

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112222AL\
 Data File : FE038887.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2022 09:12
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2022
 Supervised By :Ankita Jodhani 11/23/2022

Integration File: sample.E
 Quant Time: Nov 23 03:24:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.951	2778554	17.761 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	13.385	2100167	17.394 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
Target Compounds			
1) T n-Nonane (C9)	3.348	2509520	17.704 ug/ml
2) T n-Decane (C10)	4.597	2468741	17.713 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2832056	17.806 ug/ml
4) T n-Dodecane (C12)	6.760	2493662	17.691 ug/ml
5) T A~2-methylnaphthalene...	7.393	2647733	17.691 ug/ml
6) T n-Tetradecane (C14)	8.585	2518002	17.630 ug/ml
7) T n-Hexadecane (C16)	10.192	2582275	17.661 ug/ml
8) T n-Octadecane (C18)	11.633	2606839	17.716 ug/ml
10) T n-Eicosane (C20)	12.941	2511610	17.692 ug/ml
11) T n-Heneicosane (C21)	13.552	2505888	17.635 ug/ml
13) T n-Docosane (C22)	14.137	2468103	17.656 ug/ml
14) T n-Tetracosane (C24)	15.241	2431012	17.603 ug/ml
15) T n-Hexacosane (C26)	16.260	2370968	17.652 ug/ml
16) T n-Octacosane (C28)	17.209	2351879	17.710 ug/ml
17) T n-Tricontane (C30)	18.097	2346679	17.770 ug/ml
18) T n-Dotriacontane (C32)	18.930	2381378	17.856 ug/ml
19) T n-Tetratriacontane (C34)	19.712	2368774	17.901 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2342358	18.233 ug/mlm
21) T n-Octatriacontane (C38)	21.194	2395316	18.280 ug/ml
22) T n-Tetracontane (C40)	22.112	2392795	17.572 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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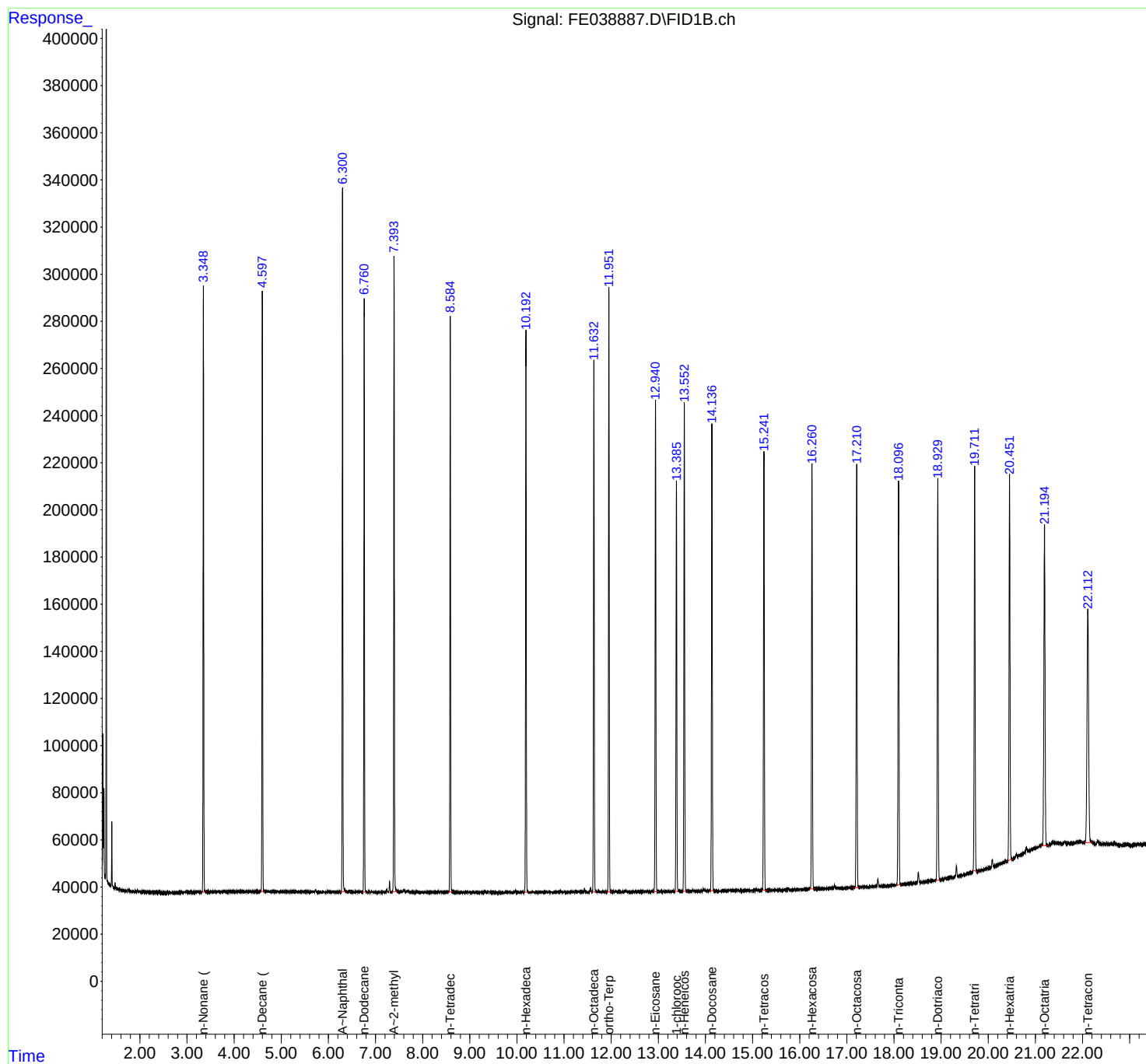
Instrument :
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20 PPM ALIPHATIC HC STD

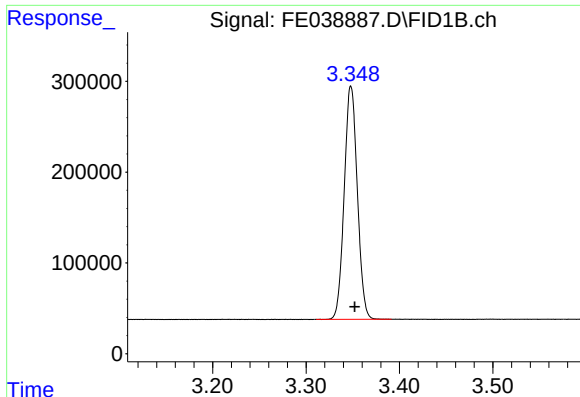
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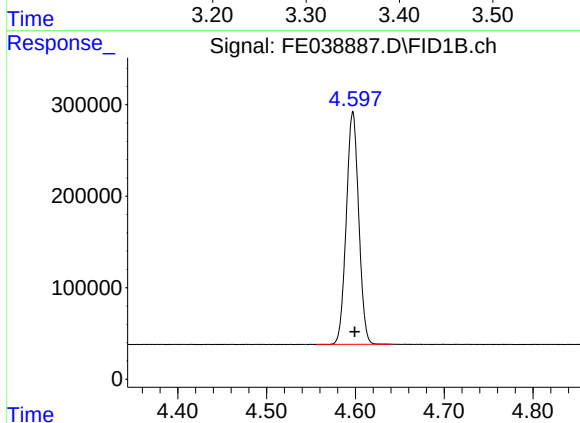
#1 n-Nonane (C9)

R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2509520
Conc: 17.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

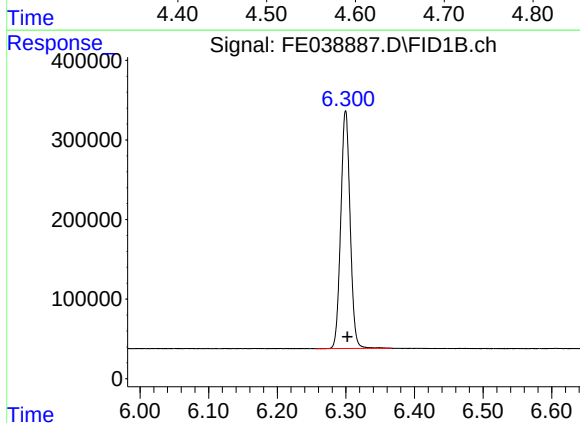
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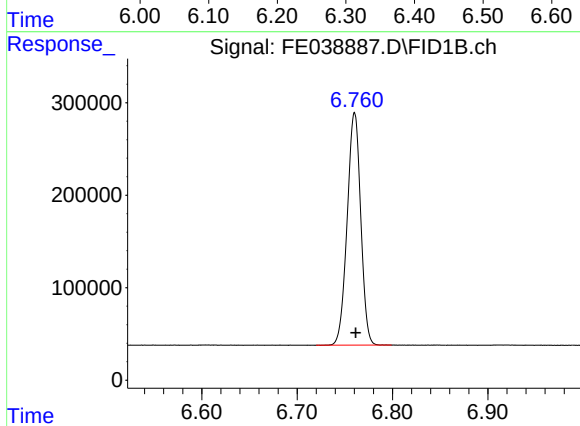
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.002 min
Response: 2468741
Conc: 17.71 ug/ml



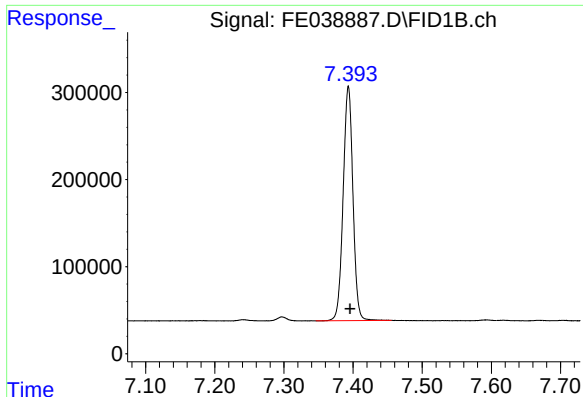
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.003 min
Response: 2832056
Conc: 17.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.760 min
Delta R.T.: -0.001 min
Response: 2493662
Conc: 17.69 ug/ml



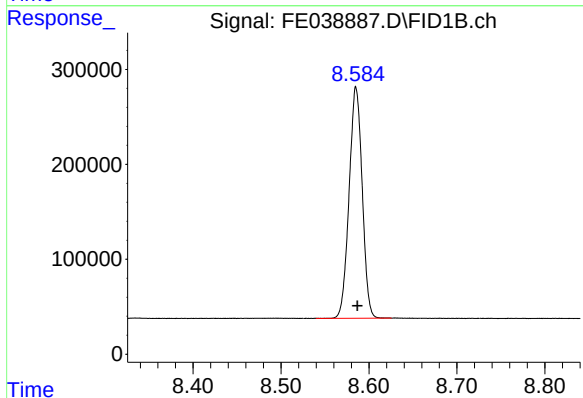
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2647733
Conc: 17.69 ug/ml

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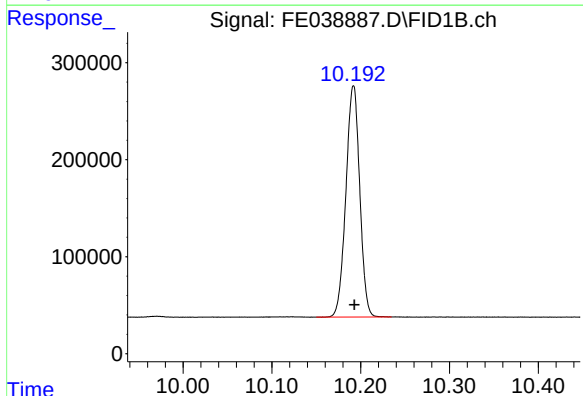
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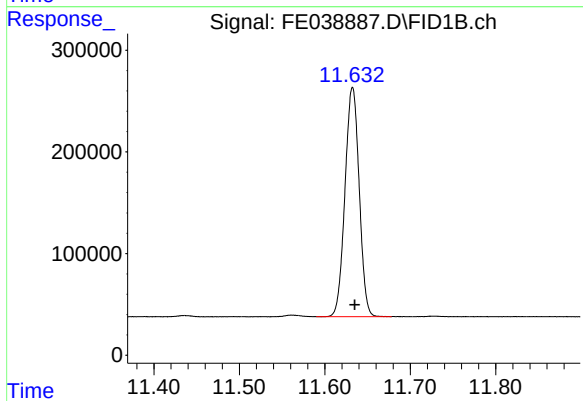
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2518002
Conc: 17.63 ug/ml



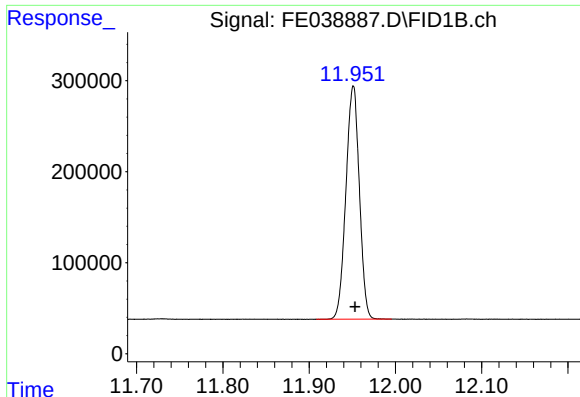
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: 0.000 min
Response: 2582275
Conc: 17.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2606839
Conc: 17.72 ug/ml



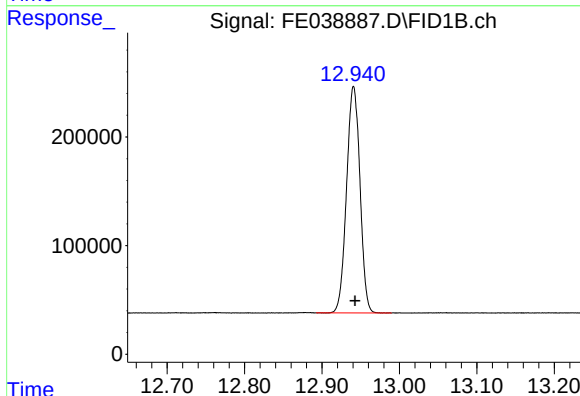
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.002 min
Response: 2778554
Conc: 17.76 ug/ml

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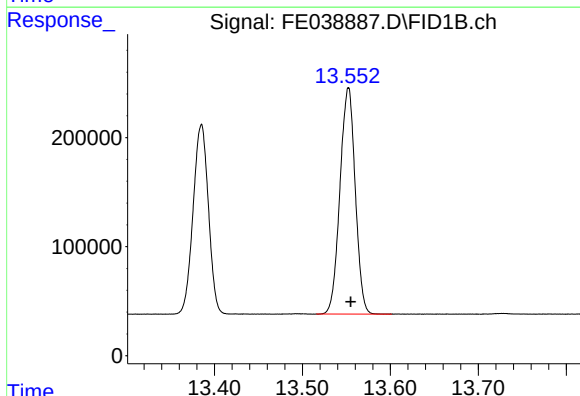
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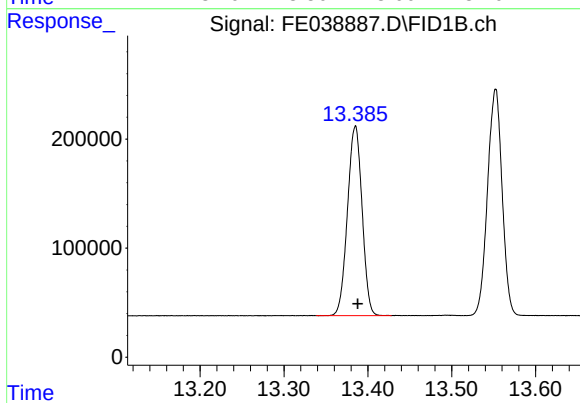
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 2511610
Conc: 17.69 ug/ml



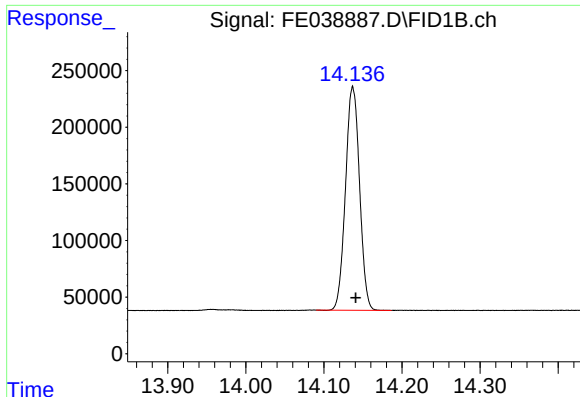
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: -0.002 min
Response: 2505888
Conc: 17.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.003 min
Response: 2100167
Conc: 17.39 ug/ml



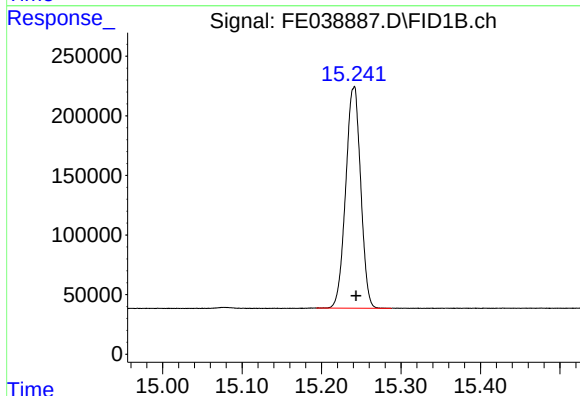
#13 n-Docosane (C22)

R.T.: 14.137 min
Delta R.T.: -0.004 min
Response: 2468103
Conc: 17.66 ug/ml

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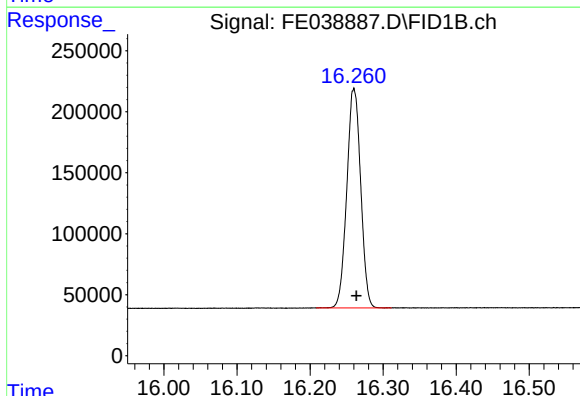
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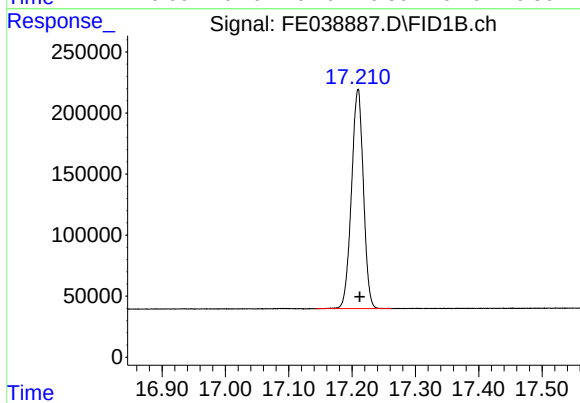
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.003 min
Response: 2431012
Conc: 17.60 ug/ml



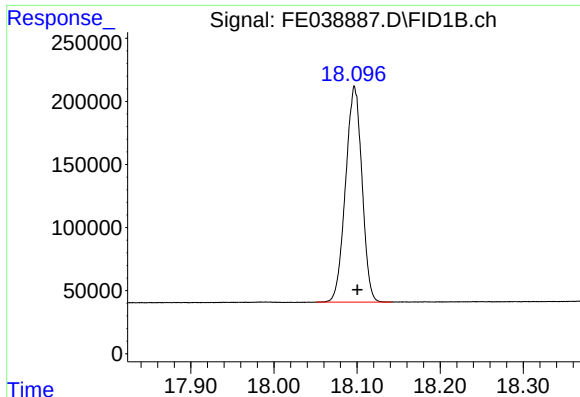
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.003 min
Response: 2370968
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 2351879
Conc: 17.71 ug/ml



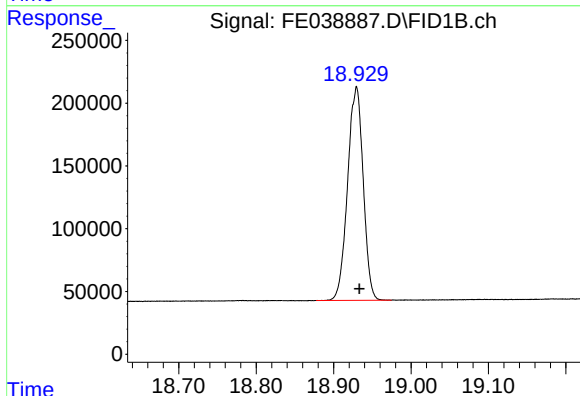
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.003 min
Response: 2346679
Conc: 17.77 ug/ml

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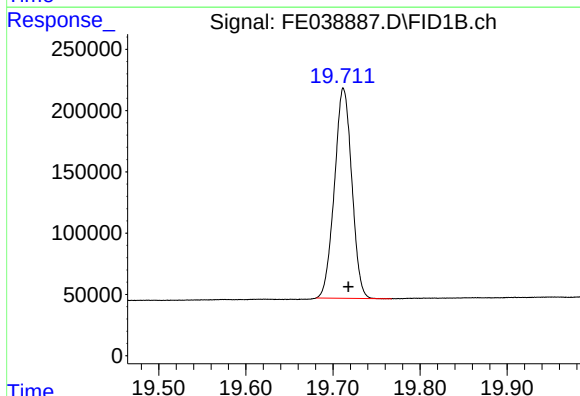
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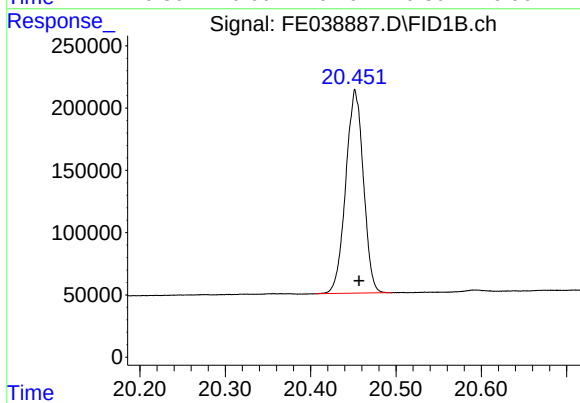
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.004 min
Response: 2381378
Conc: 17.86 ug/ml



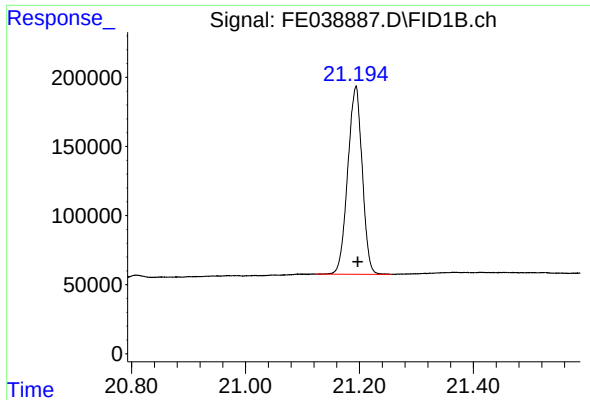
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.006 min
Response: 2368774
Conc: 17.90 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.451 min
Delta R.T.: -0.005 min
Response: 2342358
Conc: 18.23 ug/ml m



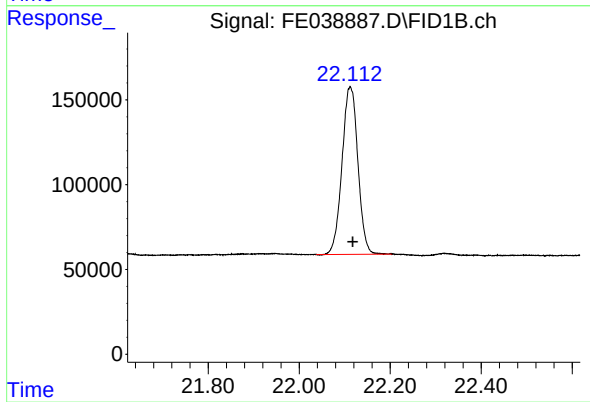
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.003 min
Response: 2395316
Conc: 18.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.005 min
Response: 2392795
Conc: 17.57 ug/ml