

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036204.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2022 01:55
 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: Jun 25 11:28:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.866	3834819	19.194 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	13.305	2984062	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.260	3406324	18.939 ug/ml
2) T n-Decane (C10)	4.514	3409677	18.968 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3827559	19.077 ug/ml
4) T n-Dodecane (C12)	6.682	3518936	18.998 ug/ml
5) T A~2-methylnaphthalene...	7.308	3879278	19.056 ug/ml
6) T n-Tetradecane (C14)	8.507	3561250	19.049 ug/ml
7) T n-Hexadecane (C16)	10.112	3578124	19.107 ug/ml
8) T n-Octadecane (C18)	11.554	3575879	19.221 ug/ml
10) T n-Eicosane (C20)	12.861	3487392	19.250 ug/ml
11) T n-Heneicosane (C21)	13.474	3464049	19.284 ug/ml
13) T n-Docosane (C22)	14.059	3406734	19.269 ug/ml
14) T n-Tetracosane (C24)	15.160	3297133	19.250 ug/ml
15) T n-Hexacosane (C26)	16.181	3172351	19.201 ug/ml
16) T n-Octacosane (C28)	17.130	3065403	19.150 ug/ml
17) T n-Tricontane (C30)	18.016	2965195	19.152 ug/ml
18) T n-Dotriacontane (C32)	18.848	2804492	19.191 ug/ml
19) T n-Tetratriacontane (C34)	19.633	2635861	19.048 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2505449	18.663 ug/ml
21) T n-Octatriacontane (C38)	21.098	2493330	18.748 ug/ml
22) T n-Tetracontane (C40)	21.988	2602225	18.610 ug/ml

(f)=RT Delta > 1/2 Window

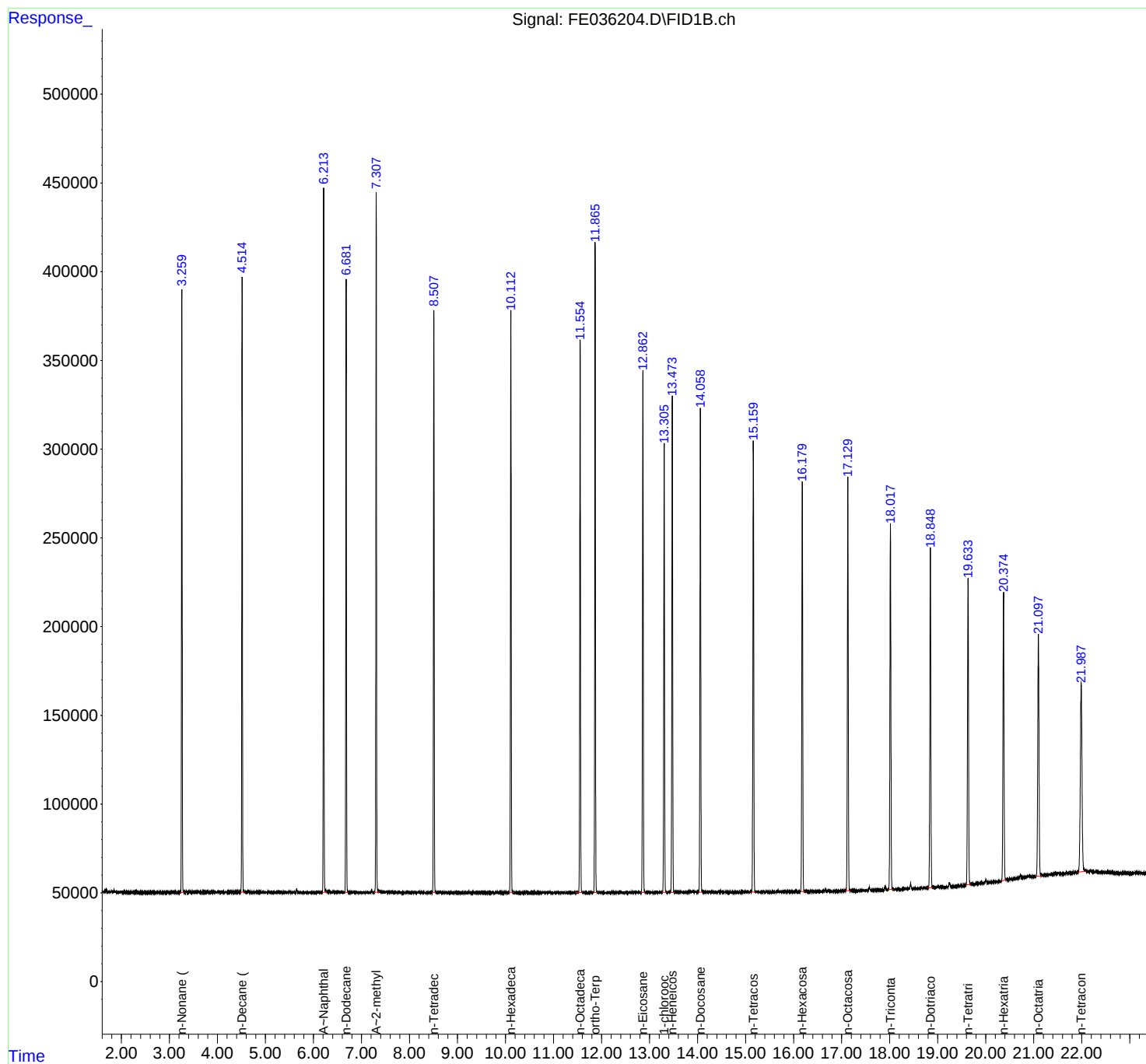
(m)=manual int.

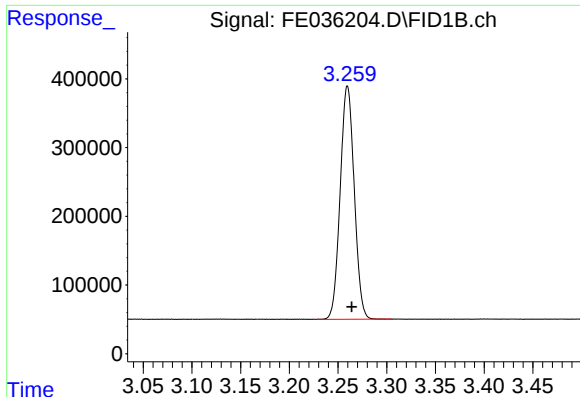
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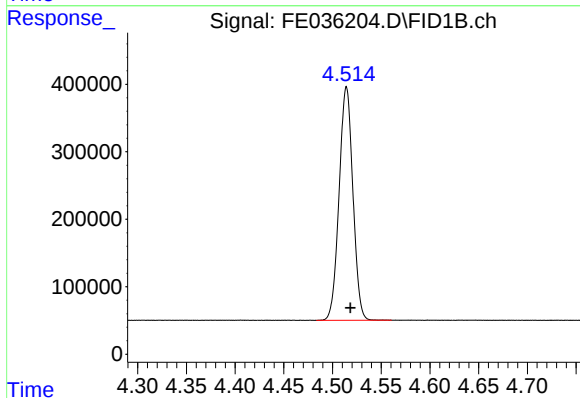




#1 n-Nonane (C9)

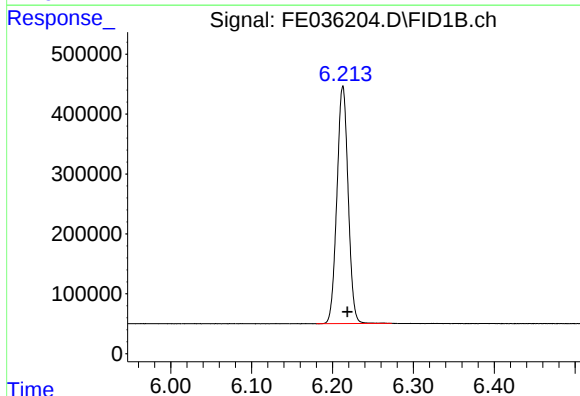
R.T.: 3.260 min
Delta R.T.: -0.004 min
Response: 3406324
Conc: 18.94 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



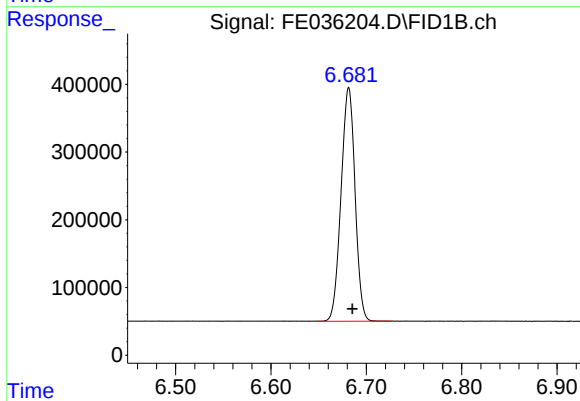
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.004 min
Response: 3409677
Conc: 18.97 ug/ml



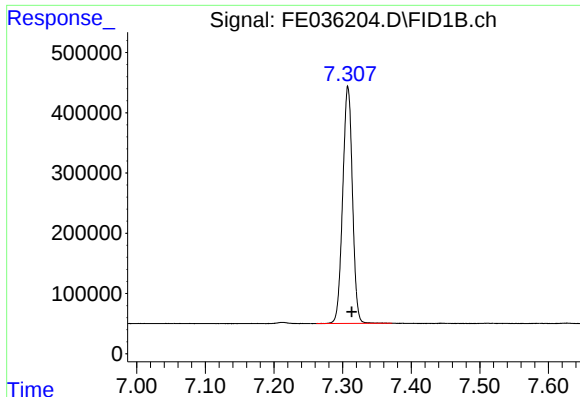
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.005 min
Response: 3827559
Conc: 19.08 ug/ml



#4 n-Dodecane (C12)

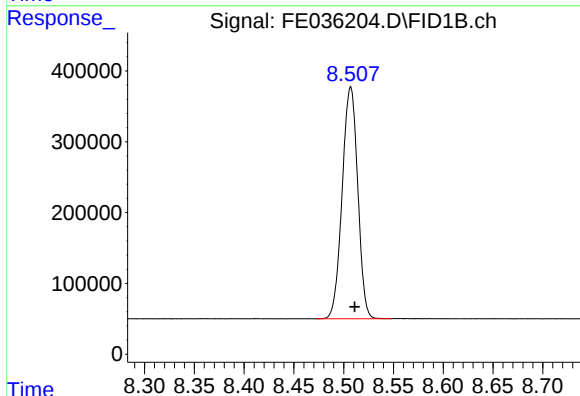
R.T.: 6.682 min
Delta R.T.: -0.004 min
Response: 3518936
Conc: 19.00 ug/ml



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

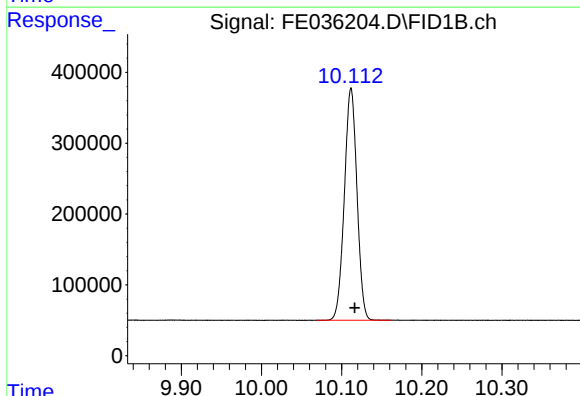
R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 3879278
Conc: 19.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



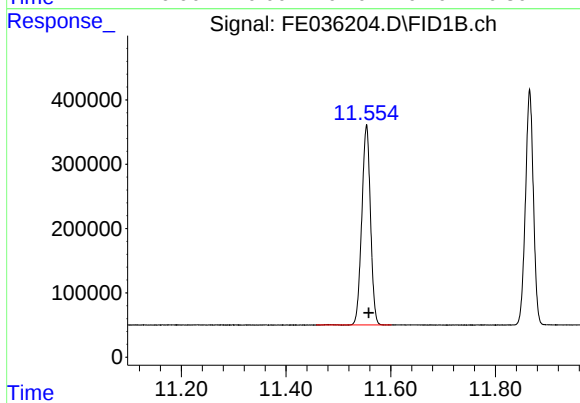
#6 n-Tetradecane (C14)

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 3561250
Conc: 19.05 ug/ml



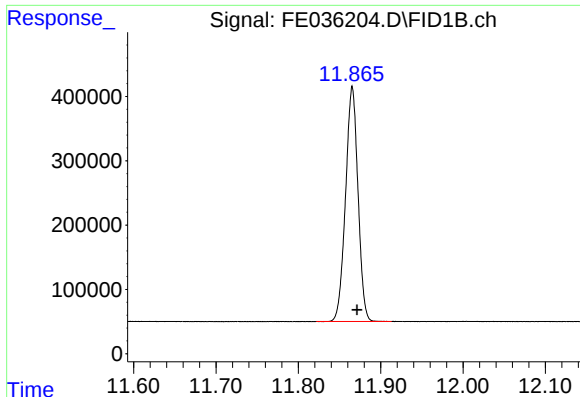
#7 n-Hexadecane (C16)

R.T.: 10.112 min
Delta R.T.: -0.005 min
Response: 3578124
Conc: 19.11 ug/ml



#8 n-Octadecane (C18)

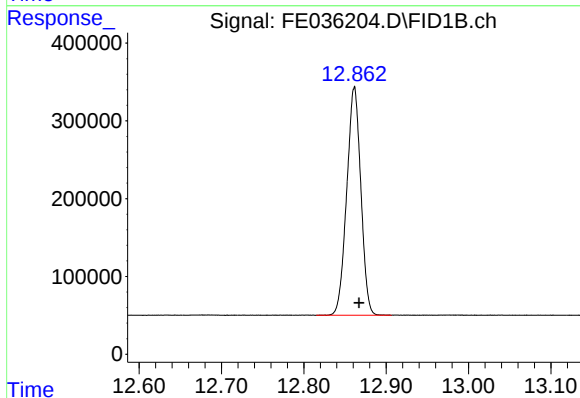
R.T.: 11.554 min
Delta R.T.: -0.004 min
Response: 3575879
Conc: 19.22 ug/ml



#9 ortho-Terphenyl (SURR)

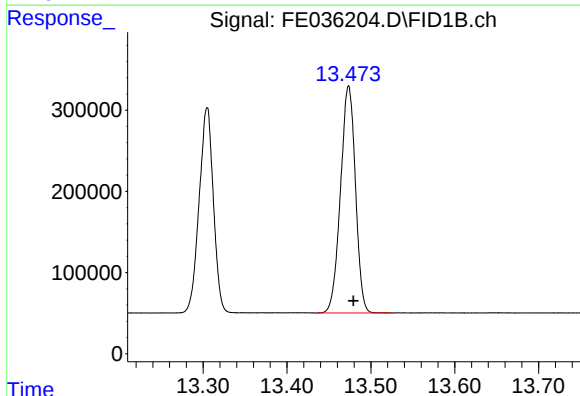
R.T.: 11.866 min
Delta R.T.: -0.006 min
Response: 3834819
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



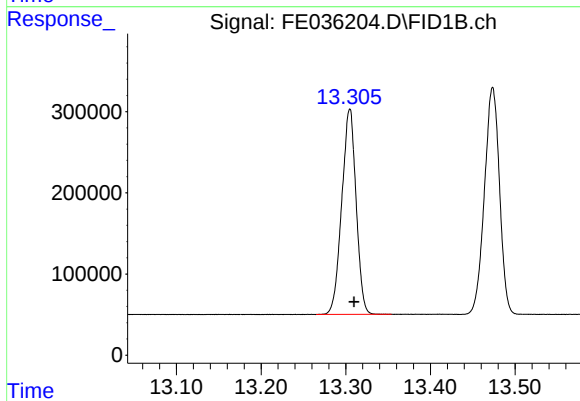
#10 n-Eicosane (C20)

R.T.: 12.861 min
Delta R.T.: -0.006 min
Response: 3487392
Conc: 19.25 ug/ml



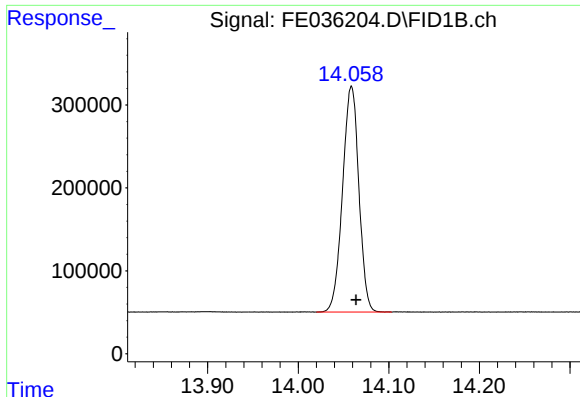
#11 n-Heneicosane (C21)

R.T.: 13.474 min
Delta R.T.: -0.006 min
Response: 3464049
Conc: 19.28 ug/ml



#12 1-chlorooctadecane (SURR)

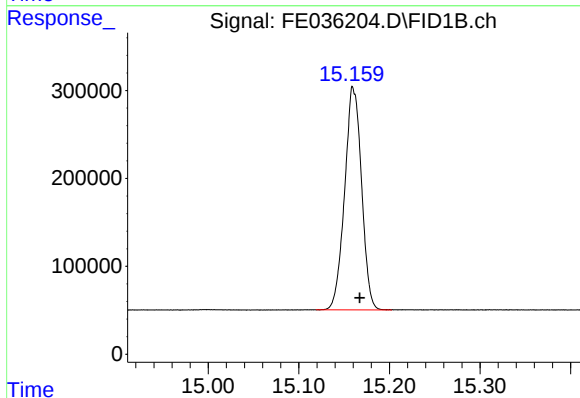
R.T.: 13.305 min
Delta R.T.: -0.005 min
Response: 2984062
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

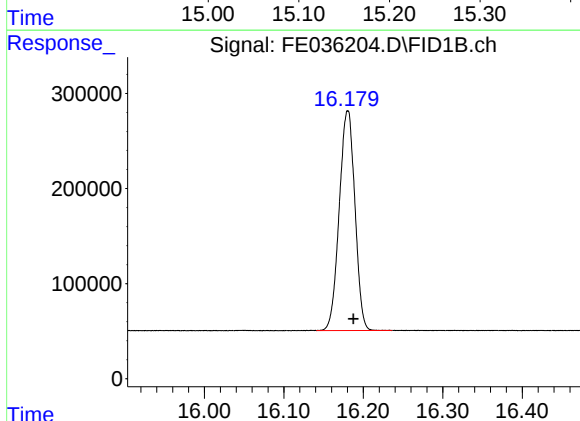
R.T.: 14.059 min
Delta R.T.: -0.005 min
Response: 3406734
Conc: 19.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



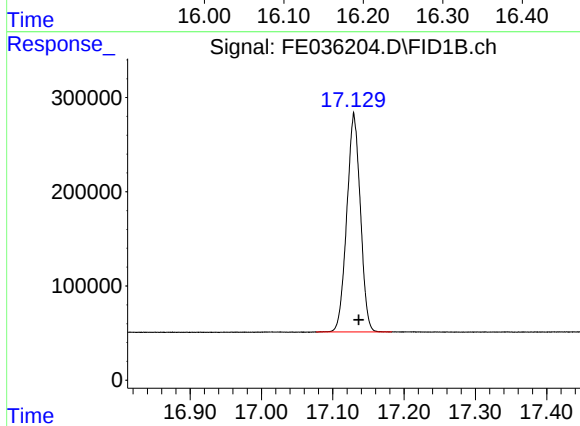
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.007 min
Response: 3297133
Conc: 19.25 ug/ml



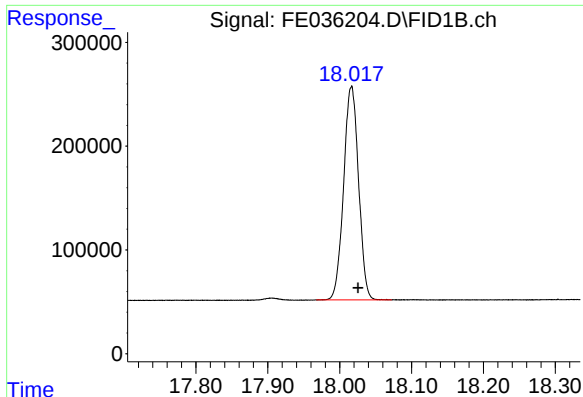
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: -0.007 min
Response: 3172351
Conc: 19.20 ug/ml



#16 n-Octacosane (C28)

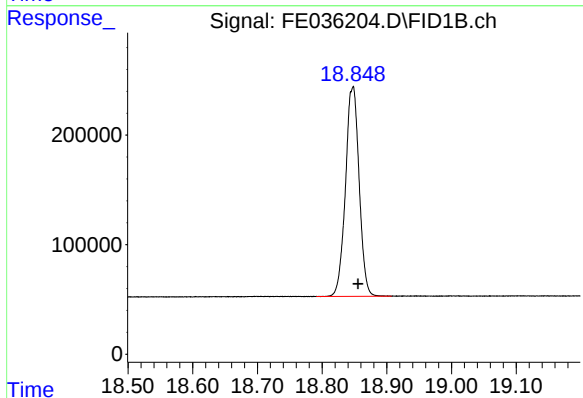
R.T.: 17.130 min
Delta R.T.: -0.007 min
Response: 3065403
Conc: 19.15 ug/ml



#17 n-Tricontane (C30)

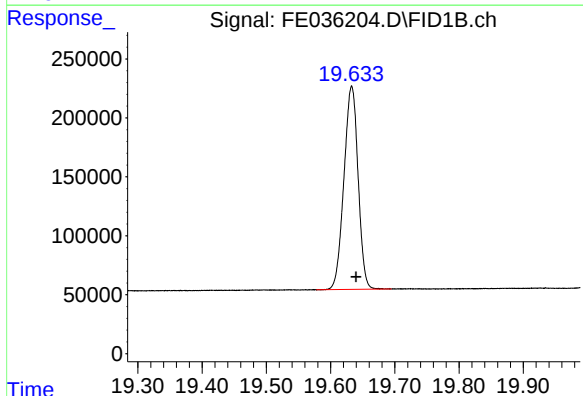
R.T.: 18.016 min
Delta R.T.: -0.009 min
Response: 2965195
Conc: 19.15 ug/ml

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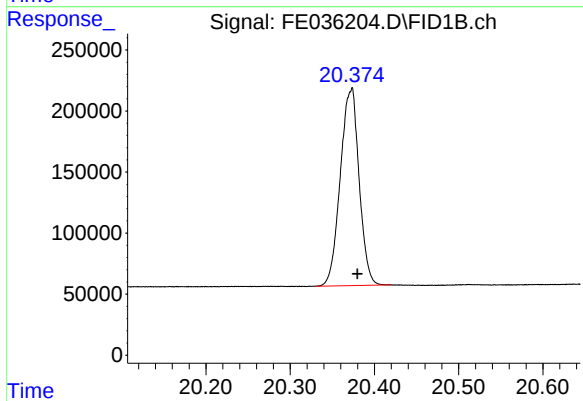
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.008 min
Response: 2804492
Conc: 19.19 ug/ml



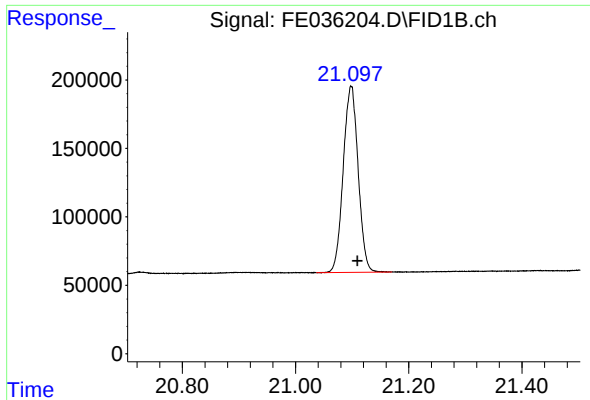
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.007 min
Response: 2635861
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

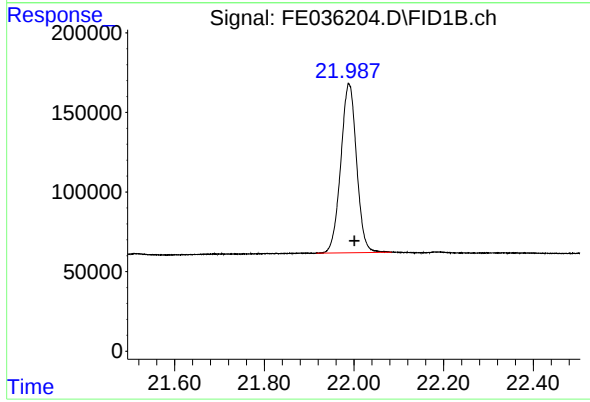
R.T.: 20.373 min
Delta R.T.: -0.007 min
Response: 2505449
Conc: 18.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.011 min
Response: 2493330
Conc: 18.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.013 min
Response: 2602225
Conc: 18.61 ug/ml