

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044515.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 13:46
 Operator : YP\AJ
 Sample : PB155957BS
 Misc :
 ALS Vial : 16 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 16:49:33 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	8034552	42.797 ug/ml
Spiked Amount 50.000		Recovery =	85.59%
12) S 1-chlorooctadecane (S...	13.361	6305653	46.350 ug/ml
Spiked Amount 50.000		Recovery =	92.70%
Target Compounds			
1) T n-Nonane (C9)	3.322	6842987	42.149 ug/ml
2) T n-Decane (C10)	4.568	7396961	44.670 ug/ml
3) T A~Naphthalene (C11.7)	6.263	7978467	44.626 ug/ml
4) T n-Dodecane (C12)	6.725	7804059	46.918 ug/ml
5) T A~2-methylnaphthalene...	7.358	7848379	45.873 ug/ml
6) T n-Tetradecane (C14)	8.554	7794068	47.476 ug/ml
7) T n-Hexadecane (C16)	10.161	7863117	46.416 ug/ml
8) T n-Octadecane (C18)	11.606	7844711	46.203 ug/ml
10) T n-Eicosane (C20)	12.916	7799300	48.476 ug/ml
11) T n-Heneicosane (C21)	13.529	7445039	47.546 ug/ml
13) T n-Docosane (C22)	14.116	7324387	47.489 ug/ml
14) T n-Tetracosane (C24)	15.204	13831235	91.497 ug/mlm
15) T n-Hexacosane (C26)	16.244	6846318	46.543 ug/ml
16) T n-Octacosane (C28)	17.192	6817694	47.536 ug/ml
17) T n-Tricontane (C30)	18.082	6705088	45.233 ug/ml
18) T n-Dotriacontane (C32)	18.913	6586906	44.495 ug/ml
19) T n-Tetratriacontane (C34)	19.699	6610329	45.232 ug/ml
20) T n-Hexatriacontane (C36)	20.442	6458902	44.528 ug/ml
21) T n-Octatriacontane (C38)	21.185	6784057	45.291 ug/ml
22) T n-Tetracontane (C40)	22.104	7072165	44.814 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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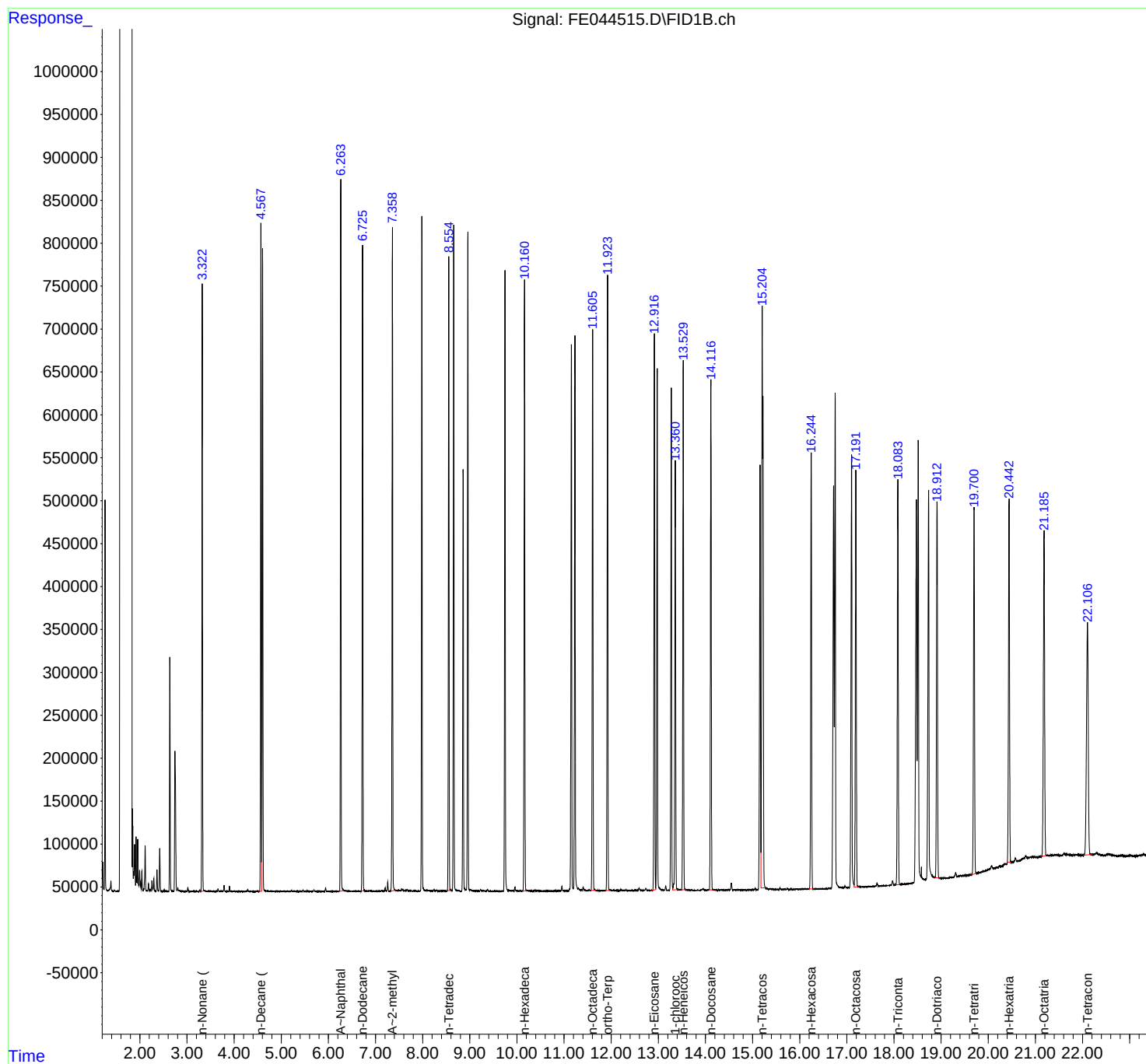
Instrument :
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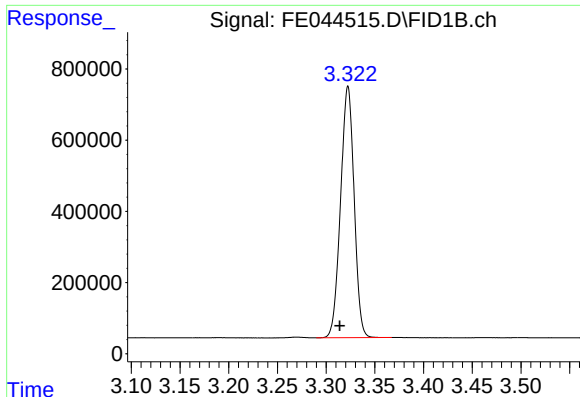
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#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: 0.008 min
Response: 6842987
Conc: 42.15 ug/ml

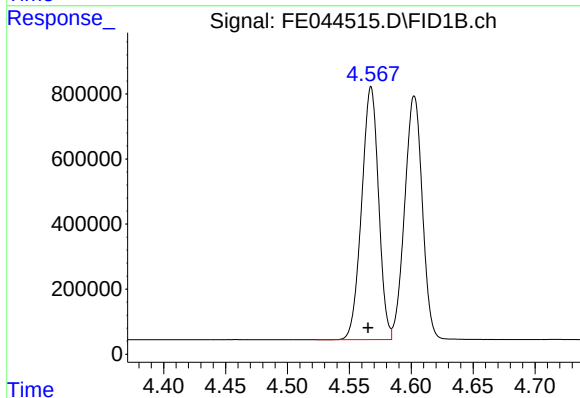
Instrument :

FID_E

ClientSampleId :

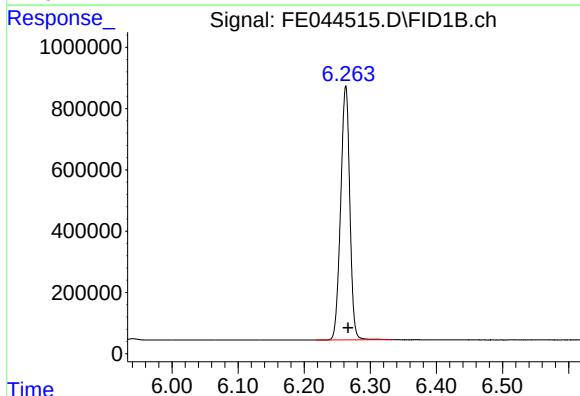
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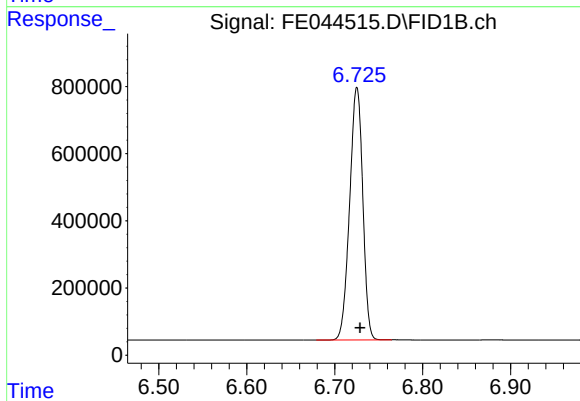
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.003 min
Response: 7396961
Conc: 44.67 ug/ml



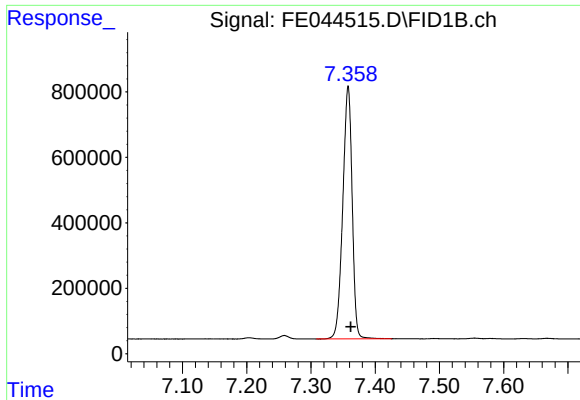
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.004 min
Response: 7978467
Conc: 44.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 7804059
Conc: 46.92 ug/ml



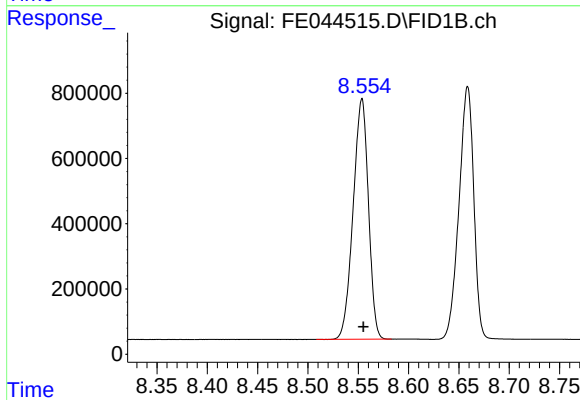
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.358 min
Delta R.T.: -0.004 min
Response: 7848379
Conc: 45.87 ug/ml

Instrument :
FID_E
ClientSampleId :

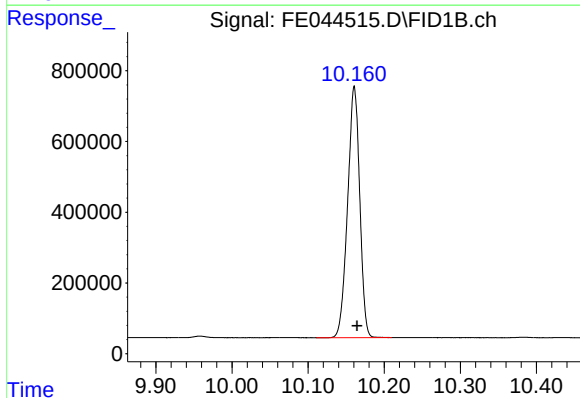
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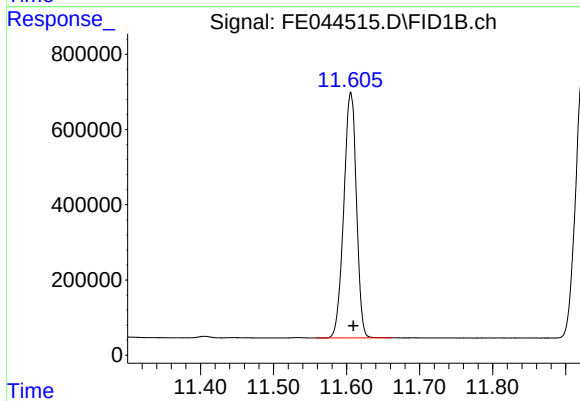
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.002 min
Response: 7794068
Conc: 47.48 ug/ml



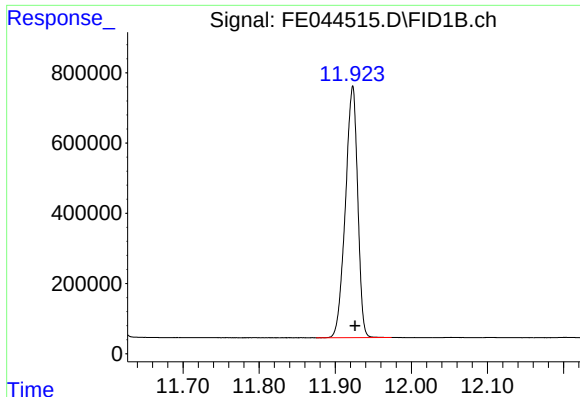
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.004 min
Response: 7863117
Conc: 46.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.004 min
Response: 7844711
Conc: 46.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 8034552
Conc: 42.80 ug/ml

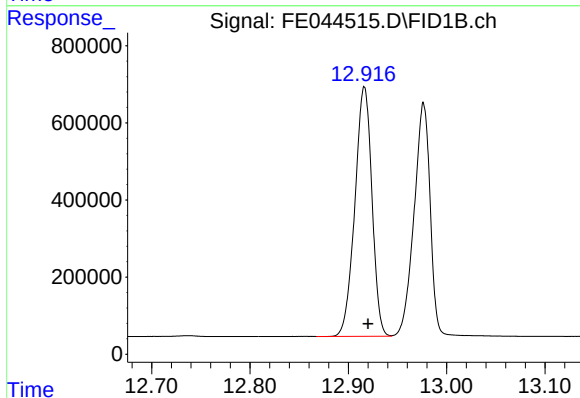
Instrument :

FID_E

ClientSampleId :

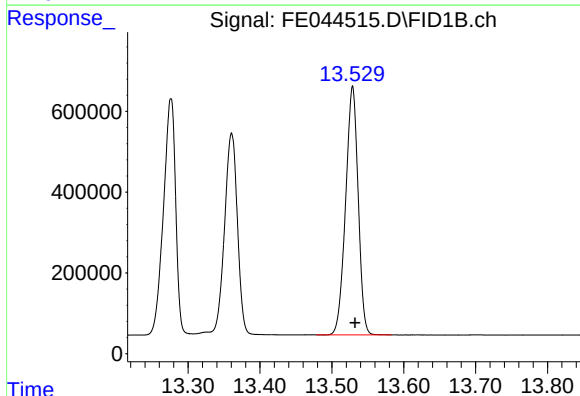
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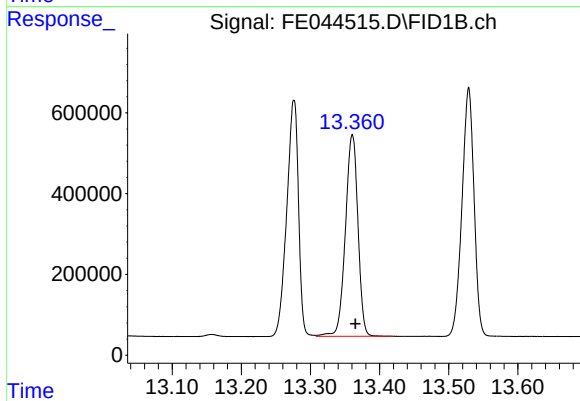
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 7799300
Conc: 48.48 ug/ml



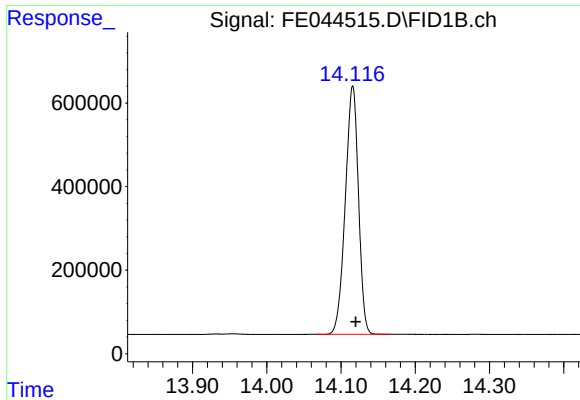
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.004 min
Response: 7445039
Conc: 47.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.004 min
Response: 6305653
Conc: 46.35 ug/ml



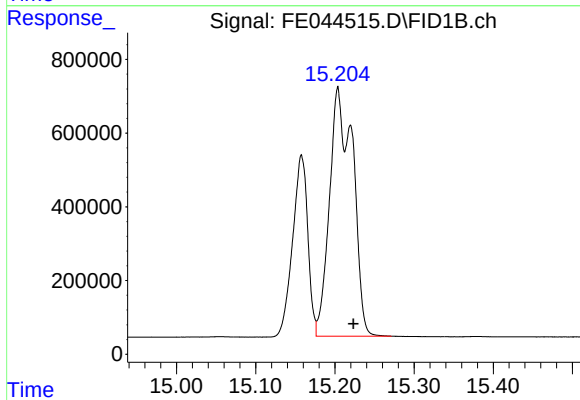
#13 n-Docosane (C22)

R.T.: 14.116 min
Delta R.T.: -0.004 min
Response: 7324387
Conc: 47.49 ug/ml

Instrument :
FID_E
ClientSampleId :

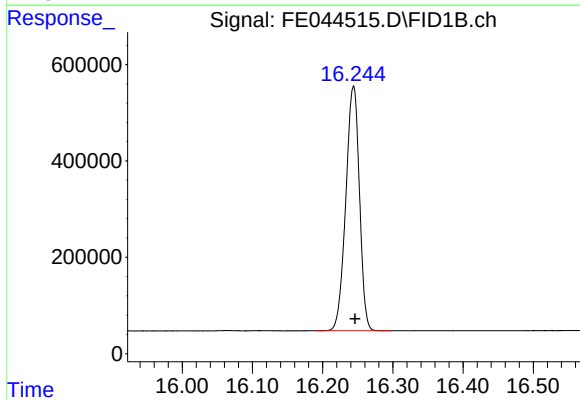
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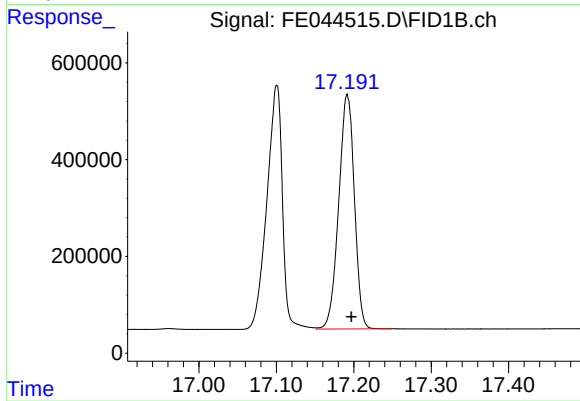
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.020 min
Response: 13831235
Conc: 91.50 ug/ml m



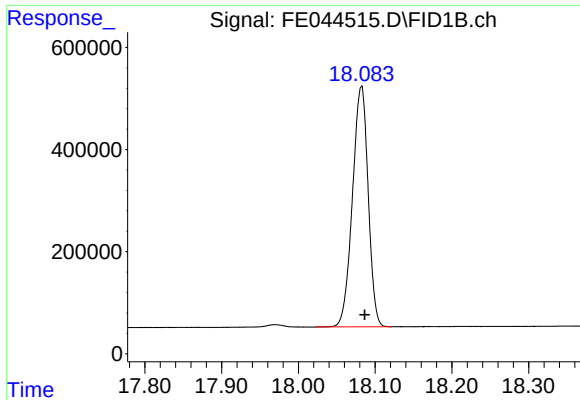
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: -0.002 min
Response: 6846318
Conc: 46.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 6817694
Conc: 47.54 ug/ml



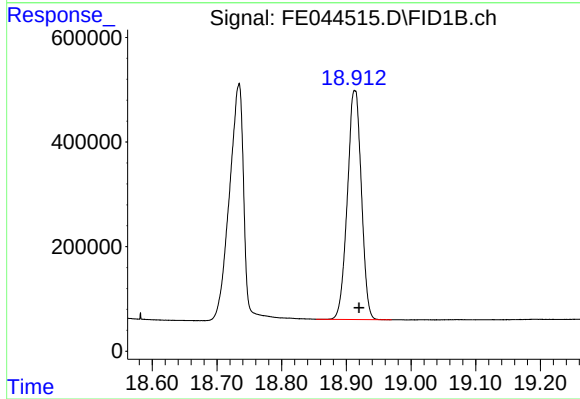
#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: -0.004 min
Response: 6705088
Conc: 45.23 ug/ml

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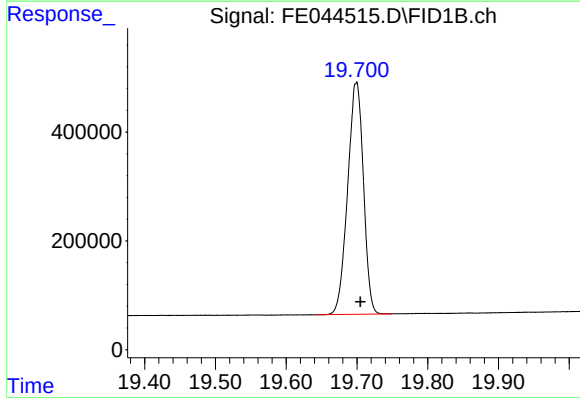
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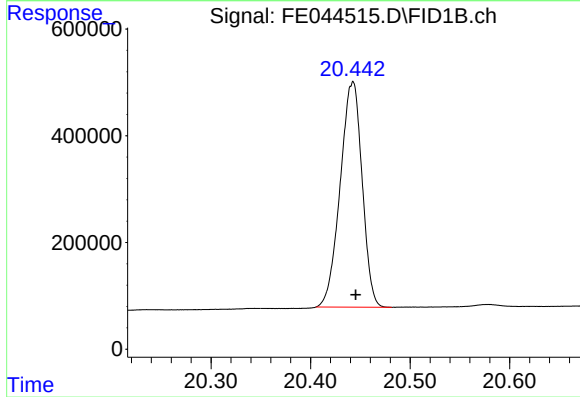
#18 n-Dotriacontane (C32)

R.T.: 18.913 min
Delta R.T.: -0.007 min
Response: 6586906
Conc: 44.50 ug/ml



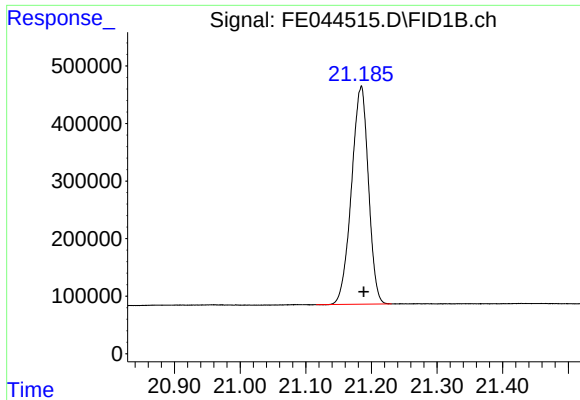
#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.006 min
Response: 6610329
Conc: 45.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.442 min
Delta R.T.: -0.003 min
Response: 6458902
Conc: 44.53 ug/ml



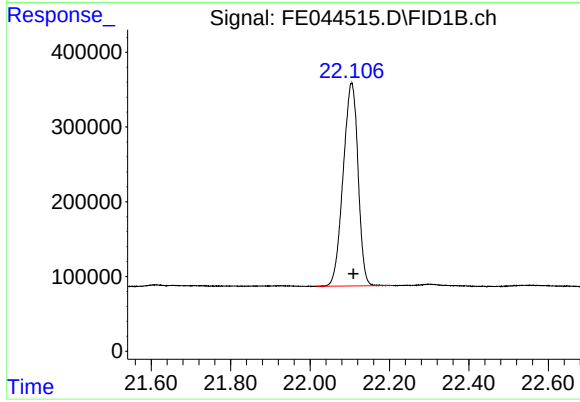
#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.004 min
Response: 6784057
Conc: 45.29 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: -0.005 min
Response: 7072165
Conc: 44.81 ug/ml