

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072123AL\
 Data File : FE043435.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2023 13:13
 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: sample.E
 Quant Time: Jul 24 01:37:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.888	3809564	21.275 ug/ml
Spiked Amount 50.000		Recovery =	42.55%
12) S 1-chlorooctadecane (S...	13.325	2868730	21.833 ug/ml
Spiked Amount 50.000		Recovery =	43.67%
Target Compounds			
1) T n-Nonane (C9)	3.267	3223211	21.111 ug/ml
2) T n-Decane (C10)	4.520	3336783	21.404 ug/ml
3) T A~Naphthalene (C11.7)	6.230	3464614	21.531 ug/ml
4) T n-Dodecane (C12)	6.690	3357766	21.309 ug/ml
5) T A~2-methylnaphthalene...	7.328	3283092	21.636 ug/ml
6) T n-Tetradecane (C14)	8.519	3340151	21.118 ug/ml
7) T n-Hexadecane (C16)	10.127	3445153	21.288 ug/ml
8) T n-Octadecane (C18)	11.570	3487786	21.395 ug/ml
10) T n-Eicosane (C20)	12.879	3329410	21.429 ug/ml
11) T n-Heneicosane (C21)	13.491	3247076	21.432 ug/ml
13) T n-Docosane (C22)	14.078	3198959	21.405 ug/ml
14) T n-Tetracosane (C24)	15.181	3164525	21.548 ug/ml
15) T n-Hexacosane (C26)	16.200	3065908	21.526 ug/ml
16) T n-Octacosane (C28)	17.149	3017216	21.444 ug/ml
17) T n-Tricontane (C30)	18.038	3157463	21.434 ug/ml
18) T n-Dotriacontane (C32)	18.871	3198460	21.585 ug/ml
19) T n-Tetratriacontane (C34)	19.655	3113530	21.574 ug/ml
20) T n-Hexatriacontane (C36)	20.395	2961860	20.152 ug/ml
21) T n-Octatriacontane (C38)	21.130	2913562	20.424 ug/ml
22) T n-Tetracontane (C40)	22.037	2950449	19.992 ug/ml

(f)=RT Delta > 1/2 Window

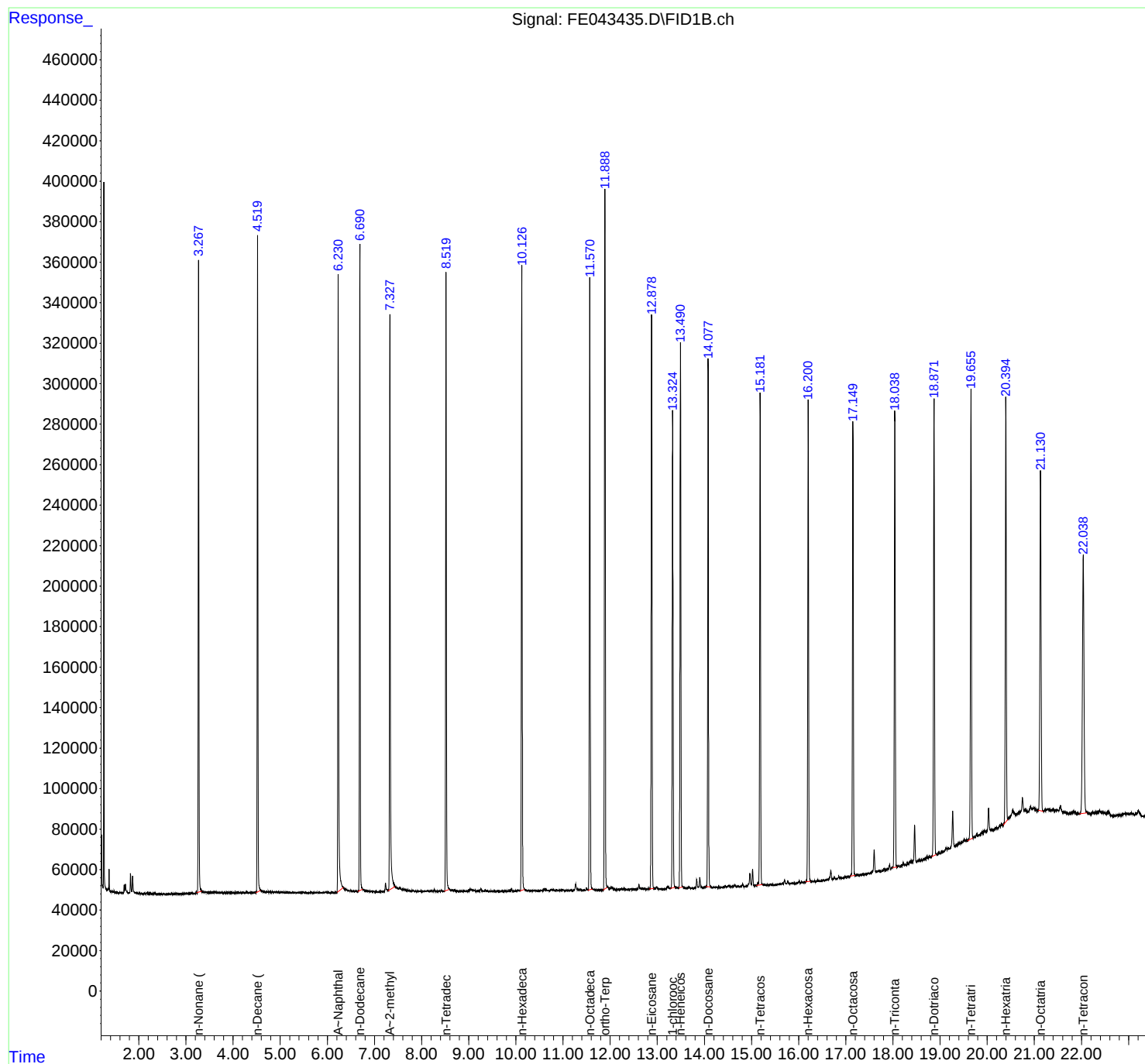
(m)=manual int.

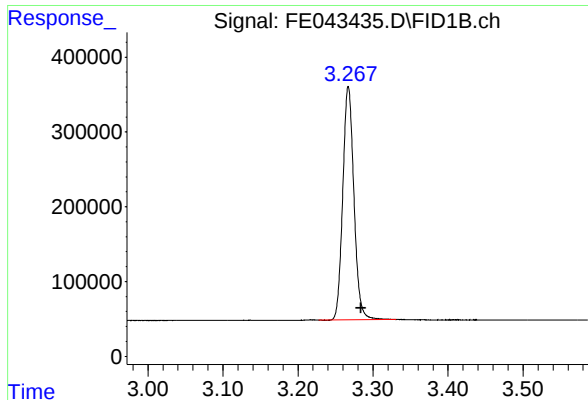
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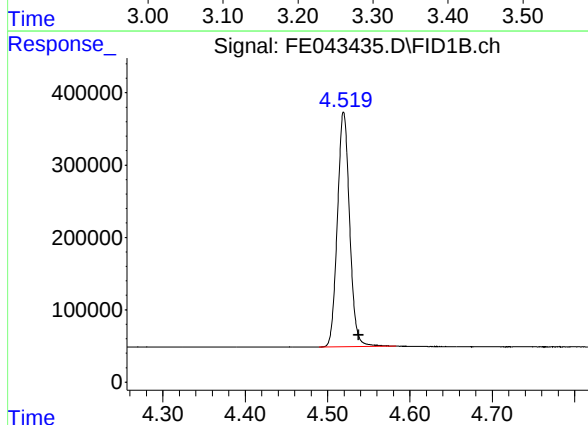




#1 n-Nonane (C9)

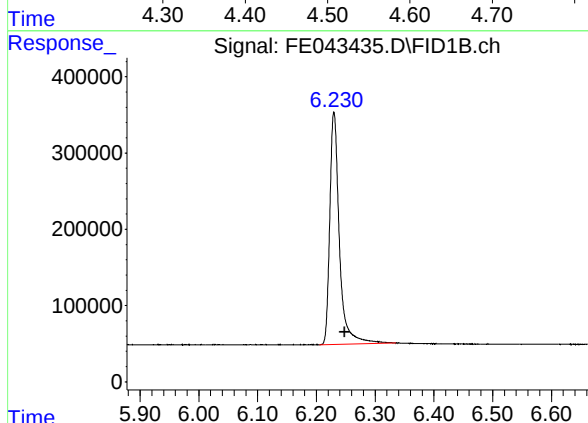
R.T.: 3.267 min
Delta R.T.: -0.017 min
Response: 3223211
Conc: 21.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



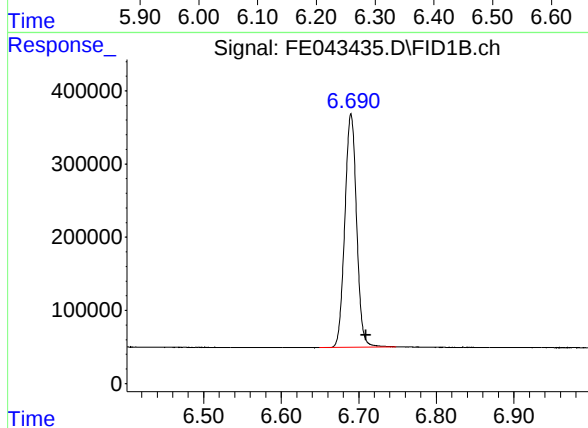
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.018 min
Response: 3336783
Conc: 21.40 ug/ml



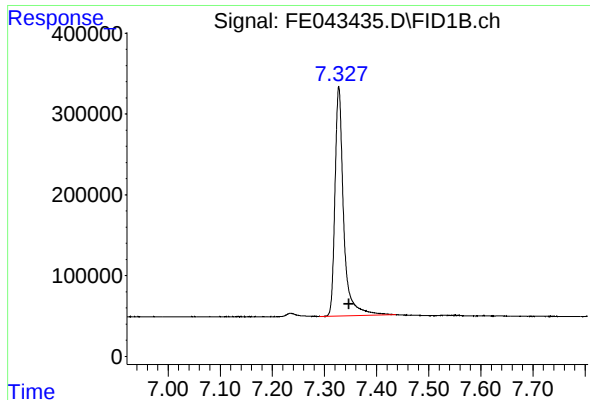
#3 A~Naphthalene (C11.7)

R.T.: 6.230 min
Delta R.T.: -0.018 min
Response: 3464614
Conc: 21.53 ug/ml



#4 n-Dodecane (C12)

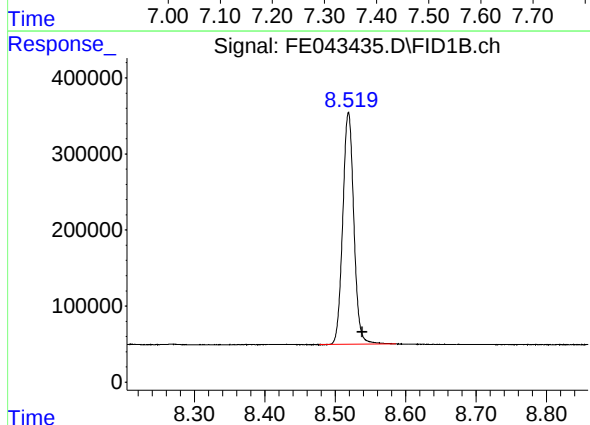
R.T.: 6.690 min
Delta R.T.: -0.019 min
Response: 3357766
Conc: 21.31 ug/ml



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

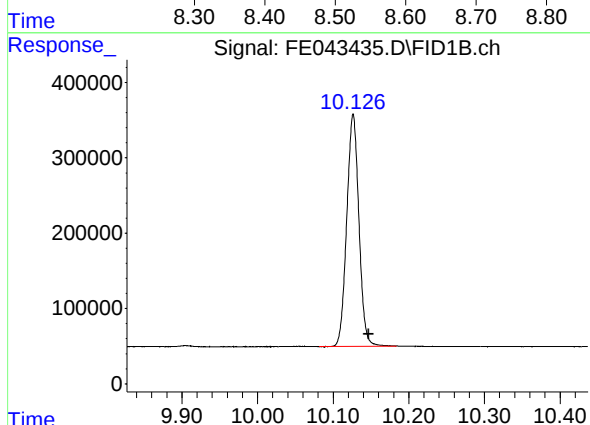
R.T.: 7.328 min
Delta R.T.: -0.019 min
Response: 3283092
Conc: 21.64 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



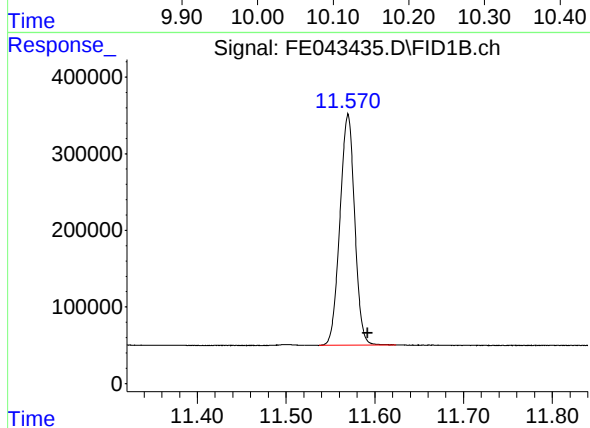
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.020 min
Response: 3340151
Conc: 21.12 ug/ml



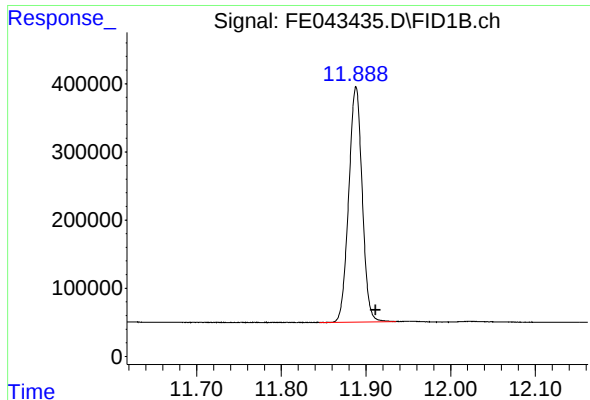
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.020 min
Response: 3445153
Conc: 21.29 ug/ml



#8 n-Octadecane (C18)

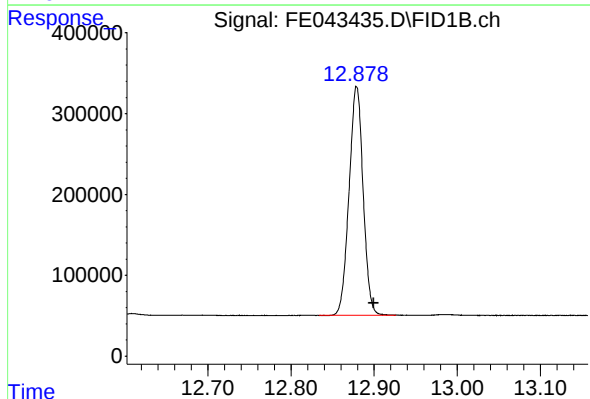
R.T.: 11.570 min
Delta R.T.: -0.022 min
Response: 3487786
Conc: 21.40 ug/ml



#9 ortho-Terphenyl (SURR)

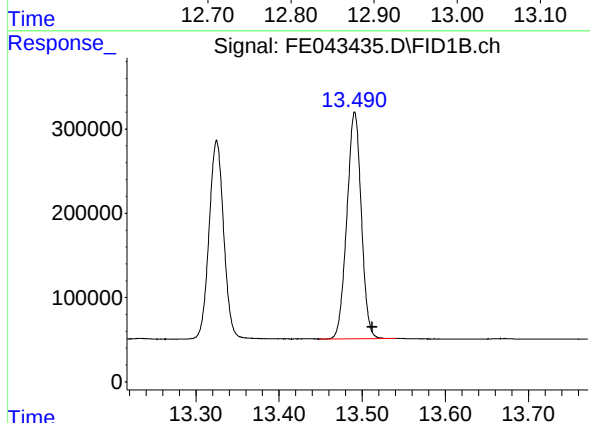
R.T.: 11.888 min
Delta R.T.: -0.023 min
Response: 3809564
Conc: 21.27 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



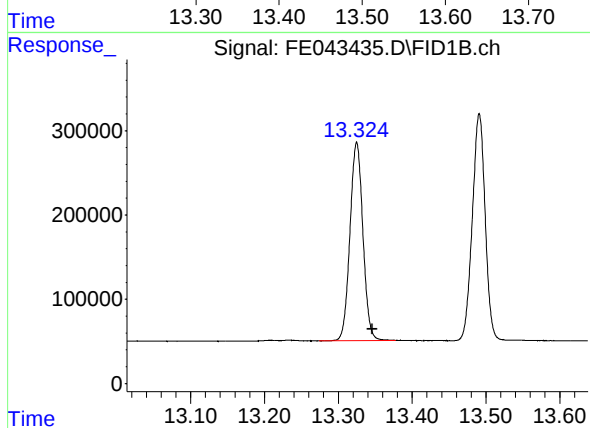
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: -0.021 min
Response: 3329410
Conc: 21.43 ug/ml



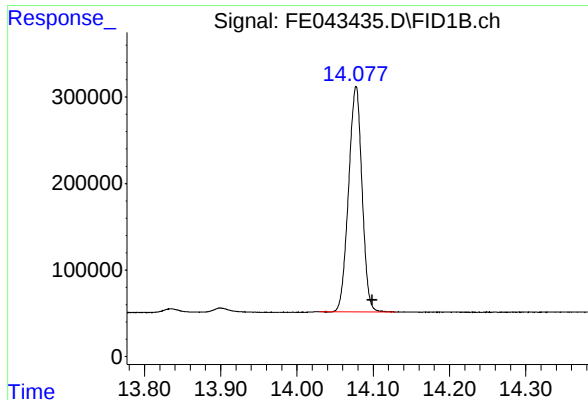
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: -0.021 min
Response: 3247076
Conc: 21.43 ug/ml



#12 1-chlorooctadecane (SURR)

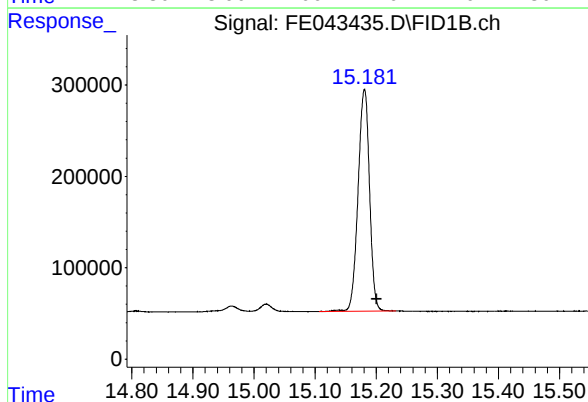
R.T.: 13.325 min
Delta R.T.: -0.021 min
Response: 2868730
Conc: 21.83 ug/ml



#13 n-Docosane (C22)

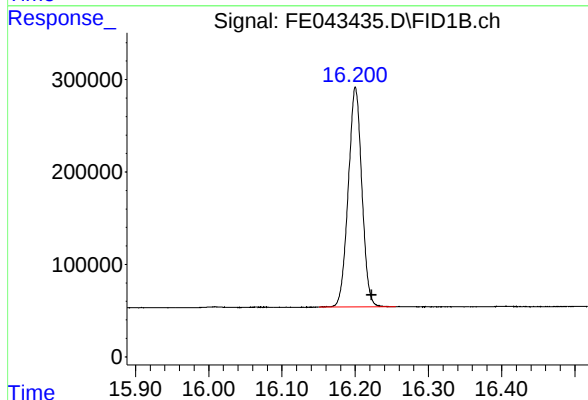
R.T.: 14.078 min
Delta R.T.: -0.021 min
Response: 3198959
Conc: 21.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



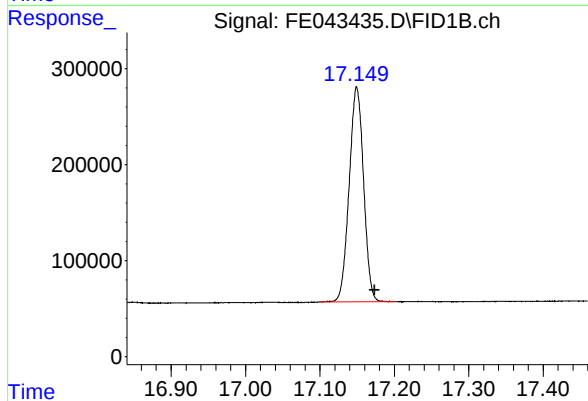
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.020 min
Response: 3164525
Conc: 21.55 ug/ml



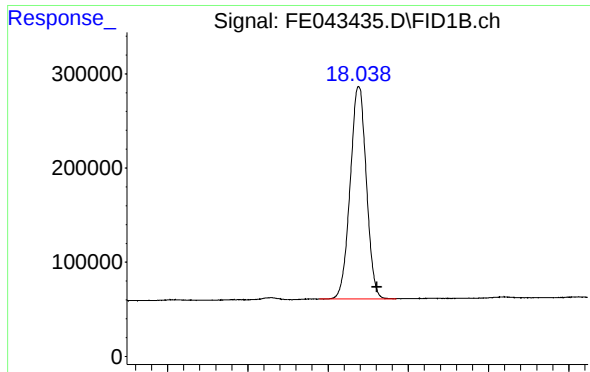
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.022 min
Response: 3065908
Conc: 21.53 ug/ml



#16 n-Octacosane (C28)

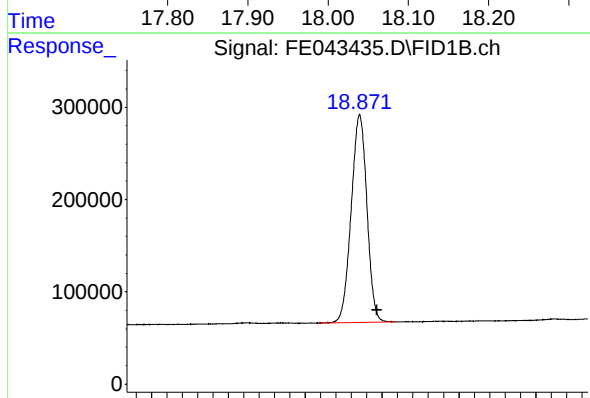
R.T.: 17.149 min
Delta R.T.: -0.024 min
Response: 3017216
Conc: 21.44 ug/ml



#17 n-Tricontane (C30)

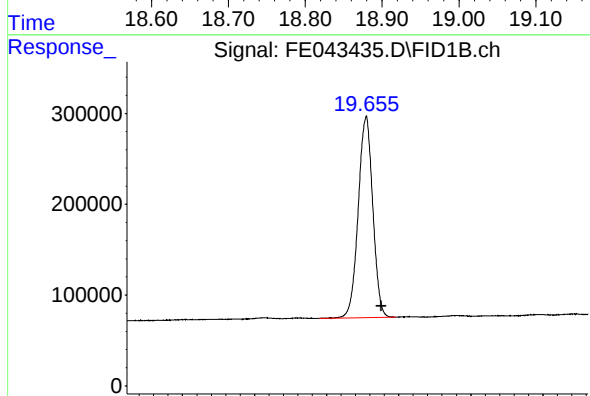
R.T.: 18.038 min
Delta R.T.: -0.023 min
Response: 3157463
Conc: 21.43 ug/ml

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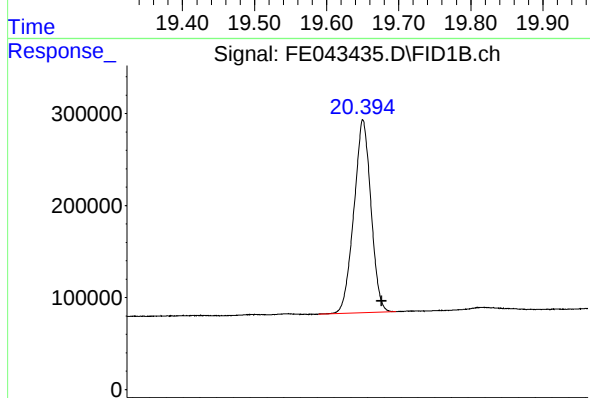
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.023 min
Response: 3198460
Conc: 21.59 ug/ml



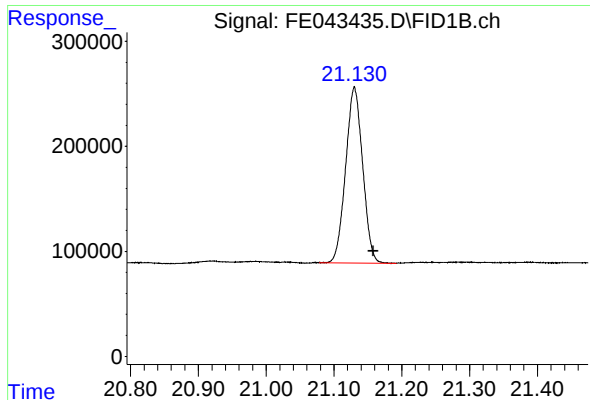
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.021 min
Response: 3113530
Conc: 21.57 ug/ml



#20 n-Hexatriacontane (C36)

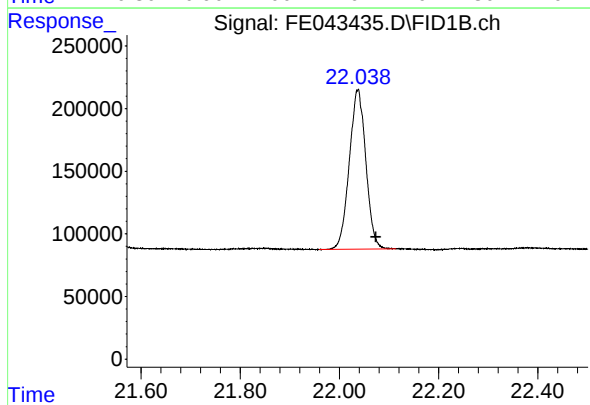
R.T.: 20.395 min
Delta R.T.: -0.022 min
Response: 2961860
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.028 min
Response: 2913562
Conc: 20.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.037 min
Response: 2950449
Conc: 19.99 ug/ml