

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120822AL\
 Data File : FE039208.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2022 20:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 03:11:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.941	3154140	20.162 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
12) S 1-chlorooctadecane (S...	13.376	2429331	20.120 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.336	2625265	18.521 ug/ml
2) T n-Decane (C10)	4.586	2579712	18.509 ug/ml
3) T A~Naphthalene (C11.7)	6.289	2990470	18.802 ug/ml
4) T n-Dodecane (C12)	6.750	2626687	18.634 ug/ml
5) T A~2-methylnaphthalene...	7.383	2834579	18.939 ug/ml
6) T n-Tetradecane (C14)	8.575	2699110	18.898 ug/ml
7) T n-Hexadecane (C16)	10.181	2823426	19.311 ug/ml
8) T n-Octadecane (C18)	11.623	2899480	19.704 ug/ml
10) T n-Eicosane (C20)	12.932	2850260	20.078 ug/ml
11) T n-Heneicosane (C21)	13.543	2855041	20.092 ug/ml
13) T n-Docosane (C22)	14.129	2844008	20.345 ug/ml
14) T n-Tetracosane (C24)	15.231	2866323	20.755 ug/ml
15) T n-Hexacosane (C26)	16.252	2772805	20.644 ug/ml
16) T n-Octacosane (C28)	17.201	2753373	20.733 ug/ml
17) T n-Tricontane (C30)	18.088	2767606	20.957 ug/ml
18) T n-Dotriacontane (C32)	18.921	2766502	20.744 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2649027	20.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.444	2509574	19.534 ug/mlm
21) T n-Octatriacontane (C38)	21.183	2491751	19.016 ug/ml
22) T n-Tetracontane (C40)	22.099	2326088	17.083 ug/ml

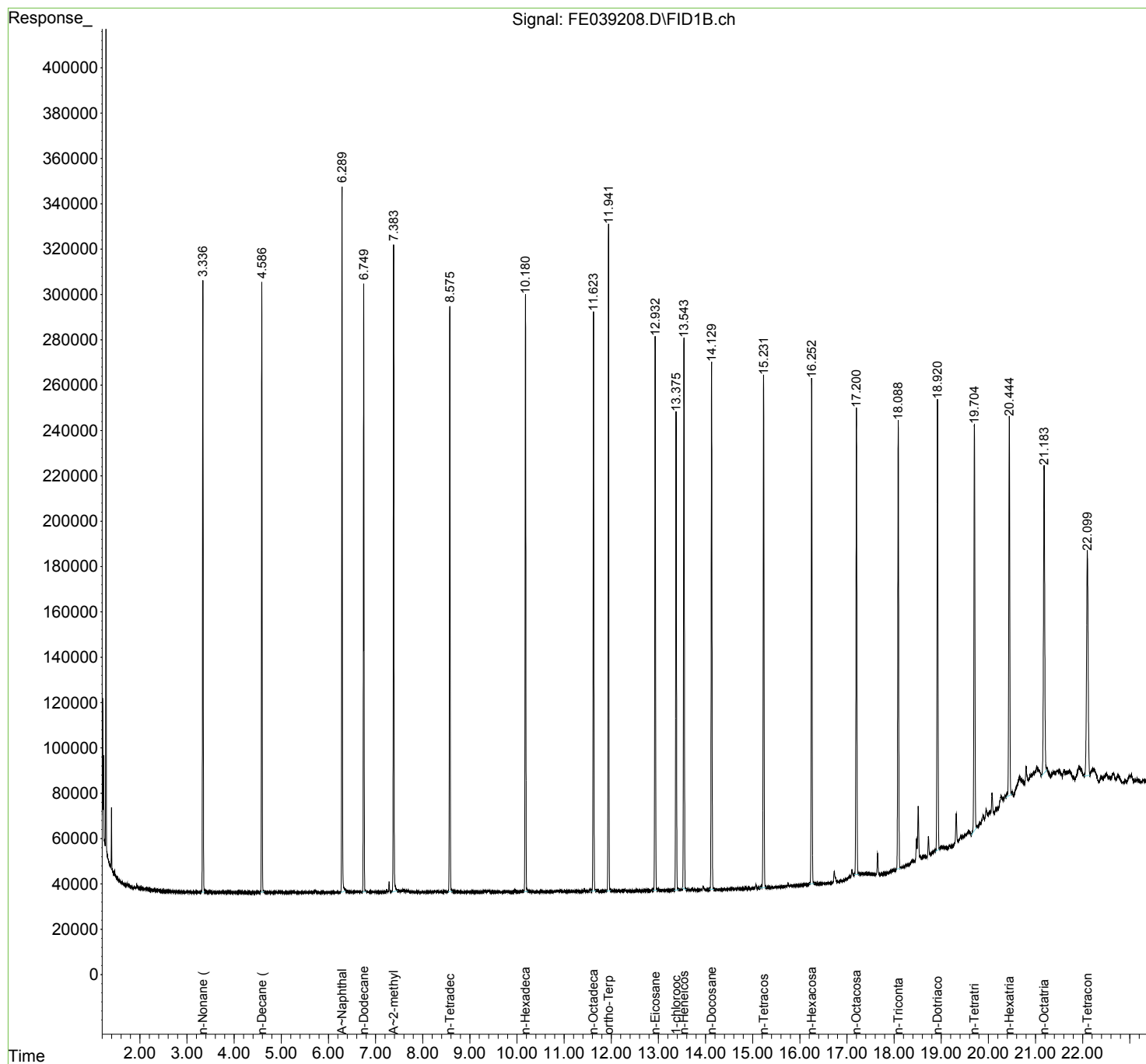
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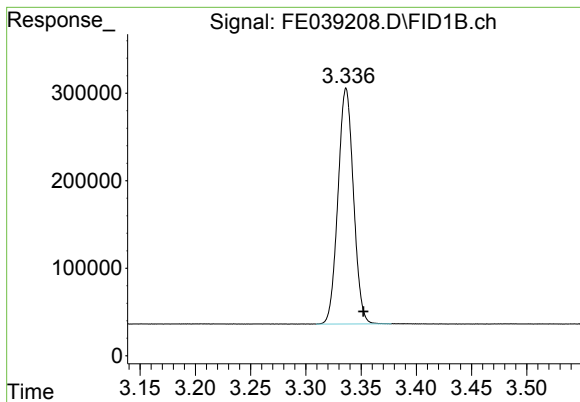
(m)=manual int.

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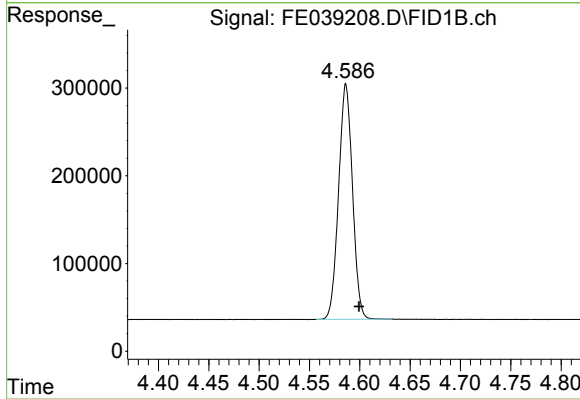
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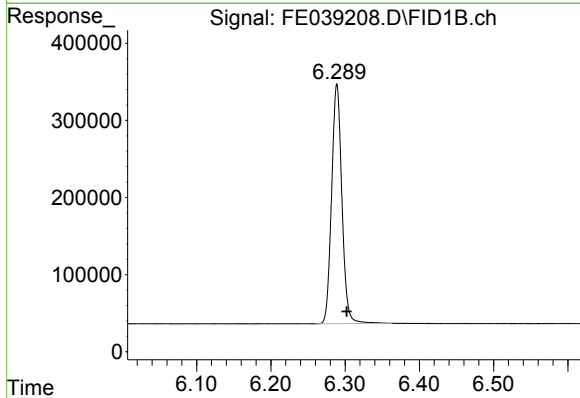
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 2625265
Conc: 18.52 ug/ml



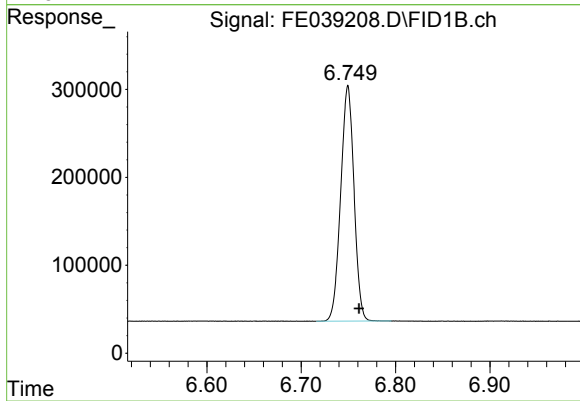
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.013 min
Response: 2579712
Conc: 18.51 ug/ml



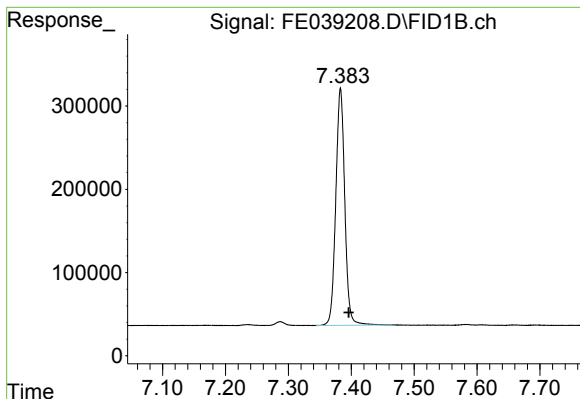
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.013 min
Response: 2990470
Conc: 18.80 ug/ml



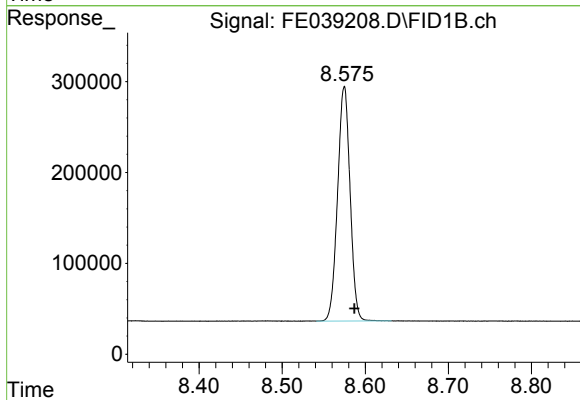
#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.012 min
Response: 2626687
Conc: 18.63 ug/ml



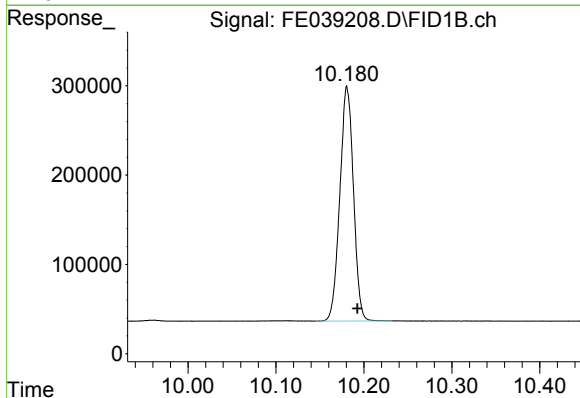
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: -0.013 min
Response: 2834579
Conc: 18.94 ug/ml



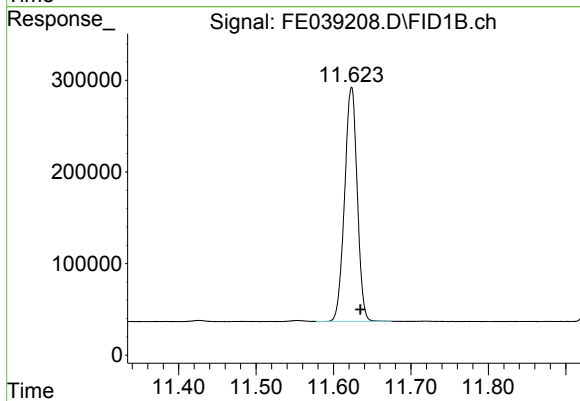
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.012 min
Response: 2699110
Conc: 18.90 ug/ml



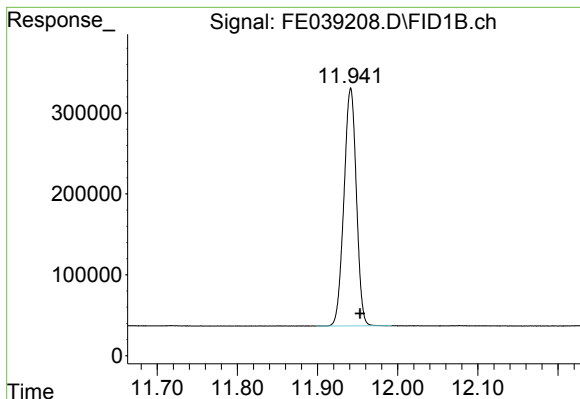
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 2823426
Conc: 19.31 ug/ml



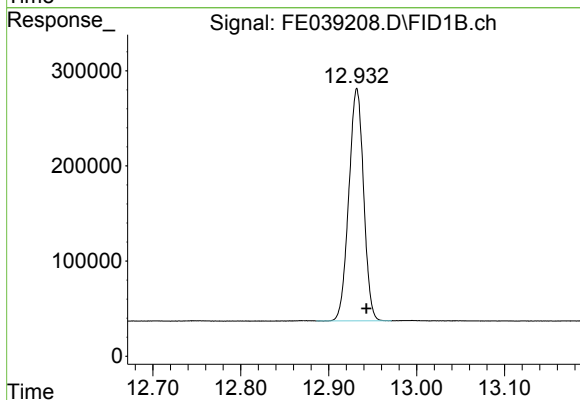
#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: -0.012 min
Response: 2899480
Conc: 19.70 ug/ml



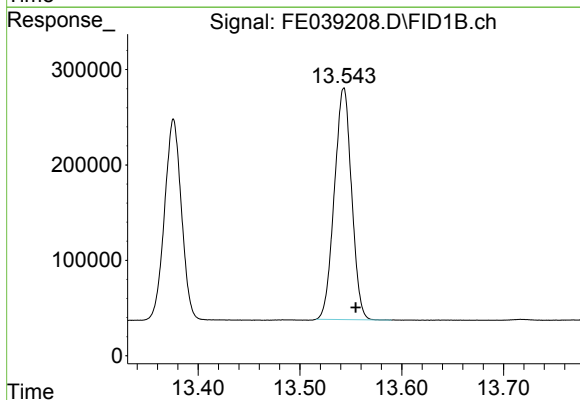
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.012 min
Response: 3154140
Conc: 20.16 ug/ml



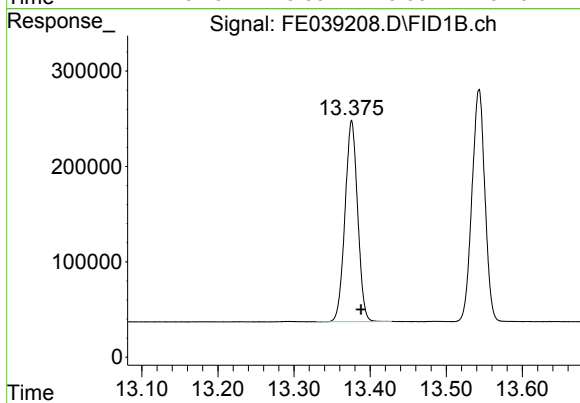
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: -0.011 min
Response: 2850260
Conc: 20.08 ug/ml



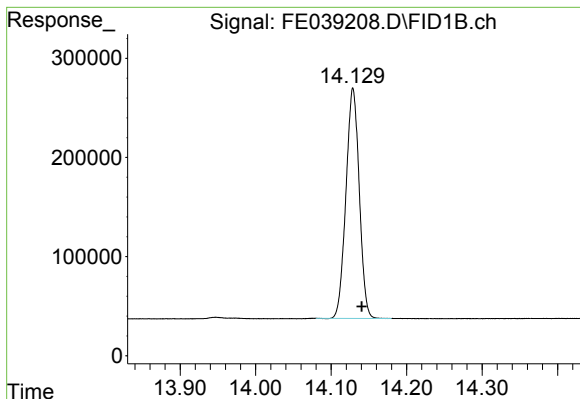
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.012 min
Response: 2855041
Conc: 20.09 ug/ml



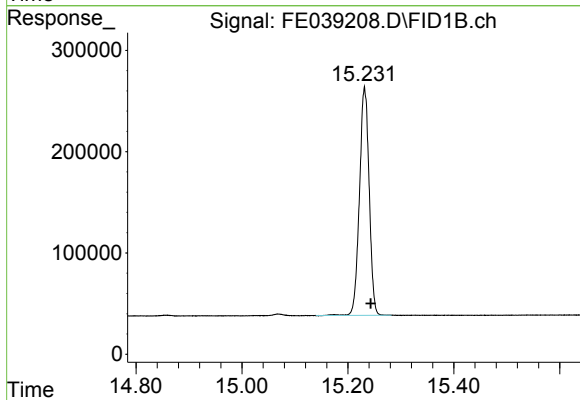
#12 1-chlorooctadecane (SURR)

R.T.: 13.376 min
Delta R.T.: -0.012 min
Response: 2429331
Conc: 20.12 ug/ml



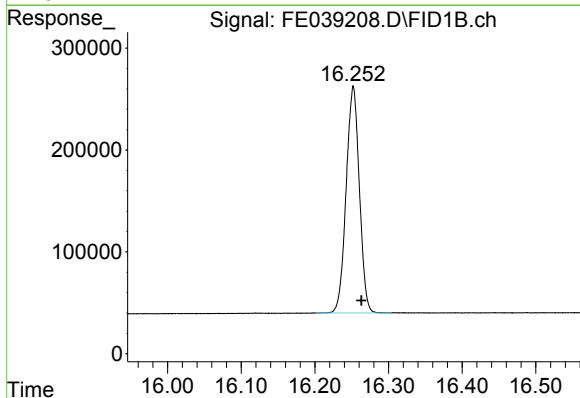
#13 n-Docosane (C22)

R.T.: 14.129 min
Delta R.T.: -0.012 min
Response: 2844008
Conc: 20.35 ug/ml



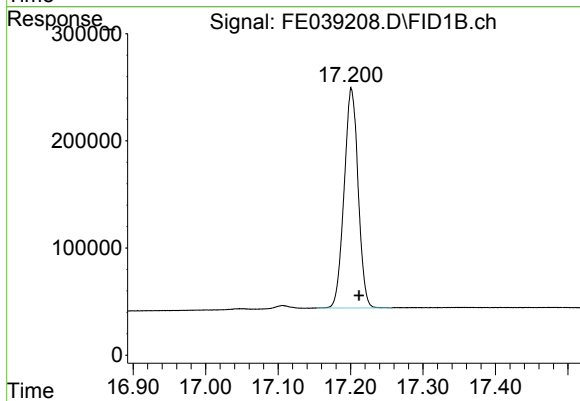
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.012 min
Response: 2866323
Conc: 20.75 ug/ml



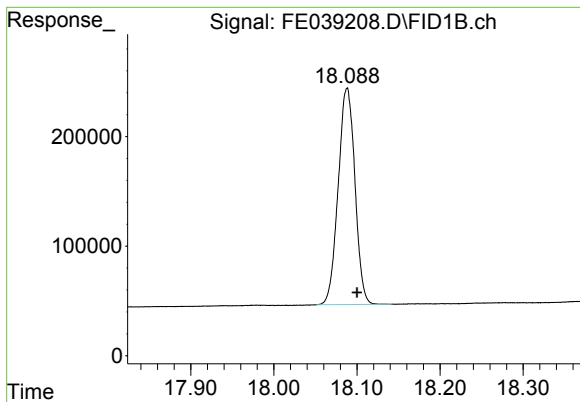
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.011 min
Response: 2772805
Conc: 20.64 ug/ml



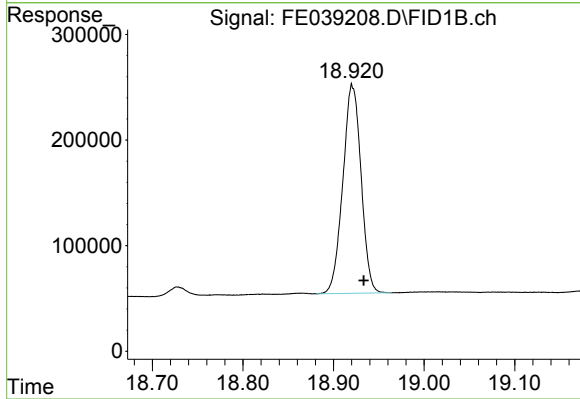
#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.011 min
Response: 2753373
Conc: 20.73 ug/ml



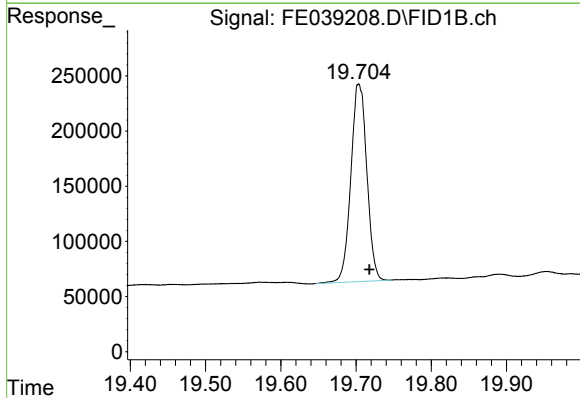
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.012 min
Response: 2767606
Conc: 20.96 ug/ml



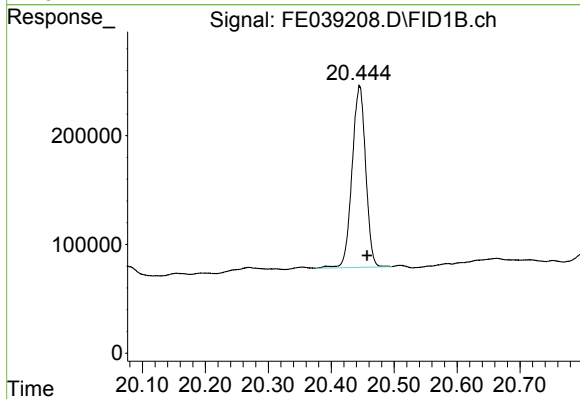
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.013 min
Response: 2766502
Conc: 20.74 ug/ml



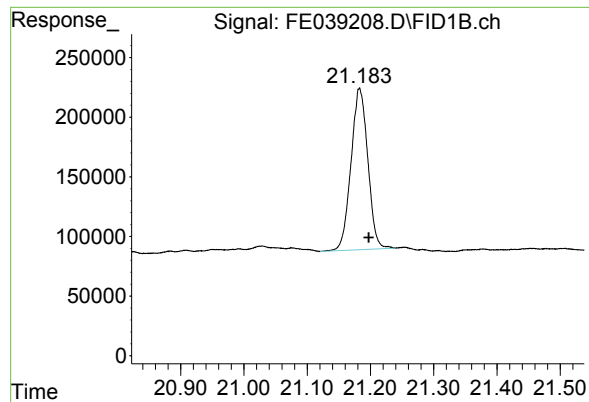
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 2649027
Conc: 20.02 ug/ml m



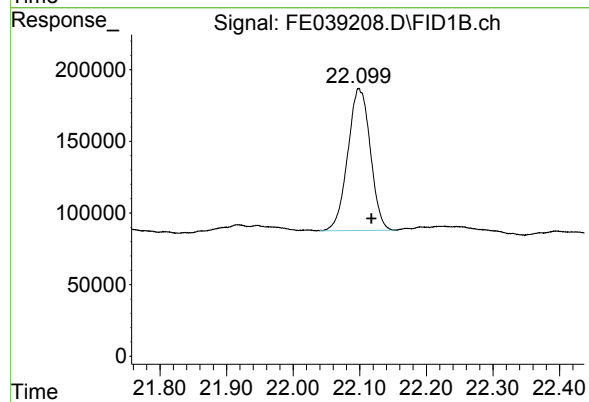
#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.013 min
Response: 2509574
Conc: 19.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.015 min
Response: 2491751
Conc: 19.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.019 min
Response: 2326088
Conc: 17.08 ug/ml