

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040173.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 03:09
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 02 04:52:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:44:16 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)	11.895	820526	5.069 ug/ml
Spiked Amount 50.000		Recovery =	10.14%
12) S 1-chlorooctadecane (S...	13.333	620916	5.006 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
Target Compounds			
1) T n-Nonane (C9)	3.292	669489	4.919 ug/ml
2) T n-Decane (C10)	4.541	642201	4.833 ug/ml
3) T A~Naphthalene (C11.7)	6.246	655814	4.481 ug/ml
4) T n-Dodecane (C12)	6.705	648736	4.818 ug/ml
5) T A~2-methylnaphthalene...	7.341	571976	4.226 ug/ml
6) T n-Tetradecane (C14)	8.531	670742	4.867 ug/ml
7) T n-Hexadecane (C16)	10.138	705574	4.916 ug/ml
8) T n-Octadecane (C18)	11.580	749240	5.037 ug/ml
10) T n-Eicosane (C20)	12.889	754981	5.135 ug/ml
11) T n-Heneicosane (C21)	13.501	756840	5.131 ug/ml
13) T n-Docosane (C22)	14.088	784101	5.292 ug/ml
14) T n-Tetracosane (C24)	15.191	852169	5.614 ug/ml
15) T n-Hexacosane (C26)	16.213	851088	5.741 ug/ml
16) T n-Octacosane (C28)	17.163	908584	6.063 ug/ml
17) T n-Tricontane (C30)	18.050	917804	6.220 ug/ml
18) T n-Dotriacontane (C32)	18.883	919577	6.279 ug/ml
19) T n-Tetratriacontane (C34)	19.668	806557	5.864 ug/ml
20) T n-Hexatriacontane (C36)	20.409	744295	5.611 ug/ml
21) T n-Octatriacontane (C38)	21.141	705367	5.437 ug/ml
22) T n-Tetracontane (C40)	22.039	710503	5.351 ug/ml

(f)=RT Delta > 1/2 Window

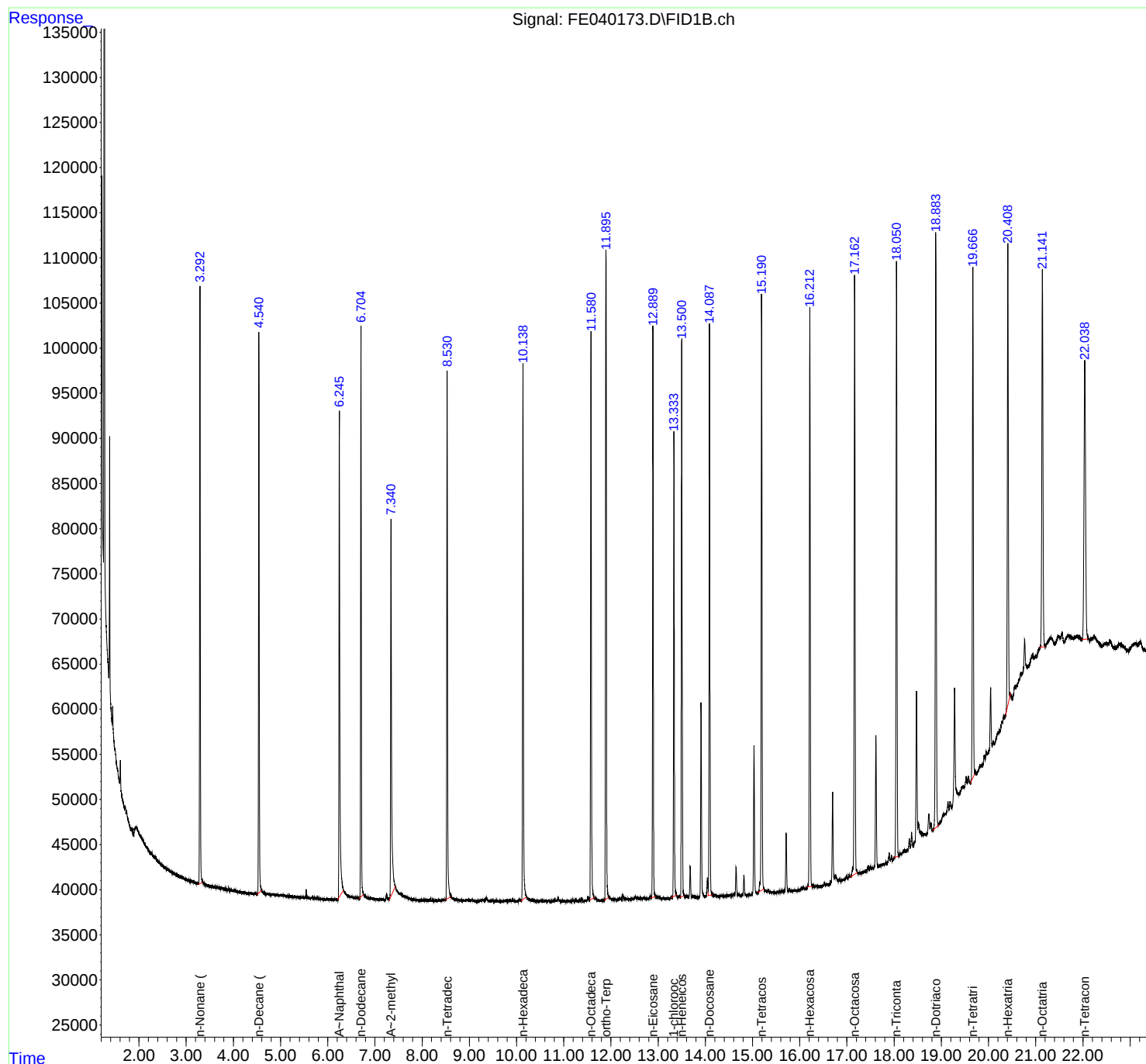
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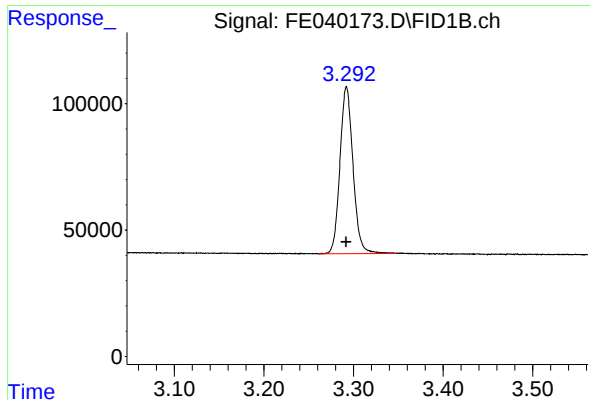
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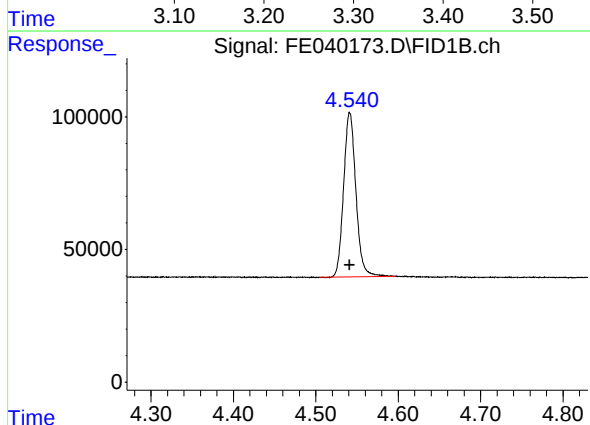




#1 n-Nonane (C9)

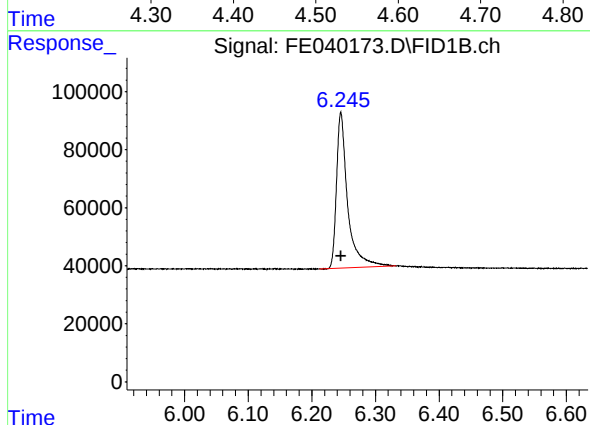
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 669489
Conc: 4.92 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



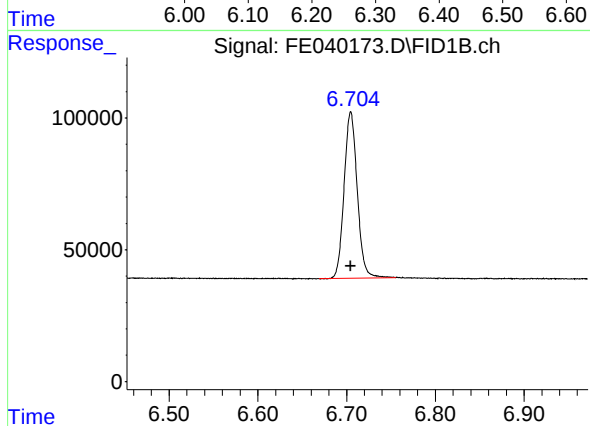
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 642201
Conc: 4.83 ug/ml



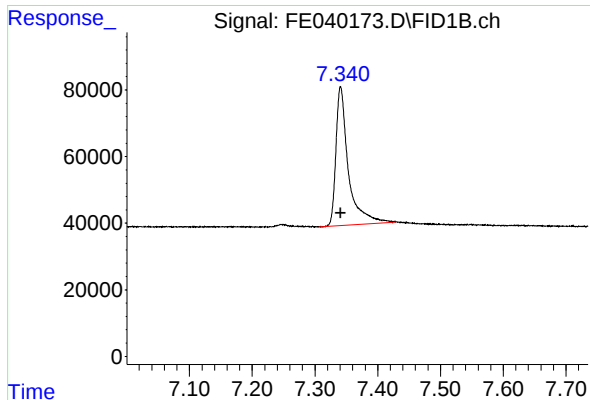
#3 A~Naphthalene (C11.7)

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 655814
Conc: 4.48 ug/ml



#4 n-Dodecane (C12)

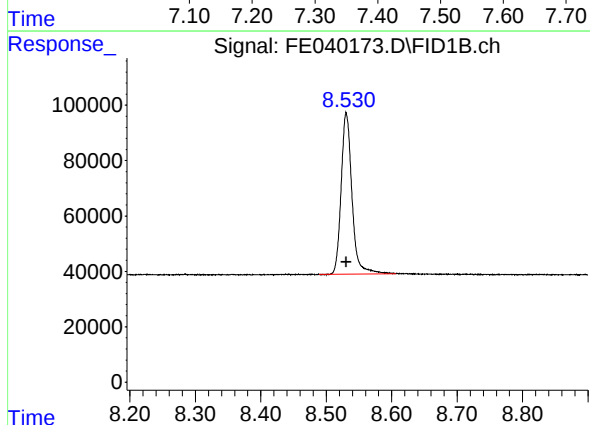
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 648736
Conc: 4.82 ug/ml



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

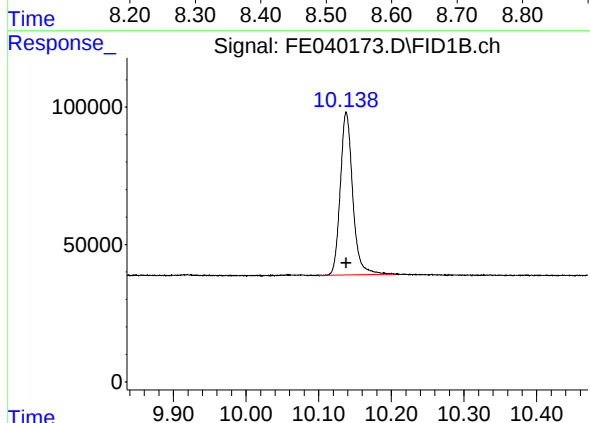
R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 571976
Conc: 4.23 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



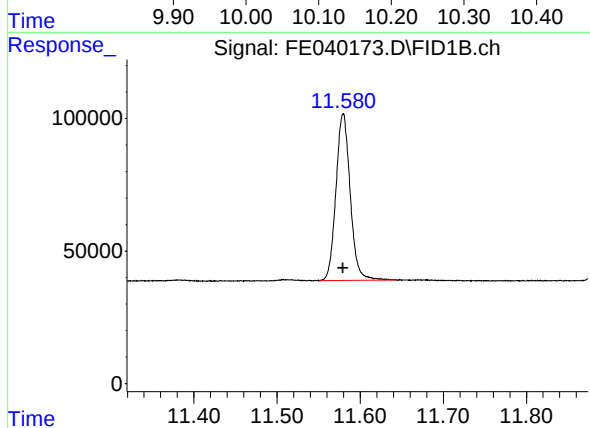
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 670742
Conc: 4.87 ug/ml



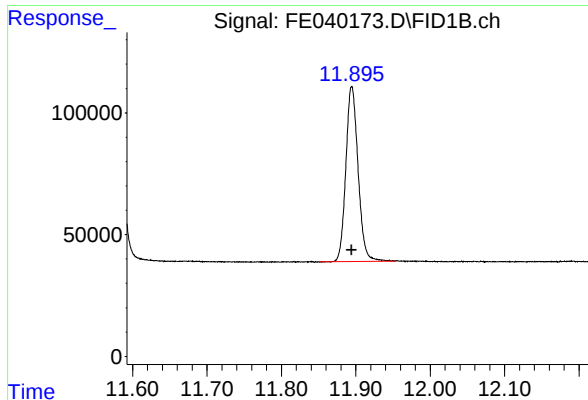
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 705574
Conc: 4.92 ug/ml



#8 n-Octadecane (C18)

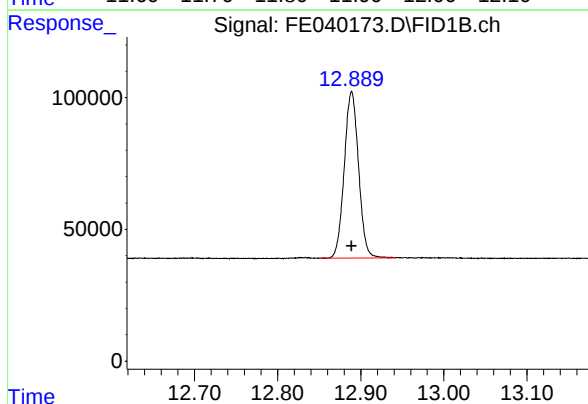
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 749240
Conc: 5.04 ug/ml



#9 ortho-Terphenyl (SURR)

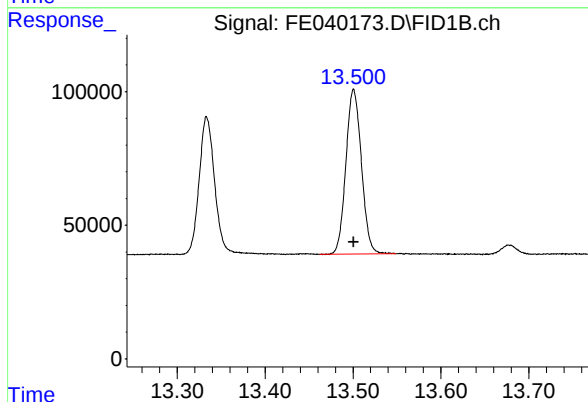
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 820526
Conc: 5.07 ug/ml

Instrument :
FID_E
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5 PPM ALIPHATIC HC STD5



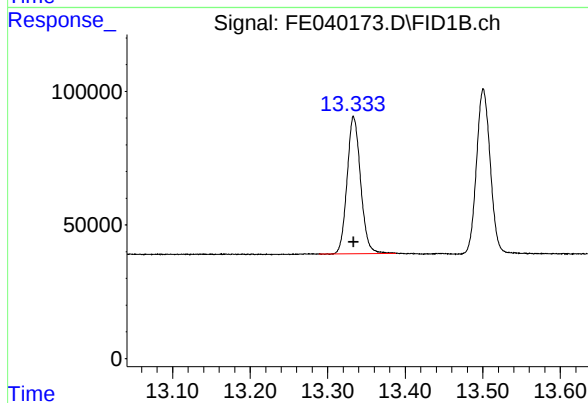
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 754981
Conc: 5.14 ug/ml



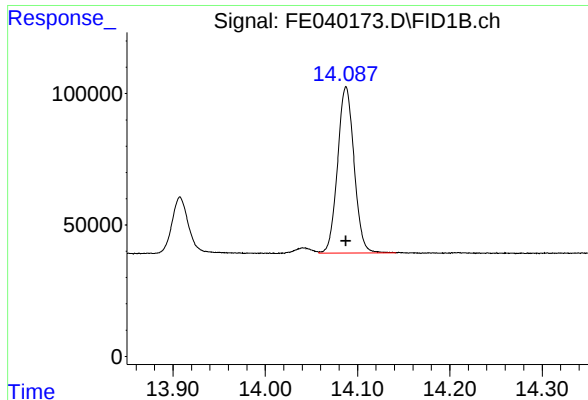
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: 0.000 min
Response: 756840
Conc: 5.13 ug/ml



#12 1-chlorooctadecane (SURR)

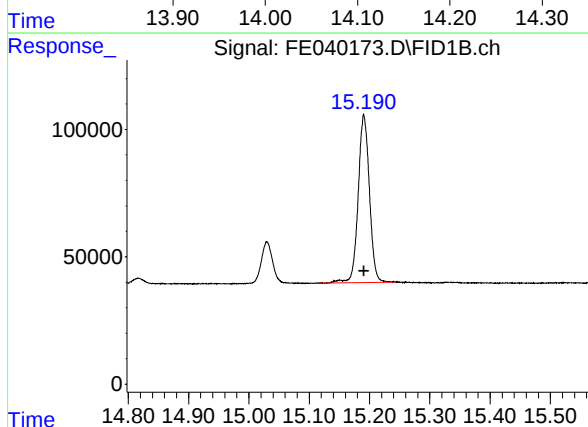
R.T.: 13.333 min
Delta R.T.: 0.000 min
Response: 620916
Conc: 5.01 ug/ml



#13 n-Docosane (C22)

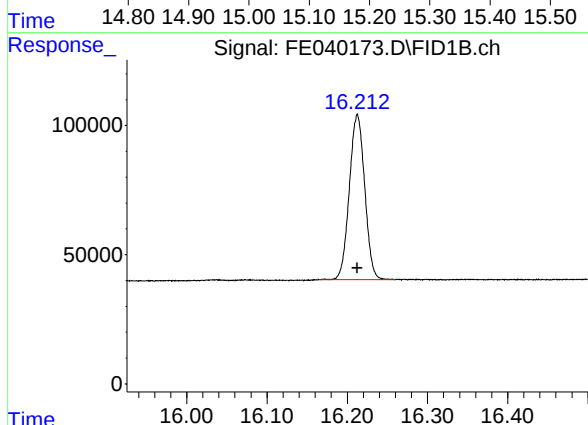
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 784101
Conc: 5.29 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



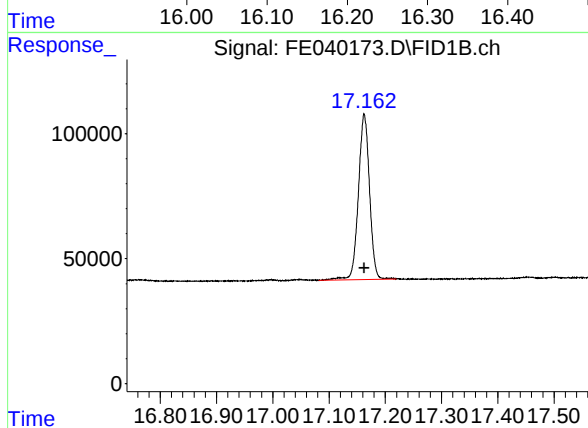
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 852169
Conc: 5.61 ug/ml



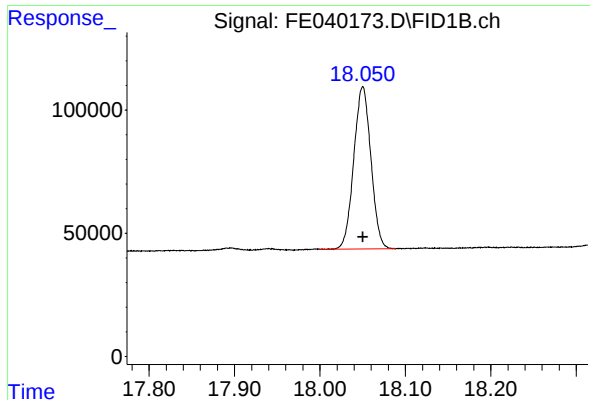
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.000 min
Response: 851088
Conc: 5.74 ug/ml



#16 n-Octacosane (C28)

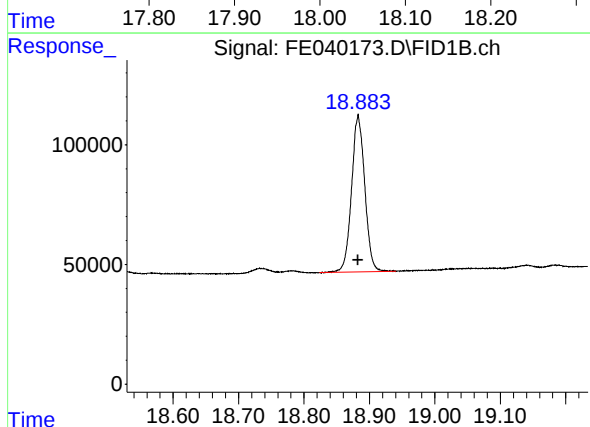
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 908584
Conc: 6.06 ug/ml



#17 n-Tricontane (C30)

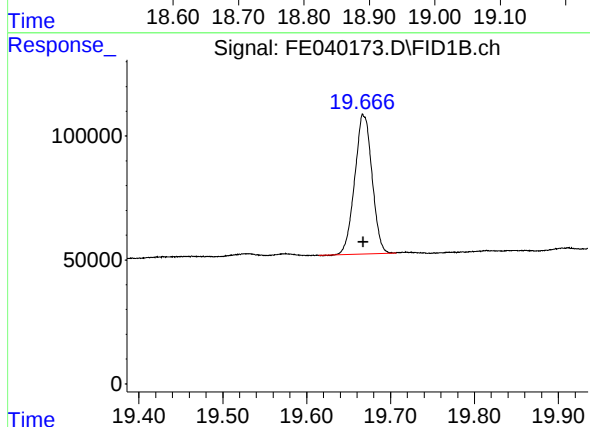
R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 917804
Conc: 6.22 ug/ml

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5 PPM ALIPHATIC HC STD5



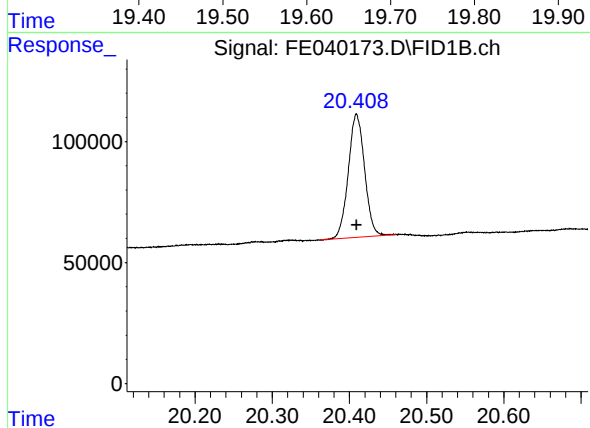
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: 0.000 min
Response: 919577
Conc: 6.28 ug/ml



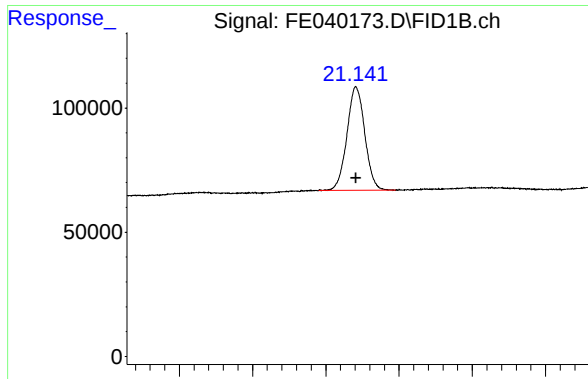
#19 n-Tetatriacontane (C34)

R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 806557
Conc: 5.86 ug/ml



#20 n-Hexatriacontane (C36)

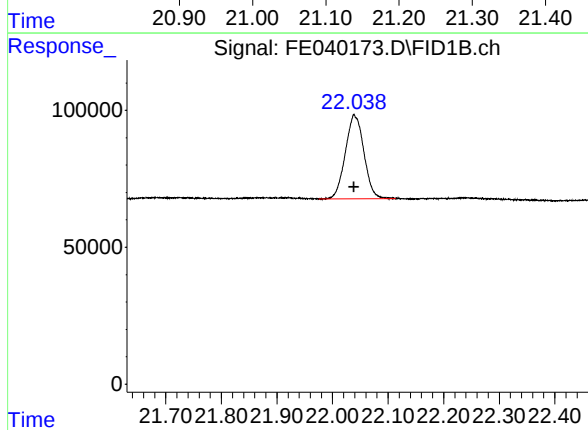
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 744295
Conc: 5.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 705367
Conc: 5.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 710503
Conc: 5.35 ug/ml