

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101422AL\
 Data File : FE038159.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2022 17:43
 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: Oct 15 17:01:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.598	3020644	17.464 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
12) S 1-chlorooctadecane (S...	13.018	2400335	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
Target Compounds			
1) T n-Nonane (C9)	2.993	2673818	18.155 ug/ml
2) T n-Decane (C10)	4.250	2776502	18.779 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2596577	18.961 ug/ml
4) T n-Dodecane (C12)	6.422	2880115	18.901 ug/ml
5) T A~2-methylnaphthalene...	7.067	2467322	18.564 ug/ml
6) T n-Tetradecane (C14)	8.241	2907288	18.995 ug/ml
7) T n-Hexadecane (C16)	9.840	2940435	18.825 ug/ml
8) T n-Octadecane (C18)	11.274	2959808	18.453 ug/ml
10) T n-Eicosane (C20)	12.574	2935764	18.003 ug/ml
11) T n-Heneicosane (C21)	13.183	2902013	17.613 ug/ml
13) T n-Docosane (C22)	13.766	2938871	17.853 ug/ml
14) T n-Tetracosane (C24)	14.862	2871493	17.509 ug/ml
15) T n-Hexacosane (C26)	15.877	2793256	17.130 ug/ml
16) T n-Octacosane (C28)	16.821	2793550	17.438 ug/ml
17) T n-Tricontane (C30)	17.704	2938595	18.363 ug/ml
18) T n-Dotriacontane (C32)	18.532	2962943	18.816 ug/ml
19) T n-Tetratriacontane (C34)	19.312	2772287	18.712 ug/ml
20) T n-Hexatriacontane (C36)	20.048	2679051	18.583 ug/ml
21) T n-Octatriacontane (C38)	20.746	2611731	19.246 ug/ml
22) T n-Tetracontane (C40)	21.511	2680046	21.054 ug/ml

(f)=RT Delta > 1/2 Window

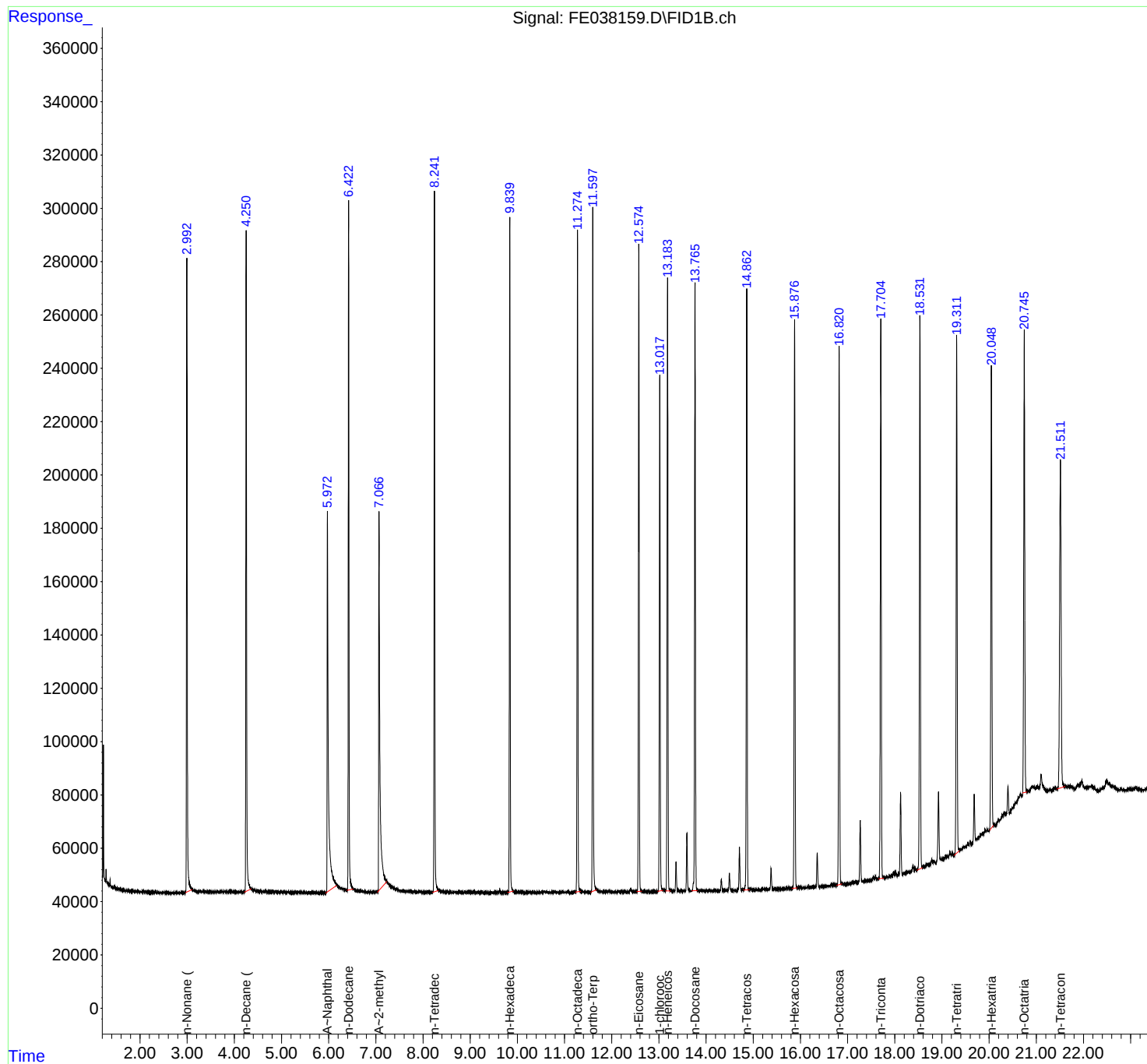
(m)=manual int.

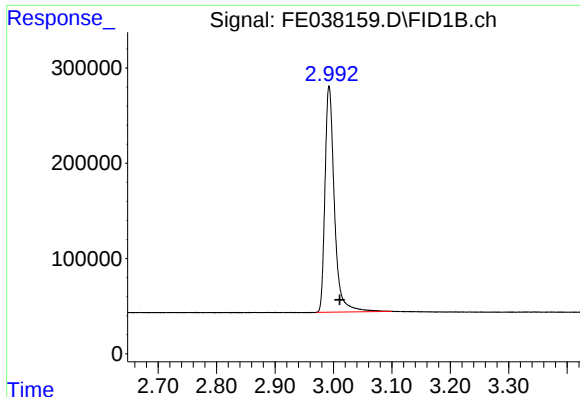
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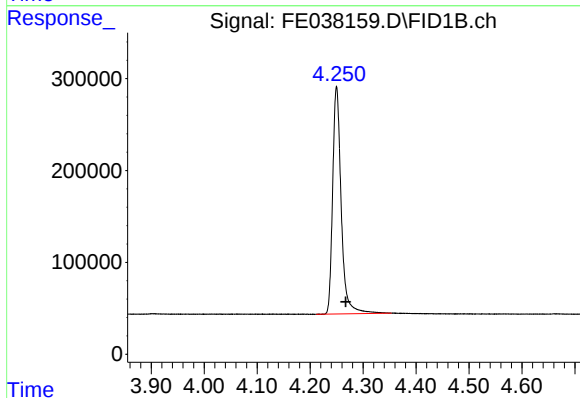




#1 n-Nonane (C9)

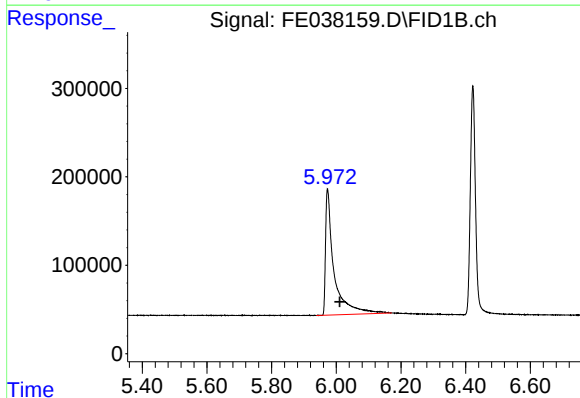
R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 2673818
Conc: 18.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



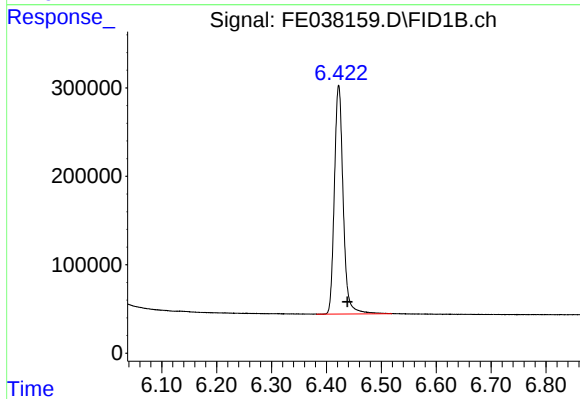
#2 n-Decane (C10)

R.T.: 4.250 min
Delta R.T.: -0.018 min
Response: 2776502
Conc: 18.78 ug/ml



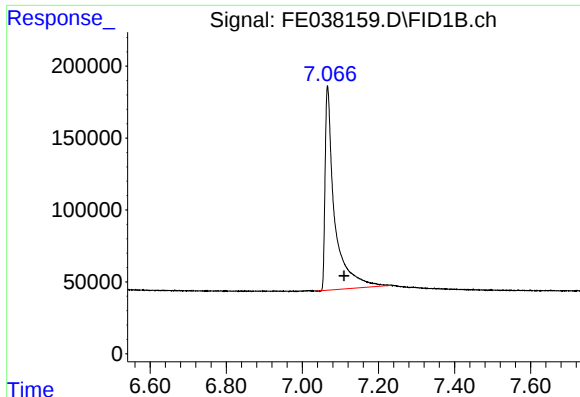
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.038 min
Response: 2596577
Conc: 18.96 ug/ml



#4 n-Dodecane (C12)

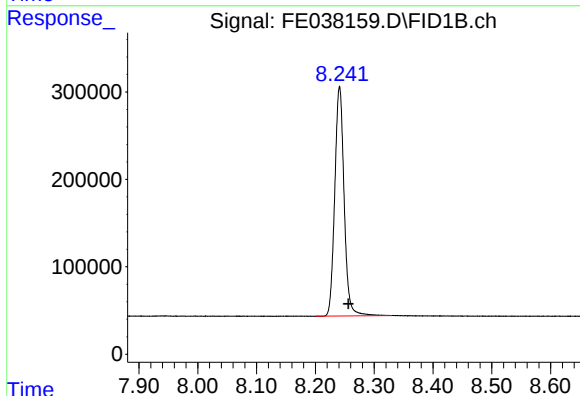
R.T.: 6.422 min
Delta R.T.: -0.016 min
Response: 2880115
Conc: 18.90 ug/ml



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

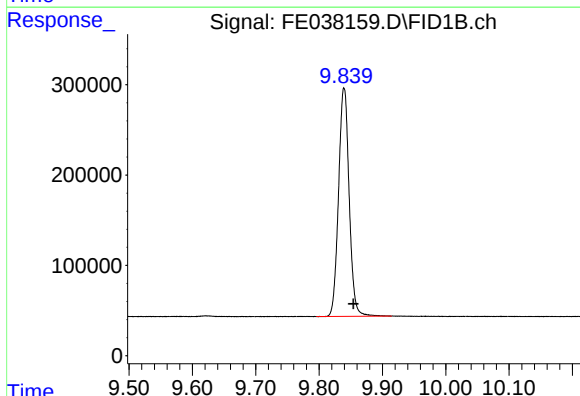
R.T.: 7.067 min
Delta R.T.: -0.043 min
Response: 2467322
Conc: 18.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



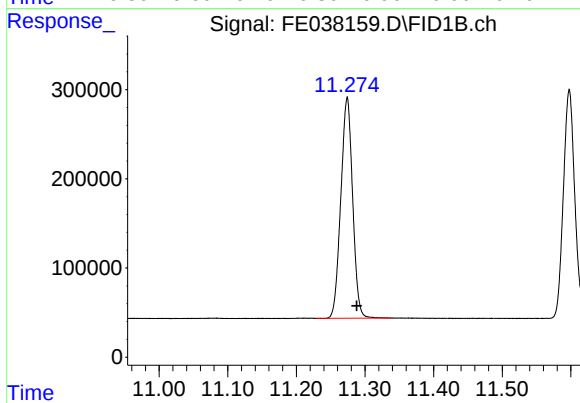
#6 n-Tetradecane (C14)

R.T.: 8.241 min
Delta R.T.: -0.015 min
Response: 2907288
Conc: 19.00 ug/ml



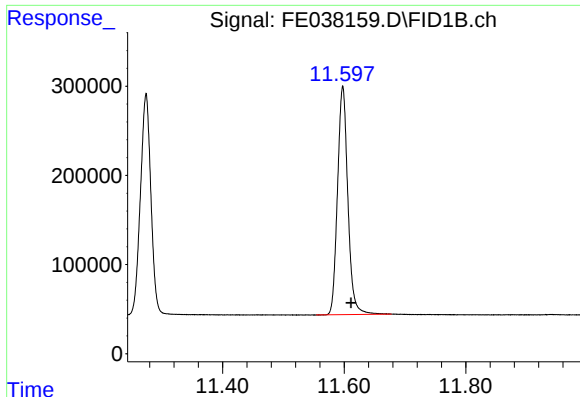
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.014 min
Response: 2940435
Conc: 18.82 ug/ml



#8 n-Octadecane (C18)

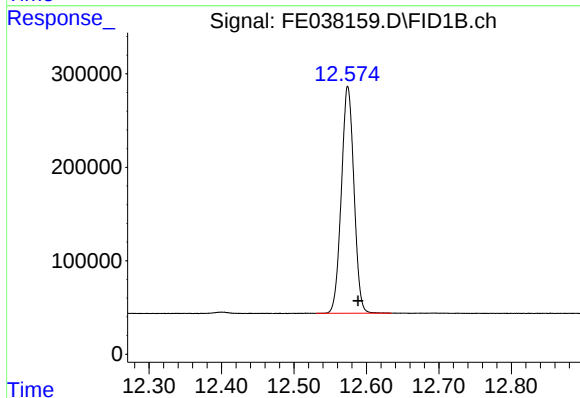
R.T.: 11.274 min
Delta R.T.: -0.014 min
Response: 2959808
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

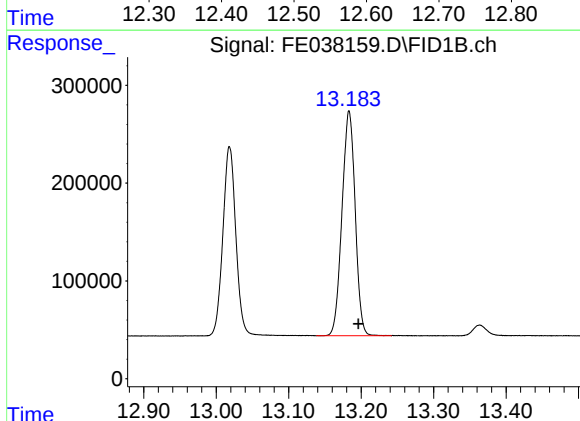
R.T.: 11.598 min
Delta R.T.: -0.014 min
Response: 3020644
Conc: 17.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



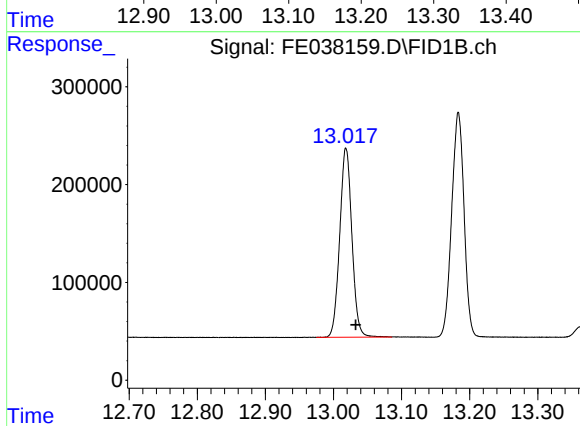
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.014 min
Response: 2935764
Conc: 18.00 ug/ml



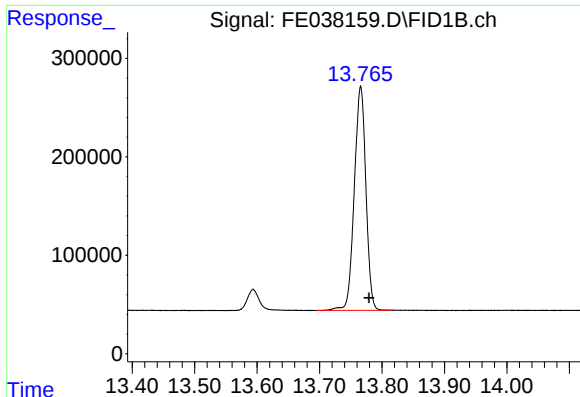
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.013 min
Response: 2902013
Conc: 17.61 ug/ml



#12 1-chlorooctadecane (SURR)

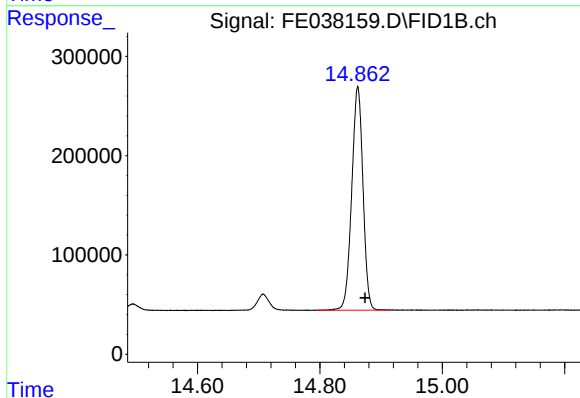
R.T.: 13.018 min
Delta R.T.: -0.015 min
Response: 2400335
Conc: 17.76 ug/ml



#13 n-Docosane (C22)

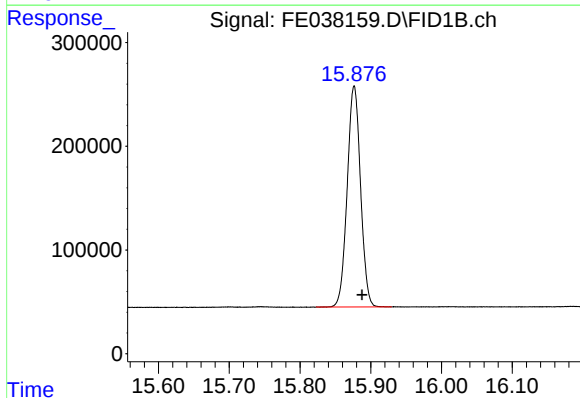
R.T.: 13.766 min
Delta R.T.: -0.013 min
Response: 2938871
Conc: 17.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



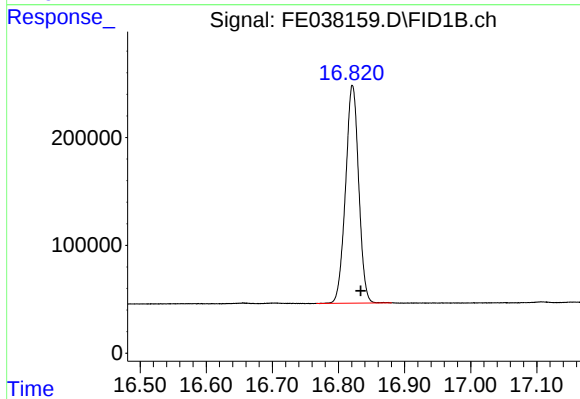
#14 n-Tetracosane (C24)

R.T.: 14.862 min
Delta R.T.: -0.012 min
Response: 2871493
Conc: 17.51 ug/ml



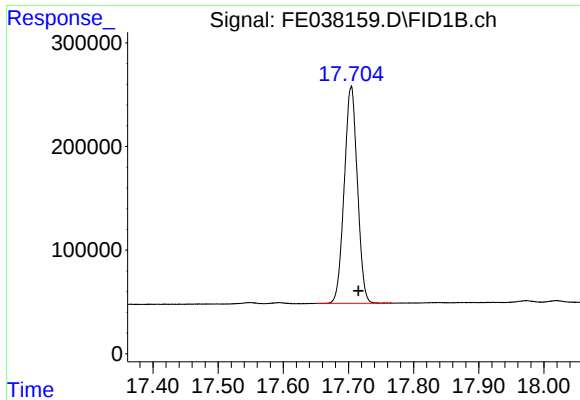
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.011 min
Response: 2793256
Conc: 17.13 ug/ml



#16 n-Octacosane (C28)

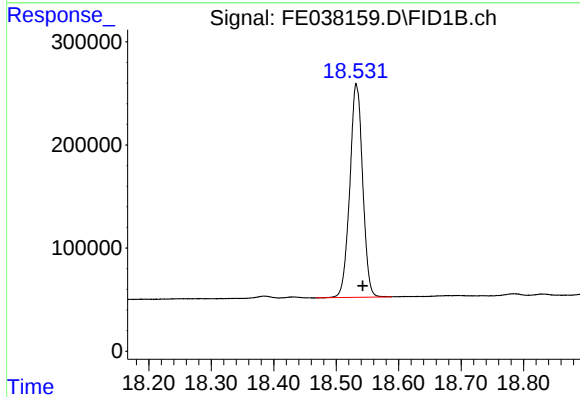
R.T.: 16.821 min
Delta R.T.: -0.012 min
Response: 2793550
Conc: 17.44 ug/ml



#17 n-Tricontane (C30)

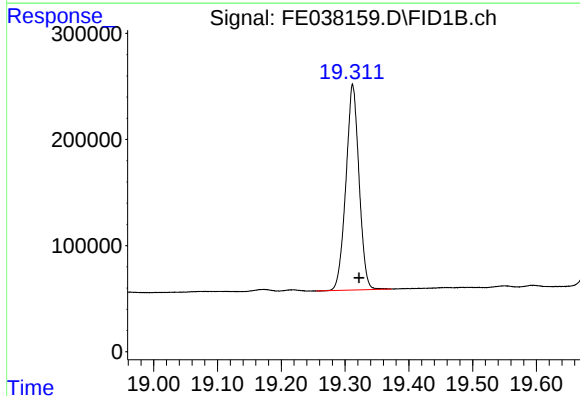
R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 2938595
Conc: 18.36 ug/ml

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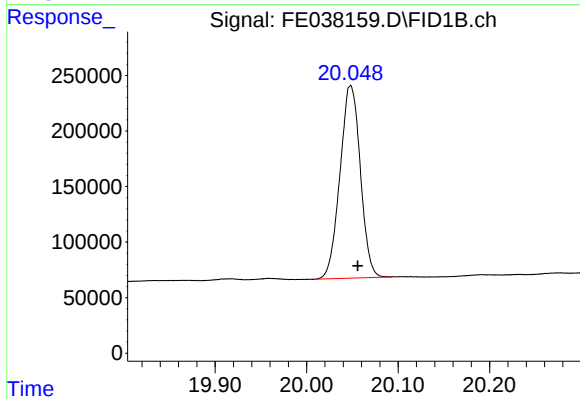
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.010 min
Response: 2962943
Conc: 18.82 ug/ml



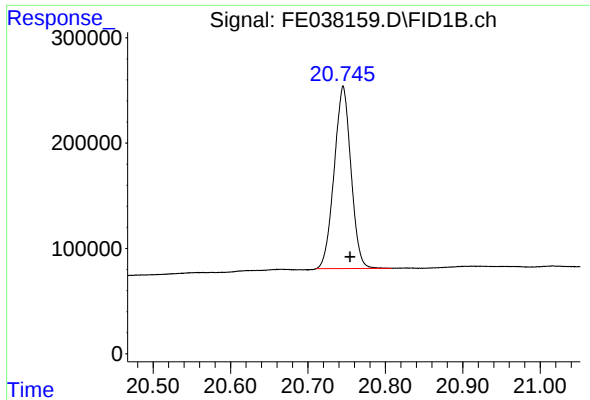
#19 n-Tetratriacontane (C34)

R.T.: 19.312 min
Delta R.T.: -0.010 min
Response: 2772287
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

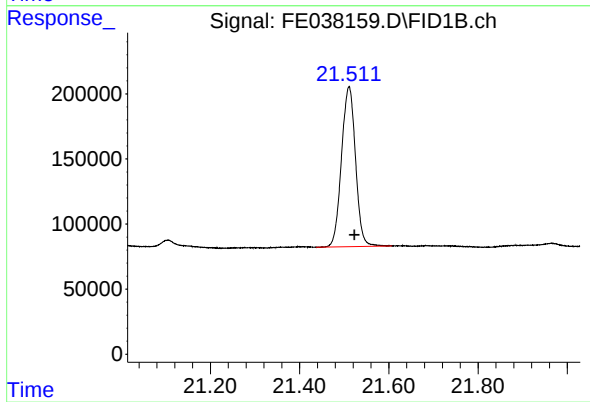
R.T.: 20.048 min
Delta R.T.: -0.008 min
Response: 2679051
Conc: 18.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.009 min
Response: 2611731
Conc: 19.25 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: -0.012 min
Response: 2680046
Conc: 21.05 ug/ml