

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424AL\
 Data File : FE050664.D
 Signal(s) : FID1B.ch
 Acq On : 15 Oct 2024 06:58
 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: Oct 15 07:23:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.857	3111814	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	13.290	2329816	19.695 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.248	2748039	19.450 ug/ml
2) T n-Decane (C10)	4.497	2837276	19.775 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2807265	19.633 ug/ml
4) T n-Dodecane (C12)	6.664	2842797	19.751 ug/ml
5) T A~2-methylnaphthalene...	7.304	2623082	19.800 ug/ml
6) T n-Tetradecane (C14)	8.491	2824576	19.743 ug/ml
7) T n-Hexadecane (C16)	10.096	2917549	19.824 ug/ml
8) T n-Octadecane (C18)	11.537	2977443	19.933 ug/ml
10) T n-Eicosane (C20)	12.845	2829861	19.734 ug/ml
11) T n-Heneicosane (C21)	13.455	2769609	19.722 ug/ml
13) T n-Docosane (C22)	14.041	2753837	19.629 ug/ml
14) T n-Tetracosane (C24)	15.143	2753221	19.488 ug/ml
15) T n-Hexacosane (C26)	16.161	2763016	19.635 ug/ml
16) T n-Octacosane (C28)	17.110	2900502	19.822 ug/ml
17) T n-Tricontane (C30)	17.996	3257243	20.485 ug/ml
18) T n-Dotriacontane (C32)	18.828	3336278	20.580 ug/ml
19) T n-Tetratriacontane (C34)	19.611	3021268	20.568 ug/ml
20) T n-Hexatriacontane (C36)	20.349	2556470	20.159 ug/ml
21) T n-Octatriacontane (C38)	21.073	2359497	19.082 ug/ml
22) T n-Tetracontane (C40)	21.956	2048370	18.396 ug/ml

(f)=RT Delta > 1/2 Window

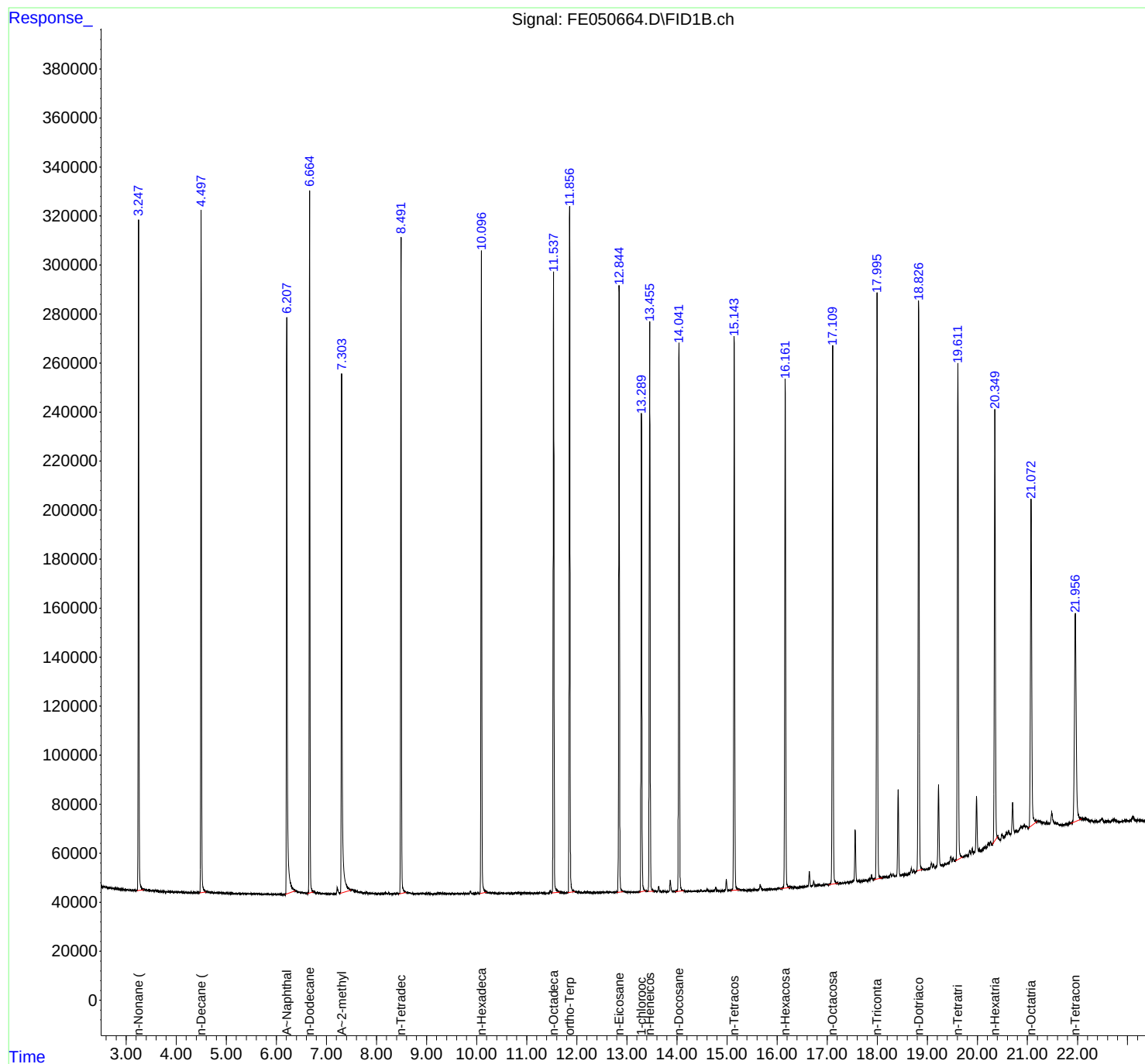
(m)=manual int.

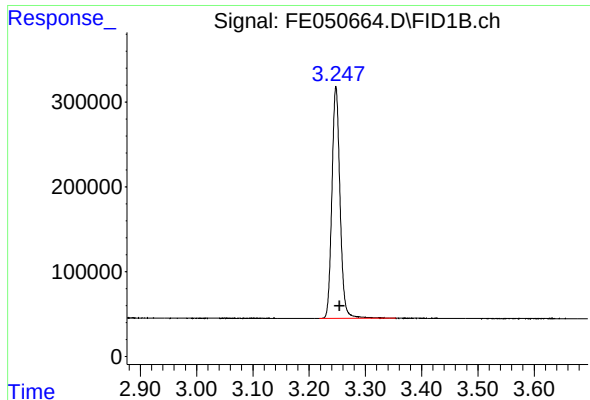
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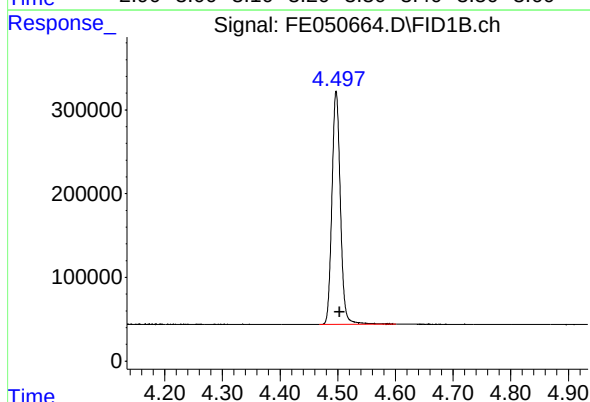




#1 n-Nonane (C9)

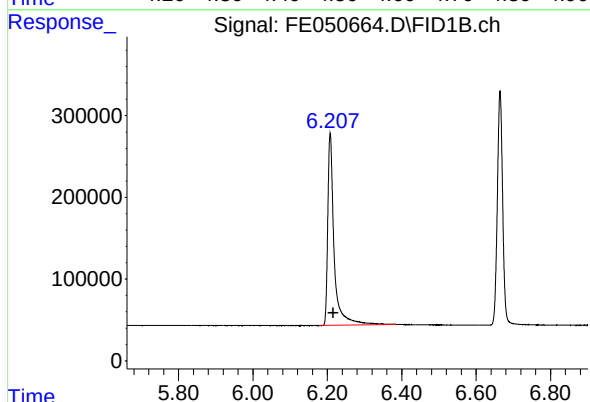
R.T.: 3.248 min
Delta R.T.: -0.006 min
Response: 2748039
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



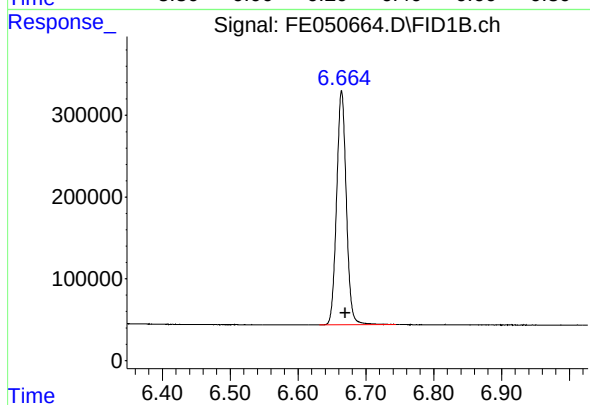
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 2837276
Conc: 19.78 ug/ml



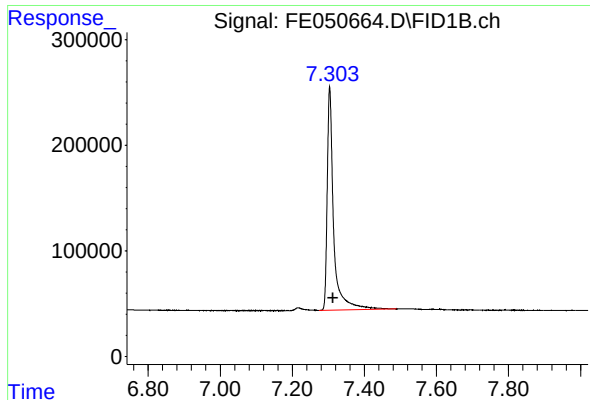
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.009 min
Response: 2807265
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

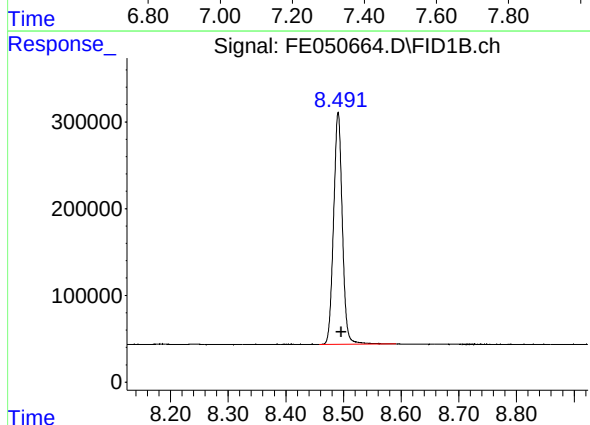
R.T.: 6.664 min
Delta R.T.: -0.005 min
Response: 2842797
Conc: 19.75 ug/ml



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

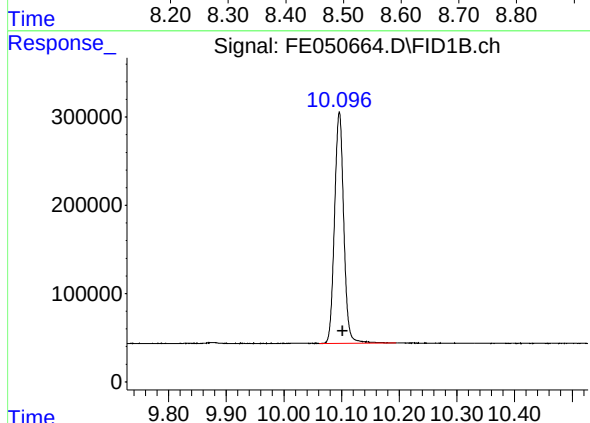
R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 2623082
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



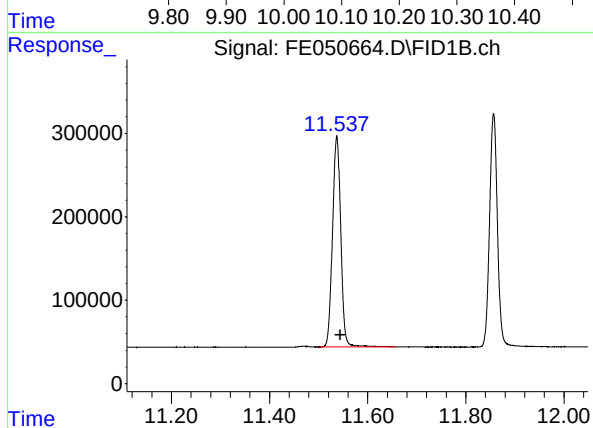
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.006 min
Response: 2824576
Conc: 19.74 ug/ml



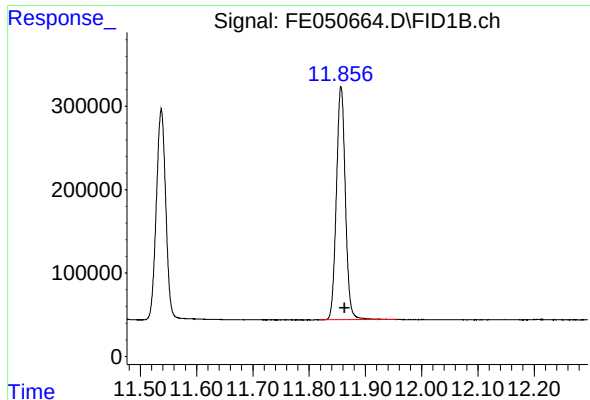
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.006 min
Response: 2917549
Conc: 19.82 ug/ml



#8 n-Octadecane (C18)

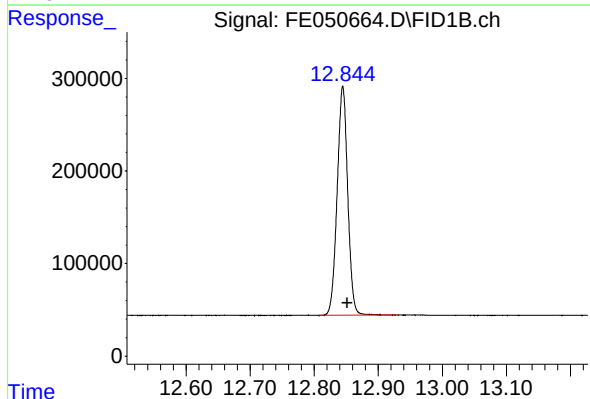
R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 2977443
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

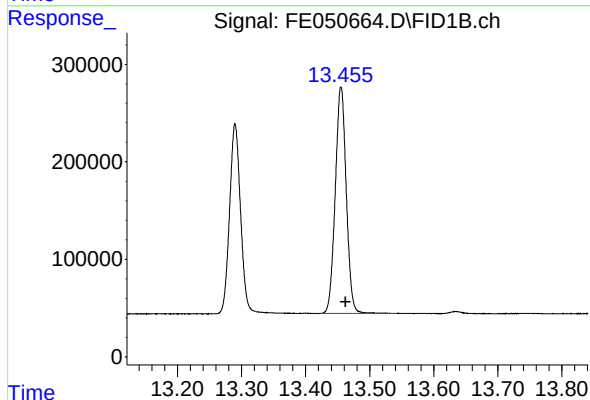
R.T.: 11.857 min
Delta R.T.: -0.006 min
Response: 3111814
Conc: 19.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



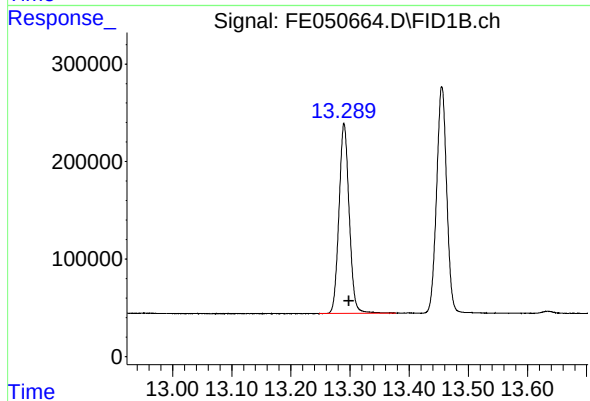
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.007 min
Response: 2829861
Conc: 19.73 ug/ml



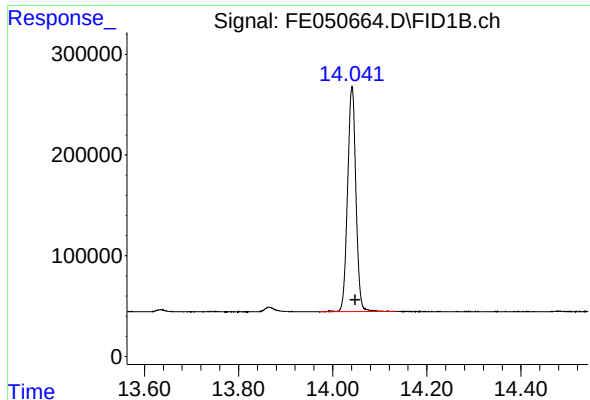
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 2769609
Conc: 19.72 ug/ml



#12 1-chlorooctadecane (SURR)

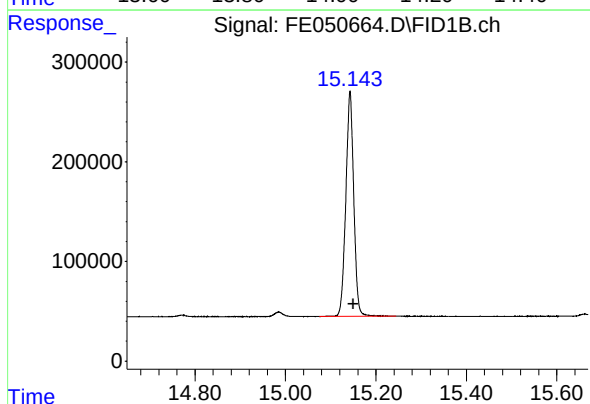
R.T.: 13.290 min
Delta R.T.: -0.008 min
Response: 2329816
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

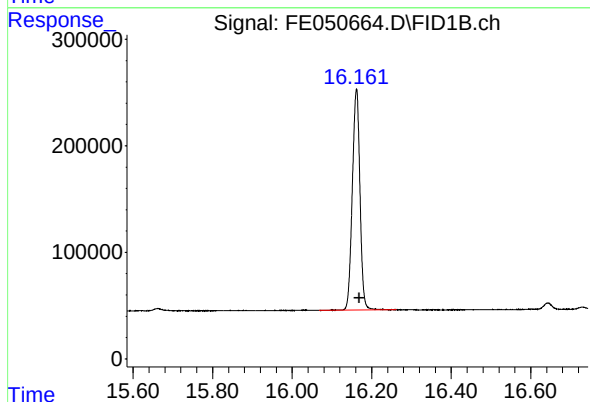
R.T.: 14.041 min
Delta R.T.: -0.007 min
Response: 2753837
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



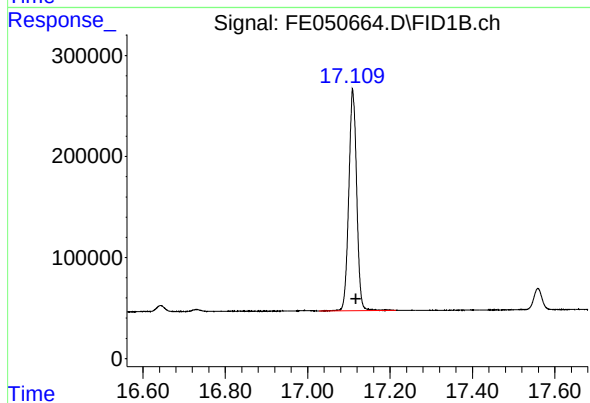
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: -0.007 min
Response: 2753221
Conc: 19.49 ug/ml



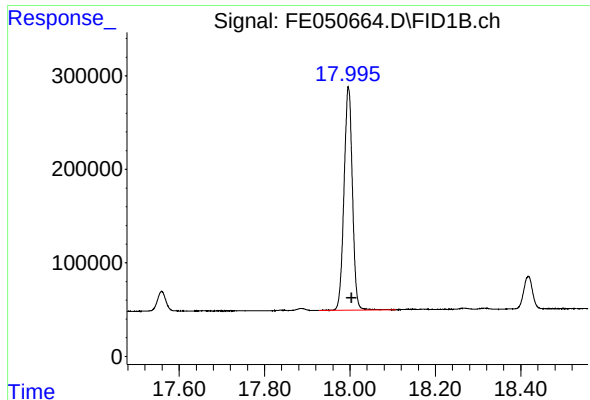
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 2763016
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

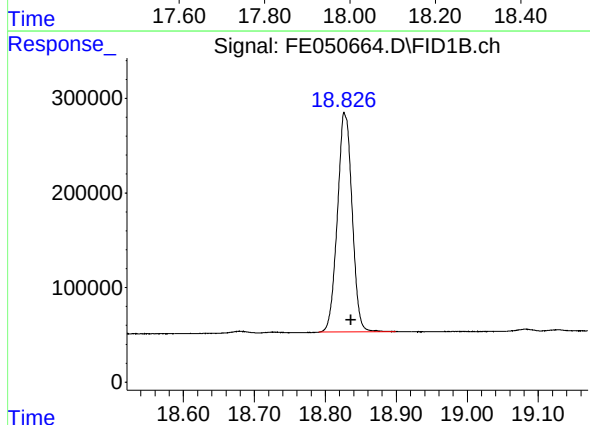
R.T.: 17.110 min
Delta R.T.: -0.008 min
Response: 2900502
Conc: 19.82 ug/ml



#17 n-Tricontane (C30)

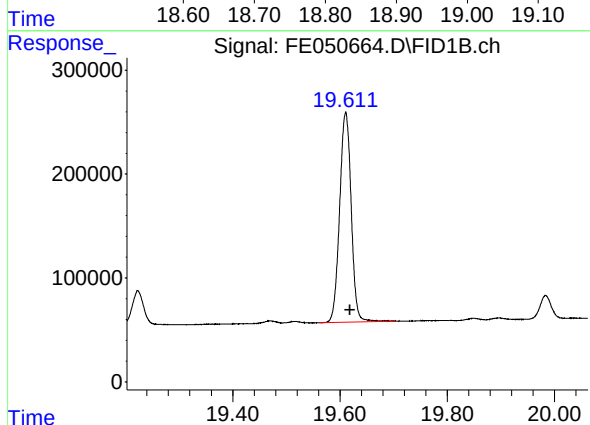
R.T.: 17.996 min
Delta R.T.: -0.008 min
Response: 3257243
Conc: 20.49 ug/ml

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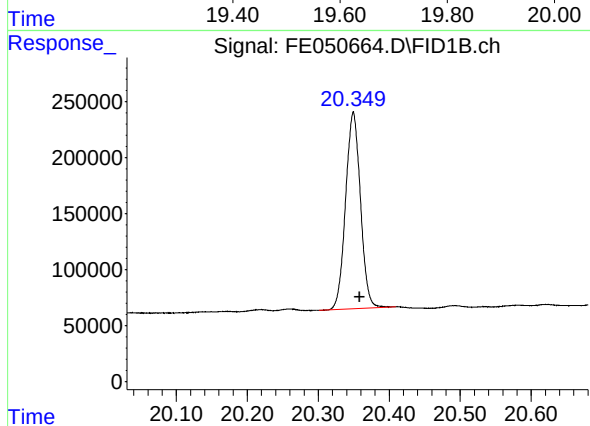
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.009 min
Response: 3336278
Conc: 20.58 ug/ml



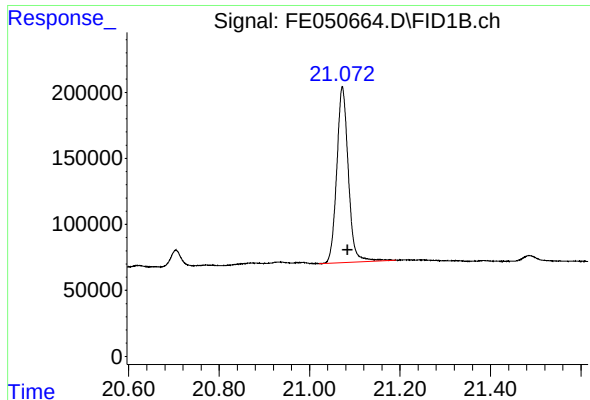
#19 n-Tetratriacontane (C34)

R.T.: 19.611 min
Delta R.T.: -0.008 min
Response: 3021268
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

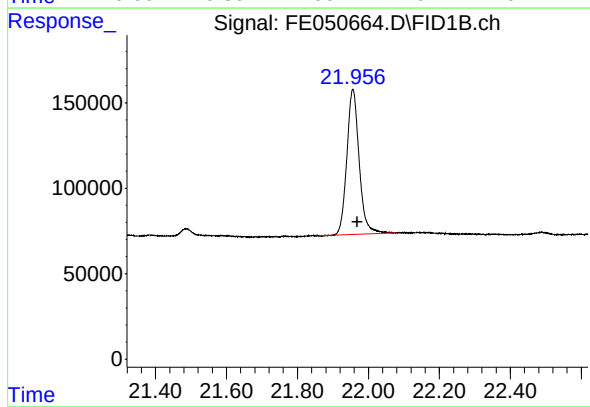
R.T.: 20.349 min
Delta R.T.: -0.009 min
Response: 2556470
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.011 min
Response: 2359497
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.956 min
Delta R.T.: -0.013 min
Response: 2048370
Conc: 18.40 ug/ml