

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101722AL\
 Data File : FE038201.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2022 15:45
 Operator : YP\AJ
 Sample : N5115-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: autoint1.e
 Quant Time: Oct 18 04:11:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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			
12) S 1-chlorooctadecane (S...	13.027	6392534	47.295 ug/ml
Spiked Amount 50.000		Recovery =	94.59%
Target Compounds			
1) T n-Nonane (C9)	2.992	3002903	20.389 ug/ml
2) T n-Decane (C10)	4.251	3664214	24.784 ug/ml
4) T n-Dodecane (C12)	6.424	4299703	28.217 ug/ml
6) T n-Tetradecane (C14)	8.245	4671958	30.525 ug/ml
7) T n-Hexadecane (C16)	9.845	5037577	32.251 ug/ml
8) T n-Octadecane (C18)	11.279	5494410	34.255 ug/ml
10) T n-Eicosane (C20)	12.582	5388274	33.042 ug/ml
11) T n-Heneicosane (C21)	13.192	5325625	32.322 ug/ml
13) T n-Docosane (C22)	13.774	5220021	31.711 ug/ml
14) T n-Tetracosane (C24)	14.871	5100566	31.100 ug/ml
15) T n-Hexacosane (C26)	15.887	4939088	30.289 ug/ml
16) T n-Octacosane (C28)	16.833	4807225	30.008 ug/ml
17) T n-Tricontane (C30)	17.717	4742639	29.637 ug/ml
18) T n-Dotriacontane (C32)	18.545	4782543	30.371 ug/ml
19) T n-Tetratriacontane (C34)	19.325	4570672	30.850 ug/ml
20) T n-Hexatriacontane (C36)	20.063	4636277	32.159 ug/ml
21) T n-Octatriacontane (C38)	20.760	5032427	37.085 ug/ml
22) T n-Tetracontane (C40)	21.530	4861733	38.193 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5115-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

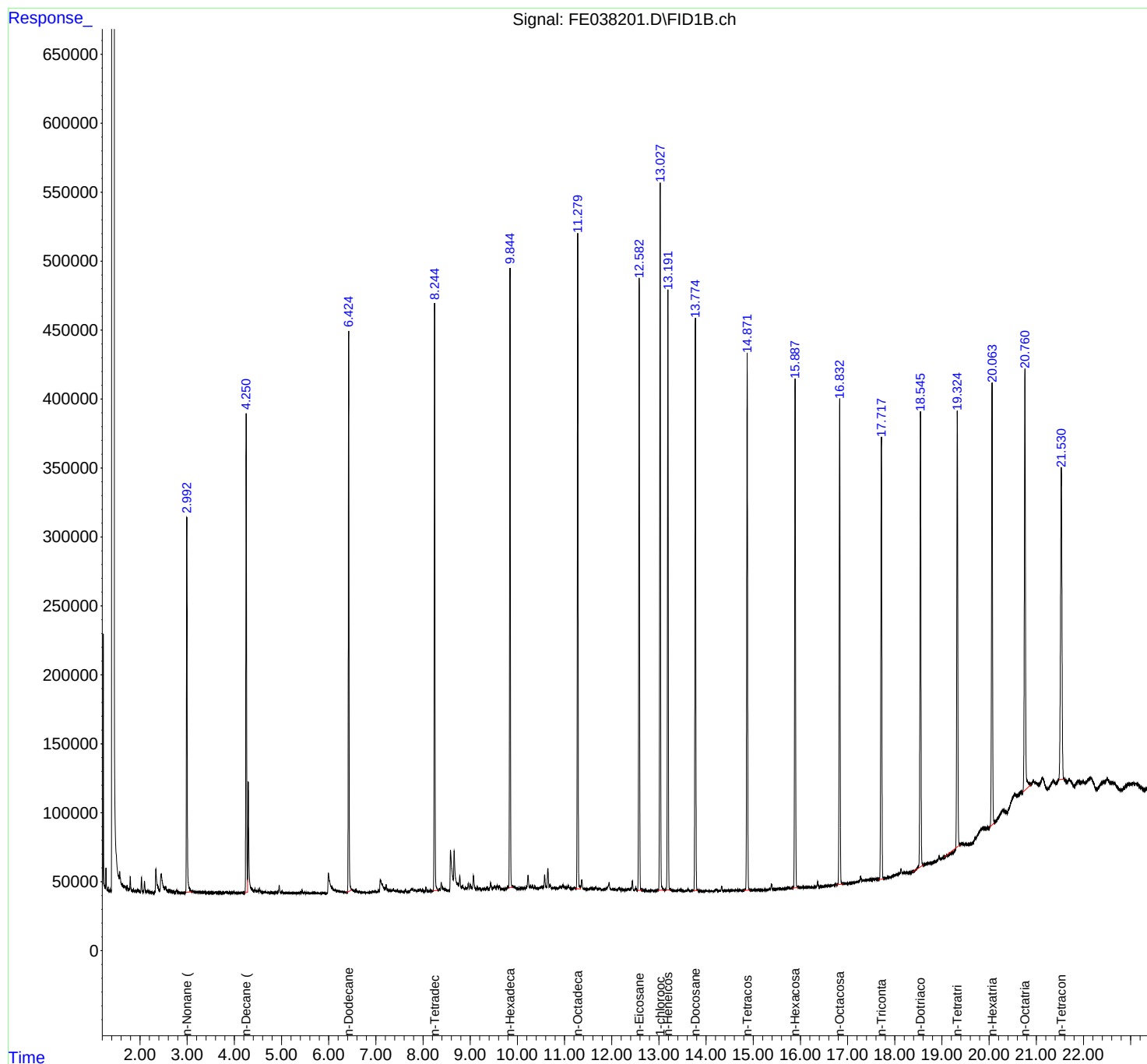
Instrument :
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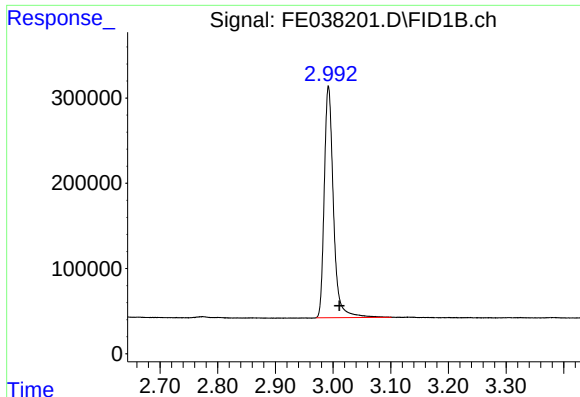
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.992 min
Delta R.T.: -0.019 min
Response: 3002903
Conc: 20.39 ug/ml

Instrument :

FID_E

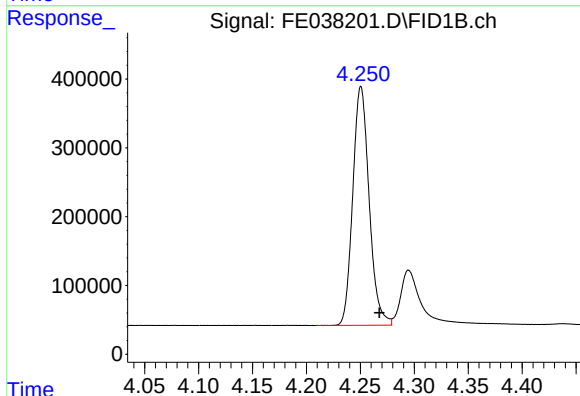
ClientSampleId :

WASTEMSD

Manual Integrations

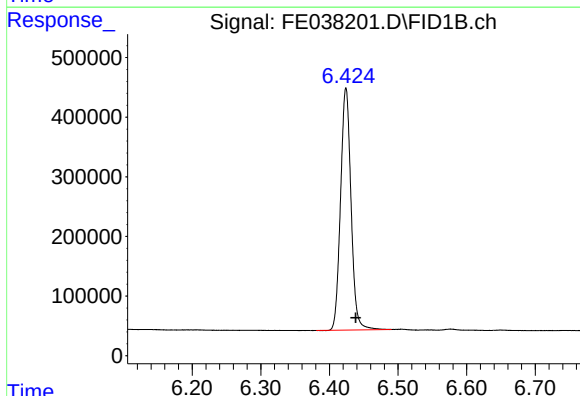
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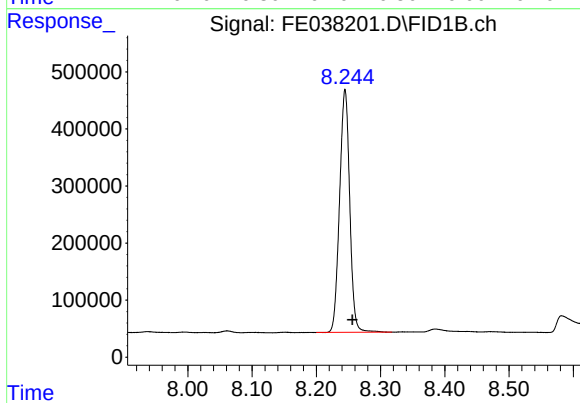
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: -0.017 min
Response: 3664214
Conc: 24.78 ug/ml



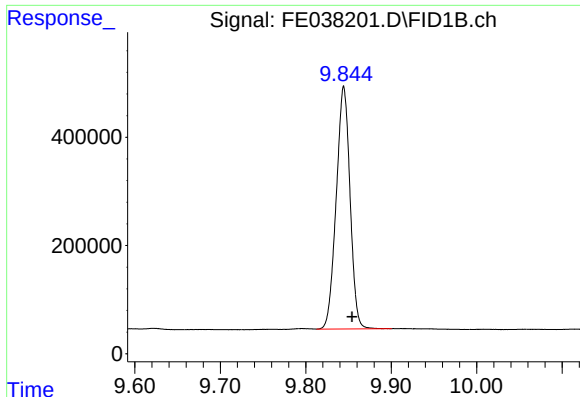
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 4299703
Conc: 28.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 4671958
Conc: 30.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.010 min
Response: 5037577
Conc: 32.25 ug/ml

Instrument :

FID_E

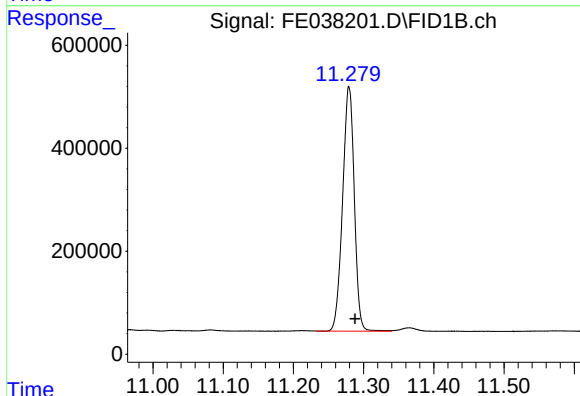
ClientSampleId :

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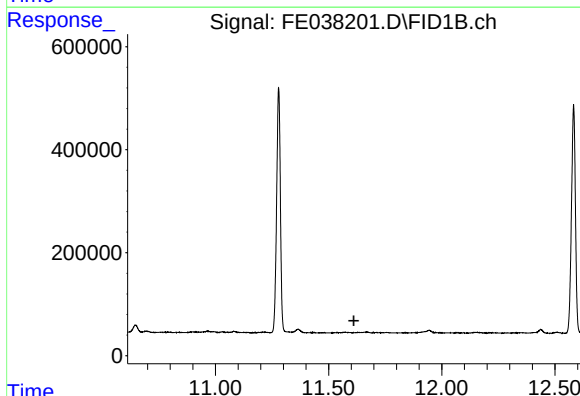
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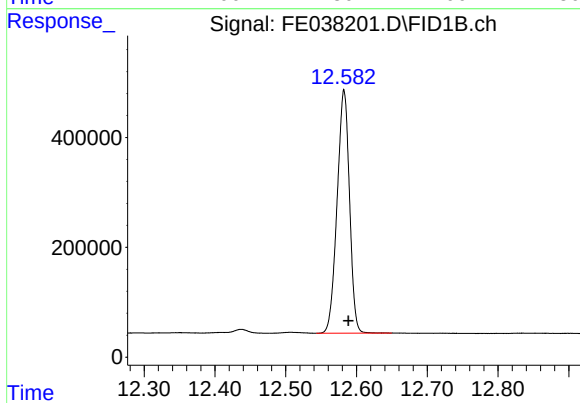
#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: -0.009 min
Response: 5494410
Conc: 34.25 ug/ml



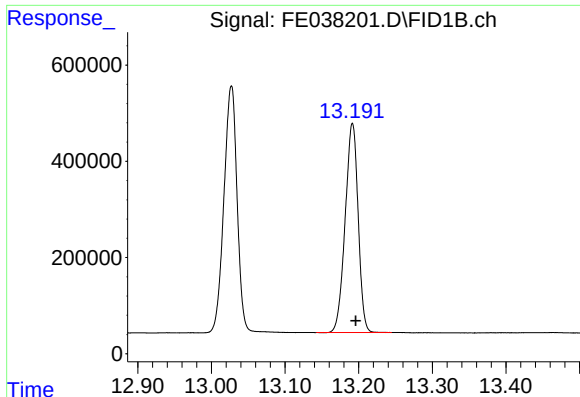
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.612 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.006 min
Response: 5388274
Conc: 33.04 ug/ml



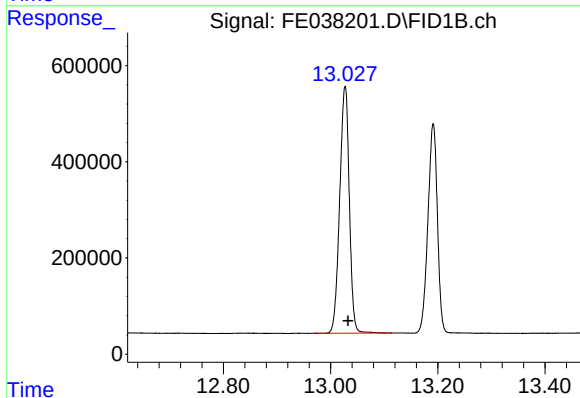
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.005 min
Response: 5325625
Conc: 32.32 ug/ml

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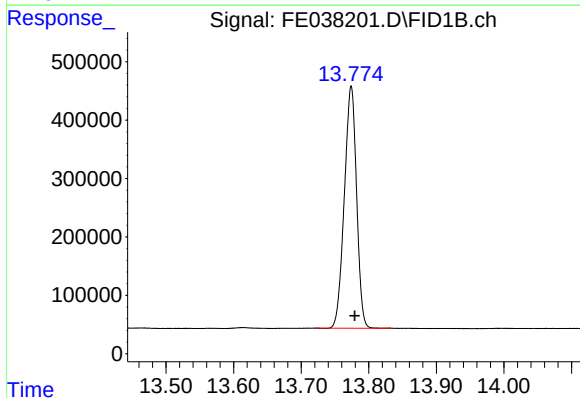
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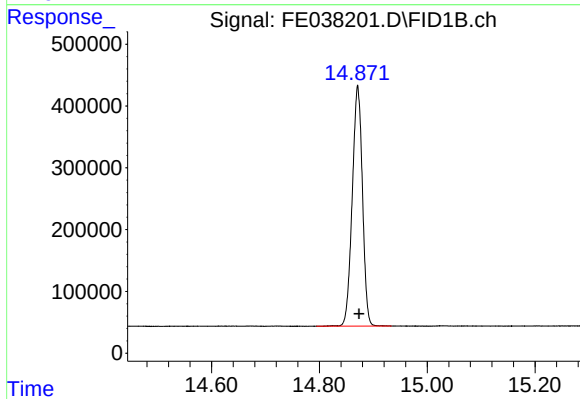
#12 1-chlorooctadecane (SURR)

R.T.: 13.027 min
Delta R.T.: -0.006 min
Response: 6392534
Conc: 47.30 ug/ml



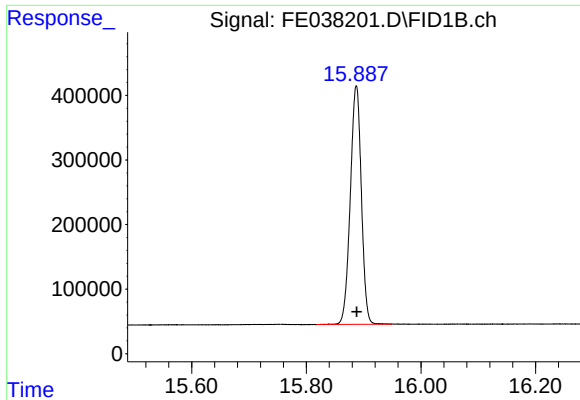
#13 n-Docosane (C22)

R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 5220021
Conc: 31.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 5100566
Conc: 31.10 ug/ml



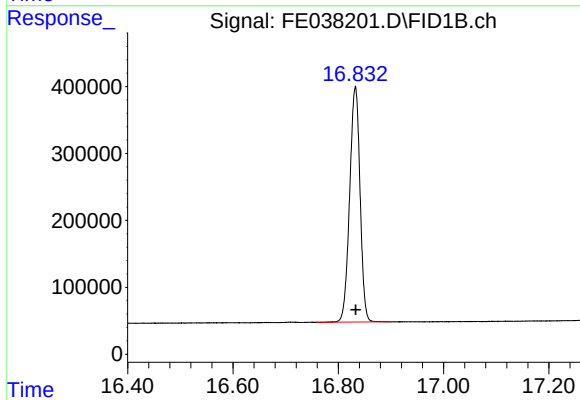
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 4939088
Conc: 30.29 ug/ml

Instrument :
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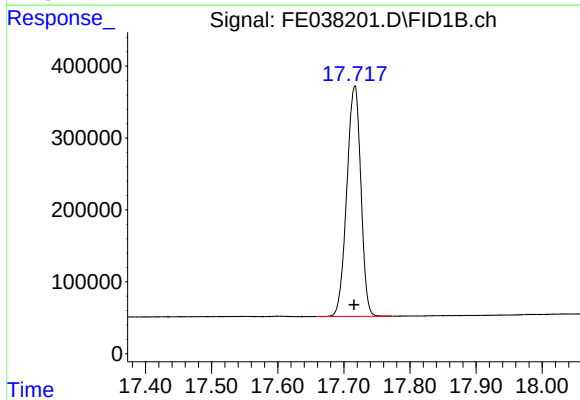
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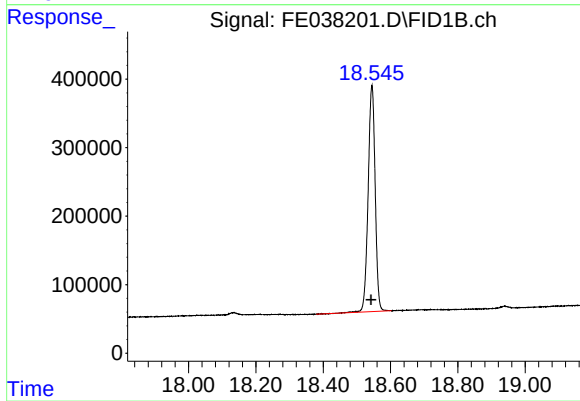
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 4807225
Conc: 30.01 ug/ml



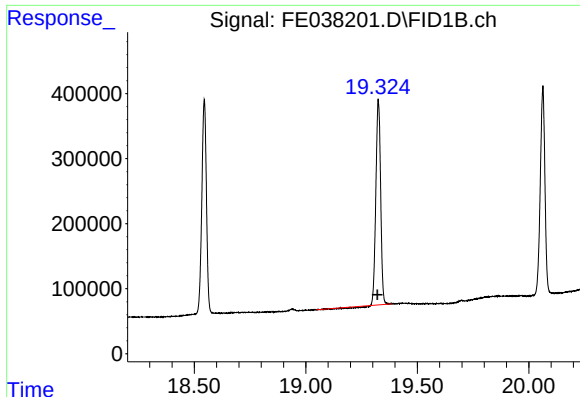
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 4742639
Conc: 29.64 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.003 min
Response: 4782543
Conc: 30.37 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: 0.003 min
Response: 4570672
Conc: 30.85 ug/ml

Instrument :

FID_E

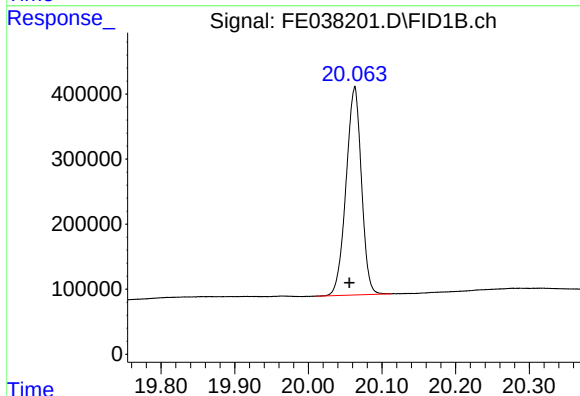
ClientSampleId :

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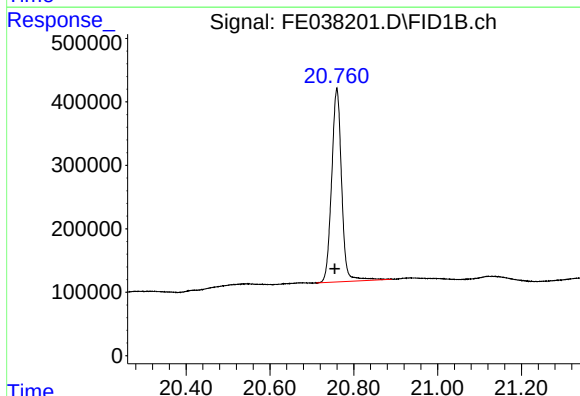
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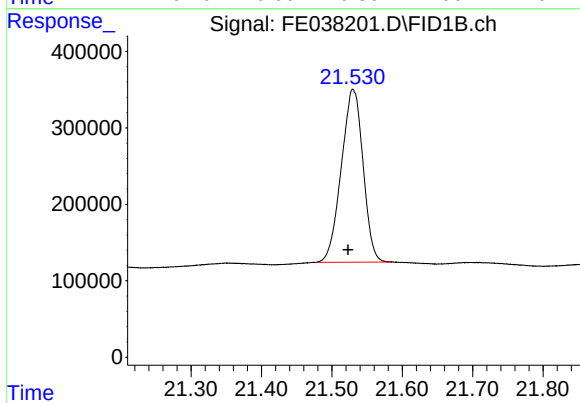
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: 0.007 min
Response: 4636277
Conc: 32.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.005 min
Response: 5032427
Conc: 37.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.530 min
Delta R.T.: 0.007 min
Response: 4861733
Conc: 38.19 ug/ml m