

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054809.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 12:51
 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: Jul 12 02:09:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.081	3161119	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
12) S 1-chlorooctadecane (S...	13.518	2409744	19.080 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
Target Compounds			
1) T n-Nonane (C9)	3.421	2756766	20.495 ug/ml
2) T n-Decane (C10)	4.678	2856218	20.932 ug/ml
3) T A~Naphthalene (C11.7)	6.396	3176807	20.981 ug/ml
4) T n-Dodecane (C12)	6.854	2914779	21.244 ug/ml
5) T A~2-methylnaphthalene...	7.498	3085651	20.990 ug/ml
6) T n-Tetradecane (C14)	8.691	2933835	21.164 ug/ml
7) T n-Hexadecane (C16)	10.305	2976040	20.883 ug/ml
8) T n-Octadecane (C18)	11.755	2950921	20.135 ug/ml
10) T n-Eicosane (C20)	13.069	2785069	19.368 ug/ml
11) T n-Heneicosane (C21)	13.684	2722666	19.062 ug/ml
13) T n-Docosane (C22)	14.273	2699682	18.907 ug/ml
14) T n-Tetracosane (C24)	15.378	2699007	18.567 ug/ml
15) T n-Hexacosane (C26)	16.401	2672119	18.465 ug/ml
16) T n-Octacosane (C28)	17.354	2662431	18.269 ug/ml
17) T n-Tricontane (C30)	18.242	2771535	17.588 ug/ml
18) T n-Dotriacontane (C32)	19.077	2732280	16.888 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2596200	17.036 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2407885	17.908 ug/ml
21) T n-Octatriacontane (C38)	21.385	2428895	20.710 ug/ml
22) T n-Tetracontane (C40)	22.376	2304205	21.260 ug/ml

(f)=RT Delta > 1/2 Window

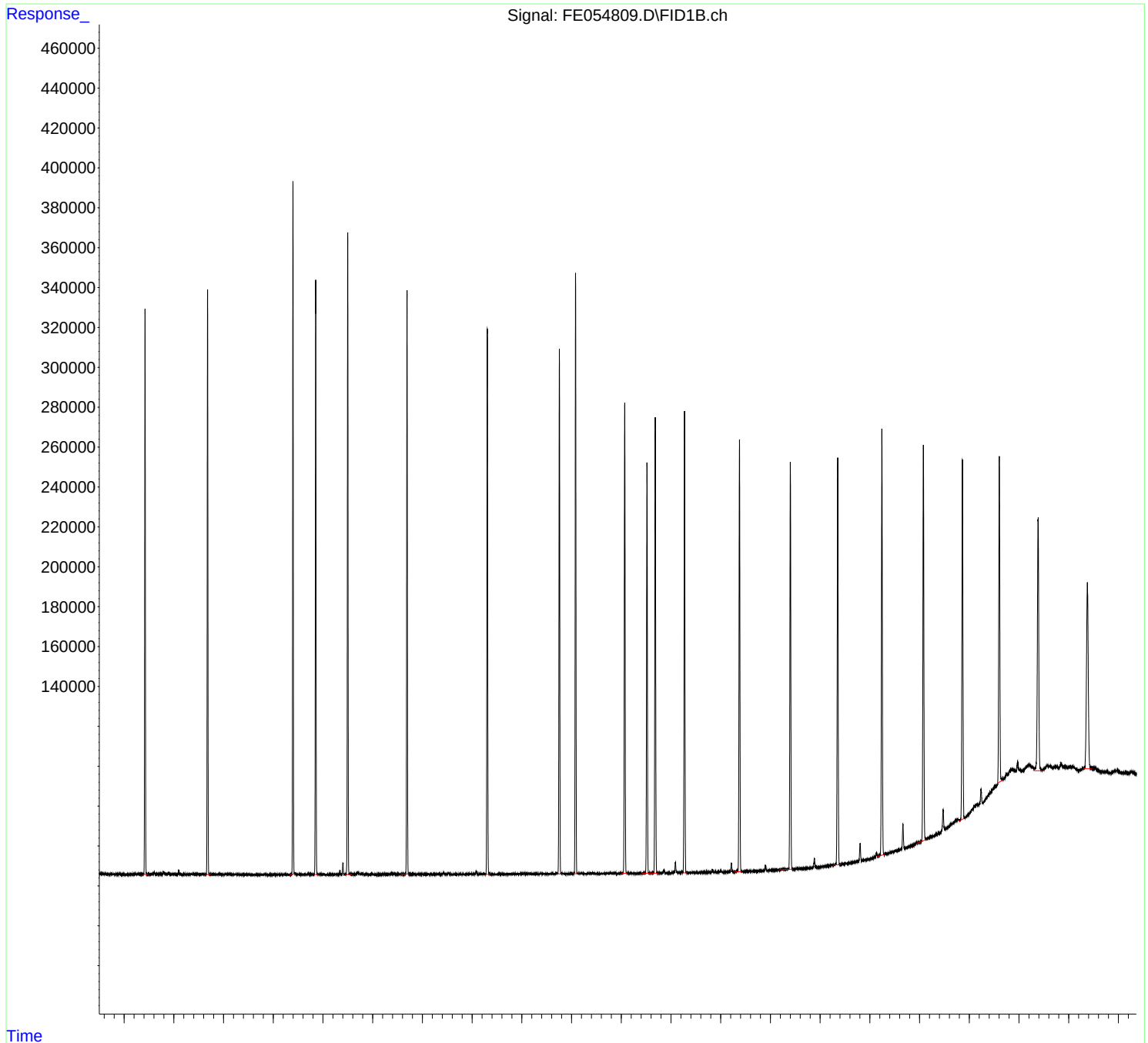
(m)=manual int.

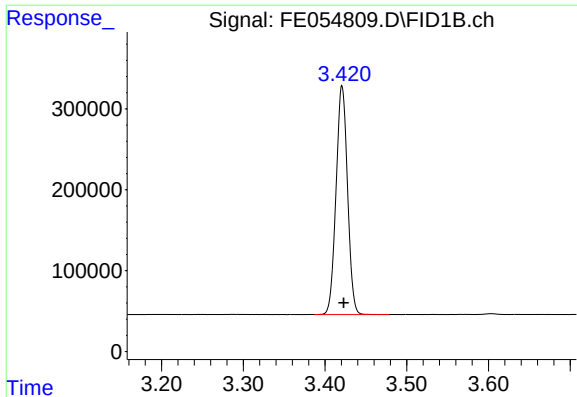
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Signal Info : 20M x 0.18mm x 0.18um

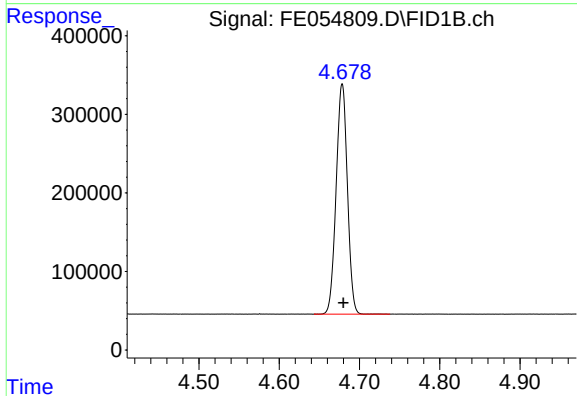




#1 n-Nonane (C9)

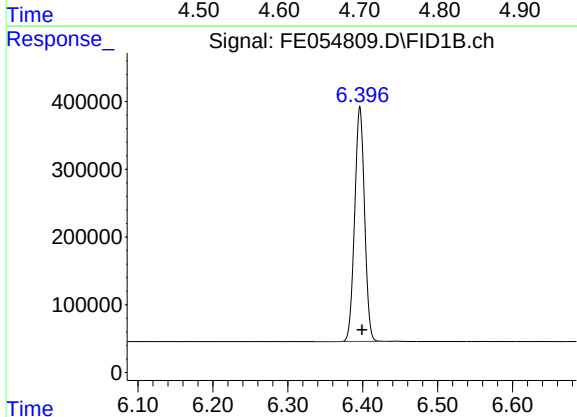
R.T.: 3.421 min
Delta R.T.: -0.002 min
Response: 2756766
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



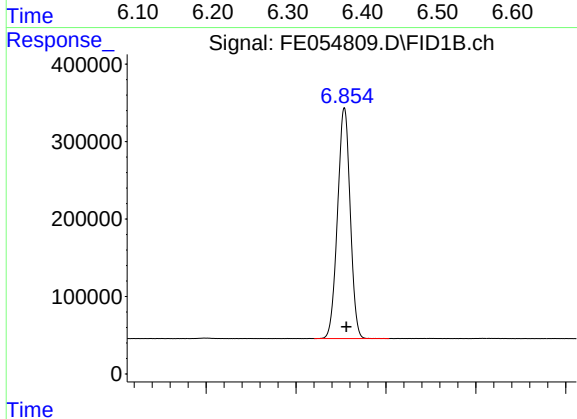
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 2856218
Conc: 20.93 ug/ml



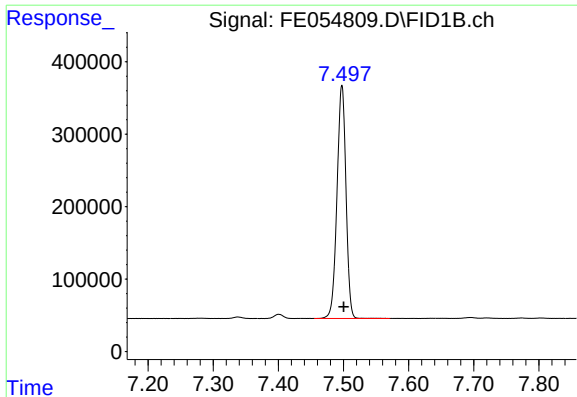
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 3176807
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

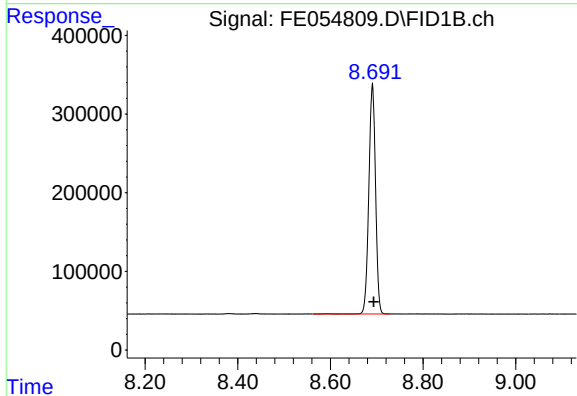
R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 2914779
Conc: 21.24 ug/ml



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

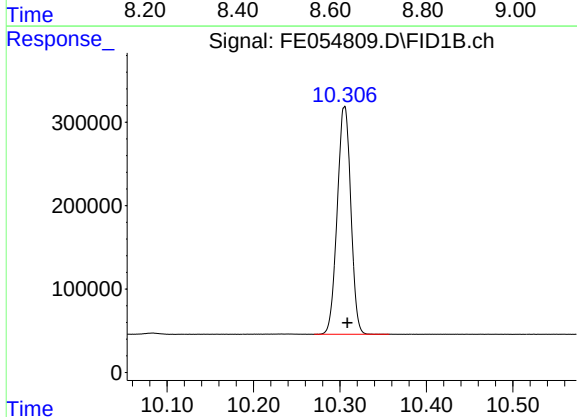
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 3085651
Conc: 20.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



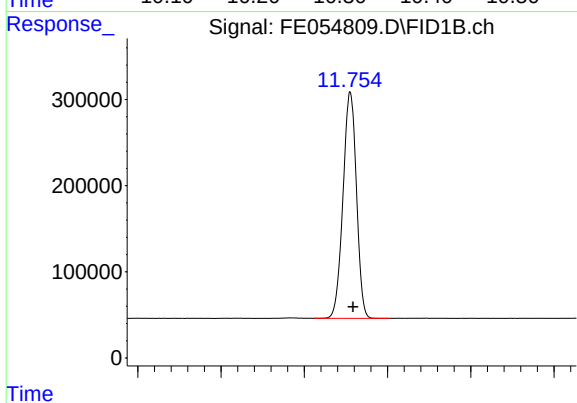
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 2933835
Conc: 21.16 ug/ml



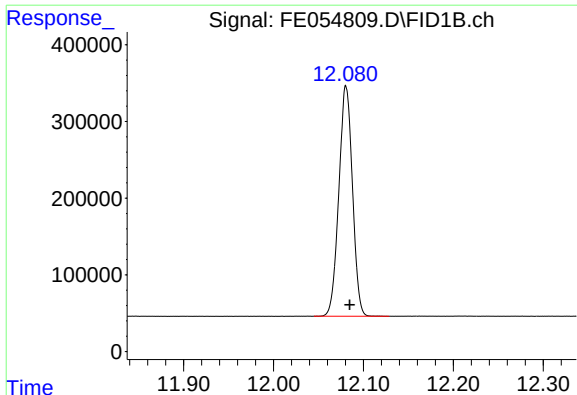
#7 n-Hexadecane (C16)

R.T.: 10.305 min
Delta R.T.: -0.003 min
Response: 2976040
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

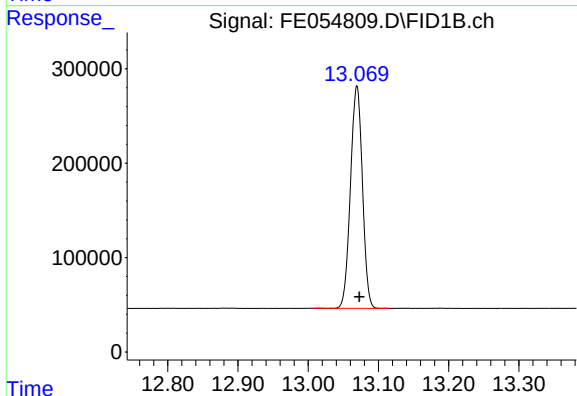
R.T.: 11.755 min
Delta R.T.: -0.003 min
Response: 2950921
Conc: 20.14 ug/ml



#9 ortho-Terphenyl (SURR)

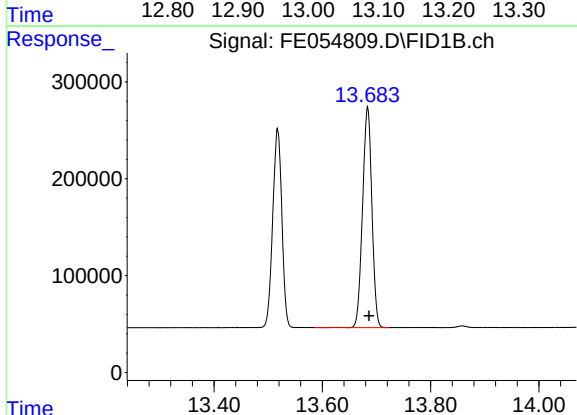
R.T.: 12.081 min
Delta R.T.: -0.004 min
Response: 3161119
Conc: 19.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



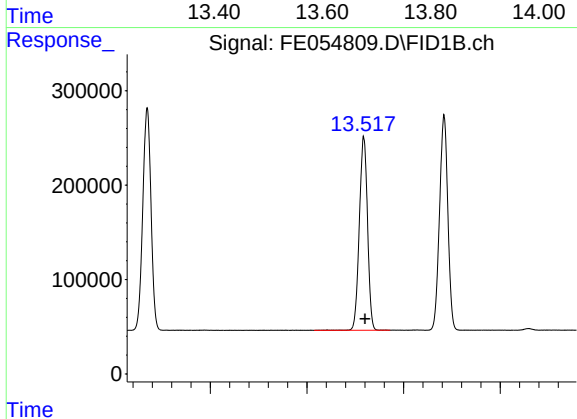
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 2785069
Conc: 19.37 ug/ml



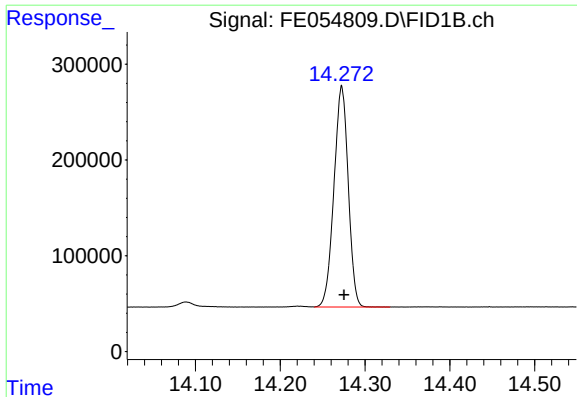
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2722666
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

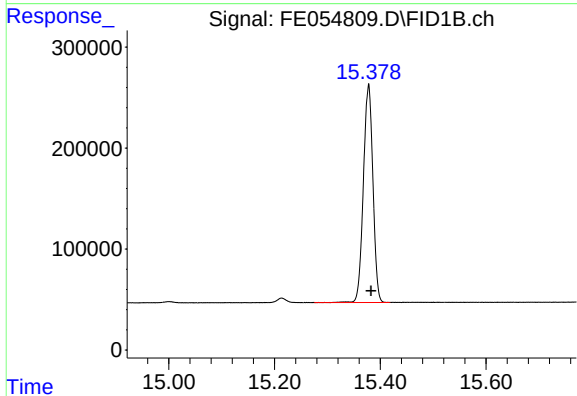
R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 2409744
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

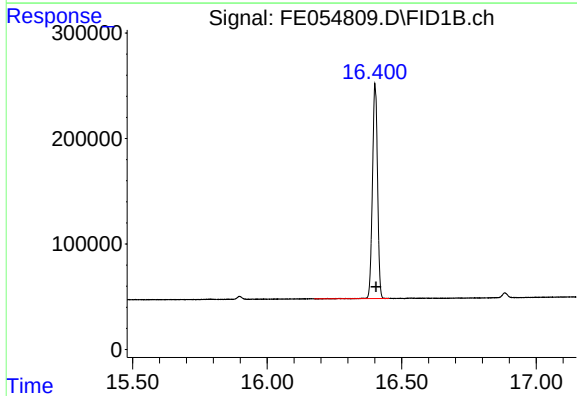
R.T.: 14.273 min
Delta R.T.: -0.003 min
Response: 2699682
Conc: 18.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



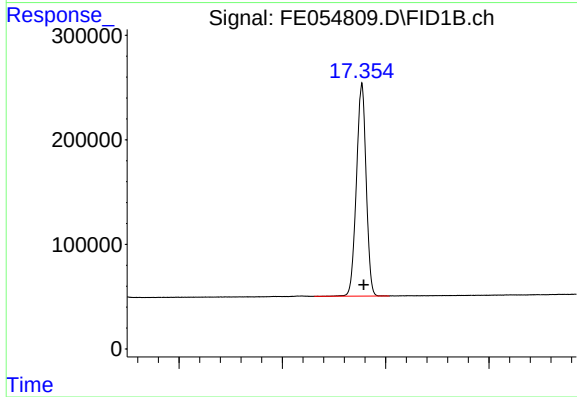
#14 n-Tetracosane (C24)

R.T.: 15.378 min
Delta R.T.: -0.005 min
Response: 2699007
Conc: 18.57 ug/ml



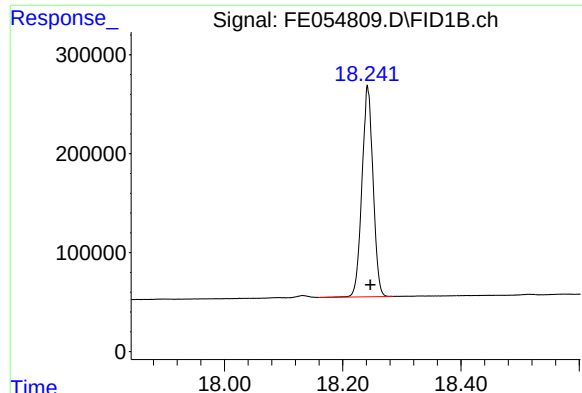
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 2672119
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

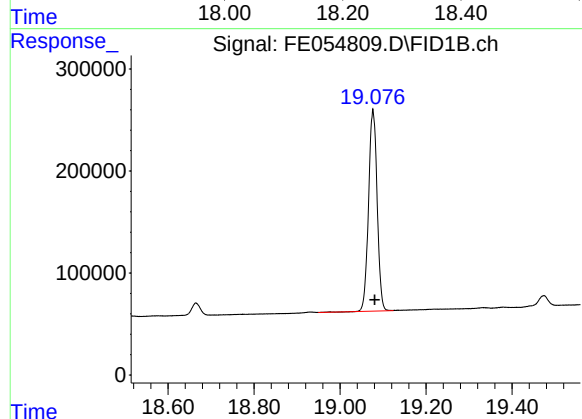
R.T.: 17.354 min
Delta R.T.: -0.004 min
Response: 2662431
Conc: 18.27 ug/ml



#17 n-Tricontane (C30)

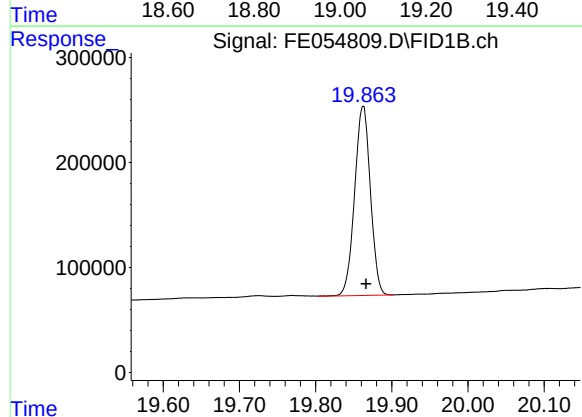
R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 2771535
Conc: 17.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



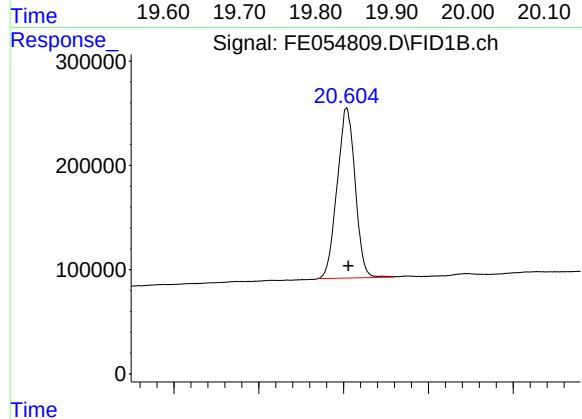
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 2732280
Conc: 16.89 ug/ml



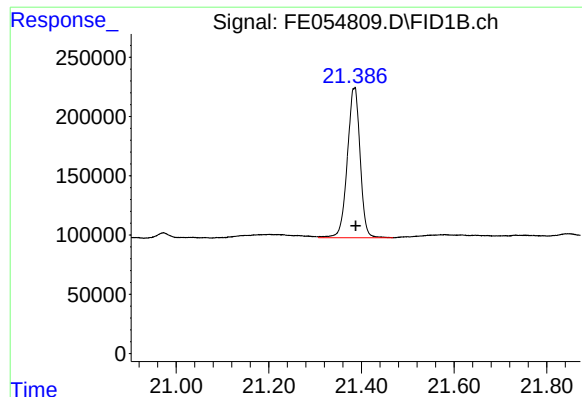
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 2596200
Conc: 17.04 ug/ml



#20 n-Hexatriacontane (C36)

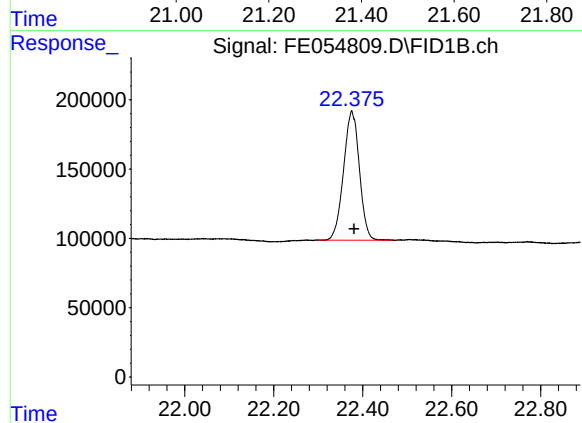
R.T.: 20.604 min
Delta R.T.: -0.002 min
Response: 2407885
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 2428895
Conc: 20.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 2304205
Conc: 21.26 ug/ml