

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091825AL\
 Data File : FE055888.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2025 08:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 18 11:15:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.079	3277250	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.516	2499164	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	3.412	2101348	16.559 ug/ml
2) T n-Decane (C10)	4.671	2260184	17.644 ug/ml
3) T A~Naphthalene (C11.7)	6.393	2680491	18.449 ug/ml
4) T n-Dodecane (C12)	6.848	2354938	18.085 ug/ml
5) T A~2-methylnaphthalene...	7.494	2664713	18.946 ug/ml
6) T n-Tetradecane (C14)	8.685	2470356	18.758 ug/ml
7) T n-Hexadecane (C16)	10.301	2721871	19.653 ug/ml
8) T n-Octadecane (C18)	11.752	2954988	20.259 ug/ml
10) T n-Eicosane (C20)	13.067	2958420	20.552 ug/ml
11) T n-Heneicosane (C21)	13.682	2891376	20.241 ug/ml
13) T n-Docosane (C22)	14.271	2901900	20.273 ug/ml
14) T n-Tetracosane (C24)	15.377	2838056	19.614 ug/ml
15) T n-Hexacosane (C26)	16.402	2665669	18.659 ug/ml
16) T n-Octacosane (C28)	17.354	2646022	18.603 ug/ml
17) T n-Tricontane (C30)	18.244	2869236	19.410 ug/ml
18) T n-Dotriacontane (C32)	19.079	3058234	20.836 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2776666	19.653 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2468139	18.704 ug/ml
21) T n-Octatriacontane (C38)	21.385	2547468	19.560 ug/ml
22) T n-Tetracontane (C40)	22.376	2124917	16.570 ug/ml

(f)=RT Delta > 1/2 Window

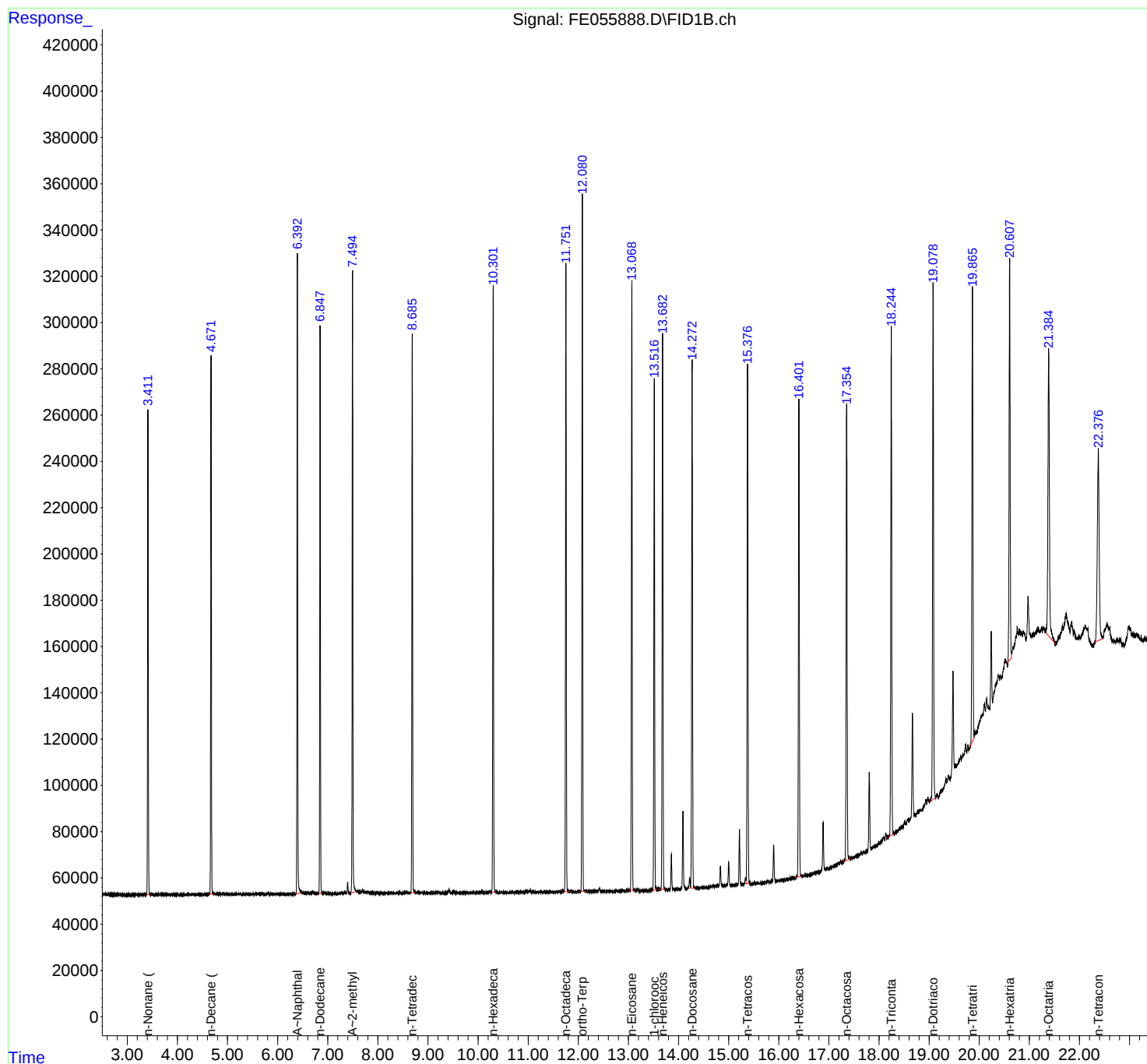
(m)=manual int.

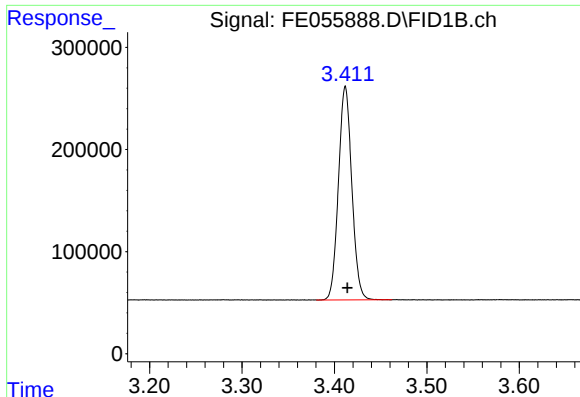
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091825AL\
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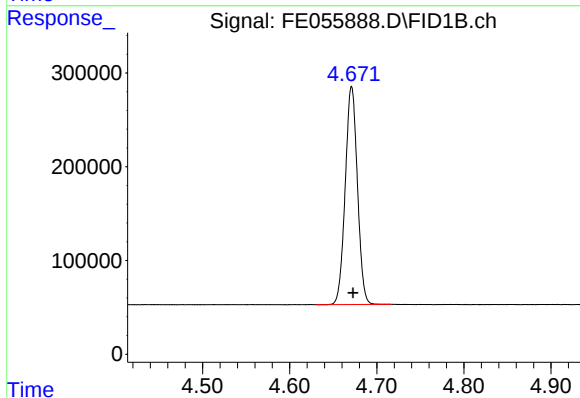




#1 n-Nonane (C9)

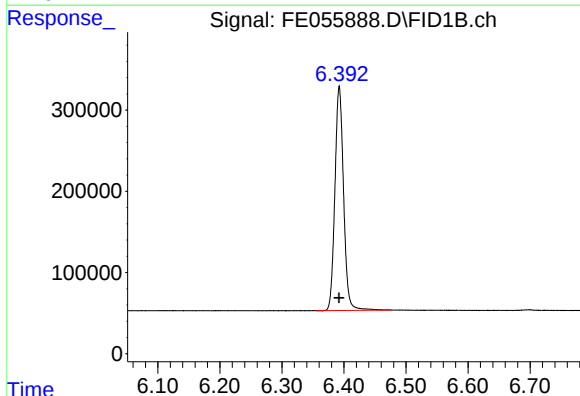
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2101348
Conc: 16.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



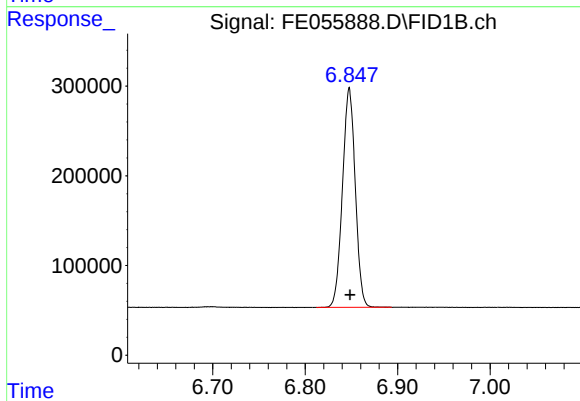
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2260184
Conc: 17.64 ug/ml



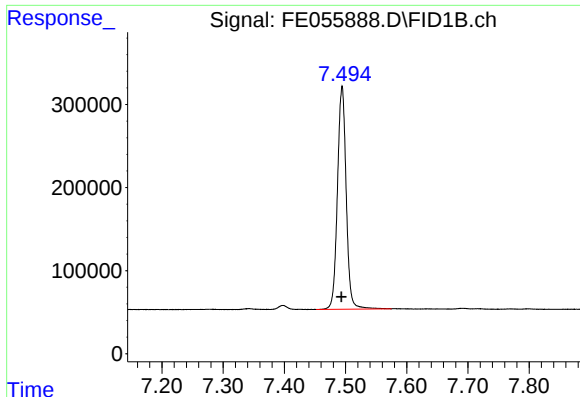
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 2680491
Conc: 18.45 ug/ml



#4 n-Dodecane (C12)

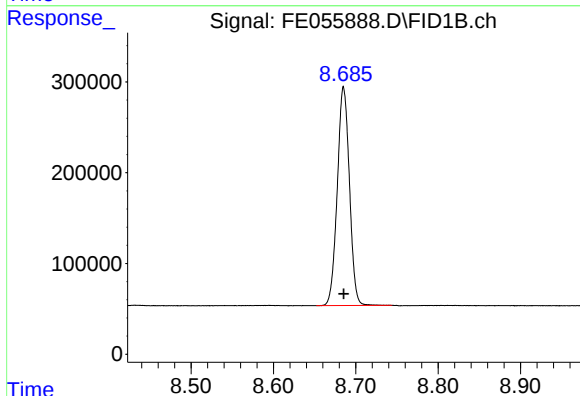
R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2354938
Conc: 18.09 ug/ml



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

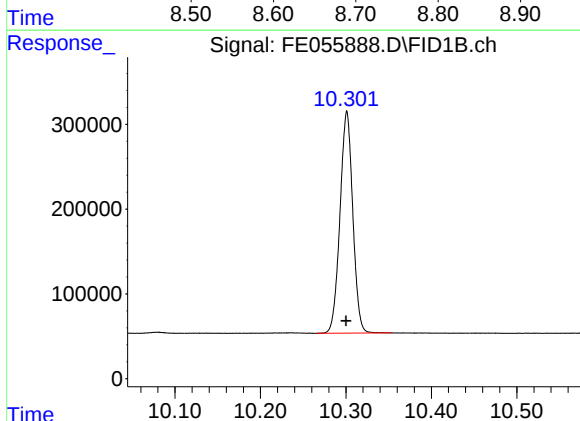
R.T.: 7.494 min
Delta R.T.: 0.001 min
Response: 2664713
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



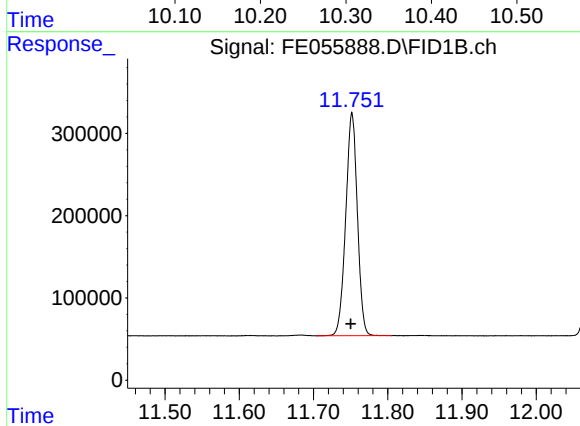
#6 n-Tetradecane (C14)

R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 2470356
Conc: 18.76 ug/ml



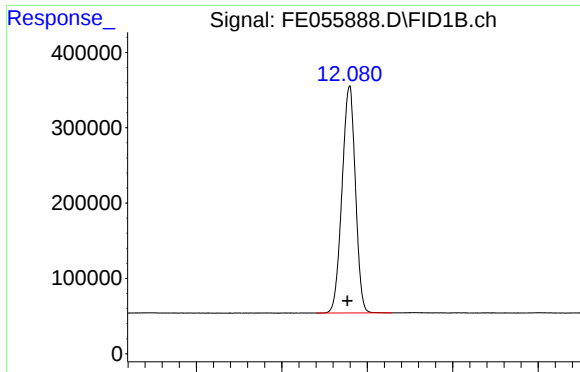
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 2721871
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

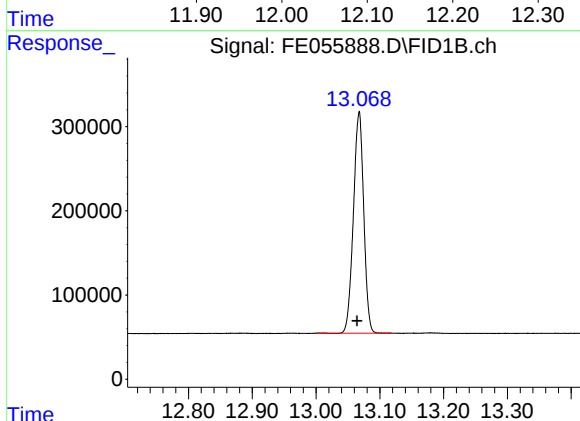
R.T.: 11.752 min
Delta R.T.: 0.002 min
Response: 2954988
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

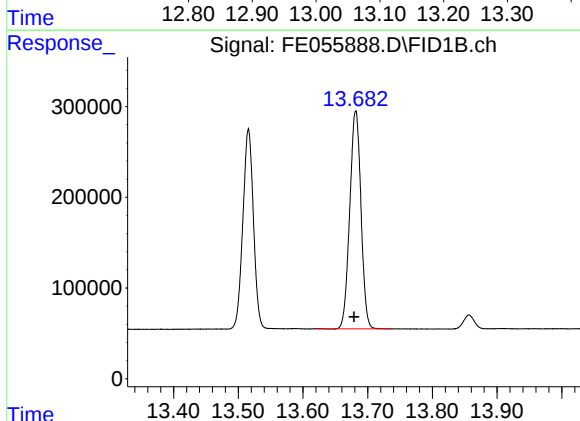
R.T.: 12.079 min
Delta R.T.: 0.002 min
Response: 3277250
Conc: 19.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



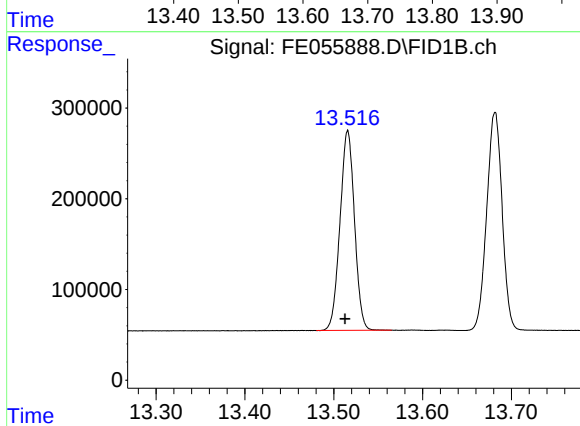
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: 0.003 min
Response: 2958420
Conc: 20.55 ug/ml



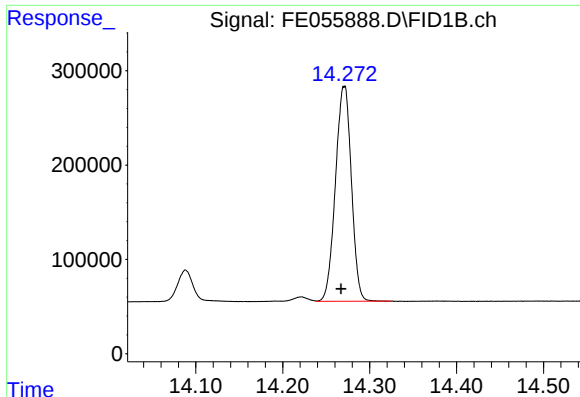
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 2891376
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

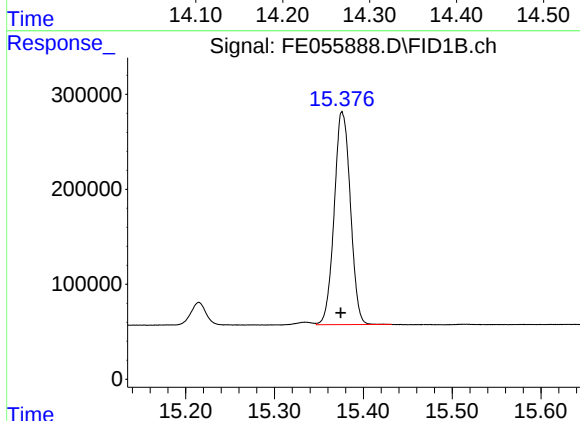
R.T.: 13.516 min
Delta R.T.: 0.003 min
Response: 2499164
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

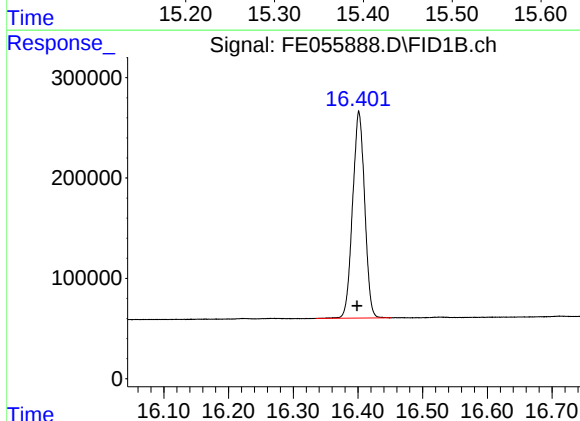
R.T.: 14.271 min
Delta R.T.: 0.003 min
Response: 2901900
Conc: 20.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



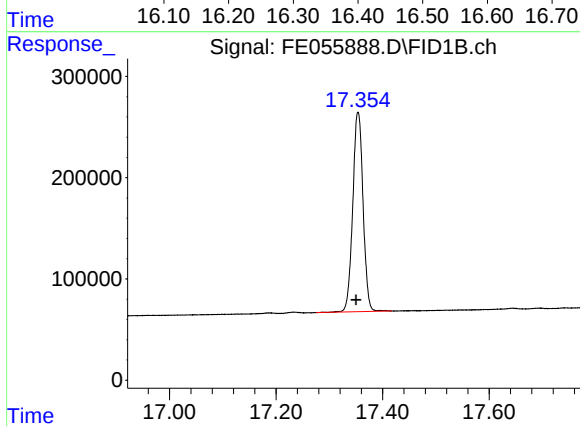
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 2838056
Conc: 19.61 ug/ml



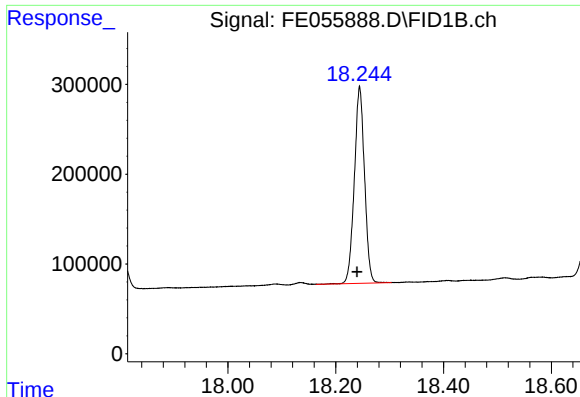
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 2665669
Conc: 18.66 ug/ml



#16 n-Octacosane (C28)

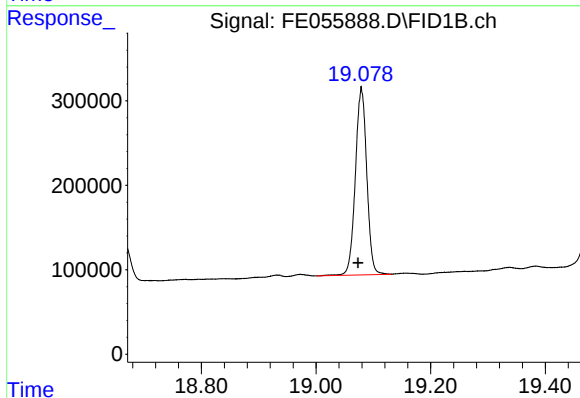
R.T.: 17.354 min
Delta R.T.: 0.004 min
Response: 2646022
Conc: 18.60 ug/ml



#17 n-Tricontane (C30)

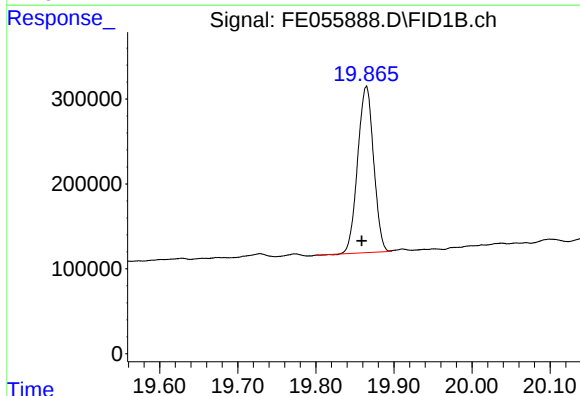
R.T.: 18.244 min
Delta R.T.: 0.005 min
Response: 2869236
Conc: 19.41 ug/ml

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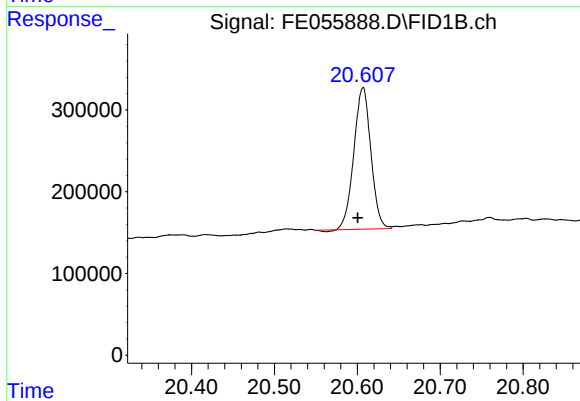
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.005 min
Response: 3058234
Conc: 20.84 ug/ml



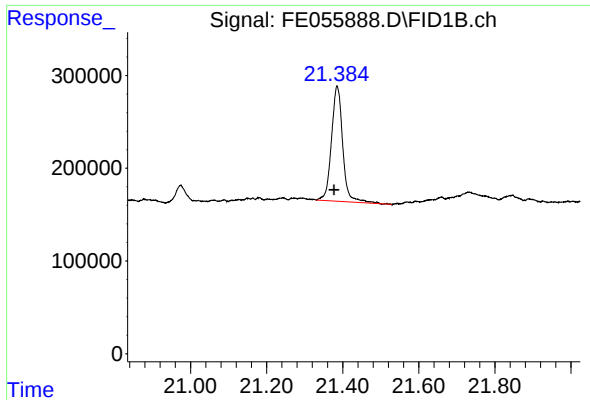
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.006 min
Response: 2776666
Conc: 19.65 ug/ml



#20 n-Hexatriacontane (C36)

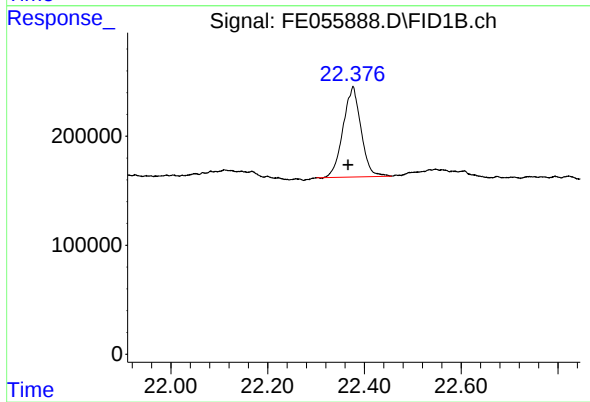
R.T.: 20.607 min
Delta R.T.: 0.006 min
Response: 2468139
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: 0.008 min
Response: 2547468
Conc: 19.56 ug/ml

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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: 0.010 min
Response: 2124917
Conc: 16.57 ug/ml