

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091521AL\
 Data File : FD038813.D
 Signal(s) : FID2B.CH
 Acq On : 15 Sep 2021 16:41
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 16 01:41:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.683	2812987	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	13.109	2217956	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.442	2616007	20.540 ug/ml
2) T n-Decane (C10)	4.511	2648963	20.451 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2966651	20.372 ug/ml
4) T n-Dodecane (C12)	6.527	2664051	20.281 ug/ml
5) T A~2-methylnaphthalene...	7.158	2980293	20.150 ug/ml
6) T n-Tetradecane (C14)	8.320	2699021	20.025 ug/ml
7) T n-Hexadecane (C16)	9.918	2700949	19.754 ug/ml
8) T n-Octadecane (C18)	11.357	2721153	19.471 ug/ml
10) T n-Eicosane (C20)	12.664	2655078	19.256 ug/ml
11) T n-Heneicosane (C21)	13.274	2648901	19.059 ug/ml
13) T n-Docosane (C22)	13.858	2592852	19.032 ug/ml
14) T n-Tetracosane (C24)	14.958	2510121	18.788 ug/ml
15) T n-Hexacosane (C26)	15.975	2366240	18.659 ug/ml
16) T n-Octacosane (C28)	16.921	2261673	18.704 ug/ml
17) T n-Tricontane (C30)	17.805	2170841	18.924 ug/ml
18) T n-Dotriacontane (C32)	18.633	2076838	19.203 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2043458	19.628 ug/ml
20) T n-Hexatriacontane (C36)	20.149	1921673	19.599 ug/ml
21) T n-Octatriacontane (C38)	20.891	1919836	20.361 ug/ml
22) T n-Tetracontane (C40)	21.823	2714342	28.668 ug/ml

(f)=RT Delta > 1/2 Window

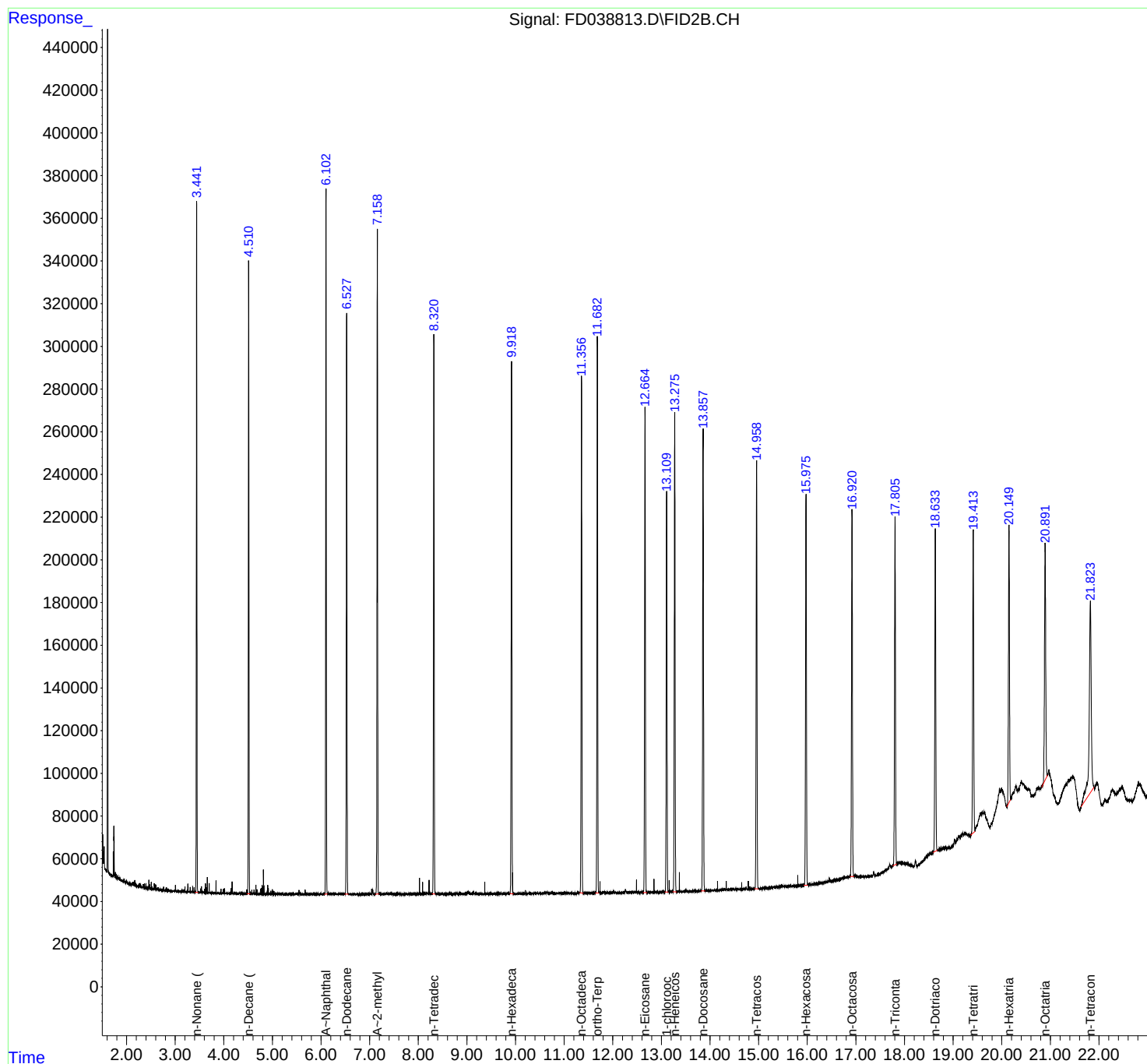
(m)=manual int.

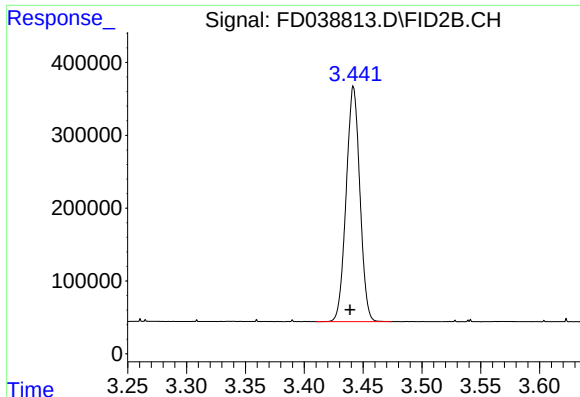
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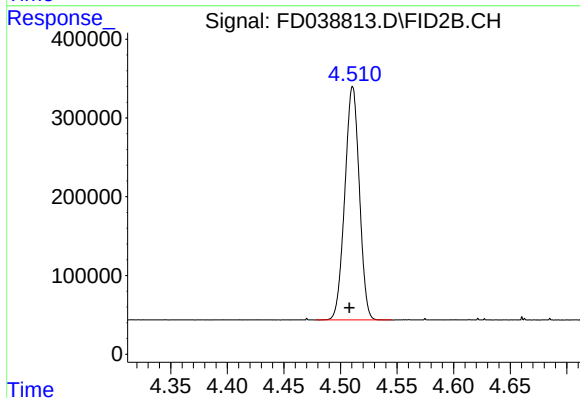




#1 n-Nonane (C9)

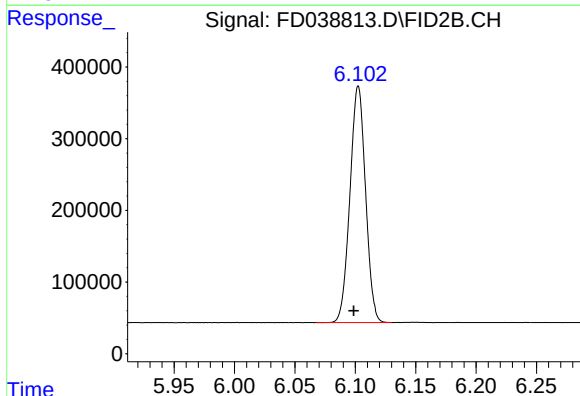
R.T.: 3.442 min
Delta R.T.: 0.003 min
Response: 2616007
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



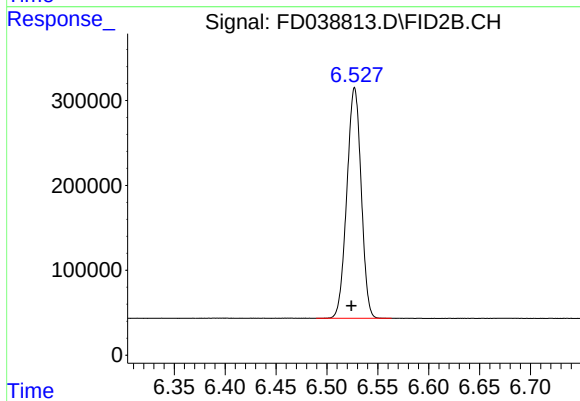
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.003 min
Response: 2648963
Conc: 20.45 ug/ml



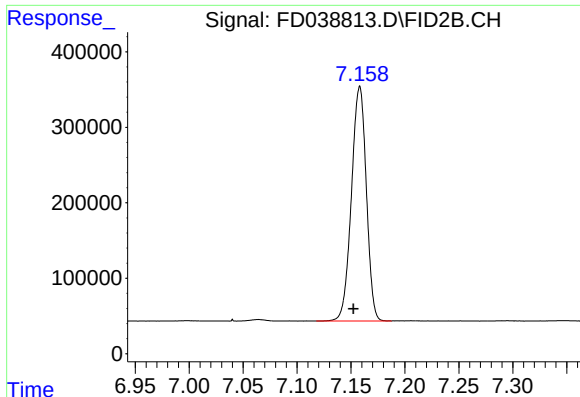
#3 A~Naphthalene (C11.7)

R.T.: 6.103 min
Delta R.T.: 0.004 min
Response: 2966651
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

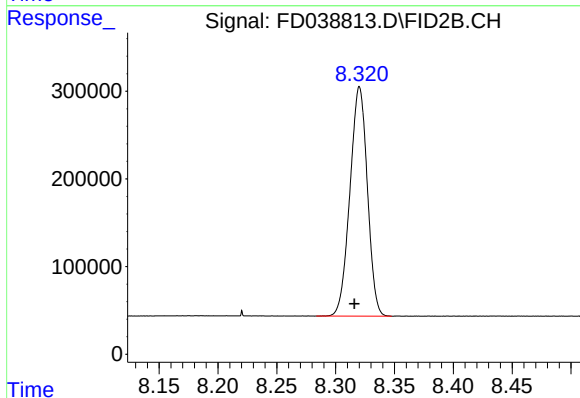
R.T.: 6.527 min
Delta R.T.: 0.003 min
Response: 2664051
Conc: 20.28 ug/ml



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

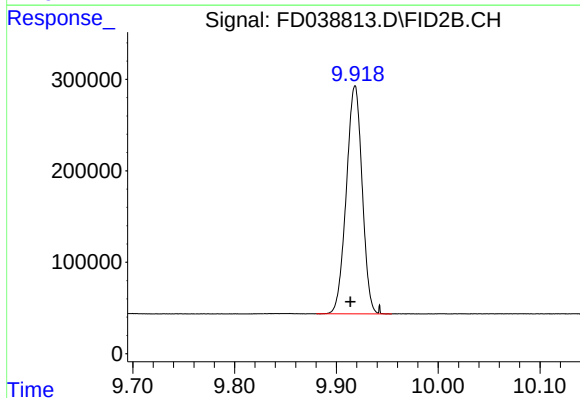
R.T.: 7.158 min
Delta R.T.: 0.006 min
Response: 2980293
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :



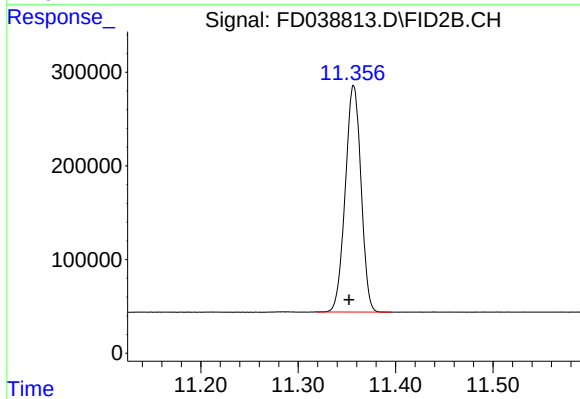
#6 n-Tetradecane (C14)

R.T.: 8.320 min
Delta R.T.: 0.004 min
Response: 2699021
Conc: 20.03 ug/ml



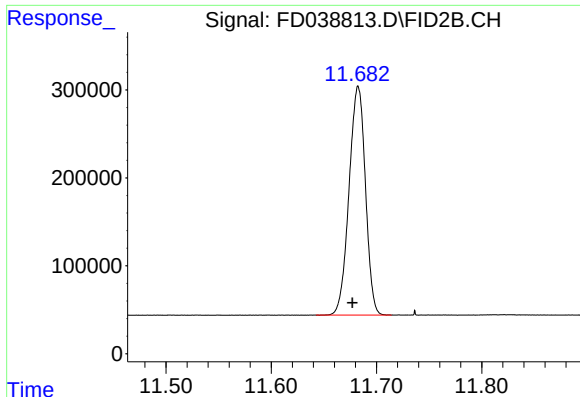
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: 0.005 min
Response: 2700949
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

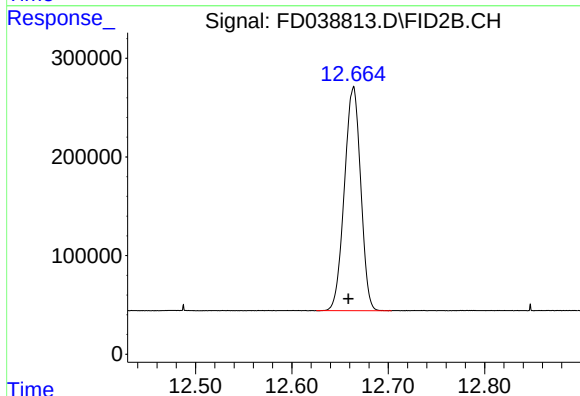
R.T.: 11.357 min
Delta R.T.: 0.005 min
Response: 2721153
Conc: 19.47 ug/ml



#9 ortho-Terphenyl (SURR)

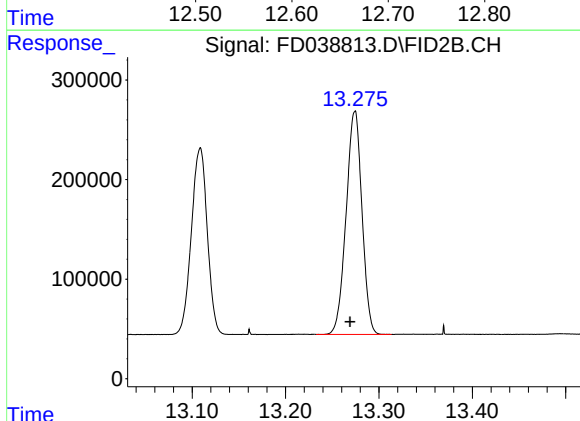
R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 2812987
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :



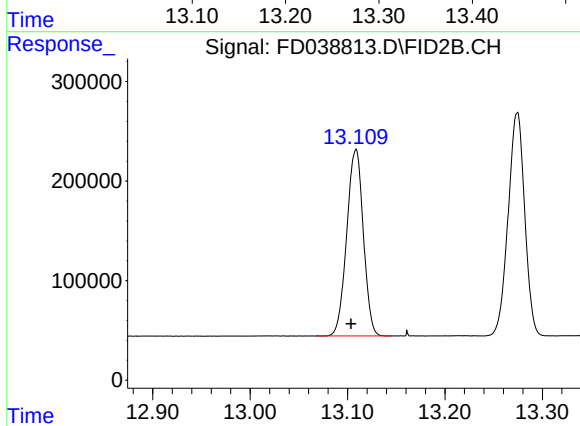
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: 0.005 min
Response: 2655078
Conc: 19.26 ug/ml



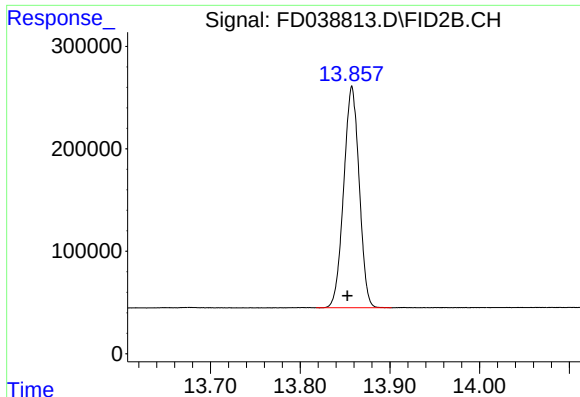
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.005 min
Response: 2648901
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

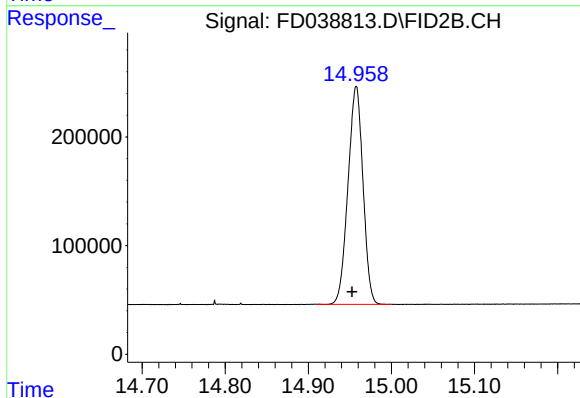
R.T.: 13.109 min
Delta R.T.: 0.005 min
Response: 2217956
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

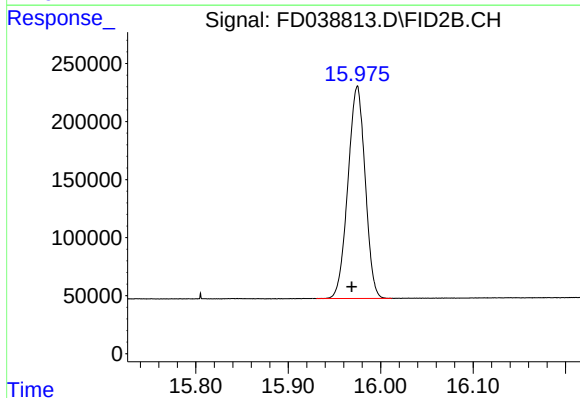
R.T.: 13.858 min
Delta R.T.: 0.005 min
Response: 2592852
Conc: 19.03 ug/ml

Instrument :
FID_D
ClientSampleId :



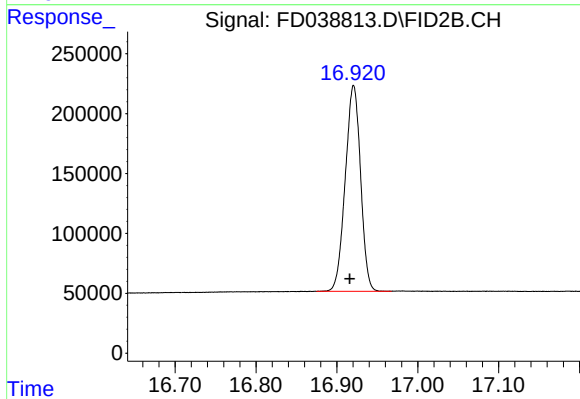
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: 0.005 min
Response: 2510121
Conc: 18.79 ug/ml



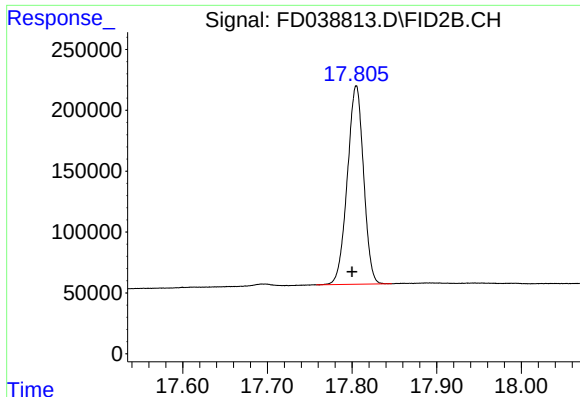
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.006 min
Response: 2366240
Conc: 18.66 ug/ml



#16 n-Octacosane (C28)

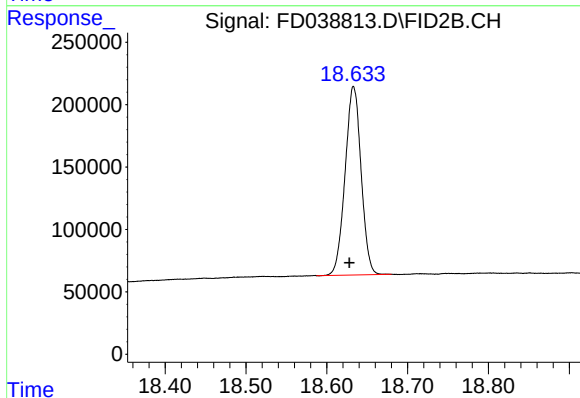
R.T.: 16.921 min
Delta R.T.: 0.005 min
Response: 2261673
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

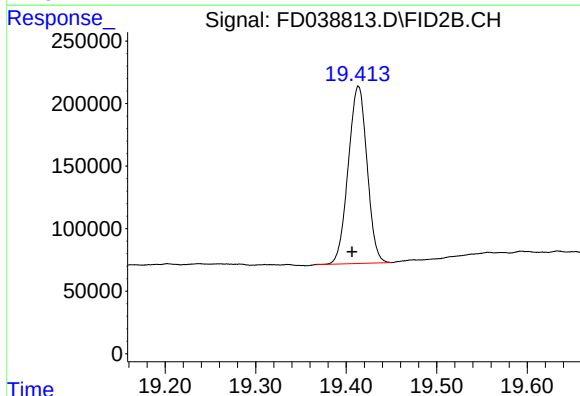
R.T.: 17.805 min
Delta R.T.: 0.005 min
Response: 2170841
Conc: 18.92 ug/ml

Instrument :
FID_D
ClientSampleId :



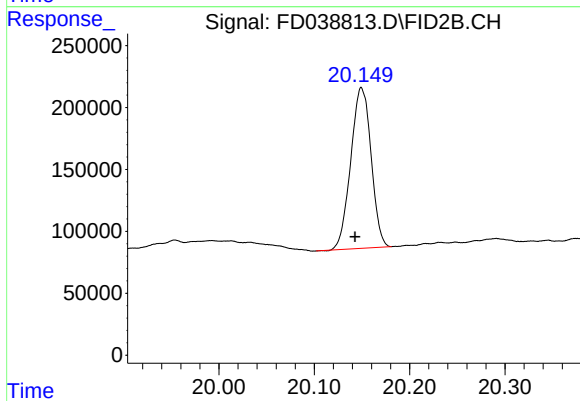
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: 0.005 min
Response: 2076838
Conc: 19.20 ug/ml



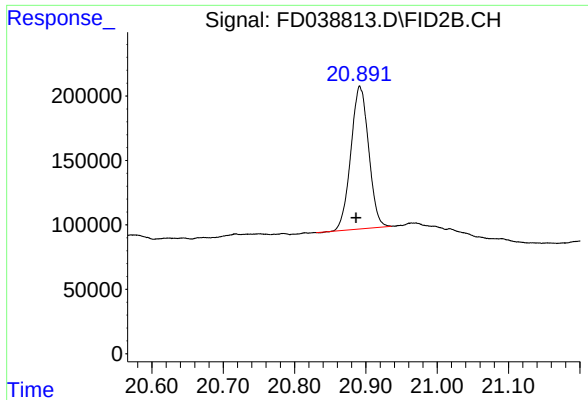
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: 0.007 min
Response: 2043458
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

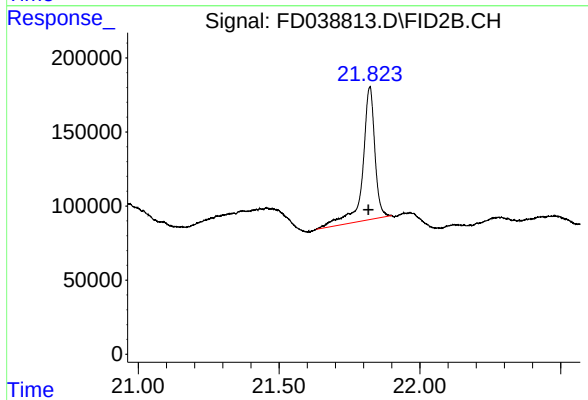
R.T.: 20.149 min
Delta R.T.: 0.007 min
Response: 1921673
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.005 min
Response: 1919836
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.823 min
Delta R.T.: 0.006 min
Response: 2714342
Conc: 28.67 ug/ml