

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053681.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 22:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 07 03:30:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.864	3534695	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
12) S 1-chlorooctadecane (S...	13.309	2621737	19.395 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.209	2808788	20.487 ug/ml
2) T n-Decane (C10)	4.472	2852669	20.621 ug/ml
3) T A~Naphthalene (C11.7)	6.185	3133349	20.758 ug/ml
4) T n-Dodecane (C12)	6.653	2901532	20.688 ug/ml
5) T A~2-methylnaphthalene...	7.287	3086037	20.670 ug/ml
6) T n-Tetradecane (C14)	8.488	2891423	20.610 ug/ml
7) T n-Hexadecane (C16)	10.102	2913267	20.327 ug/ml
8) T n-Octadecane (C18)	11.549	2915526	20.006 ug/ml
10) T n-Eicosane (C20)	12.863	2859890	19.654 ug/ml
11) T n-Heneicosane (C21)	13.477	2827706	19.522 ug/ml
13) T n-Docosane (C22)	14.065	2789059	19.328 ug/ml
14) T n-Tetracosane (C24)	15.171	2740362	19.078 ug/ml
15) T n-Hexacosane (C26)	16.194	2681251	18.931 ug/ml
16) T n-Octacosane (C28)	17.146	2640948	18.982 ug/ml
17) T n-Tricontane (C30)	18.035	2682525	19.272 ug/ml
18) T n-Dotriacontane (C32)	18.869	2708315	19.724 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2609808	20.030 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2620632	20.758 ug/ml
21) T n-Octatriacontane (C38)	21.128	2727801	22.390 ug/ml
22) T n-Tetracontane (C40)	22.032	2490807	20.857 ug/ml

(f)=RT Delta > 1/2 Window

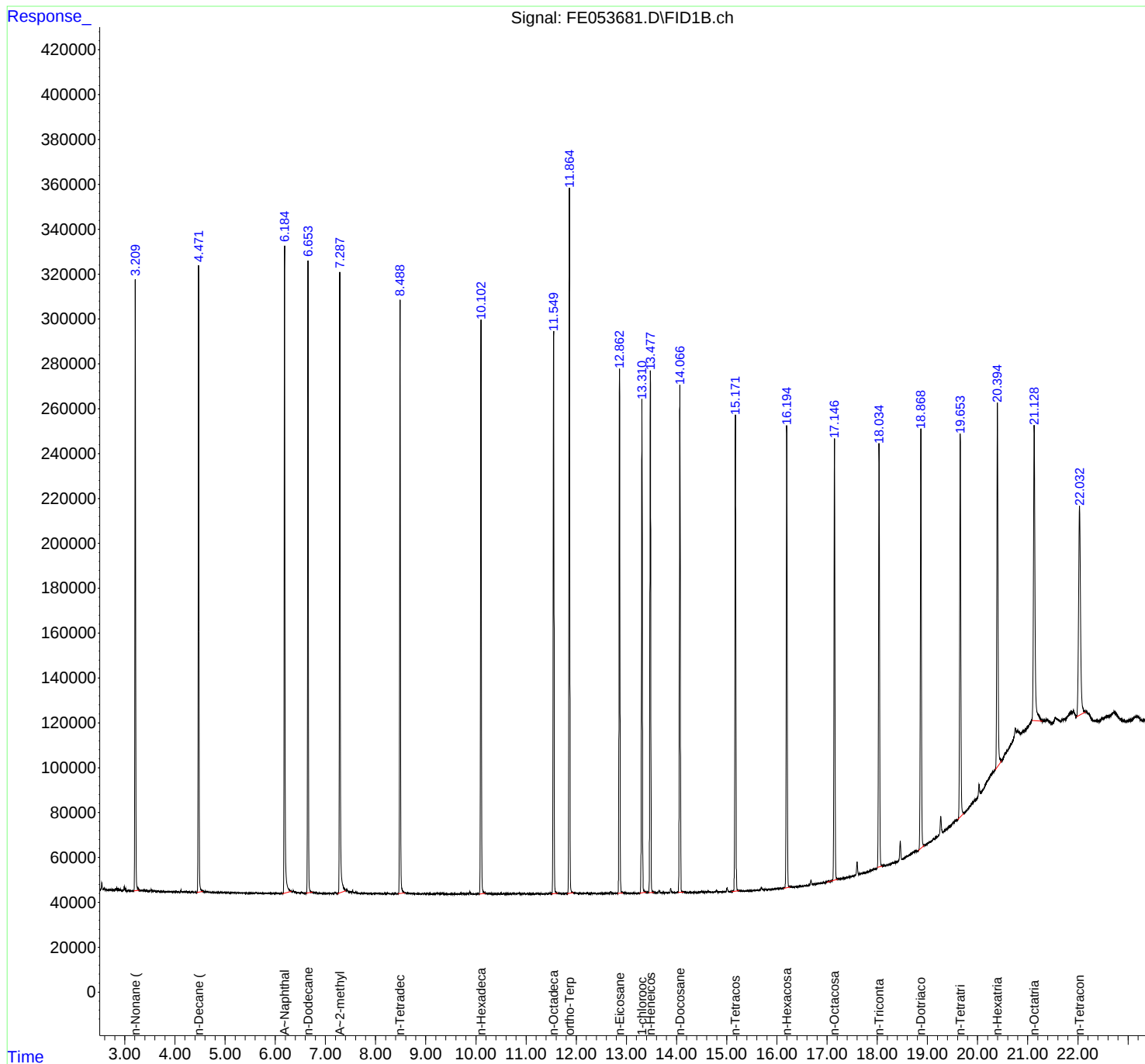
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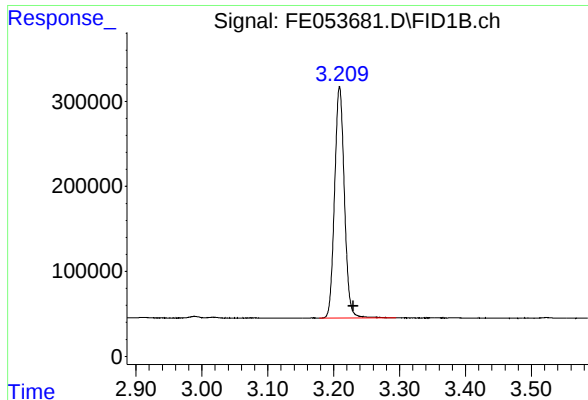
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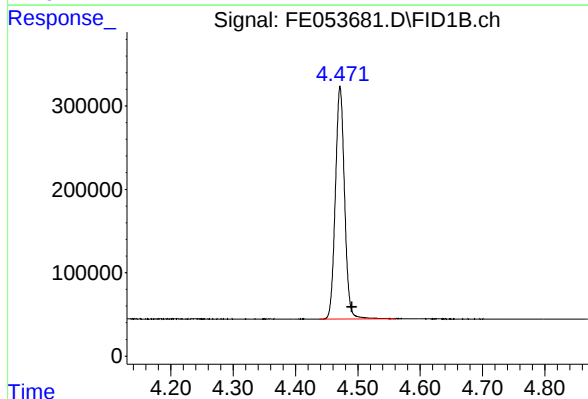




#1 n-Nonane (C9)

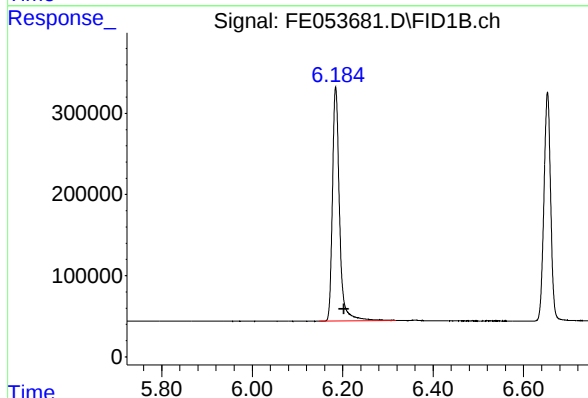
R.T.: 3.209 min
Delta R.T.: -0.021 min
Response: 2808788
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



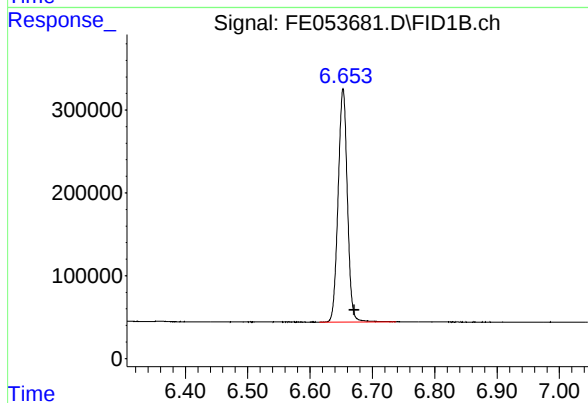
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.019 min
Response: 2852669
Conc: 20.62 ug/ml



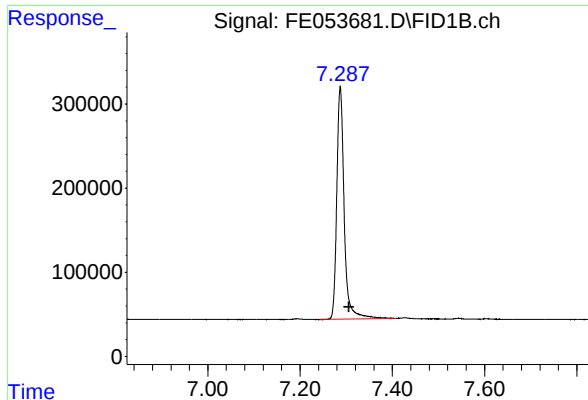
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: -0.019 min
Response: 3133349
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

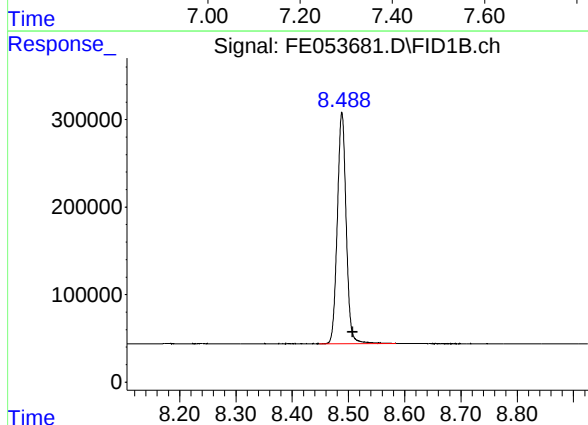
R.T.: 6.653 min
Delta R.T.: -0.018 min
Response: 2901532
Conc: 20.69 ug/ml



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

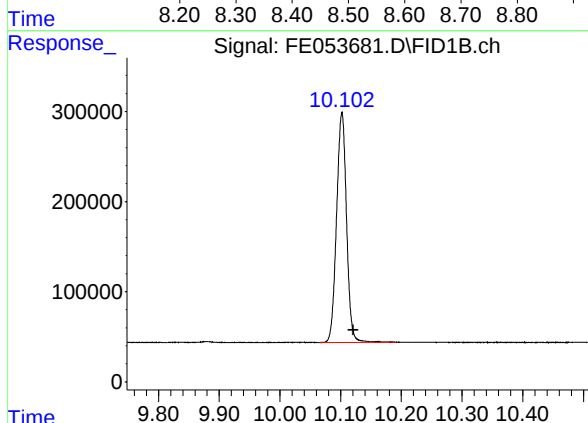
R.T.: 7.287 min
Delta R.T.: -0.018 min
Response: 3086037
Conc: 20.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



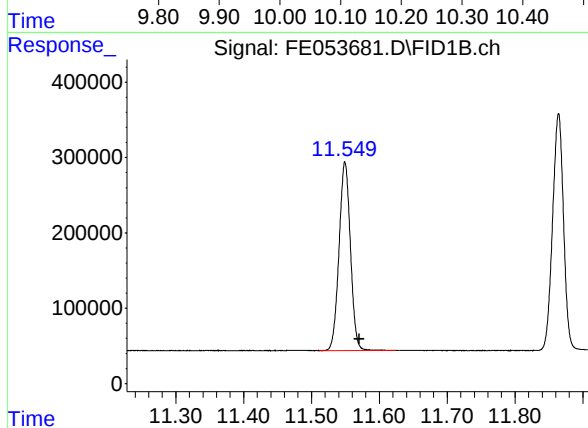
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.019 min
Response: 2891423
Conc: 20.61 ug/ml



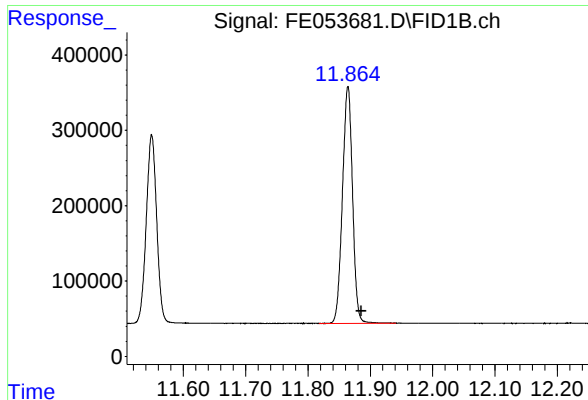
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.019 min
Response: 2913267
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

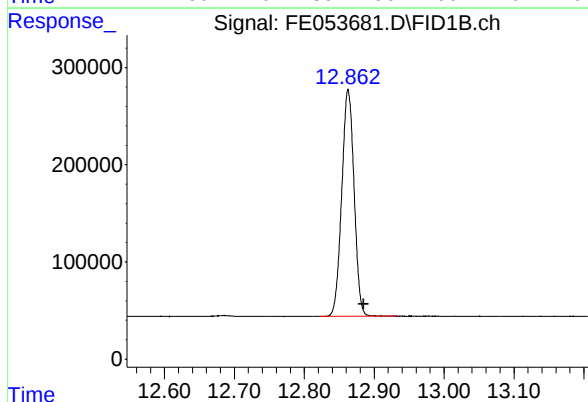
R.T.: 11.549 min
Delta R.T.: -0.021 min
Response: 2915526
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

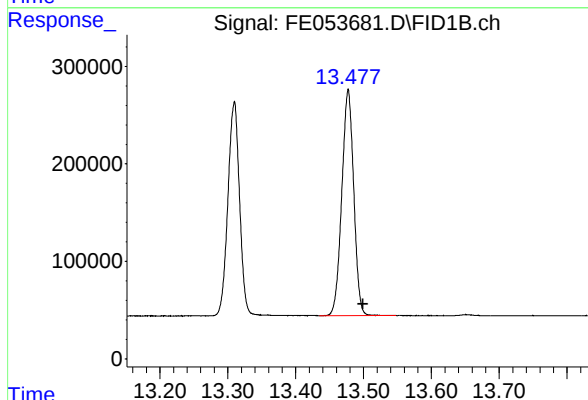
R.T.: 11.864 min
Delta R.T.: -0.022 min
Response: 3534695
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



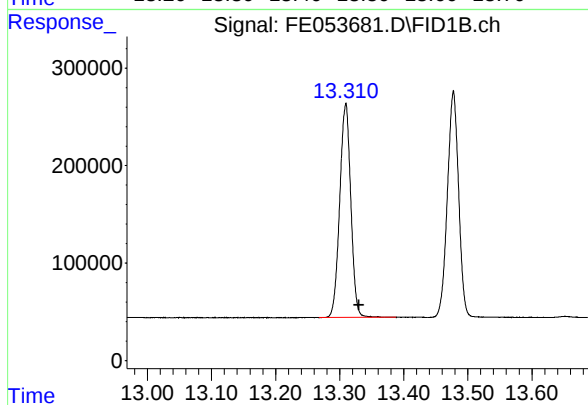
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.022 min
Response: 2859890
Conc: 19.65 ug/ml



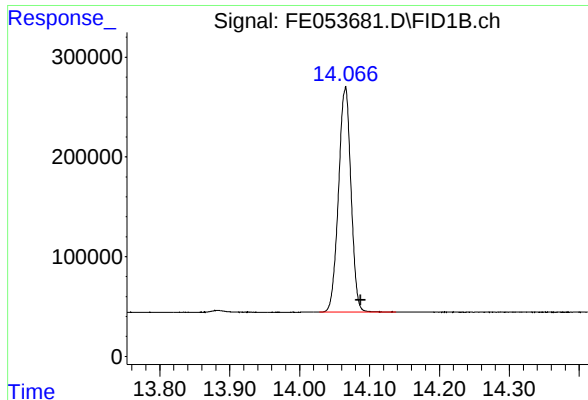
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: -0.022 min
Response: 2827706
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

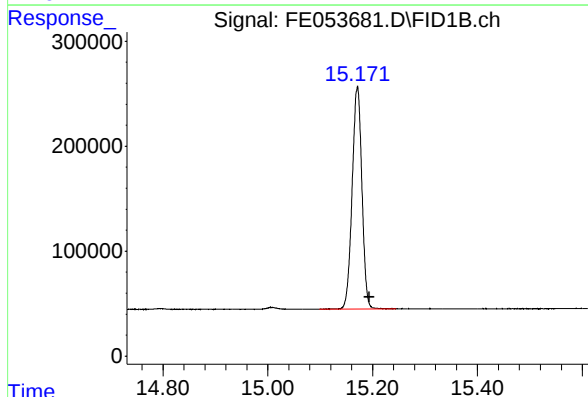
R.T.: 13.309 min
Delta R.T.: -0.021 min
Response: 2621737
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

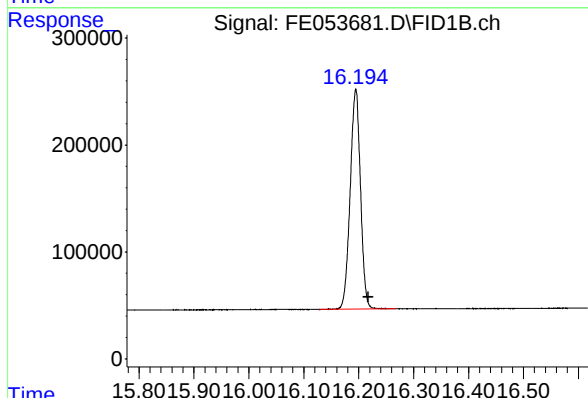
R.T.: 14.065 min
Delta R.T.: -0.022 min
Response: 2789059
Conc: 19.33 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



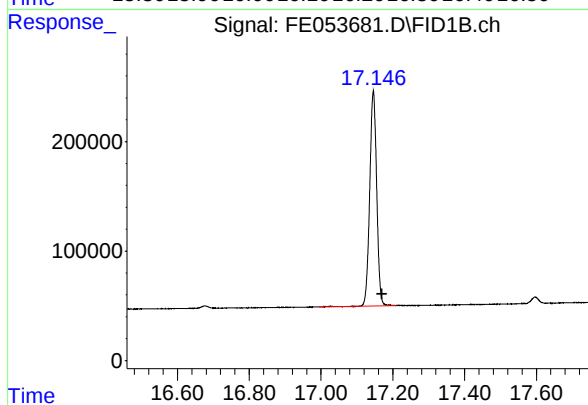
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.023 min
Response: 2740362
Conc: 19.08 ug/ml



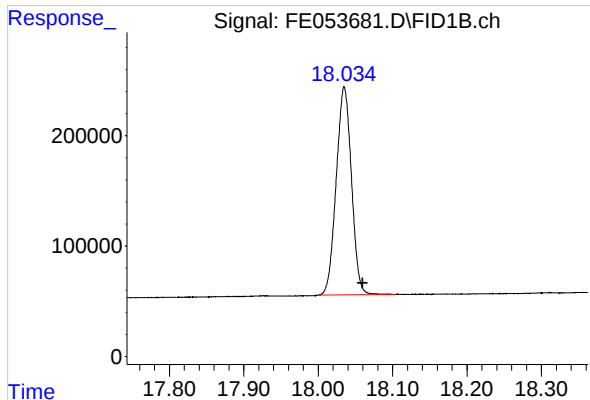
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.023 min
Response: 2681251
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

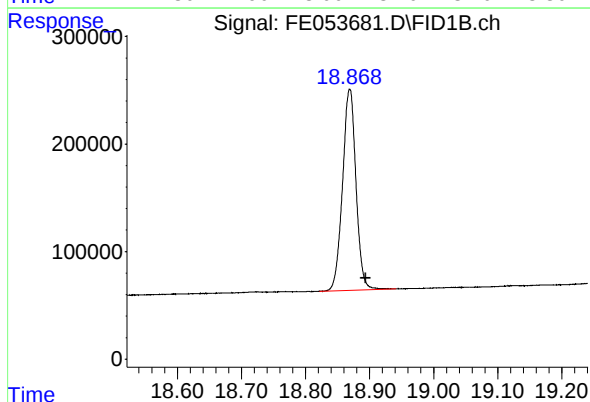
R.T.: 17.146 min
Delta R.T.: -0.024 min
Response: 2640948
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

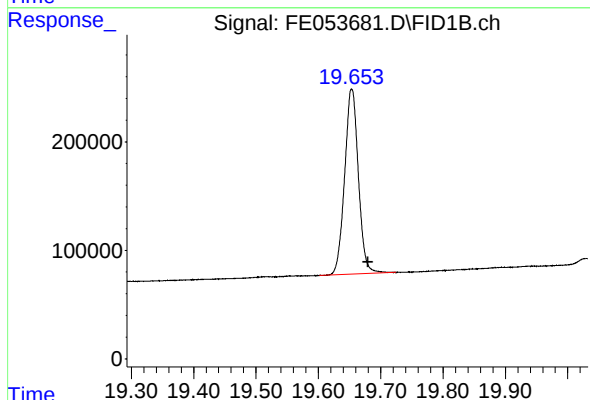
R.T.: 18.035 min
Delta R.T.: -0.025 min
Response: 2682525
Conc: 19.27 ug/ml

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20 PPM ALIPHATIC HC STD



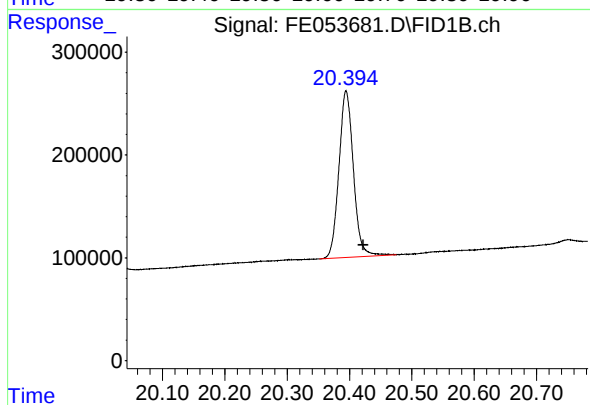
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.025 min
Response: 2708315
Conc: 19.72 ug/ml



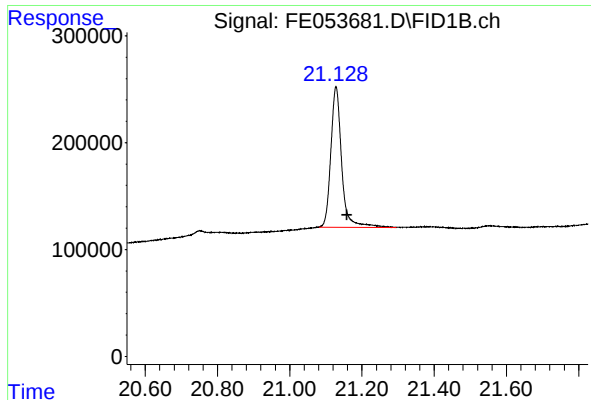
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.026 min
Response: 2609808
Conc: 20.03 ug/ml



#20 n-Hexatriacontane (C36)

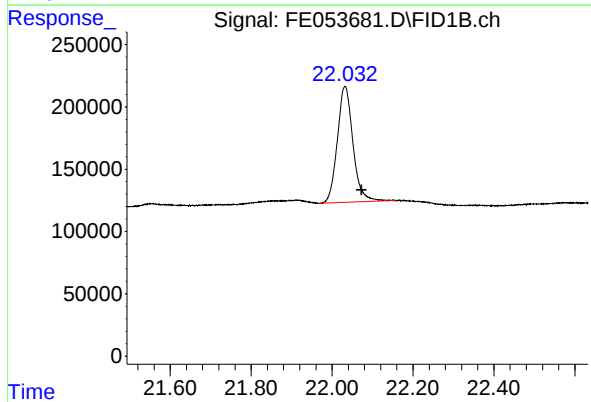
R.T.: 20.395 min
Delta R.T.: -0.027 min
Response: 2620632
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.030 min
Response: 2727801
Conc: 22.39 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: -0.041 min
Response: 2490807
Conc: 20.86 ug/ml