

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022323AL\
 Data File : FE040526.D
 Signal(s) : FID1B.ch
 Acq On : 23 Feb 2023 20:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 24 04:48:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.881	3385415	20.916 ug/ml
Spiked Amount 50.000		Recovery =	41.83%
12) S 1-chlorooctadecane (S...	13.319	2491965	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.276	2866842	21.064 ug/ml
2) T n-Decane (C10)	4.525	2789927	20.998 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3053105	20.861 ug/ml
4) T n-Dodecane (C12)	6.689	2830903	21.026 ug/ml
5) T A~2-methylnaphthalene...	7.322	2790076	20.613 ug/ml
6) T n-Tetradecane (C14)	8.515	2850940	20.687 ug/ml
7) T n-Hexadecane (C16)	10.123	2950408	20.558 ug/ml
8) T n-Octadecane (C18)	11.565	3057396	20.553 ug/ml
10) T n-Eicosane (C20)	12.875	3002377	20.422 ug/ml
11) T n-Heneicosane (C21)	13.487	3026878	20.522 ug/ml
13) T n-Docosane (C22)	14.073	2985093	20.146 ug/ml
14) T n-Tetracosane (C24)	15.177	2944625	19.398 ug/ml
15) T n-Hexacosane (C26)	16.199	2843347	19.180 ug/ml
16) T n-Octacosane (C28)	17.149	2742054	18.297 ug/ml
17) T n-Tricontane (C30)	18.038	2640384	17.895 ug/ml
18) T n-Dotriacontane (C32)	18.871	2572149	17.562 ug/ml
19) T n-Tetratriacontane (C34)	19.657	2509046	18.242 ug/ml
20) T n-Hexatriacontane (C36)	20.397	2353508	17.743 ug/ml
21) T n-Octatriacontane (C38)	21.127	2245873	17.312 ug/ml
22) T n-Tetracontane (C40)	22.021	2137171	16.097 ug/ml

(f)=RT Delta > 1/2 Window

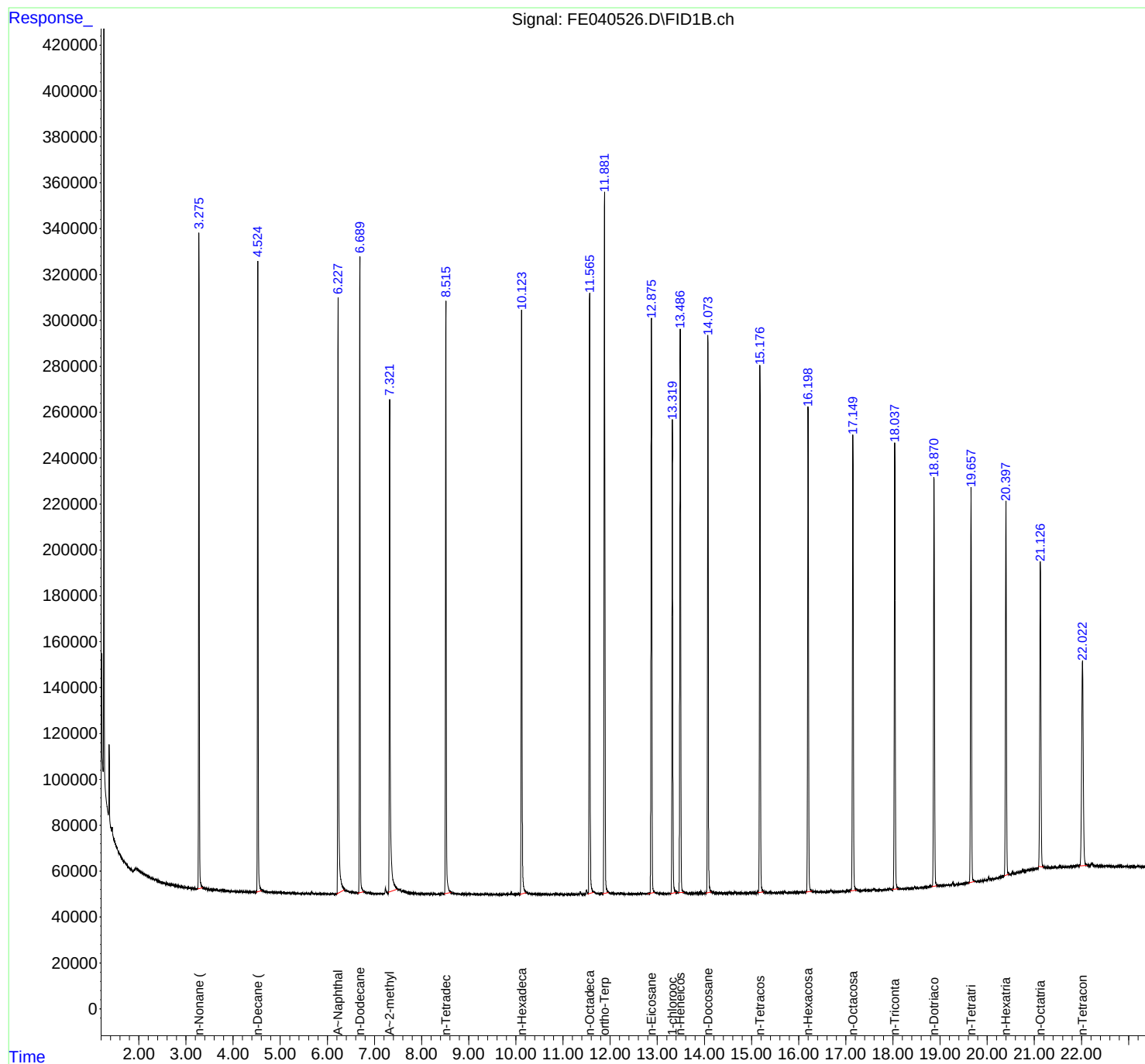
(m)=manual int.

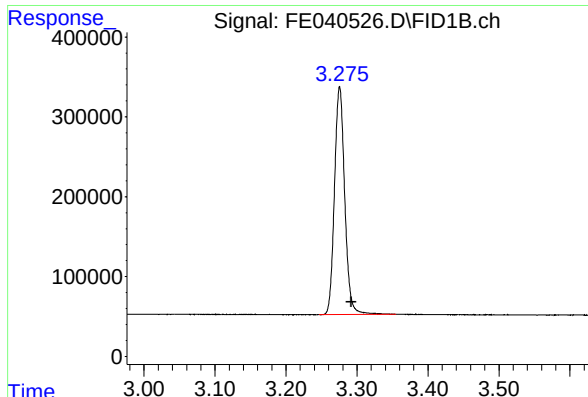
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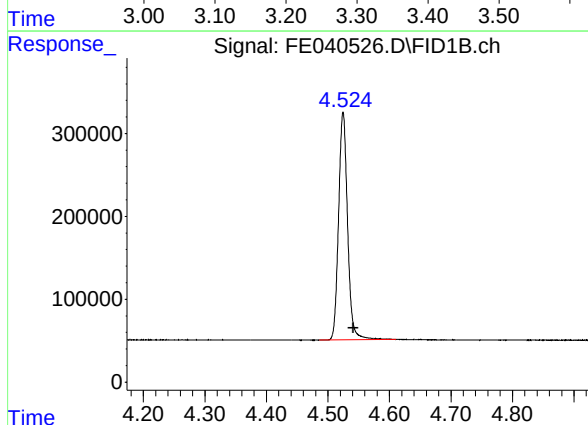




#1 n-Nonane (C9)

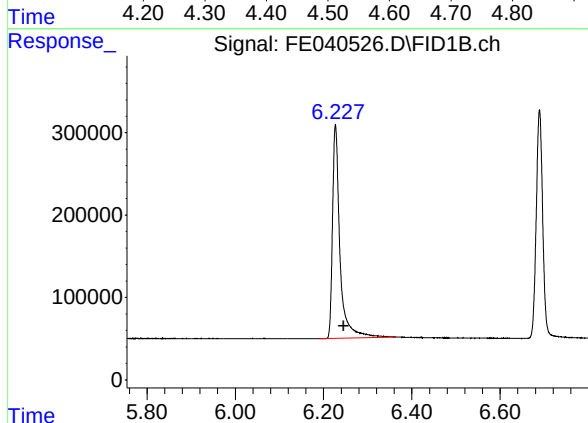
R.T.: 3.276 min
Delta R.T.: -0.016 min
Response: 2866842
Conc: 21.06 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



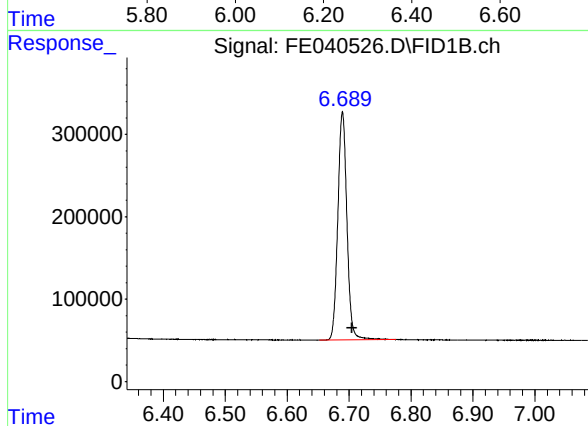
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.017 min
Response: 2789927
Conc: 21.00 ug/ml



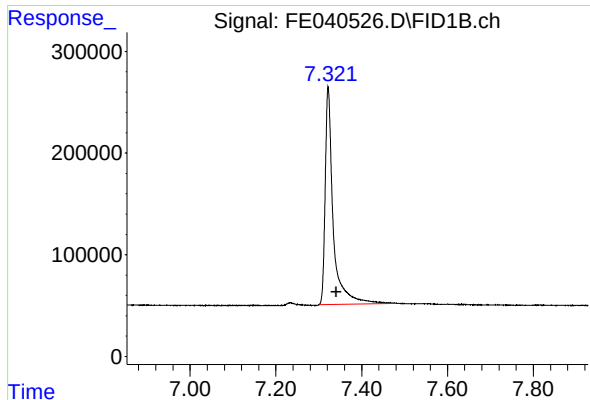
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.019 min
Response: 3053105
Conc: 20.86 ug/ml



#4 n-Dodecane (C12)

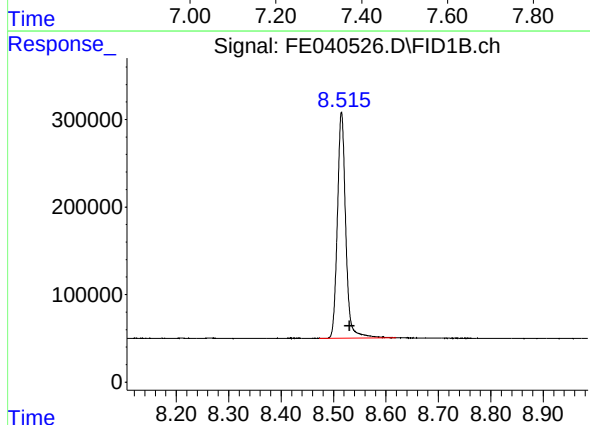
R.T.: 6.689 min
Delta R.T.: -0.015 min
Response: 2830903
Conc: 21.03 ug/ml



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

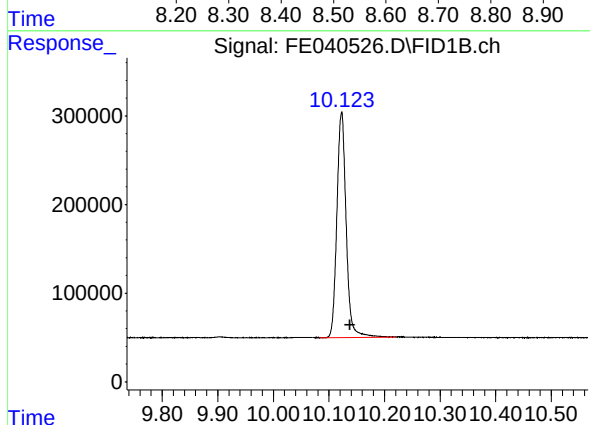
R.T.: 7.322 min
Delta R.T.: -0.019 min
Response: 2790076
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



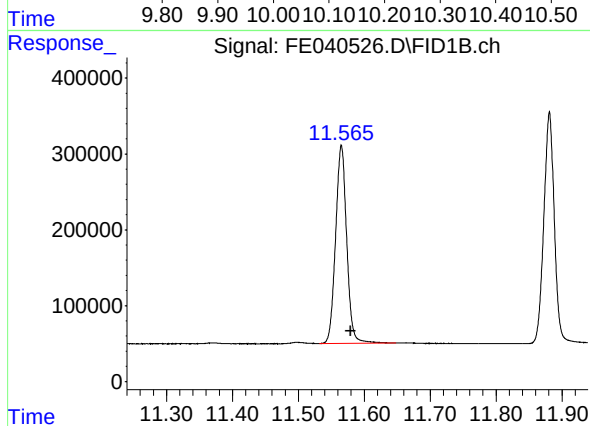
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.015 min
Response: 2850940
Conc: 20.69 ug/ml



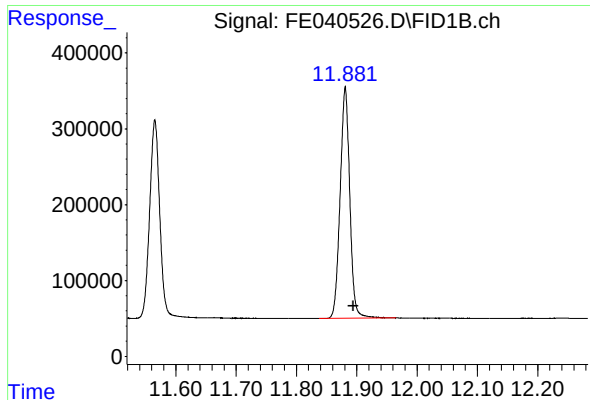
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.015 min
Response: 2950408
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

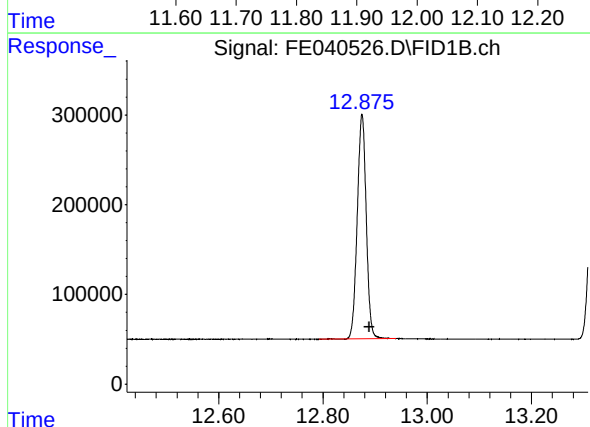
R.T.: 11.565 min
Delta R.T.: -0.014 min
Response: 3057396
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

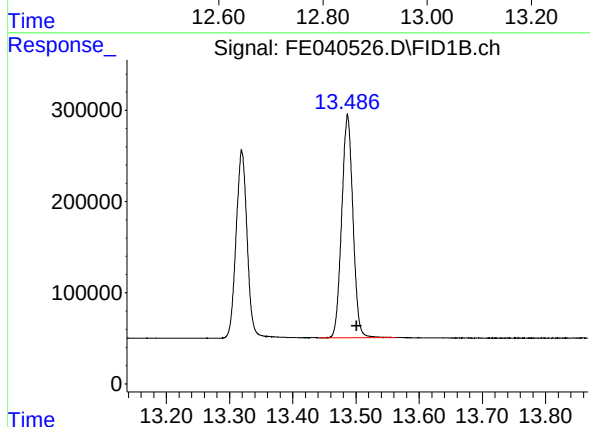
R.T.: 11.881 min
Delta R.T.: -0.014 min
Response: 3385415
Conc: 20.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



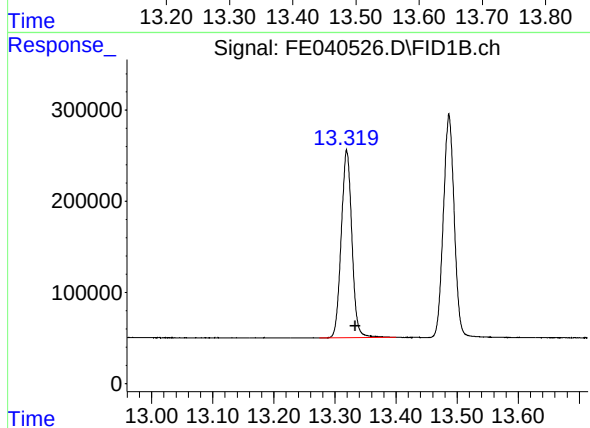
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.014 min
Response: 3002377
Conc: 20.42 ug/ml



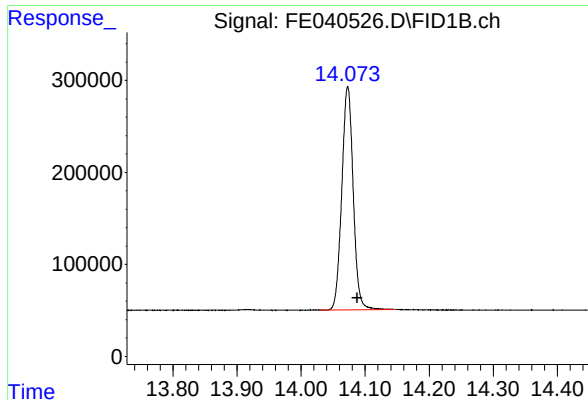
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.014 min
Response: 3026878
Conc: 20.52 ug/ml



#12 1-chlorooctadecane (SURR)

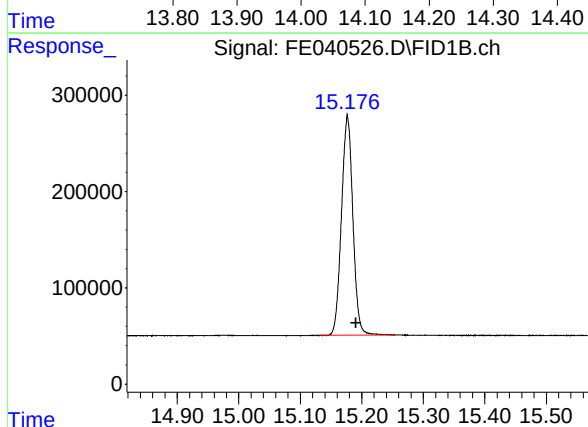
R.T.: 13.319 min
Delta R.T.: -0.014 min
Response: 2491965
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

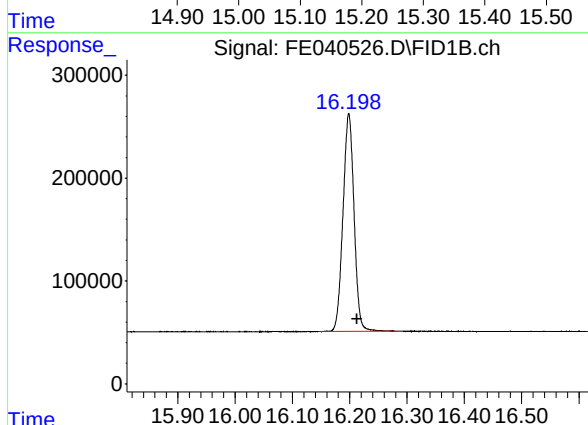
R.T.: 14.073 min
Delta R.T.: -0.015 min
Response: 2985093
Conc: 20.15 ug/ml

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20 PPM ALIPHATIC HC STD



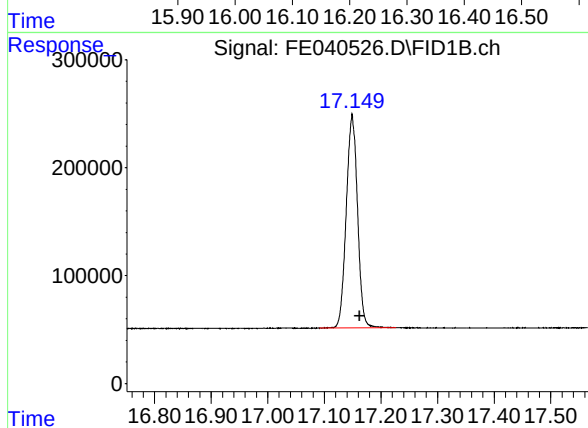
#14 n-Tetracosane (C24)

R.T.: 15.177 min
Delta R.T.: -0.014 min
Response: 2944625
Conc: 19.40 ug/ml



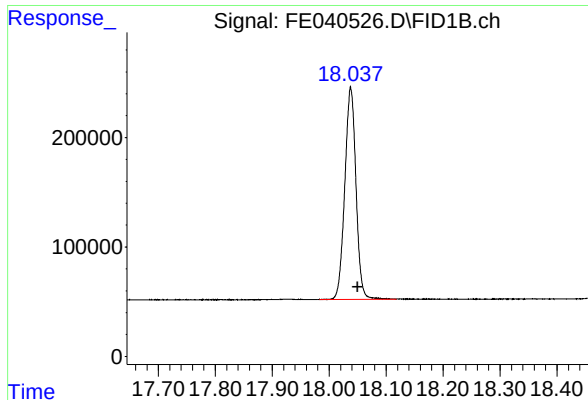
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.014 min
Response: 2843347
Conc: 19.18 ug/ml



#16 n-Octacosane (C28)

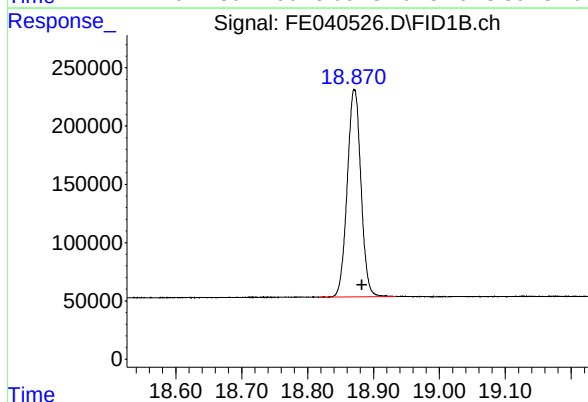
R.T.: 17.149 min
Delta R.T.: -0.013 min
Response: 2742054
Conc: 18.30 ug/ml



#17 n-Tricontane (C30)

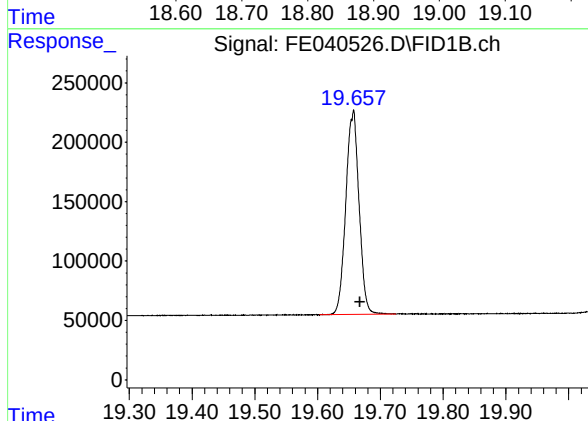
R.T.: 18.038 min
Delta R.T.: -0.012 min
Response: 2640384
Conc: 17.90 ug/ml

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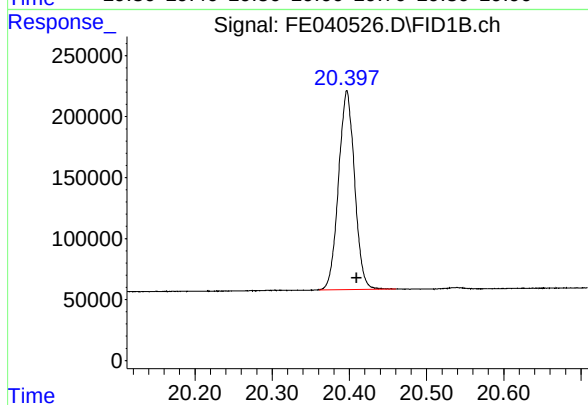
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.012 min
Response: 2572149
Conc: 17.56 ug/ml



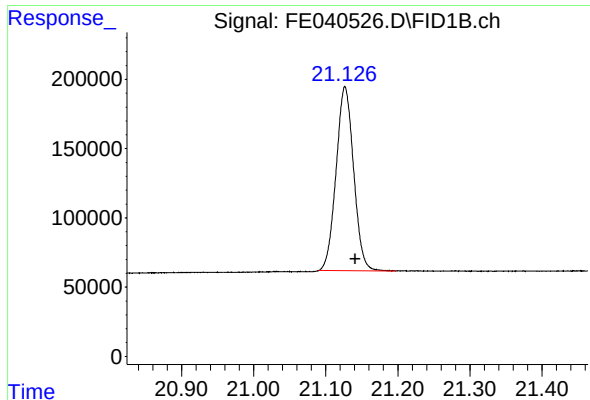
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.010 min
Response: 2509046
Conc: 18.24 ug/ml



#20 n-Hexatriacontane (C36)

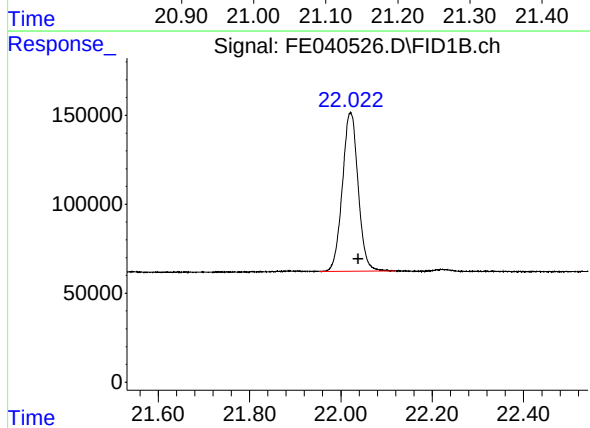
R.T.: 20.397 min
Delta R.T.: -0.012 min
Response: 2353508
Conc: 17.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.014 min
Response: 2245873
Conc: 17.31 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.018 min
Response: 2137171
Conc: 16.10 ug/ml