

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072121AL\
 Data File : FE034121.D
 Signal(s) : FID1B.CH
 Acq On : 21 Jul 2021 17:43
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:20:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 22 02:19:34 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)	11.618	45221035	99.739 ug/ml
Spiked Amount 50.000		Recovery =	199.48%
12) S 1-chlorooctadecane (S...	13.049	34679968	100.287 ug/ml
Spiked Amount 50.000		Recovery =	200.57%
Target Compounds			
1) T n-Nonane (C9)	3.401	37833415	99.099 ug/ml
2) T n-Decane (C10)	4.445	38446903	99.997 ug/ml
3) T A~Naphthalene (C11.7)	6.022	43608904	101.503 ug/ml
4) T n-Dodecane (C12)	6.450	38978876	99.473 ug/ml
5) T A~2-methylnaphthalene...	7.080	44068272	102.393 ug/ml
6) T n-Tetradecane (C14)	8.247	40042086	99.820 ug/ml
7) T n-Hexadecane (C16)	9.850	40564314	99.713 ug/ml
8) T n-Octadecane (C18)	11.298	41788227	99.095 ug/ml
10) T n-Eicosane (C20)	12.605	41475085	98.721 ug/ml
11) T n-Heneicosane (C21)	13.220	41869784	98.651 ug/ml
13) T n-Docosane (C22)	13.806	41616502	98.929 ug/ml
14) T n-Tetracosane (C24)	14.909	41711088	99.055 ug/ml
15) T n-Hexacosane (C26)	15.932	40836001	99.533 ug/ml
16) T n-Octacosane (C28)	16.883	40210070	100.666 ug/ml
17) T n-Tricontane (C30)	17.772	38897860	101.854 ug/ml
18) T n-Dotriacontane (C32)	18.605	36651171	102.998 ug/ml
19) T n-Tetratriacontane (C34)	19.389	35139430	105.278 ug/ml
20) T n-Hexatriacontane (C36)	20.129	32409527	105.734 ug/ml
21) T n-Octatriacontane (C38)	20.869	30375526	110.225 ug/ml
22) T n-Tetracontane (C40)	21.787	27821090	108.446 ug/ml

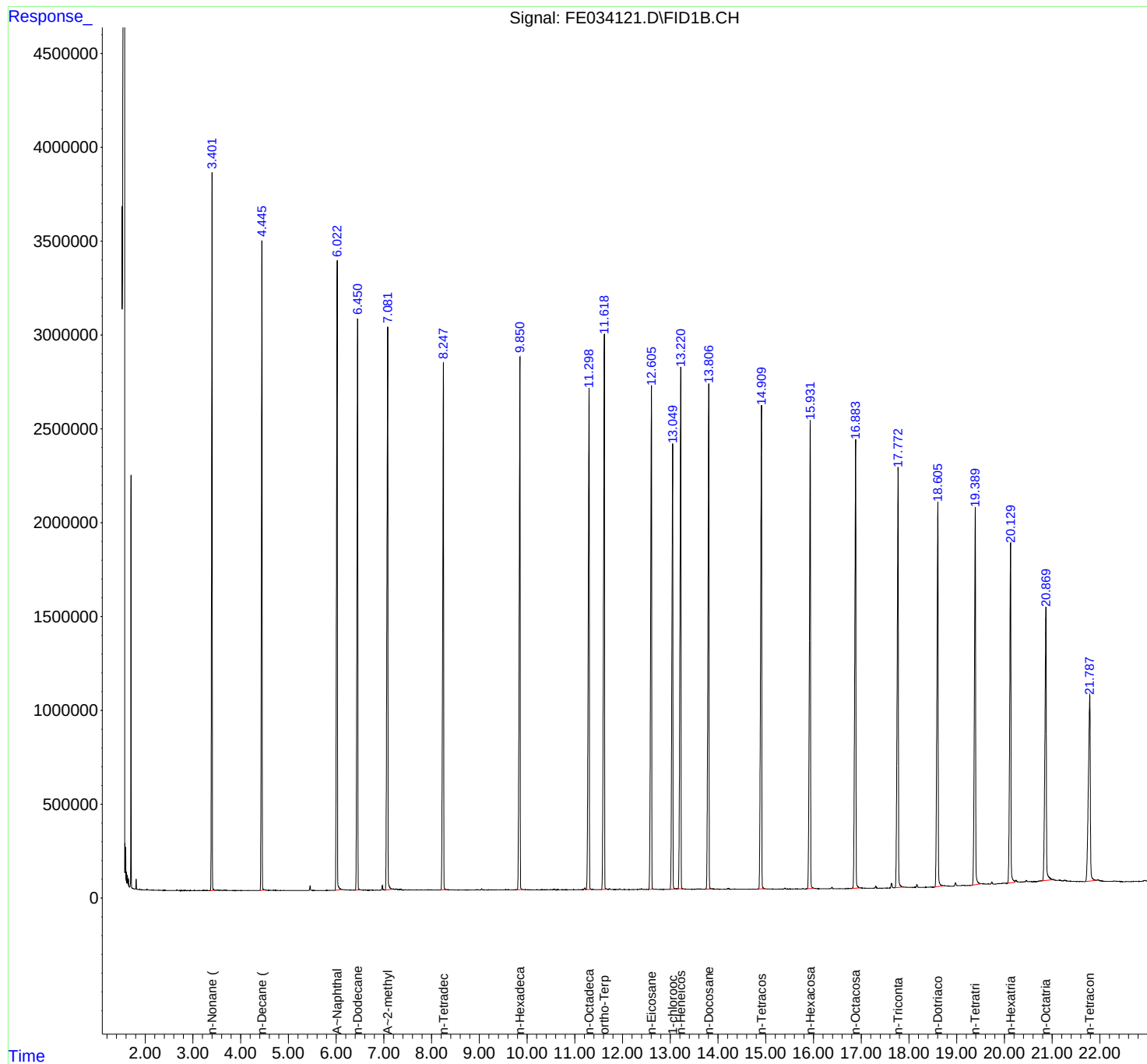
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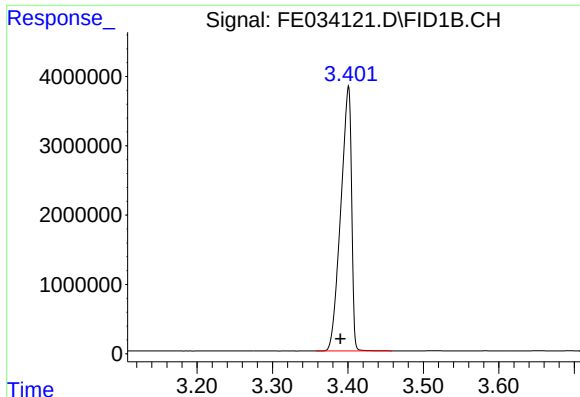
(m)=manual int.

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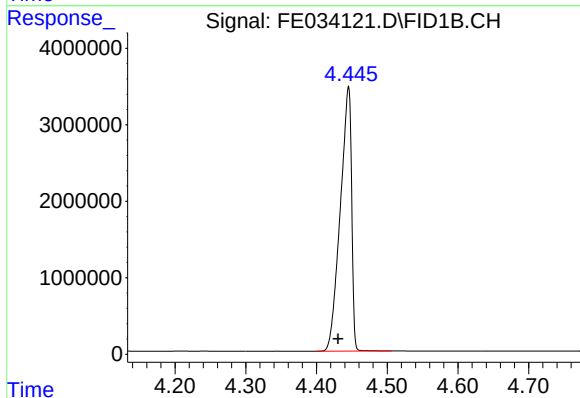
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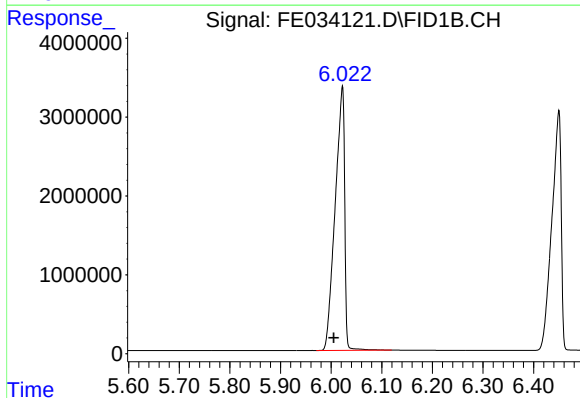
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.011 min
Response: 37833415
Conc: 99.10 ug/ml



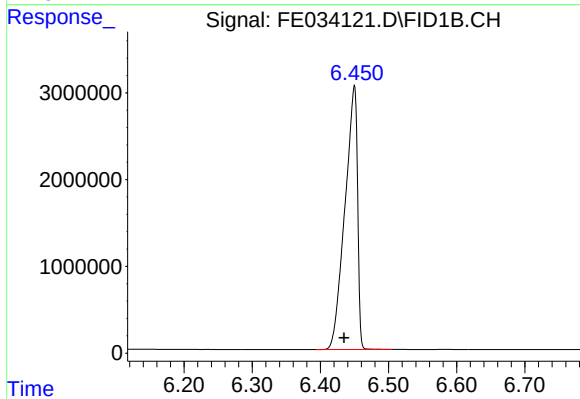
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: 0.014 min
Response: 38446903
Conc: 100.00 ug/ml



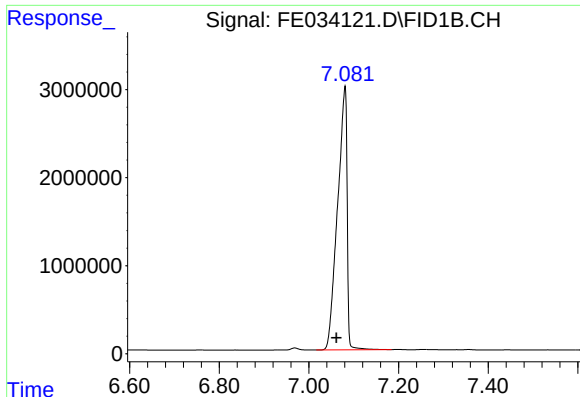
#3 A~Naphthalene (C11.7)

R.T.: 6.022 min
Delta R.T.: 0.017 min
Response: 43608904
Conc: 101.50 ug/ml



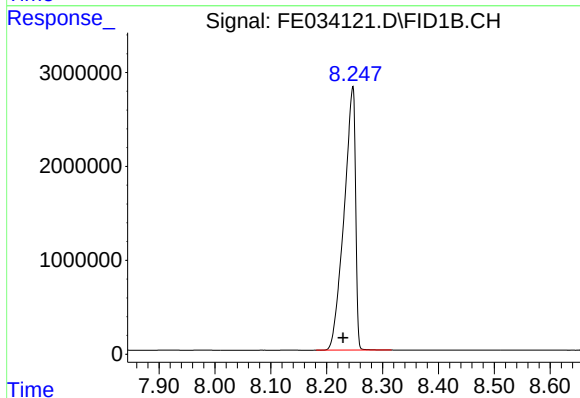
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: 0.015 min
Response: 38978876
Conc: 99.47 ug/ml



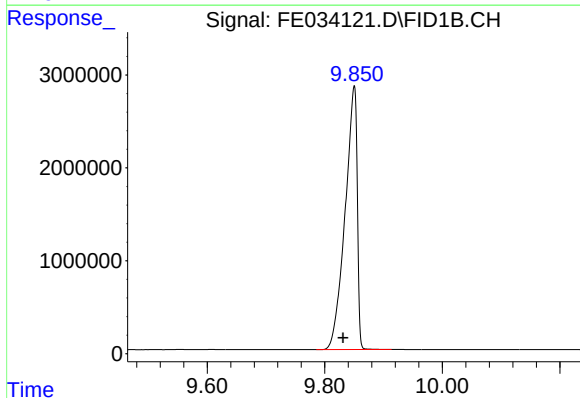
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.080 min
Delta R.T.: 0.019 min
Response: 44068272
Conc: 102.39 ug/ml



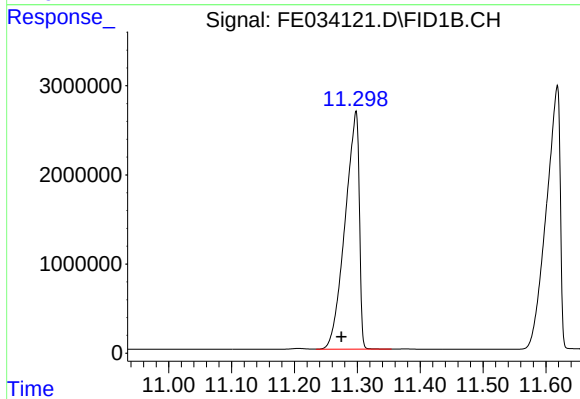
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: 0.017 min
Response: 40042086
Conc: 99.82 ug/ml



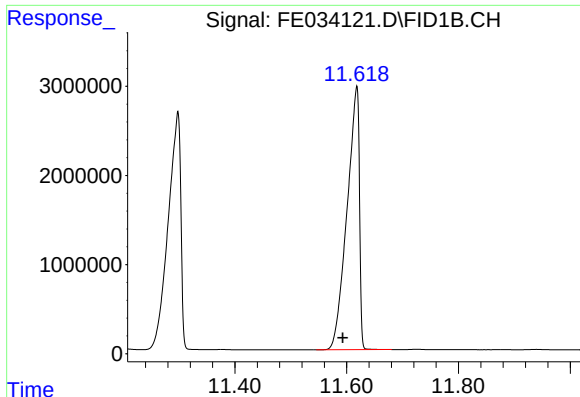
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: 0.019 min
Response: 40564314
Conc: 99.71 ug/ml



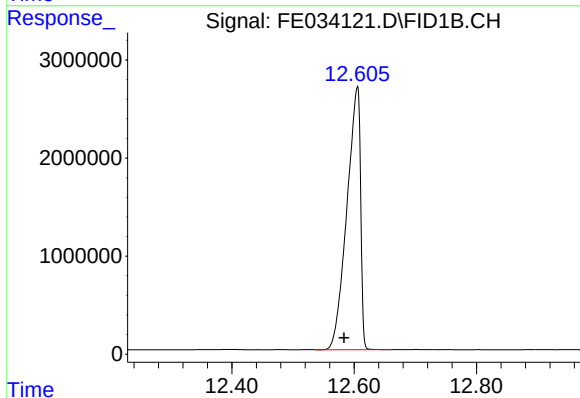
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: 0.023 min
Response: 41788227
Conc: 99.09 ug/ml



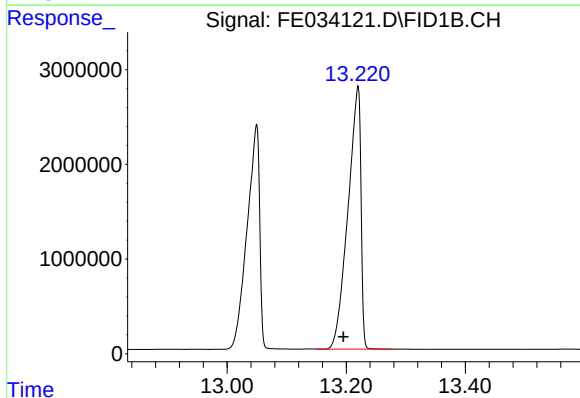
#9 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: 0.025 min
Response: 45221035
Conc: 99.74 ug/ml



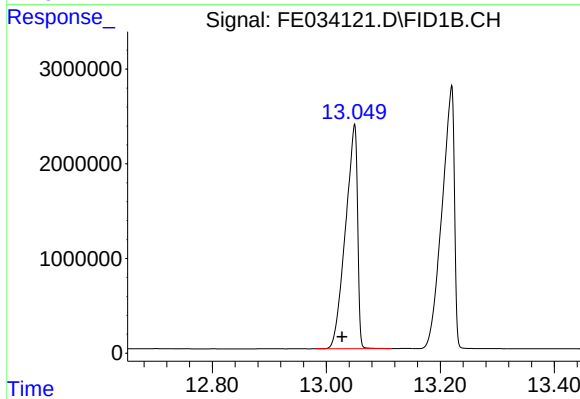
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: 0.022 min
Response: 41475085
Conc: 98.72 ug/ml



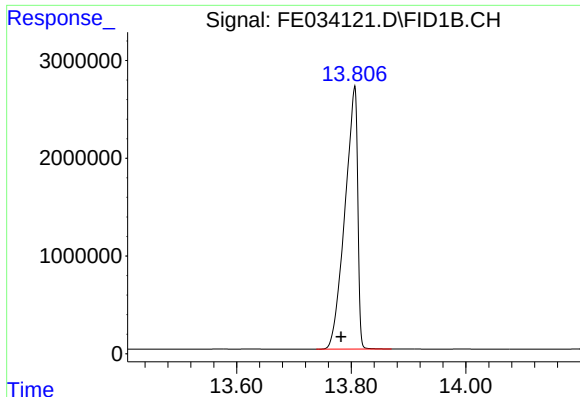
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: 0.024 min
Response: 41869784
Conc: 98.65 ug/ml



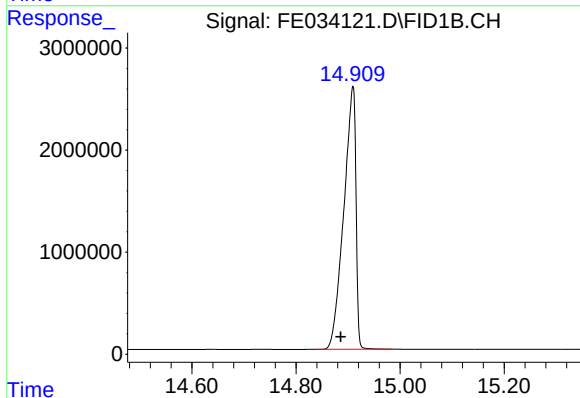
#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: 0.021 min
Response: 34679968
Conc: 100.29 ug/ml



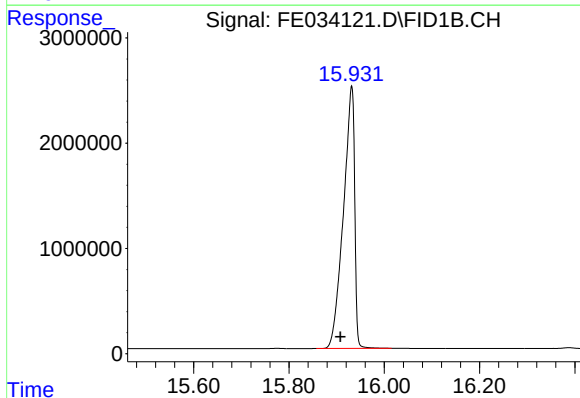
#13 n-Docosane (C22)

R.T.: 13.806 min
Delta R.T.: 0.024 min
Response: 41616502
Conc: 98.93 ug/ml



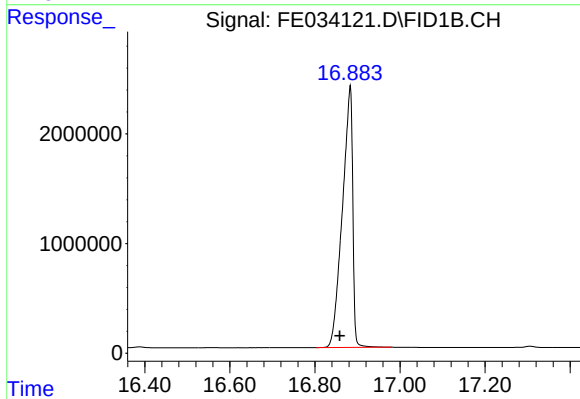
#14 n-Tetracosane (C24)

R.T.: 14.909 min
Delta R.T.: 0.023 min
Response: 41711088
Conc: 99.05 ug/ml



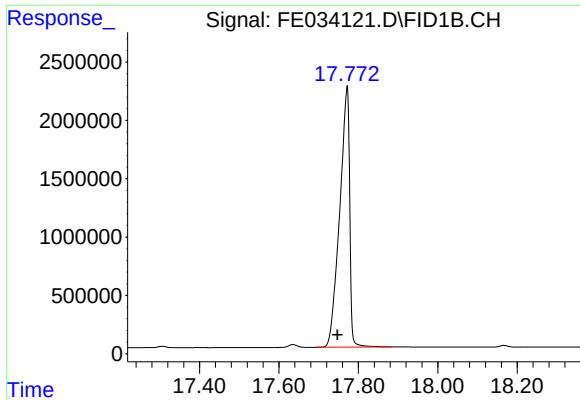
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: 0.024 min
Response: 40836001
Conc: 99.53 ug/ml



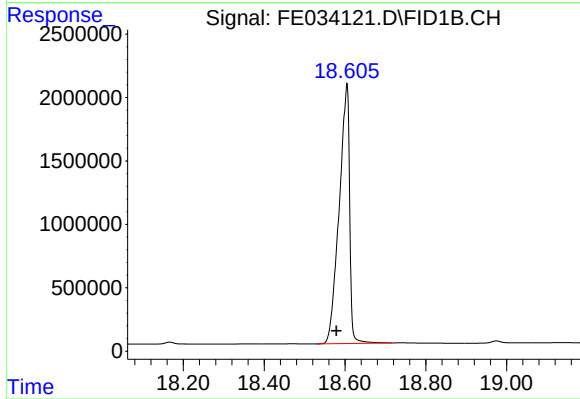
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: 0.025 min
Response: 40210070
Conc: 100.67 ug/ml



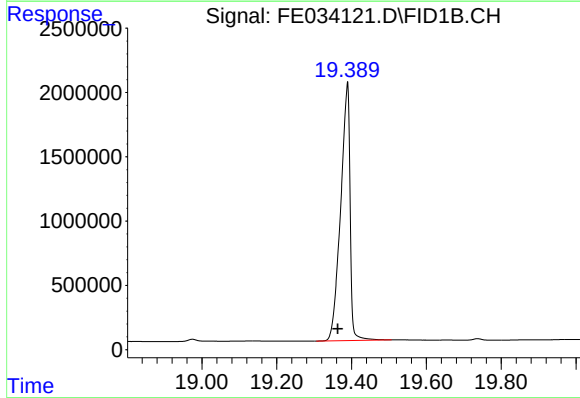
#17 n-Tricontane (C30)

R.T.: 17.772 min
Delta R.T.: 0.025 min
Response: 38897860
Conc: 101.85 ug/ml



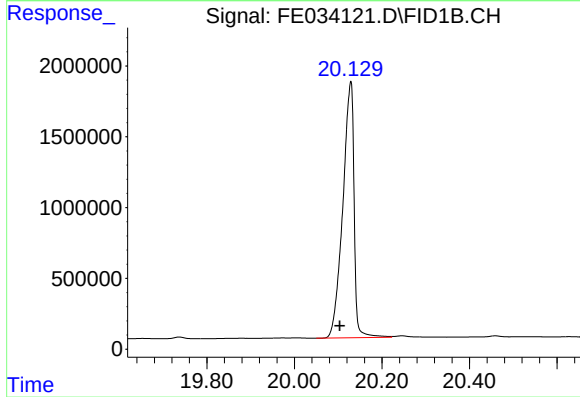
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: 0.026 min
Response: 36651171
Conc: 103.00 ug/ml



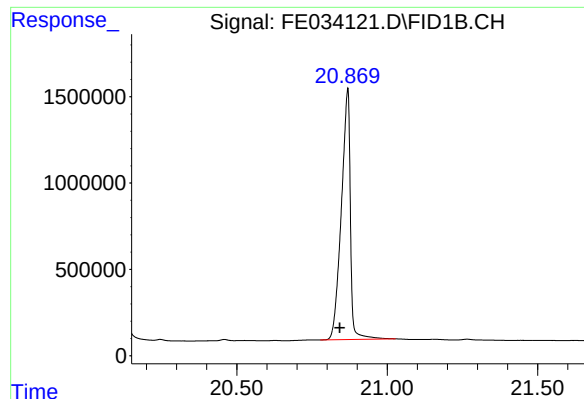
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: 0.026 min
Response: 35139430
Conc: 105.28 ug/ml



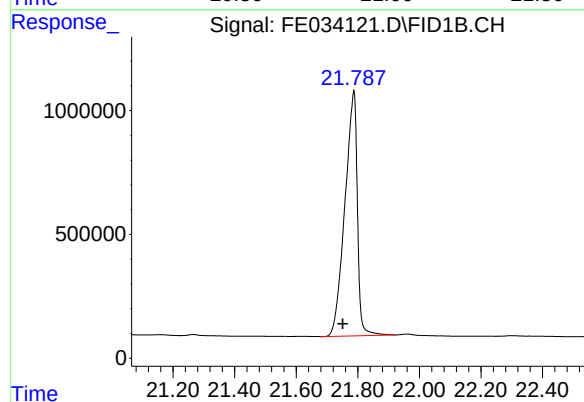
#20 n-Hexatriacontane (C36)

R.T.: 20.129 min
Delta R.T.: 0.025 min
Response: 32409527
Conc: 105.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.027 min
Response: 30375526
Conc: 110.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: 0.036 min
Response: 27821090
Conc: 108.45 ug/ml