

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102022AL\
 Data File : FD044186.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2022 13:29
 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 14:38:31 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)	11.298	3378070	21.461 ug/ml
Spiked Amount 50.000		Recovery =	42.92%
12) S 1-chlorooctadecane (S...	12.716	2648956	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.137	2912798	21.572 ug/ml
2) T n-Decane (C10)	4.185	2953902	21.986 ug/ml
3) T A~Naphthalene (C11.7)	5.756	2914536	21.813 ug/ml
4) T n-Dodecane (C12)	6.181	3029425	21.802 ug/ml
5) T A~2-methylnaphthalene...	6.801	2961728	22.778 ug/mlm
6) T n-Tetradecane (C14)	7.960	3063527	22.005 ug/ml
7) T n-Hexadecane (C16)	9.547	3106552	22.024 ug/ml
8) T n-Octadecane (C18)	10.977	3160058	21.732 ug/ml
10) T n-Eicosane (C20)	12.275	3177202	21.426 ug/ml
11) T n-Heneicosane (C21)	12.881	3179016	21.189 ug/ml
13) T n-Docosane (C22)	13.462	3219758	21.416 ug/ml
14) T n-Tetracosane (C24)	14.555	3144768	20.835 ug/ml
15) T n-Hexacosane (C26)	15.567	3032878	20.031 ug/ml
16) T n-Octacosane (C28)	16.506	2879487	19.113 ug/ml
17) T n-Tricontane (C30)	17.384	2791569	18.213 ug/ml
18) T n-Dotriacontane (C32)	18.208	2695970	17.580 ug/ml
19) T n-Tetratriacontane (C34)	18.982	2542406	17.270 ug/ml
20) T n-Hexatriacontane (C36)	19.714	2529710	17.254 ug/ml
21) T n-Octatriacontane (C38)	20.406	2507978	17.977 ug/ml
22) T n-Tetracontane (C40)	21.165	2452084	18.854 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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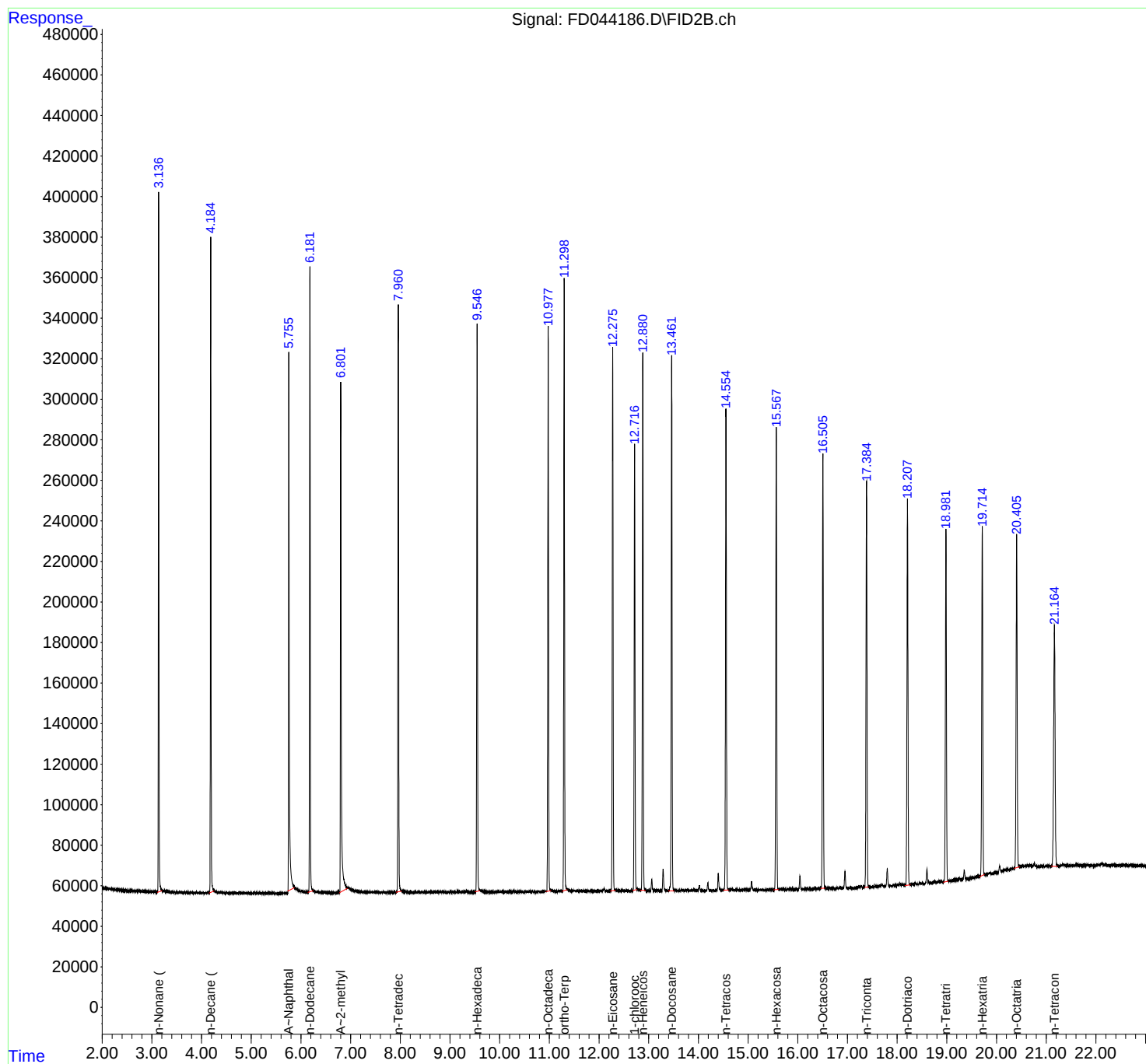
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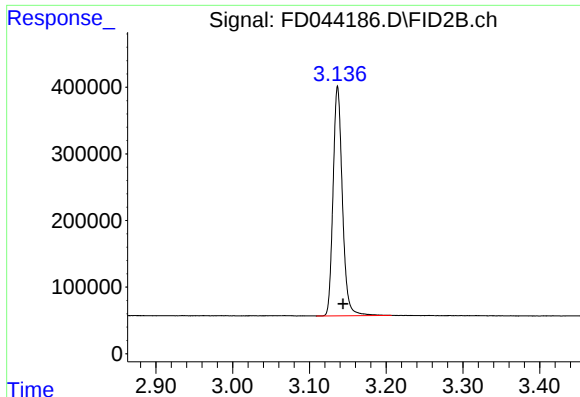
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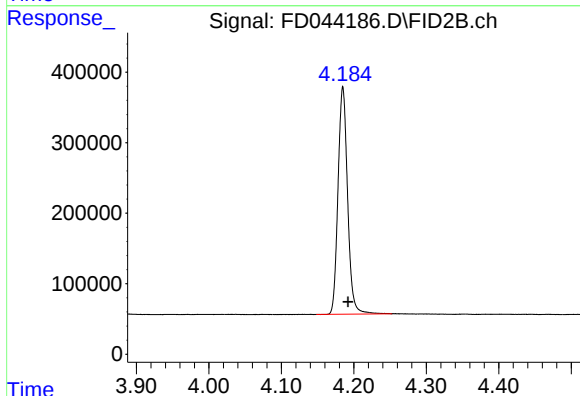
#1 n-Nonane (C9)

R.T.: 3.137 min
Delta R.T.: -0.007 min
Response: 2912798
Conc: 21.57 ug/ml

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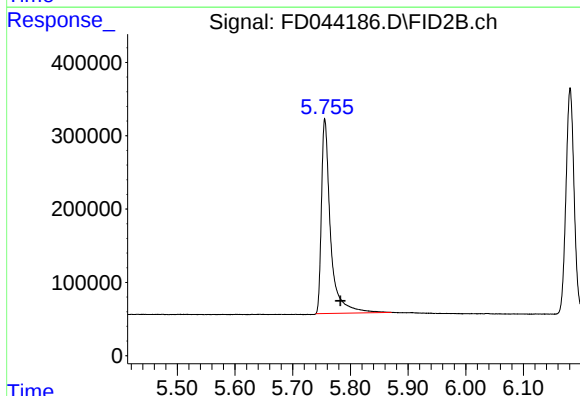
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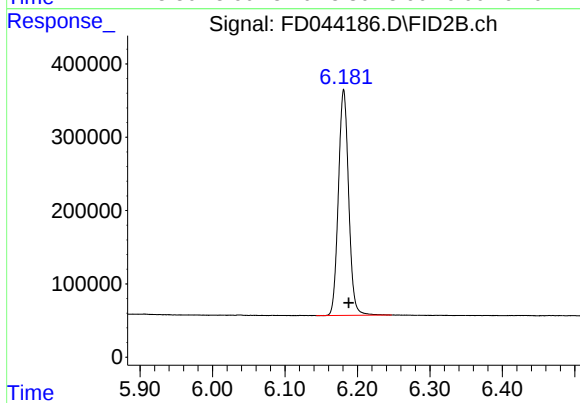
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.007 min
Response: 2953902
Conc: 21.99 ug/ml



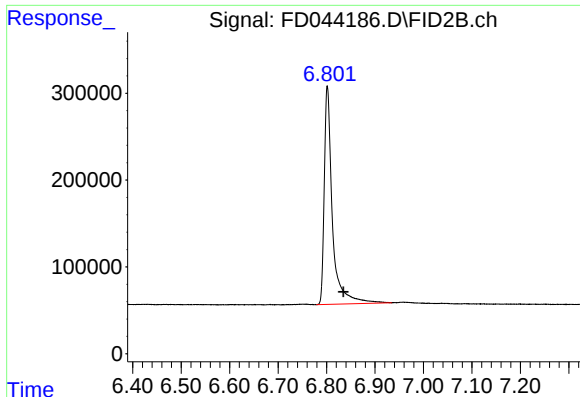
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.027 min
Response: 2914536
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 3029425
Conc: 21.80 ug/ml



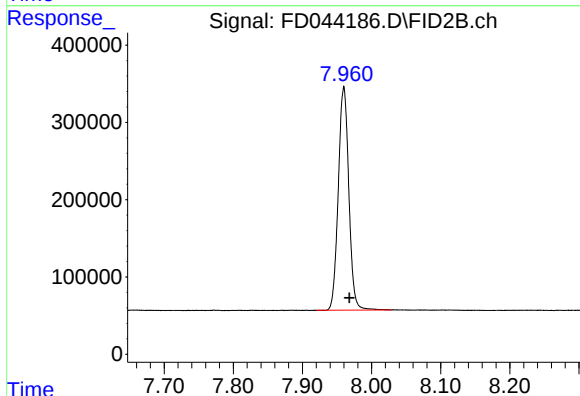
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.034 min
Response: 2961728
Conc: 22.78 ug/ml

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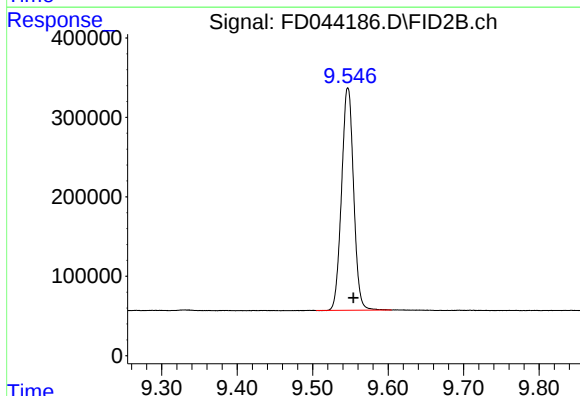
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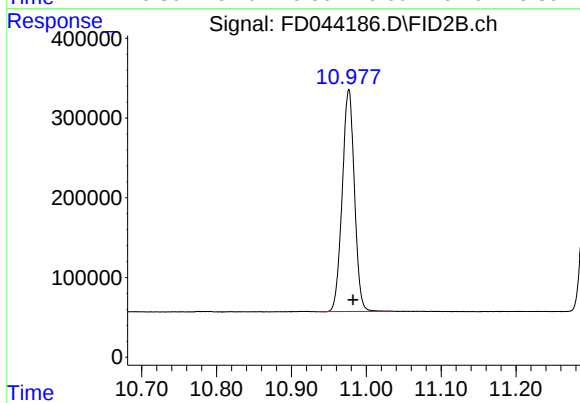
#6 n-Tetradecane (C14)

R.T.: 7.960 min
Delta R.T.: -0.008 min
Response: 3063527
Conc: 22.00 ug/ml



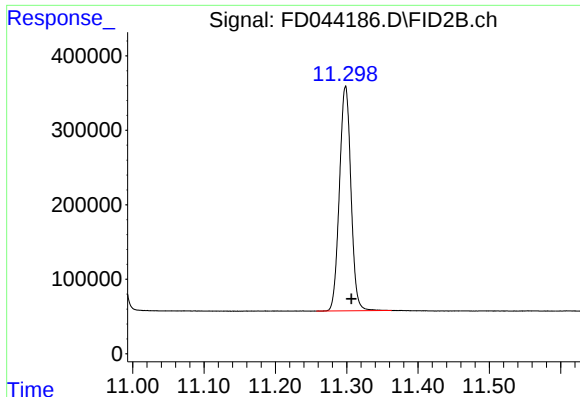
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 3106552
Conc: 22.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.006 min
Response: 3160058
Conc: 21.73 ug/ml



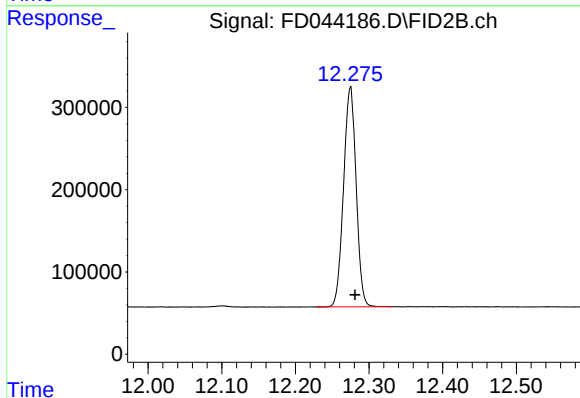
#9 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: -0.008 min
Response: 3378070
Conc: 21.46 ug/ml

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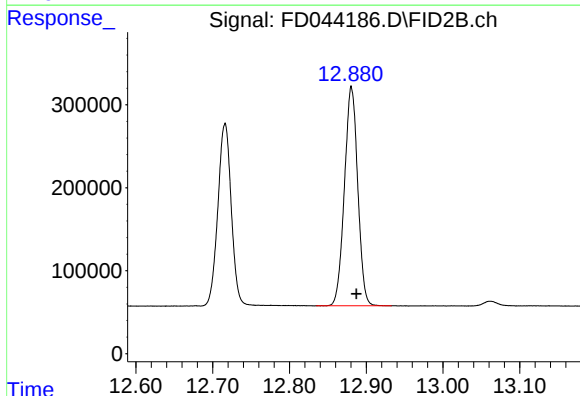
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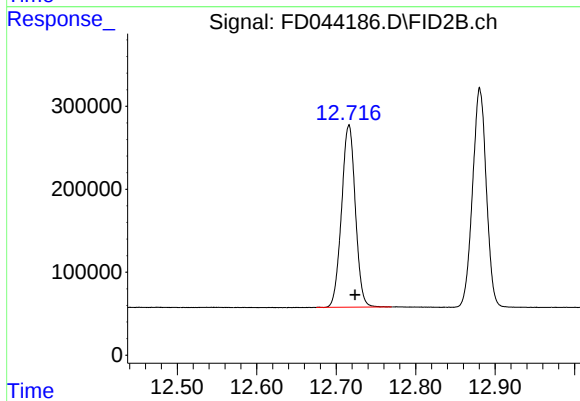
#10 n-Eicosane (C20)

R.T.: 12.275 min
Delta R.T.: -0.006 min
Response: 3177202
Conc: 21.43 ug/ml



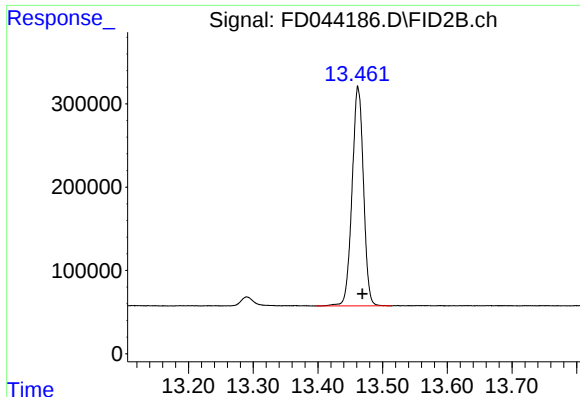
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: -0.006 min
Response: 3179016
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.716 min
Delta R.T.: -0.008 min
Response: 2648956
Conc: 21.06 ug/ml



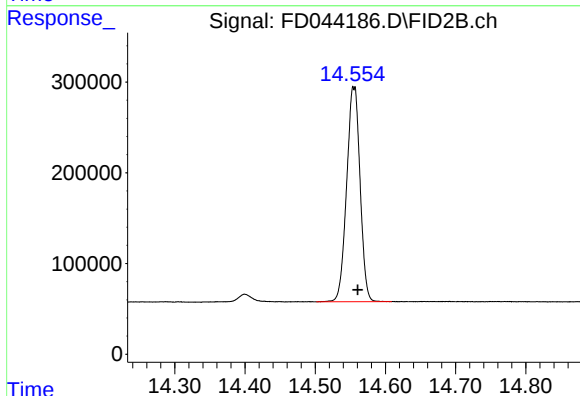
#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.007 min
Response: 3219758
Conc: 21.42 ug/ml

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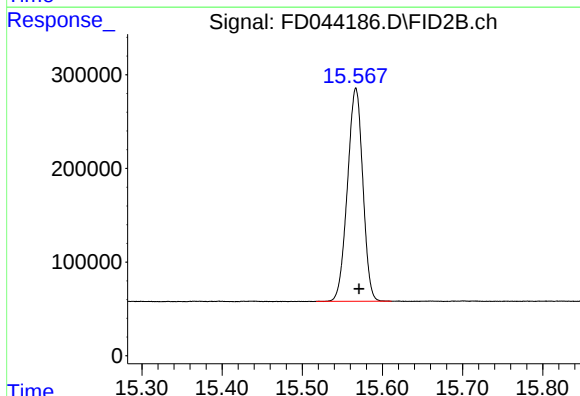
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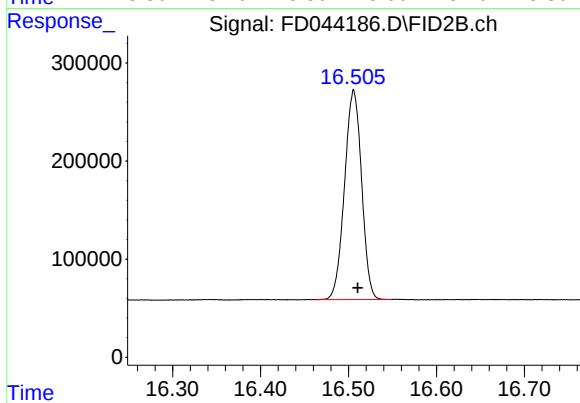
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: -0.005 min
Response: 3144768
Conc: 20.84 ug/ml



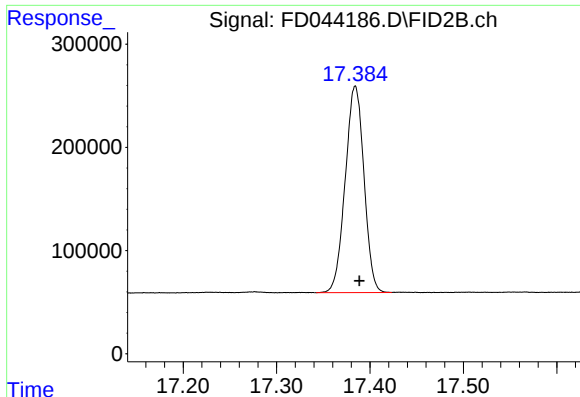
#15 n-Hexacosane (C26)

R.T.: 15.567 min
Delta R.T.: -0.004 min
Response: 3032878
Conc: 20.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.506 min
Delta R.T.: -0.005 min
Response: 2879487
Conc: 19.11 ug/ml



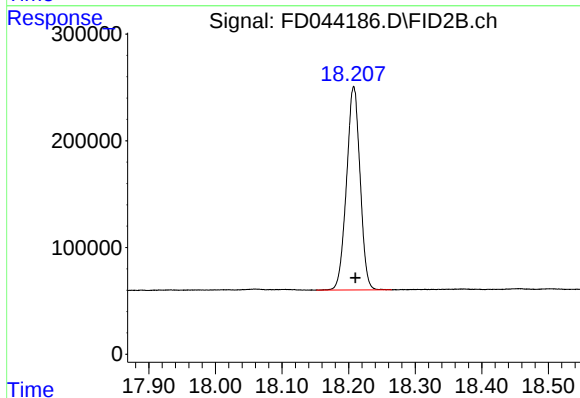
#17 n-Tricontane (C30)

R.T.: 17.384 min
Delta R.T.: -0.005 min
Response: 2791569
Conc: 18.21 ug/ml

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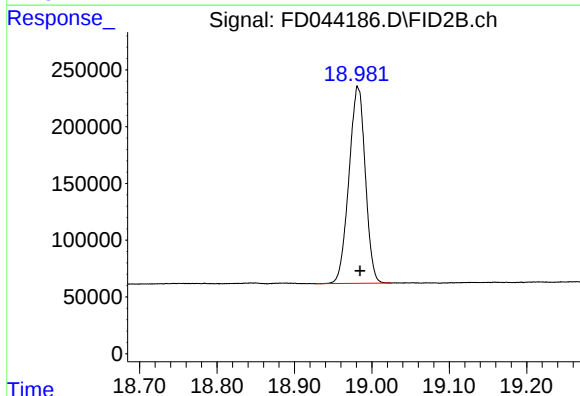
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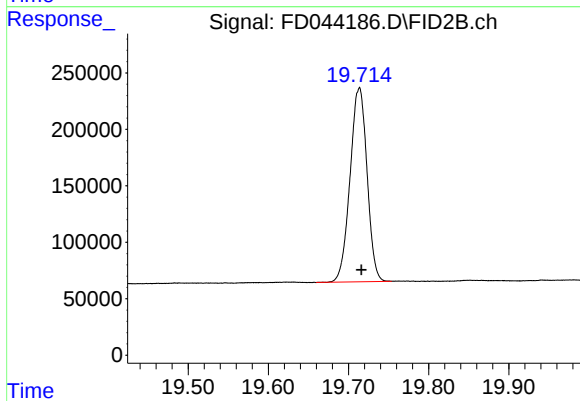
#18 n-Dotriacontane (C32)

R.T.: 18.208 min
Delta R.T.: -0.003 min
Response: 2695970
Conc: 17.58 ug/ml



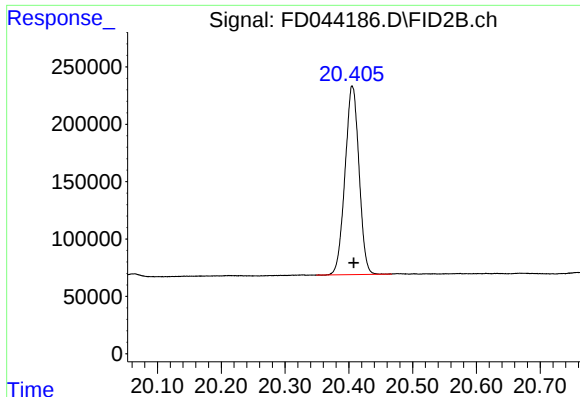
#19 n-Tetratriacontane (C34)

R.T.: 18.982 min
Delta R.T.: -0.003 min
Response: 2542406
Conc: 17.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 2529710
Conc: 17.25 ug/ml



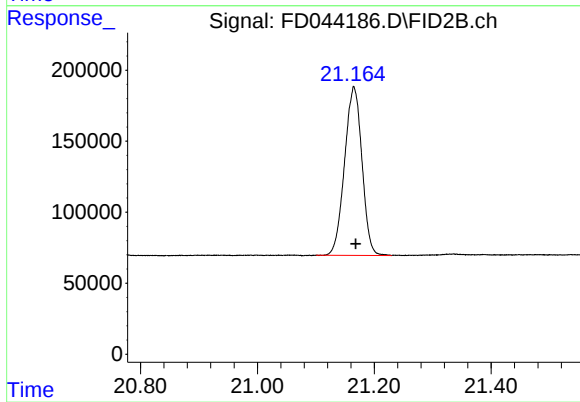
#21 n-Octatriacontane (C38)

R.T.: 20.406 min
Delta R.T.: -0.002 min
Response: 2507978
Conc: 17.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.165 min
Delta R.T.: -0.003 min
Response: 2452084
Conc: 18.85 ug/ml