

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042907.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2023 12:18
 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 26 01:19:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.920	3352531	18.250 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.356	2487743	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
Target Compounds			
1) T n-Nonane (C9)	3.297	2901924	18.786 ug/ml
2) T n-Decane (C10)	4.549	2962708	18.756 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3181557	18.790 ug/ml
4) T n-Dodecane (C12)	6.719	2991962	18.692 ug/ml
5) T A~2-methylnaphthalene...	7.357	3035658	18.723 ug/ml
6) T n-Tetradecane (C14)	8.549	2971395	18.670 ug/ml
7) T n-Hexadecane (C16)	10.157	3065283	18.611 ug/ml
8) T n-Octadecane (C18)	11.600	3073104	18.488 ug/ml
10) T n-Eicosane (C20)	12.911	2914499	18.367 ug/ml
11) T n-Heneicosane (C21)	13.523	2829965	18.292 ug/ml
13) T n-Docosane (C22)	14.110	2780774	18.255 ug/ml
14) T n-Tetracosane (C24)	15.213	2703190	18.219 ug/ml
15) T n-Hexacosane (C26)	16.234	2604678	18.219 ug/ml
16) T n-Octacosane (C28)	17.185	2546946	18.364 ug/ml
17) T n-Tricontane (C30)	18.073	2608393	18.443 ug/ml
18) T n-Dotriacontane (C32)	18.906	2593289	18.489 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2564858	18.743 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2525753	18.886 ug/ml
21) T n-Octatriacontane (C38)	21.172	2588627	18.986 ug/ml
22) T n-Tetracontane (C40)	22.091	2681533	19.274 ug/ml

(f)=RT Delta > 1/2 Window

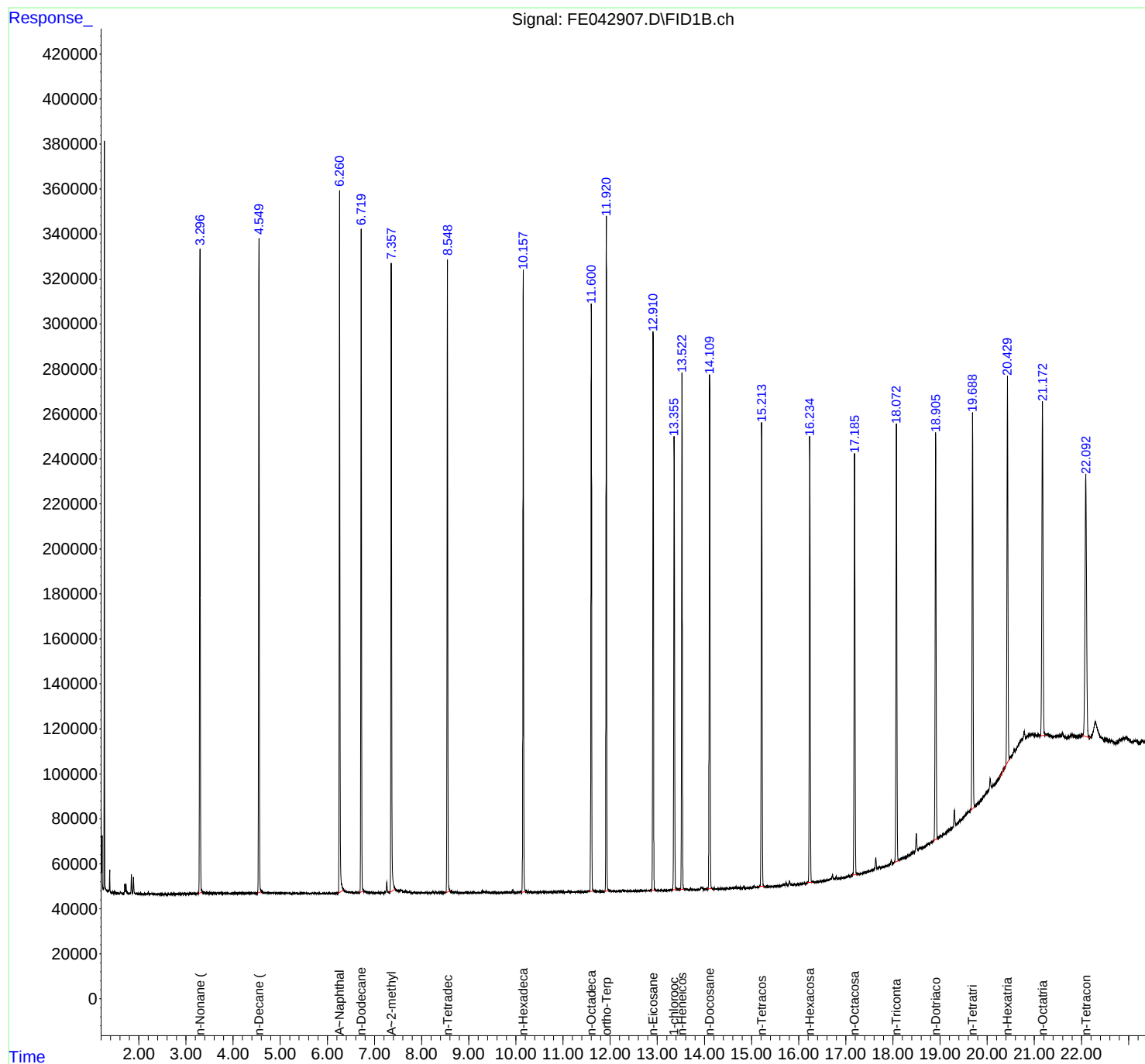
(m)=manual int.

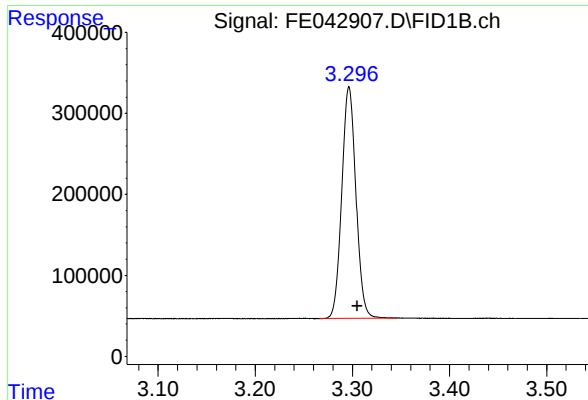
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
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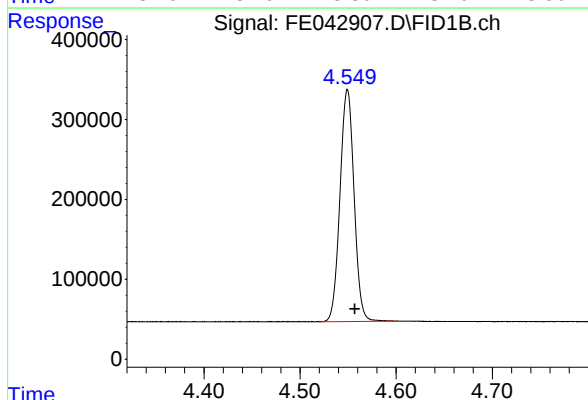




#1 n-Nonane (C9)

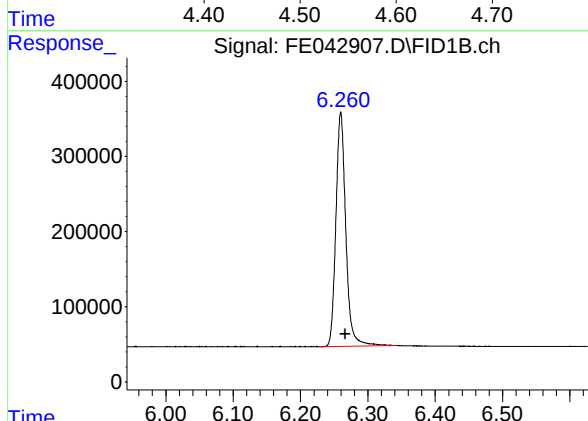
R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 2901924
Conc: 18.79 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



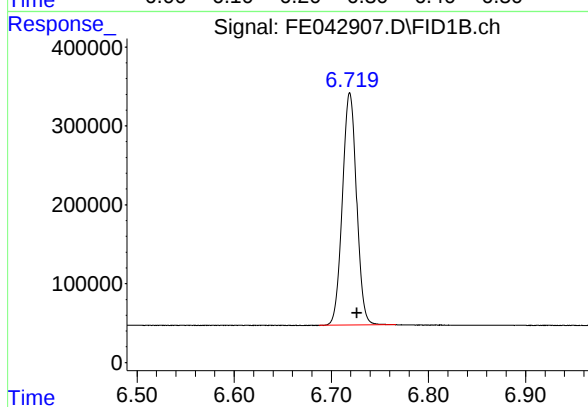
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 2962708
Conc: 18.76 ug/ml



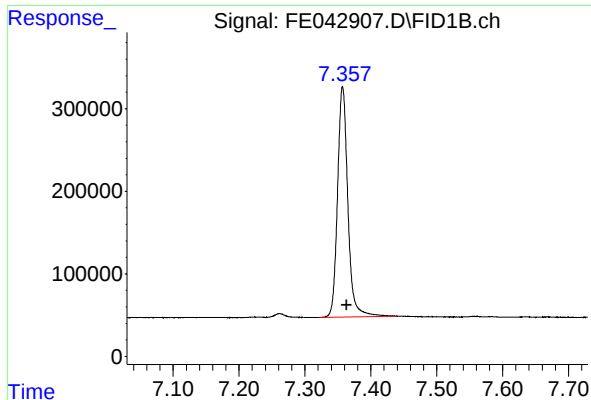
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 3181557
Conc: 18.79 ug/ml



#4 n-Dodecane (C12)

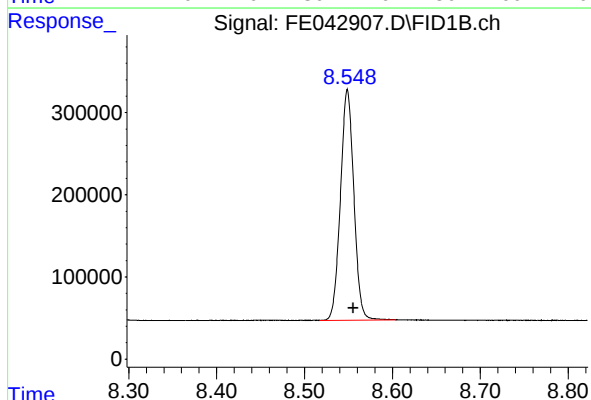
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 2991962
Conc: 18.69 ug/ml



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

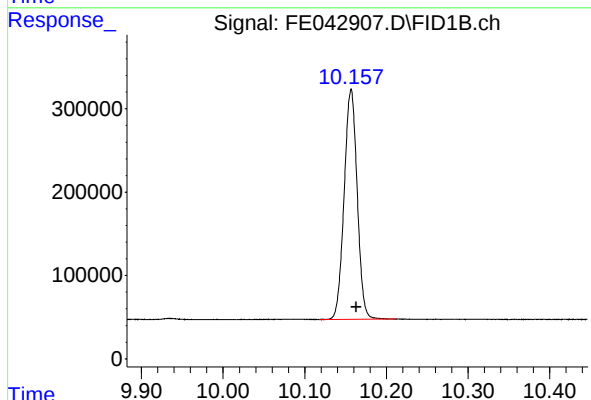
R.T.: 7.357 min
Delta R.T.: -0.006 min
Response: 3035658
Conc: 18.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



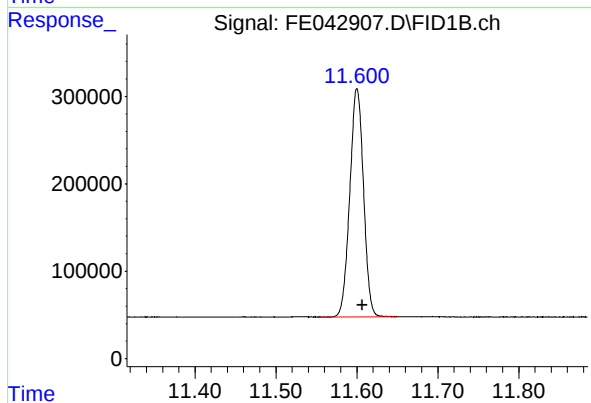
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.007 min
Response: 2971395
Conc: 18.67 ug/ml



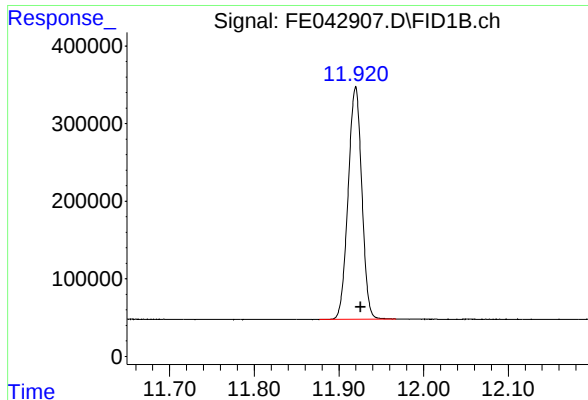
#7 n-Hexadecane (C16)

R.T.: 10.157 min
Delta R.T.: -0.006 min
Response: 3065283
Conc: 18.61 ug/ml



#8 n-Octadecane (C18)

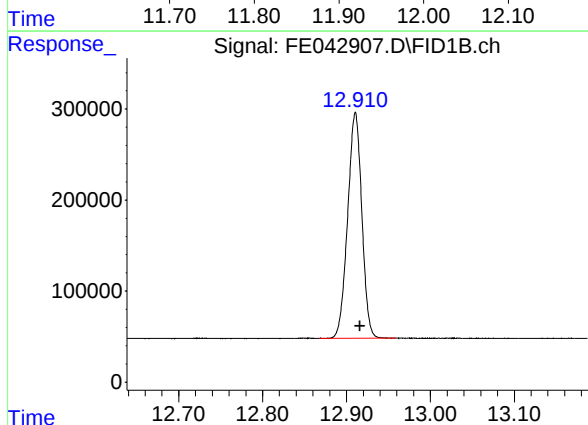
R.T.: 11.600 min
Delta R.T.: -0.007 min
Response: 3073104
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

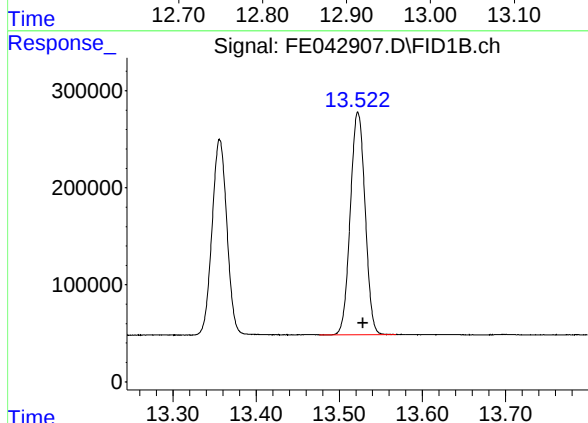
R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 3352531
Conc: 18.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



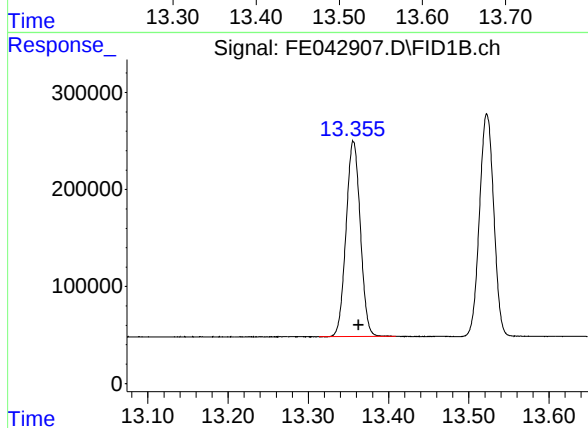
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.006 min
Response: 2914499
Conc: 18.37 ug/ml



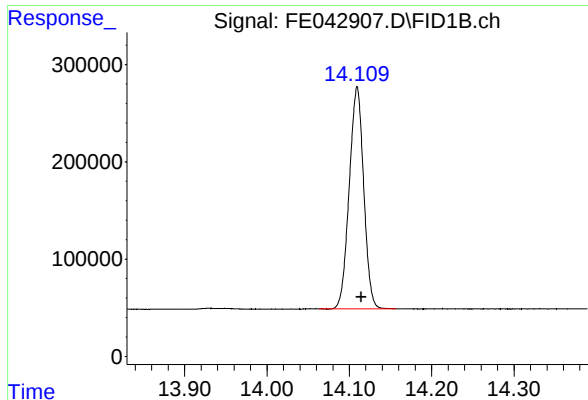
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: -0.006 min
Response: 2829965
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

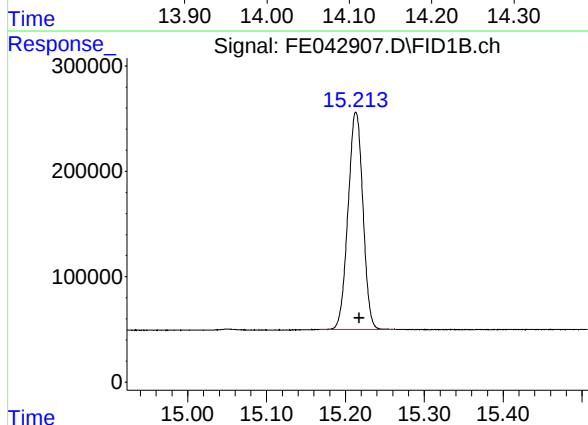
R.T.: 13.356 min
Delta R.T.: -0.006 min
Response: 2487743
Conc: 18.28 ug/ml



#13 n-Docosane (C22)

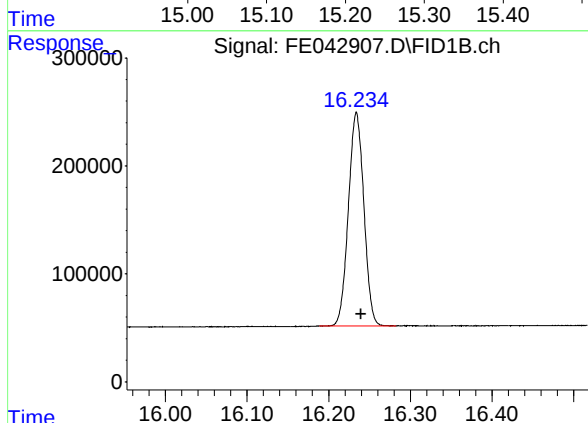
R.T.: 14.110 min
Delta R.T.: -0.005 min
Response: 2780774
Conc: 18.25 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



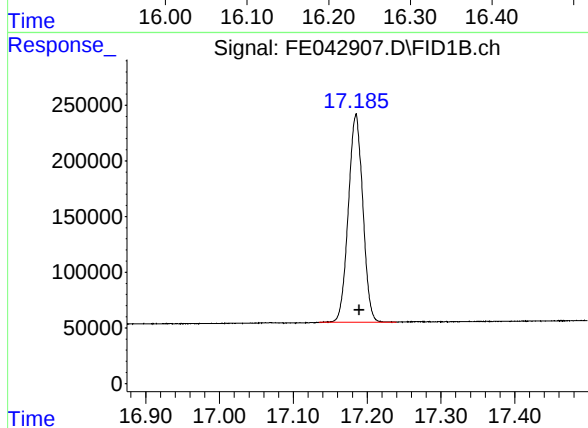
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.004 min
Response: 2703190
Conc: 18.22 ug/ml



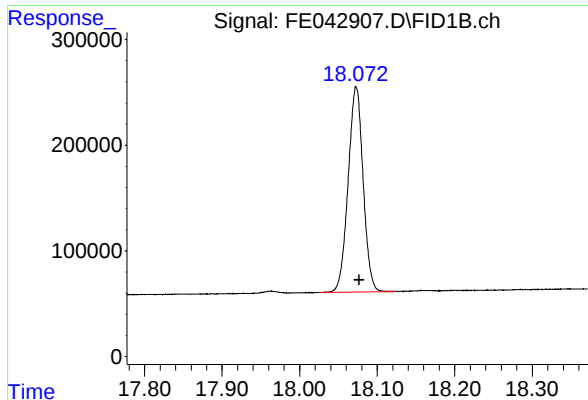
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.006 min
Response: 2604678
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

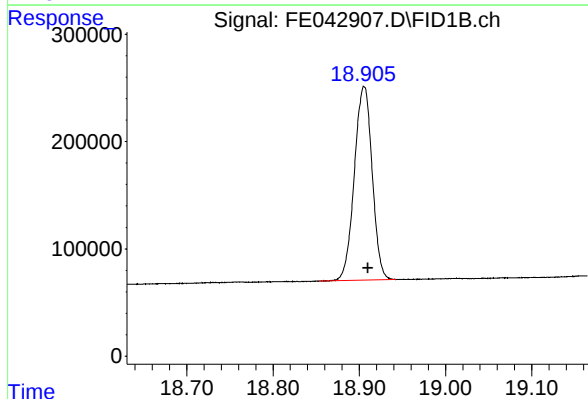
R.T.: 17.185 min
Delta R.T.: -0.005 min
Response: 2546946
Conc: 18.36 ug/ml



#17 n-Tricontane (C30)

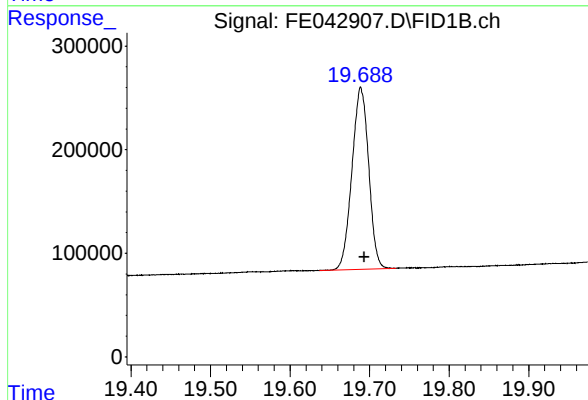
R.T.: 18.073 min
Delta R.T.: -0.004 min
Response: 2608393
Conc: 18.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



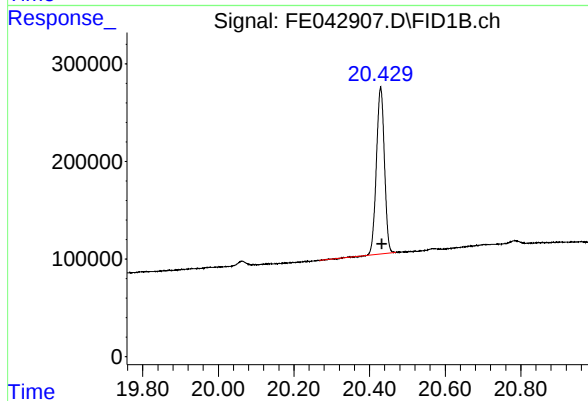
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.004 min
Response: 2593289
Conc: 18.49 ug/ml



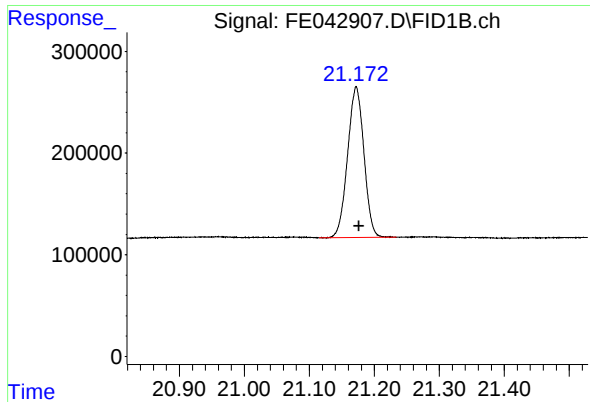
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.004 min
Response: 2564858
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

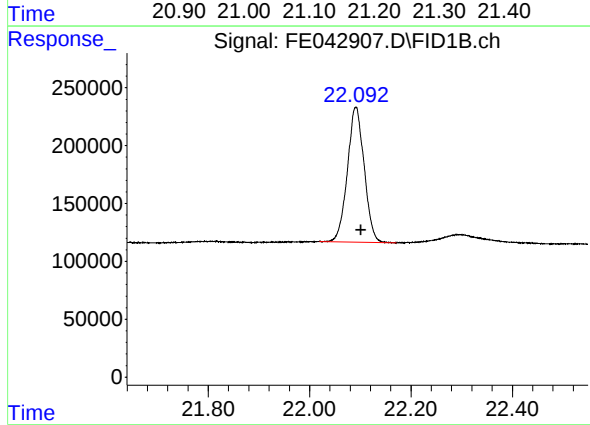
R.T.: 20.429 min
Delta R.T.: -0.004 min
Response: 2525753
Conc: 18.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.004 min
Response: 2588627
Conc: 18.99 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.010 min
Response: 2681533
Conc: 19.27 ug/ml