

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040248.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 09:22
 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: Feb 09 02:34:12 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)	11.894	3364270	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.332	2485477	20.040 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T n-Nonane (C9)	3.288	2821206	20.728 ug/ml
2) T n-Decane (C10)	4.537	2749466	20.693 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3059825	20.907 ug/ml
4) T n-Dodecane (C12)	6.702	2786563	20.697 ug/ml
5) T A~2-methylnaphthalene...	7.335	2842678	21.002 ug/ml
6) T n-Tetradecane (C14)	8.528	2825369	20.501 ug/ml
7) T n-Hexadecane (C16)	10.135	2934034	20.443 ug/ml
8) T n-Octadecane (C18)	11.578	3047215	20.485 ug/ml
10) T n-Eicosane (C20)	12.888	2993676	20.363 ug/ml
11) T n-Heneicosane (C21)	13.500	3019172	20.470 ug/ml
13) T n-Docosane (C22)	14.086	2983215	20.134 ug/ml
14) T n-Tetracosane (C24)	15.189	2959561	19.496 ug/ml
15) T n-Hexacosane (C26)	16.210	2859302	19.287 ug/ml
16) T n-Octacosane (C28)	17.161	2769582	18.481 ug/ml
17) T n-Tricontane (C30)	18.050	2665069	18.062 ug/ml
18) T n-Dotriacontane (C32)	18.884	2594782	17.717 ug/ml
19) T n-Tetratriacontane (C34)	19.667	2489255	18.098 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2300307	17.342 ug/ml
21) T n-Octatriacontane (C38)	21.140	2182145	16.821 ug/ml
22) T n-Tetracontane (C40)	22.039	2030076	15.290 ug/ml

(f)=RT Delta > 1/2 Window

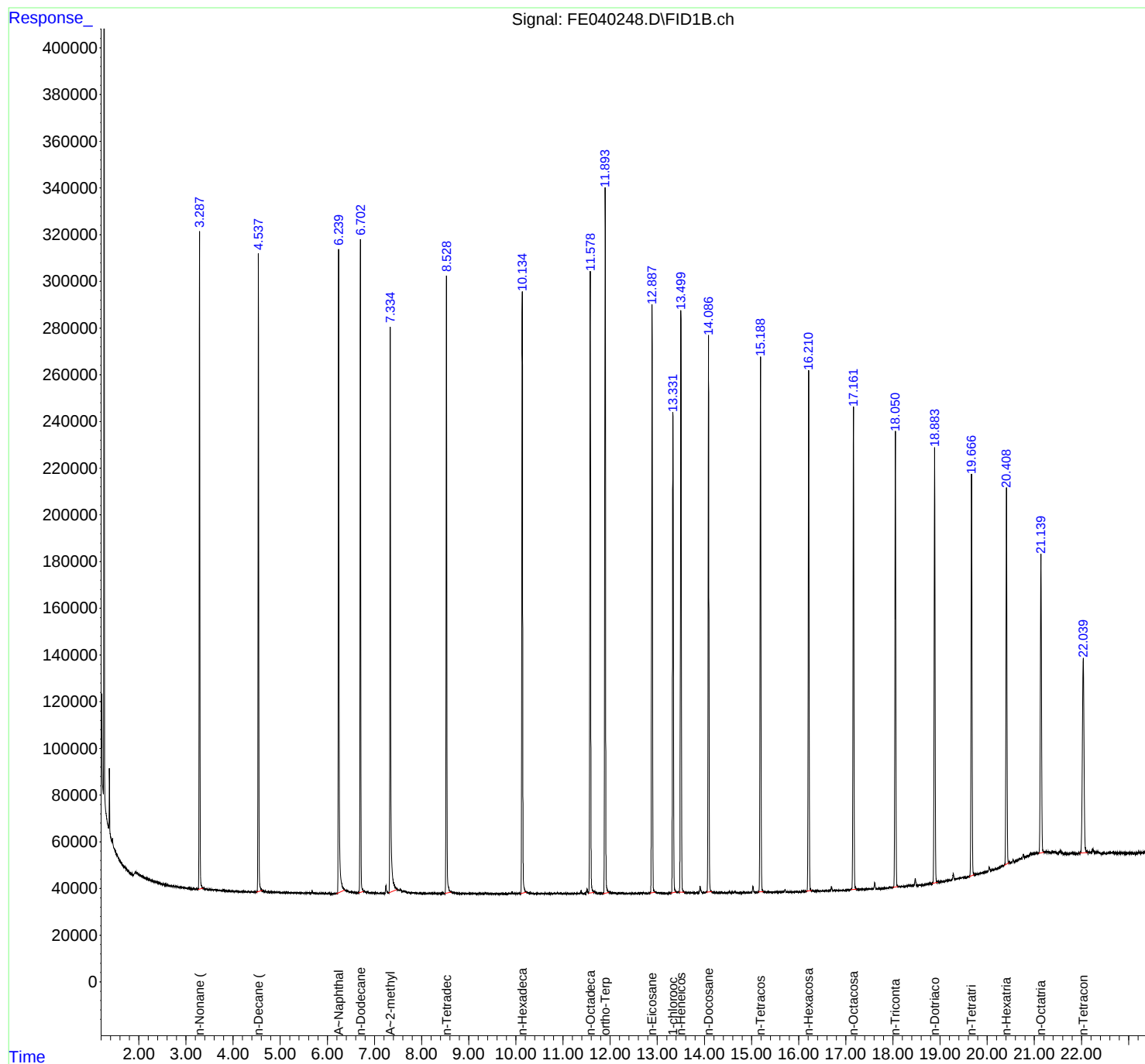
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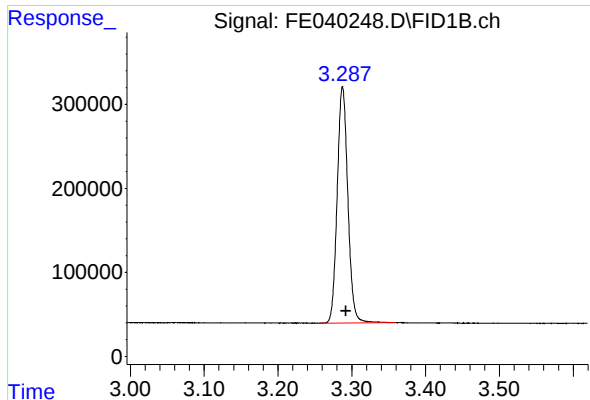
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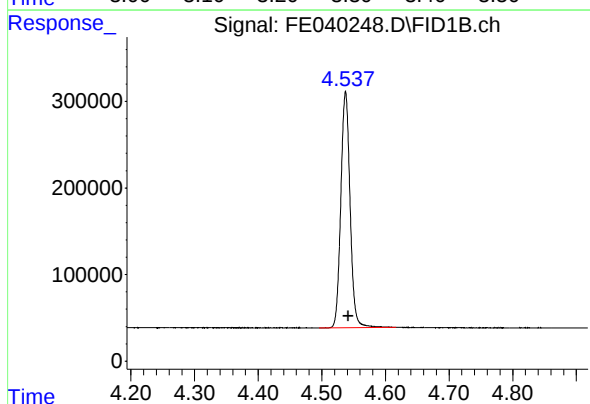




#1 n-Nonane (C9)

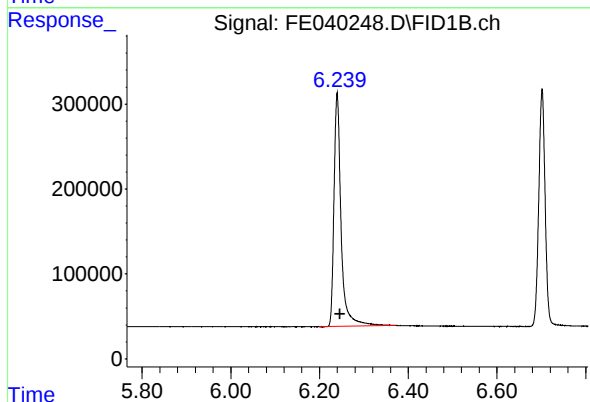
R.T.: 3.288 min
Delta R.T.: -0.004 min
Response: 2821206
Conc: 20.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



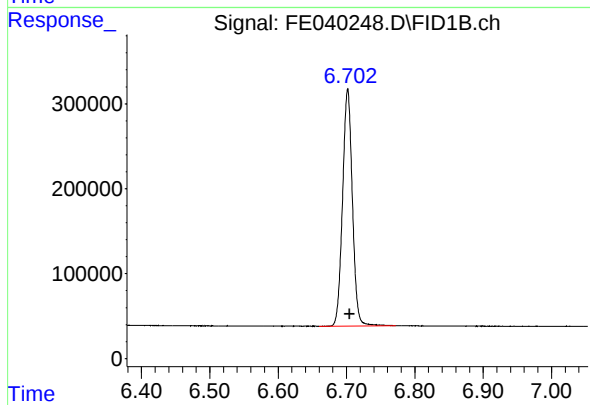
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 2749466
Conc: 20.69 ug/ml



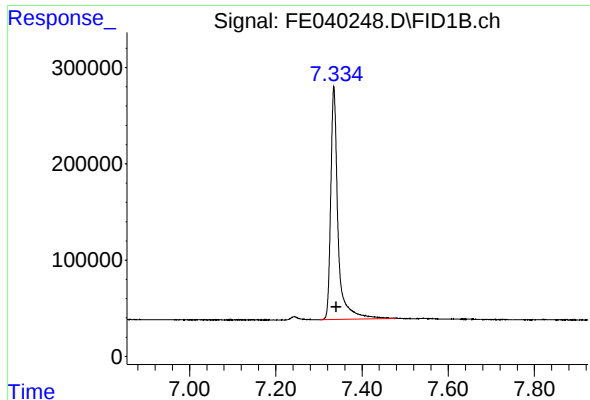
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.006 min
Response: 3059825
Conc: 20.91 ug/ml



#4 n-Dodecane (C12)

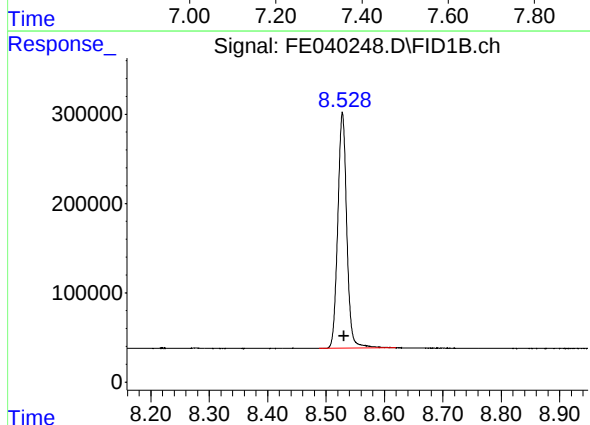
R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 2786563
Conc: 20.70 ug/ml



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

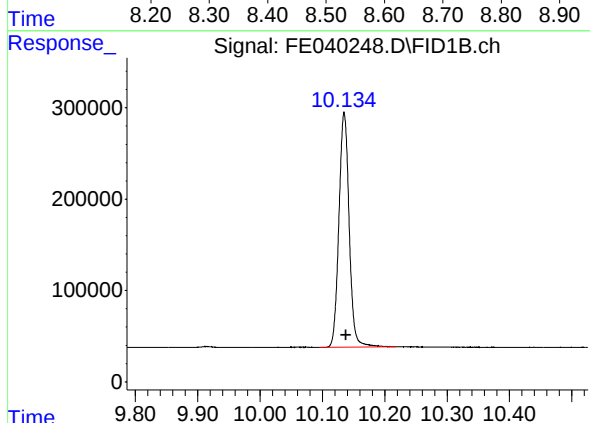
R.T.: 7.335 min
Delta R.T.: -0.006 min
Response: 2842678
Conc: 21.00 ug/ml

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20 PPM ALIPHATIC HC STD



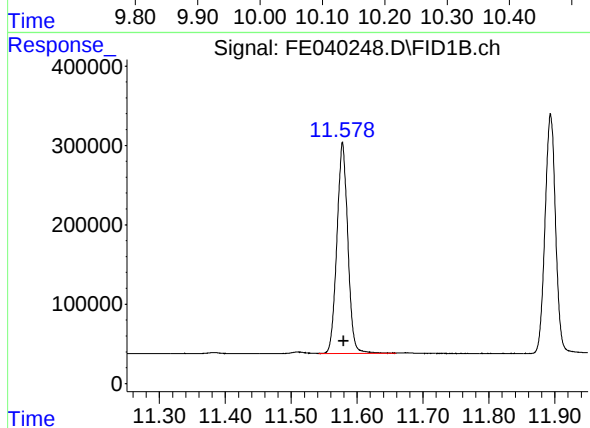
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 2825369
Conc: 20.50 ug/ml



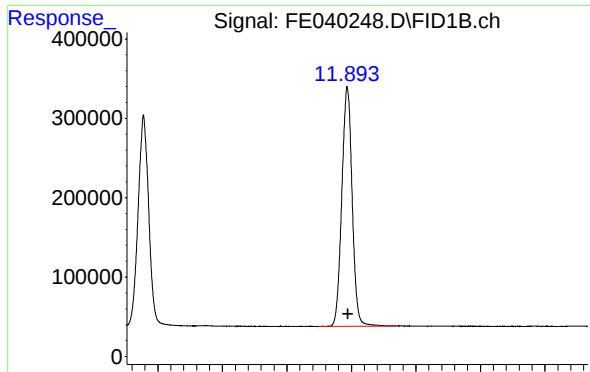
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 2934034
Conc: 20.44 ug/ml



#8 n-Octadecane (C18)

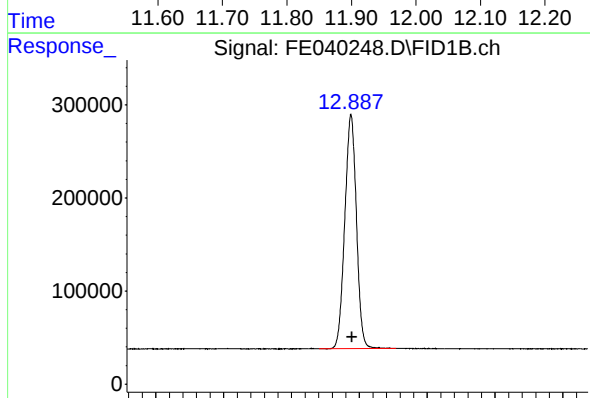
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 3047215
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

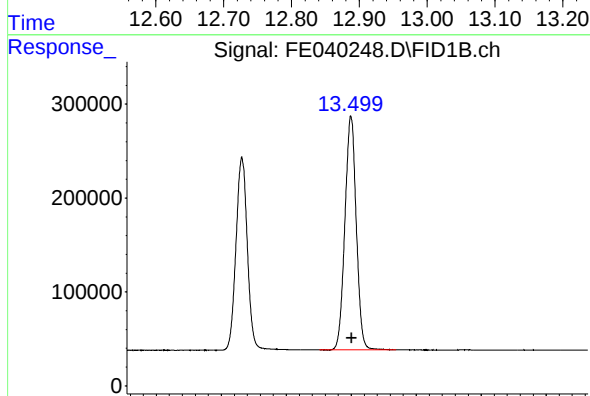
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 3364270
Conc: 20.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



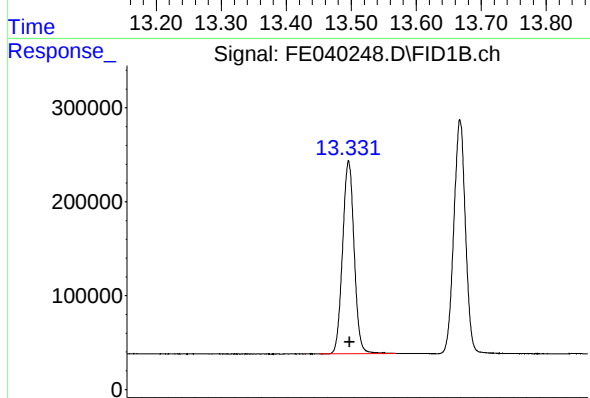
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 2993676
Conc: 20.36 ug/ml



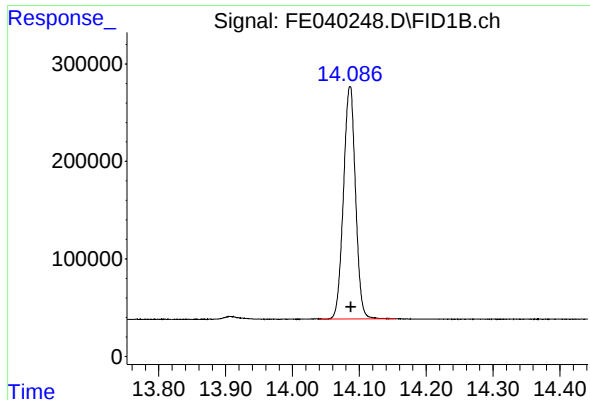
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.001 min
Response: 3019172
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

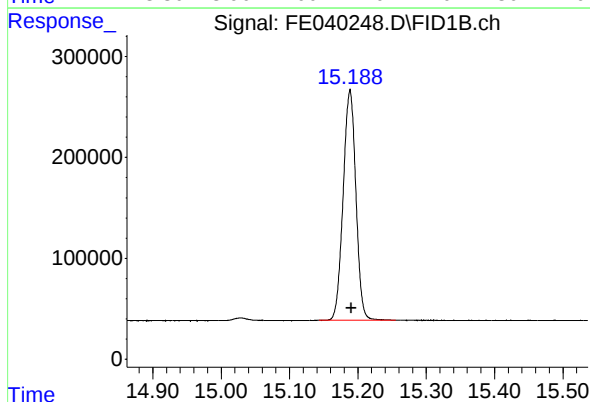
R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 2485477
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

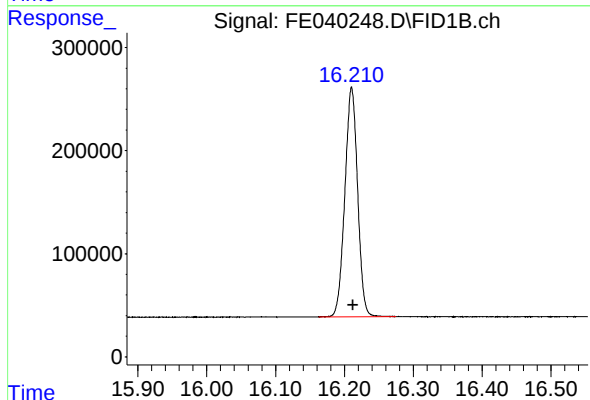
R.T.: 14.086 min
Delta R.T.: -0.001 min
Response: 2983215
Conc: 20.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



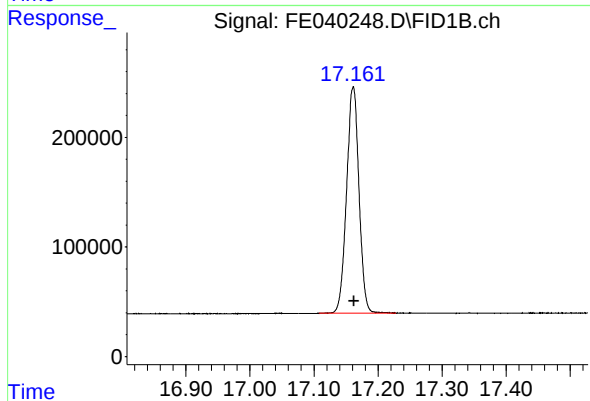
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.002 min
Response: 2959561
Conc: 19.50 ug/ml



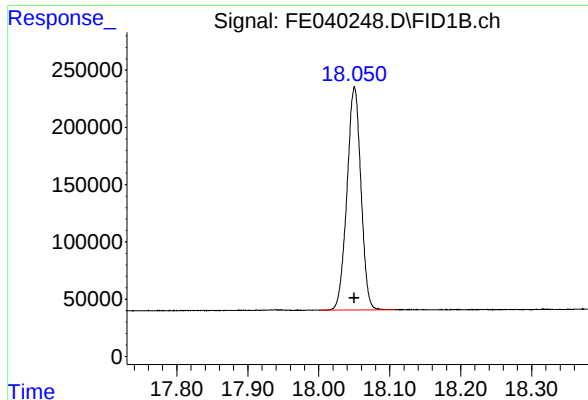
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 2859302
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

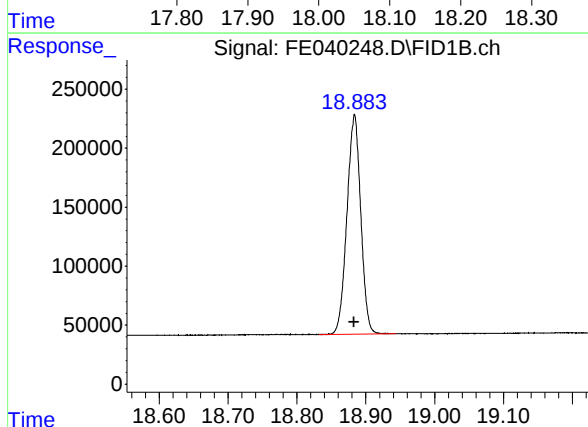
R.T.: 17.161 min
Delta R.T.: -0.001 min
Response: 2769582
Conc: 18.48 ug/ml



#17 n-Tricontane (C30)

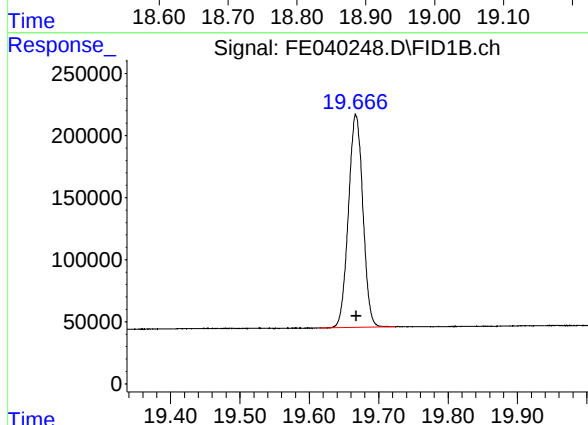
R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 2665069
Conc: 18.06 ug/ml

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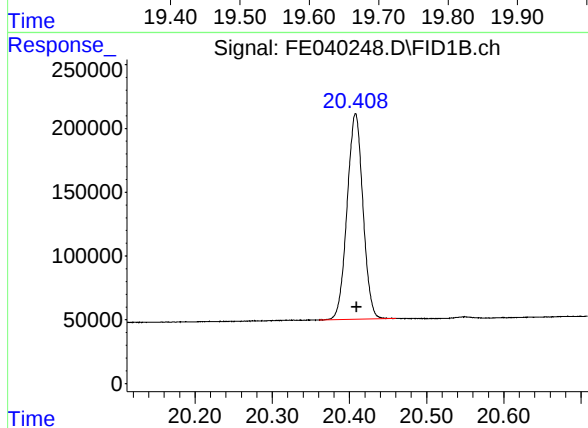
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.001 min
Response: 2594782
Conc: 17.72 ug/ml



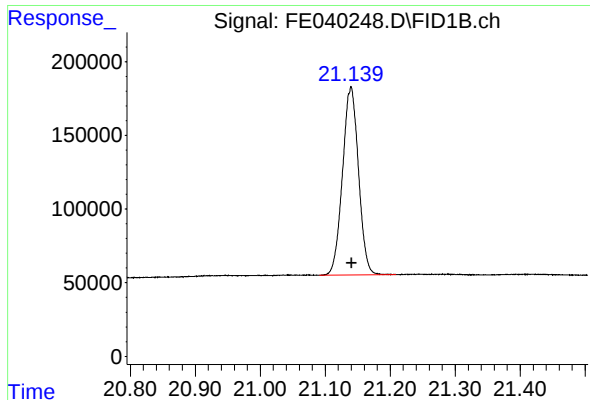
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min
Delta R.T.: 0.000 min
Response: 2489255
Conc: 18.10 ug/ml



#20 n-Hexatriacontane (C36)

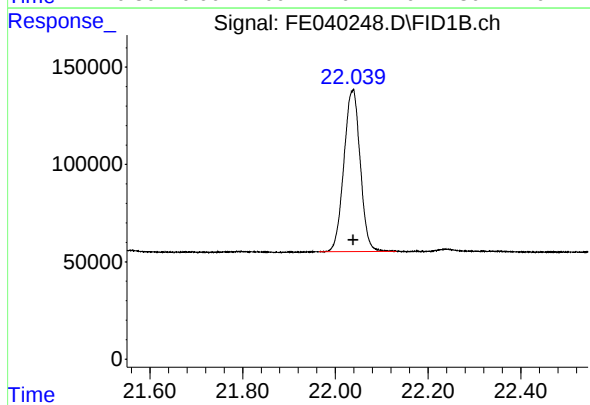
R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2300307
Conc: 17.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.001 min
Response: 2182145
Conc: 16.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.039 min
Delta R.T.: 0.000 min
Response: 2030076
Conc: 15.29 ug/ml