

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062323AL\
 Data File : FE042848.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2023 18:17
 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 24 03:59:33 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)	11.919	3352360	18.249 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	13.356	2482715	18.243 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.298	2824493	18.285 ug/ml
2) T n-Decane (C10)	4.551	2872110	18.183 ug/ml
3) T A~Naphthalene (C11.7)	6.259	3113400	18.387 ug/ml
4) T n-Dodecane (C12)	6.720	2913812	18.204 ug/ml
5) T A~2-methylnaphthalene...	7.357	2974489	18.346 ug/ml
6) T n-Tetradecane (C14)	8.549	2897728	18.207 ug/ml
7) T n-Hexadecane (C16)	10.156	2998924	18.209 ug/ml
8) T n-Octadecane (C18)	11.600	3026865	18.210 ug/ml
10) T n-Eicosane (C20)	12.910	2895468	18.247 ug/ml
11) T n-Heneicosane (C21)	13.522	2827023	18.273 ug/ml
13) T n-Docosane (C22)	14.108	2782031	18.263 ug/ml
14) T n-Tetracosane (C24)	15.210	2698745	18.189 ug/ml
15) T n-Hexacosane (C26)	16.232	2588846	18.109 ug/ml
16) T n-Octacosane (C28)	17.182	2487681	17.936 ug/ml
17) T n-Tricontane (C30)	18.069	2507425	17.729 ug/ml
18) T n-Dotriacontane (C32)	18.901	2468064	17.596 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2432774	17.777 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2386657	17.846 ug/ml
21) T n-Octatriacontane (C38)	21.168	2415195	17.714 ug/ml
22) T n-Tetracontane (C40)	22.084	2582793	18.564 ug/ml

(f)=RT Delta > 1/2 Window

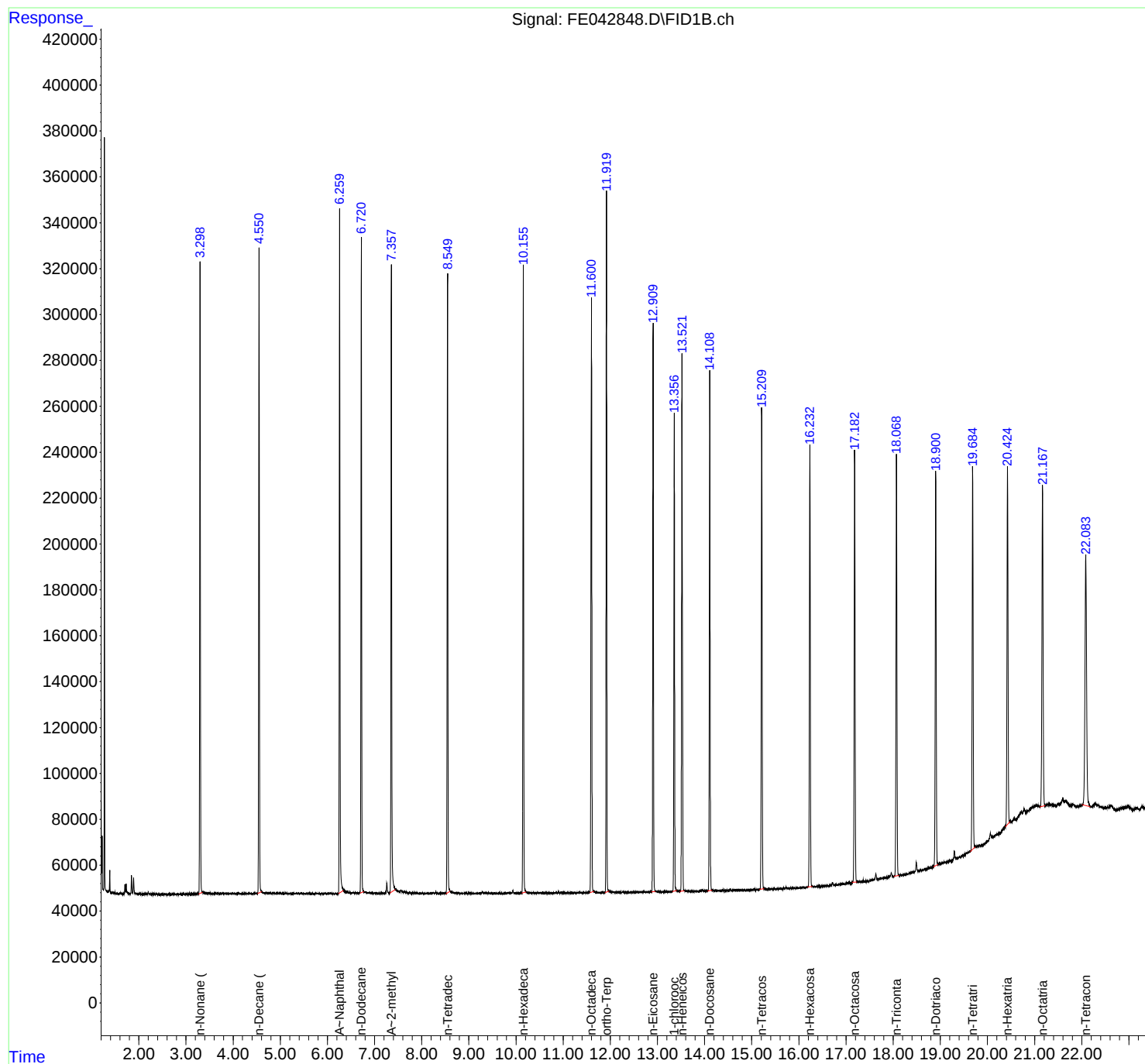
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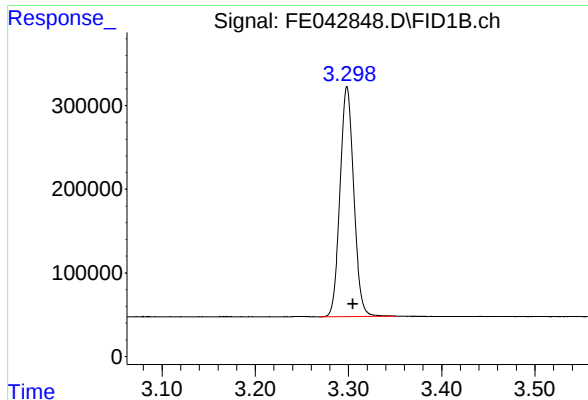
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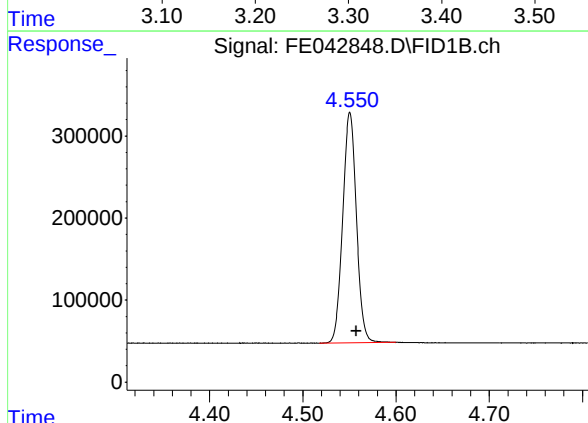




#1 n-Nonane (C9)

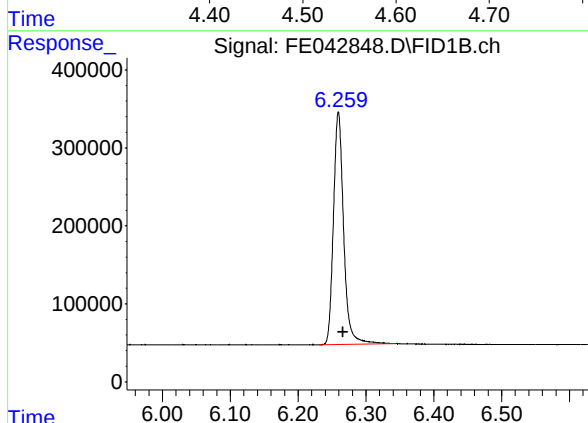
R.T.: 3.298 min
Delta R.T.: -0.007 min
Response: 2824493
Conc: 18.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



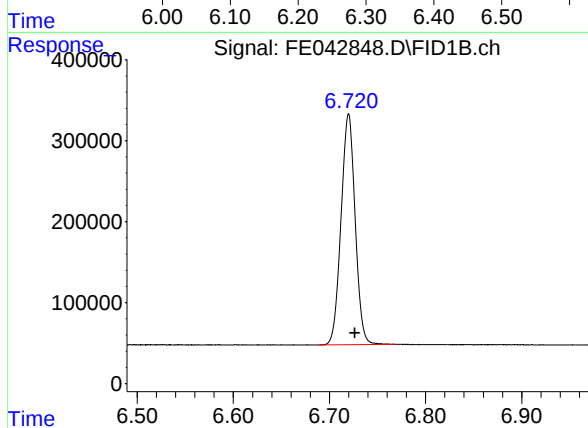
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 2872110
Conc: 18.18 ug/ml



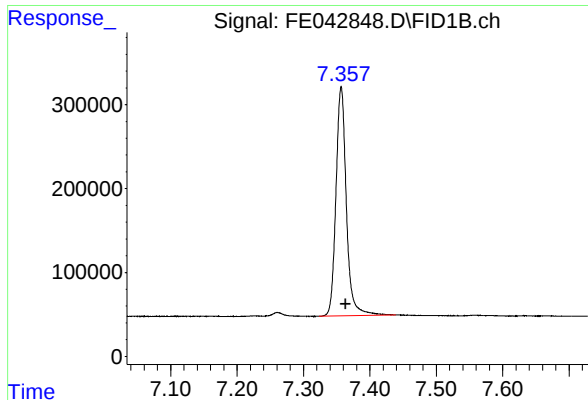
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: -0.007 min
Response: 3113400
Conc: 18.39 ug/ml



#4 n-Dodecane (C12)

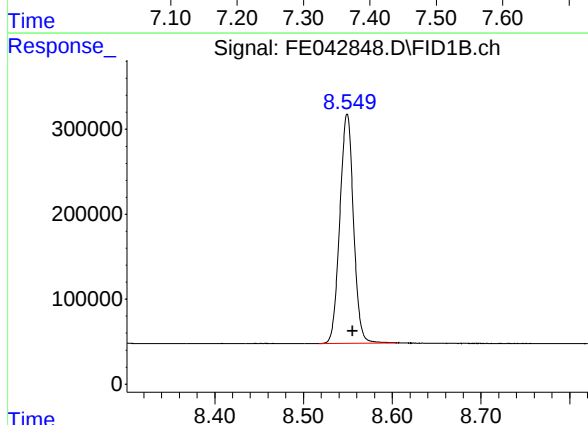
R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 2913812
Conc: 18.20 ug/ml



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

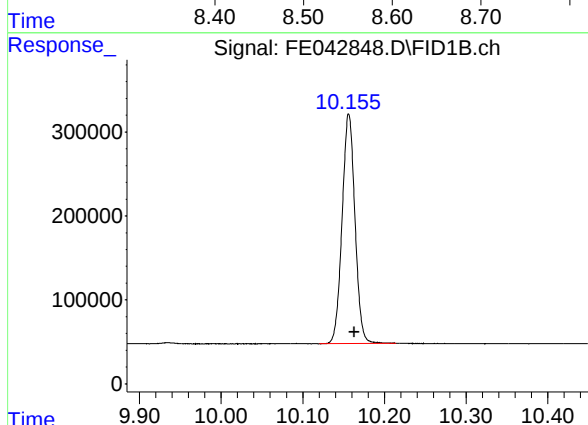
R.T.: 7.357 min
Delta R.T.: -0.007 min
Response: 2974489
Conc: 18.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



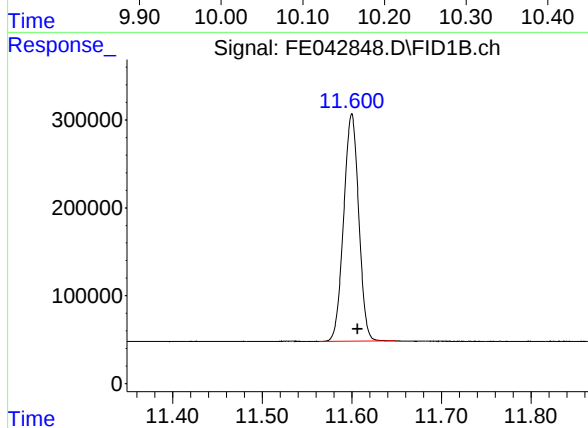
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.006 min
Response: 2897728
Conc: 18.21 ug/ml



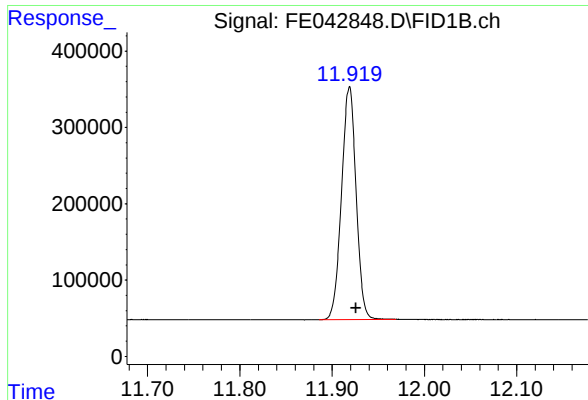
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.007 min
Response: 2998924
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

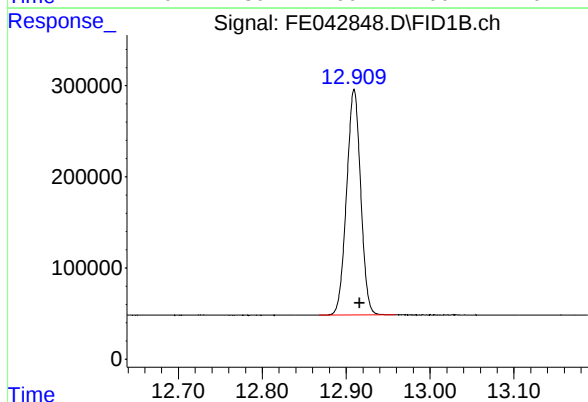
R.T.: 11.600 min
Delta R.T.: -0.007 min
Response: 3026865
Conc: 18.21 ug/ml



#9 ortho-Terphenyl (SURR)

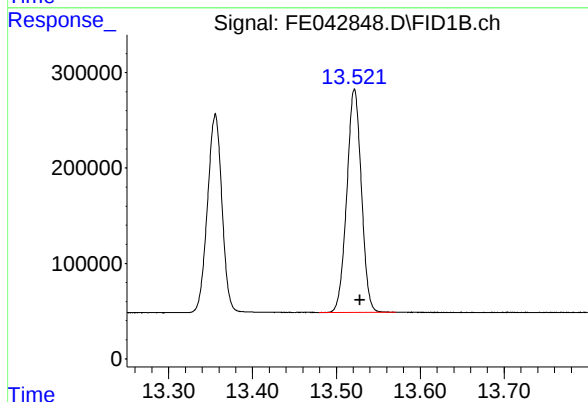
R.T.: 11.919 min
Delta R.T.: -0.007 min
Response: 3352360
Conc: 18.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



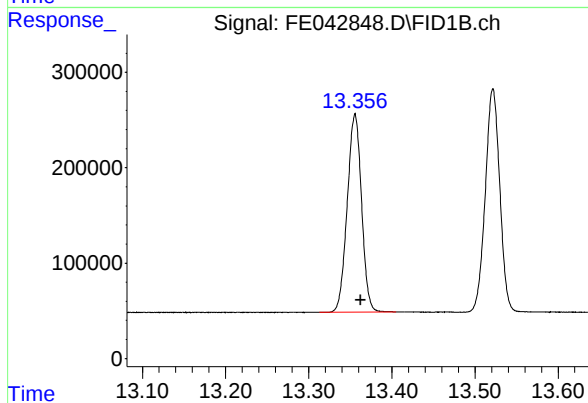
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: -0.007 min
Response: 2895468
Conc: 18.25 ug/ml



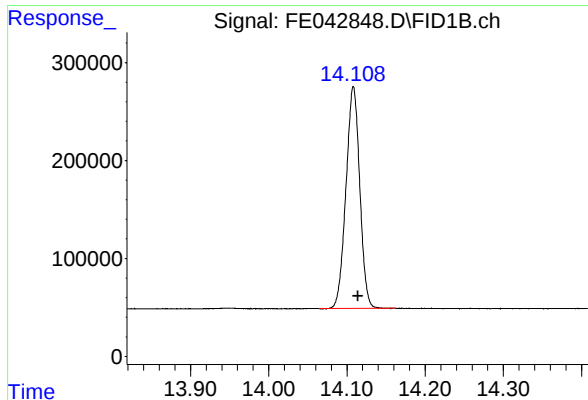
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: -0.007 min
Response: 2827023
Conc: 18.27 ug/ml



#12 1-chlorooctadecane (SURR)

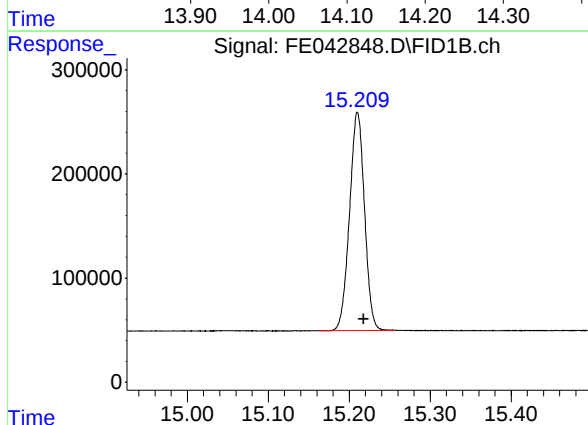
R.T.: 13.356 min
Delta R.T.: -0.007 min
Response: 2482715
Conc: 18.24 ug/ml



#13 n-Docosane (C22)

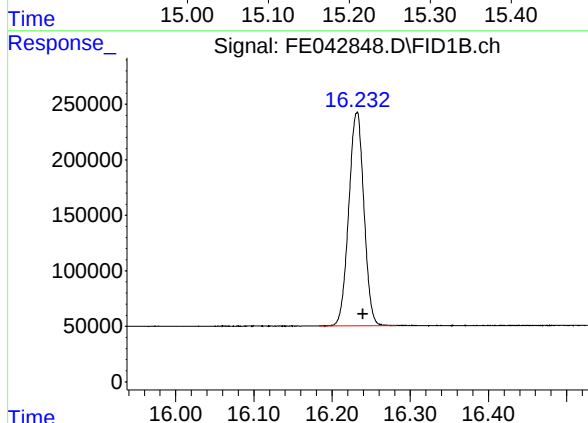
R.T.: 14.108 min
Delta R.T.: -0.006 min
Response: 2782031
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



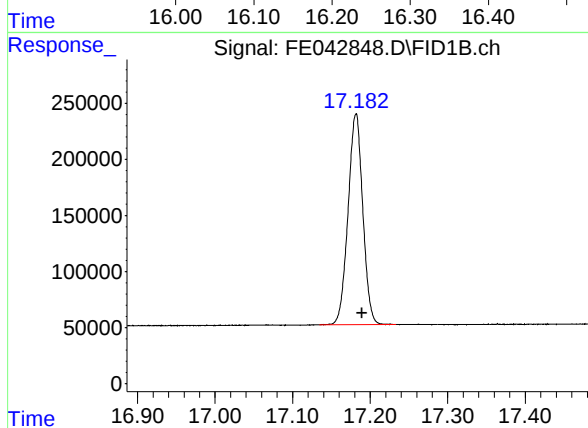
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.008 min
Response: 2698745
Conc: 18.19 ug/ml



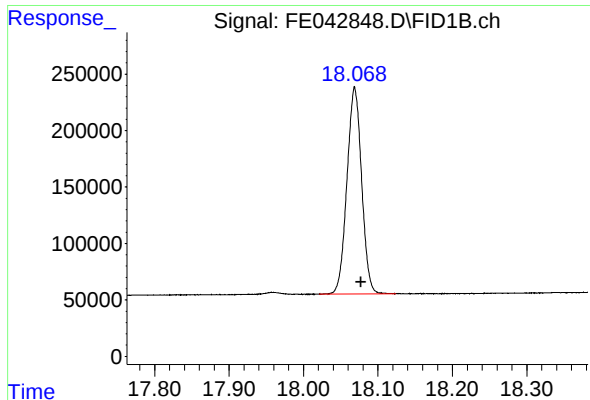
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.008 min
Response: 2588846
Conc: 18.11 ug/ml



#16 n-Octacosane (C28)

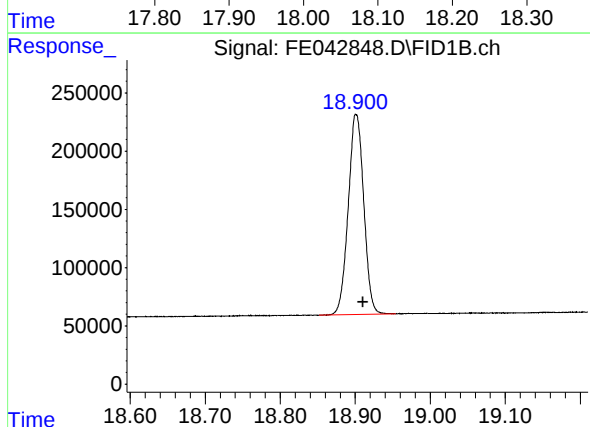
R.T.: 17.182 min
Delta R.T.: -0.008 min
Response: 2487681
Conc: 17.94 ug/ml



#17 n-Tricontane (C30)

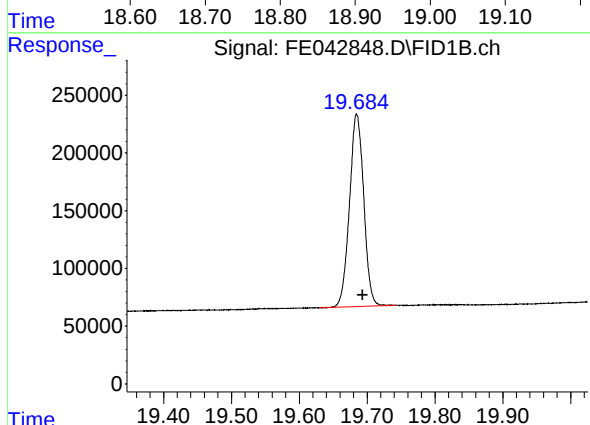
R.T.: 18.069 min
Delta R.T.: -0.008 min
Response: 2507425
Conc: 17.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



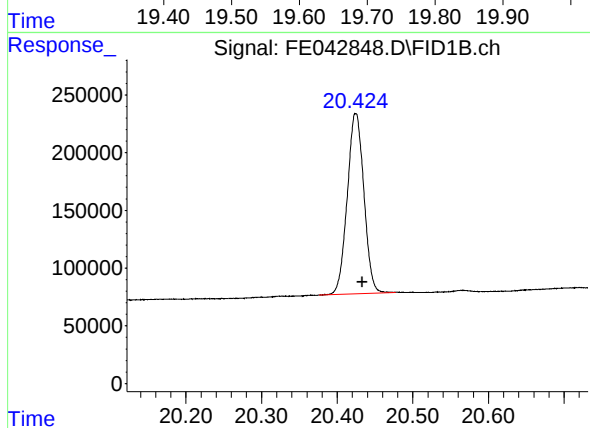
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.009 min
Response: 2468064
Conc: 17.60 ug/ml



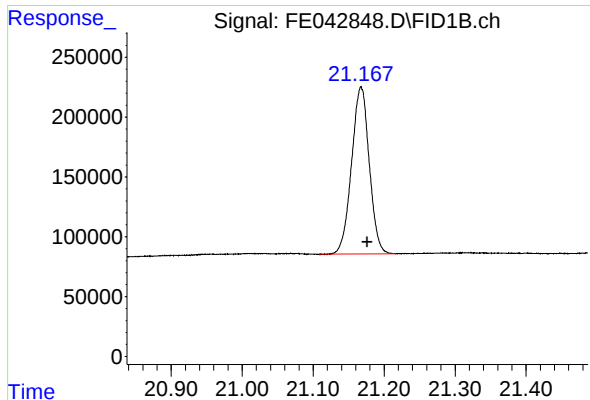
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.009 min
Response: 2432774
Conc: 17.78 ug/ml



#20 n-Hexatriacontane (C36)

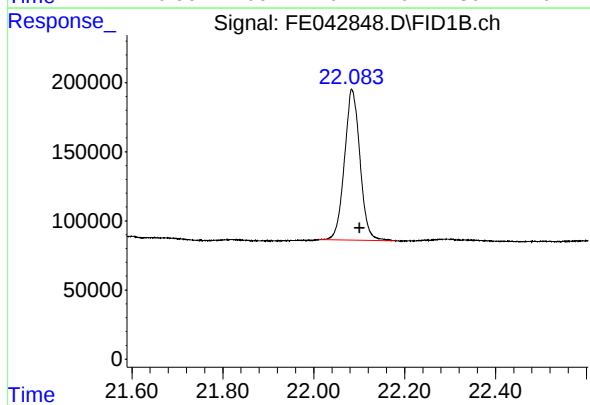
R.T.: 20.425 min
Delta R.T.: -0.009 min
Response: 2386657
Conc: 17.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.009 min
Response: 2415195
Conc: 17.71 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.018 min
Response: 2582793
Conc: 18.56 ug/ml