

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013124AL\
 Data File : FE046482.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2024 10:46
 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: Jan 31 21:34:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.820	3677949	19.891 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.261	2783316	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.209	3333690	20.639 ug/ml
2) T n-Decane (C10)	4.459	3438364	20.980 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3587843	20.982 ug/ml
4) T n-Dodecane (C12)	6.626	3463811	20.941 ug/ml
5) T A~2-methylnaphthalene...	7.259	3429276	21.501 ug/ml
6) T n-Tetradecane (C14)	8.453	3415006	20.836 ug/ml
7) T n-Hexadecane (C16)	10.061	3489845	20.423 ug/ml
8) T n-Octadecane (C18)	11.506	3516786	20.172 ug/ml
10) T n-Eicosane (C20)	12.815	3353763	19.753 ug/ml
11) T n-Heneicosane (C21)	13.428	3279422	19.662 ug/ml
13) T n-Docosane (C22)	14.015	3245659	19.591 ug/ml
14) T n-Tetracosane (C24)	15.120	3201377	19.402 ug/ml
15) T n-Hexacosane (C26)	16.141	3118813	19.323 ug/ml
16) T n-Octacosane (C28)	17.094	3044533	19.394 ug/ml
17) T n-Tricontane (C30)	17.983	3075218	19.633 ug/ml
18) T n-Dotriacontane (C32)	18.818	2985839	19.753 ug/ml
19) T n-Tetratriacontane (C34)	19.602	2824133	19.911 ug/ml
20) T n-Hexatriacontane (C36)	20.342	2615048	18.972 ug/ml
21) T n-Octatriacontane (C38)	21.071	2613035	20.383 ug/ml
22) T n-Tetracontane (C40)	21.959	2455003	19.634 ug/ml

(f)=RT Delta > 1/2 Window

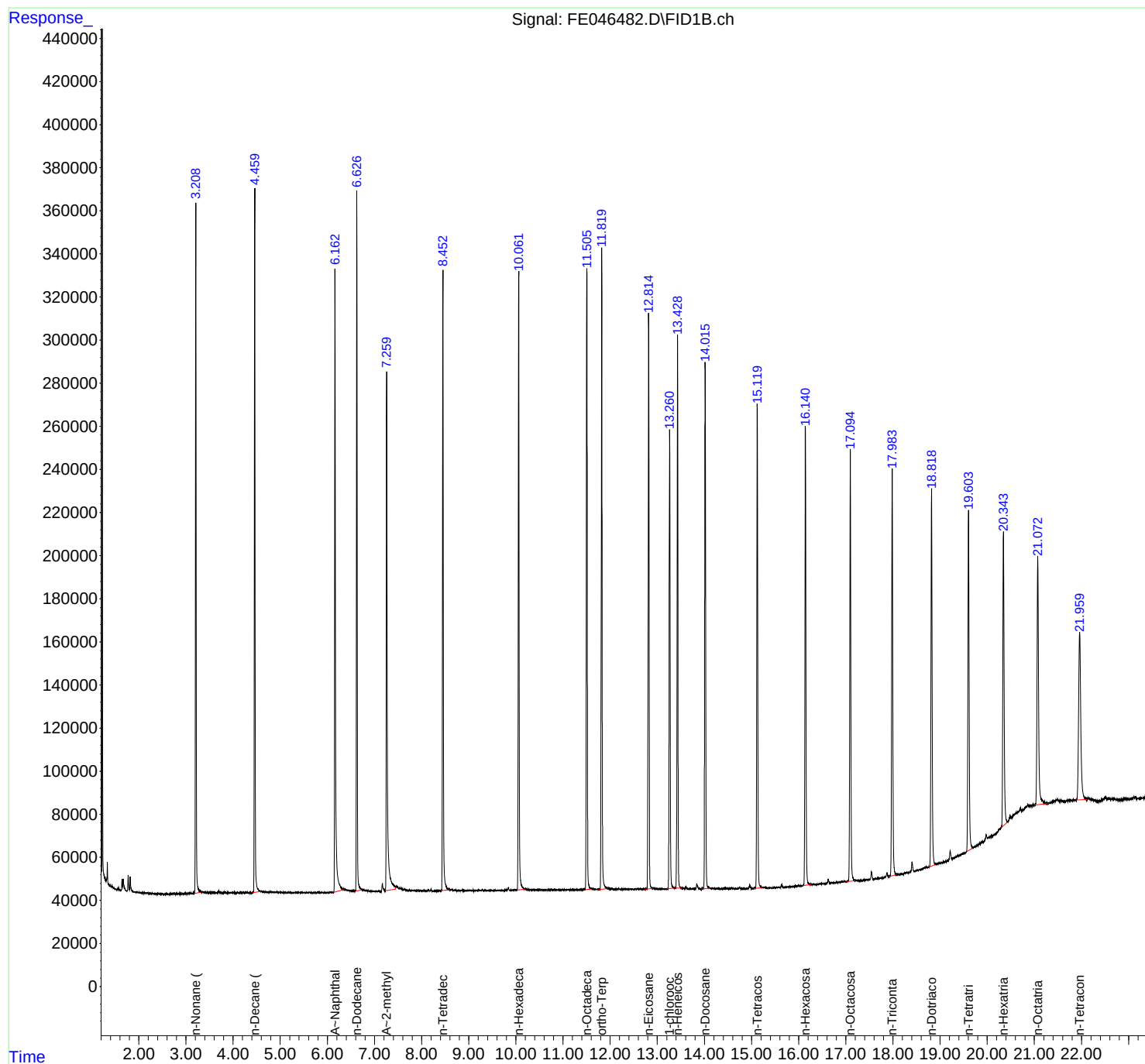
(m)=manual int.

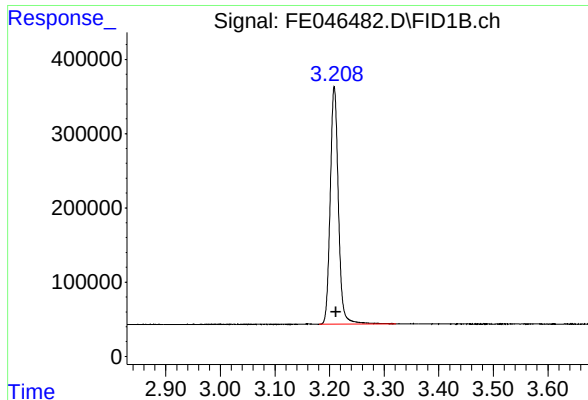
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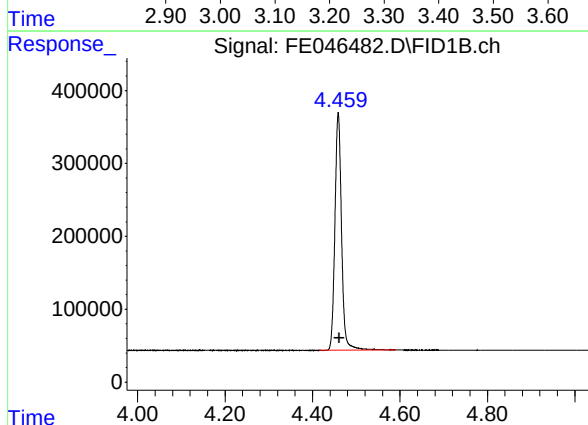




#1 n-Nonane (C9)

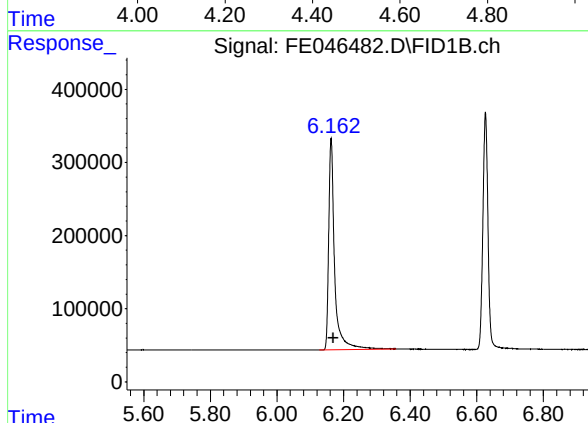
R.T.: 3.209 min
Delta R.T.: -0.003 min
Response: 3333690
Conc: 20.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



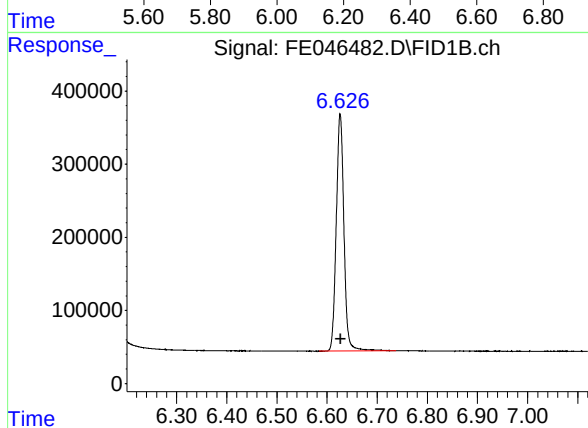
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 3438364
Conc: 20.98 ug/ml



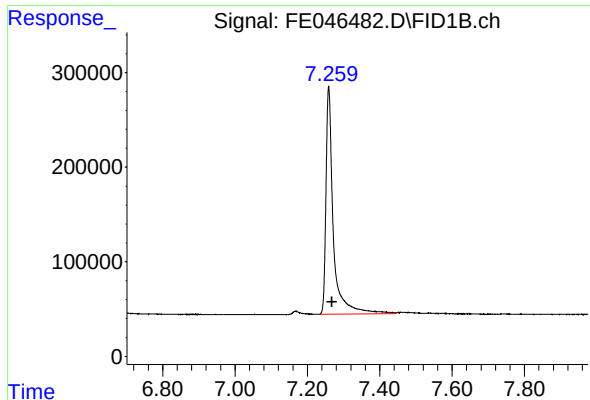
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.006 min
Response: 3587843
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

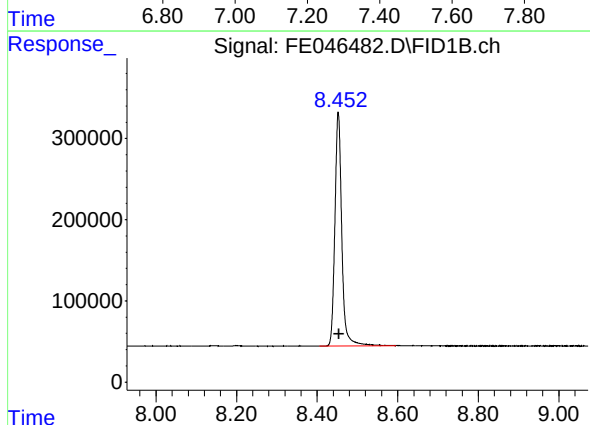
R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 3463811
Conc: 20.94 ug/ml



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

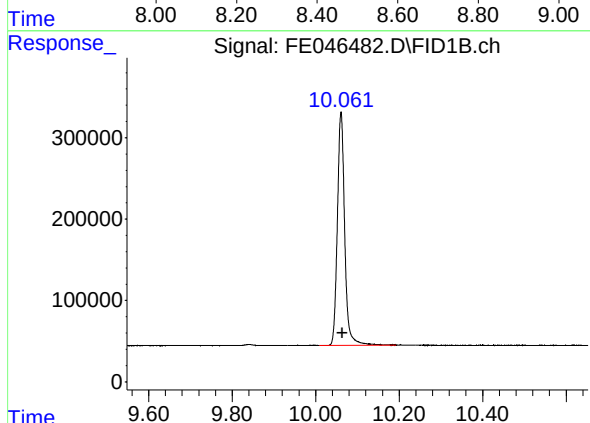
R.T.: 7.259 min
Delta R.T.: -0.008 min
Response: 3429276
Conc: 21.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



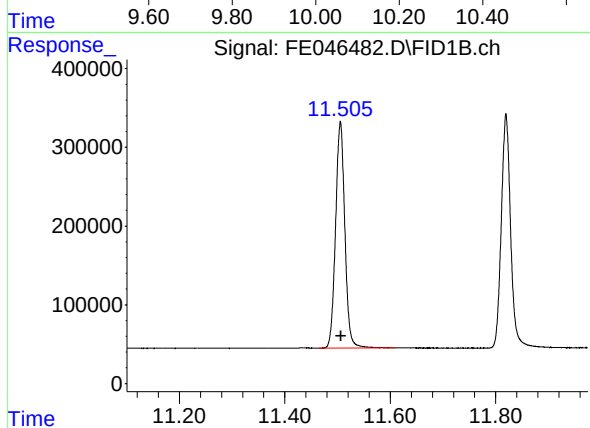
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.001 min
Response: 3415006
Conc: 20.84 ug/ml



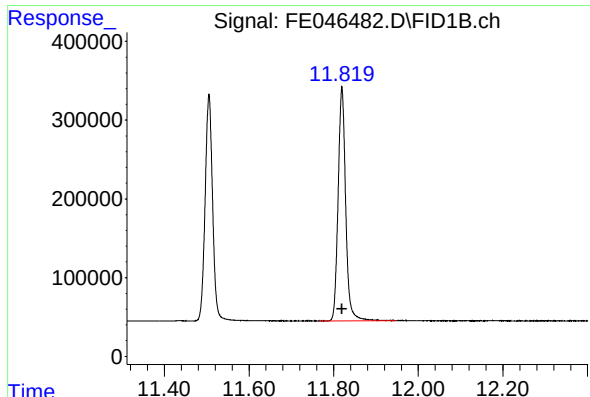
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 3489845
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

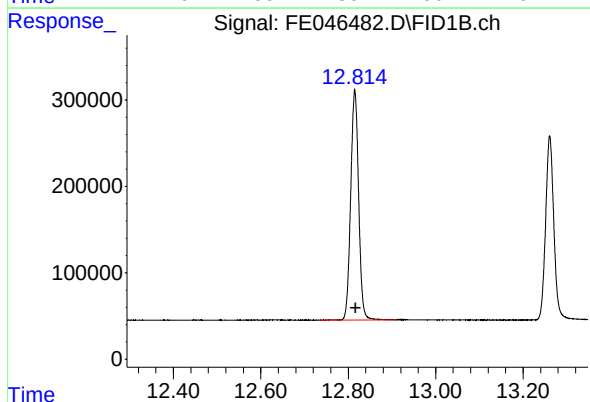
R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 3516786
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

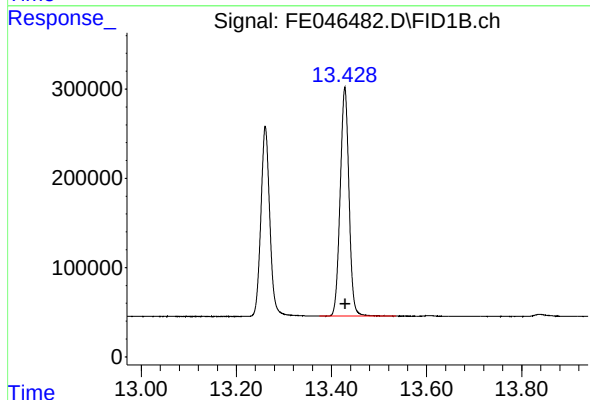
R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3677949
Conc: 19.89 ug/ml

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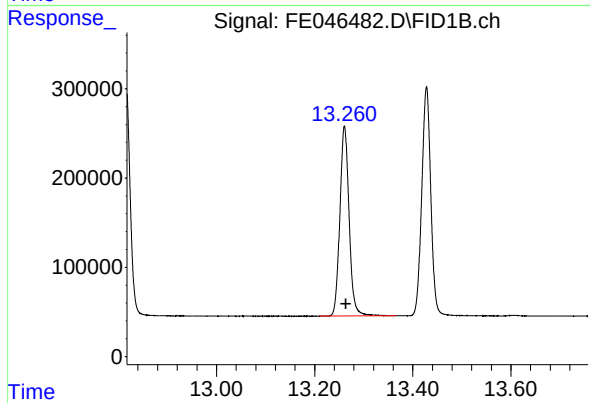
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 3353763
Conc: 19.75 ug/ml



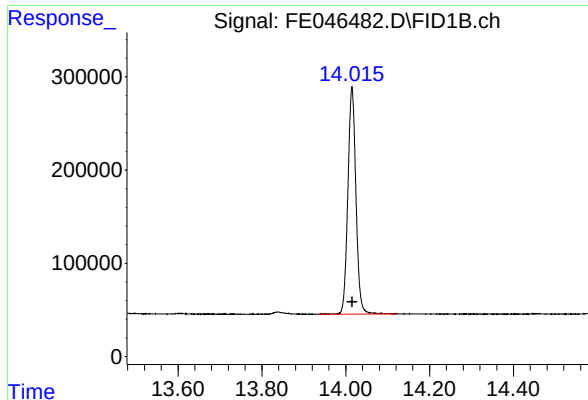
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 3279422
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

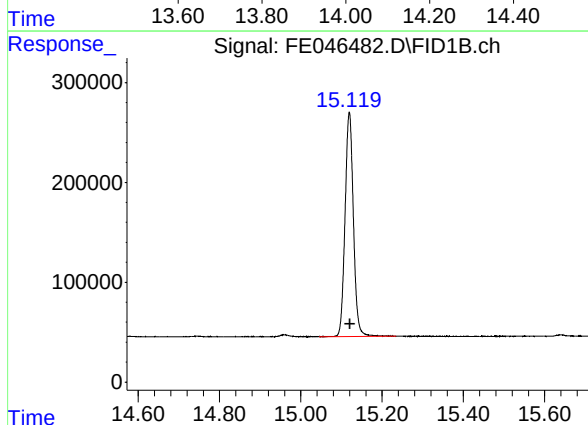
R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 2783316
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

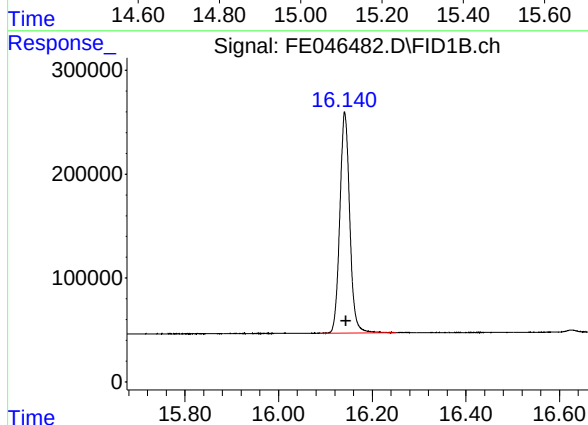
R.T.: 14.015 min
Delta R.T.: -0.001 min
Response: 3245659
Conc: 19.59 ug/ml

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20 PPM ALIPHATIC HC STD



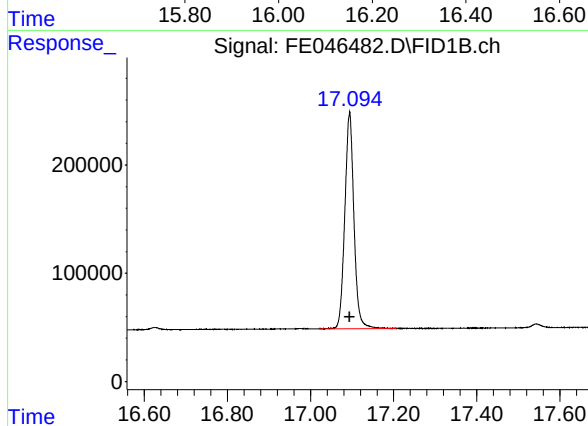
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.002 min
Response: 3201377
Conc: 19.40 ug/ml



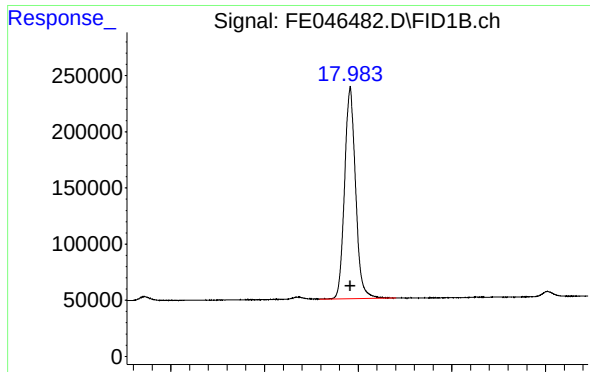
#15 n-Hexacosane (C26)

R.T.: 16.141 min
Delta R.T.: -0.003 min
Response: 3118813
Conc: 19.32 ug/ml



#16 n-Octacosane (C28)

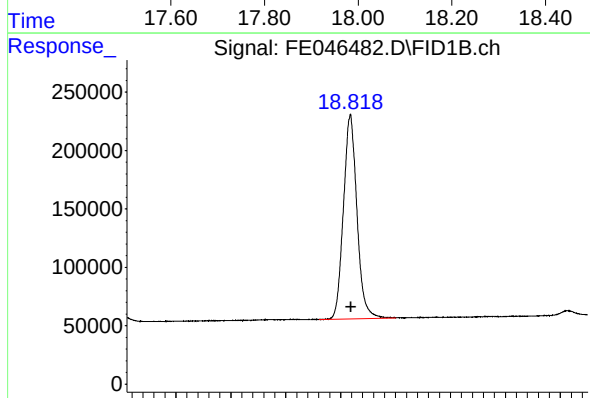
R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 3044533
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

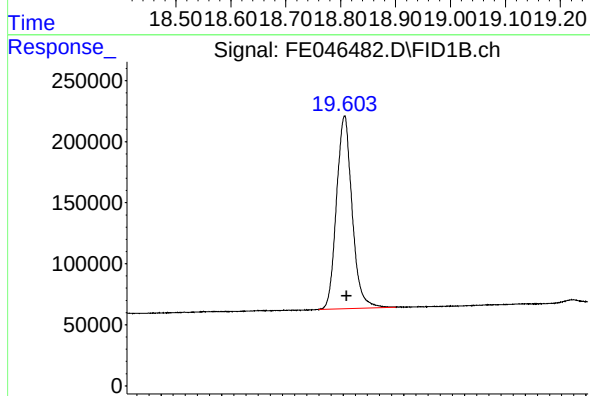
R.T.: 17.983 min
Delta R.T.: 0.000 min
Response: 3075218
Conc: 19.63 ug/ml

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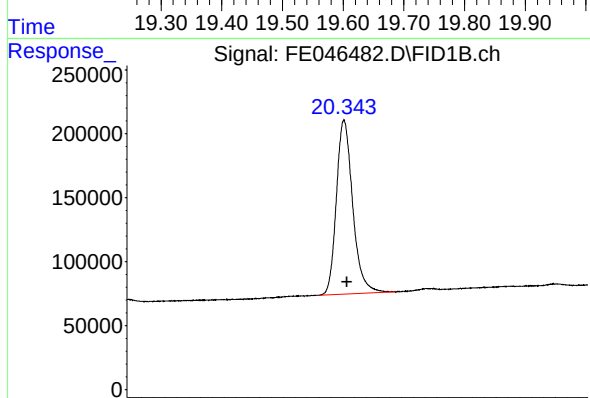
#18 n-Dotriacontane (C32)

R.T.: 18.818 min
Delta R.T.: -0.001 min
Response: 2985839
Conc: 19.75 ug/ml



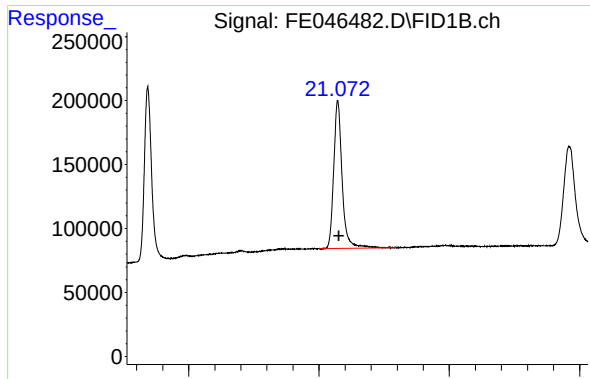
#19 n-Tetatriacontane (C34)

R.T.: 19.602 min
Delta R.T.: -0.003 min
Response: 2824133
Conc: 19.91 ug/ml



#20 n-Hexatriacontane (C36)

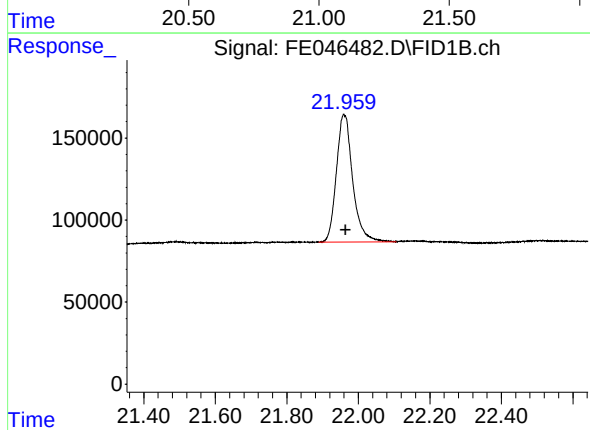
R.T.: 20.342 min
Delta R.T.: -0.005 min
Response: 2615048
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.005 min
Response: 2613035
Conc: 20.38 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.005 min
Response: 2455003
Conc: 19.63 ug/ml