

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101222AL\
 Data File : FD044111.D
 Signal(s) : FID2B.ch
 Acq On : 13 Oct 2022 09:59
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/13/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 13 11:29:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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)	11.302	3116103	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	12.719	2488509	19.787 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
Target Compounds			
1) T n-Nonane (C9)	3.134	2514835	18.625 ug/ml
2) T n-Decane (C10)	4.185	2624132	19.532 ug/ml
3) T A~Naphthalene (C11.7)	5.756	2617428	19.590 ug/ml
4) T n-Dodecane (C12)	6.183	2696180	19.403 ug/ml
5) T A~2-methylnaphthalene...	6.802	2680758	20.617 ug/mlm
6) T n-Tetradecane (C14)	7.963	2733518	19.634 ug/ml
7) T n-Hexadecane (C16)	9.550	2802119	19.866 ug/ml
8) T n-Octadecane (C18)	10.980	2890478	19.878 ug/ml
10) T n-Eicosane (C20)	12.278	2949294	19.889 ug/ml
11) T n-Heneicosane (C21)	12.884	2949613	19.660 ug/ml
13) T n-Docosane (C22)	13.466	3066727	20.398 ug/ml
14) T n-Tetracosane (C24)	14.559	3220590	21.338 ug/ml
15) T n-Hexacosane (C26)	15.570	3226932	21.312 ug/ml
16) T n-Octacosane (C28)	16.510	3303744	21.929 ug/ml
17) T n-Tricontane (C30)	17.389	3452639	22.526 ug/ml
18) T n-Dotriacontane (C32)	18.212	3337951	21.766 ug/ml
19) T n-Tetratriacontane (C34)	18.986	2956990	20.086 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2719638	18.549 ug/ml
21) T n-Octatriacontane (C38)	20.411	2598108	18.623 ug/ml
22) T n-Tetracontane (C40)	21.170	2420346	18.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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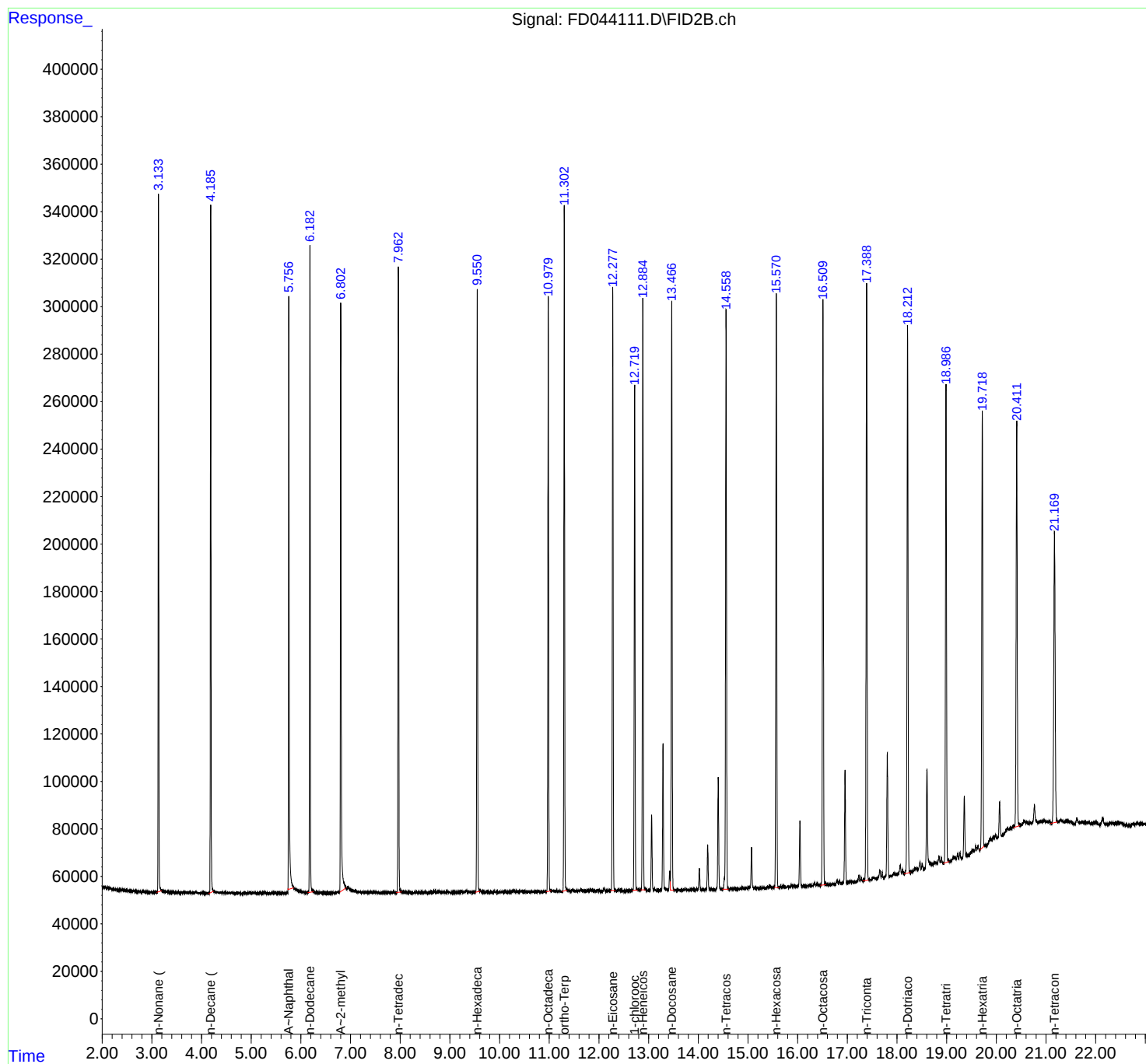
Instrument :
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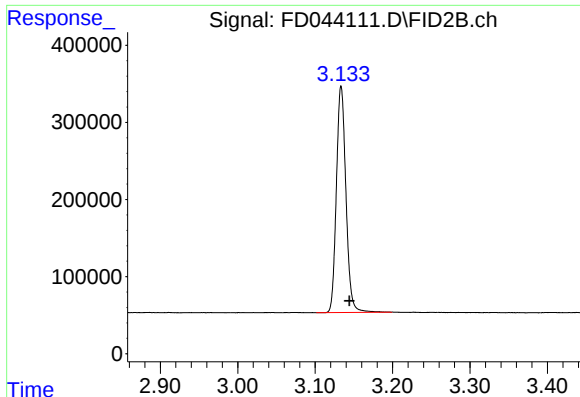
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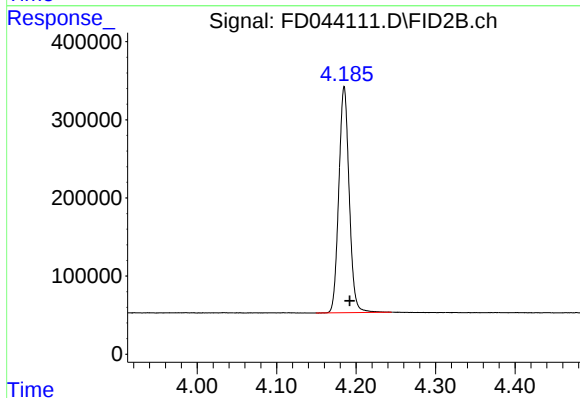
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: -0.010 min
Response: 2514835
Conc: 18.62 ug/ml

Instrument :
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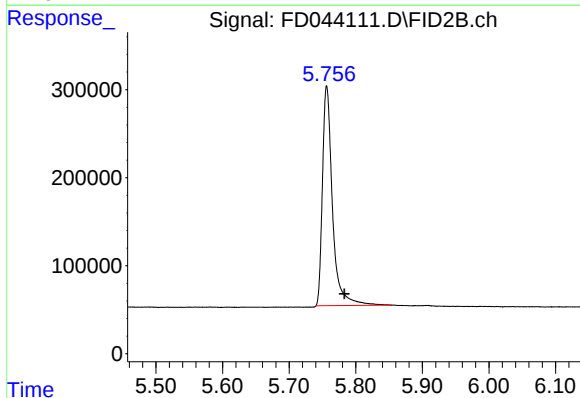
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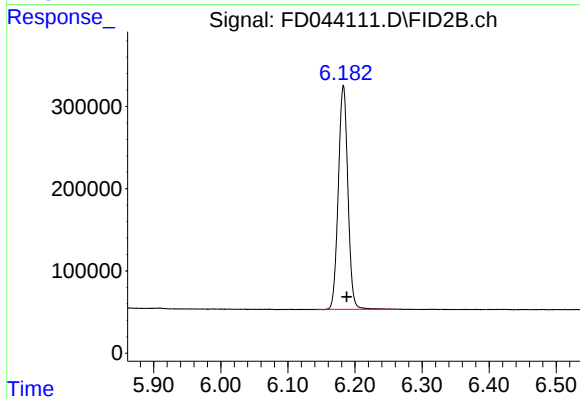
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.007 min
Response: 2624132
Conc: 19.53 ug/ml



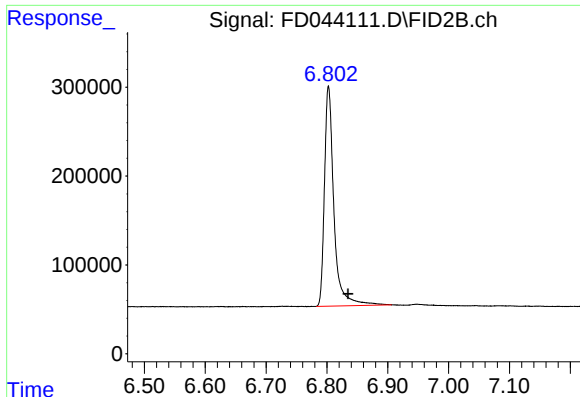
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.026 min
Response: 2617428
Conc: 19.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 2696180
Conc: 19.40 ug/ml



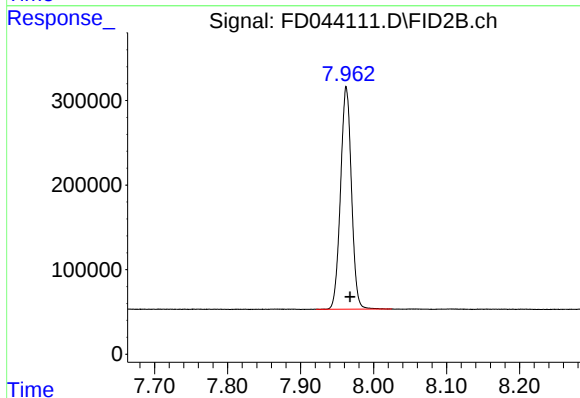
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.033 min
Response: 2680758
Conc: 20.62 ug/ml

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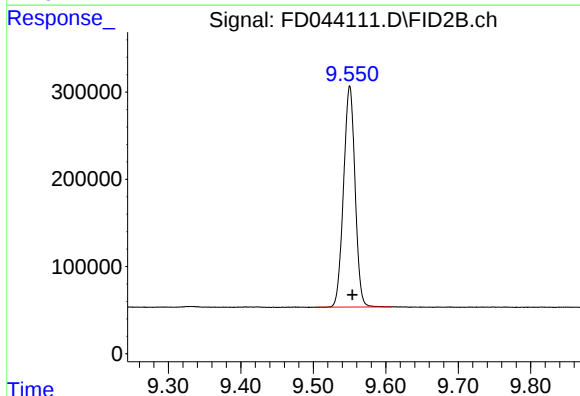
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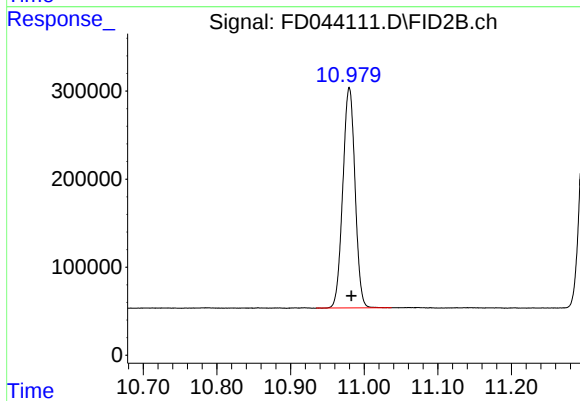
#6 n-Tetradecane (C14)

R.T.: 7.963 min
Delta R.T.: -0.005 min
Response: 2733518
Conc: 19.63 ug/ml



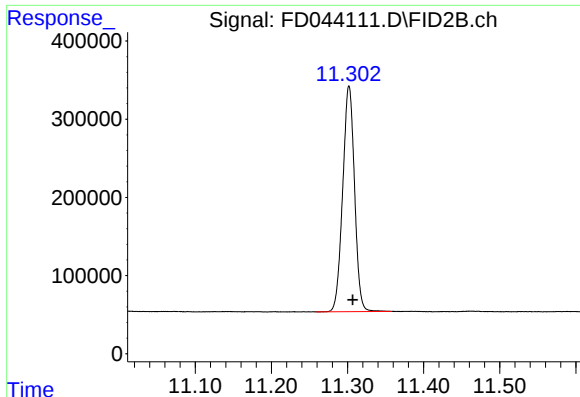
#7 n-Hexadecane (C16)

R.T.: 9.550 min
Delta R.T.: -0.004 min
Response: 2802119
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.980 min
Delta R.T.: -0.003 min
Response: 2890478
Conc: 19.88 ug/ml



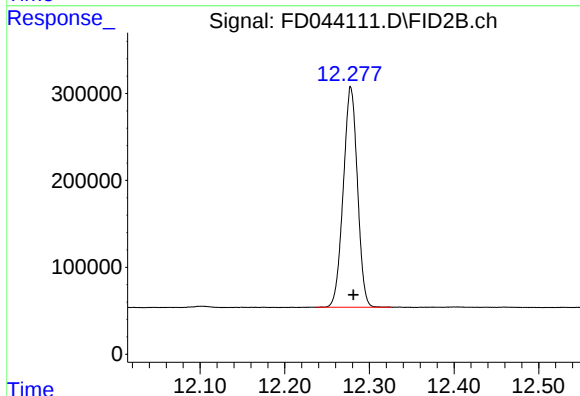
#9 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.005 min
Response: 3116103
Conc: 19.80 ug/ml

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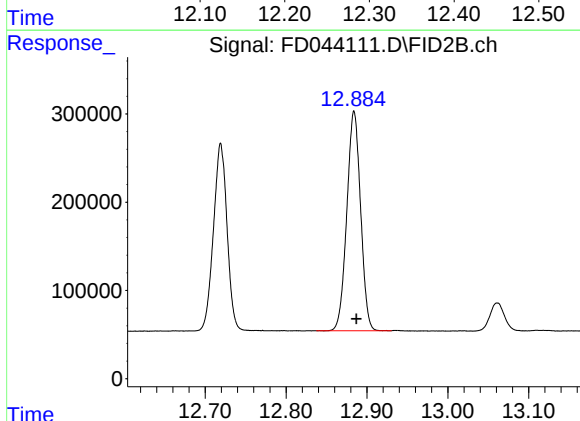
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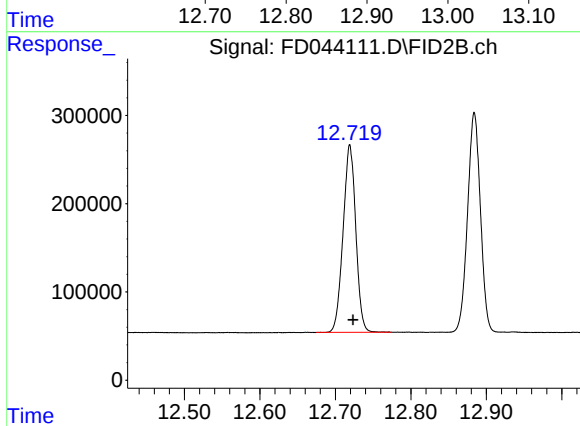
#10 n-Eicosane (C20)

R.T.: 12.278 min
Delta R.T.: -0.003 min
Response: 2949294
Conc: 19.89 ug/ml



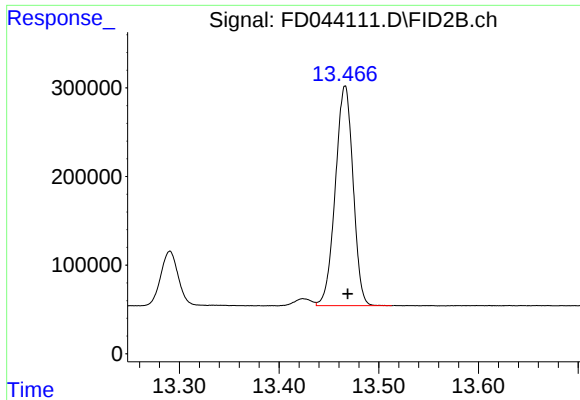
#11 n-Heneicosane (C21)

R.T.: 12.884 min
Delta R.T.: -0.003 min
Response: 2949613
Conc: 19.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.719 min
Delta R.T.: -0.005 min
Response: 2488509
Conc: 19.79 ug/ml



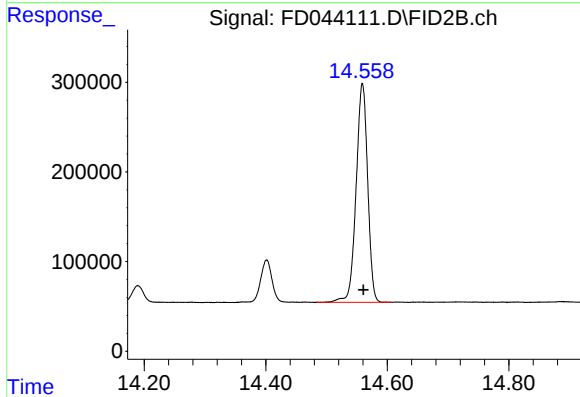
#13 n-Docosane (C22)

R.T.: 13.466 min
Delta R.T.: -0.002 min
Response: 3066727
Conc: 20.40 ug/ml

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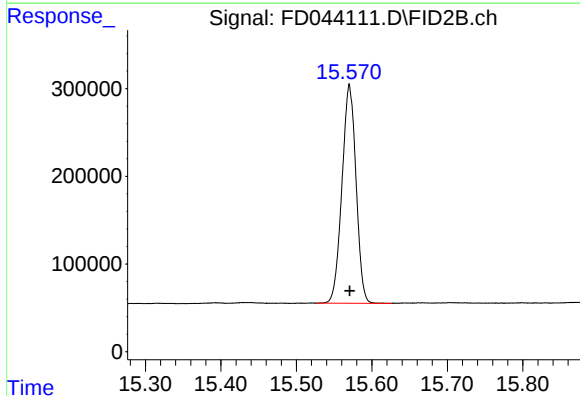
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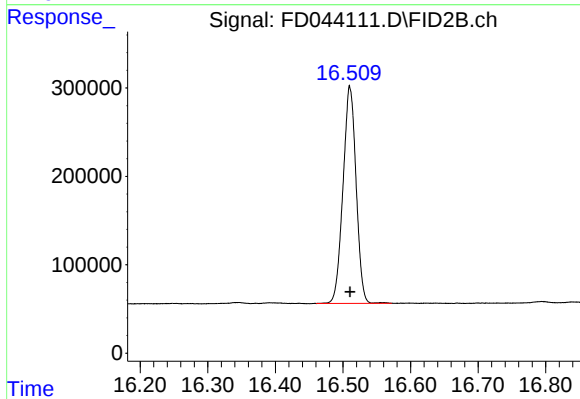
#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: -0.002 min
Response: 3220590
Conc: 21.34 ug/ml



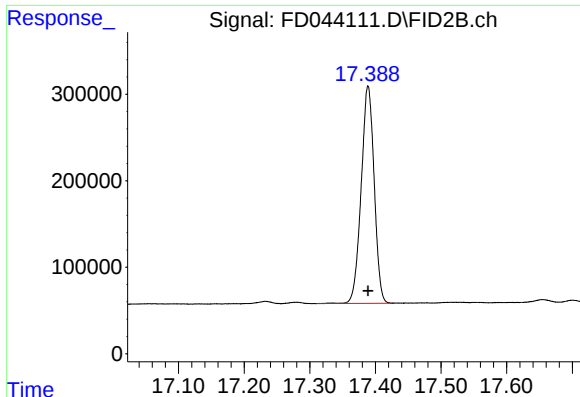
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3226932
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.510 min
Delta R.T.: 0.000 min
Response: 3303744
Conc: 21.93 ug/ml



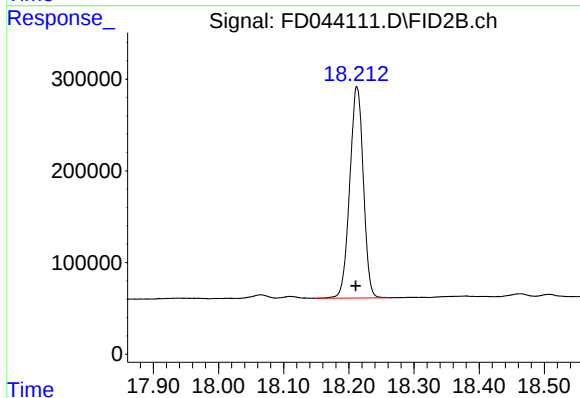
#17 n-Tricontane (C30)

R.T.: 17.389 min
Delta R.T.: 0.000 min
Response: 3452639
Conc: 22.53 ug/ml

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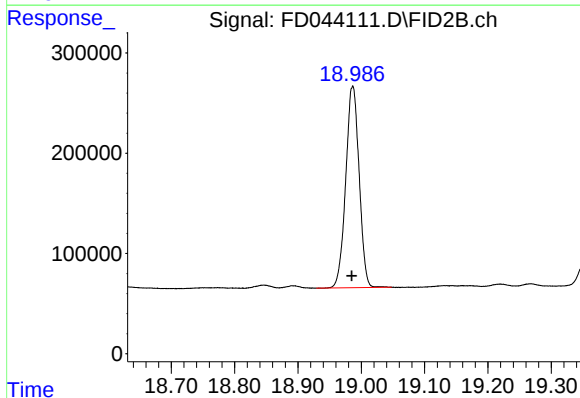
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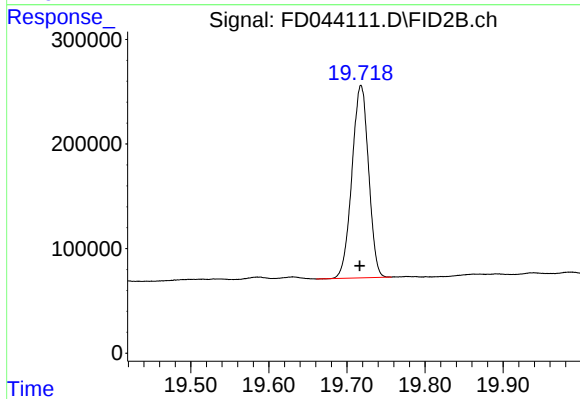
#18 n-Dotriacontane (C32)

R.T.: 18.212 min
Delta R.T.: 0.002 min
Response: 3337951
Conc: 21.77 ug/ml



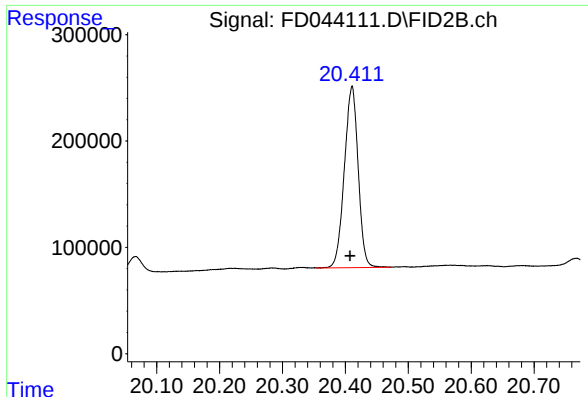
#19 n-Tetratriacontane (C34)

R.T.: 18.986 min
Delta R.T.: 0.002 min
Response: 2956990
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.718 min
Delta R.T.: 0.002 min
Response: 2719638
Conc: 18.55 ug/ml



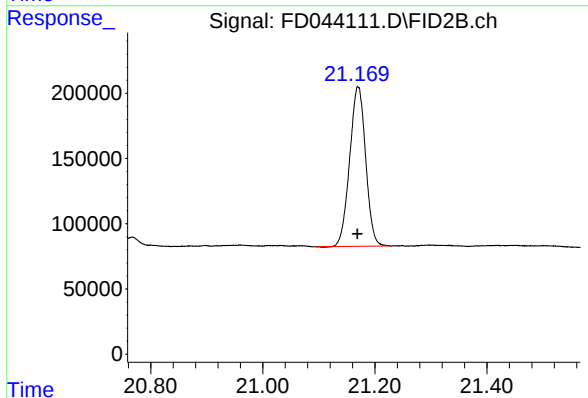
#21 n-Octatriacontane (C38)

R.T.: 20.411 min
Delta R.T.: 0.003 min
Response: 2598108
Conc: 18.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.170 min
Delta R.T.: 0.002 min
Response: 2420346
Conc: 18.61 ug/ml