

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044516.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 14:16
 Operator : YP\AJ
 Sample : PB155957BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :Ankita Jodhani 10/02/2023

Integration File: autoint1.e
 Quant Time: Sep 29 16:49:59 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)	11.923	7988311	42.550 ug/ml
Spiked Amount 50.000		Recovery =	85.10%
12) S 1-chlorooctadecane (S...	13.360	6278731	46.152 ug/ml
Spiked Amount 50.000		Recovery =	92.30%
Target Compounds			
1) T n-Nonane (C9)	3.322	6663399	41.043 ug/ml
2) T n-Decane (C10)	4.568	7219632	43.599 ug/ml
3) T A~Naphthalene (C11.7)	6.263	7851279	43.914 ug/ml
4) T n-Dodecane (C12)	6.726	7653651	46.014 ug/ml
5) T A~2-methylnaphthalene...	7.359	7760104	45.357 ug/ml
6) T n-Tetradecane (C14)	8.554	7681379	46.790 ug/ml
7) T n-Hexadecane (C16)	10.161	7785796	45.959 ug/ml
8) T n-Octadecane (C18)	11.606	7795004	45.910 ug/ml
10) T n-Eicosane (C20)	12.916	7766213	48.270 ug/ml
11) T n-Heneicosane (C21)	13.529	7407938	47.309 ug/ml
13) T n-Docosane (C22)	14.116	7284853	47.233 ug/ml
14) T n-Tetracosane (C24)	15.203	13745901	90.932 ug/mlm
15) T n-Hexacosane (C26)	16.243	6765617	45.995 ug/ml
16) T n-Octacosane (C28)	17.191	6710867	46.791 ug/ml
17) T n-Tricontane (C30)	18.082	6584820	44.422 ug/ml
18) T n-Dotriacontane (C32)	18.915	6445408	43.539 ug/ml
19) T n-Tetratriacontane (C34)	19.699	6496275	44.452 ug/ml
20) T n-Hexatriacontane (C36)	20.441	6323311	43.593 ug/ml
21) T n-Octatriacontane (C38)	21.182	6685020	44.630 ug/ml
22) T n-Tetracontane (C40)	22.103	6974525	44.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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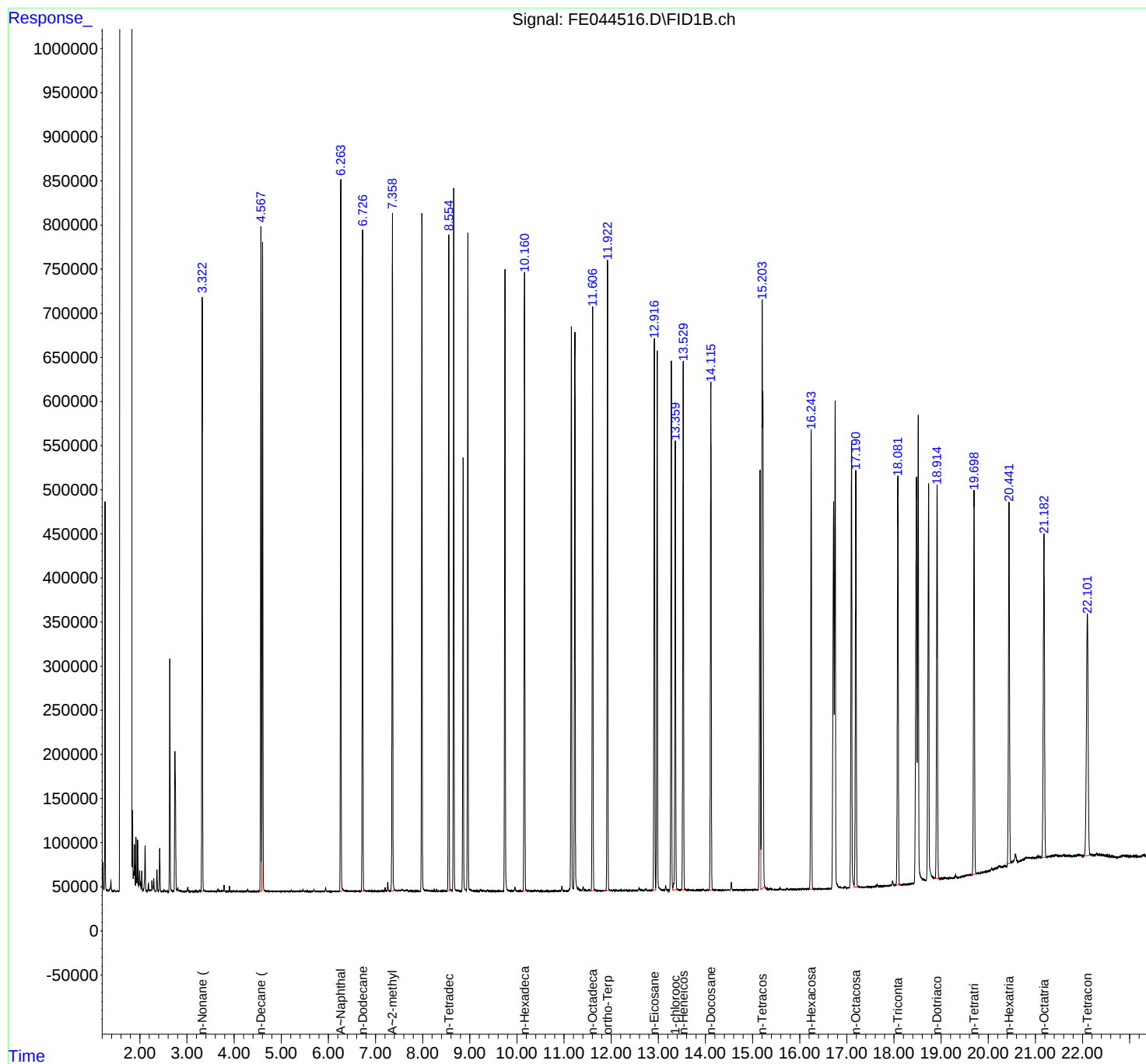
Instrument :
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ClientSampleId :

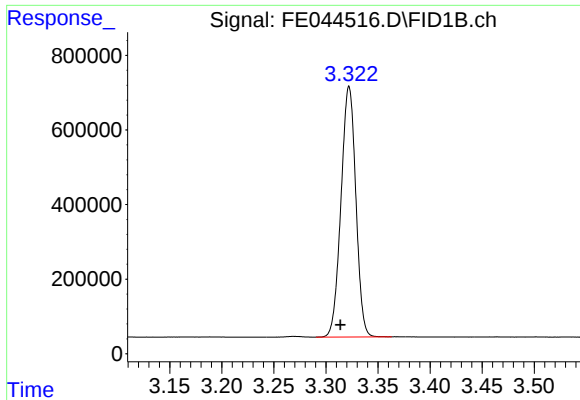
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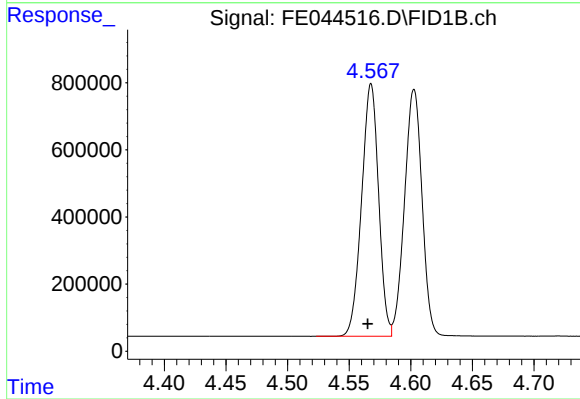
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.008 min
Response: 6663399
Conc: 41.04 ug/ml

Instrument :
FID_E
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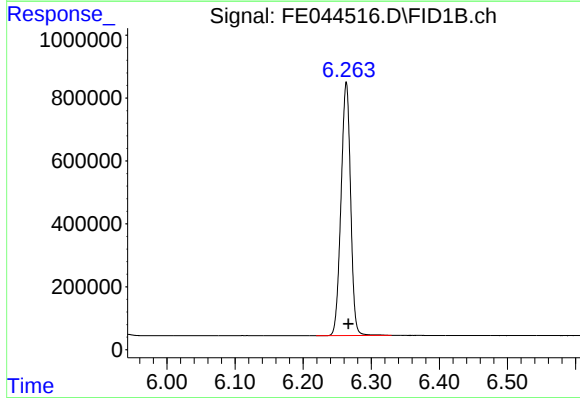
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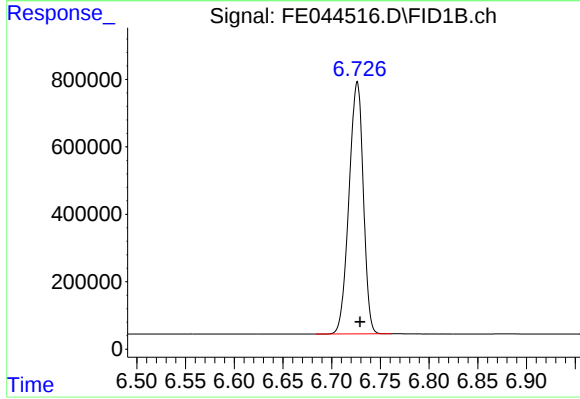
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 7219632
Conc: 43.60 ug/ml



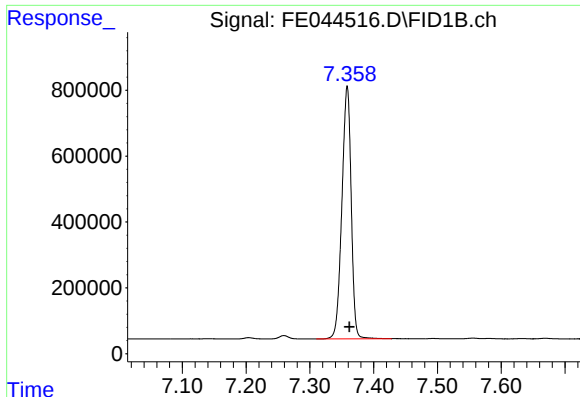
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 7851279
Conc: 43.91 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 7653651
Conc: 46.01 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 7760104
Conc: 45.36 ug/ml

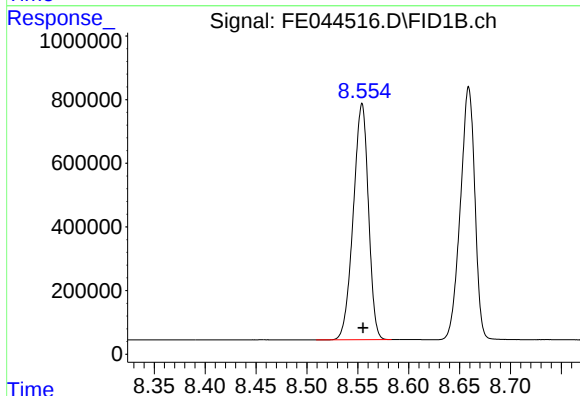
Instrument :

FID_E

ClientSampleId :

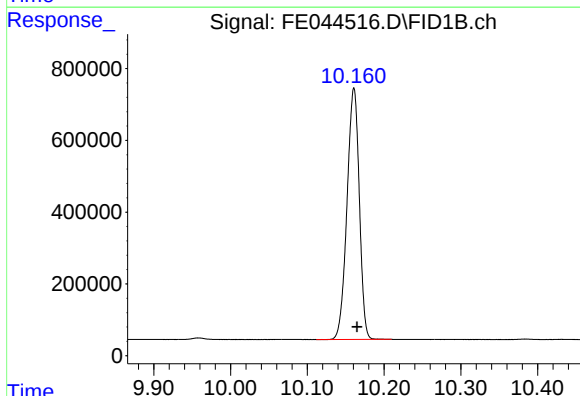
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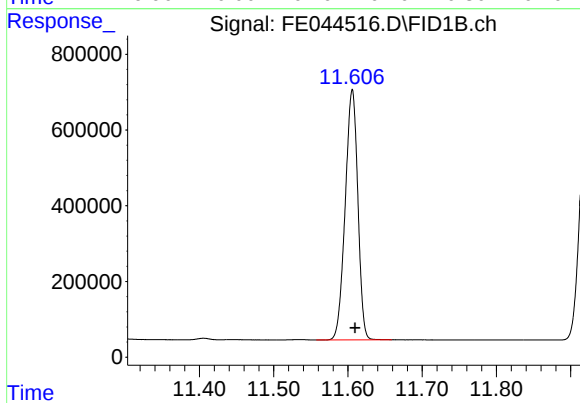
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 7681379
Conc: 46.79 ug/ml



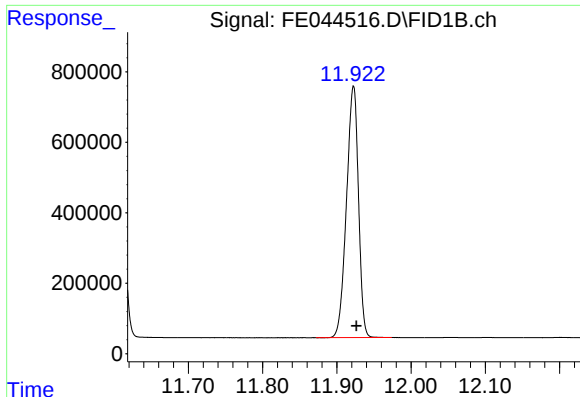
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 7785796
Conc: 45.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.004 min
Response: 7795004
Conc: 45.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.004 min
Response: 7988311
Conc: 42.55 ug/ml

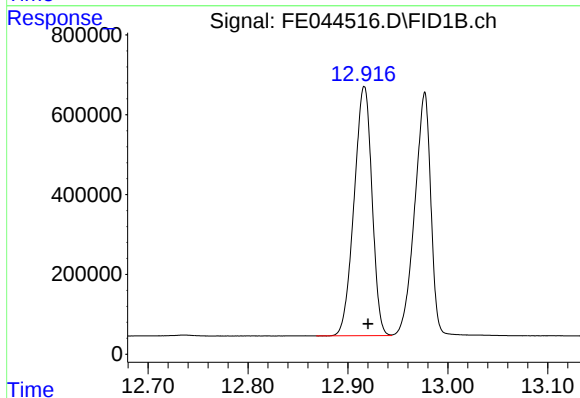
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FID_E

ClientSampleId :

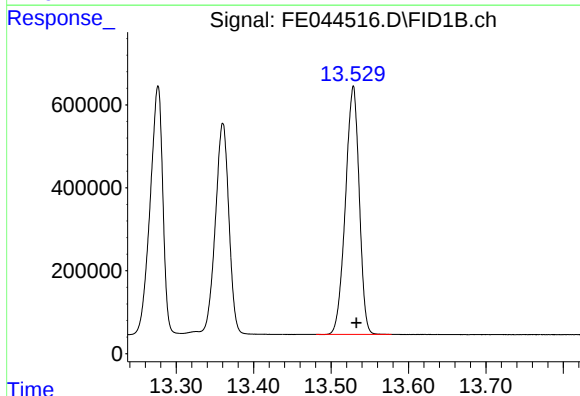
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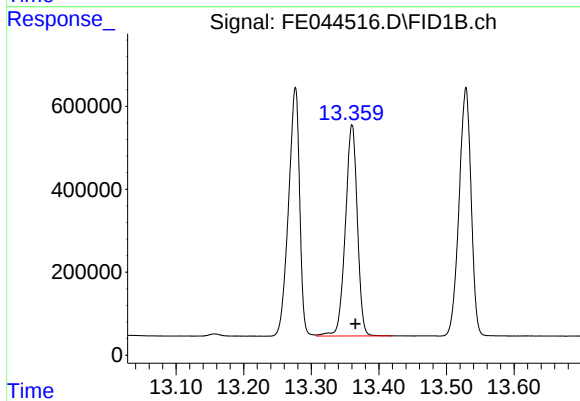
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 7766213
Conc: 48.27 ug/ml



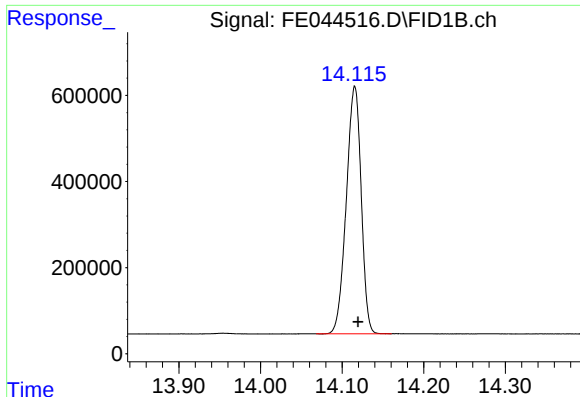
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.004 min
Response: 7407938
Conc: 47.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 6278731
Conc: 46.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.004 min
Response: 7284853
Conc: 47.23 ug/ml

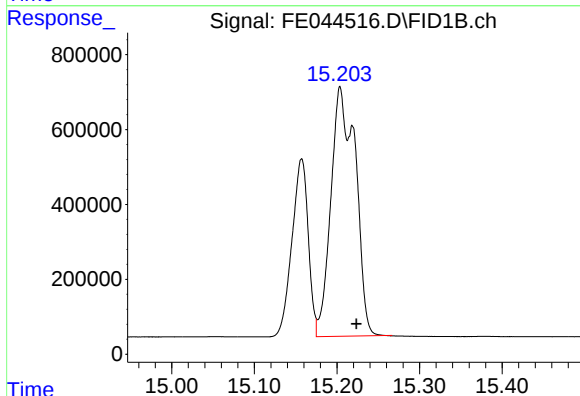
Instrument :

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ClientSampleId :

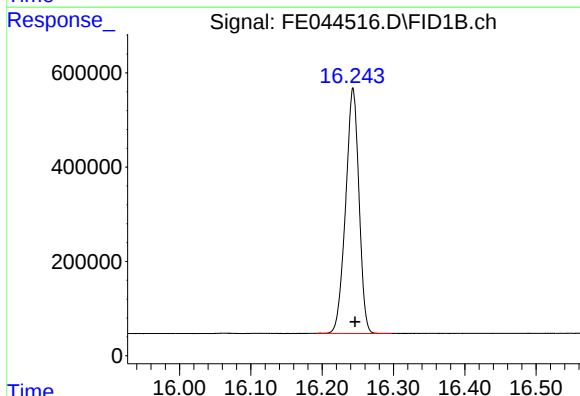
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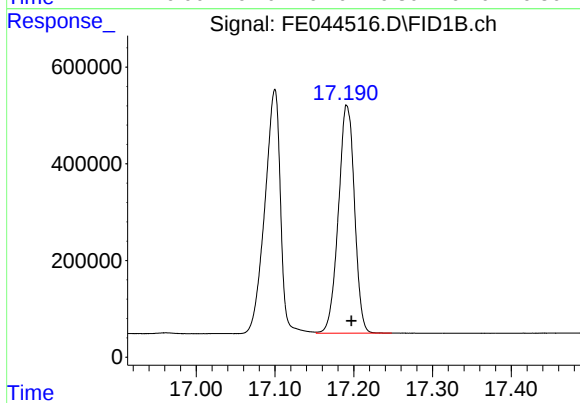
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.020 min
Response: 13745901
Conc: 90.93 ug/ml m



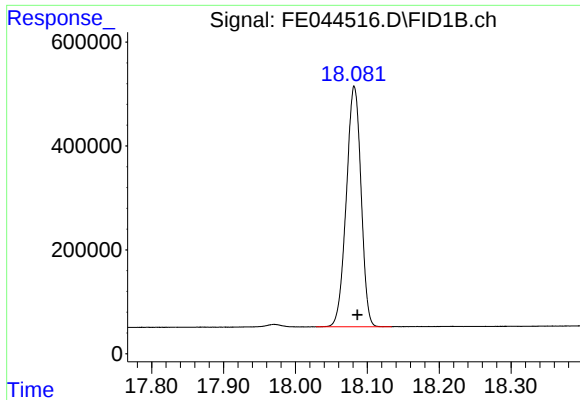
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: -0.003 min
Response: 6765617
Conc: 45.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: -0.006 min
Response: 6710867
Conc: 46.79 ug/ml



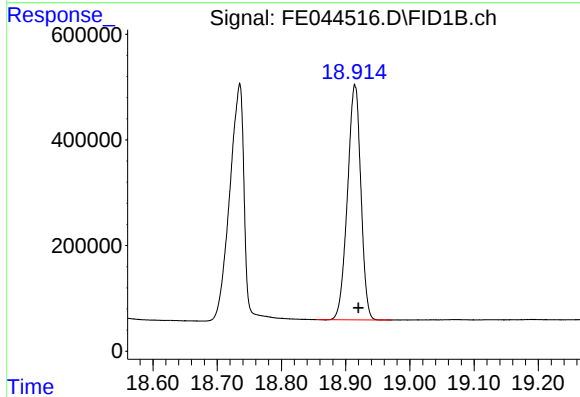
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.004 min
Response: 6584820
Conc: 44.42 ug/ml

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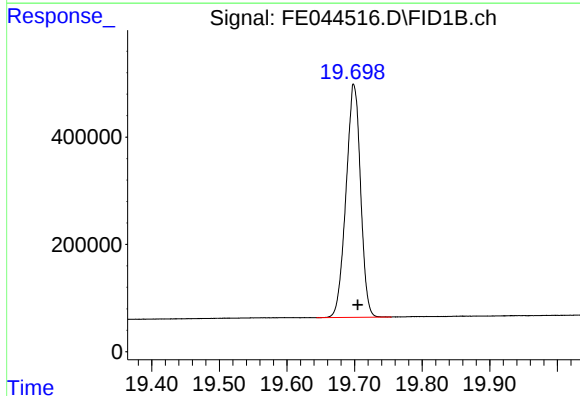
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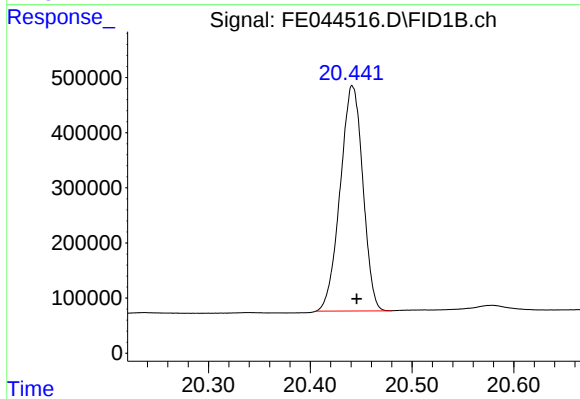
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: -0.005 min
Response: 6445408
Conc: 43.54 ug/ml



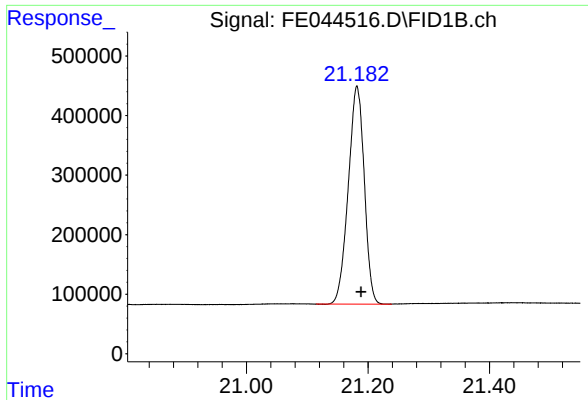
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.006 min
Response: 6496275
Conc: 44.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: -0.004 min
Response: 6323311
Conc: 43.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.006 min
Response: 6685020
Conc: 44.63 ug/ml

Instrument :

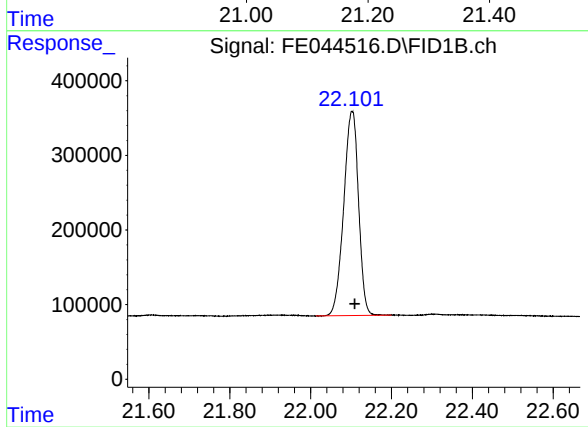
FID_E

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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.007 min
Response: 6974525
Conc: 44.20 ug/ml