

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
 Data File : FE051619.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2024 11:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 12 00:33:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.825	2844872	18.826 ug/ml
Spiked Amount 50.000		Recovery =	37.65%
12) S 1-chlorooctadecane (S...	13.260	2166597	19.387 ug/ml
Spiked Amount 50.000		Recovery =	38.77%
Target Compounds			
1) T n-Nonane (C9)	3.215	2631071	18.773 ug/ml
2) T n-Decane (C10)	4.463	2698340	19.028 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2467874	18.669 ug/ml
4) T n-Dodecane (C12)	6.631	2721852	19.122 ug/ml
5) T A~2-methylnaphthalene...	7.276	2270856	18.929 ug/ml
6) T n-Tetradecane (C14)	8.458	2671652	19.166 ug/ml
7) T n-Hexadecane (C16)	10.064	2733076	19.236 ug/ml
8) T n-Octadecane (C18)	11.505	2726087	18.969 ug/ml
10) T n-Eicosane (C20)	12.813	2614650	18.941 ug/ml
11) T n-Heneicosane (C21)	13.424	2567193	18.939 ug/ml
13) T n-Docosane (C22)	14.009	2536954	18.946 ug/ml
14) T n-Tetracosane (C24)	15.111	2518914	19.063 ug/ml
15) T n-Hexacosane (C26)	16.129	2500577	19.283 ug/ml
16) T n-Octacosane (C28)	17.079	2503820	19.639 ug/ml
17) T n-Tricontane (C30)	17.966	2611361	20.168 ug/ml
18) T n-Dotriacontane (C32)	18.797	2567016	20.505 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2290118	20.277 ug/ml
20) T n-Hexatriacontane (C36)	20.319	1987029	20.632 ug/ml
21) T n-Octatriacontane (C38)	21.040	1945459	21.368 ug/ml
22) T n-Tetracontane (C40)	21.913	1927880	21.999 ug/ml

(f)=RT Delta > 1/2 Window

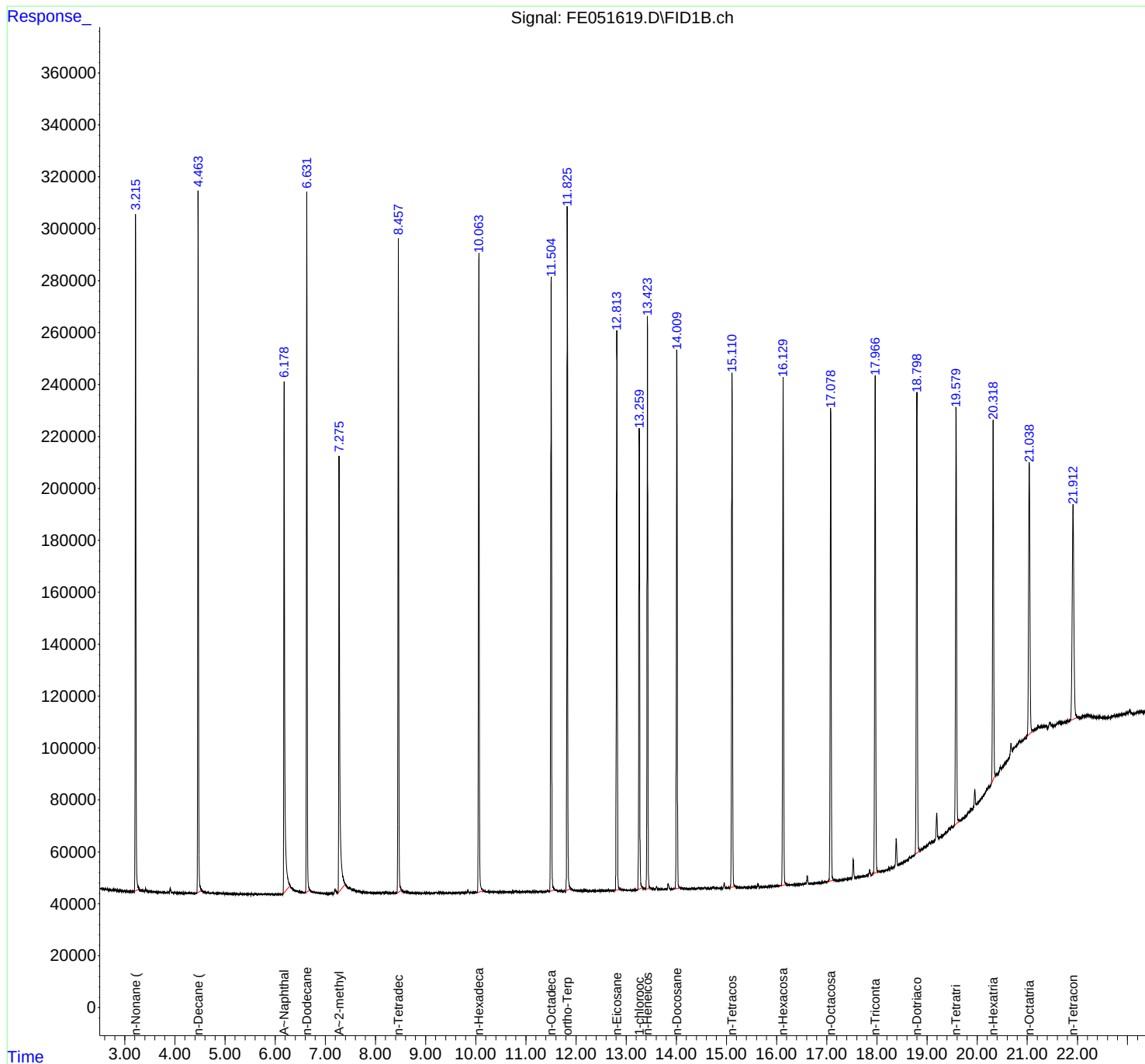
(m)=manual int.

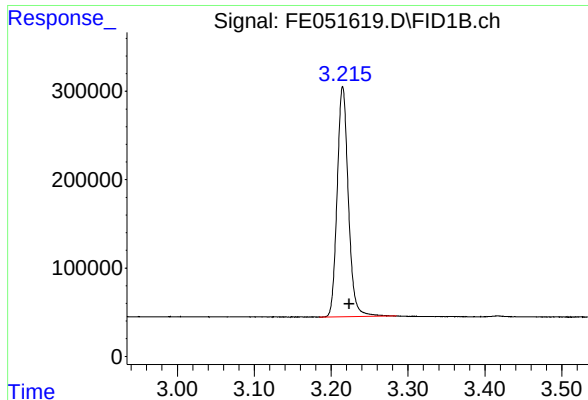
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121124AL\
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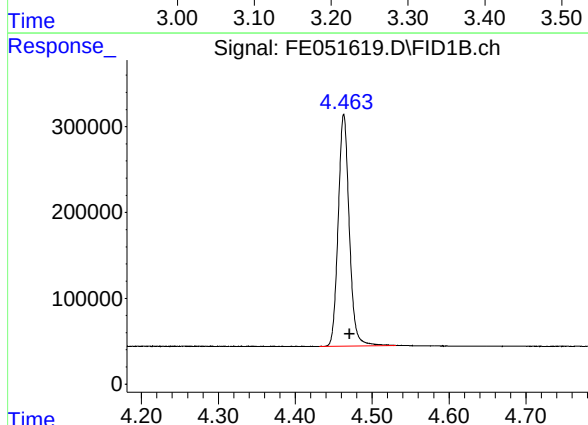




#1 n-Nonane (C9)

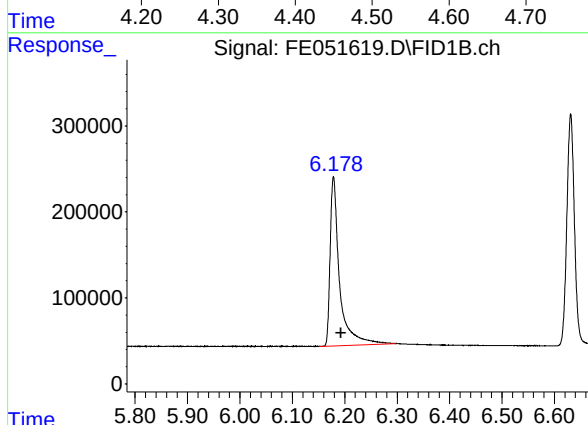
R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 2631071
Conc: 18.77 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



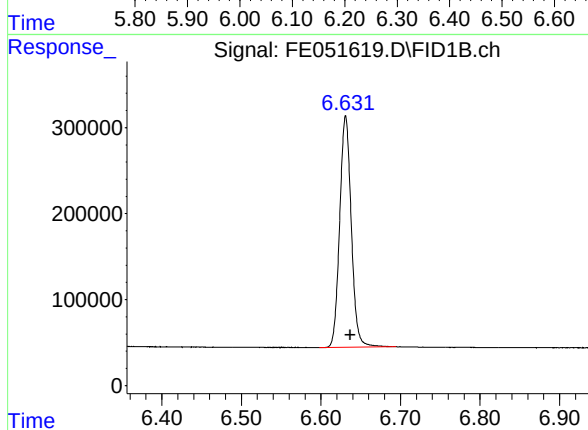
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.008 min
Response: 2698340
Conc: 19.03 ug/ml



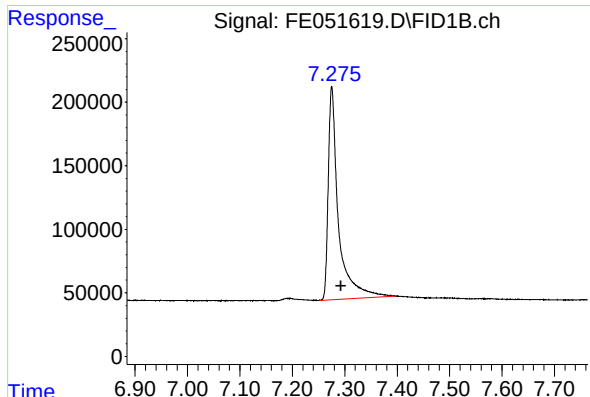
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 2467874
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

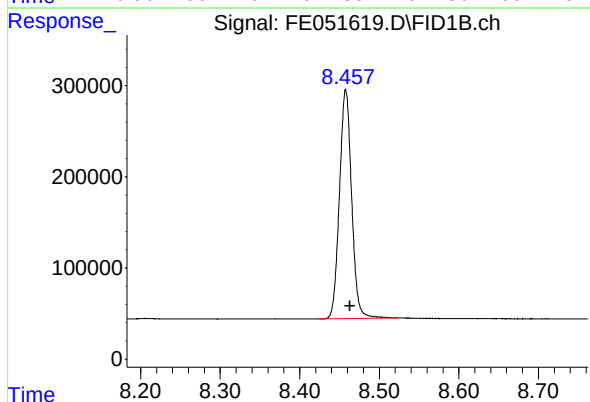
R.T.: 6.631 min
Delta R.T.: -0.006 min
Response: 2721852
Conc: 19.12 ug/ml



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

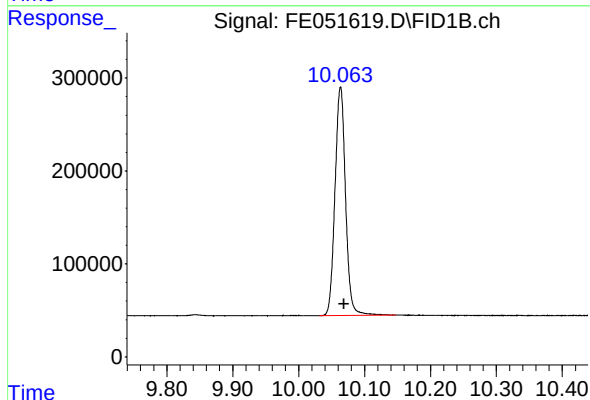
R.T.: 7.276 min
Delta R.T.: -0.017 min
Response: 2270856
Conc: 18.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



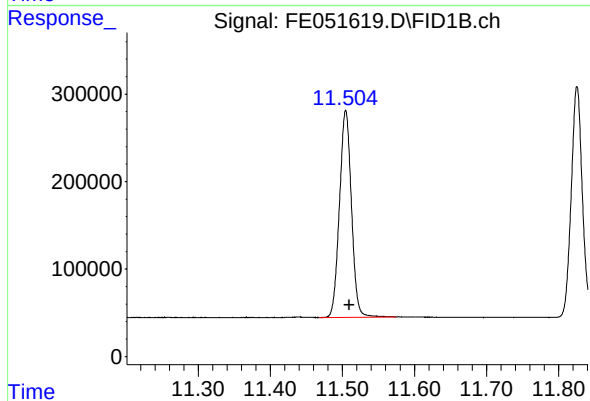
#6 n-Tetradecane (C14)

R.T.: 8.458 min
Delta R.T.: -0.005 min
Response: 2671652
Conc: 19.17 ug/ml



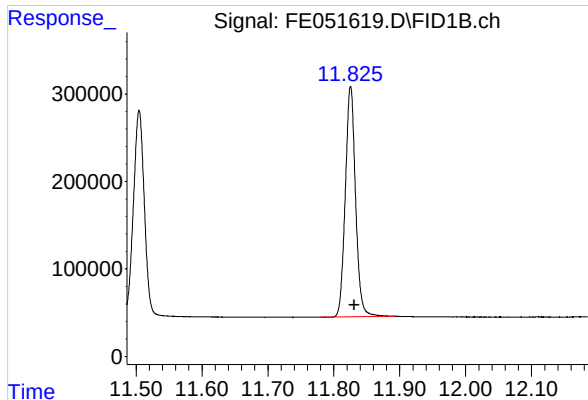
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.006 min
Response: 2733076
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

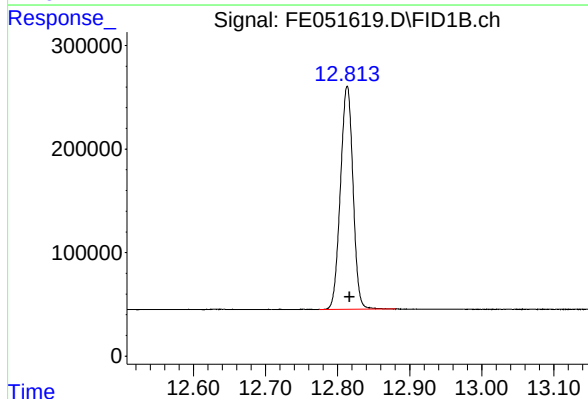
R.T.: 11.505 min
Delta R.T.: -0.005 min
Response: 2726087
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

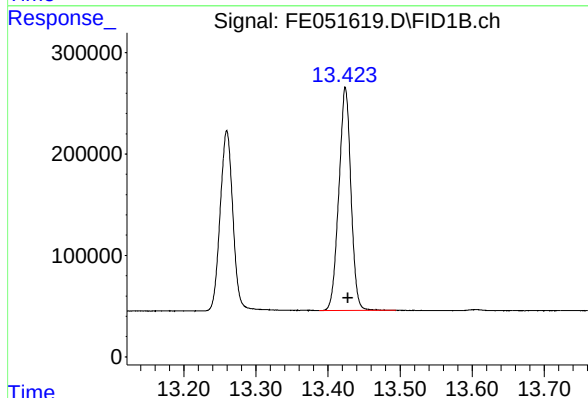
R.T.: 11.825 min
Delta R.T.: -0.006 min
Response: 2844872
Conc: 18.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



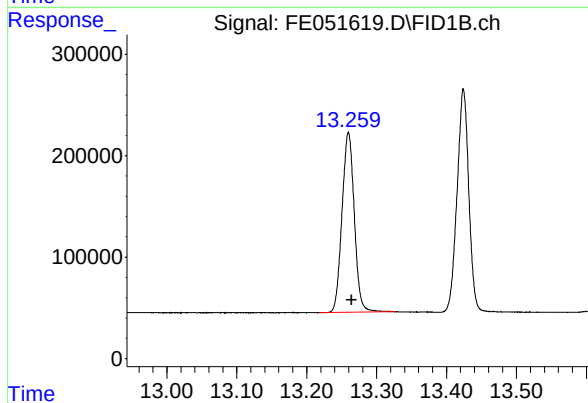
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.003 min
Response: 2614650
Conc: 18.94 ug/ml



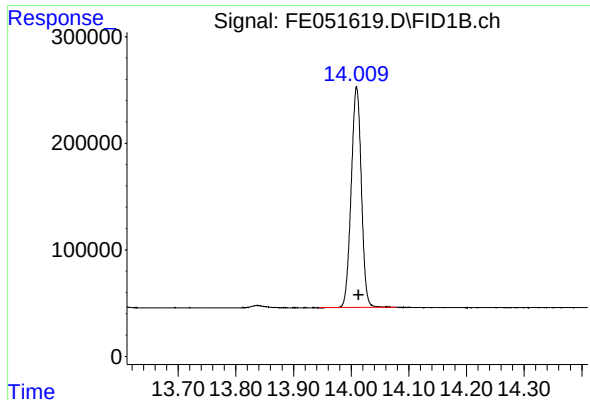
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.003 min
Response: 2567193
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

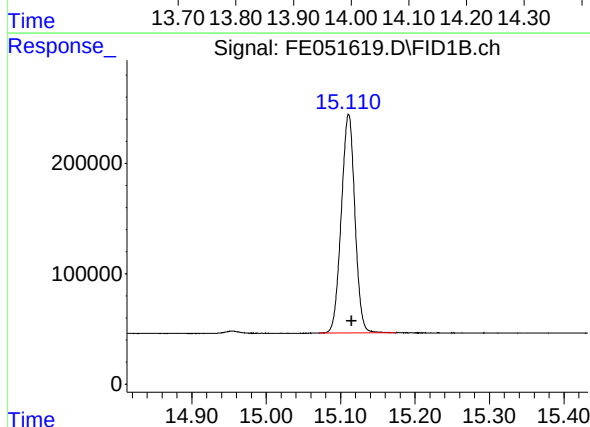
R.T.: 13.260 min
Delta R.T.: -0.005 min
Response: 2166597
Conc: 19.39 ug/ml



#13 n-Docosane (C22)

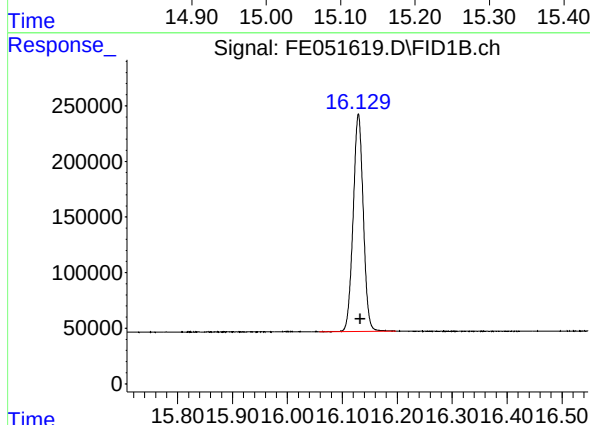
R.T.: 14.009 min
Delta R.T.: -0.004 min
Response: 2536954
Conc: 18.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



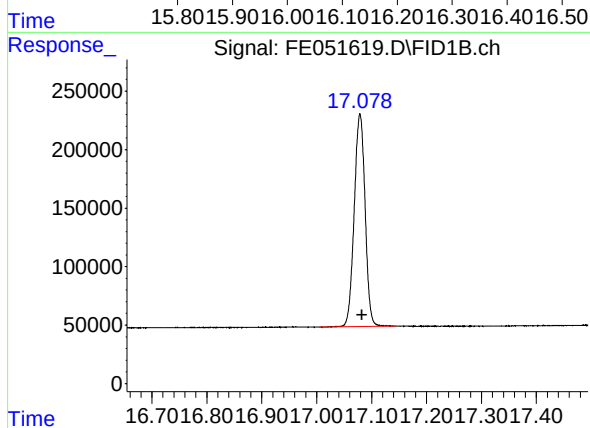
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.004 min
Response: 2518914
Conc: 19.06 ug/ml



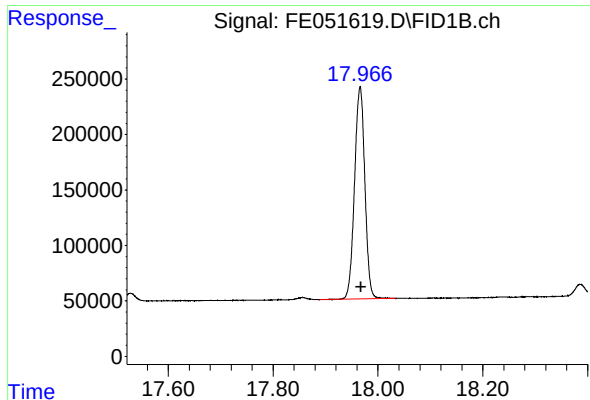
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.004 min
Response: 2500577
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

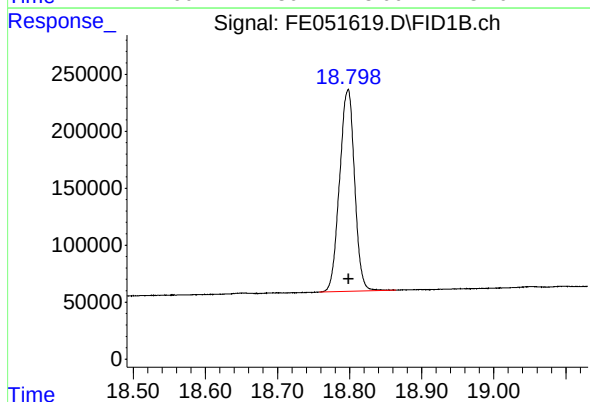
R.T.: 17.079 min
Delta R.T.: -0.003 min
Response: 2503820
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

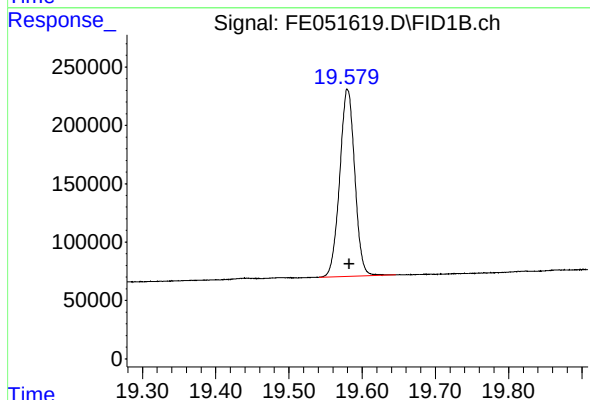
R.T.: 17.966 min
Delta R.T.: -0.002 min
Response: 2611361
Conc: 20.17 ug/ml

Instrument :
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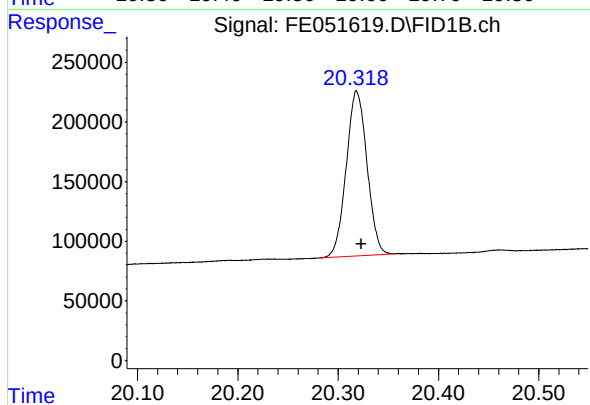
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.001 min
Response: 2567016
Conc: 20.51 ug/ml



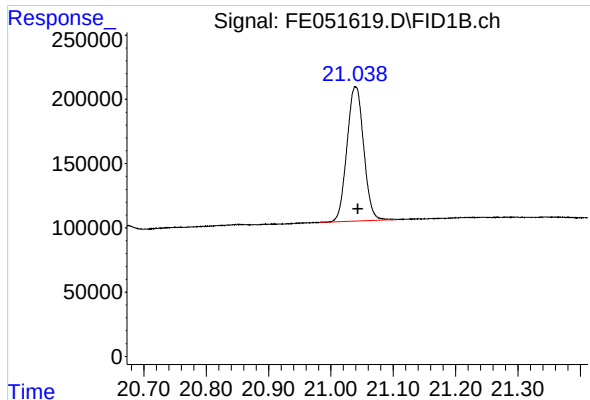
#19 n-Tetatriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 2290118
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

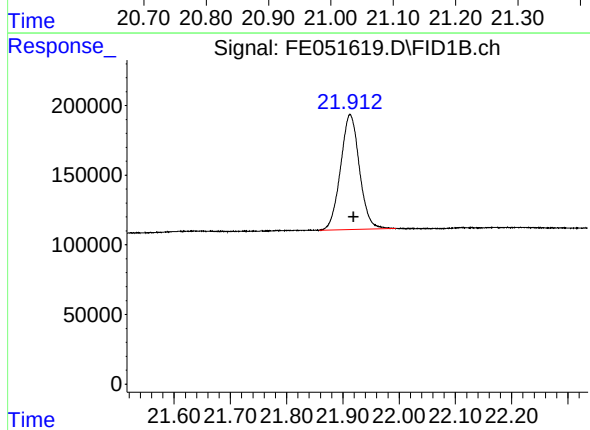
R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 1987029
Conc: 20.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.040 min
Delta R.T.: -0.004 min
Response: 1945459
Conc: 21.37 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.007 min
Response: 1927880
Conc: 22.00 ug/ml