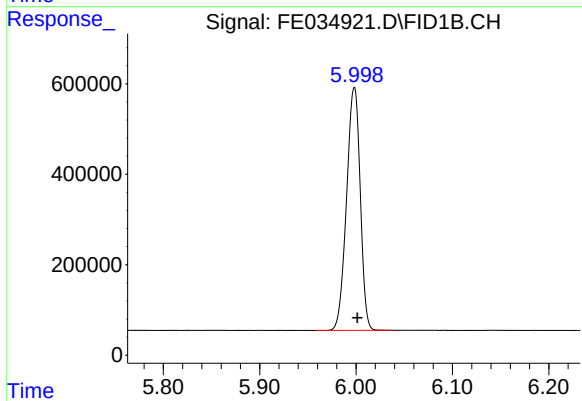
#2 n-Decane (C10)

R.T.: 4.010 min
Delta R.T.: -0.003 min
Response: 5253111
Conc: 20.47 ug/ml



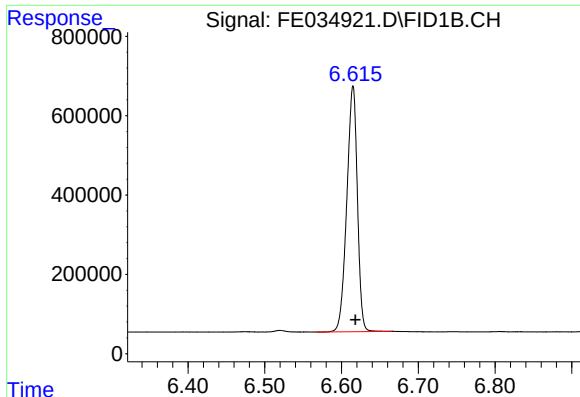
#3 A~Naphthalene (C11.7)

R.T.: 5.568 min
Delta R.T.: -0.004 min
Response: 5871366
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

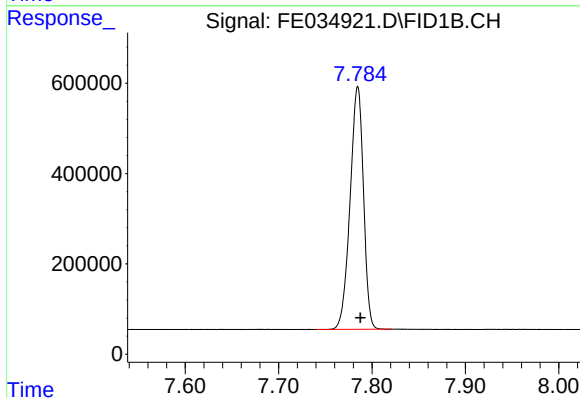
R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 5266745
Conc: 20.47 ug/ml



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

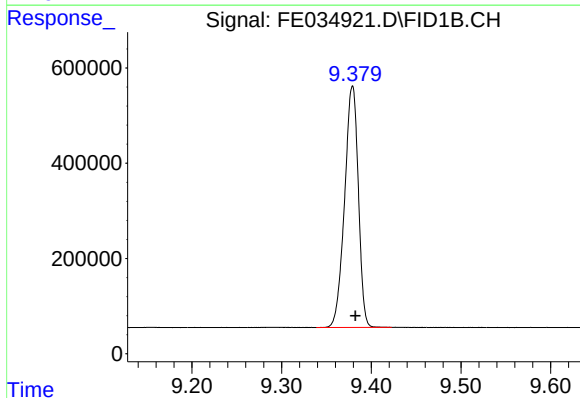
R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 5922197
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



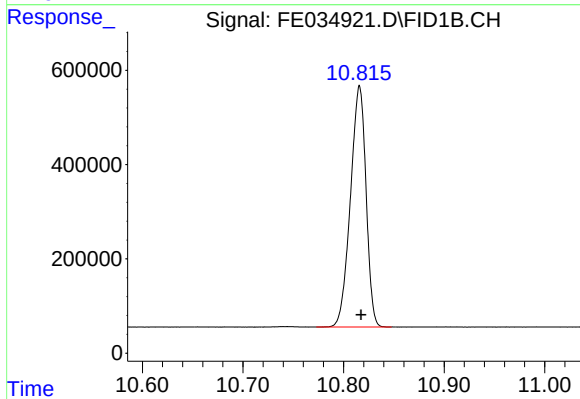
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: -0.003 min
Response: 5361889
Conc: 20.50 ug/ml



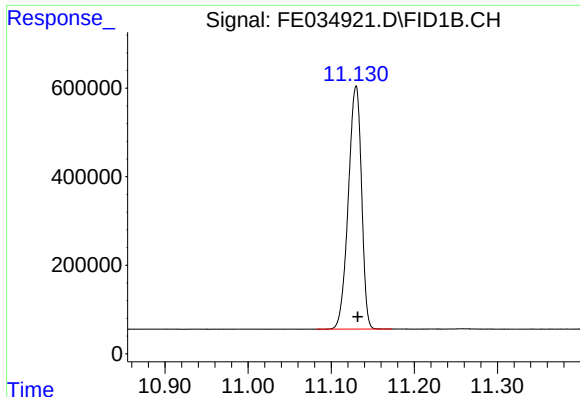
#7 n-Hexadecane (C16)

R.T.: 9.379 min
Delta R.T.: -0.003 min
Response: 5397945
Conc: 20.58 ug/ml



#8 n-Octadecane (C18)

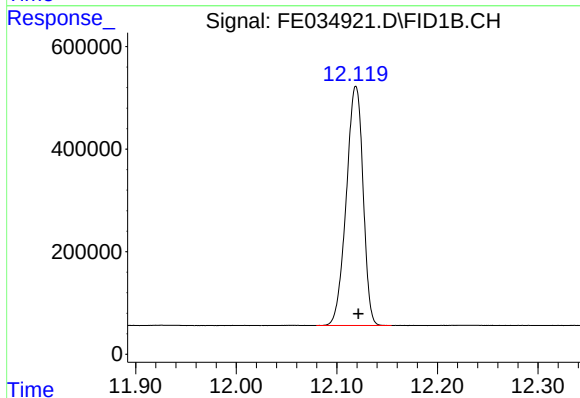
R.T.: 10.816 min
Delta R.T.: -0.001 min
Response: 5506555
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

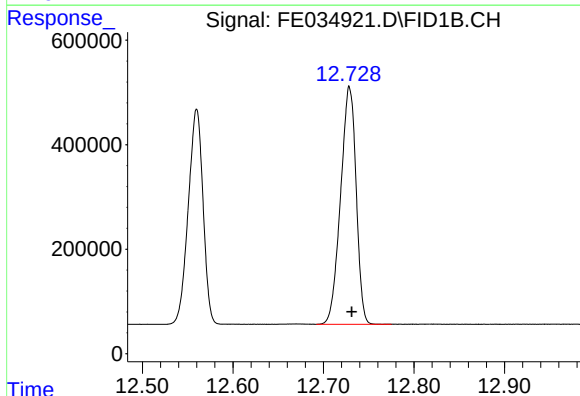
R.T.: 11.130 min
Delta R.T.: -0.002 min
Response: 6063682
Conc: 20.70 ug/ml

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20 PPM ALIPHATIC HC STD



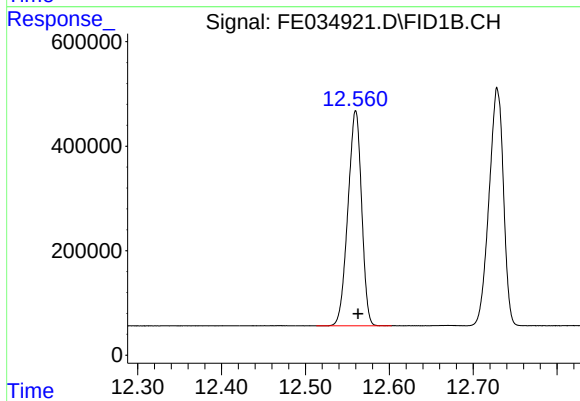
#10 n-Eicosane (C20)

R.T.: 12.119 min
Delta R.T.: -0.003 min
Response: 5407711
Conc: 20.71 ug/ml



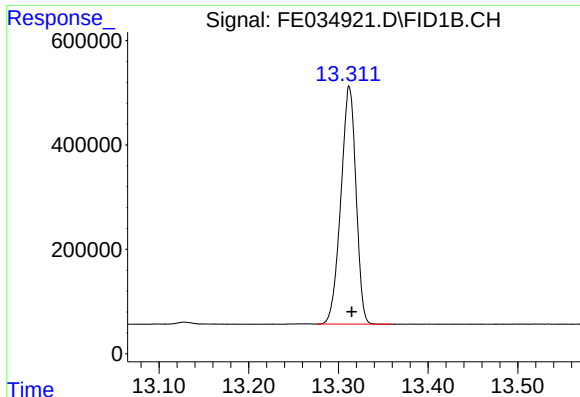
#11 n-Heneicosane (C21)

R.T.: 12.729 min
Delta R.T.: -0.002 min
Response: 5429177
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

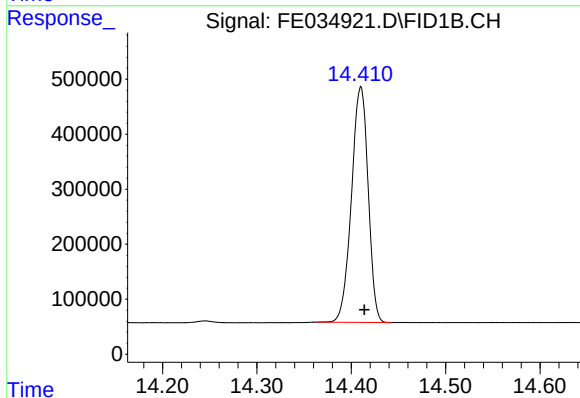
R.T.: 12.560 min
Delta R.T.: -0.003 min
Response: 4662945
Conc: 20.86 ug/ml



#13 n-Docosane (C22)

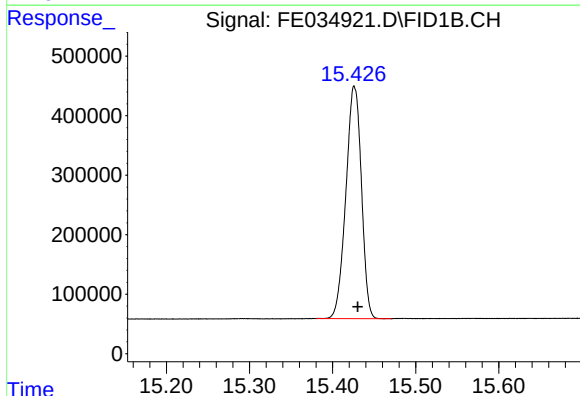
R.T.: 13.312 min
Delta R.T.: -0.003 min
Response: 5344709
Conc: 20.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



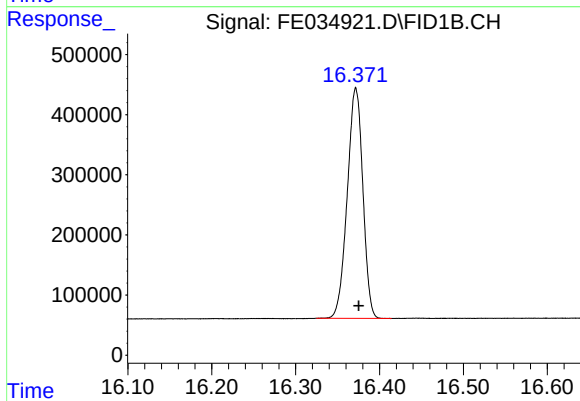
#14 n-Tetracosane (C24)

R.T.: 14.410 min
Delta R.T.: -0.004 min
Response: 5261445
Conc: 20.75 ug/ml



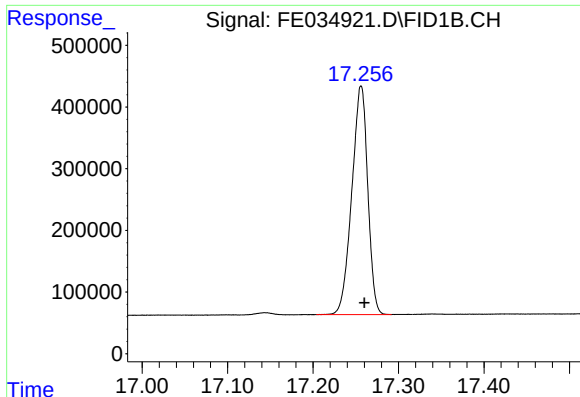
#15 n-Hexacosane (C26)

R.T.: 15.426 min
Delta R.T.: -0.004 min
Response: 5068825
Conc: 20.76 ug/ml



#16 n-Octacosane (C28)

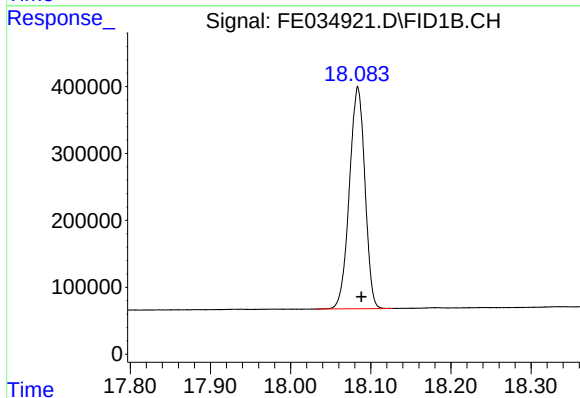
R.T.: 16.372 min
Delta R.T.: -0.004 min
Response: 4951571
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

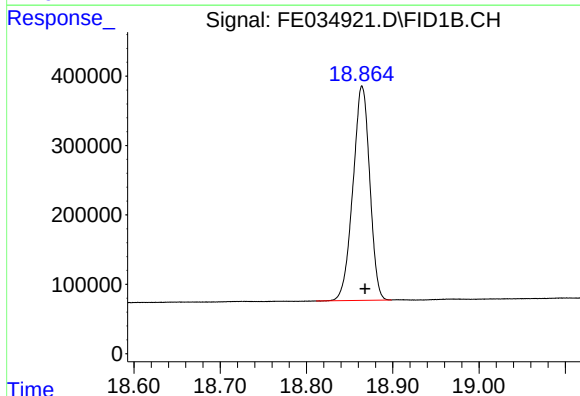
R.T.: 17.256 min
Delta R.T.: -0.004 min
Response: 4798933
Conc: 20.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



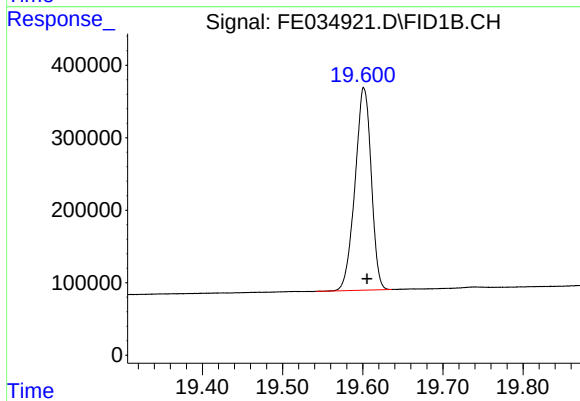
#18 n-Dotriacontane (C32)

R.T.: 18.084 min
Delta R.T.: -0.004 min
Response: 4454694
Conc: 20.84 ug/ml



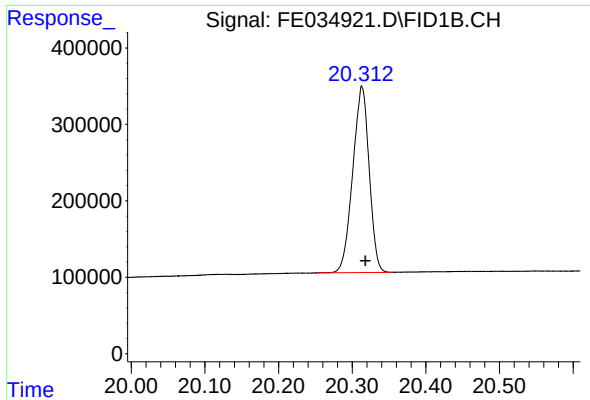
#19 n-Tetratriacontane (C34)

R.T.: 18.864 min
Delta R.T.: -0.003 min
Response: 4180544
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

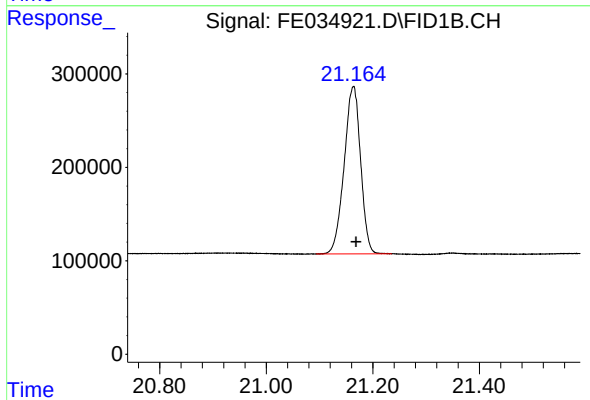
R.T.: 19.601 min
Delta R.T.: -0.004 min
Response: 3927040
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.313 min
Delta R.T.: -0.005 min
Response: 3767714
Conc: 20.71 ug/ml

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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.164 min
Delta R.T.: -0.005 min
Response: 3841224
Conc: 20.97 ug/ml