

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044583.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 15:42
 Operator : YP\AJ
 Sample : 04700-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WC-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/05/2023

Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e

Quant Time: Oct 05 00:17:34 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M

Quant Title : GC Extractables

QLast Update : Mon Sep 25 11:06:21 2023

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)	11.932	7010764	37.343 ug/mlm
Spiked Amount 50.000		Recovery =	74.69%
12) S 1-chlorooctadecane (S...	13.371	5792600	42.579 ug/mlm
Spiked Amount 50.000		Recovery =	85.16%
Target Compounds			
1) T n-Nonane (C9)	3.308	4629751	28.517 ug/ml
2) T n-Decane (C10)	4.560	5223137	31.543 ug/ml
3) T A~Naphthalene (C11.7)	6.260	5952248	33.292 ug/ml
4) T n-Dodecane (C12)	6.724	5791790	34.821 ug/ml
5) T A~2-methylnaphthalene...	7.356	6116428	35.750 ug/ml
6) T n-Tetradecane (C14)	8.553	6779343	41.295 ug/mlm
7) T n-Hexadecane (C16)	10.166	7166178	42.302 ug/mlm
8) T n-Octadecane (C18)	11.618	7896638	46.509 ug/mlm
10) T n-Eicosane (C20)	12.928	8019635	49.846 ug/mlm
11) T n-Heneicosane (C21)	13.540	6619475	42.274 ug/mlm
13) T n-Docosane (C22)	14.125	6796804	44.069 ug/mlm
14) T n-Tetracosane (C24)	15.212	12705854	84.052 ug/mlm
15) T n-Hexacosane (C26)	16.247	6321110	42.973 ug/ml
16) T n-Octacosane (C28)	17.192	6180778	43.095 ug/mlm
17) T n-Tricontane (C30)	18.083	6043492	40.770 ug/ml
18) T n-Dotriacontane (C32)	18.916	5942426	40.142 ug/ml
19) T n-Tetratriacontane (C34)	19.701	6102456	41.757 ug/ml
20) T n-Hexatriacontane (C36)	20.442	5815602	40.093 ug/ml
21) T n-Octatriacontane (C38)	21.184	6102869	40.743 ug/ml
22) T n-Tetracontane (C40)	22.103	6434199	40.771 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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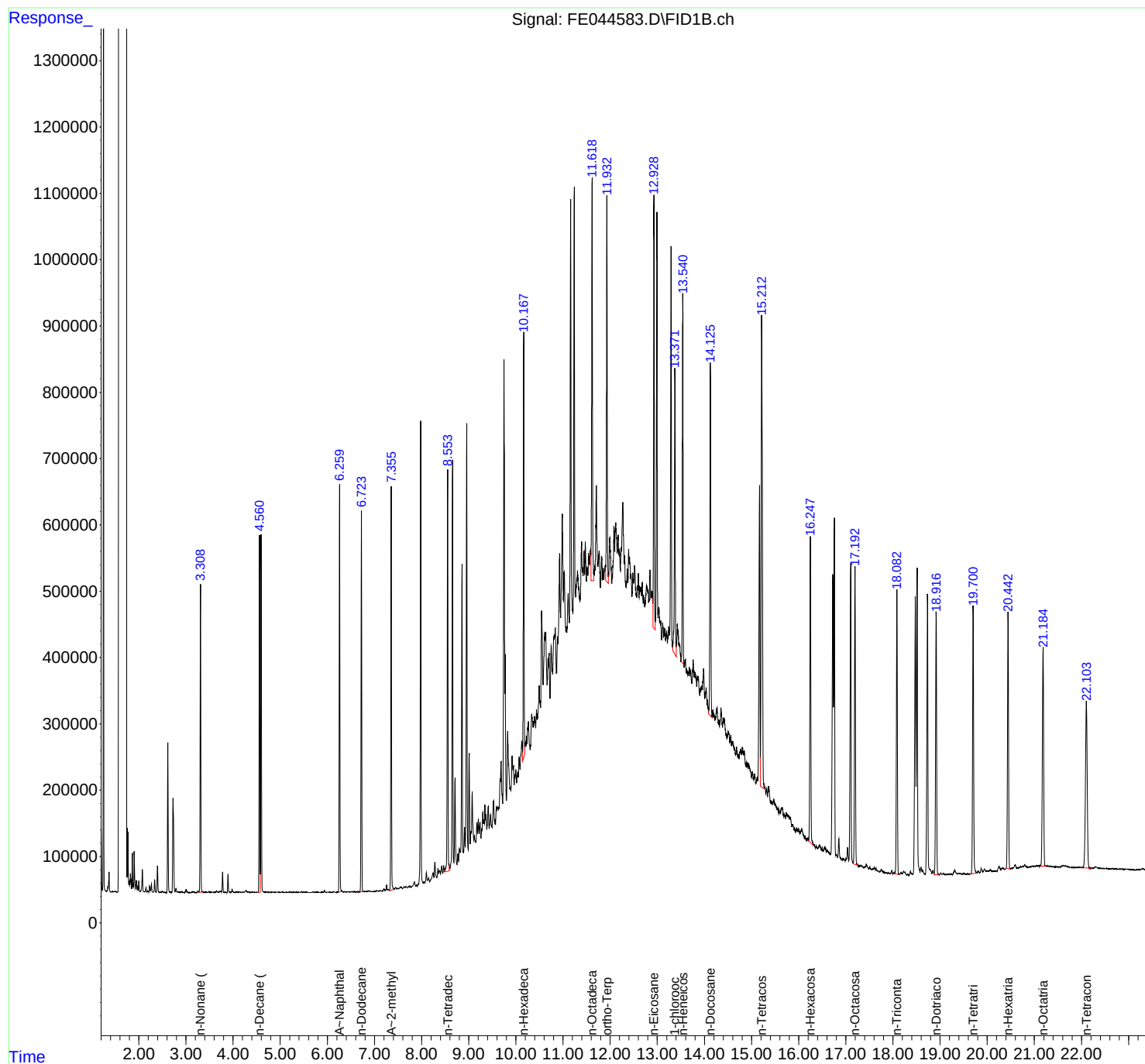
Response via : Initial Calibration

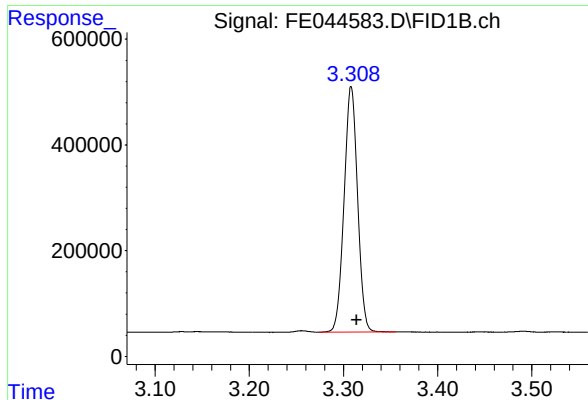
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.006 min
Response: 4629751
Conc: 28.52 ug/ml

Instrument :

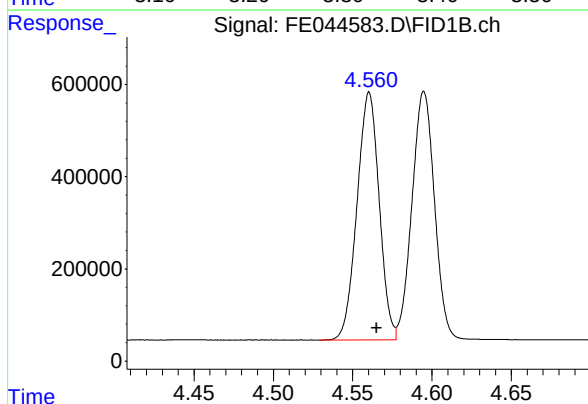
FID_E

ClientSampleId :

WC-1MS

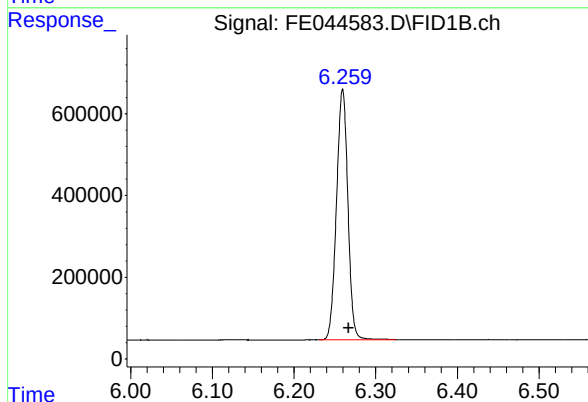
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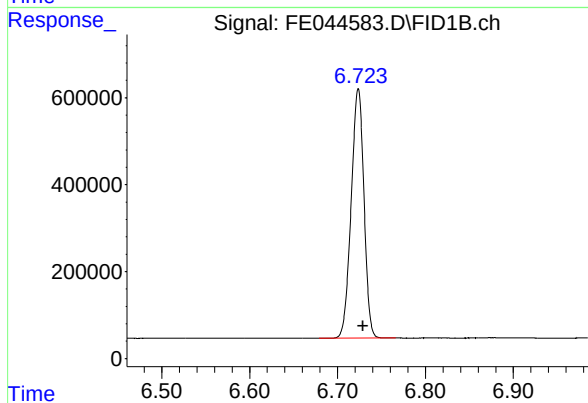
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.005 min
Response: 5223137
Conc: 31.54 ug/ml



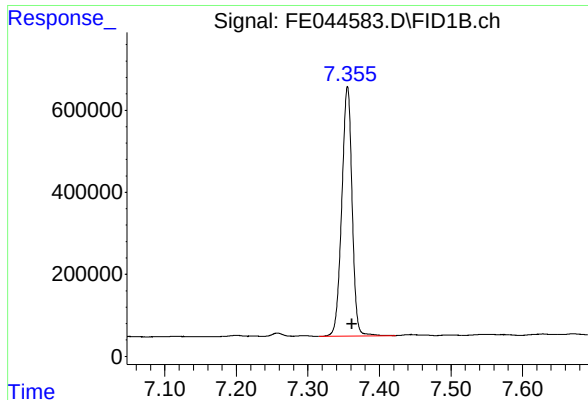
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.007 min
Response: 5952248
Conc: 33.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 5791790
Conc: 34.82 ug/ml



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

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 6116428
Conc: 35.75 ug/ml

Instrument :

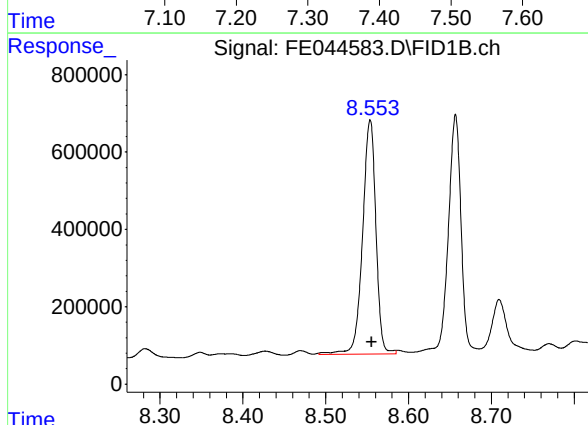
FID_E

ClientSampleId :

WC-1MS

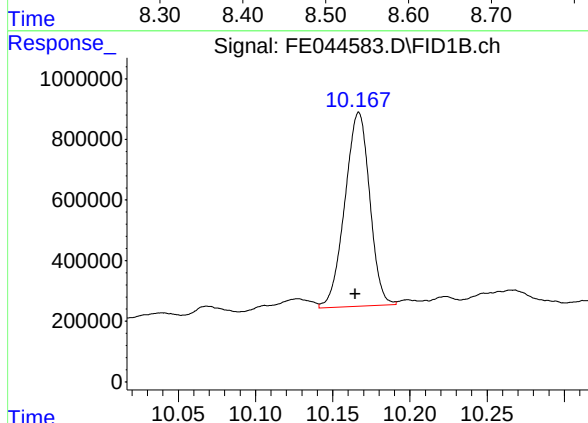
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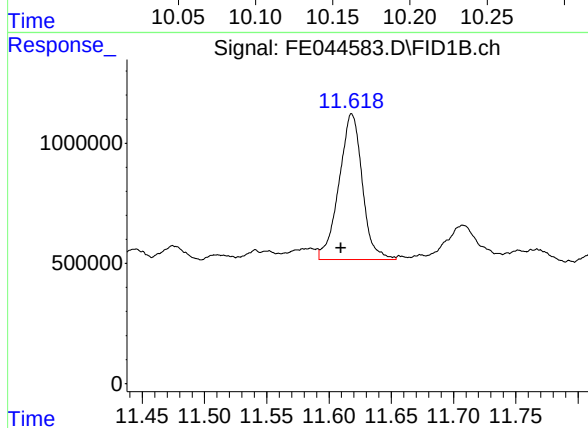
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.002 min
Response: 6779343
Conc: 41.30 ug/ml m



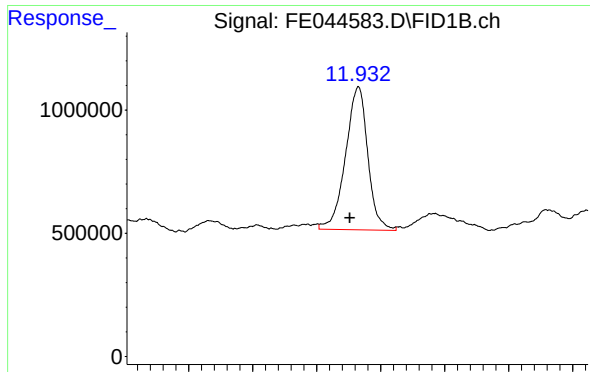
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.002 min
Response: 7166178
Conc: 42.30 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.008 min
Response: 7896638
Conc: 46.51 ug/ml m



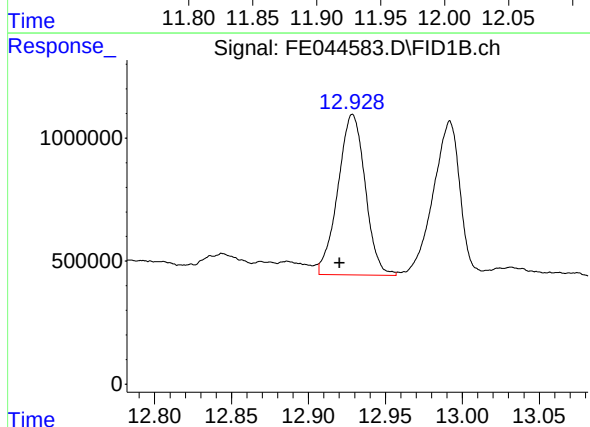
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: 0.006 min
Response: 7010764
Conc: 37.34 ug/ml

Instrument :
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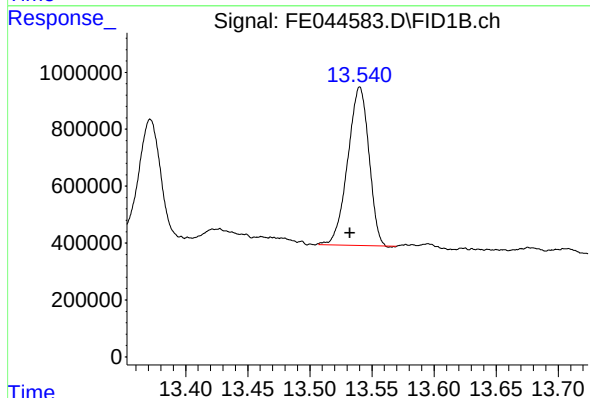
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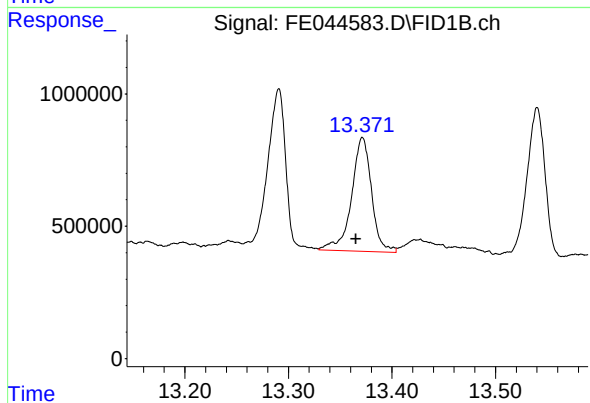
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.008 min
Response: 8019635
Conc: 49.85 ug/ml m



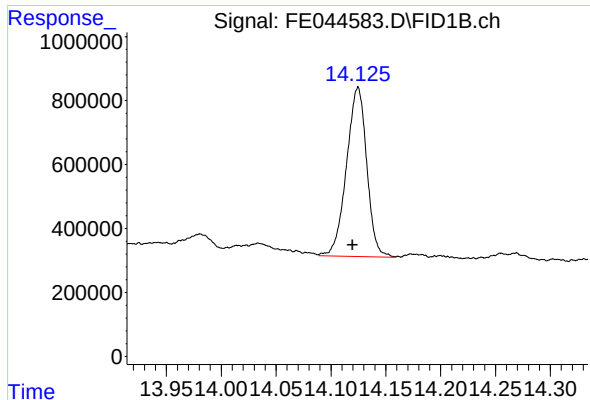
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.007 min
Response: 6619475
Conc: 42.27 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.006 min
Response: 5792600
Conc: 42.58 ug/ml m



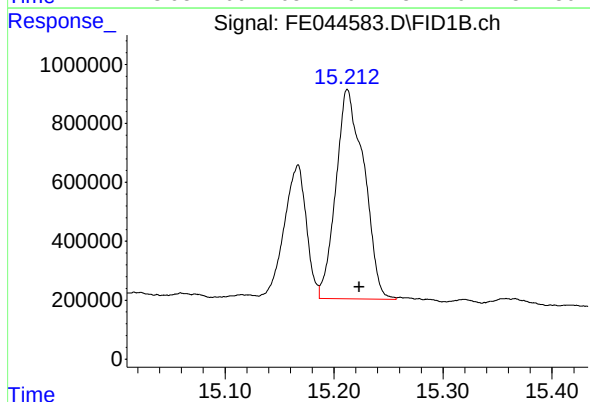
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.005 min
Response: 6796804
Conc: 44.07 ug/ml

Instrument :
FID_E
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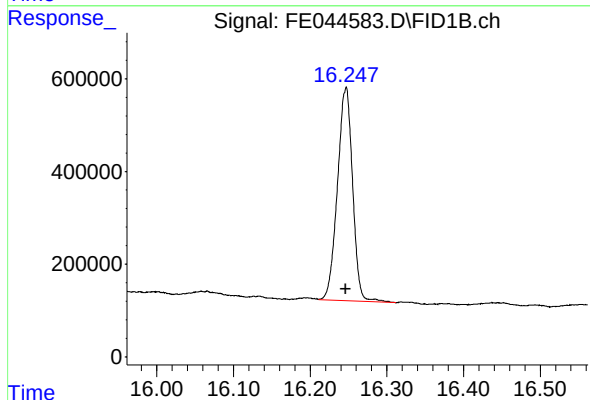
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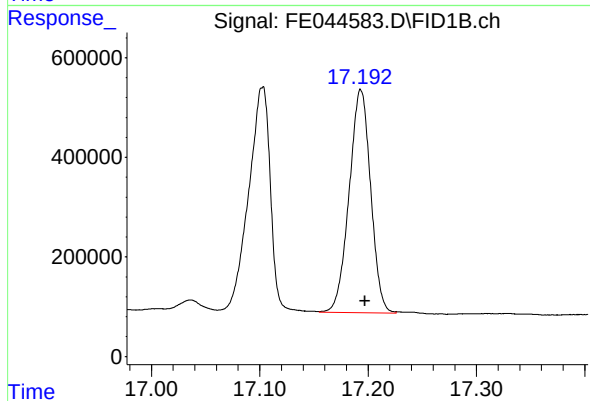
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: -0.012 min
Response: 12705854
Conc: 84.05 ug/ml m



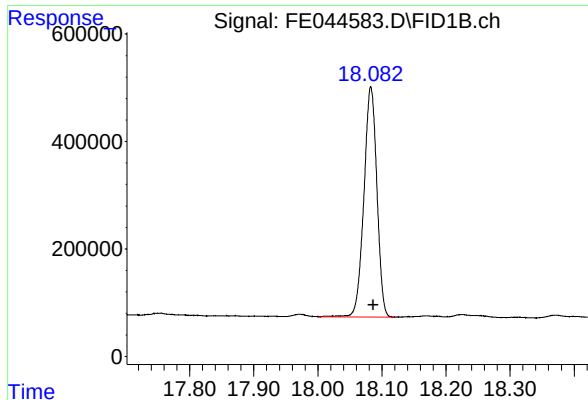
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 6321110
Conc: 42.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 6180778
Conc: 43.09 ug/ml m



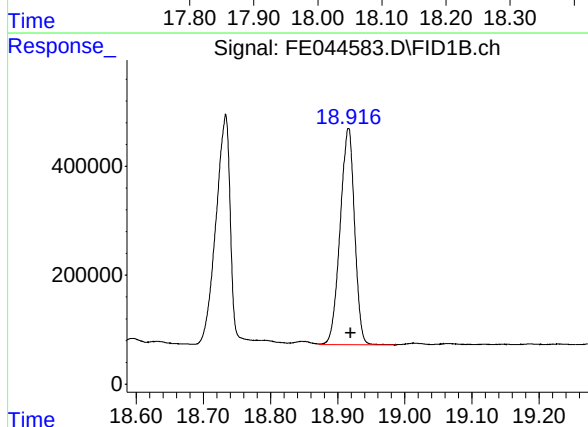
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: -0.004 min
Response: 6043492
Conc: 40.77 ug/ml

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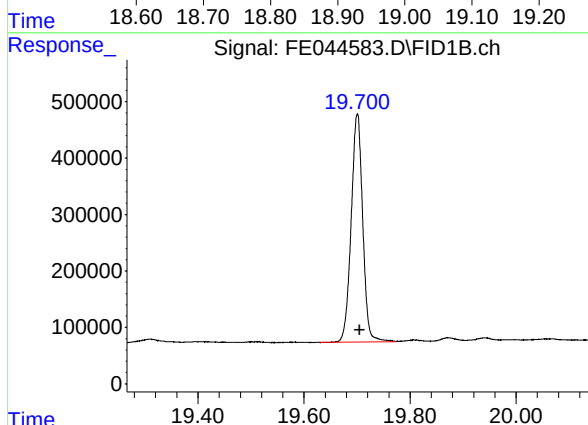
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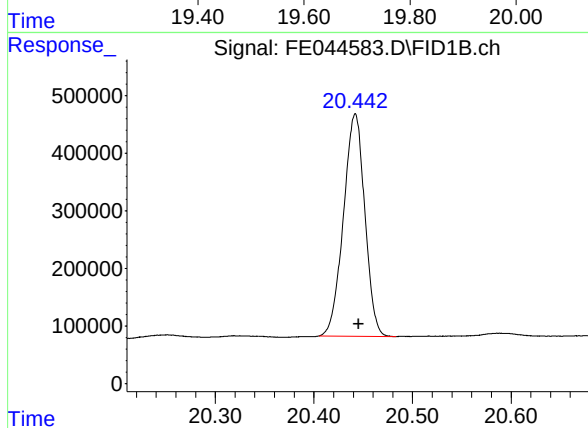
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.003 min
Response: 5942426
Conc: 40.14 ug/ml



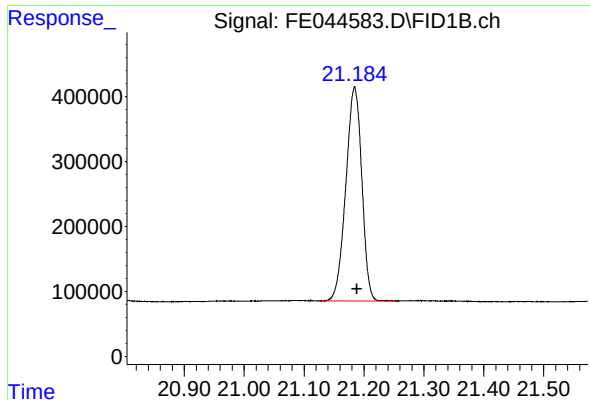
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.004 min
Response: 6102456
Conc: 41.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.004 min
Response: 5815602
Conc: 40.09 ug/ml



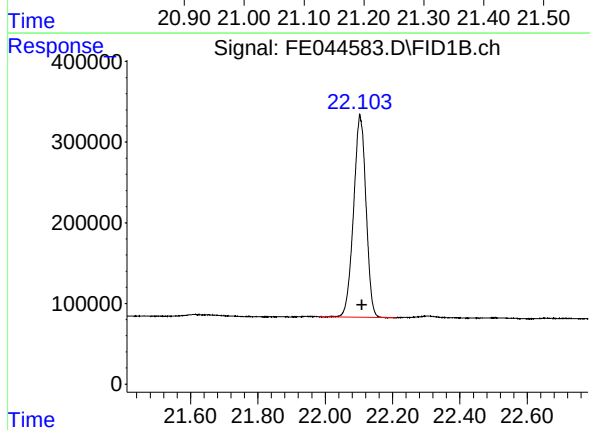
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.004 min
Response: 6102869
Conc: 40.74 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.006 min
Response: 6434199
Conc: 40.77 ug/ml