

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022AL\
 Data File : FE037329.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2022 00:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 05:34:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.644	3538066	20.936 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
12) S 1-chlorooctadecane (S...	13.066	2710287	21.059 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.042	3207698	20.965 ug/ml
2) T n-Decane (C10)	4.299	3248373	21.069 ug/ml
3) T A~Naphthalene (C11.7)	6.015	3186652	22.119 ug/ml
4) T n-Dodecane (C12)	6.469	3332856	21.076 ug/ml
5) T A~2-methylnaphthalene...	7.108	2971392	21.283 ug/ml
6) T n-Tetradecane (C14)	9.887	3331871	21.027 ug/ml
7) T n-Hexadecane (C16)	9.887	3331871	21.027 ug/ml
8) T n-Octadecane (C18)	11.322	3351879	21.049 ug/ml
10) T n-Eicosane (C20)	12.623	3322148	20.997 ug/ml
11) T n-Heneicosane (C21)	13.232	3308990	20.984 ug/ml
13) T n-Docosane (C22)	13.815	3257723	20.927 ug/ml
14) T n-Tetracosane (C24)	14.912	3142205	20.892 ug/ml
15) T n-Hexacosane (C26)	15.927	3022520	20.873 ug/ml
16) T n-Octacosane (C28)	16.872	2893156	20.883 ug/ml
17) T n-Tricontane (C30)	17.753	2867797	21.082 ug/ml
18) T n-Dotriacontane (C32)	18.583	2830506	21.197 ug/ml
19) T n-Tetratriacontane (C34)	19.360	2705457	21.382 ug/ml
20) T n-Hexatriacontane (C36)	20.095	2703978	21.024 ug/ml
21) T n-Octatriacontane (C38)	20.794	2649276	21.286 ug/ml
22) T n-Tetracontane (C40)	21.575	2668120	20.697 ug/ml

(f)=RT Delta > 1/2 Window

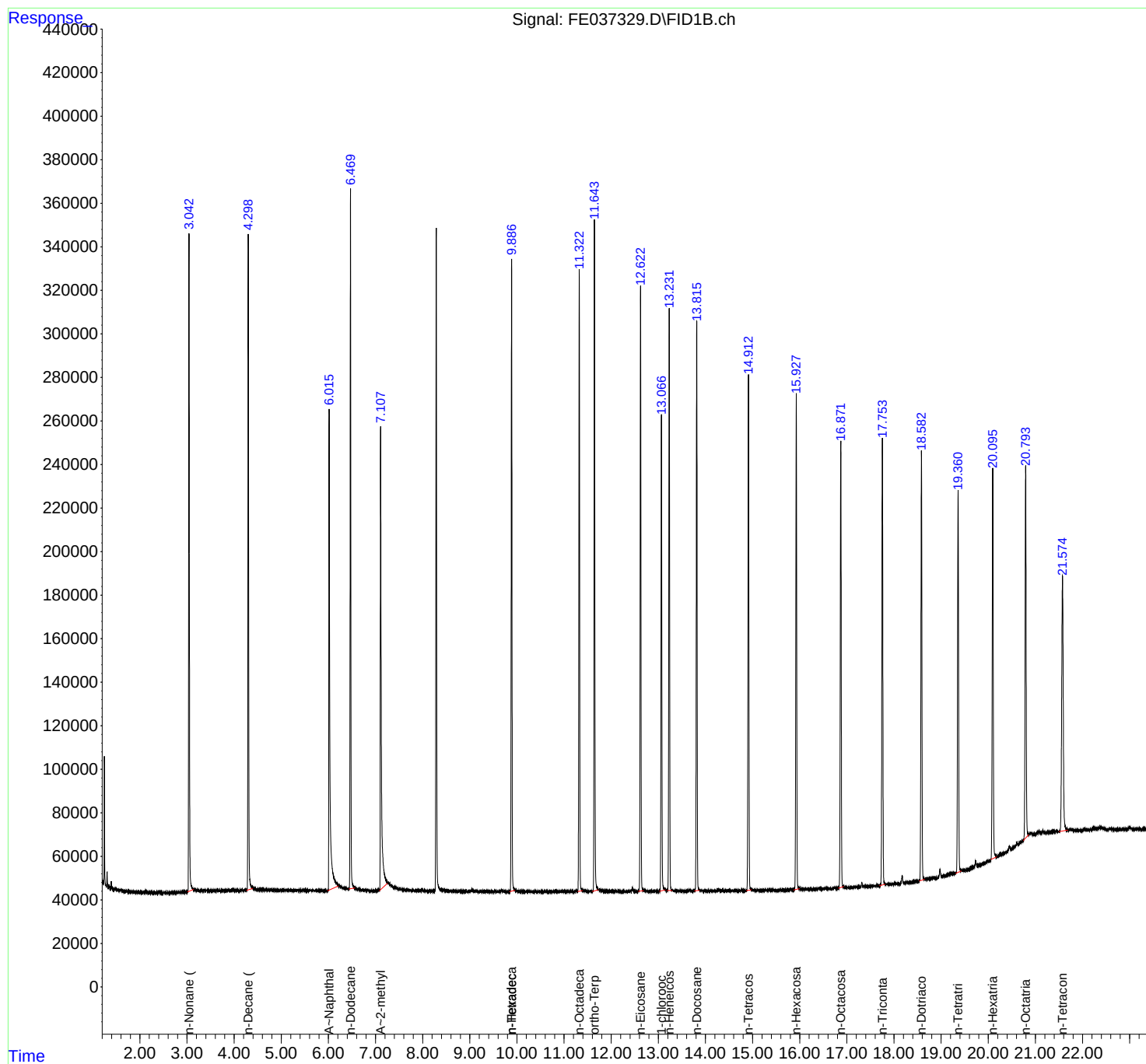
(m)=manual int.

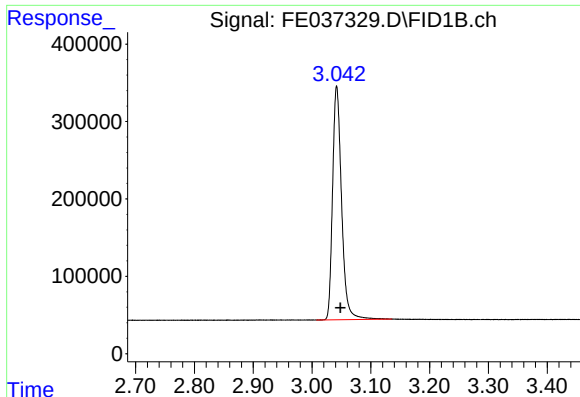
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083022AL\
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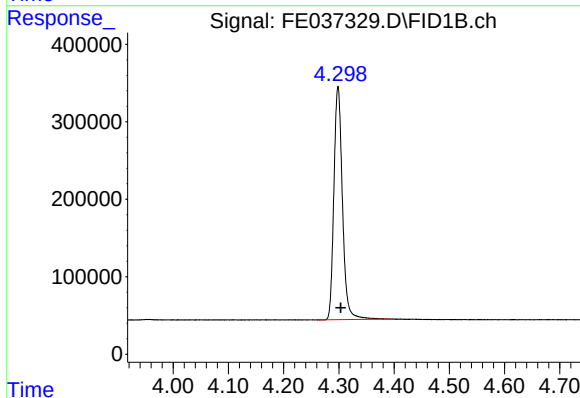




#1 n-Nonane (C9)

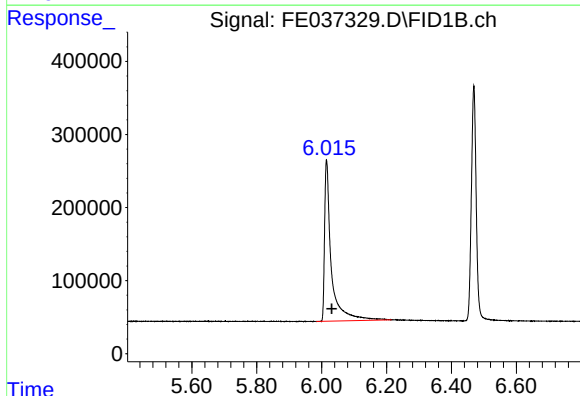
R.T.: 3.042 min
Delta R.T.: -0.006 min
Response: 3207698
Conc: 20.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



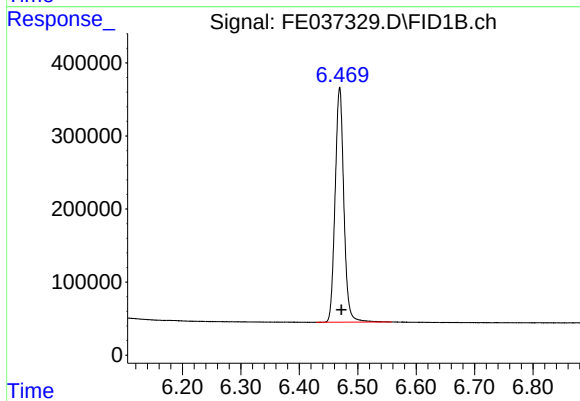
#2 n-Decane (C10)

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 3248373
Conc: 21.07 ug/ml



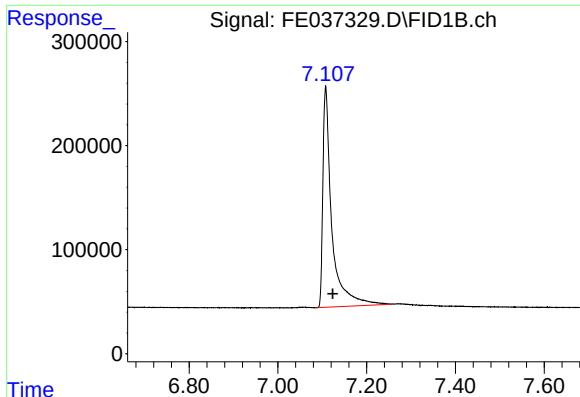
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.015 min
Response: 3186652
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

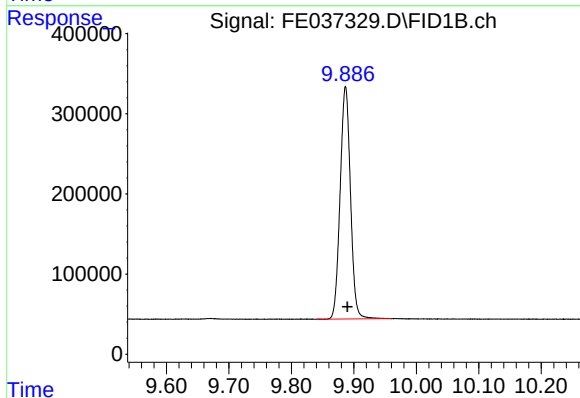
R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 3332856
Conc: 21.08 ug/ml



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

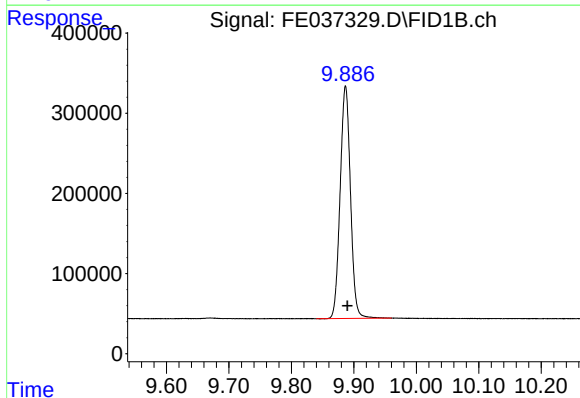
R.T.: 7.108 min
Delta R.T.: -0.015 min
Response: 2971392
Conc: 21.28 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



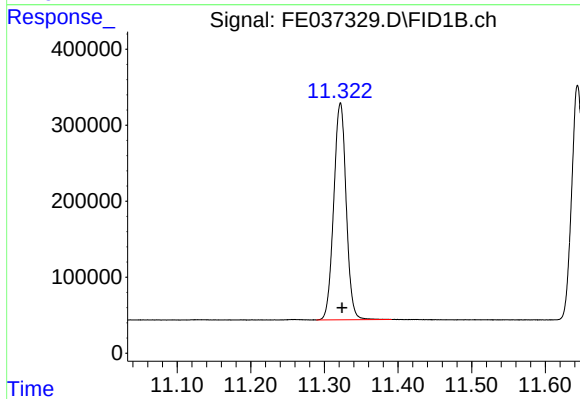
#6 n-Tetradecane (C14)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 3331871
Conc: 21.03 ug/ml



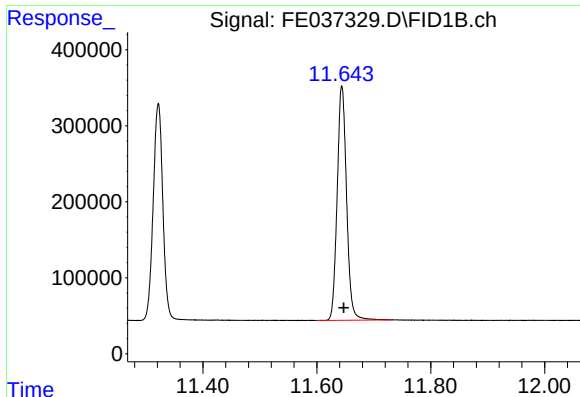
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.003 min
Response: 3331871
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

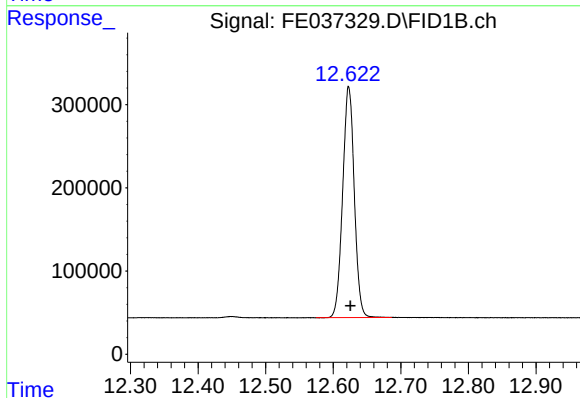
R.T.: 11.322 min
Delta R.T.: -0.002 min
Response: 3351879
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

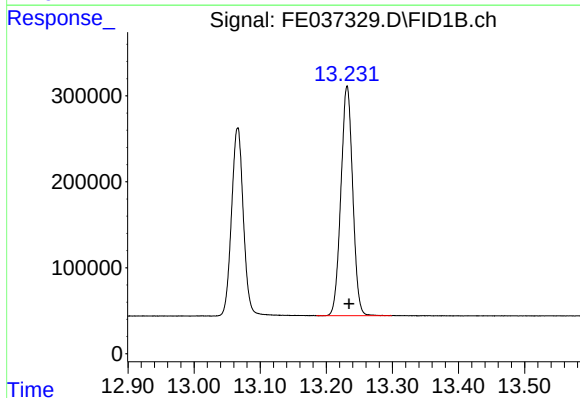
R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 3538066
Conc: 20.94 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



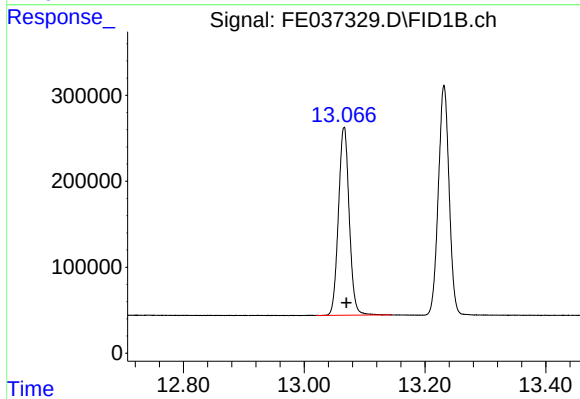
#10 n-Eicosane (C20)

R.T.: 12.623 min
Delta R.T.: -0.003 min
Response: 3322148
Conc: 21.00 ug/ml



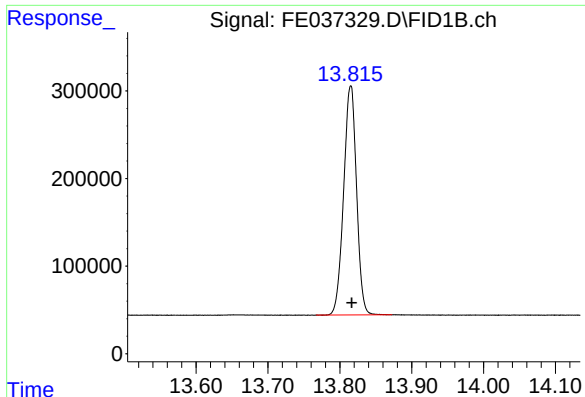
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 3308990
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

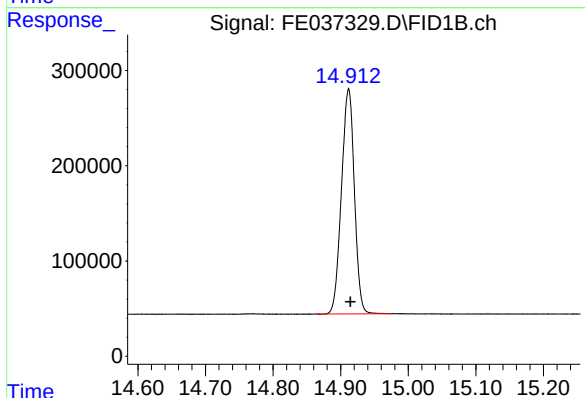
R.T.: 13.066 min
Delta R.T.: -0.004 min
Response: 2710287
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

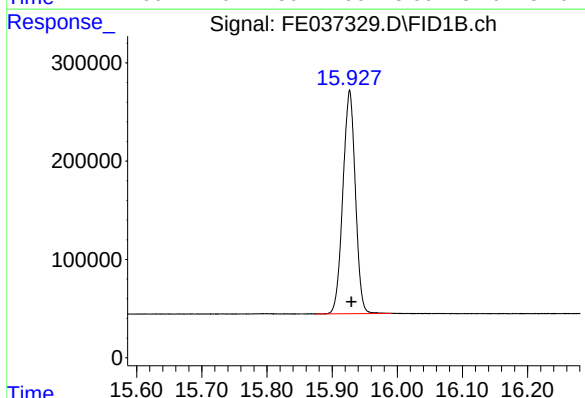
R.T.: 13.815 min
Delta R.T.: -0.001 min
Response: 3257723
Conc: 20.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



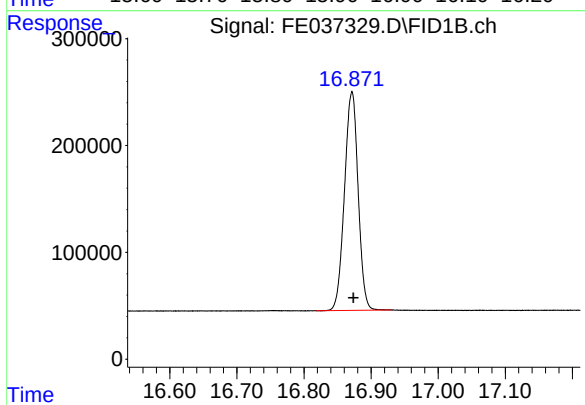
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.003 min
Response: 3142205
Conc: 20.89 ug/ml



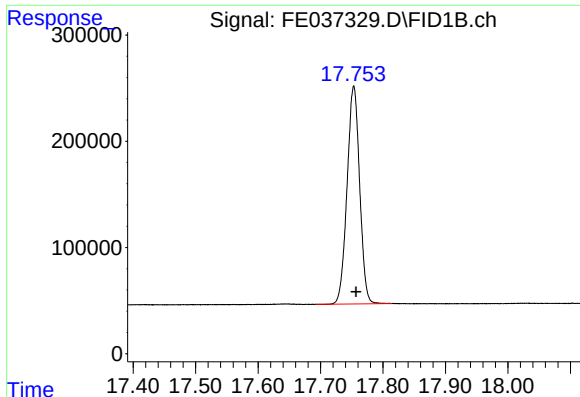
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: -0.002 min
Response: 3022520
Conc: 20.87 ug/ml



#16 n-Octacosane (C28)

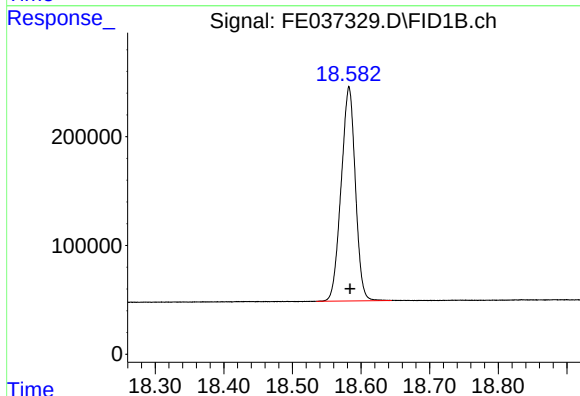
R.T.: 16.872 min
Delta R.T.: -0.002 min
Response: 2893156
Conc: 20.88 ug/ml



#17 n-Tricontane (C30)

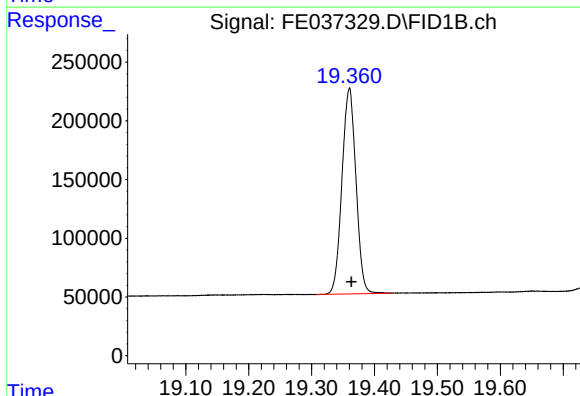
R.T.: 17.753 min
Delta R.T.: -0.004 min
Response: 2867797
Conc: 21.08 ug/ml

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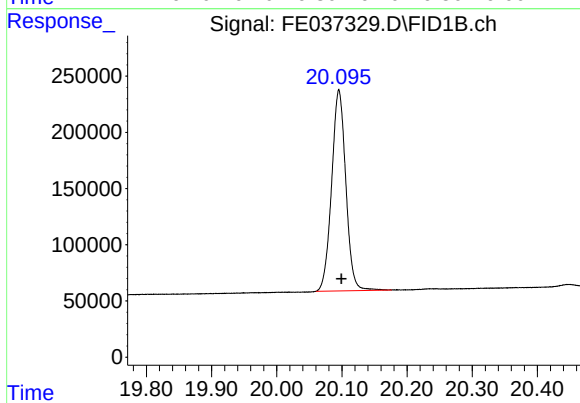
#18 n-Dotriacontane (C32)

R.T.: 18.583 min
Delta R.T.: -0.002 min
Response: 2830506
Conc: 21.20 ug/ml



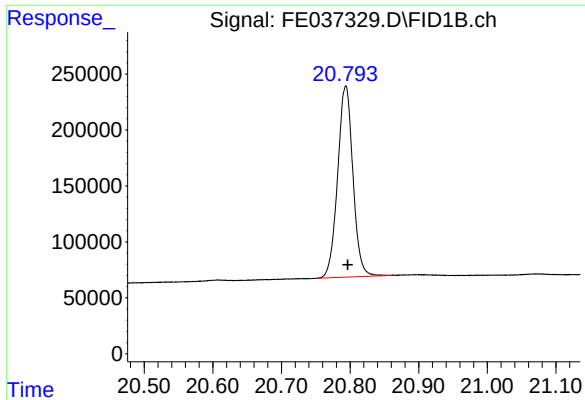
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: -0.003 min
Response: 2705457
Conc: 21.38 ug/ml



#20 n-Hexatriacontane (C36)

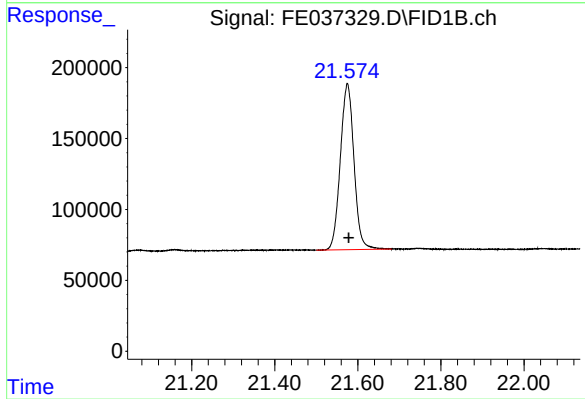
R.T.: 20.095 min
Delta R.T.: -0.004 min
Response: 2703978
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.003 min
Response: 2649276
Conc: 21.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.575 min
Delta R.T.: -0.003 min
Response: 2668120
Conc: 20.70 ug/ml