

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120822AL\
 Data File : FE039197.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2022 14:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 09 03:09:17 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)	11.938	3235680	20.683 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	13.374	2435477	20.171 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.326	2794656	19.716 ug/ml
2) T n-Decane (C10)	4.576	2746362	19.704 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3162483	19.883 ug/ml
4) T n-Dodecane (C12)	6.743	2778075	19.708 ug/ml
5) T A~2-methylnaphthalene...	7.377	2964672	19.809 ug/ml
6) T n-Tetradecane (C14)	8.570	2822146	19.760 ug/ml
7) T n-Hexadecane (C16)	10.177	2924386	20.001 ug/ml
8) T n-Octadecane (C18)	11.620	3025413	20.560 ug/ml
10) T n-Eicosane (C20)	12.930	2996101	21.105 ug/ml
11) T n-Heneicosane (C21)	13.541	3012853	21.202 ug/mlm
13) T n-Docosane (C22)	14.128	2980657	21.323 ug/ml
14) T n-Tetracosane (C24)	15.230	2947912	21.346 ug/ml
15) T n-Hexacosane (C26)	16.251	2845082	21.182 ug/ml
16) T n-Octacosane (C28)	17.201	2803340	21.110 ug/ml
17) T n-Tricontane (C30)	18.090	2737241	20.727 ug/ml
18) T n-Dotriacontane (C32)	18.922	2738720	20.535 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2604999	19.687 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2396569	18.655 ug/mlm
21) T n-Octatriacontane (C38)	21.185	2368210	18.073 ug/ml
22) T n-Tetracontane (C40)	22.101	2299418	16.887 ug/ml

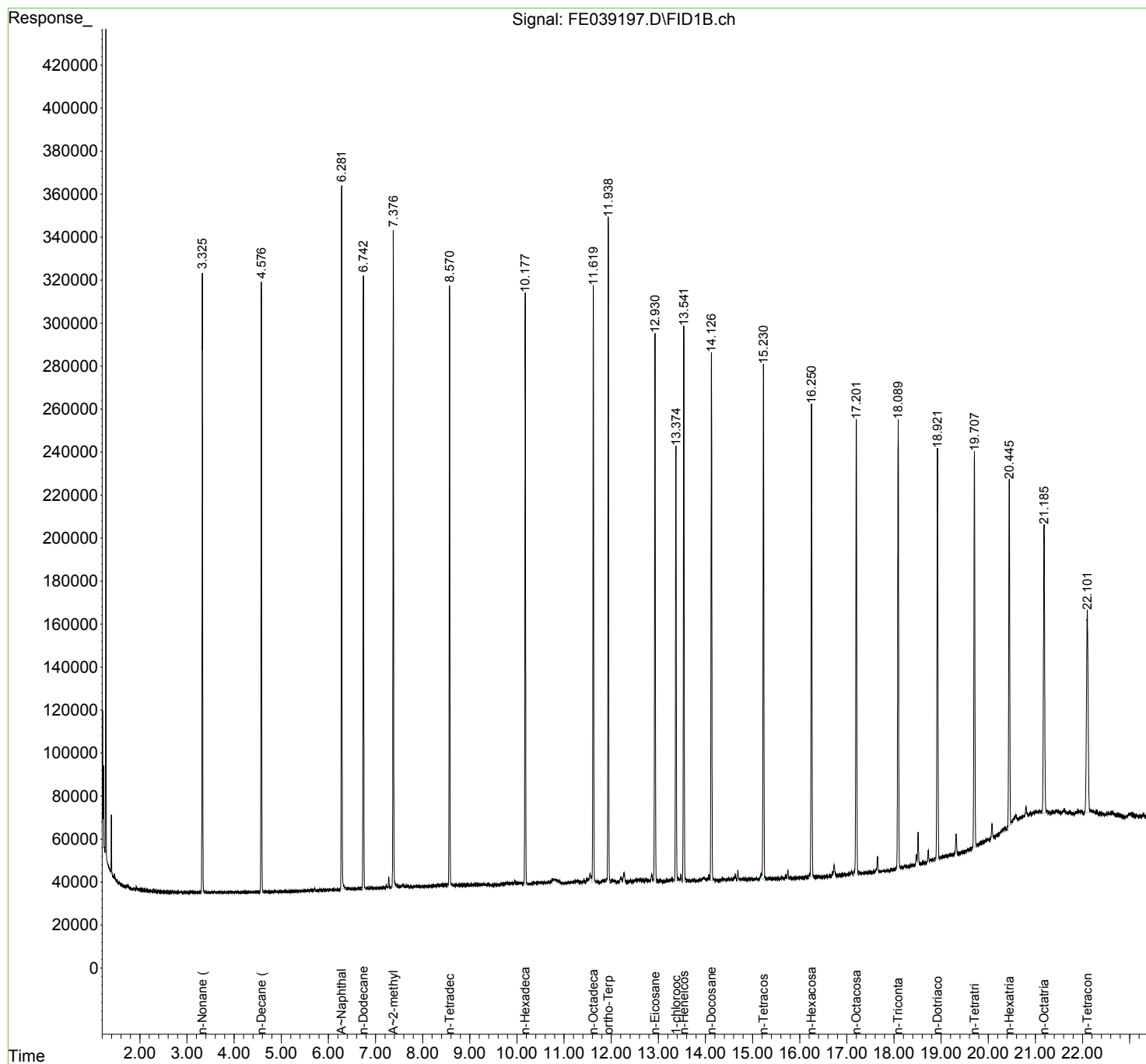
(f)=RT Delta > 1/2 Window

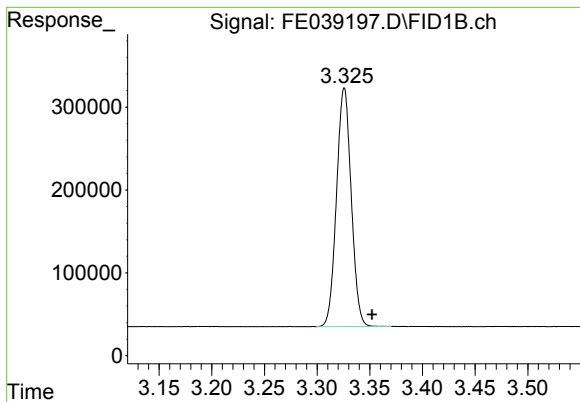
(m)=manual int.

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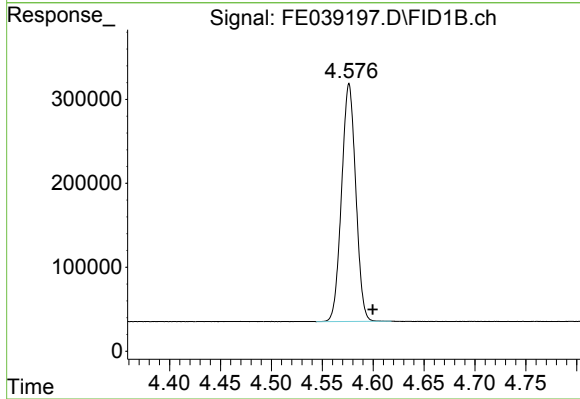
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Signal Info : 20M x 0.18mm x 0.18um





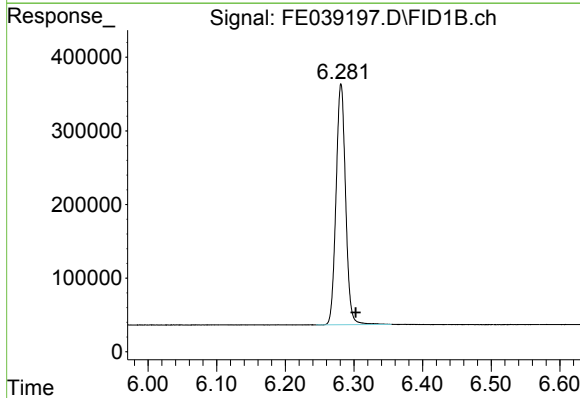
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.026 min
Response: 2794656
Conc: 19.72 ug/ml



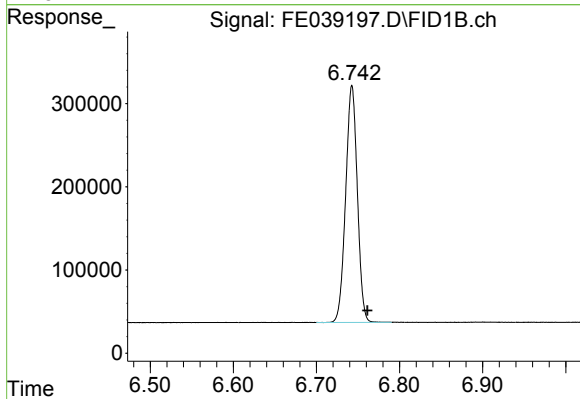
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.023 min
Response: 2746362
Conc: 19.70 ug/ml



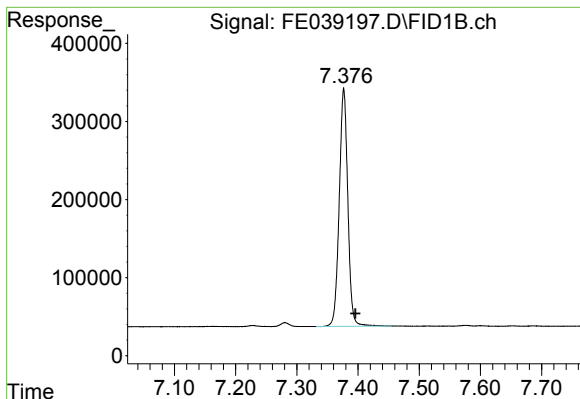
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.021 min
Response: 3162483
Conc: 19.88 ug/ml



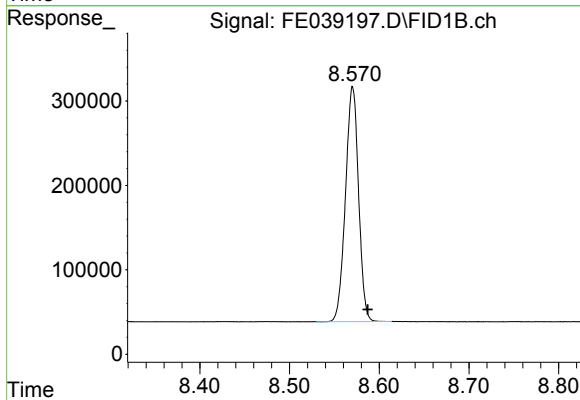
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: -0.019 min
Response: 2778075
Conc: 19.71 ug/ml



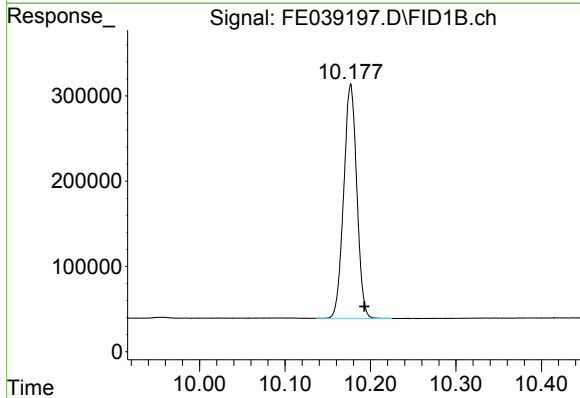
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: -0.019 min
Response: 2964672
Conc: 19.81 ug/ml



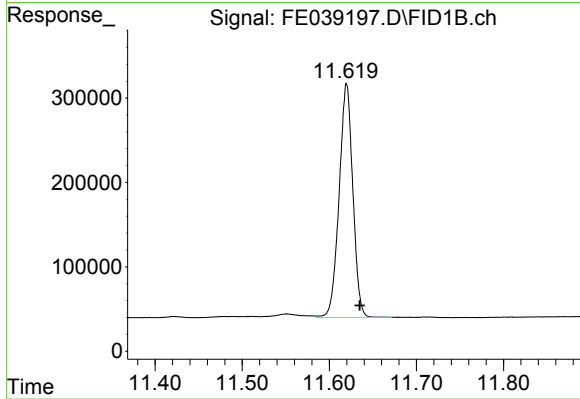
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.017 min
Response: 2822146
Conc: 19.76 ug/ml



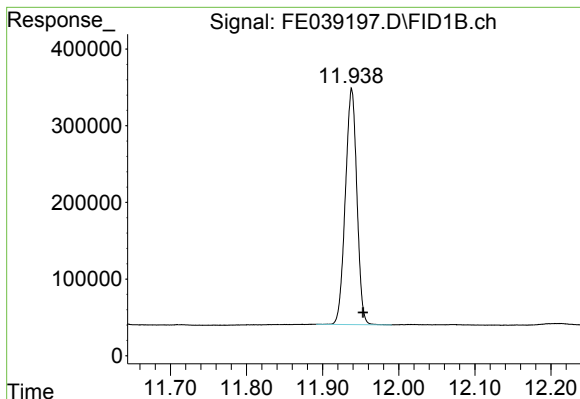
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: -0.016 min
Response: 2924386
Conc: 20.00 ug/ml



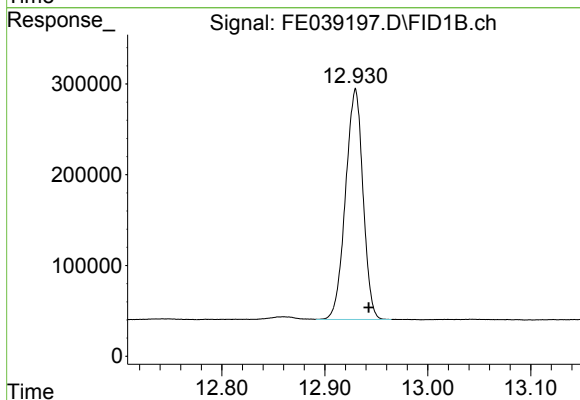
#8 n-Octadecane (C18)

R.T.: 11.620 min
Delta R.T.: -0.015 min
Response: 3025413
Conc: 20.56 ug/ml



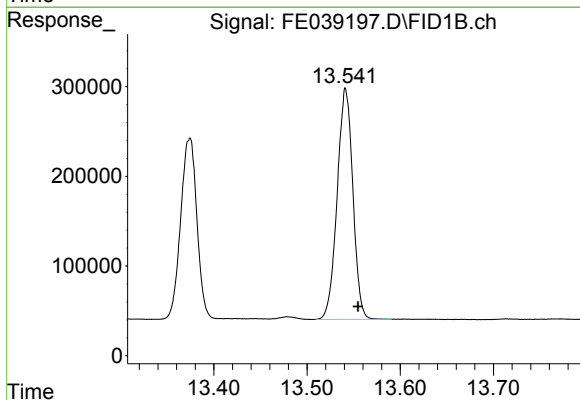
#9 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: -0.015 min
Response: 3235680
Conc: 20.68 ug/ml



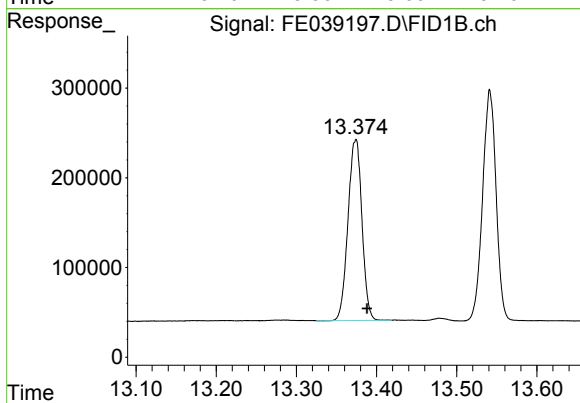
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.013 min
Response: 2996101
Conc: 21.10 ug/ml



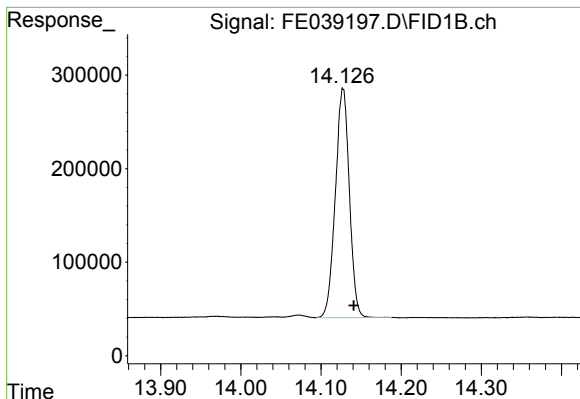
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.014 min
Response: 3012853
Conc: 21.20 ug/ml m



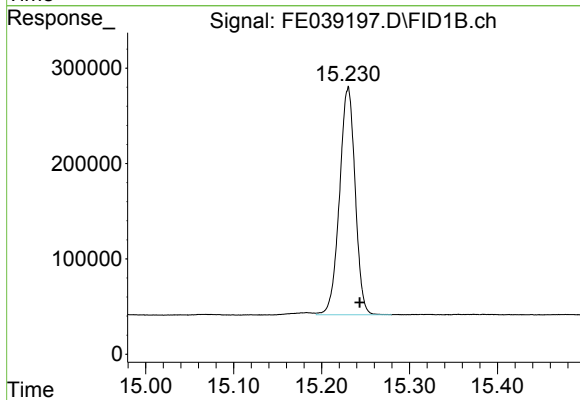
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.014 min
Response: 2435477
Conc: 20.17 ug/ml



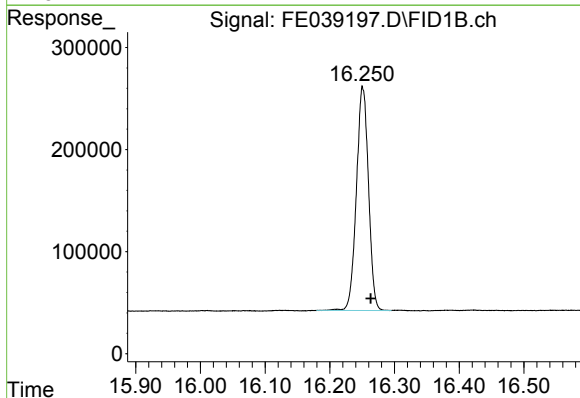
#13 n-Docosane (C22)

R.T.: 14.128 min
Delta R.T.: -0.013 min
Response: 2980657
Conc: 21.32 ug/ml



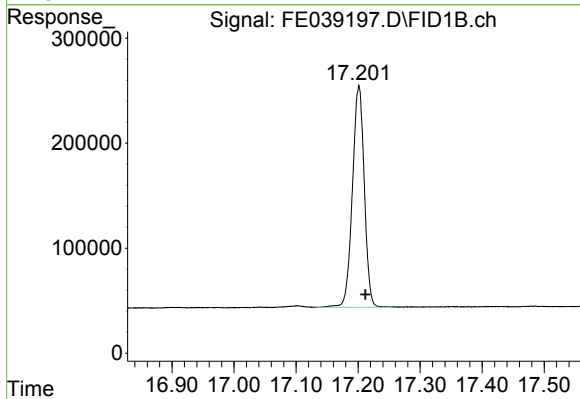
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.013 min
Response: 2947912
Conc: 21.35 ug/ml



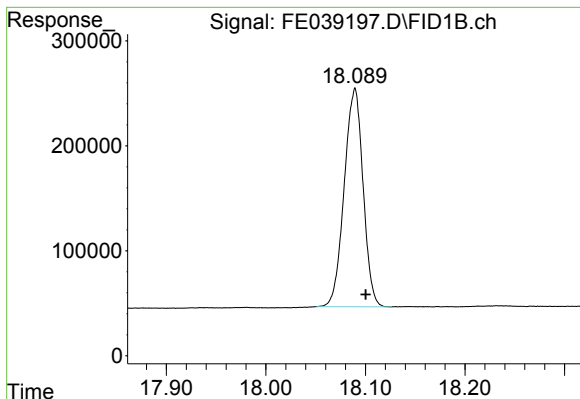
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.012 min
Response: 2845082
Conc: 21.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.011 min
Response: 2803340
Conc: 21.11 ug/ml



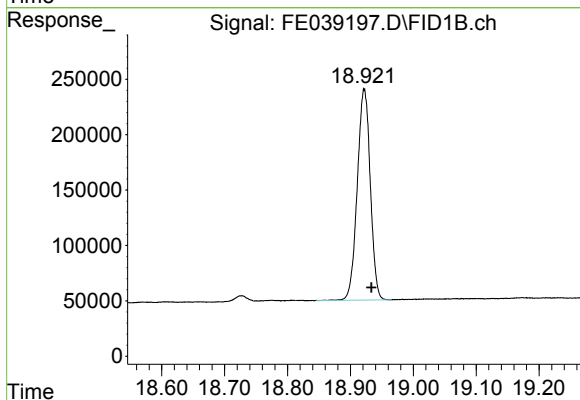
#17 n-Tricontane (C30)

R.T.: 18.090 min

Delta R.T.: -0.011 min

Response: 2737241

Conc: 20.73 ug/ml



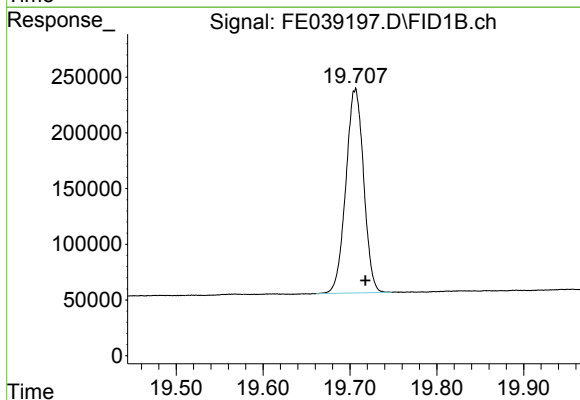
#18 n-Dotriacontane (C32)

R.T.: 18.922 min

Delta R.T.: -0.011 min

Response: 2738720

Conc: 20.54 ug/ml



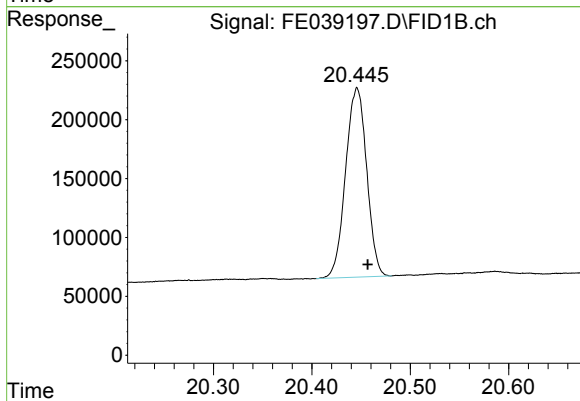
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min

Delta R.T.: -0.011 min

Response: 2604999

Conc: 19.69 ug/ml m



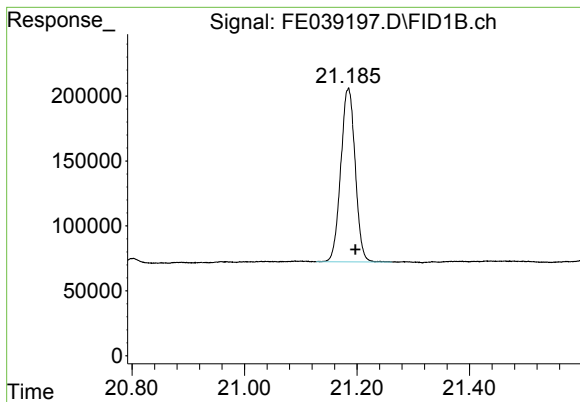
#20 n-Hexatriacontane (C36)

R.T.: 20.445 min

Delta R.T.: -0.011 min

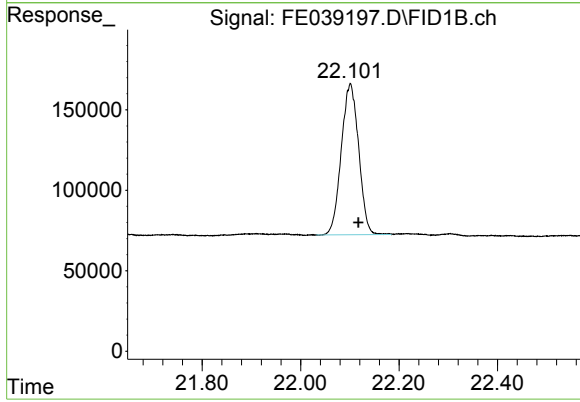
Response: 2396569

Conc: 18.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.013 min
Response: 2368210
Conc: 18.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.016 min
Response: 2299418
Conc: 16.89 ug/ml