

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121622AL\
 Data File : FE039342.D
 Signal(s) : FID1B.ch
 Acq On : 16 Dec 2022 09:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 16 11:50:33 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)	11.944	3223449	20.605 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	13.379	2485910	20.589 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T n-Nonane (C9)	3.333	2773756	19.568 ug/ml
2) T n-Decane (C10)	4.583	2730833	19.593 ug/ml
3) T A~Naphthalene (C11.7)	6.288	3117388	19.600 ug/ml
4) T n-Dodecane (C12)	6.747	2785212	19.759 ug/ml
5) T A~2-methylnaphthalene...	7.382	2936786	19.622 ug/ml
6) T n-Tetradecane (C14)	8.574	2851427	19.965 ug/ml
7) T n-Hexadecane (C16)	10.182	2961615	20.256 ug/ml
8) T n-Octadecane (C18)	11.624	3010296	20.457 ug/ml
10) T n-Eicosane (C20)	12.934	2937067	20.689 ug/ml
11) T n-Heneicosane (C21)	13.546	2932614	20.638 ug/ml
13) T n-Docosane (C22)	14.133	2908704	20.808 ug/ml
14) T n-Tetracosane (C24)	15.236	2879768	20.852 ug/ml
15) T n-Hexacosane (C26)	16.257	2791593	20.784 ug/ml
16) T n-Octacosane (C28)	17.208	2772394	20.877 ug/ml
17) T n-Tricontane (C30)	18.097	2794750	21.163 ug/ml
18) T n-Dotriacontane (C32)	18.930	2847554	21.351 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2756216	20.829 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2592582	20.180 ug/ml
21) T n-Octatriacontane (C38)	21.197	2655690	20.267 ug/ml
22) T n-Tetracontane (C40)	22.116	2631782	19.327 ug/ml

(f)=RT Delta > 1/2 Window

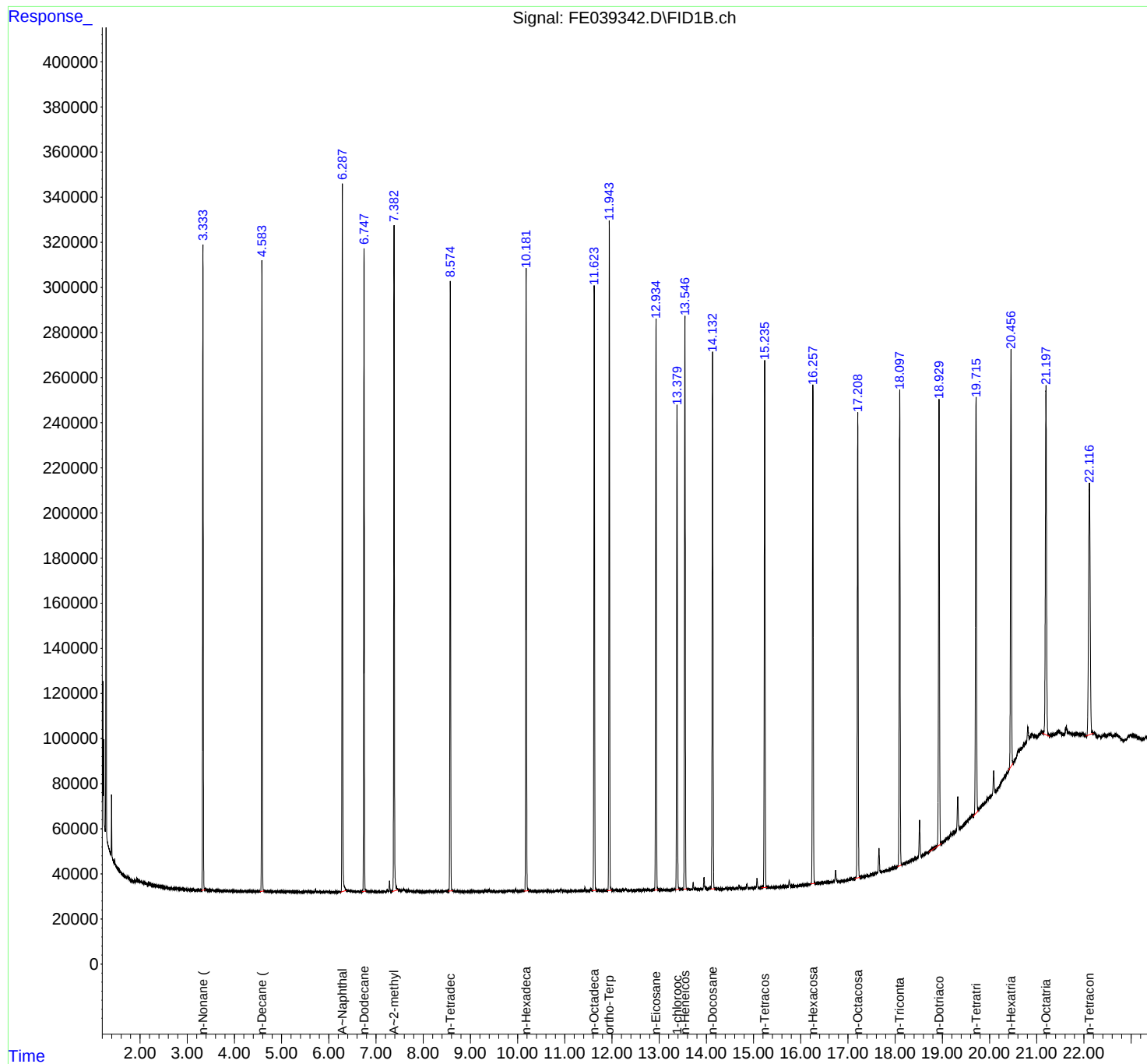
(m)=manual int.

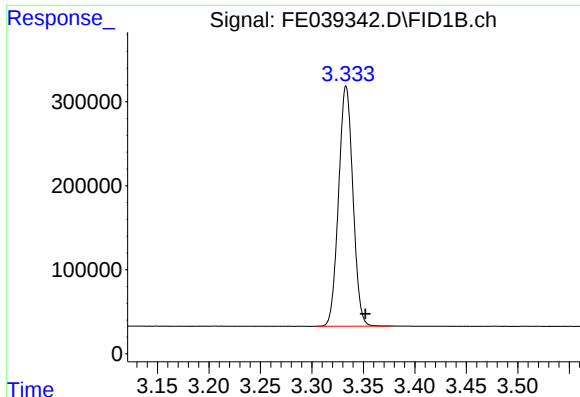
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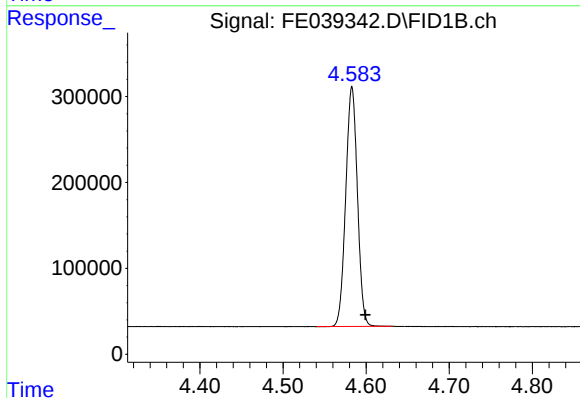




#1 n-Nonane (C9)

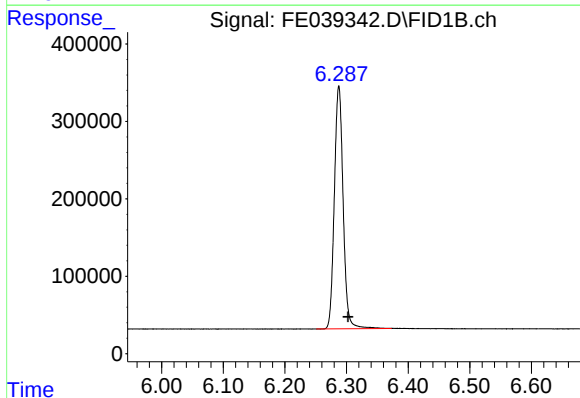
R.T.: 3.333 min
Delta R.T.: -0.019 min
Response: 2773756
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



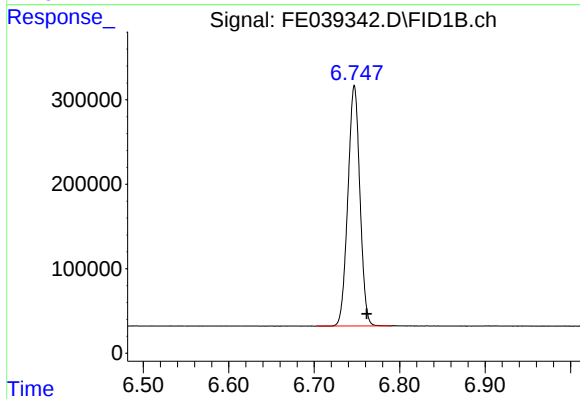
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.016 min
Response: 2730833
Conc: 19.59 ug/ml



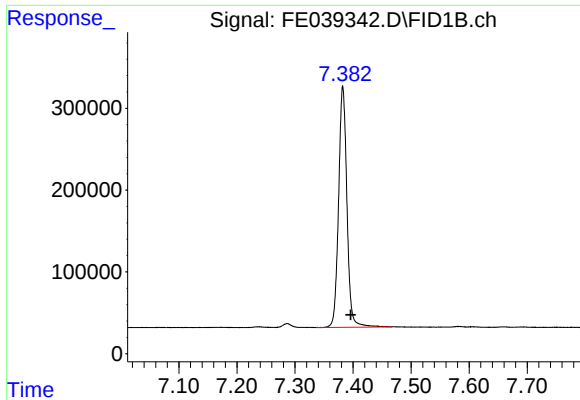
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.015 min
Response: 3117388
Conc: 19.60 ug/ml



#4 n-Dodecane (C12)

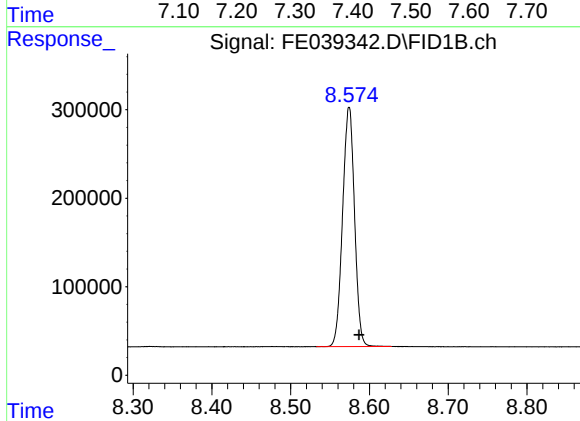
R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 2785212
Conc: 19.76 ug/ml



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

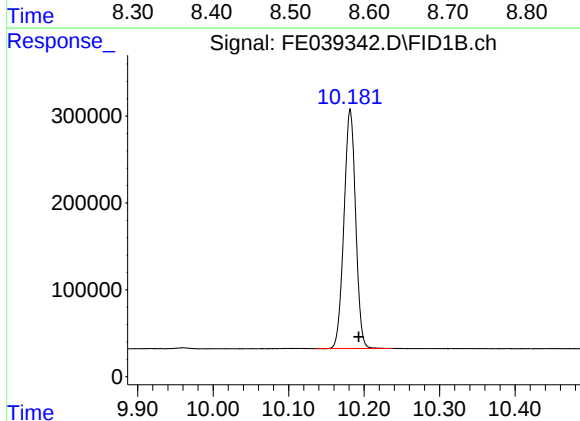
R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 2936786
Conc: 19.62 ug/ml

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20 PPM ALIPHATIC HC STD



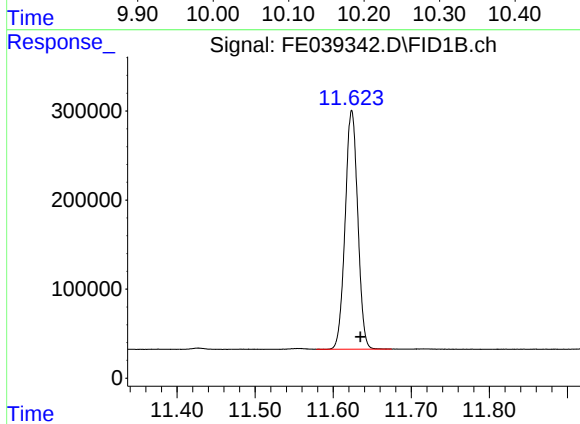
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.013 min
Response: 2851427
Conc: 19.96 ug/ml



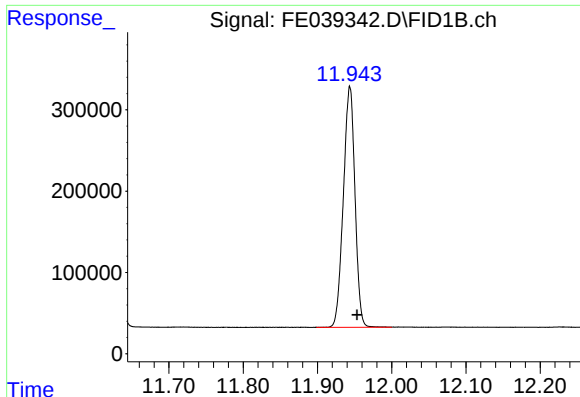
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.011 min
Response: 2961615
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

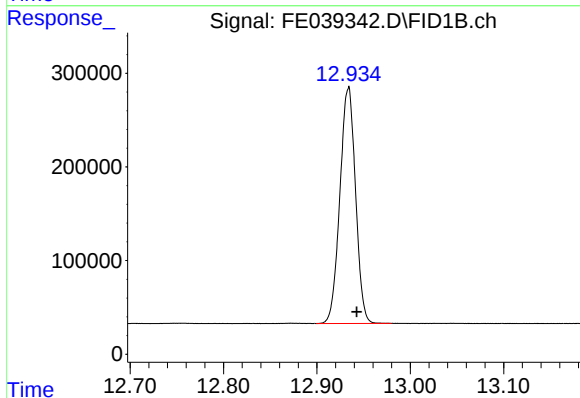
R.T.: 11.624 min
Delta R.T.: -0.011 min
Response: 3010296
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

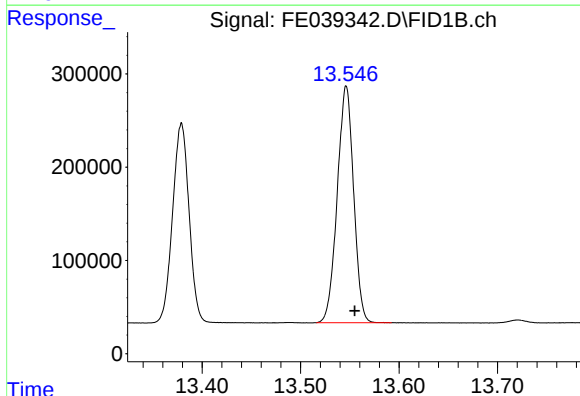
R.T.: 11.944 min
Delta R.T.: -0.009 min
Response: 3223449
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



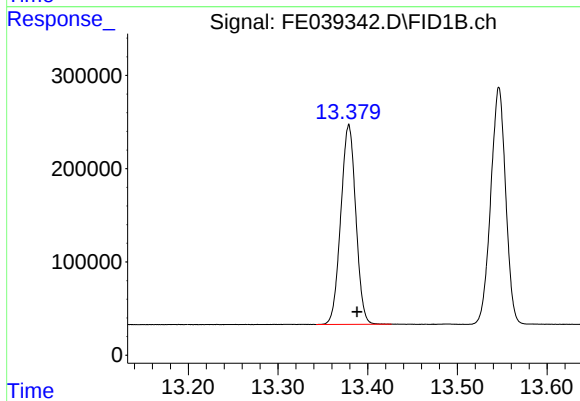
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.009 min
Response: 2937067
Conc: 20.69 ug/ml



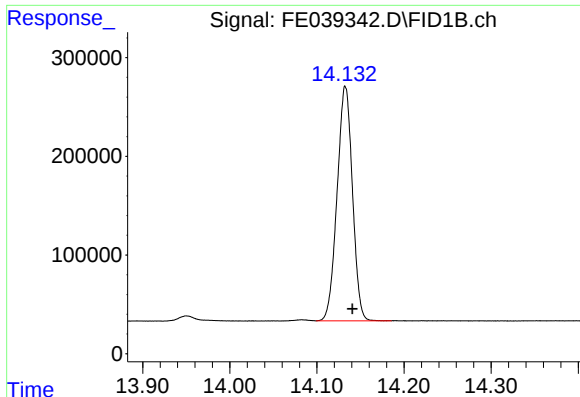
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.009 min
Response: 2932614
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

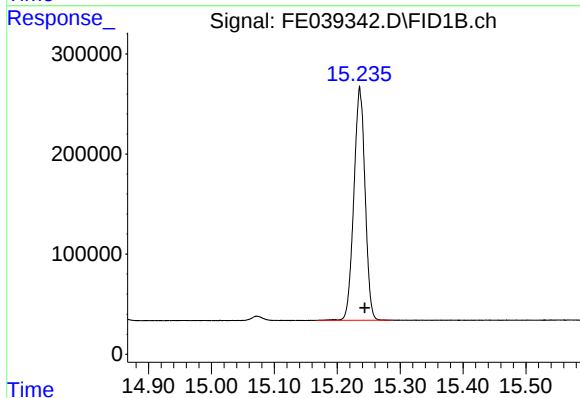
R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 2485910
Conc: 20.59 ug/ml



#13 n-Docosane (C22)

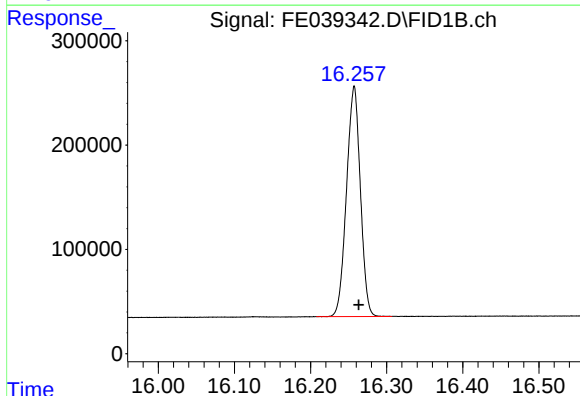
R.T.: 14.133 min
Delta R.T.: -0.008 min
Response: 2908704
Conc: 20.81 ug/ml

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20 PPM ALIPHATIC HC STD



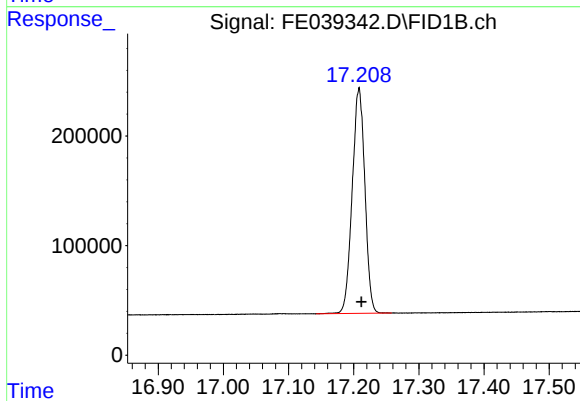
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.008 min
Response: 2879768
Conc: 20.85 ug/ml



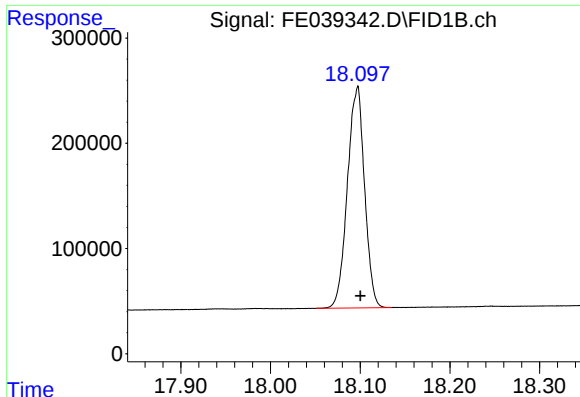
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 2791593
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

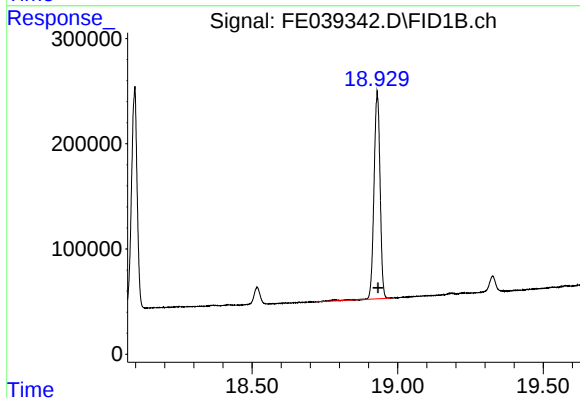
R.T.: 17.208 min
Delta R.T.: -0.004 min
Response: 2772394
Conc: 20.88 ug/ml



#17 n-Tricontane (C30)

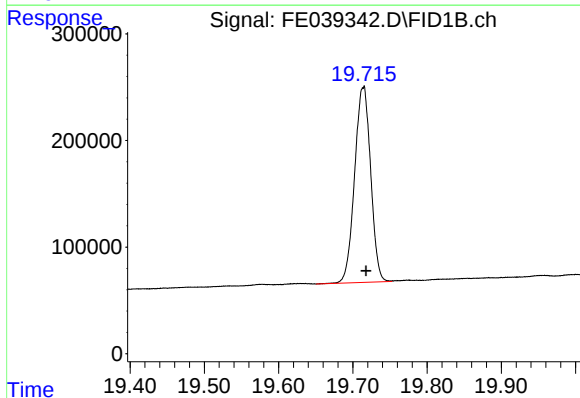
R.T.: 18.097 min
Delta R.T.: -0.003 min
Response: 2794750
Conc: 21.16 ug/ml

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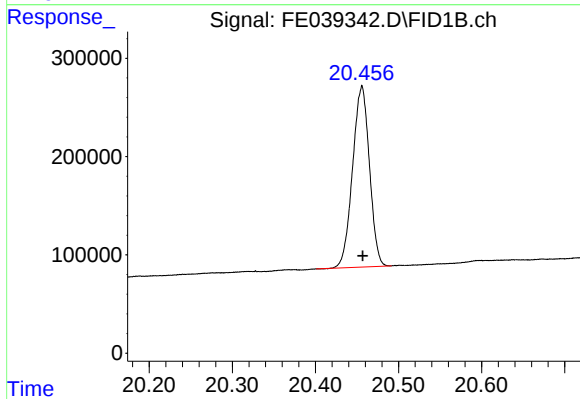
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 2847554
Conc: 21.35 ug/ml



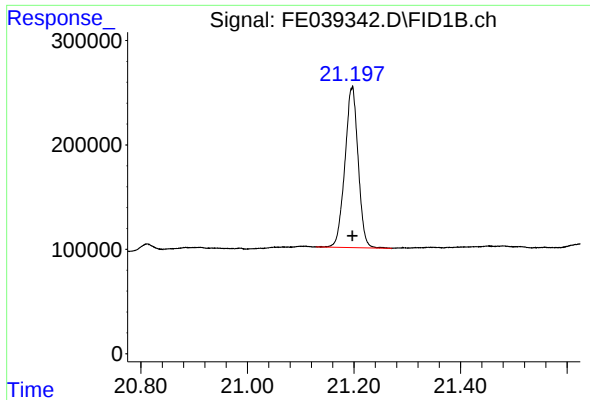
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 2756216
Conc: 20.83 ug/ml



#20 n-Hexatriacontane (C36)

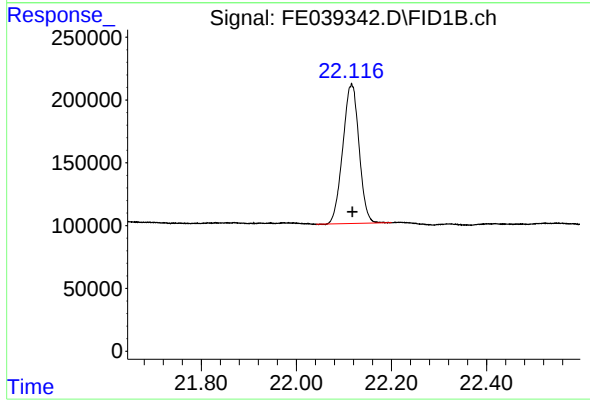
R.T.: 20.456 min
Delta R.T.: 0.000 min
Response: 2592582
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: 0.000 min
Response: 2655690
Conc: 20.27 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.001 min
Response: 2631782
Conc: 19.33 ug/ml