

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081622AL\
 Data File : FE037087.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2022 15:35
 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: Aug 17 06:00:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.817	3586690	19.500 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
12) S 1-chlorooctadecane (S...	13.255	2833113	19.412 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.210	3114636	20.264 ug/ml
2) T n-Decane (C10)	4.463	3125919	20.452 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3380431	20.545 ug/ml
4) T n-Dodecane (C12)	6.632	3203252	20.510 ug/ml
5) T A~2-methylnaphthalene...	7.260	3348131	20.629 ug/ml
6) T n-Tetradecane (C14)	8.458	3219714	20.374 ug/ml
7) T n-Hexadecane (C16)	10.064	3219372	20.242 ug/ml
8) T n-Octadecane (C18)	11.504	3269281	19.913 ug/ml
10) T n-Eicosane (C20)	12.812	3205863	19.527 ug/ml
11) T n-Heneicosane (C21)	13.423	3193588	19.432 ug/ml
13) T n-Docosane (C22)	14.009	3138002	19.286 ug/ml
14) T n-Tetracosane (C24)	15.111	3067239	18.978 ug/ml
15) T n-Hexacosane (C26)	16.130	2950551	18.601 ug/ml
16) T n-Octacosane (C28)	17.079	2853391	18.358 ug/ml
17) T n-Tricontane (C30)	17.966	2700619	18.518 ug/ml
18) T n-Dotriacontane (C32)	18.798	2190656	18.851 ug/ml
19) T n-Tetratriacontane (C34)	19.581	1564801	18.989 ug/ml
20) T n-Hexatriacontane (C36)	20.321	1272632	21.066 ug/ml
21) T n-Octatriacontane (C38)	21.040	1052392	20.635 ug/ml
22) T n-Tetracontane (C40)	21.913	876983	18.220 ug/ml

(f)=RT Delta > 1/2 Window

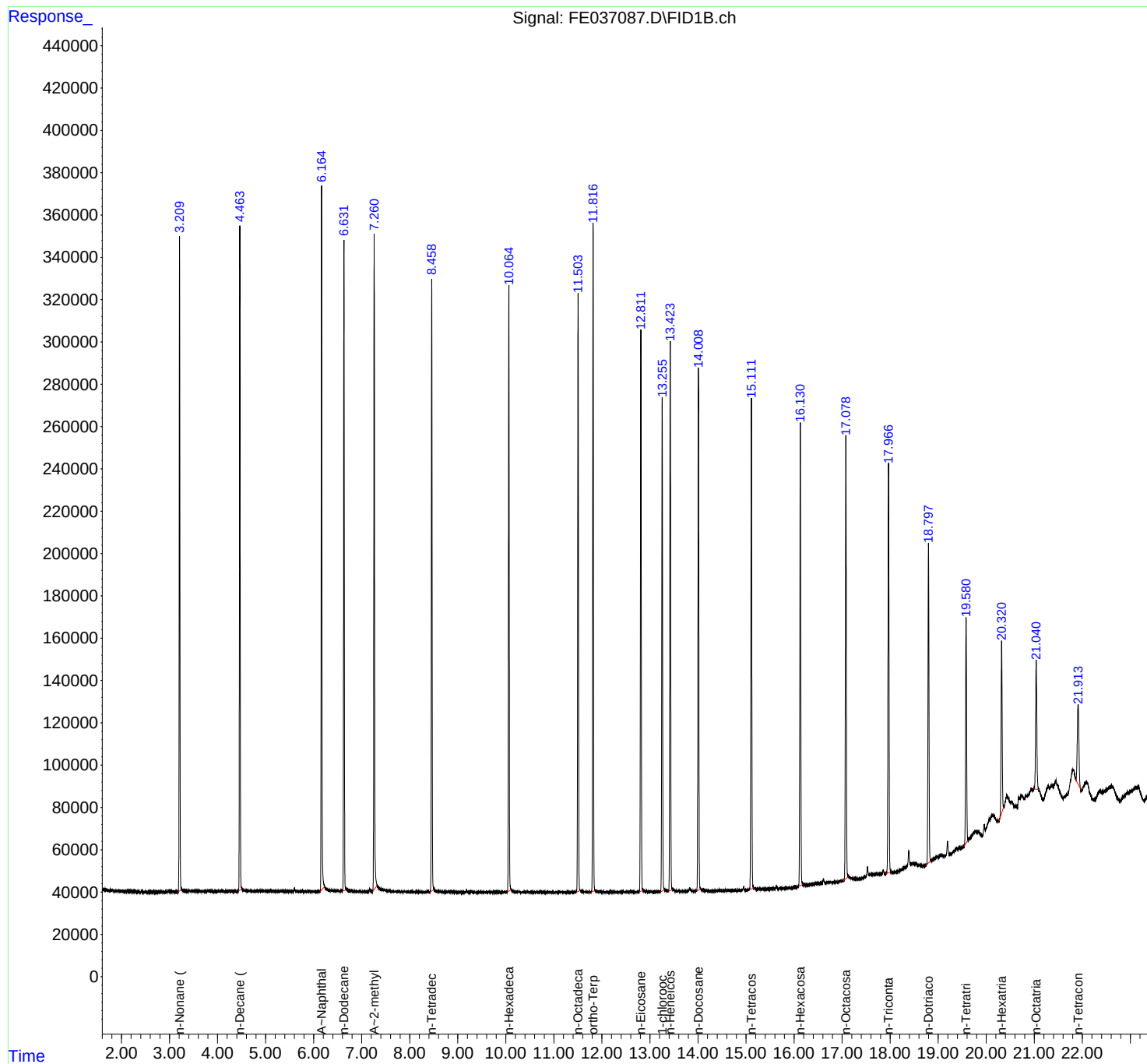
(m)=manual int.

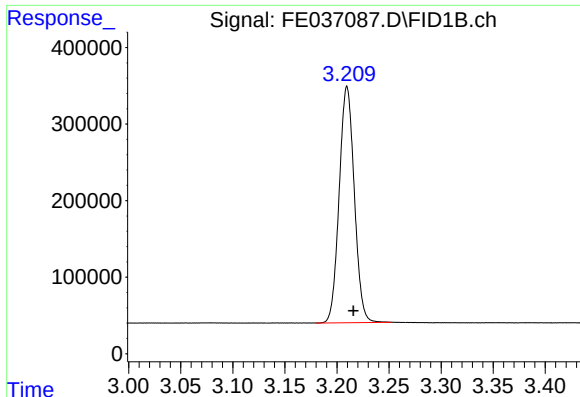
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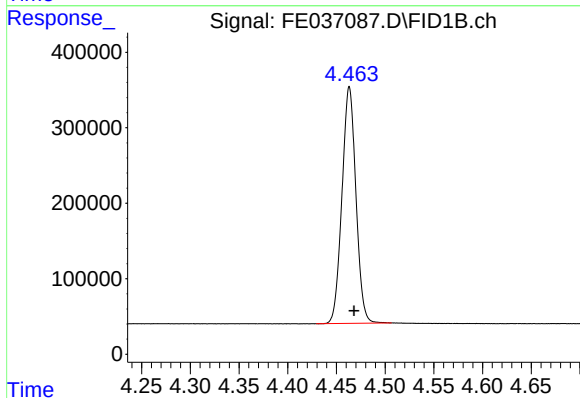




#1 n-Nonane (C9)

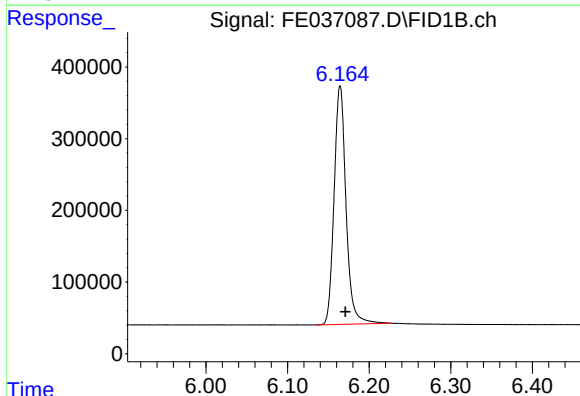
R.T.: 3.210 min
Delta R.T.: -0.006 min
Response: 3114636
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



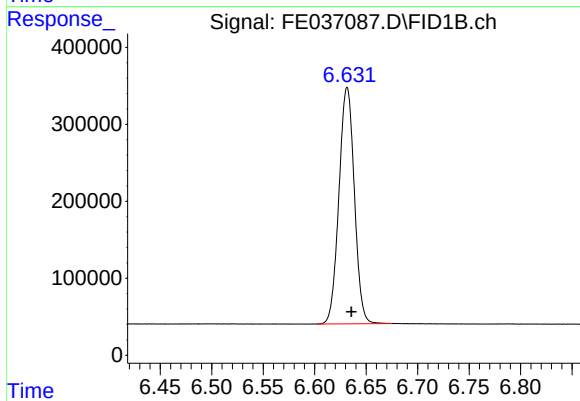
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 3125919
Conc: 20.45 ug/ml



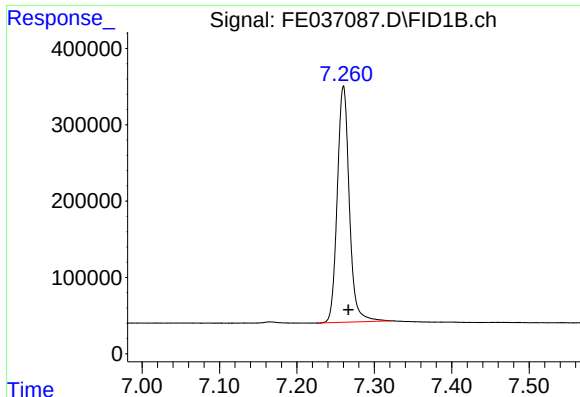
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.007 min
Response: 3380431
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

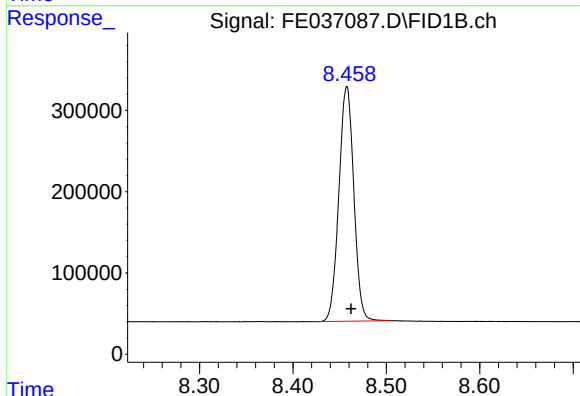
R.T.: 6.632 min
Delta R.T.: -0.004 min
Response: 3203252
Conc: 20.51 ug/ml



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

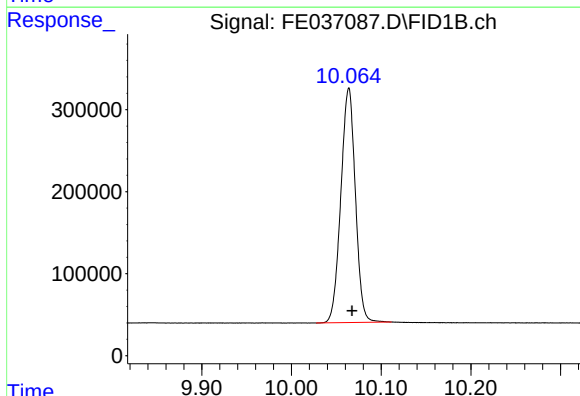
R.T.: 7.260 min
Delta R.T.: -0.006 min
Response: 3348131
Conc: 20.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



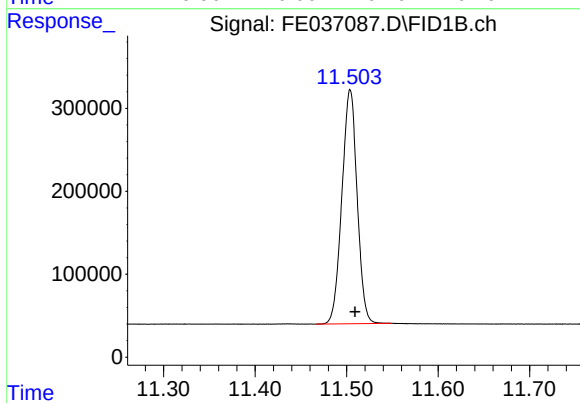
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 3219714
Conc: 20.37 ug/ml



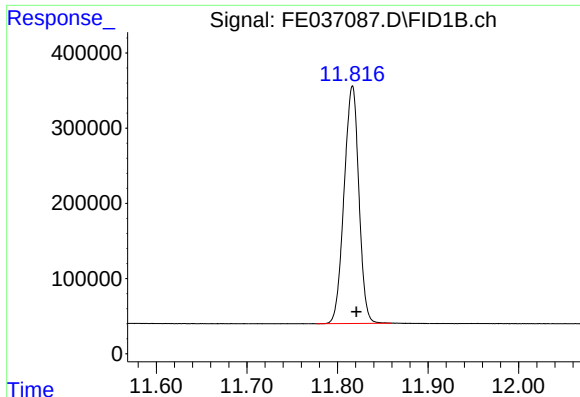
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.003 min
Response: 3219372
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

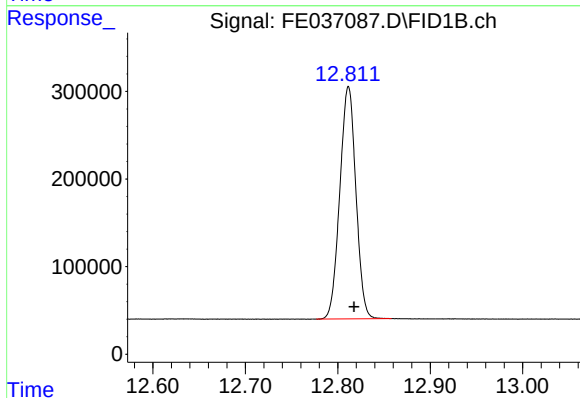
R.T.: 11.504 min
Delta R.T.: -0.005 min
Response: 3269281
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

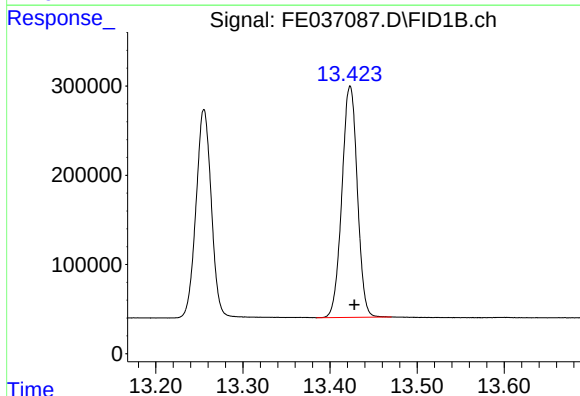
R.T.: 11.817 min
Delta R.T.: -0.004 min
Response: 3586690
Conc: 19.50 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



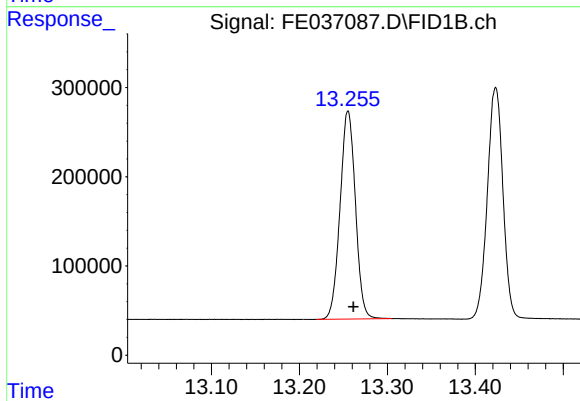
#10 n-Eicosane (C20)

R.T.: 12.812 min
Delta R.T.: -0.006 min
Response: 3205863
Conc: 19.53 ug/ml



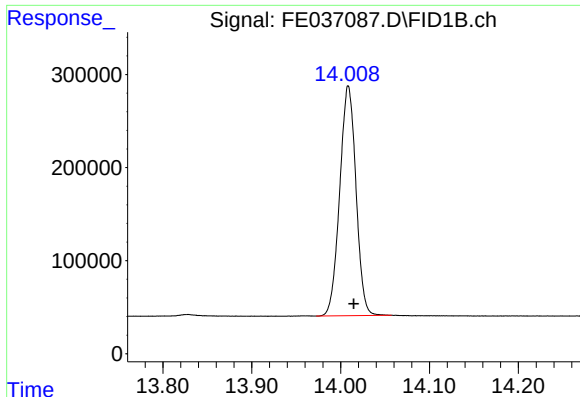
#11 n-Heneicosane (C21)

R.T.: 13.423 min
Delta R.T.: -0.005 min
Response: 3193588
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

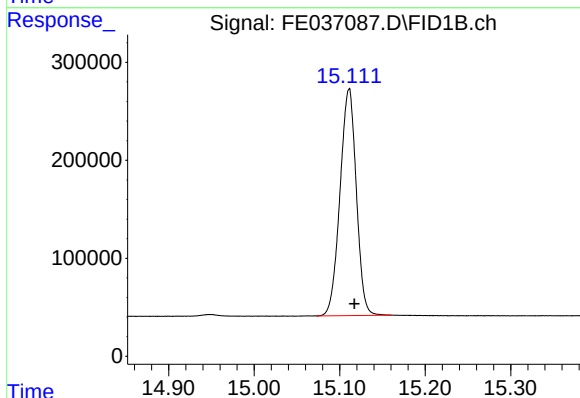
R.T.: 13.255 min
Delta R.T.: -0.006 min
Response: 2833113
Conc: 19.41 ug/ml



#13 n-Docosane (C22)

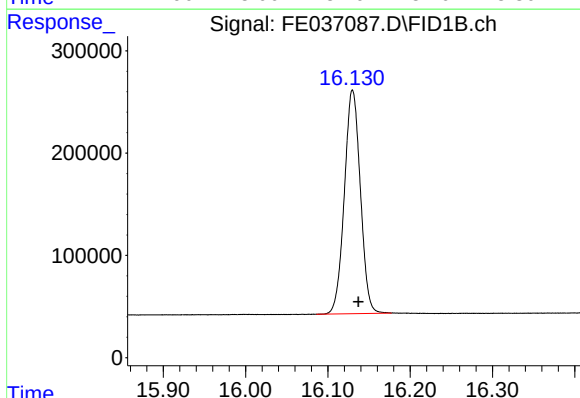
R.T.: 14.009 min
Delta R.T.: -0.006 min
Response: 3138002
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



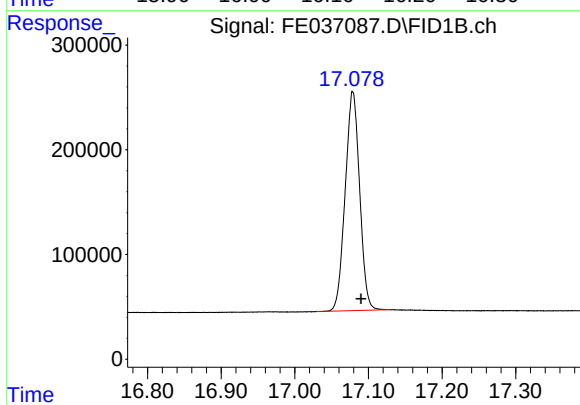
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.006 min
Response: 3067239
Conc: 18.98 ug/ml



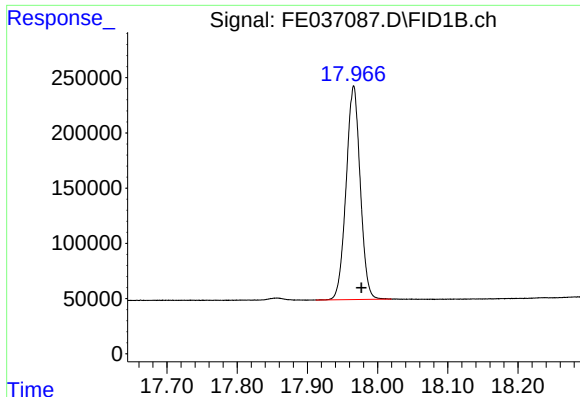
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.007 min
Response: 2950551
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

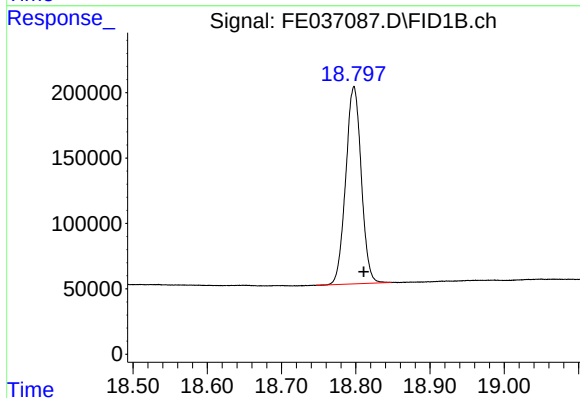
R.T.: 17.079 min
Delta R.T.: -0.011 min
Response: 2853391
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

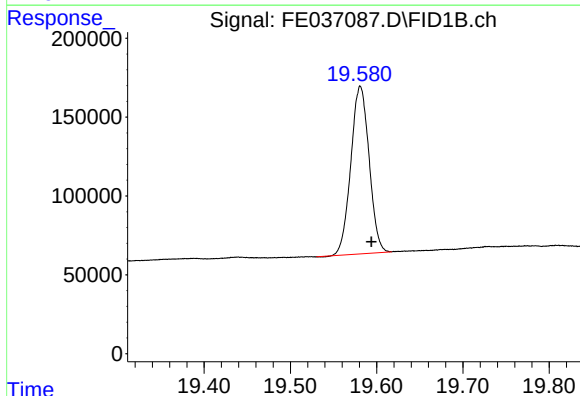
R.T.: 17.966 min
Delta R.T.: -0.011 min
Response: 2700619
Conc: 18.52 ug/ml

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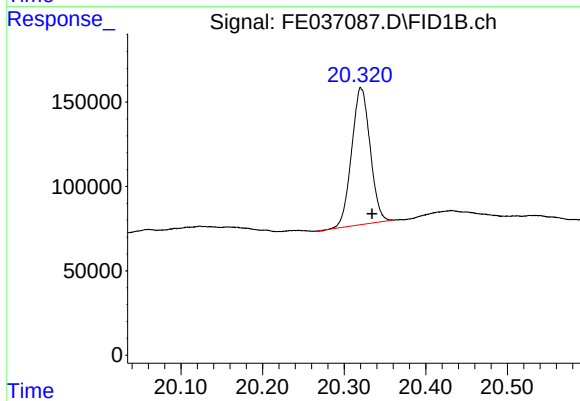
#18 n-Dotriacontane (C32)

R.T.: 18.798 min
Delta R.T.: -0.013 min
Response: 2190656
Conc: 18.85 ug/ml



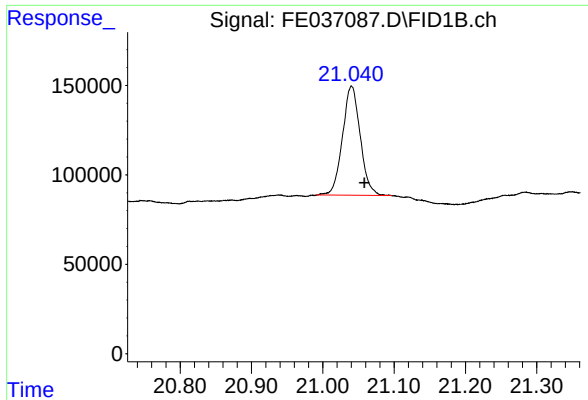
#19 n-Tetratriacontane (C34)

R.T.: 19.581 min
Delta R.T.: -0.013 min
Response: 1564801
Conc: 18.99 ug/ml



#20 n-Hexatriacontane (C36)

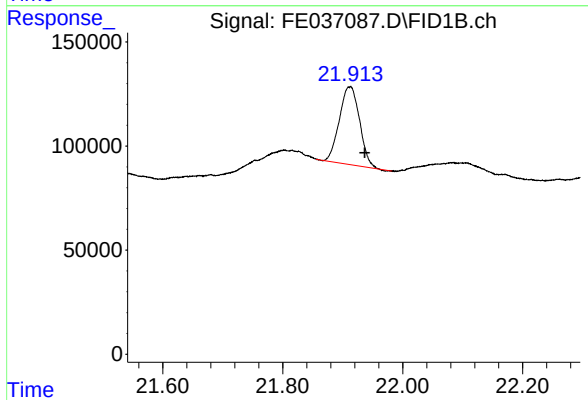
R.T.: 20.321 min
Delta R.T.: -0.014 min
Response: 1272632
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.018 min
Response: 1052392
Conc: 20.63 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.024 min
Response: 876983
Conc: 18.22 ug/ml