

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110722AL\
 Data File : FE038592.D
 Signal(s) : FID1B.ch
 Acq On : 07 Nov 2022 09:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 04:03:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.966	2941095	17.092 ug/ml
Spiked Amount 50.000		Recovery =	34.18%
12) S 1-chlorooctadecane (S...	13.400	2279182	16.648 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
Target Compounds			
1) T n-Nonane (C9)	3.363	2809478	18.242 ug/ml
2) T n-Decane (C10)	4.611	2857192	18.407 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3010579	17.777 ug/ml
4) T n-Dodecane (C12)	6.773	2850264	18.246 ug/ml
5) T A~2-methylnaphthalene...	7.408	2925732	17.458 ug/ml
6) T n-Tetradecane (C14)	8.598	2818232	18.021 ug/ml
7) T n-Hexadecane (C16)	10.205	2819439	17.846 ug/ml
8) T n-Octadecane (C18)	11.647	2812172	17.556 ug/ml
10) T n-Eicosane (C20)	12.956	2765642	17.164 ug/ml
11) T n-Heneicosane (C21)	13.566	2743245	16.982 ug/ml
13) T n-Docosane (C22)	14.152	2732636	16.927 ug/ml
14) T n-Tetracosane (C24)	15.255	2652750	16.539 ug/ml
15) T n-Hexacosane (C26)	16.274	2614988	16.463 ug/ml
16) T n-Octacosane (C28)	17.222	2636529	16.805 ug/ml
17) T n-Tricontane (C30)	18.110	2805920	17.586 ug/ml
18) T n-Dotriacontane (C32)	18.941	2952589	18.726 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2790946	18.931 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	2859943	20.016 ug/ml
21) T n-Octatriacontane (C38)	21.207	2666396	19.742 ug/ml
22) T n-Tetracontane (C40)	22.132	2933145	23.237 ug/mlm

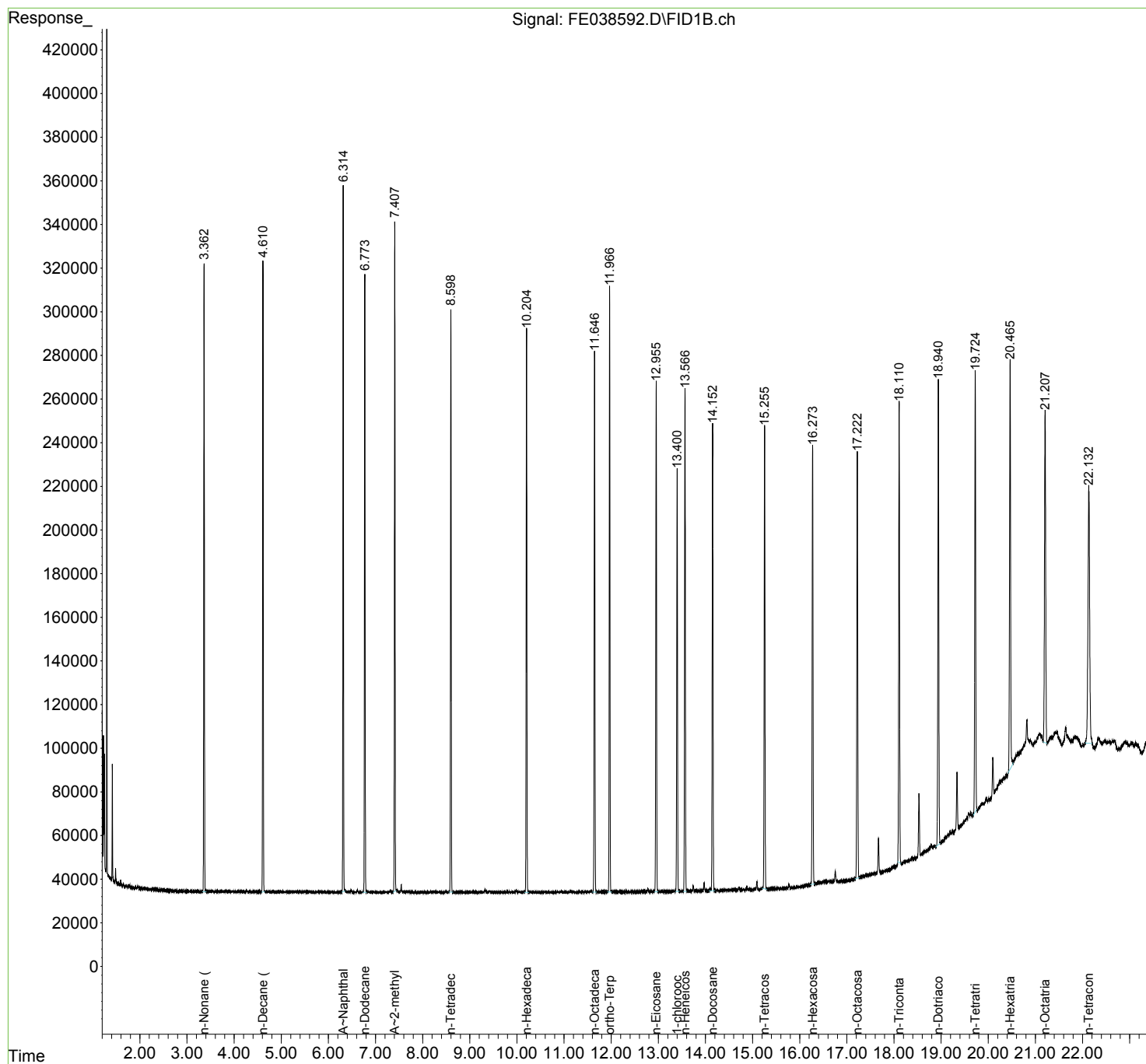
(f)=RT Delta > 1/2 Window

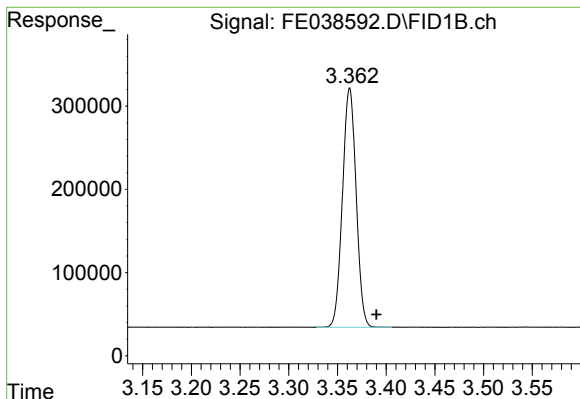
(m)=manual int.

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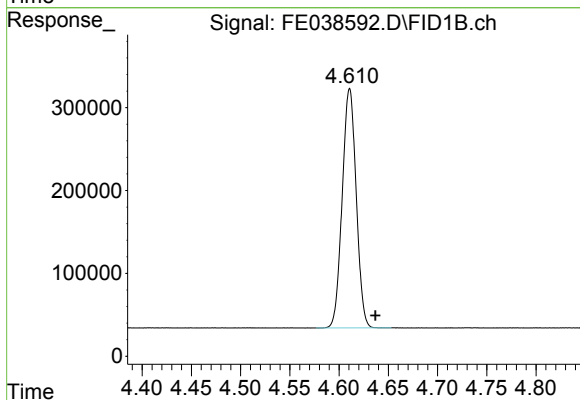
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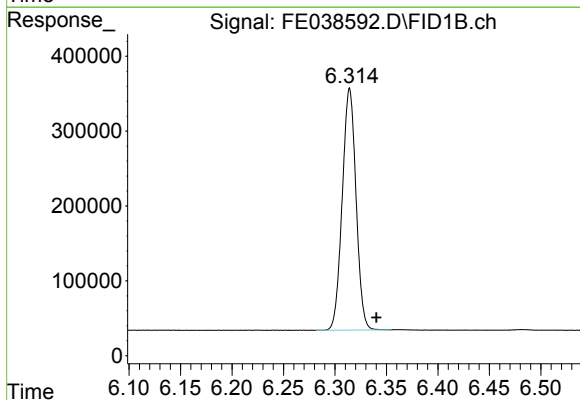
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: -0.027 min
Response: 2809478
Conc: 18.24 ug/ml



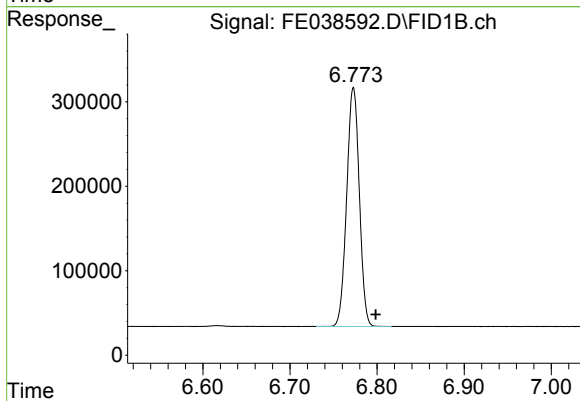
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: -0.026 min
Response: 2857192
Conc: 18.41 ug/ml



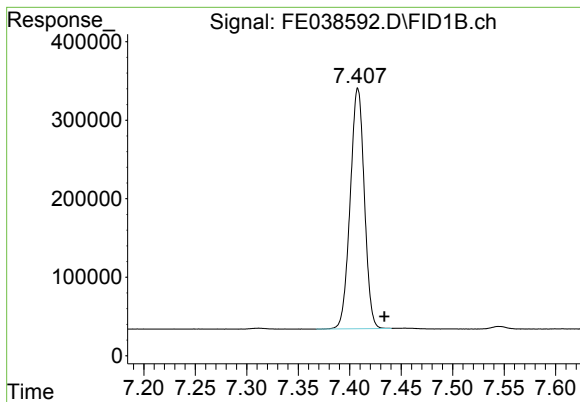
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: -0.026 min
Response: 3010579
Conc: 17.78 ug/ml



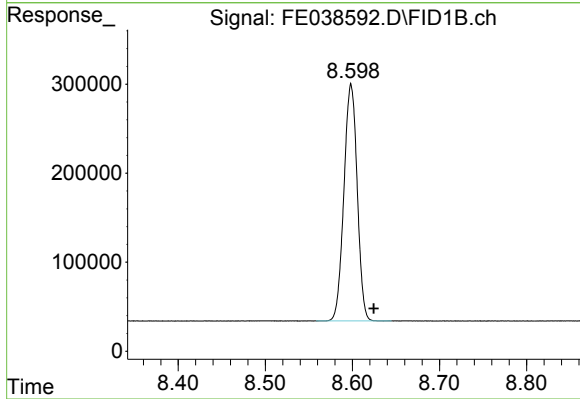
#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: -0.025 min
Response: 2850264
Conc: 18.25 ug/ml



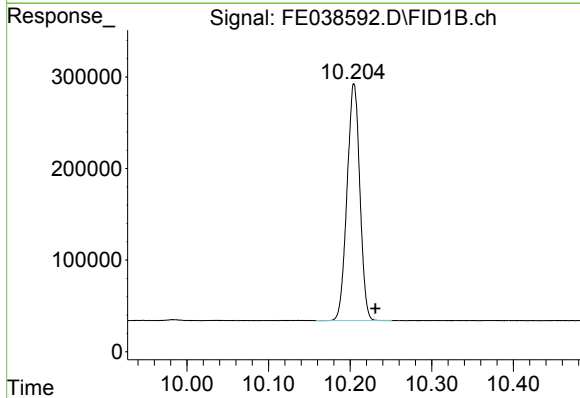
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.408 min
Delta R.T.: -0.026 min
Response: 2925732
Conc: 17.46 ug/ml



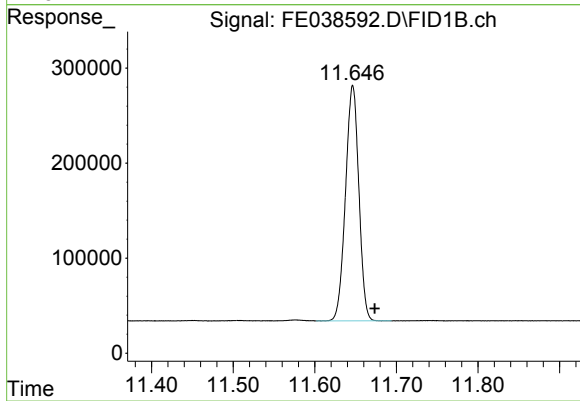
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.026 min
Response: 2818232
Conc: 18.02 ug/ml



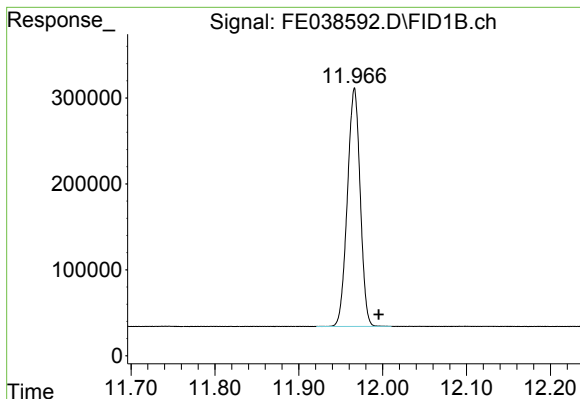
#7 n-Hexadecane (C16)

R.T.: 10.205 min
Delta R.T.: -0.026 min
Response: 2819439
Conc: 17.85 ug/ml



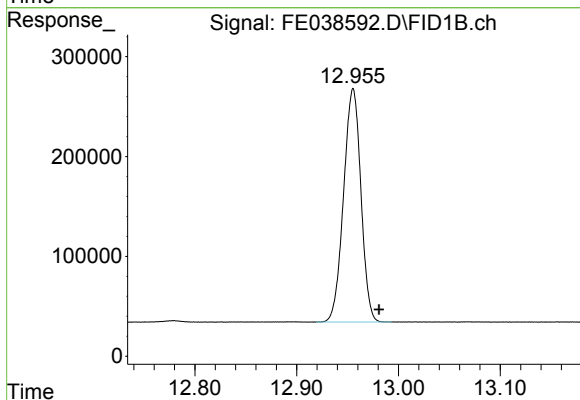
#8 n-Octadecane (C18)

R.T.: 11.647 min
Delta R.T.: -0.027 min
Response: 2812172
Conc: 17.56 ug/ml



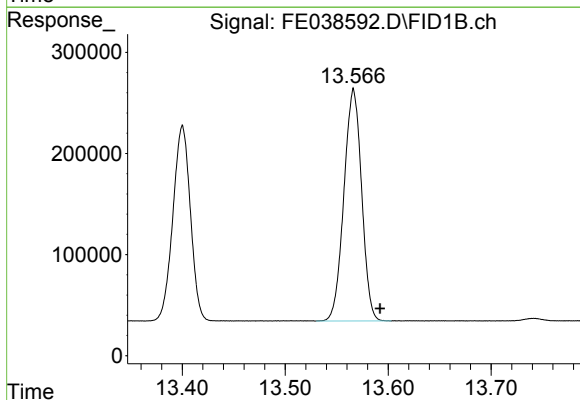
#9 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: -0.029 min
Response: 2941095
Conc: 17.09 ug/ml



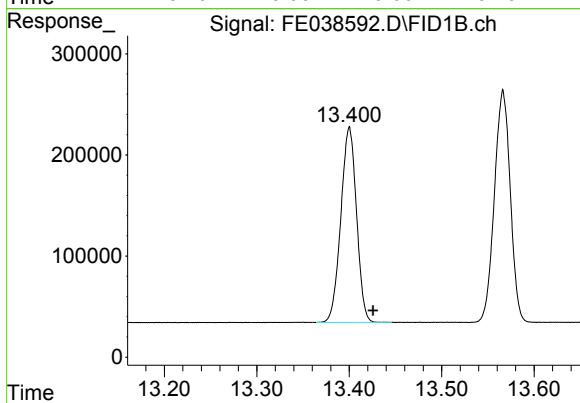
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: -0.026 min
Response: 2765642
Conc: 17.16 ug/ml



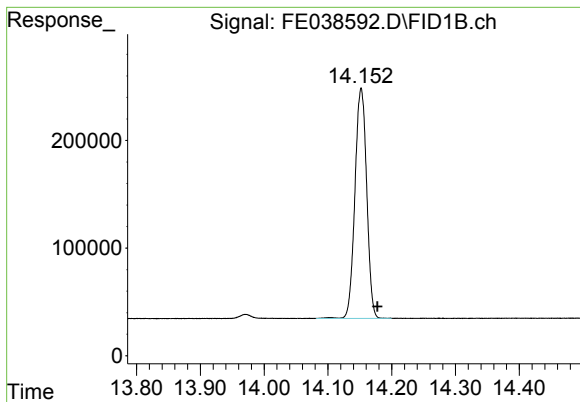
#11 n-Heneicosane (C21)

R.T.: 13.566 min
Delta R.T.: -0.026 min
Response: 2743245
Conc: 16.98 ug/ml



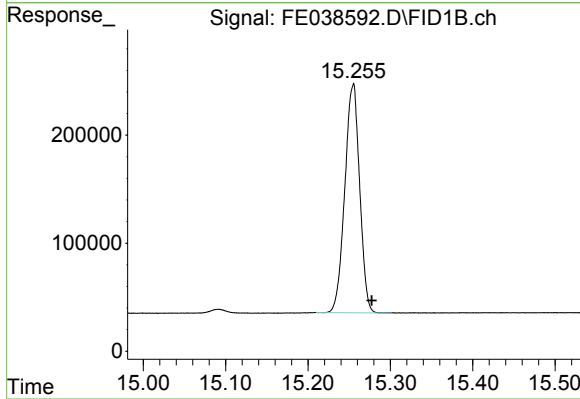
#12 1-chlorooctadecane (SURR)

R.T.: 13.400 min
Delta R.T.: -0.026 min
Response: 2279182
Conc: 16.65 ug/ml



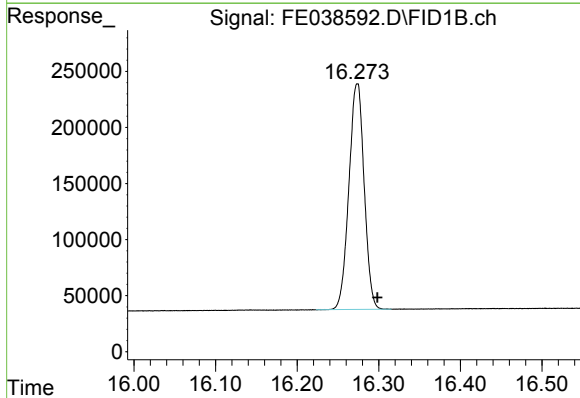
#13 n-Docosane (C22)

R.T.: 14.152 min
Delta R.T.: -0.025 min
Response: 2732636
Conc: 16.93 ug/ml



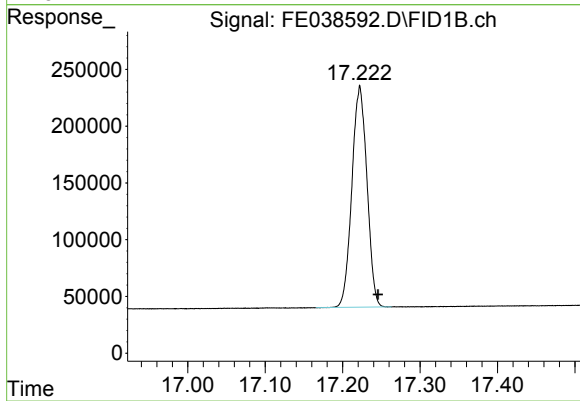
#14 n-Tetracosane (C24)

R.T.: 15.255 min
Delta R.T.: -0.022 min
Response: 2652750
Conc: 16.54 ug/ml



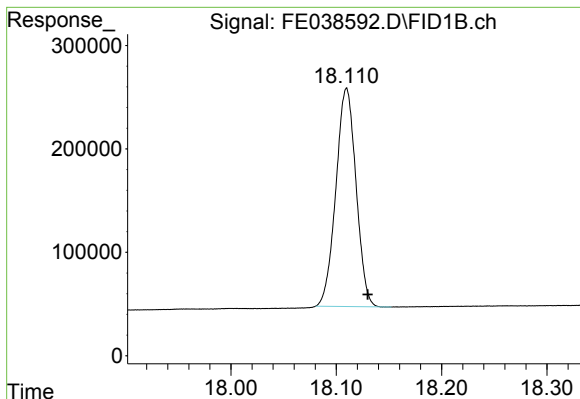
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.024 min
Response: 2614988
Conc: 16.46 ug/ml



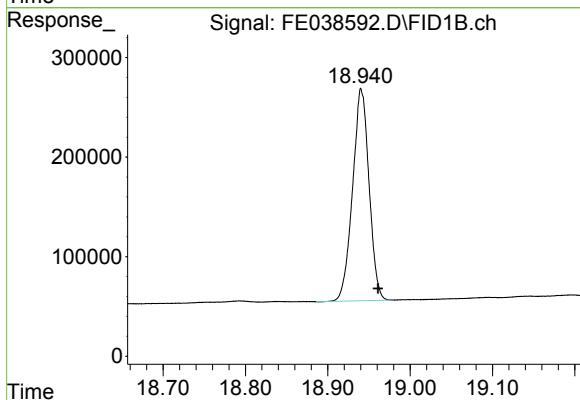
#16 n-Octacosane (C28)

R.T.: 17.222 min
Delta R.T.: -0.024 min
Response: 2636529
Conc: 16.80 ug/ml



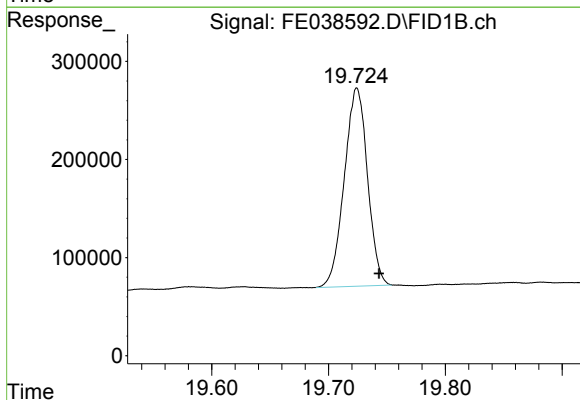
#17 n-Tricontane (C30)

R.T.: 18.110 min
Delta R.T.: -0.020 min
Response: 2805920
Conc: 17.59 ug/ml



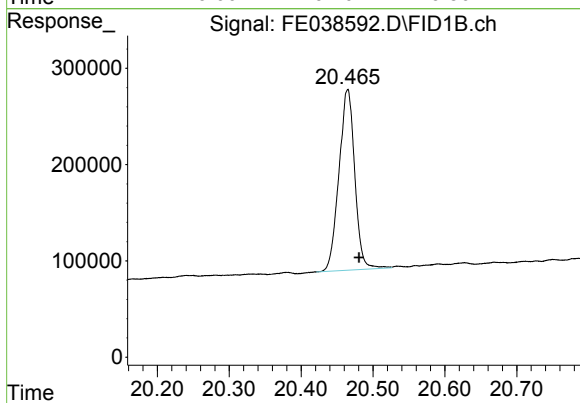
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 2952589
Conc: 18.73 ug/ml



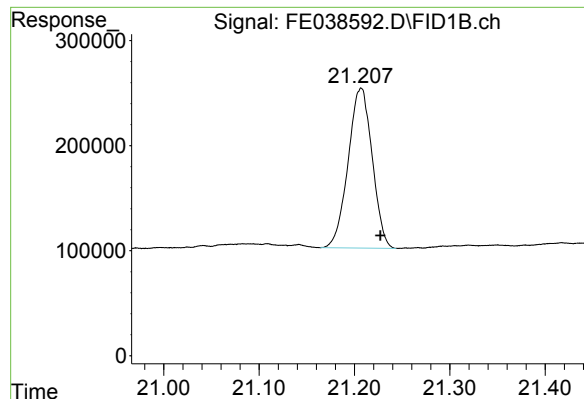
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.020 min
Response: 2790946
Conc: 18.93 ug/ml m



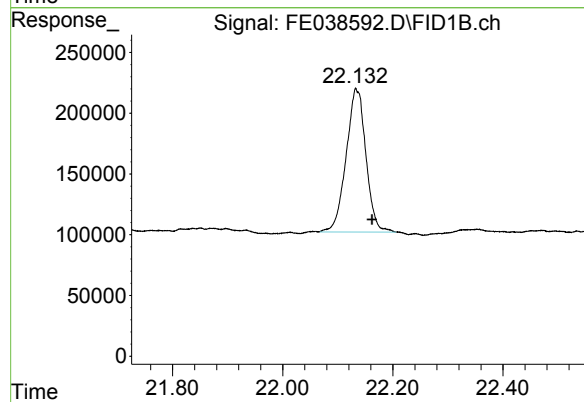
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 2859943
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: -0.020 min
Response: 2666396
Conc: 19.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.132 min
Delta R.T.: -0.030 min
Response: 2933145
Conc: 23.24 ug/ml m