

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092523AL\
 Data File : FE044431.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2023 18:56
 Operator : YP\AJ
 Sample : 04567-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SE-SOIL-4MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/26/2023

Supervised By :Ankita Jodhani 09/26/2023

Integration File: autoint1.e

Quant Time: Sep 26 00:19:01 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)	11.924	5254455	27.988 ug/ml
Spiked Amount 50.000		Recovery =	55.98%
12) S 1-chlorooctadecane (S...	13.363	4092218	30.080 ug/ml
Spiked Amount 50.000		Recovery =	60.16%
Target Compounds			
1) T n-Nonane (C9)	3.317	5058975	31.161 ug/ml
2) T n-Decane (C10)	4.567	5739722	34.662 ug/ml
3) T A~Naphthalene (C11.7)	6.266	6296095	35.216 ug/ml
4) T n-Dodecane (C12)	6.729	6137885	36.901 ug/ml
5) T A~2-methylnaphthalene...	7.361	6278220	36.696 ug/ml
6) T n-Tetradecane (C14)	8.557	6269211	38.188 ug/ml
7) T n-Hexadecane (C16)	10.164	6693899	39.514 ug/ml
8) T n-Octadecane (C18)	11.609	7040502	41.466 ug/ml
10) T n-Eicosane (C20)	12.920	7157501	44.487 ug/ml
11) T n-Heneicosane (C21)	13.532	6854215	43.773 ug/ml
13) T n-Docosane (C22)	14.119	6781406	43.969 ug/ml
14) T n-Tetracosane (C24)	15.222	5487220	36.299 ug/mlm
15) T n-Hexacosane (C26)	16.246	6350338	43.172 ug/ml
16) T n-Octacosane (C28)	17.195	6223097	43.390 ug/ml
17) T n-Tricontane (C30)	18.086	6163260	41.578 ug/ml
18) T n-Dotriacontane (C32)	18.919	6053865	40.894 ug/ml
19) T n-Tetratriacontane (C34)	19.703	5982159	40.934 ug/ml
20) T n-Hexatriacontane (C36)	20.444	5881056	40.544 ug/ml
21) T n-Octatriacontane (C38)	21.186	6146972	41.038 ug/ml
22) T n-Tetracontane (C40)	22.107	6292096	39.871 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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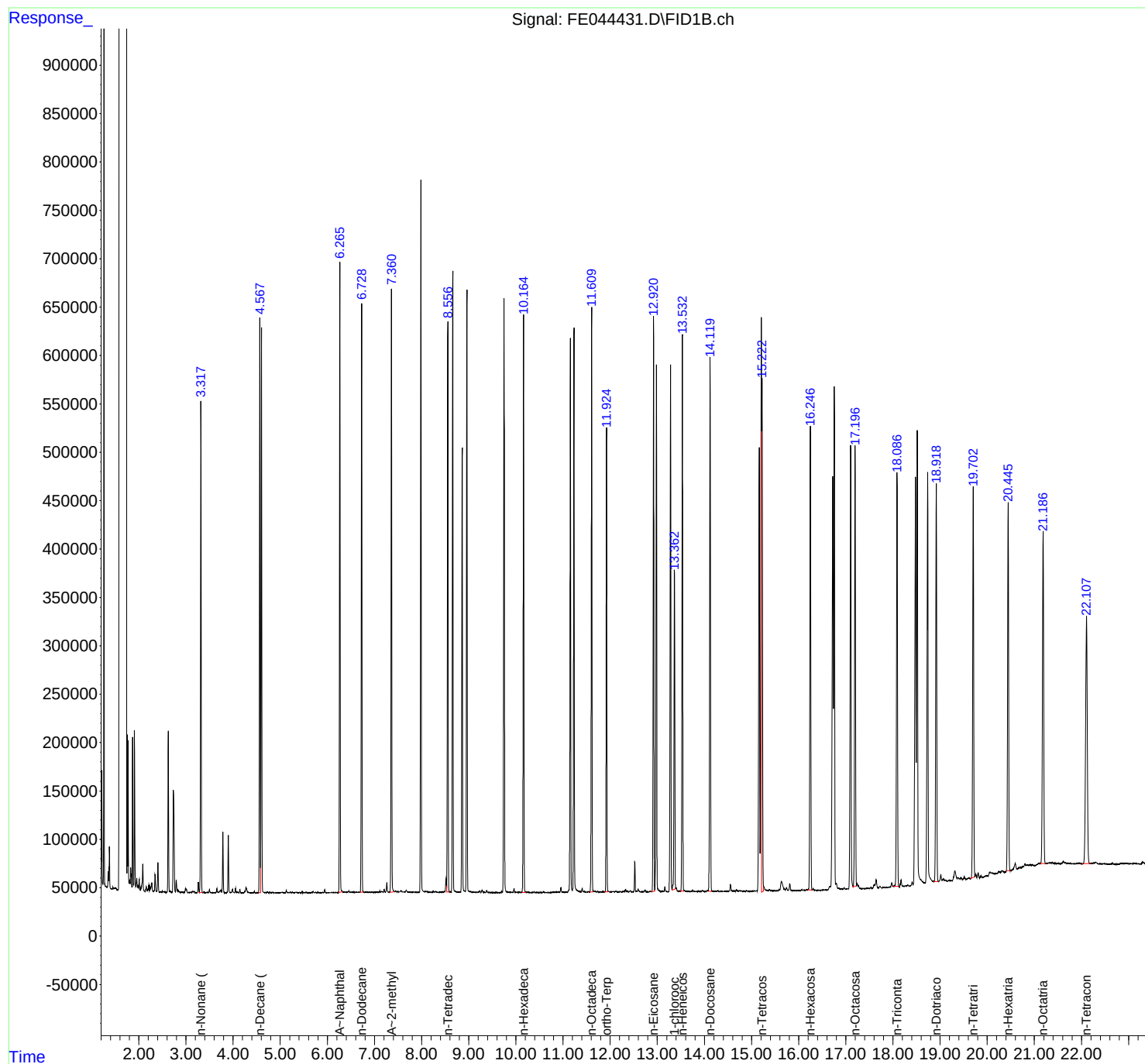
Response via : Initial Calibration

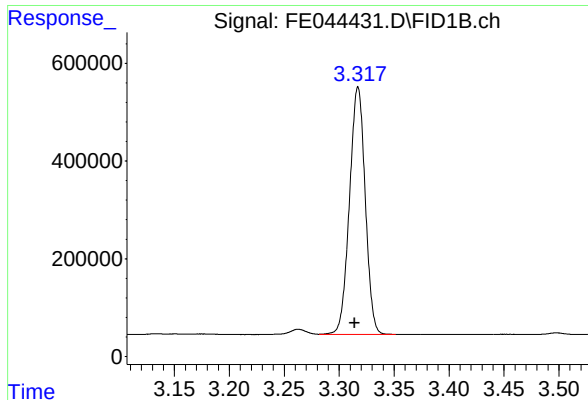
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 5058975
Conc: 31.16 ug/ml

Instrument :

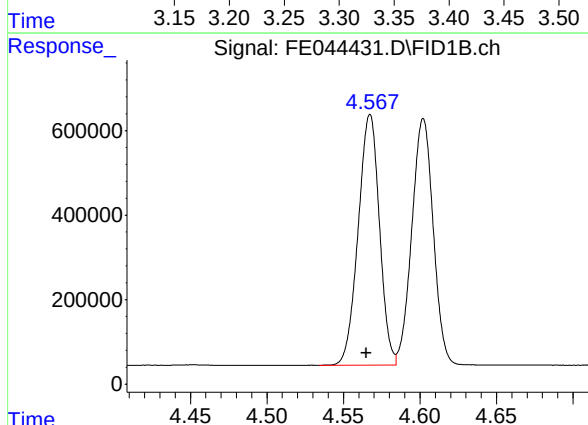
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ClientSampleId :

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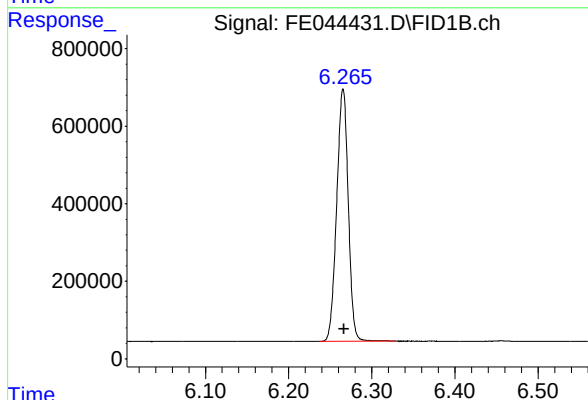
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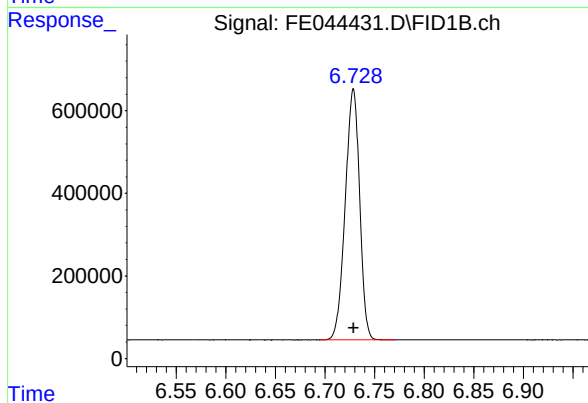
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 5739722
Conc: 34.66 ug/ml



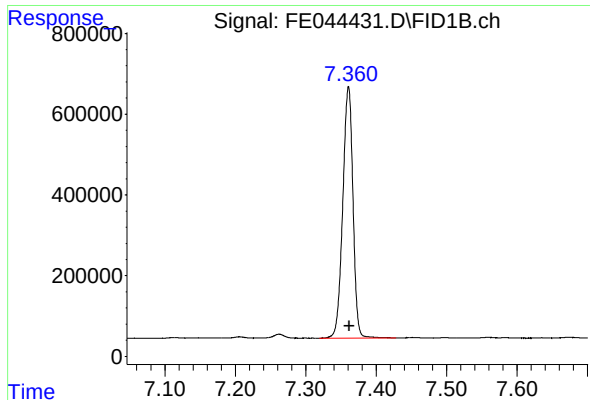
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 6296095
Conc: 35.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 6137885
Conc: 36.90 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 6278220
Conc: 36.70 ug/ml

Instrument :

FID_E

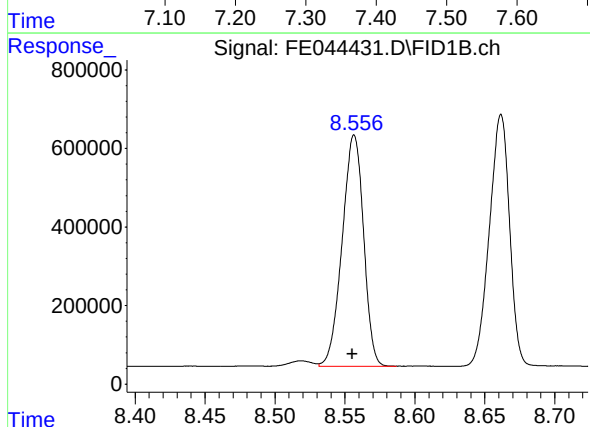
ClientSampleId :

SE-SOIL-4MS

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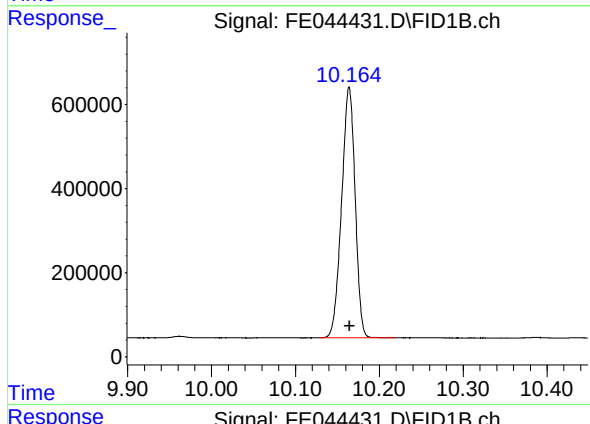
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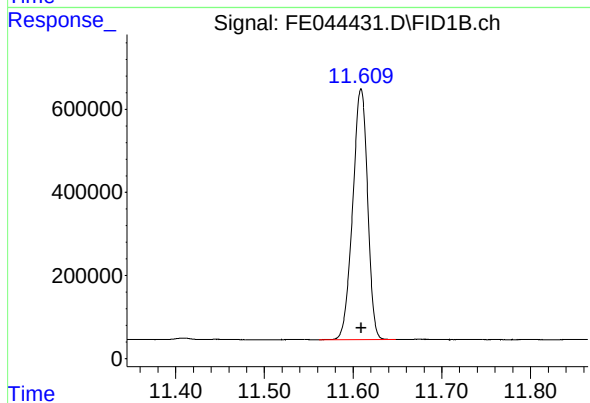
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.001 min
Response: 6269211
Conc: 38.19 ug/ml



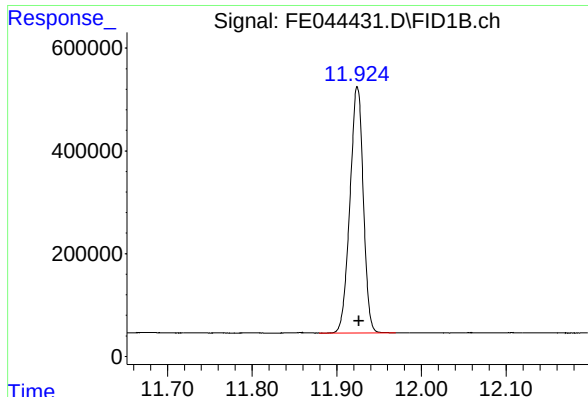
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 6693899
Conc: 39.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 7040502
Conc: 41.47 ug/ml



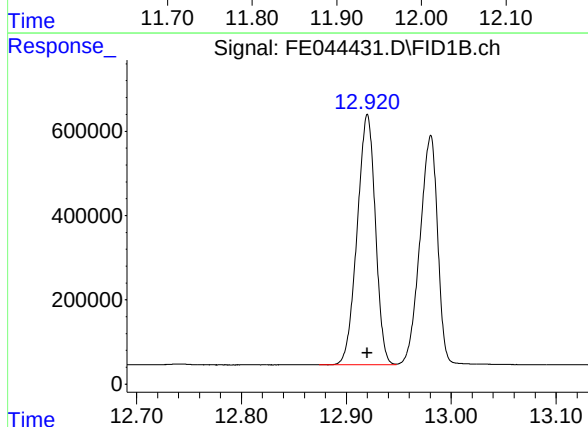
#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.002 min
Response: 5254455
Conc: 27.99 ug/ml

Instrument :
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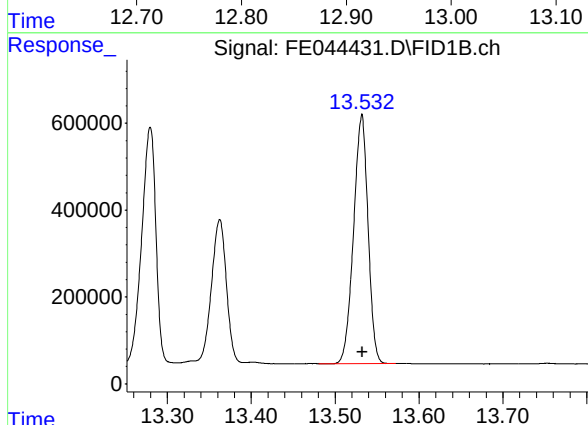
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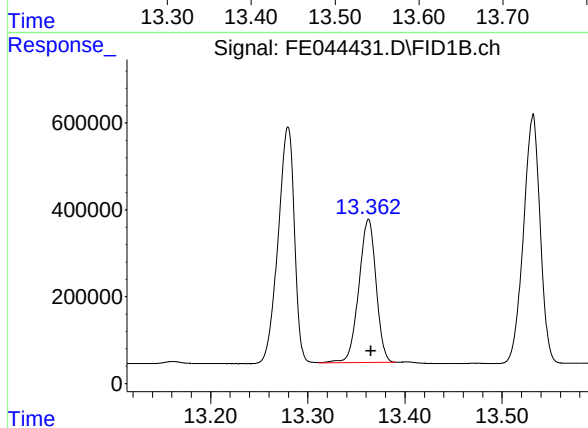
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 7157501
Conc: 44.49 ug/ml



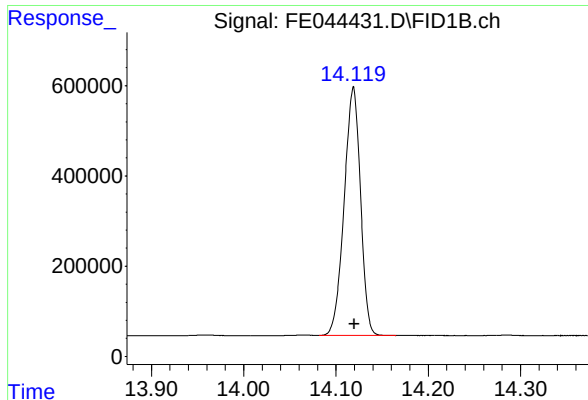
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 6854215
Conc: 43.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: -0.003 min
Response: 4092218
Conc: 30.08 ug/ml



#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 6781406
Conc: 43.97 ug/ml

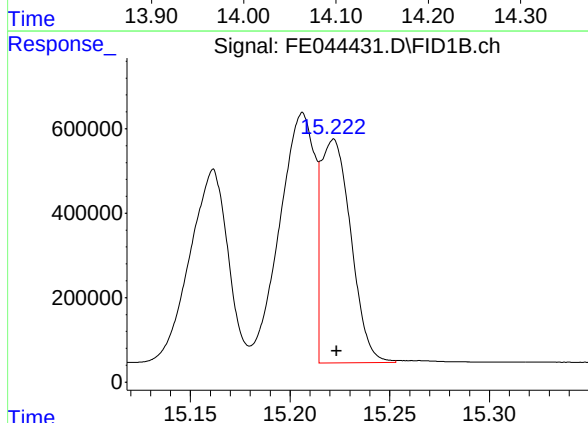
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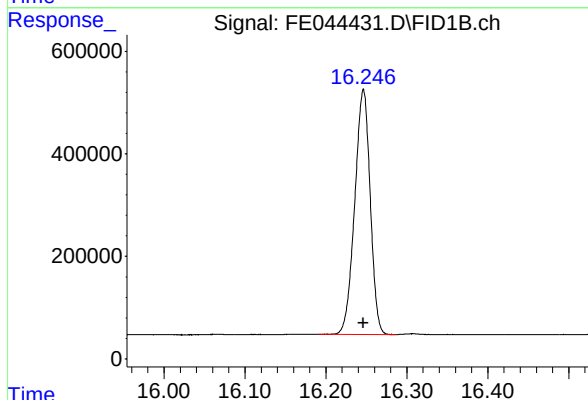
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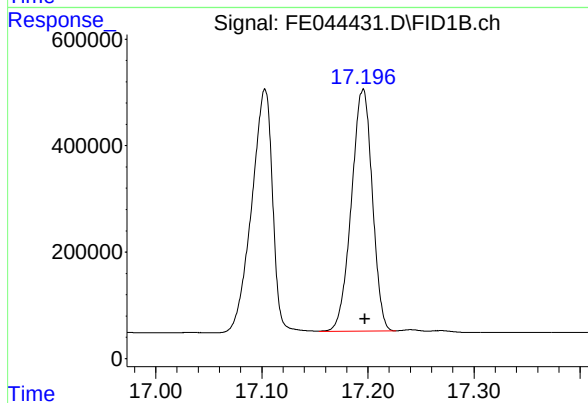
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.002 min
Response: 5487220
Conc: 36.30 ug/ml m



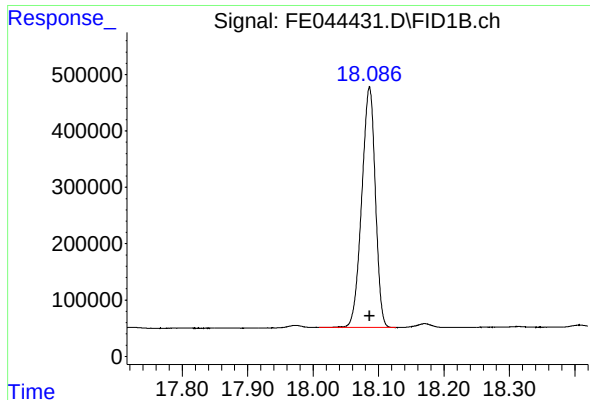
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: 0.000 min
Response: 6350338
Conc: 43.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.195 min
Delta R.T.: -0.002 min
Response: 6223097
Conc: 43.39 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 6163260
Conc: 41.58 ug/ml

Instrument :

FID_E

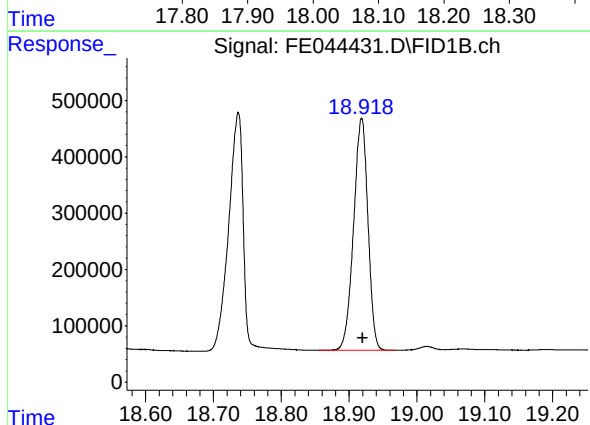
ClientSampleId :

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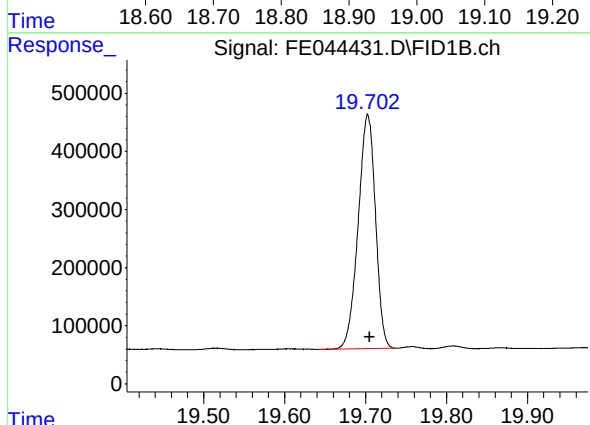
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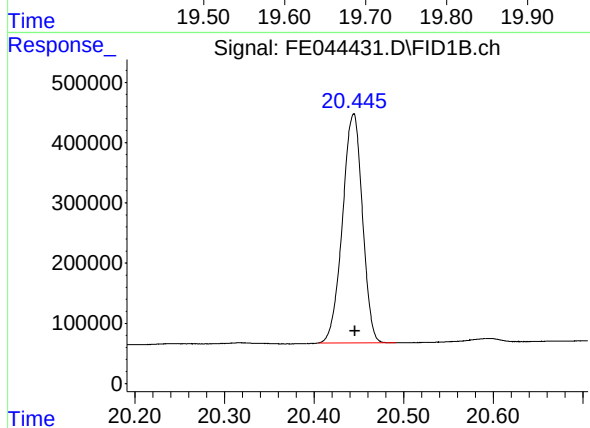
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.001 min
Response: 6053865
Conc: 40.89 ug/ml



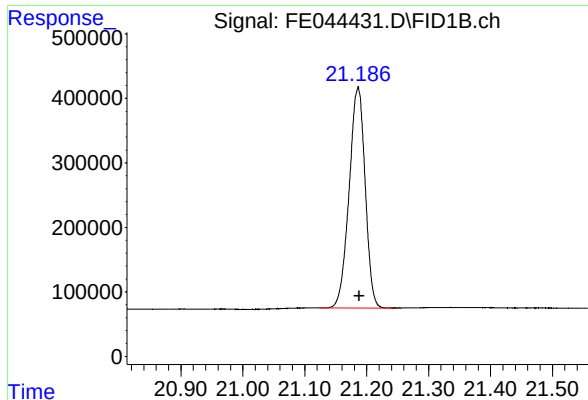
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 5982159
Conc: 40.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 5881056
Conc: 40.54 ug/ml



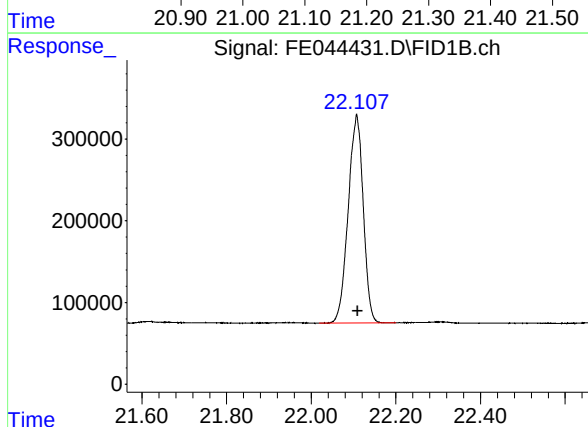
#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.002 min
Response: 6146972
Conc: 41.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.002 min
Response: 6292096
Conc: 39.87 ug/ml