

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102319AL\
 Data File : FD031197.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2019 8:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 24 01:25:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 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)	11.435	2526682	20.146 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
12) S 1-chlorooctadecane (S...	12.866	1872569	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.259	2414736	23.085 ug/ml
2) T n-Decane (C10)	4.314	2432383	23.204 ug/ml
3) T A~Naphthalene (C11.7)	5.885	2621916	22.882 ug/ml
4) T n-Dodecane (C12)	6.317	2431698	22.735 ug/ml
5) T A~2-methylnaphthalene...	6.935	2598079	22.538 ug/ml
6) T n-Tetradecane (C14)	8.102	2385482	22.180 ug/ml
7) T n-Hexadecane (C16)	9.692	2334532	21.678 ug/ml
8) T n-Octadecane (C18)	11.124	2286120	20.910 ug/ml
10) T n-Eicosane (C20)	12.425	2215520	20.262 ug/ml
11) T n-Heneicosane (C21)	13.032	2202012	20.035 ug/ml
13) T n-Docosane (C22)	13.614	2170595	19.848 ug/ml
14) T n-Tetracosane (C24)	14.709	2159431	19.773 ug/ml
15) T n-Hexacosane (C26)	15.723	2105218	19.453 ug/ml
16) T n-Octacosane (C28)	16.666	2116887	19.719 ug/ml
17) T n-Tricontane (C30)	17.547	2136444	20.056 ug/mlm
18) T n-Dotriacontane (C32)	18.375	2119767	20.591 ug/mlm
19) T n-Tetratriacontane (C34)	19.150	2068843	21.052 ug/ml
20) T n-Hexatriacontane (C36)	19.884	1995644	21.664 ug/ml
21) T n-Octatriacontane (C38)	20.586	1946529	22.493 ug/mlm
22) T n-Tetracontane (C40)	21.418	2094921	23.577 ug/mlm

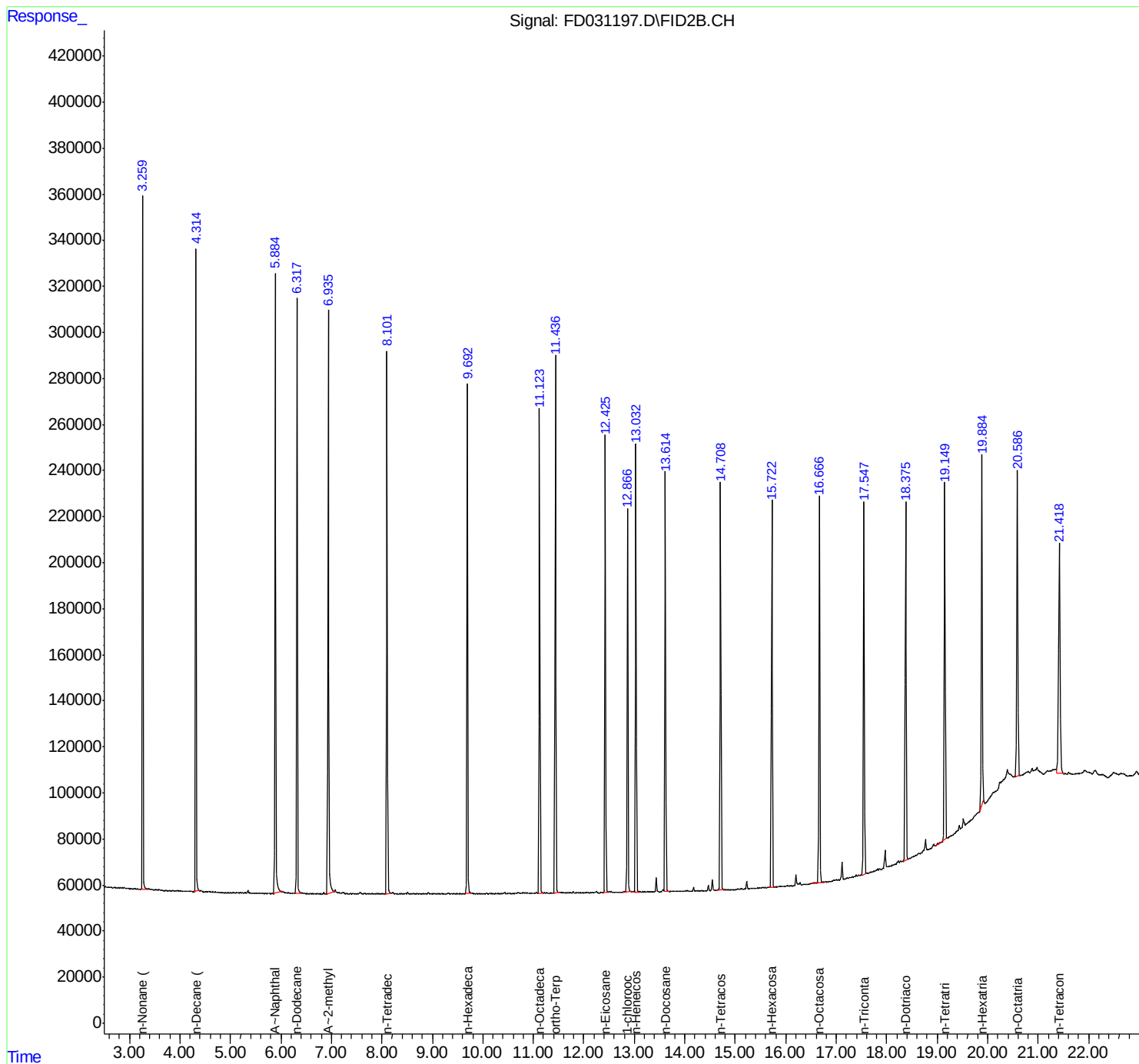
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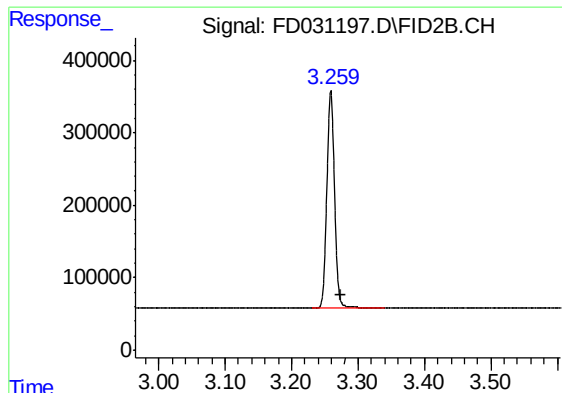
(m)=manual int.

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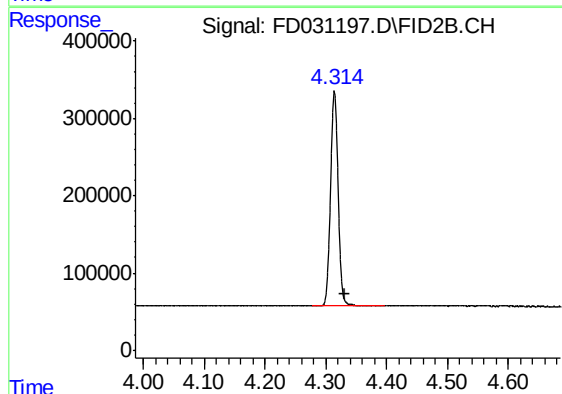
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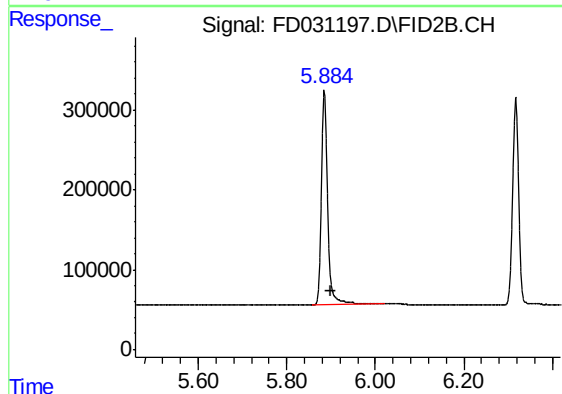
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.015 min
Response: 2414736
Conc: 23.08 ug/ml



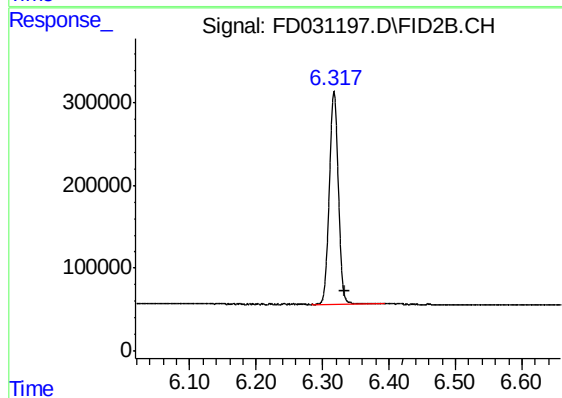
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.016 min
Response: 2432383
Conc: 23.20 ug/ml



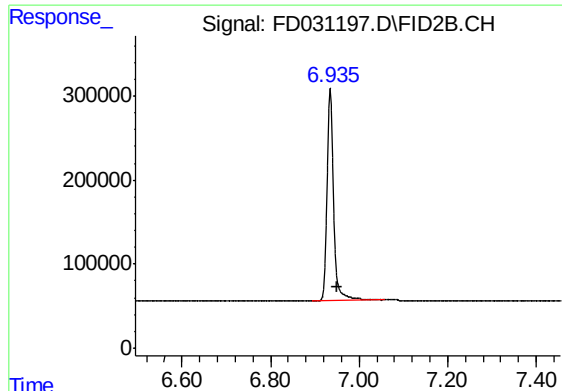
#3 A~Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.015 min
Response: 2621916
Conc: 22.88 ug/ml



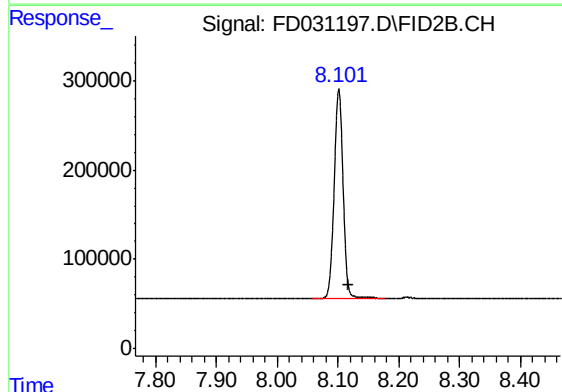
#4 n-Dodecane (C12)

R.T.: 6.317 min
Delta R.T.: -0.017 min
Response: 2431698
Conc: 22.73 ug/ml



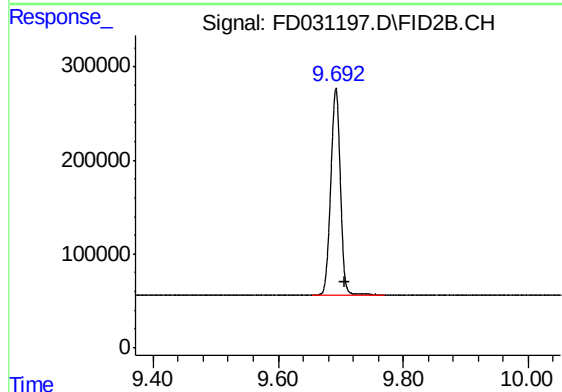
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.015 min
Response: 2598079
Conc: 22.54 ug/ml



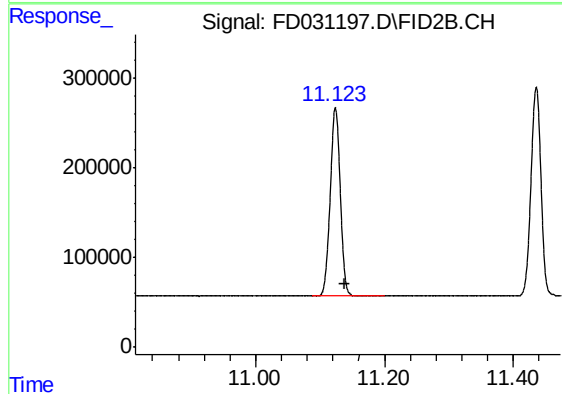
#6 n-Tetradecane (C14)

R.T.: 8.102 min
Delta R.T.: -0.015 min
Response: 2385482
Conc: 22.18 ug/ml



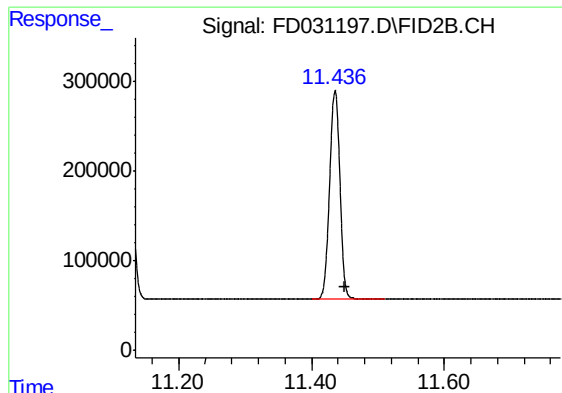
#7 n-Hexadecane (C16)

R.T.: 9.692 min
Delta R.T.: -0.014 min
Response: 2334532
Conc: 21.68 ug/ml



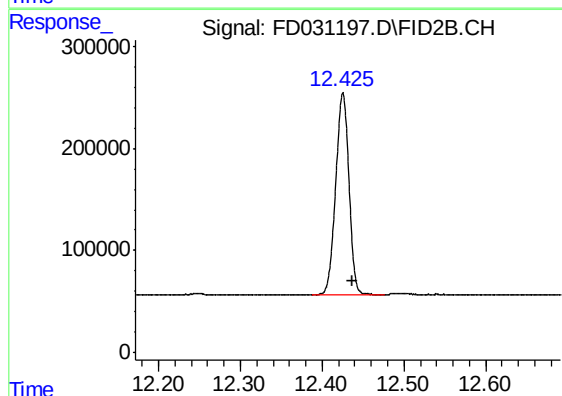
#8 n-Octadecane (C18)

R.T.: 11.124 min
Delta R.T.: -0.015 min
Response: 2286120
Conc: 20.91 ug/ml



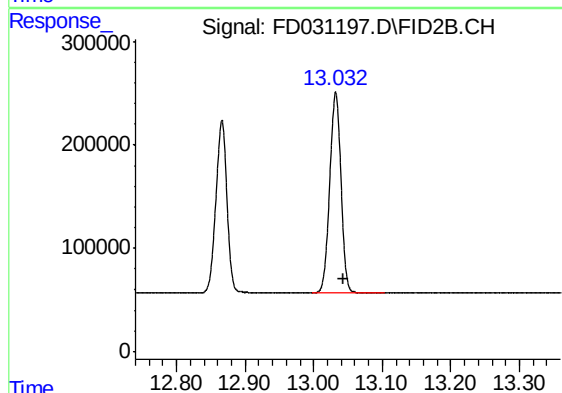
#9 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.015 min
Response: 2526682
Conc: 20.15 ug/ml



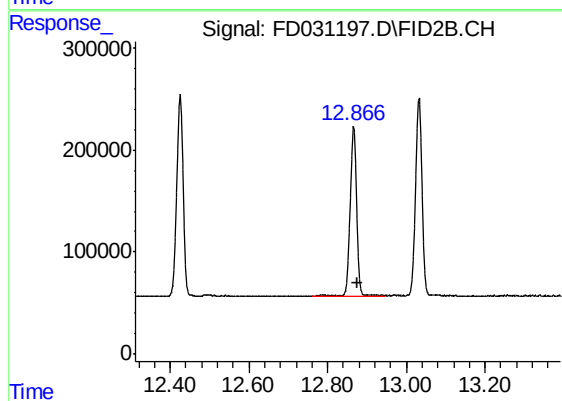
#10 n-Eicosane (C20)

R.T.: 12.425 min
Delta R.T.: -0.011 min
Response: 2215520
Conc: 20.26 ug/ml



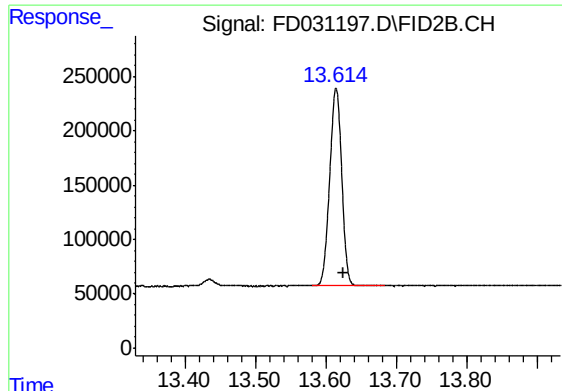
#11 n-Heneicosane (C21)

R.T.: 13.032 min
Delta R.T.: -0.012 min
Response: 2202012
Conc: 20.03 ug/ml



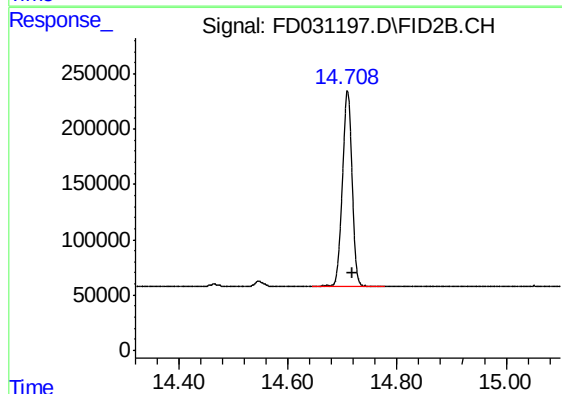
#12 1-chlorooctadecane (SURR)

R.T.: 12.866 min
Delta R.T.: -0.010 min
Response: 1872569
Conc: 20.00 ug/ml



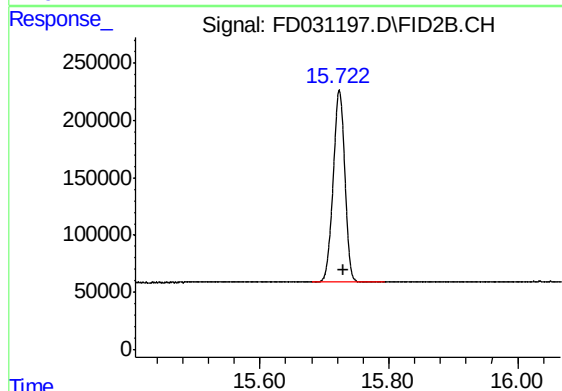
#13 n-Docosane (C22)

R.T.: 13.614 min
Delta R.T.: -0.011 min
Response: 2170595
Conc: 19.85 ug/ml



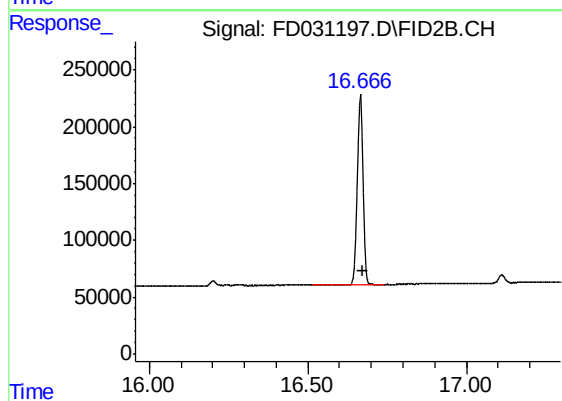
#14 n-Tetracosane (C24)

R.T.: 14.709 min
Delta R.T.: -0.009 min
Response: 2159431
Conc: 19.77 ug/ml



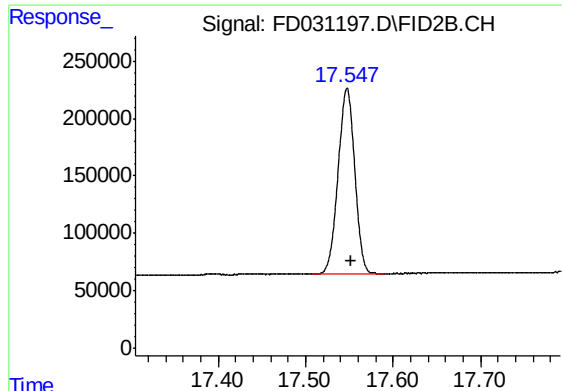
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: -0.007 min
Response: 2105218
Conc: 19.45 ug/ml



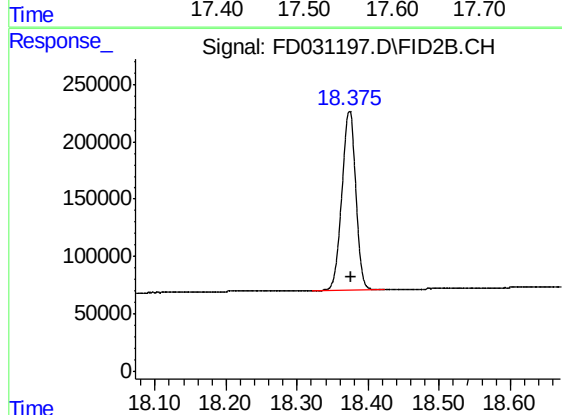
#16 n-Octacosane (C28)

R.T.: 16.666 min
Delta R.T.: -0.006 min
Response: 2116887
Conc: 19.72 ug/ml



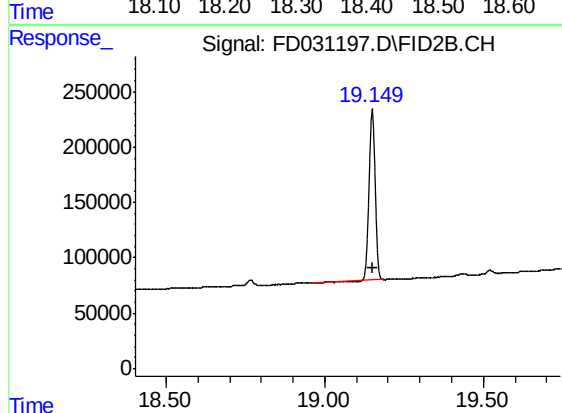
#17 n-Tricontane (C30)

R.T.: 17.547 min
Delta R.T.: -0.004 min
Response: 2136444
Conc: 20.06 ug/ml m



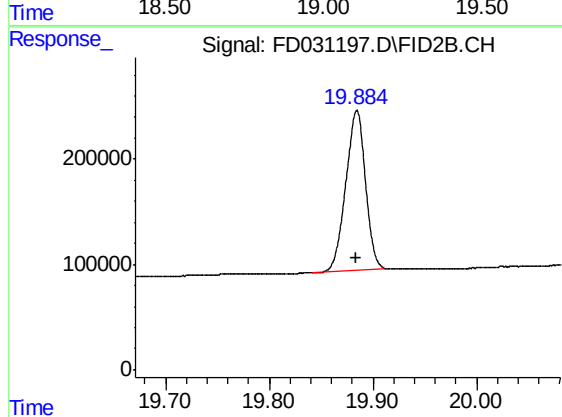
#18 n-Dotriacontane (C32)

R.T.: 18.375 min
Delta R.T.: 0.000 min
Response: 2119767
Conc: 20.59 ug/ml m



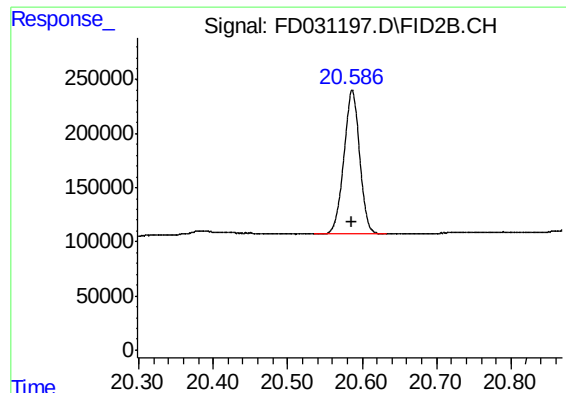
#19 n-Tetatriacontane (C34)

R.T.: 19.150 min
Delta R.T.: -0.002 min
Response: 2068843
Conc: 21.05 ug/ml



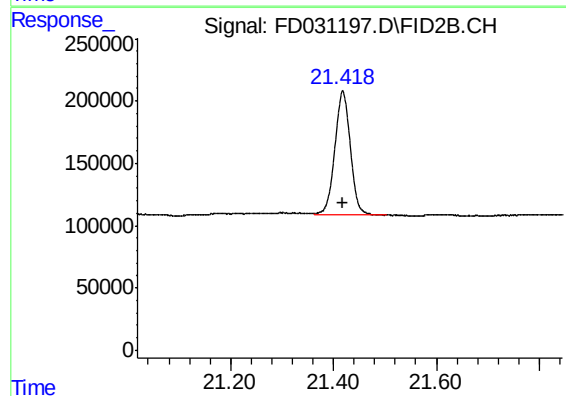
#20 n-Hexatriacontane (C36)

R.T.: 19.884 min
Delta R.T.: 0.000 min
Response: 1995644
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.586 min
Delta R.T.: 0.000 min
Response: 1946529
Conc: 22.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: 0.000 min
Response: 2094921
Conc: 23.58 ug/ml m