

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110722AL\
 Data File : FE038627.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2022 07:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 09:39:45 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)	11.964	2978240	17.308 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
12) S 1-chlorooctadecane (S...	13.397	2337021	17.071 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T n-Nonane (C9)	3.361	2846475	18.482 ug/ml
2) T n-Decane (C10)	4.610	2903890	18.708 ug/ml
3) T A~Naphthalene (C11.7)	6.312	3088111	18.235 ug/ml
4) T n-Dodecane (C12)	6.771	2903485	18.586 ug/ml
5) T A~2-methylnaphthalene...	7.406	3010797	17.966 ug/ml
6) T n-Tetradecane (C14)	8.596	2871084	18.359 ug/ml
7) T n-Hexadecane (C16)	10.203	2866991	18.147 ug/ml
8) T n-Octadecane (C18)	11.644	2849057	17.787 ug/ml
10) T n-Eicosane (C20)	12.953	2794905	17.346 ug/ml
11) T n-Heneicosane (C21)	13.565	2768952	17.142 ug/ml
13) T n-Docosane (C22)	14.150	2752554	17.050 ug/ml
14) T n-Tetracosane (C24)	15.252	2707014	16.877 ug/ml
15) T n-Hexacosane (C26)	16.272	2668672	16.801 ug/ml
16) T n-Octacosane (C28)	17.220	2707284	17.256 ug/ml
17) T n-Tricontane (C30)	18.107	2940642	18.430 ug/mlm
18) T n-Dotriacontane (C32)	18.941	3065079	19.440 ug/ml
19) T n-Tetratriacontane (C34)	19.721	2946870	19.989 ug/mlm
20) T n-Hexatriacontane (C36)	20.463	2942008	20.590 ug/ml
21) T n-Octatriacontane (C38)	21.206	2950379	21.844 ug/ml
22) T n-Tetracontane (C40)	22.131	2996174	23.736 ug/mlm

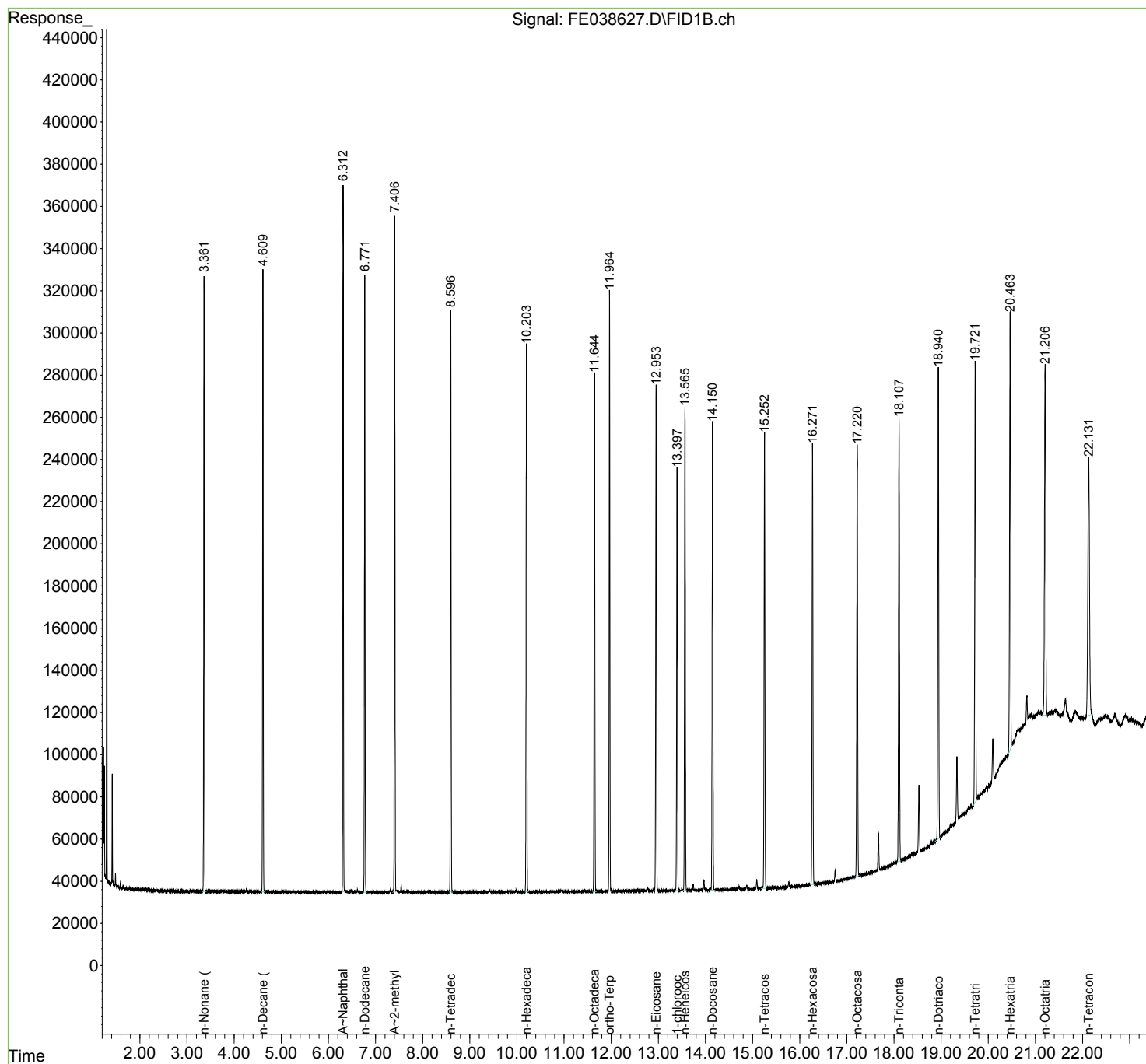
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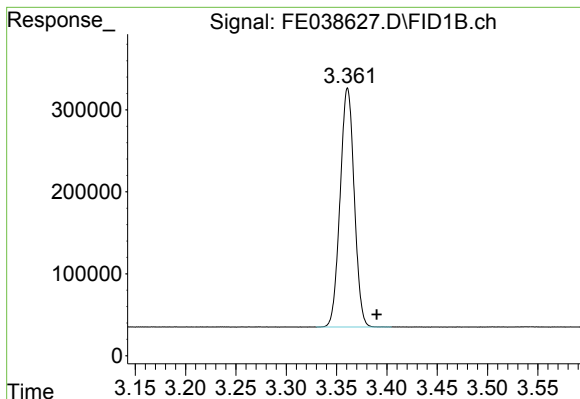
(m)=manual int.

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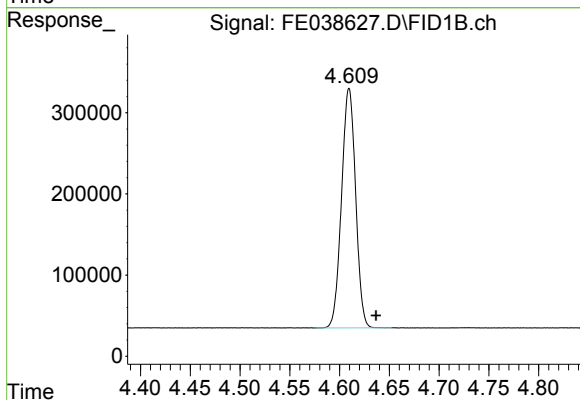
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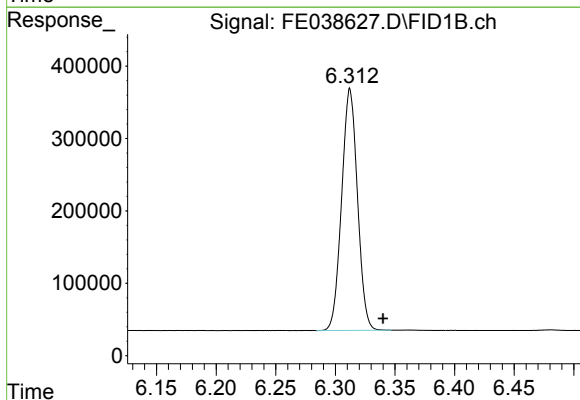
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.029 min
Response: 2846475
Conc: 18.48 ug/ml



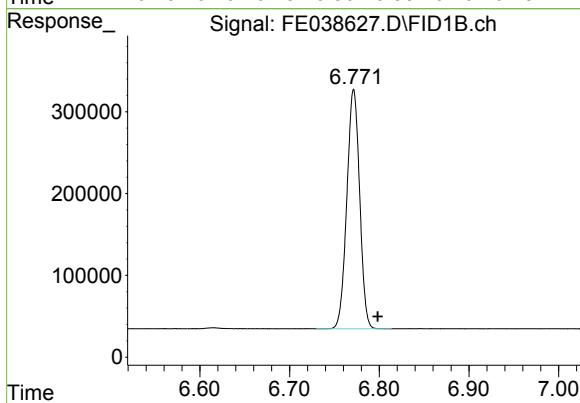
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.027 min
Response: 2903890
Conc: 18.71 ug/ml



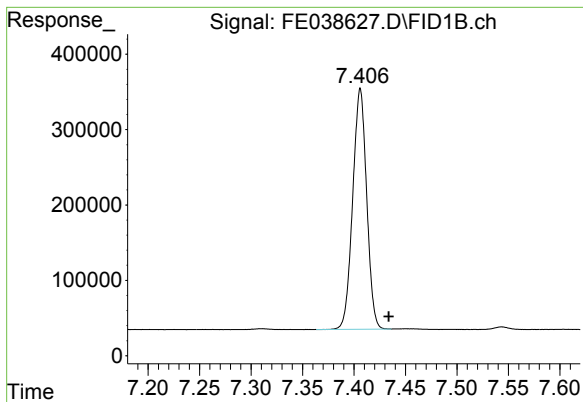
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.028 min
Response: 3088111
Conc: 18.23 ug/ml



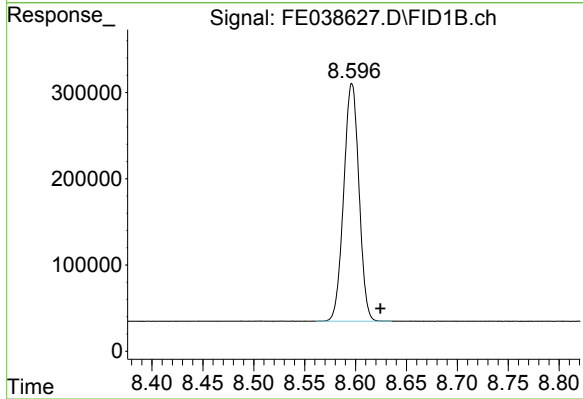
#4 n-Dodecane (C12)

R.T.: 6.771 min
Delta R.T.: -0.027 min
Response: 2903485
Conc: 18.59 ug/ml



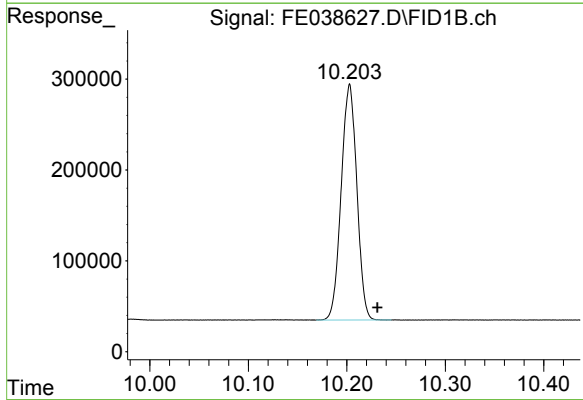
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.027 min
Response: 3010797
Conc: 17.97 ug/ml



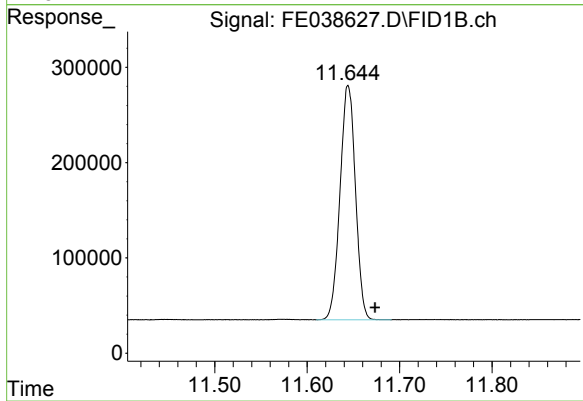
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.028 min
Response: 2871084
Conc: 18.36 ug/ml



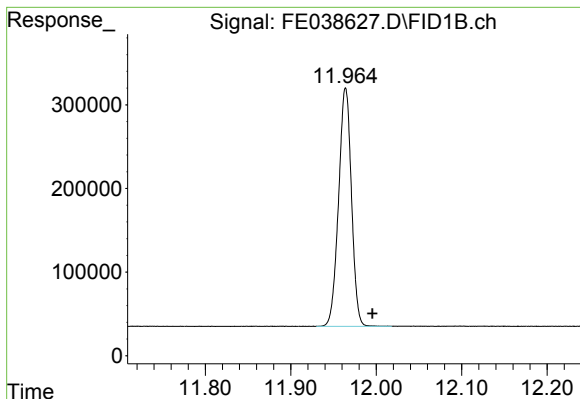
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.028 min
Response: 2866991
Conc: 18.15 ug/ml



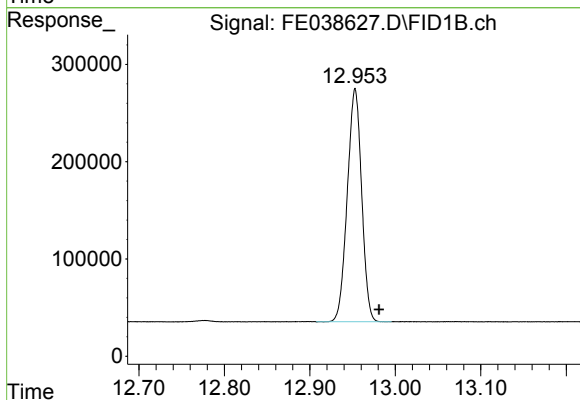
#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.029 min
Response: 2849057
Conc: 17.79 ug/ml



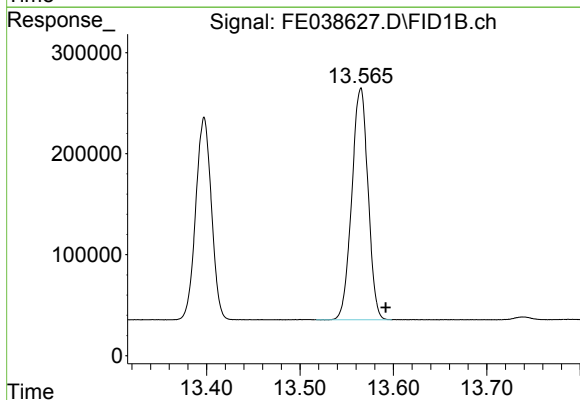
#9 ortho-Terphenyl (SURR)

R.T.: 11.964 min
Delta R.T.: -0.031 min
Response: 2978240
Conc: 17.31 ug/ml



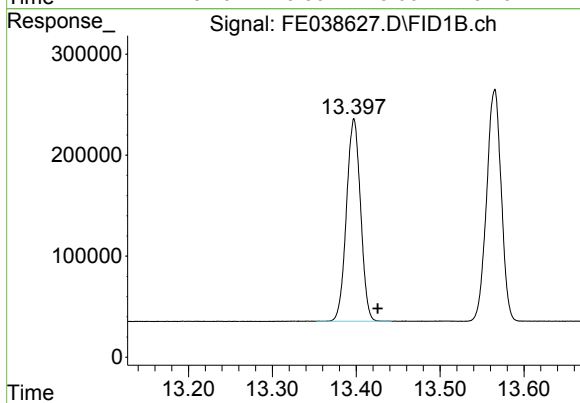
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: -0.028 min
Response: 2794905
Conc: 17.35 ug/ml



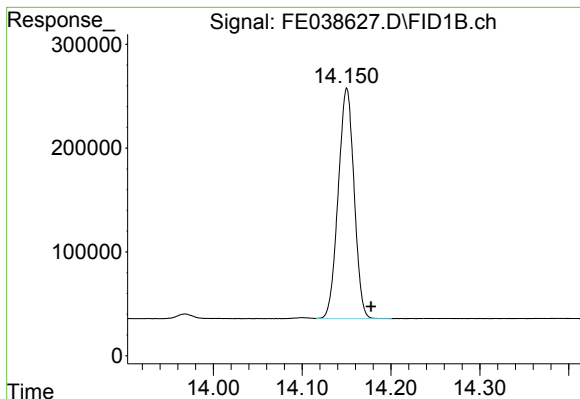
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: -0.027 min
Response: 2768952
Conc: 17.14 ug/ml



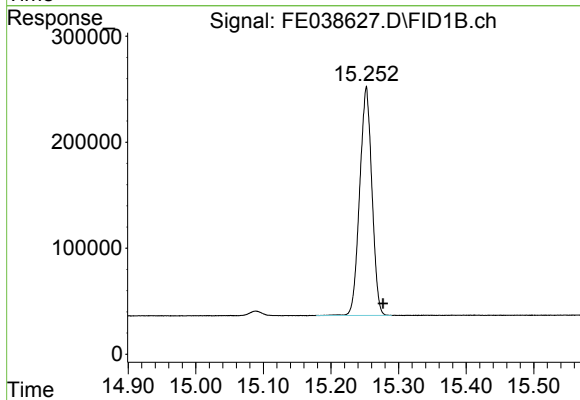
#12 1-chlorooctadecane (SURR)

R.T.: 13.397 min
Delta R.T.: -0.028 min
Response: 2337021
Conc: 17.07 ug/ml



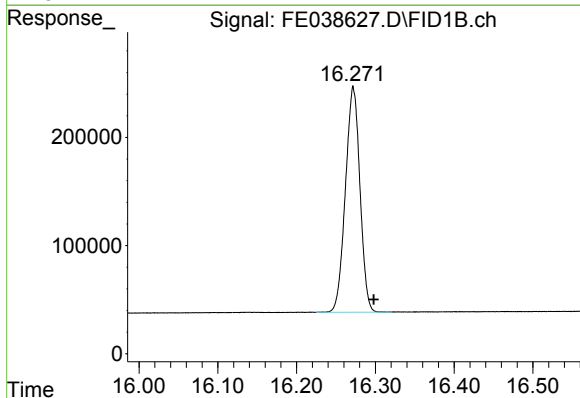
#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.027 min
Response: 2752554
Conc: 17.05 ug/ml



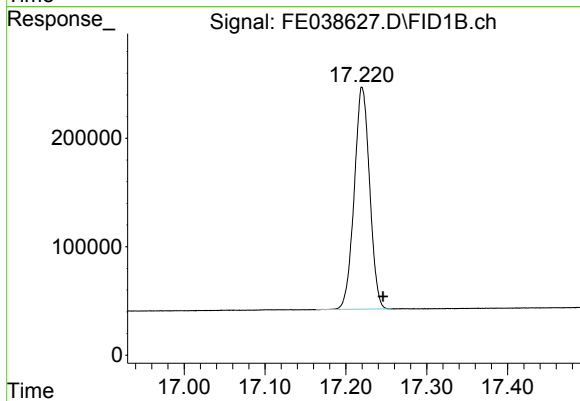
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.025 min
Response: 2707014
Conc: 16.88 ug/ml



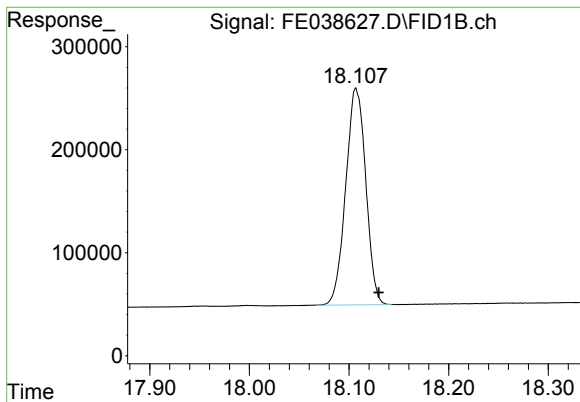
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.026 min
Response: 2668672
Conc: 16.80 ug/ml



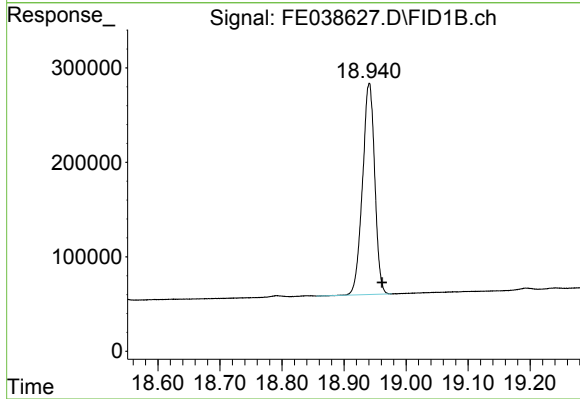
#16 n-Octacosane (C28)

R.T.: 17.220 min
Delta R.T.: -0.026 min
Response: 2707284
Conc: 17.26 ug/ml



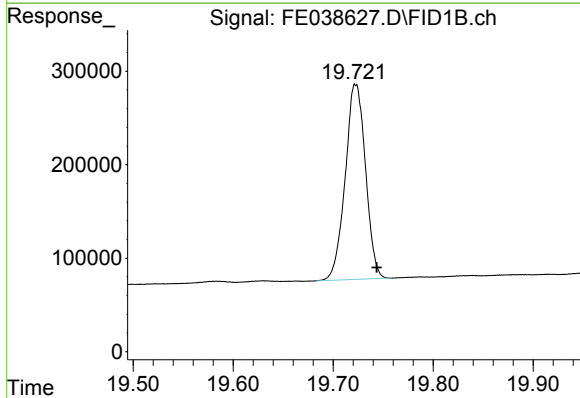
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: -0.023 min
Response: 2940642
Conc: 18.43 ug/ml m



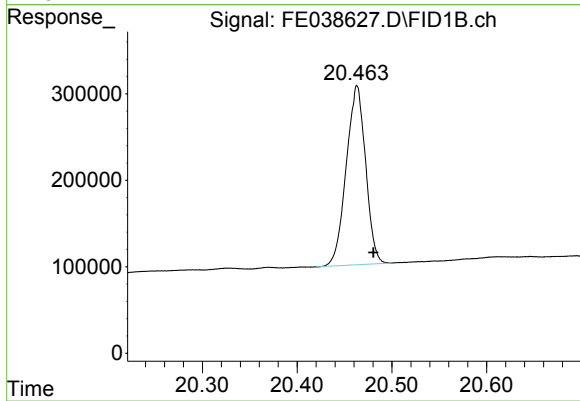
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.021 min
Response: 3065079
Conc: 19.44 ug/ml



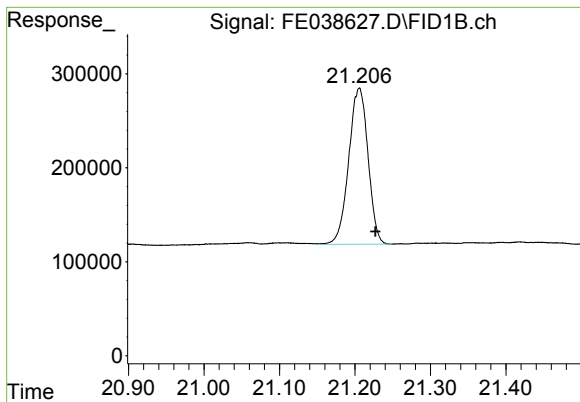
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.022 min
Response: 2946870
Conc: 19.99 ug/ml m



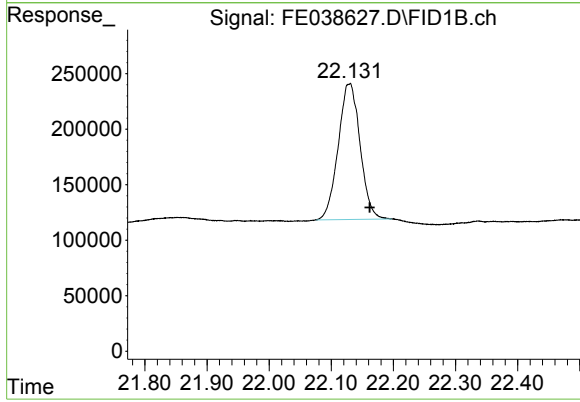
#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: -0.017 min
Response: 2942008
Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.021 min
Response: 2950379
Conc: 21.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.032 min
Response: 2996174
Conc: 23.74 ug/ml m