

Data Path : P:\HPCHEM1\FID D\Data\FD050818AL\
 Data File : FD023518.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2018 00:49
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 09 07:46:04 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 041718.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 18 01:21:26 2018
 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)	11.124	2714123	20.911 ug/ml
Spiked Amount 50.000		Recovery =	41.82%
12) S 1-chlorooctadecane (S...	12.563	2236176	20.939 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
Target Compounds			
1) T n-Nonane (C9)	2.995	2645622	21.495 ug/mlm
2) T n-Decane (C10)	4.039	2687128	21.479 ug/ml
3) T A-Naphthalene (C11.7)	5.595	2840250	22.488 ug/ml
4) T n-Dodecane (C12)	6.033	2734452	21.247 ug/ml
5) T A-2-methylnaphthalene...	6.642	2681588	21.209 ug/ml
6) T n-Tetradecane (C14)	7.810	2683448	20.574 ug/ml
7) T n-Hexadecane (C16)	9.397	2631834	20.392 ug/ml
8) T n-Octadecane (C18)	10.826	2545677	20.354 ug/ml
10) T n-Eicosane (C20)	12.126	2568767	20.665 ug/ml
11) T n-Heneicosane (C21)	12.733	2556461	20.899 ug/ml
13) T n-Docosane (C22)	13.314	2565389	21.148 ug/ml
14) T n-Tetracosane (C24)	14.410	2566323	21.660 ug/ml
15) T n-Hexacosane (C26)	15.424	2567002	22.044 ug/ml
16) T n-Octacosane (C28)	16.367	2616262	22.213 ug/ml
17) T n-Tricontane (C30)	17.250	2589144	22.180 ug/ml
18) T n-Dotriacontane (C32)	18.077	2605566	21.536 ug/mlm
19) T n-Tetratriacontane (C34)	18.857	2650146	21.834 ug/ml
20) T n-Hexatriacontane (C36)	19.594	2741210	22.663 ug/mlm
21) T n-Octatriacontane (C38)	20.291	2693652	22.078 ug/mlm
22) T n-Tetracontane (C40)	21.035	2554900	20.260 ug/mlm

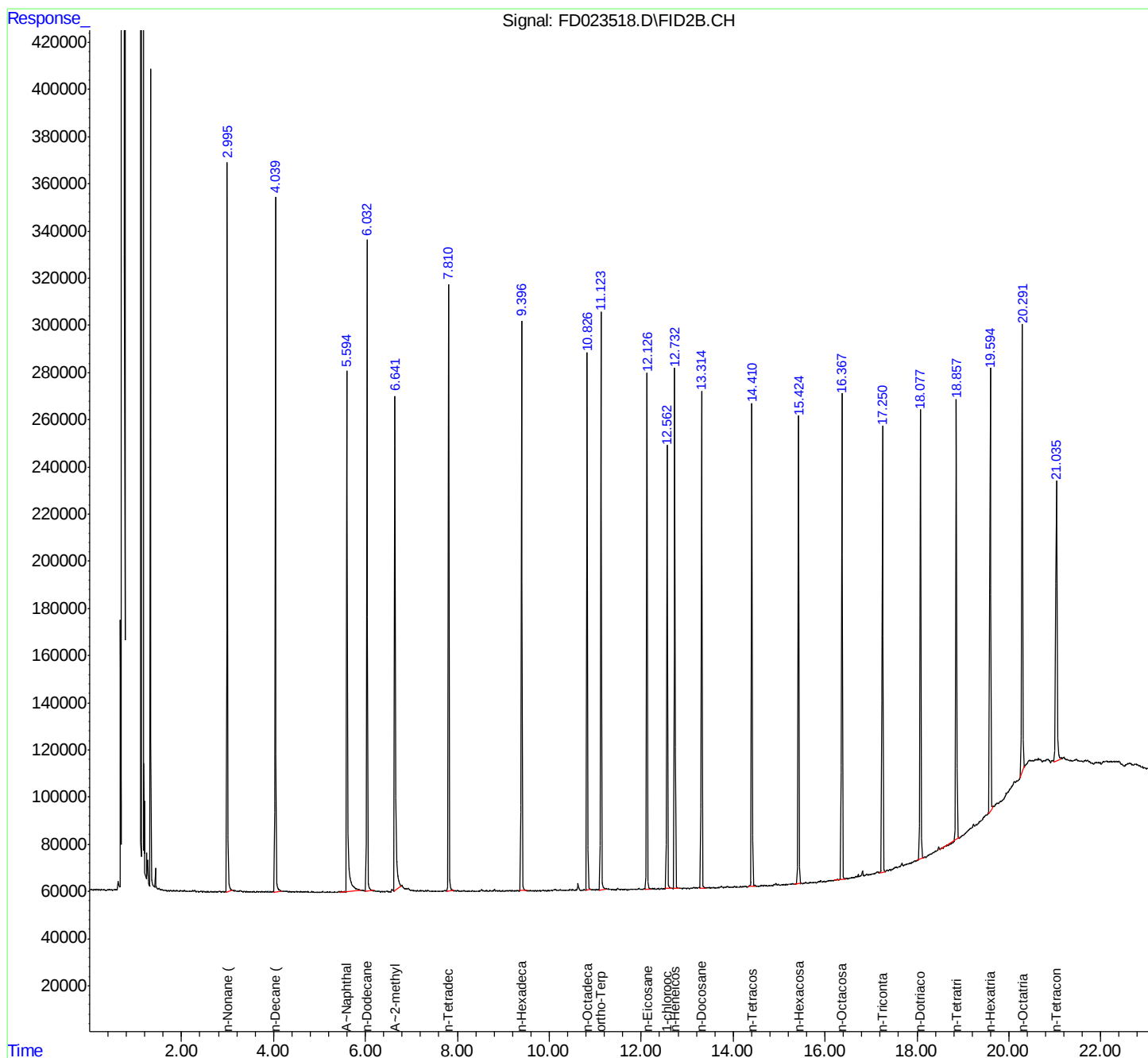
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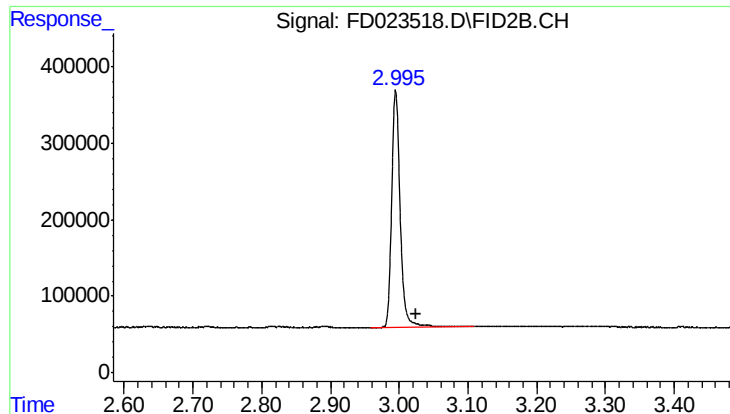
(m)=manual int.

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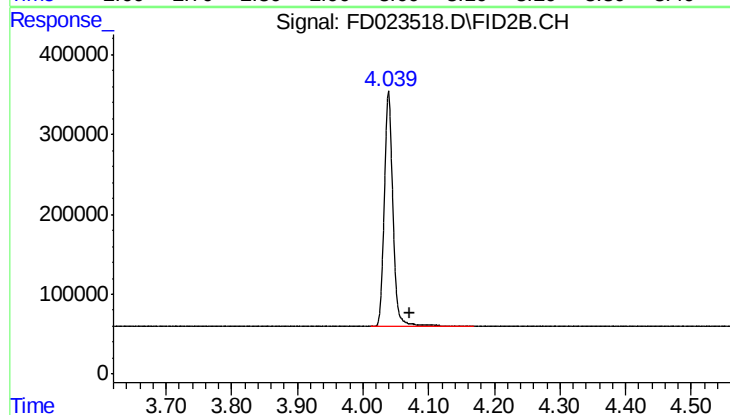
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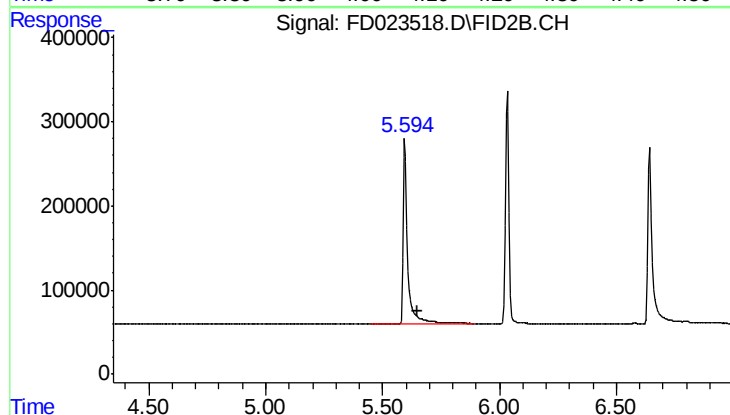
#1 n-Nonane (C9)

R.T.: 2.995 min
Delta R.T.: -0.030 min
Response: 2645622
Conc: 21.50 ug/ml m



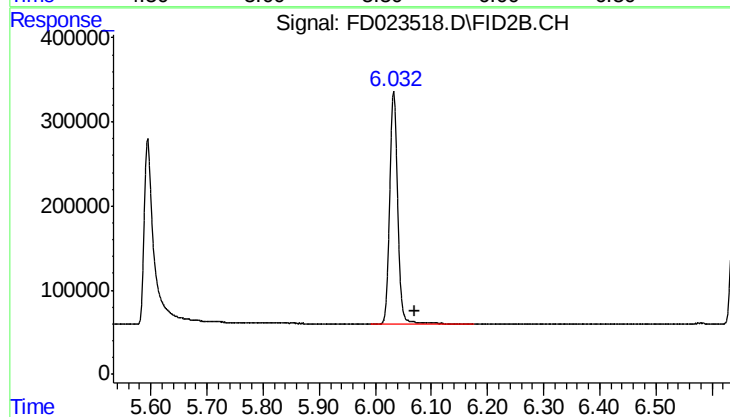
#2 n-Decane (C10)

R.T.: 4.039 min
Delta R.T.: -0.032 min
Response: 2687128
Conc: 21.48 ug/ml



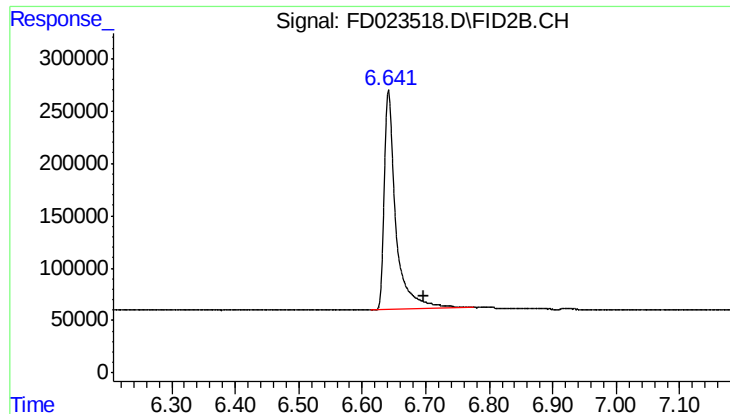
#3 A-Naphthalene (C11.7)

R.T.: 5.595 min
Delta R.T.: -0.053 min
Response: 2840250
Conc: 22.49 ug/ml



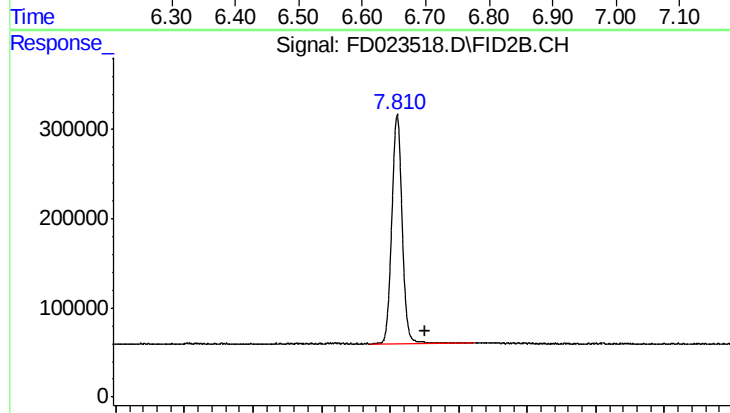
#4 n-Dodecane (C12)

R.T.: 6.033 min
Delta R.T.: -0.037 min
Response: 2734452
Conc: 21.25 ug/ml



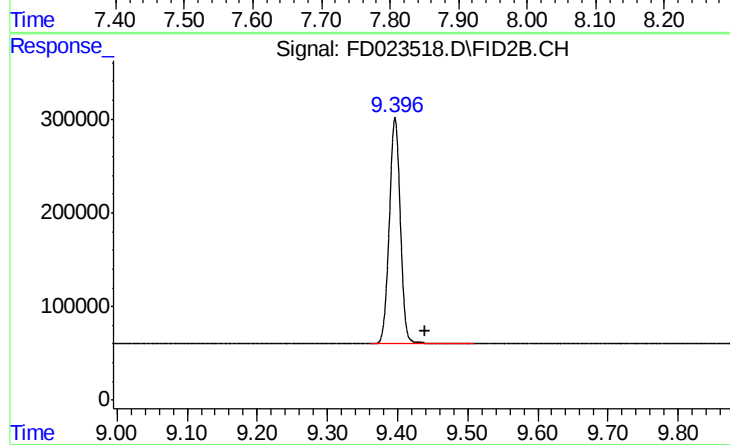
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.642 min
Delta R.T.: -0.055 min
Response: 2681588
Conc: 21.21 ug/ml



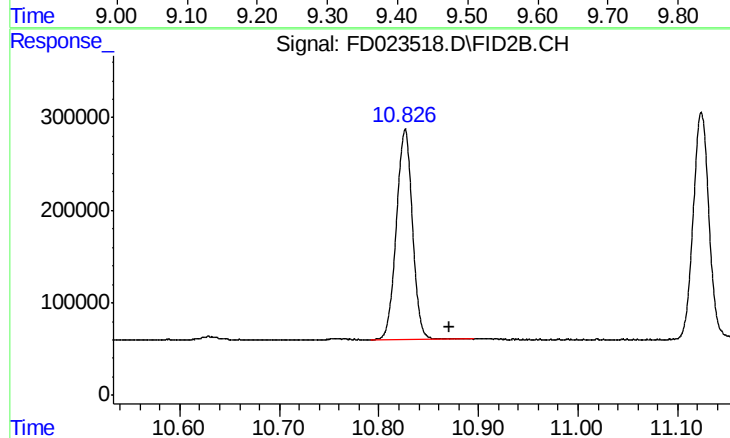
#6 n-Tetradecane (C14)

R.T.: 7.810 min
Delta R.T.: -0.041 min
Response: 2683448
Conc: 20.57 ug/ml



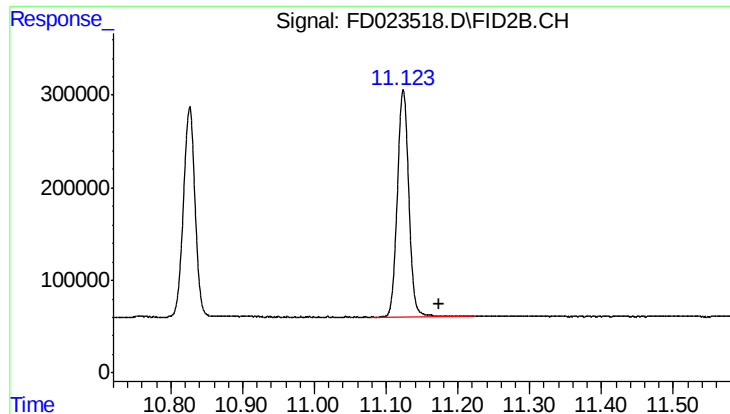
#7 n-Hexadecane (C16)

R.T.: 9.397 min
Delta R.T.: -0.043 min
Response: 2631834
Conc: 20.39 ug/ml



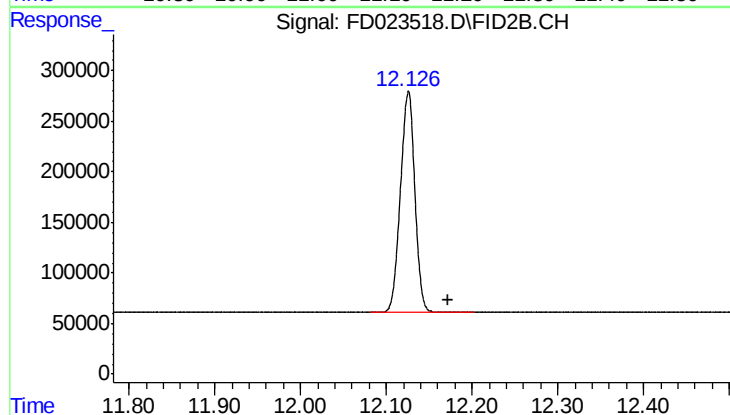
#8 n-Octadecane (C18)

R.T.: 10.826 min
Delta R.T.: -0.044 min
Response: 2545677
Conc: 20.35 ug/ml



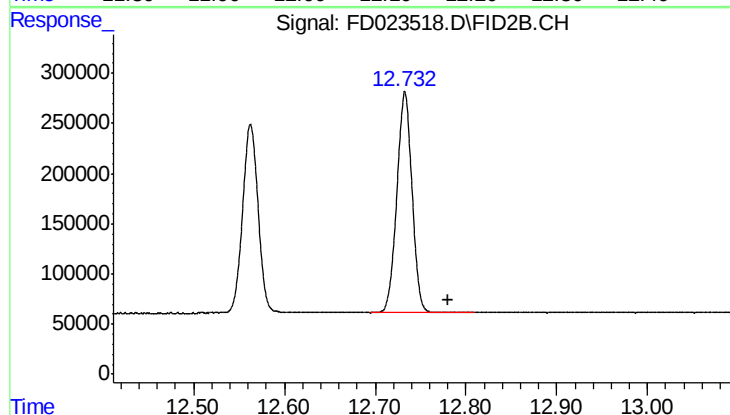
#9 ortho-Terphenyl (SURR)

R.T.: 11.124 min
Delta R.T.: -0.049 min
Response: 2714123
Conc: 20.91 ug/ml



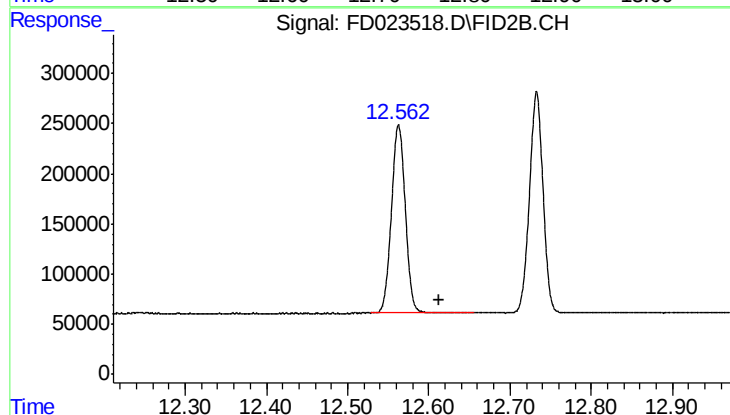
#10 n-Eicosane (C20)

R.T.: 12.126 min
Delta R.T.: -0.046 min
Response: 2568767
Conc: 20.67 ug/ml



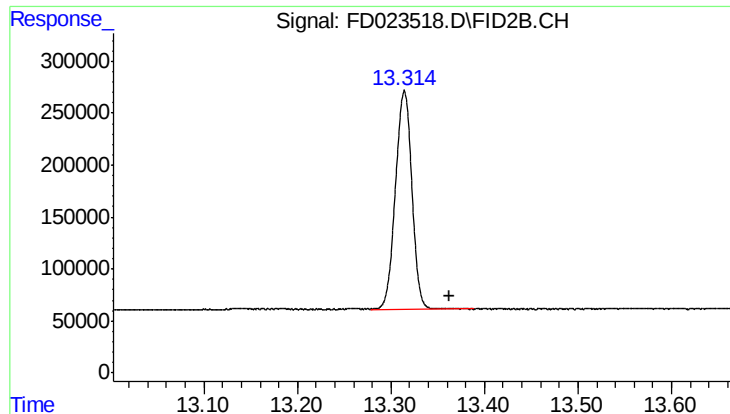
#11 n-Heneicosane (C21)

R.T.: 12.733 min
Delta R.T.: -0.048 min
Response: 2556461
Conc: 20.90 ug/ml



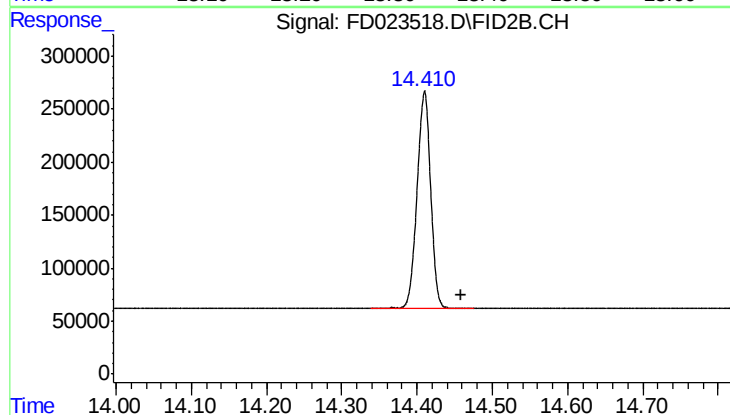
#12 1-chlorooctadecane (SURR)

R.T.: 12.563 min
Delta R.T.: -0.049 min
Response: 2236176
Conc: 20.94 ug/ml



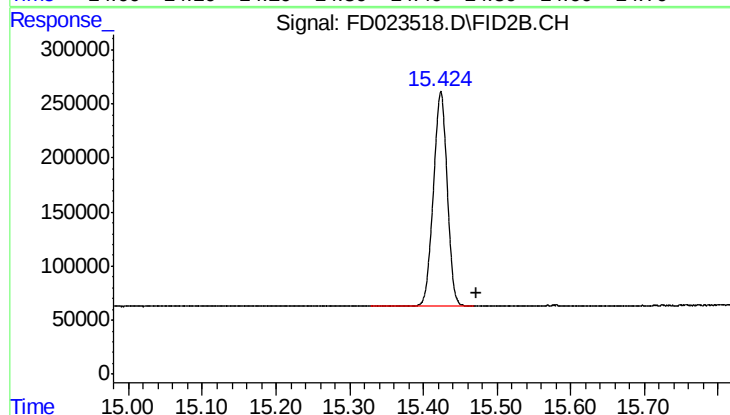
#13 n-Docosane (C22)

R.T.: 13.314 min
Delta R.T.: -0.048 min
Response: 2565389
Conc: 21.15 ug/ml



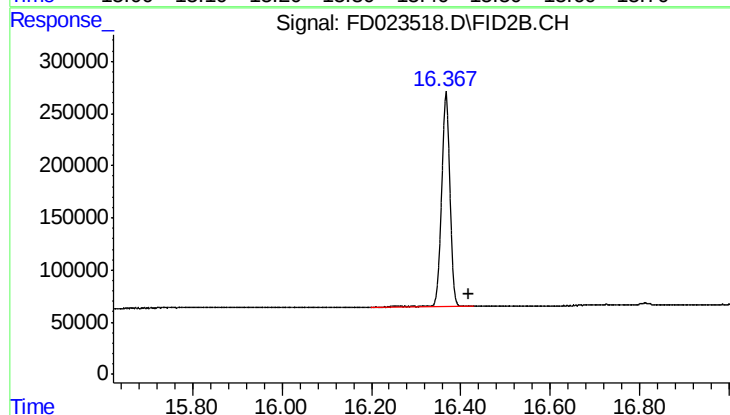
#14 n-Tetracosane (C24)

R.T.: 14.410 min
Delta R.T.: -0.049 min
Response: 2566323
Conc: 21.66 ug/ml



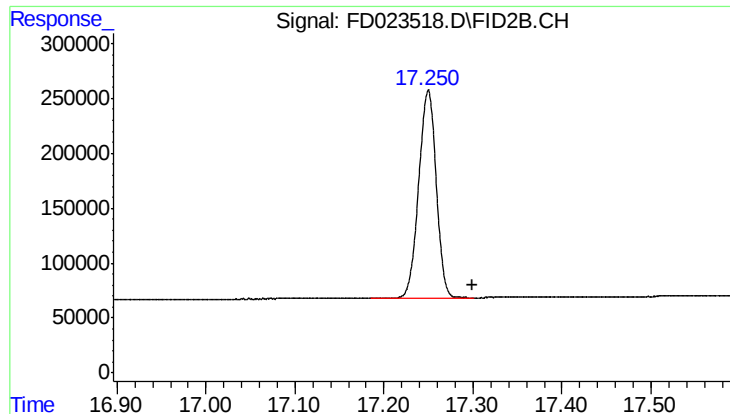
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: -0.049 min
Response: 2567002
Conc: 22.04 ug/ml



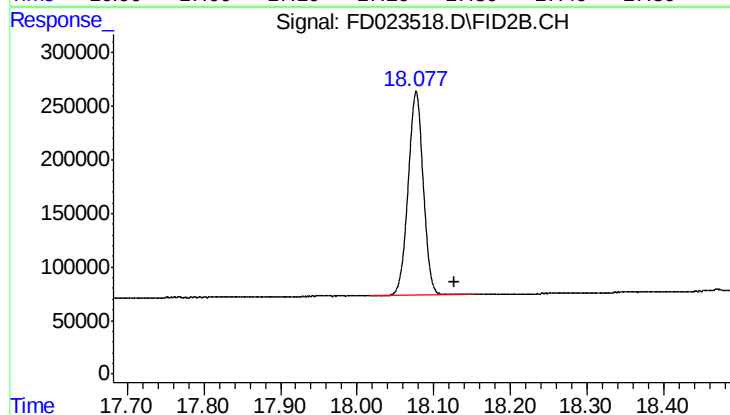
#16 n-Octacosane (C28)

R.T.: 16.367 min
Delta R.T.: -0.050 min
Response: 2616262
Conc: 22.21 ug/ml



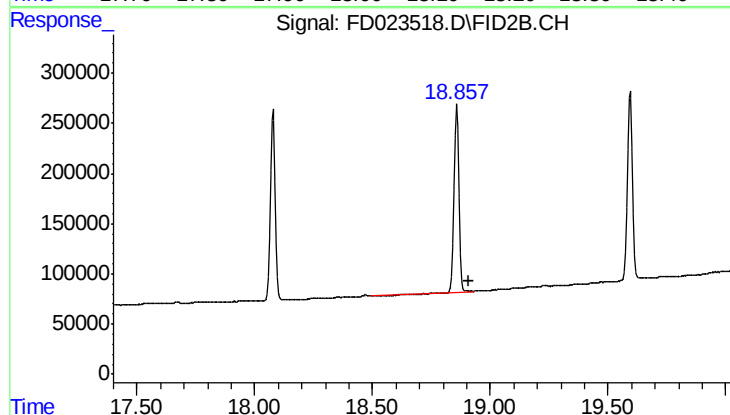
#17 n-Tricontane (C30)

R.T.: 17.250 min
Delta R.T.: -0.050 min
Response: 2589144
Conc: 22.18 ug/ml



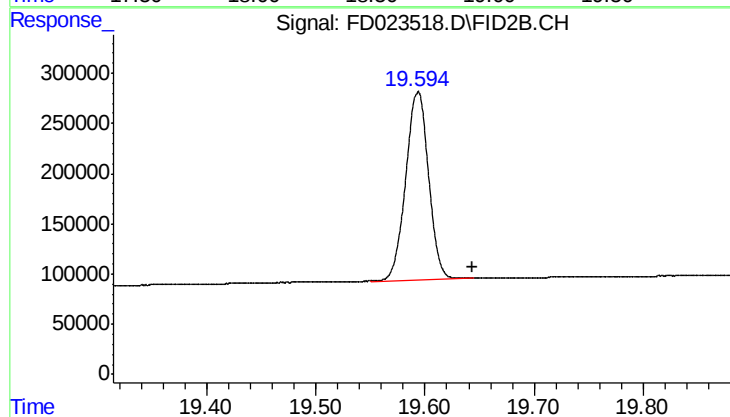
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: -0.051 min
Response: 2605566
Conc: 21.54 ug/ml m



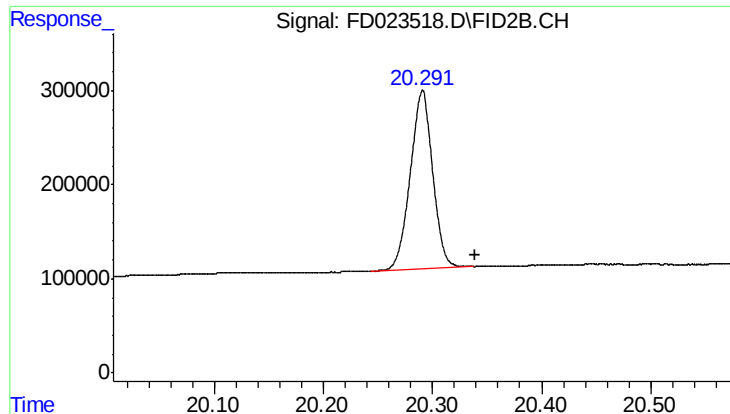
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: -0.049 min
Response: 2650146
Conc: 21.83 ug/ml



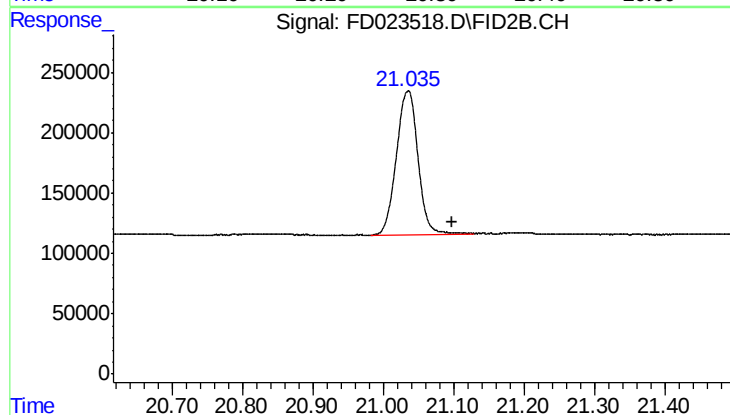
#20 n-Hexatriacontane (C36)

R.T.: 19.594 min
Delta R.T.: -0.050 min
Response: 2741210
Conc: 22.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: -0.048 min
Response: 2693652
Conc: 22.08 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.062 min
Response: 2554900
Conc: 20.26 ug/ml m