

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102022AL\
 Data File : FD044180.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2022 09:22
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: sample.E
 Quant Time: Oct 20 14:37:39 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)	11.299	3387190	21.519 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
12) S 1-chlorooctadecane (S...	12.716	2659173	21.144 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
Target Compounds			
1) T n-Nonane (C9)	3.134	2908545	21.541 ug/ml
2) T n-Decane (C10)	4.183	2949348	21.952 ug/ml
3) T A~Naphthalene (C11.7)	5.755	3006995	22.505 ug/mlm
4) T n-Dodecane (C12)	6.180	3031885	21.819 ug/ml
5) T A~2-methylnaphthalene...	6.801	3005109	23.111 ug/mlm
6) T n-Tetradecane (C14)	7.960	3072978	22.073 ug/ml
7) T n-Hexadecane (C16)	9.547	3132115	22.205 ug/ml
8) T n-Octadecane (C18)	10.977	3187292	21.920 ug/ml
10) T n-Eicosane (C20)	12.275	3188103	21.500 ug/ml
11) T n-Heneicosane (C21)	12.882	3189128	21.257 ug/ml
13) T n-Docosane (C22)	13.463	3204509	21.314 ug/ml
14) T n-Tetracosane (C24)	14.555	3137408	20.787 ug/ml
15) T n-Hexacosane (C26)	15.566	3026759	19.990 ug/ml
16) T n-Octacosane (C28)	16.505	2872452	19.066 ug/ml
17) T n-Tricontane (C30)	17.383	2766403	18.049 ug/ml
18) T n-Dotriacontane (C32)	18.207	2665216	17.379 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2516701	17.095 ug/ml
20) T n-Hexatriacontane (C36)	19.712	2523871	17.214 ug/ml
21) T n-Octatriacontane (C38)	20.403	2496072	17.892 ug/ml
22) T n-Tetracontane (C40)	21.164	2423011	18.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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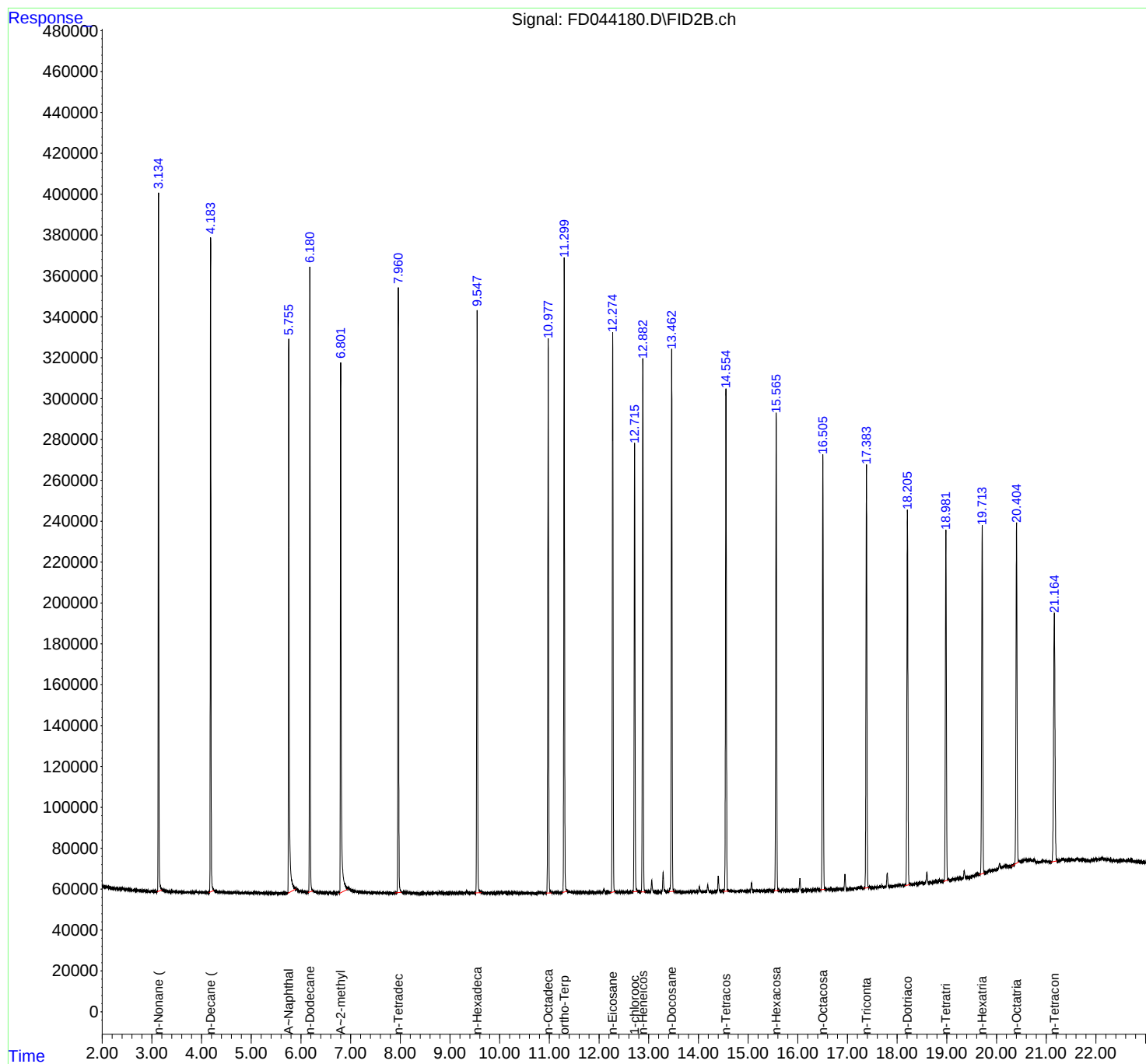
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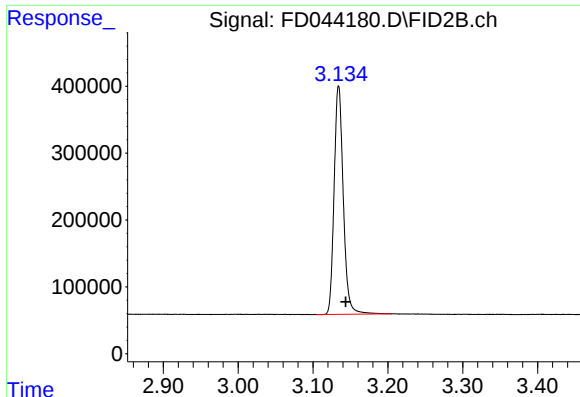
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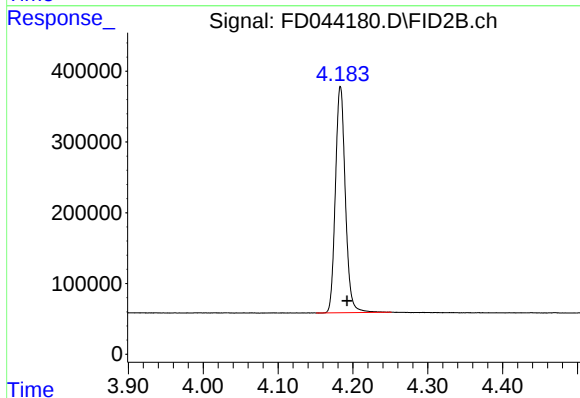
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: -0.010 min
Response: 2908545
Conc: 21.54 ug/ml

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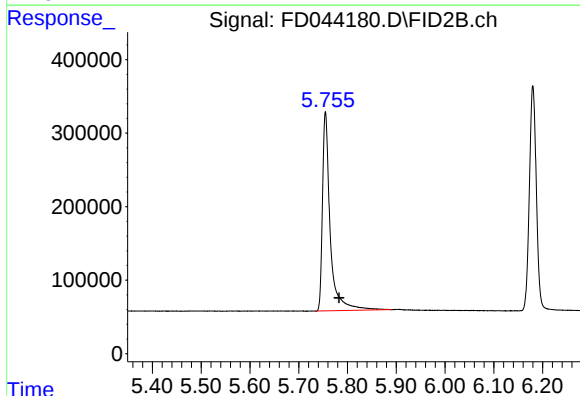
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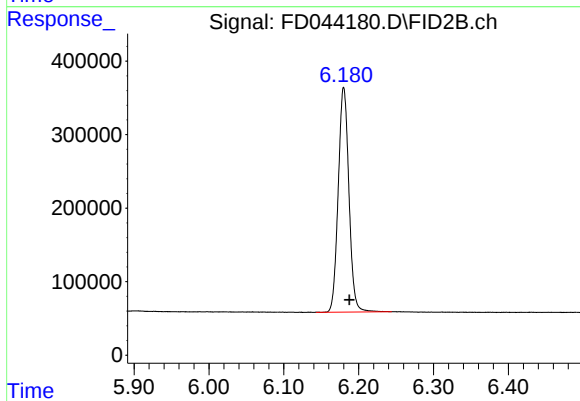
#2 n-Decane (C10)

R.T.: 4.183 min
Delta R.T.: -0.009 min
Response: 2949348
Conc: 21.95 ug/ml



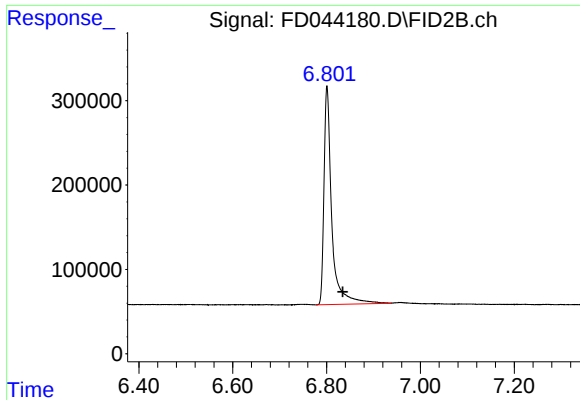
#3 A~Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.028 min
Response: 3006995
Conc: 22.51 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 3031885
Conc: 21.82 ug/ml



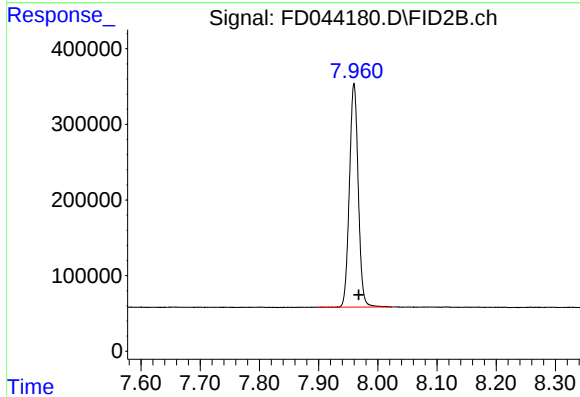
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.034 min
Response: 3005109
Conc: 23.11 ug/ml

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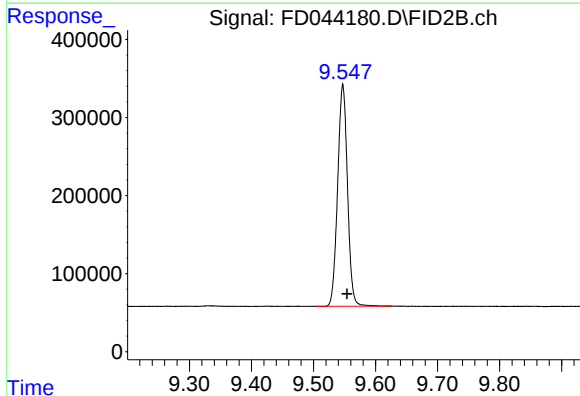
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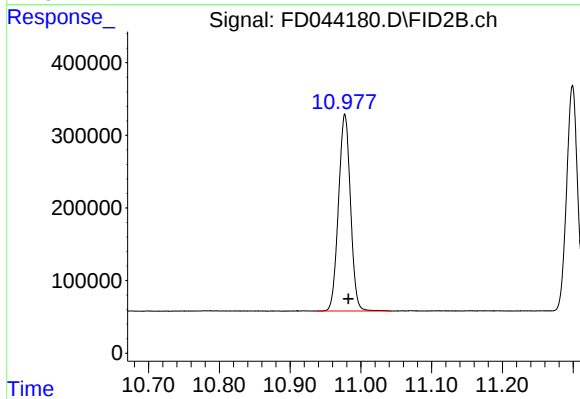
#6 n-Tetradecane (C14)

R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 3072978
Conc: 22.07 ug/ml



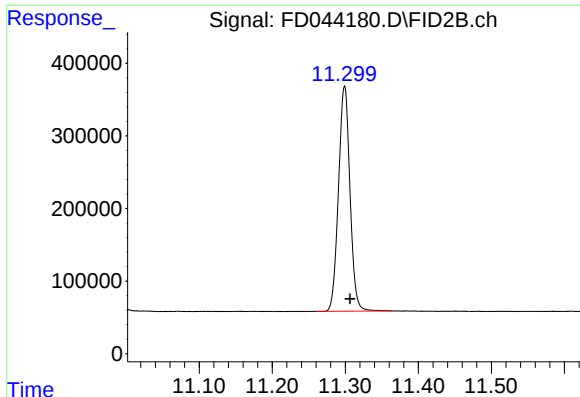
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 3132115
Conc: 22.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.005 min
Response: 3187292
Conc: 21.92 ug/ml



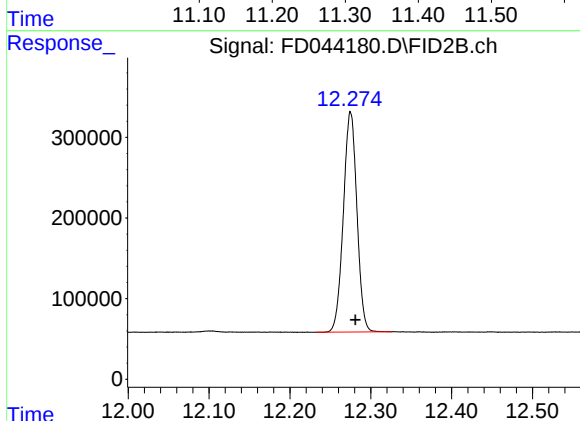
#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.008 min
Response: 3387190
Conc: 21.52 ug/ml

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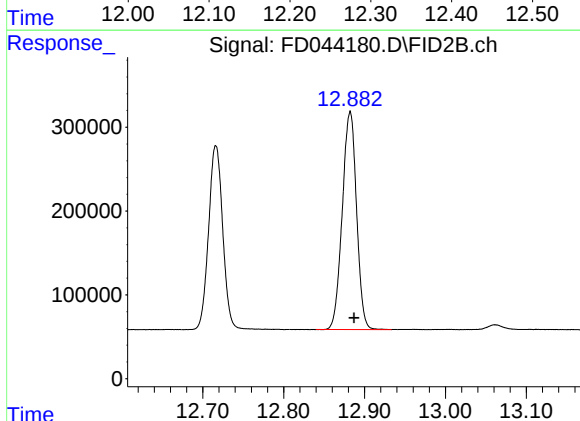
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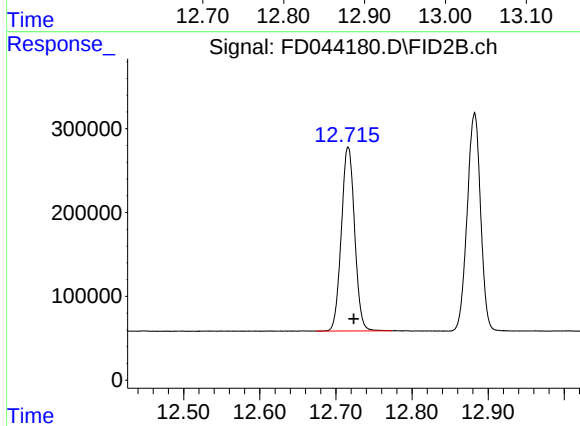
#10 n-Eicosane (C20)

R.T.: 12.275 min
Delta R.T.: -0.006 min
Response: 3188103
Conc: 21.50 ug/ml



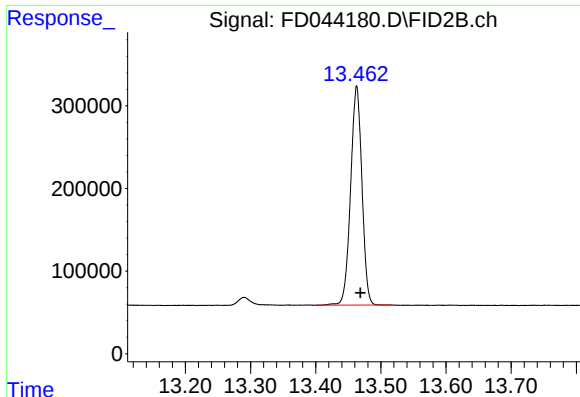
#11 n-Heneicosane (C21)

R.T.: 12.882 min
Delta R.T.: -0.005 min
Response: 3189128
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.716 min
Delta R.T.: -0.008 min
Response: 2659173
Conc: 21.14 ug/ml



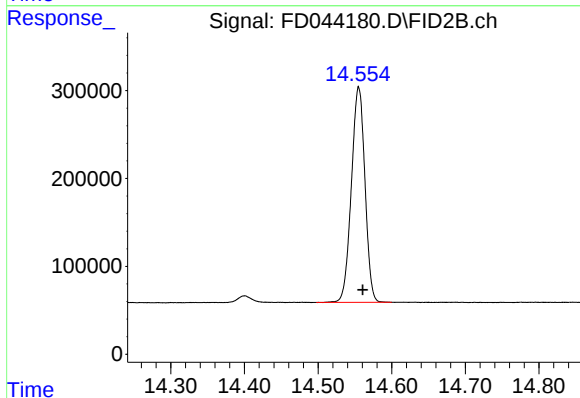
#13 n-Docosane (C22)

R.T.: 13.463 min
Delta R.T.: -0.006 min
Response: 3204509
Conc: 21.31 ug/ml

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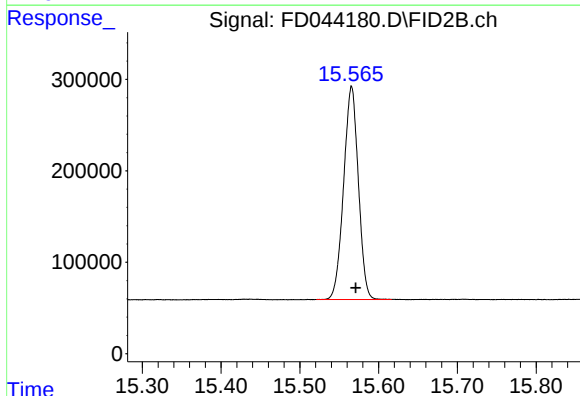
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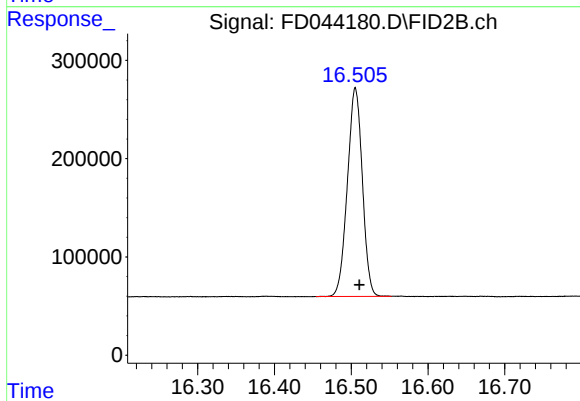
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: -0.005 min
Response: 3137408
Conc: 20.79 ug/ml



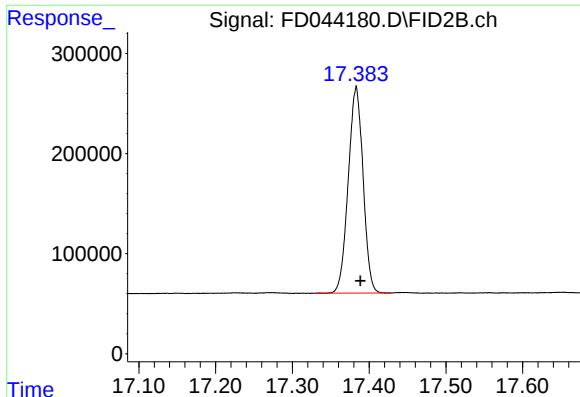
#15 n-Hexacosane (C26)

R.T.: 15.566 min
Delta R.T.: -0.005 min
Response: 3026759
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.505 min
Delta R.T.: -0.005 min
Response: 2872452
Conc: 19.07 ug/ml



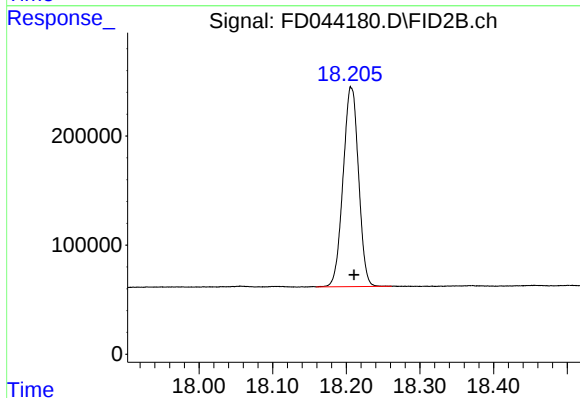
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: -0.006 min
Response: 2766403
Conc: 18.05 ug/ml

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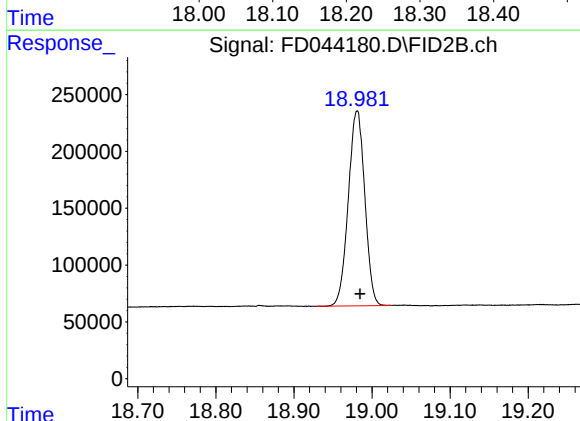
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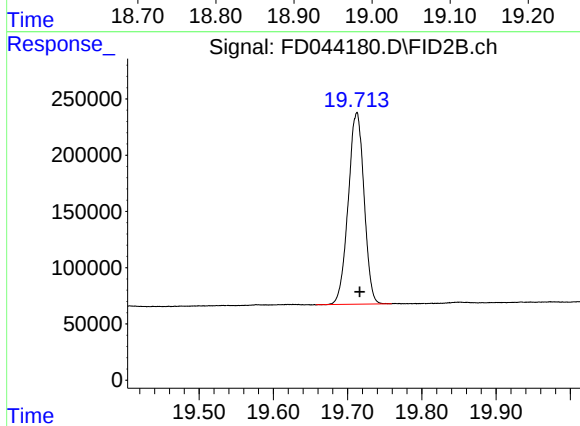
#18 n-Dotriacontane (C32)

R.T.: 18.207 min
Delta R.T.: -0.004 min
Response: 2665216
Conc: 17.38 ug/ml



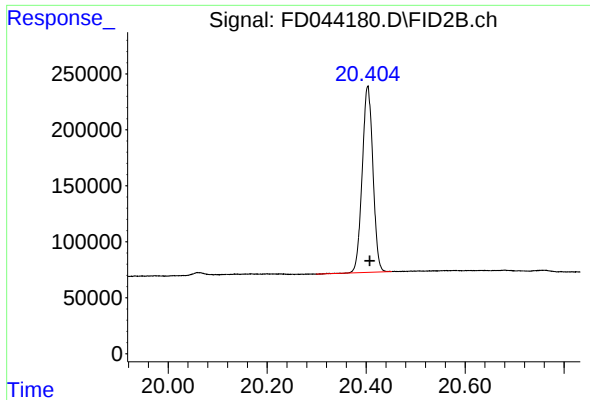
#19 n-Tetratriacontane (C34)

R.T.: 18.981 min
Delta R.T.: -0.004 min
Response: 2516701
Conc: 17.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.712 min
Delta R.T.: -0.004 min
Response: 2523871
Conc: 17.21 ug/ml



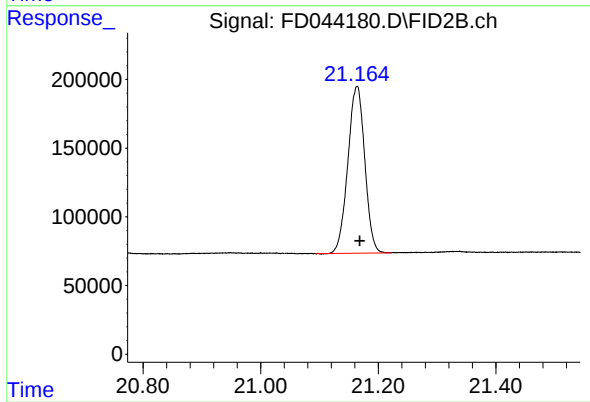
#21 n-Octatriacontane (C38)

R.T.: 20.403 min
Delta R.T.: -0.004 min
Response: 2496072
Conc: 17.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.164 min
Delta R.T.: -0.004 min
Response: 2423011
Conc: 18.63 ug/ml