

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122419AL\
 Data File : FD031885.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2019 23:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 25 02:37:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 120619.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 06 04:20:46 2019
 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)	11.537	3110752	21.506 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
12) S 1-chlorooctadecane (S...	12.965	2424977	21.384 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
Target Compounds			
1) T n-Nonane (C9)	3.340	2794400	22.134 ug/ml
2) T n-Decane (C10)	4.402	2857088	22.487 ug/ml
3) T A~Naphthalene (C11.7)	5.980	3194540	22.348 ug/ml
4) T n-Dodecane (C12)	6.411	2900768	22.484 ug/ml
5) T A~2-methylnaphthalene...	7.031	3213713	22.225 ug/ml
6) T n-Tetradecane (C14)	8.197	2922376	22.273 ug/ml
7) T n-Hexadecane (C16)	9.788	2936727	22.128 ug/ml
8) T n-Octadecane (C18)	11.222	2925467	21.854 ug/ml
10) T n-Eicosane (C20)	12.524	2895054	21.633 ug/ml
11) T n-Heneicosane (C21)	13.132	2887967	21.415 ug/ml
13) T n-Docosane (C22)	13.715	2870486	21.429 ug/ml
14) T n-Tetracosane (C24)	14.811	2857350	21.296 ug/ml
15) T n-Hexacosane (C26)	15.827	2794228	21.311 ug/ml
16) T n-Octacosane (C28)	16.771	2753638	21.706 ug/ml
17) T n-Tricontane (C30)	17.654	2651631	22.399 ug/ml
18) T n-Dotriacontane (C32)	18.480	2254322	23.283 ug/ml
19) T n-Tetratriacontane (C34)	19.257	1863201	23.473 ug/ml
20) T n-Hexatriacontane (C36)	19.993	1627542	23.124 ug/ml
21) T n-Octatriacontane (C38)	20.709	1498480	23.208 ug/ml
22) T n-Tetracontane (C40)	21.575	1529657	22.746 ug/ml

(f)=RT Delta > 1/2 Window

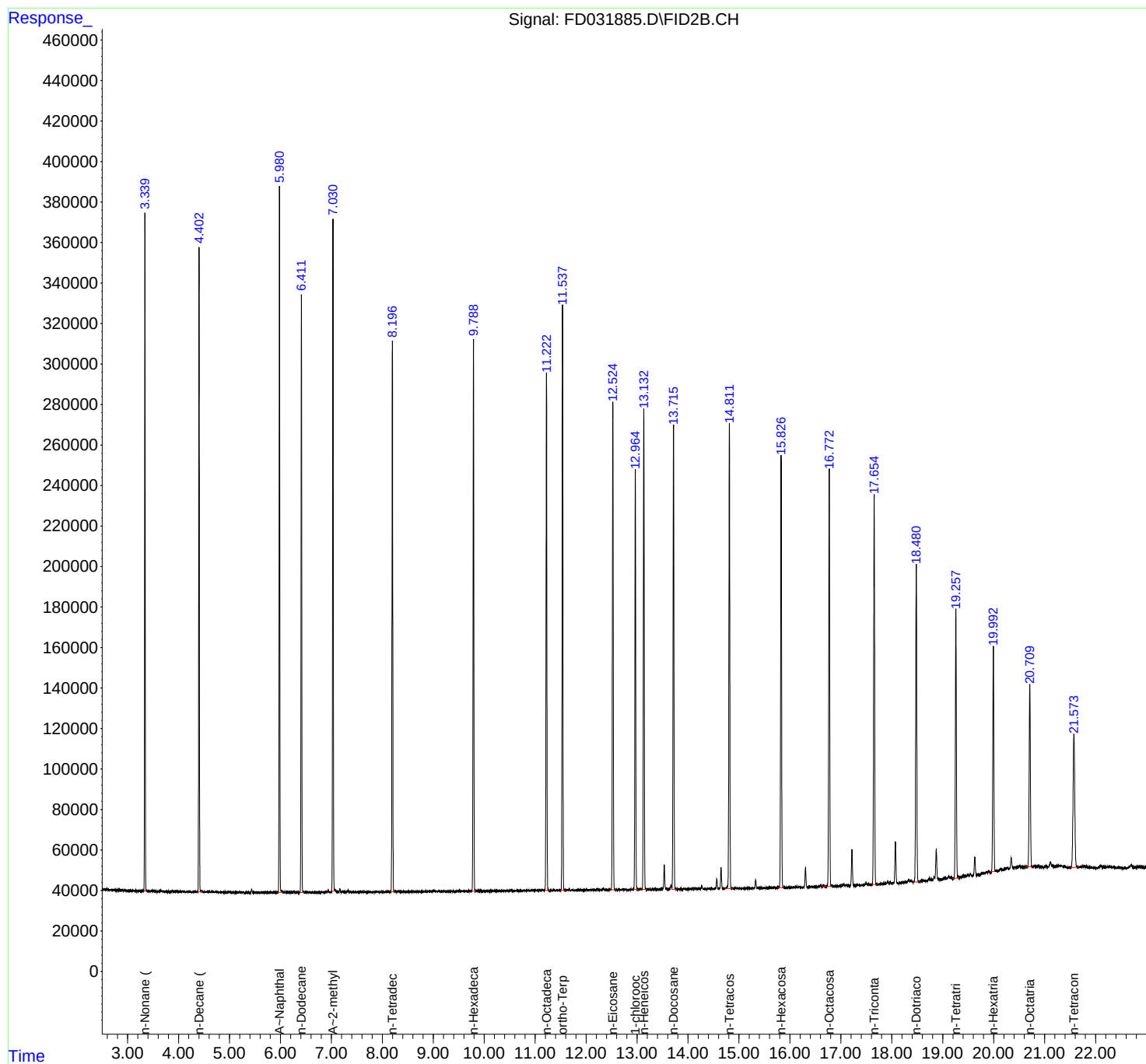
(m)=manual int.

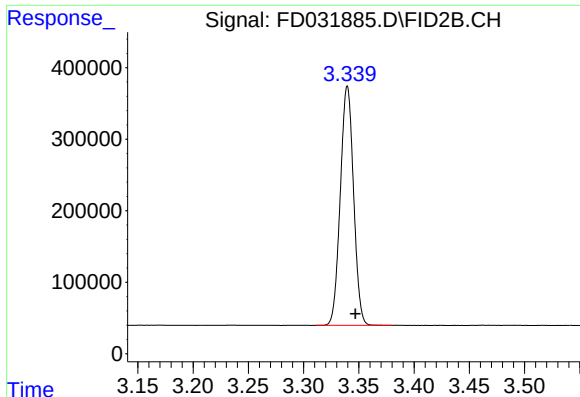
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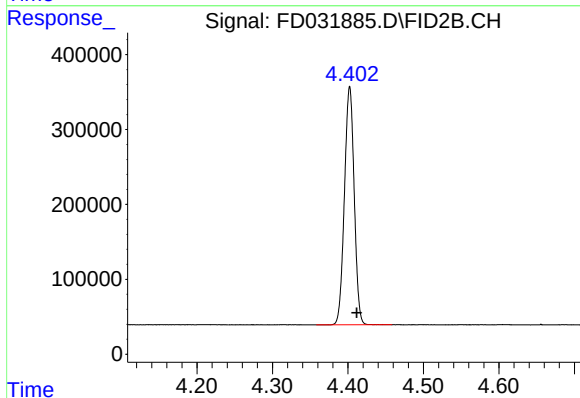




#1 n-Nonane (C9)

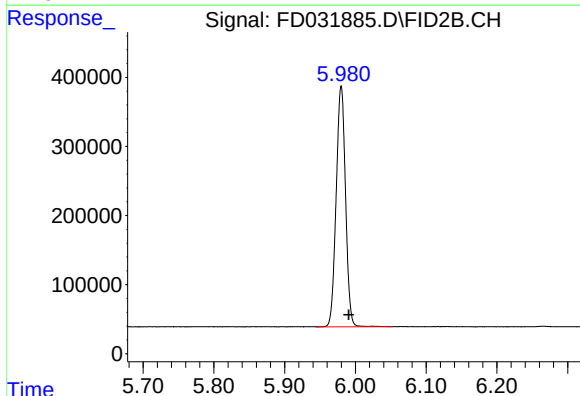
R.T.: 3.340 min
Delta R.T.: -0.007 min
Response: 2794400
Conc: 22.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



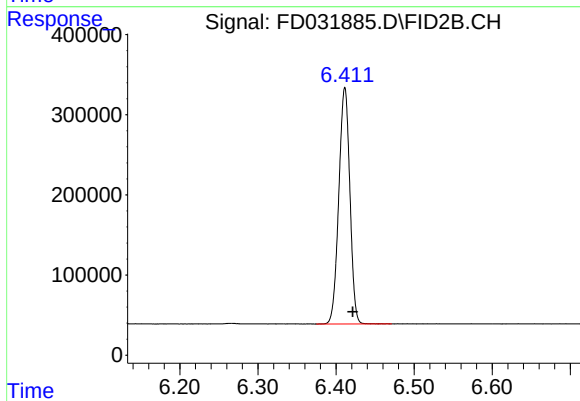
#2 n-Decane (C10)

R.T.: 4.402 min
Delta R.T.: -0.009 min
Response: 2857088
Conc: 22.49 ug/ml



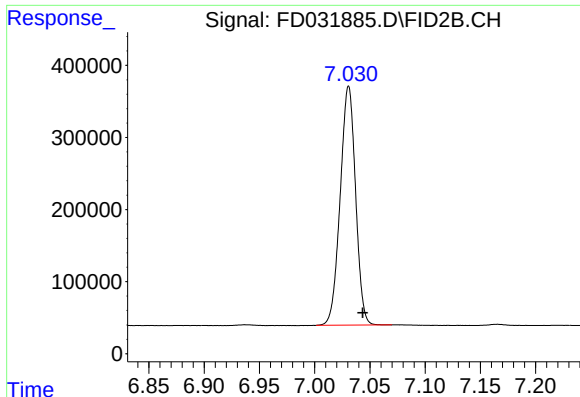
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.011 min
Response: 3194540
Conc: 22.35 ug/ml



#4 n-Dodecane (C12)

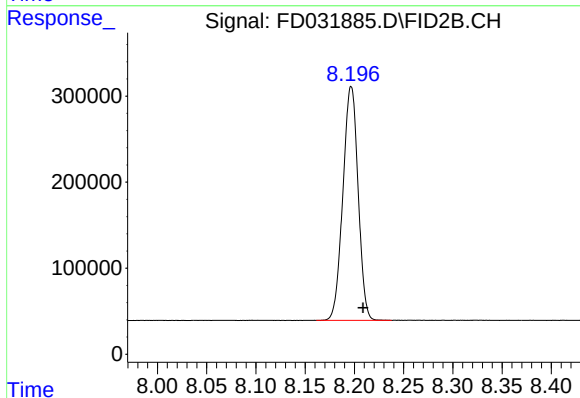
R.T.: 6.411 min
Delta R.T.: -0.010 min
Response: 2900768
Conc: 22.48 ug/ml



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

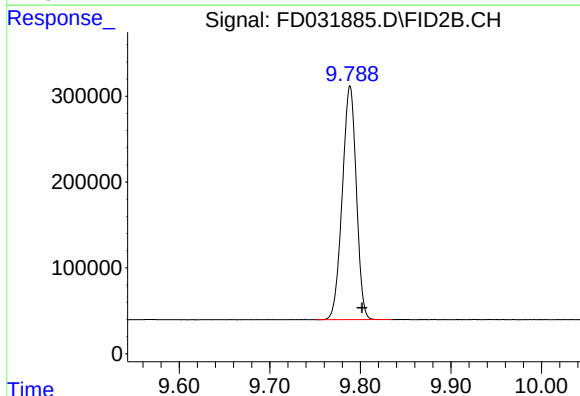
R.T.: 7.031 min
Delta R.T.: -0.013 min
Response: 3213713
Conc: 22.22 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



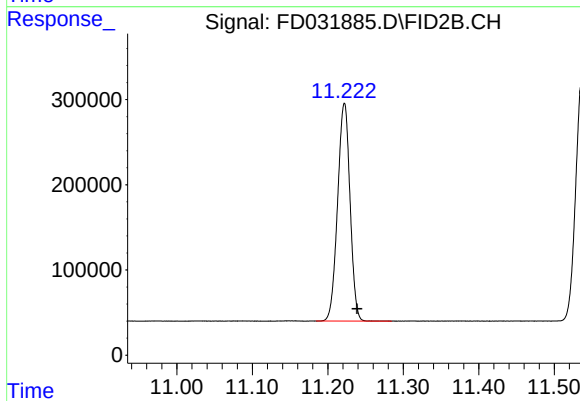
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.012 min
Response: 2922376
Conc: 22.27 ug/ml



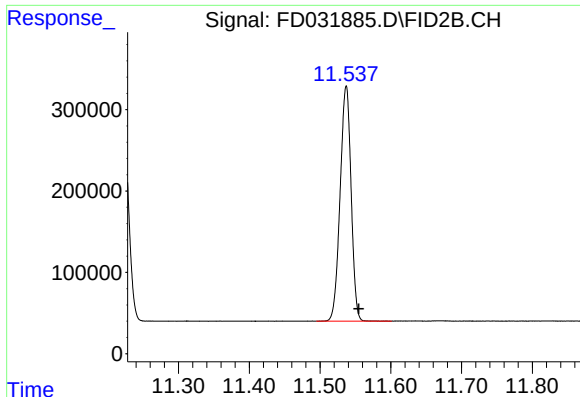
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: -0.014 min
Response: 2936727
Conc: 22.13 ug/ml



#8 n-Octadecane (C18)

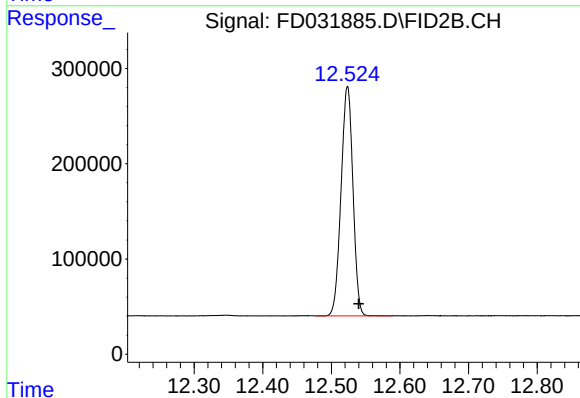
R.T.: 11.222 min
Delta R.T.: -0.017 min
Response: 2925467
Conc: 21.85 ug/ml



#9 ortho-Terphenyl (SURR)

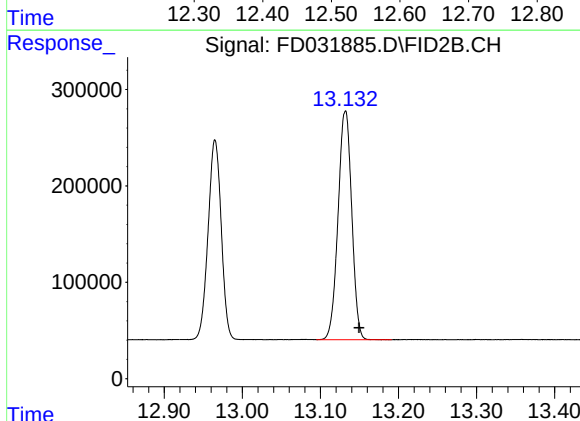
R.T.: 11.537 min
Delta R.T.: -0.018 min
Response: 3110752
Conc: 21.51 ug/ml

Instrument :
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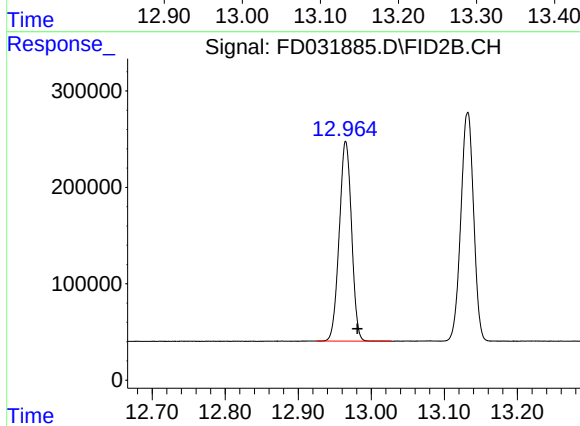
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.017 min
Response: 2895054
Conc: 21.63 ug/ml



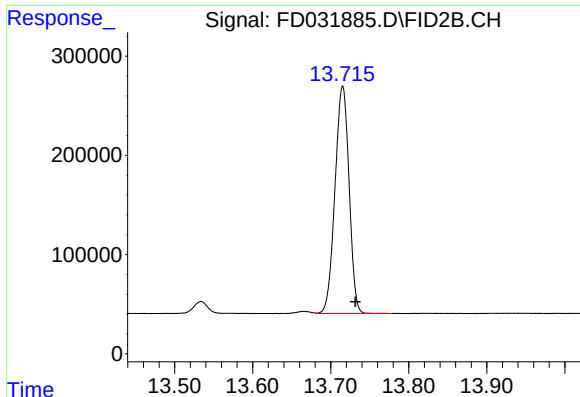
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.018 min
Response: 2887967
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

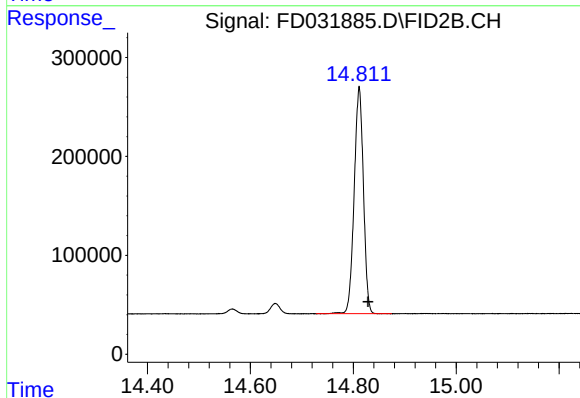
R.T.: 12.965 min
Delta R.T.: -0.016 min
Response: 2424977
Conc: 21.38 ug/ml



#13 n-Docosane (C22)

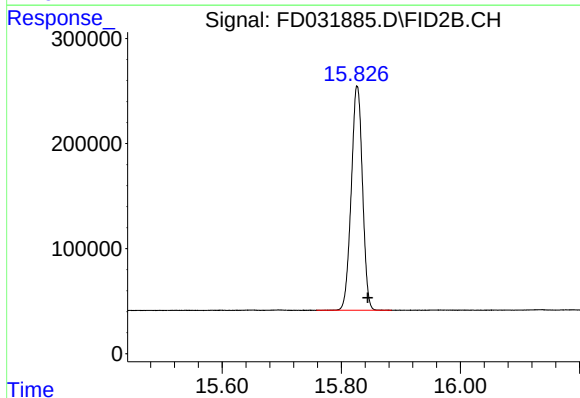
R.T.: 13.715 min
Delta R.T.: -0.016 min
Response: 2870486
Conc: 21.43 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



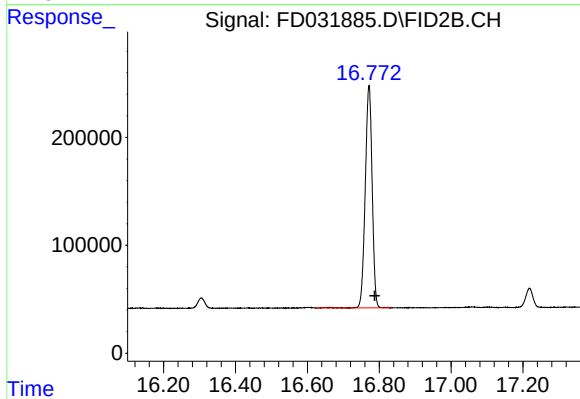
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.017 min
Response: 2857350
Conc: 21.30 ug/ml



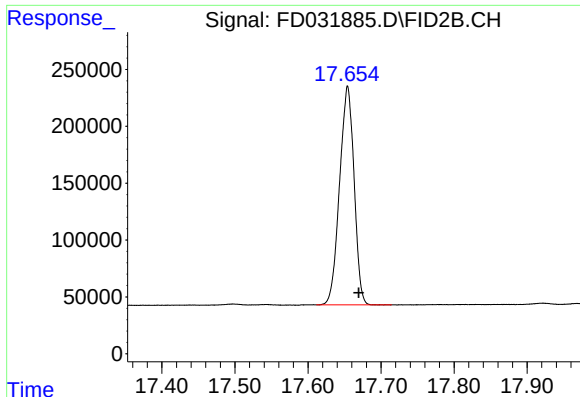
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.017 min
Response: 2794228
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

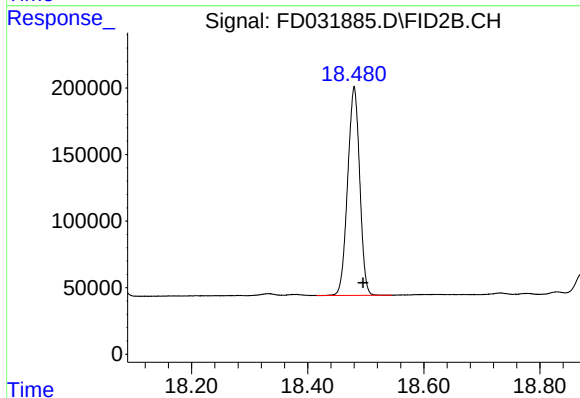
R.T.: 16.771 min
Delta R.T.: -0.016 min
Response: 2753638
Conc: 21.71 ug/ml



#17 n-Tricontane (C30)

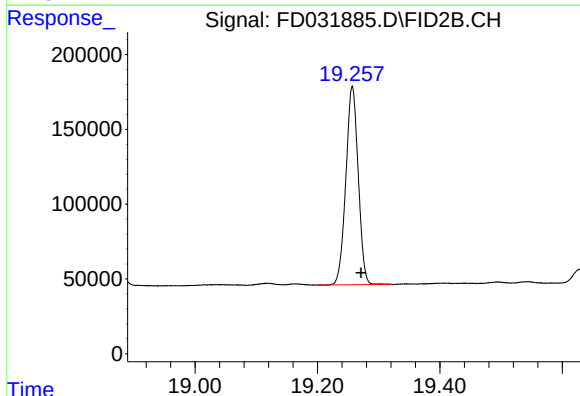
R.T.: 17.654 min
Delta R.T.: -0.015 min
Response: 2651631
Conc: 22.40 ug/ml

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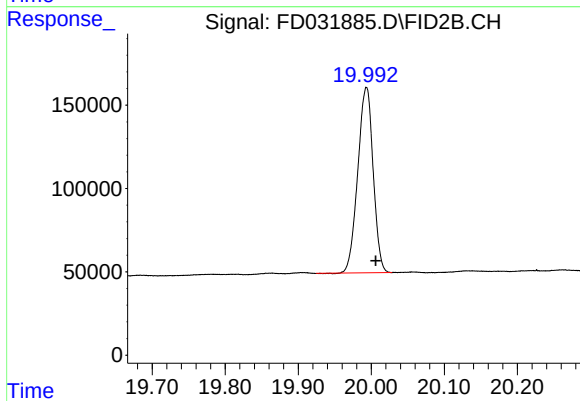
#18 n-Dotriacontane (C32)

R.T.: 18.480 min
Delta R.T.: -0.015 min
Response: 2254322
Conc: 23.28 ug/ml



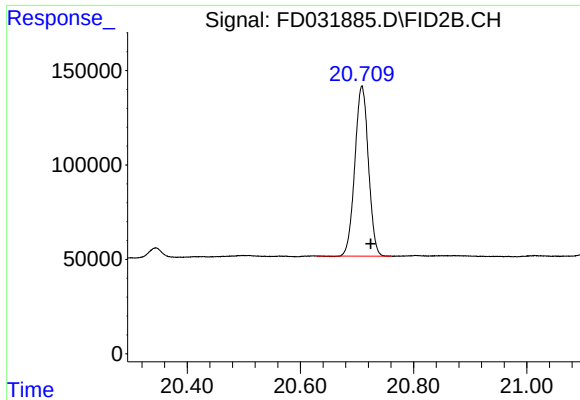
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: -0.014 min
Response: 1863201
Conc: 23.47 ug/ml



#20 n-Hexatriacontane (C36)

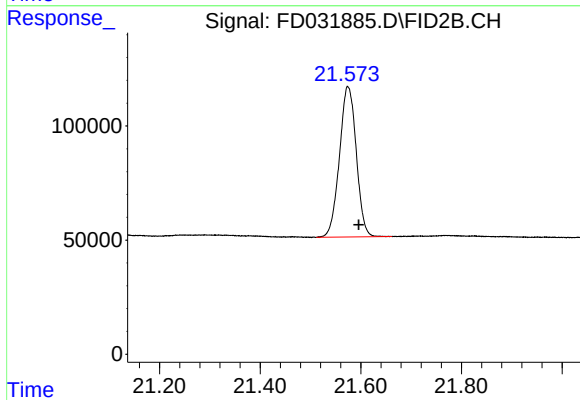
R.T.: 19.993 min
Delta R.T.: -0.013 min
Response: 1627542
Conc: 23.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.709 min
Delta R.T.: -0.015 min
Response: 1498480
Conc: 23.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.021 min
Response: 1529657
Conc: 22.75 ug/ml