

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091323AL\
 Data File : FE044255.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2023 20:11
 Operator : YP\AJ
 Sample : 04399-03MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11985MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e

Quant Time: Sep 14 01:11:28 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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	6852168	36.169 ug/ml
Spiked Amount 50.000		Recovery =	72.34%
12) S 1-chlorooctadecane (S...	13.369	5599223	40.531 ug/ml
Spiked Amount 50.000		Recovery =	81.06%
Target Compounds			
1) T n-Nonane (C9)	3.319	4881898	29.926 ug/ml
2) T n-Decane (C10)	4.571	5597223	33.675 ug/ml
3) T A~Naphthalene (C11.7)	6.271	6231245	34.798 ug/ml
4) T n-Dodecane (C12)	6.734	6141728	36.520 ug/ml
5) T A~2-methylnaphthalene...	7.367	6374770	37.185 ug/ml
6) T n-Tetradecane (C14)	8.563	6526654	38.917 ug/ml
7) T n-Hexadecane (C16)	10.171	7004494	40.527 ug/ml
8) T n-Octadecane (C18)	11.616	7283508	41.842 ug/ml
10) T n-Eicosane (C20)	12.927	7480348	45.223 ug/ml
11) T n-Heneicosane (C21)	13.539	7210227	44.575 ug/ml
13) T n-Docosane (C22)	14.126	7185030	44.974 ug/ml
14) T n-Tetracosane (C24)	15.229	5220409	33.383 ug/ml
15) T n-Hexacosane (C26)	16.254	6650177	44.113 ug/ml
16) T n-Octacosane (C28)	17.202	6779012	46.975 ug/ml
17) T n-Tricontane (C30)	18.092	6486841	44.650 ug/ml
18) T n-Dotriacontane (C32)	18.925	6386673	44.836 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6161237	44.028 ug/ml
20) T n-Hexatriacontane (C36)	20.450	5870354	42.820 ug/ml
21) T n-Octatriacontane (C38)	21.195	6043732	43.538 ug/ml
22) T n-Tetracontane (C40)	22.117	6330043	45.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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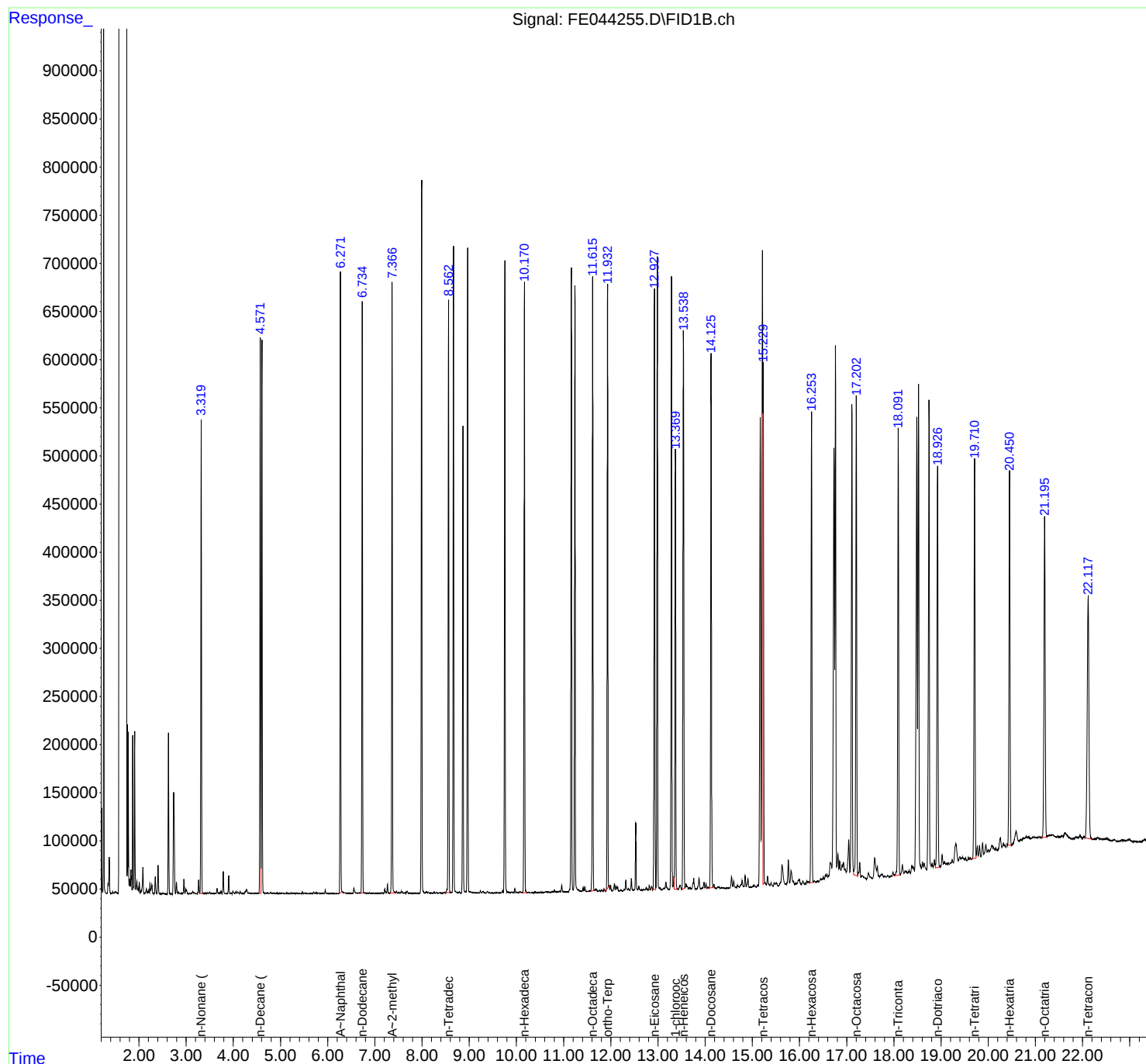
Response via : Initial Calibration

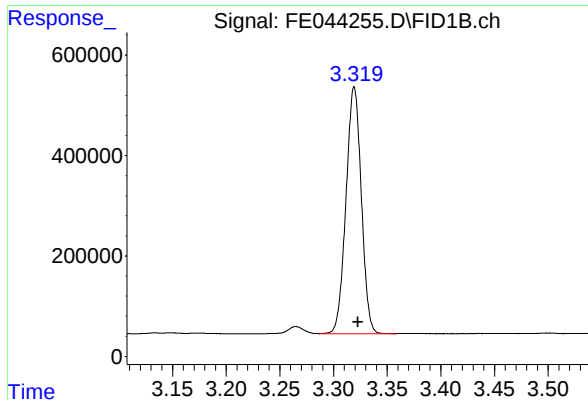
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 4881898
Conc: 29.93 ug/ml

Instrument :

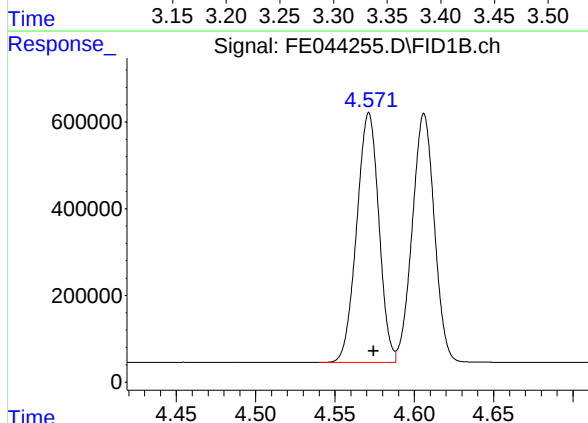
FID_E

ClientSampleId :

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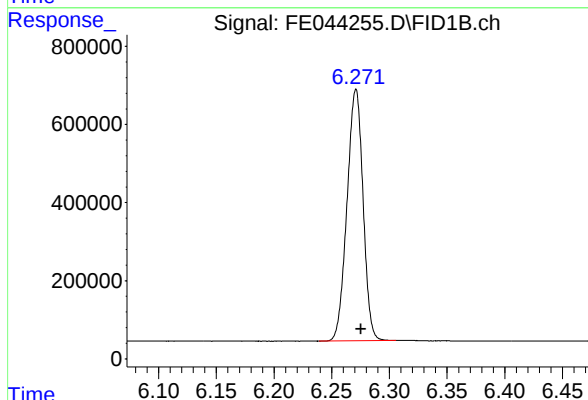
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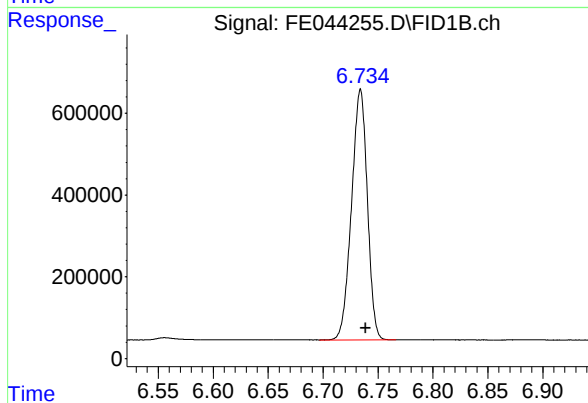
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.003 min
Response: 5597223
Conc: 33.67 ug/ml



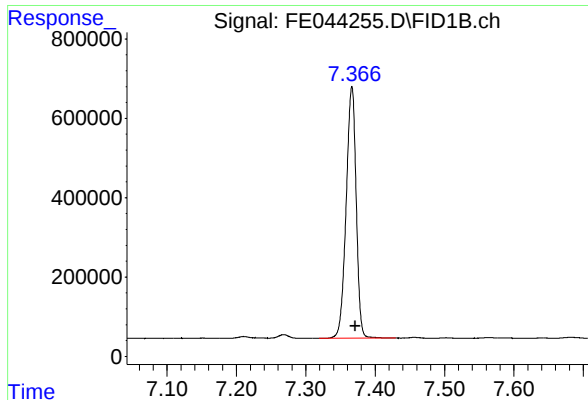
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 6231245
Conc: 34.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 6141728
Conc: 36.52 ug/ml



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

R.T.: 7.367 min
Delta R.T.: -0.005 min
Response: 6374770
Conc: 37.18 ug/ml

Instrument :

FID_E

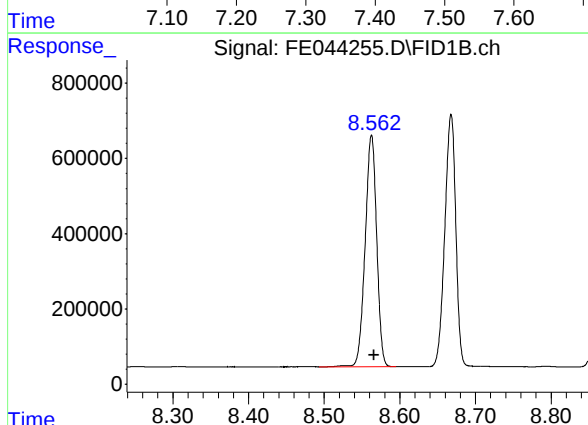
ClientSampleId :

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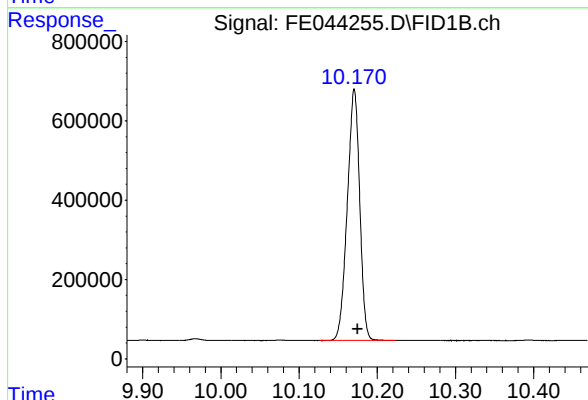
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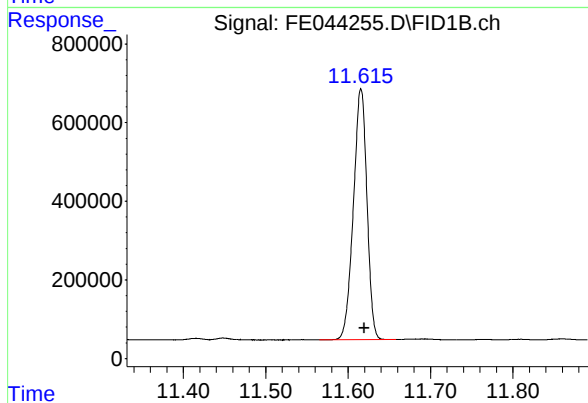
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 6526654
Conc: 38.92 ug/ml



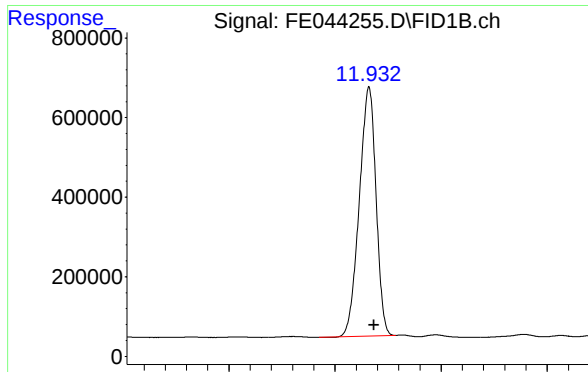
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: -0.004 min
Response: 7004494
Conc: 40.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.004 min
Response: 7283508
Conc: 41.84 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.005 min
Response: 6852168
Conc: 36.17 ug/ml

Instrument :

FID_E

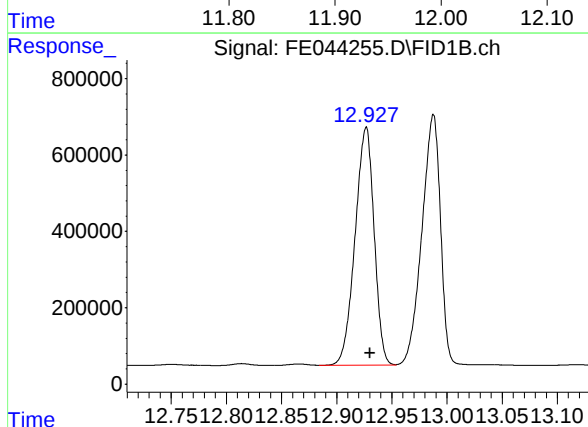
ClientSampleId :

72-11985MSD

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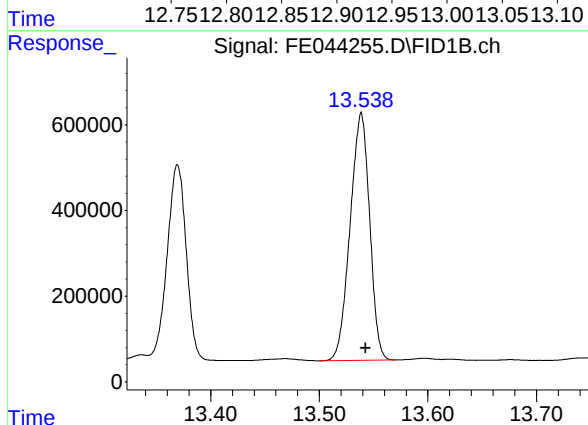
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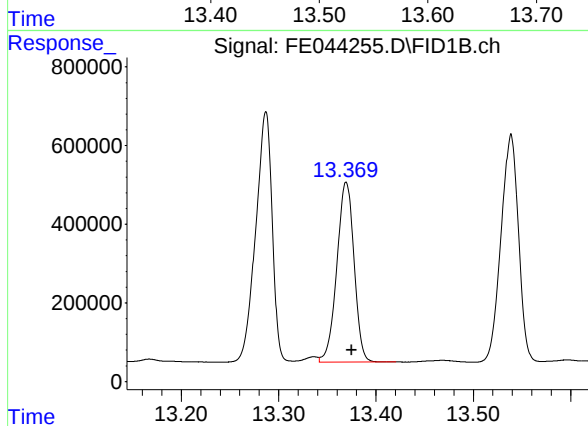
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.003 min
Response: 7480348
Conc: 45.22 ug/ml



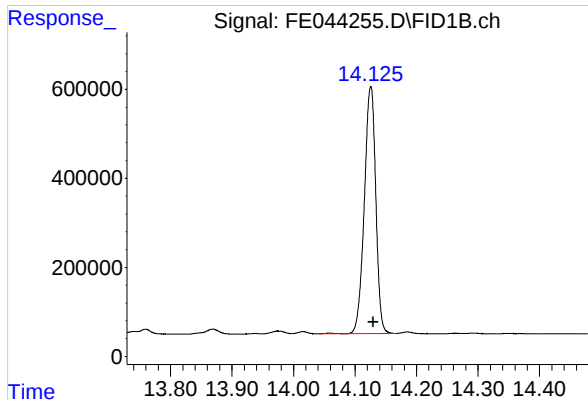
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.004 min
Response: 7210227
Conc: 44.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.006 min
Response: 5599223
Conc: 40.53 ug/ml



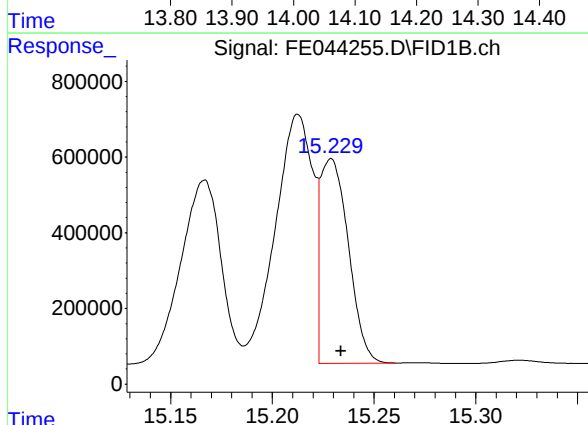
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.004 min
Response: 7185030
Conc: 44.97 ug/ml

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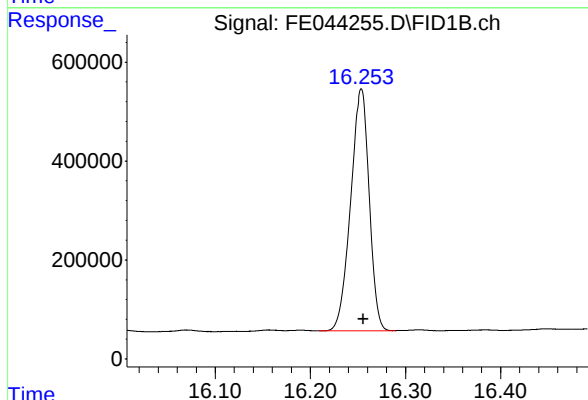
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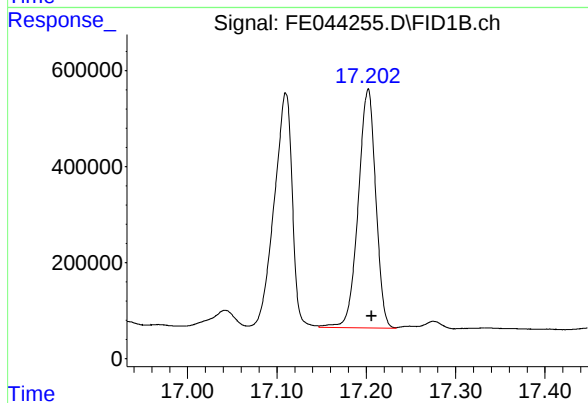
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.005 min
Response: 5220409
Conc: 33.38 ug/ml



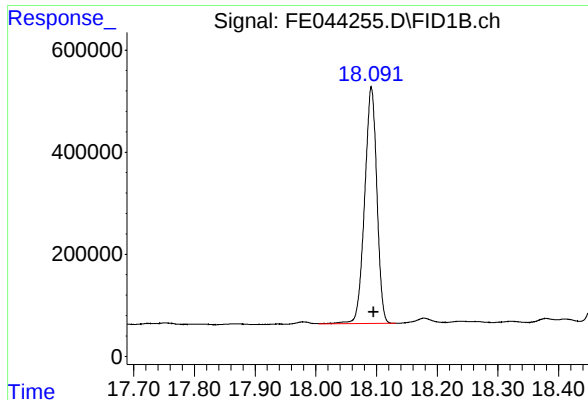
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.002 min
Response: 6650177
Conc: 44.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.202 min
Delta R.T.: -0.004 min
Response: 6779012
Conc: 46.98 ug/ml



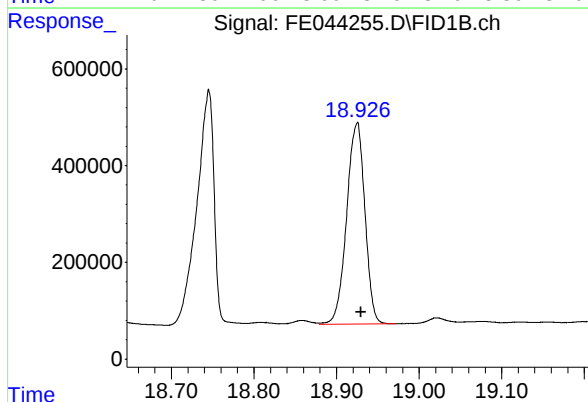
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.003 min
Response: 6486841
Conc: 44.65 ug/ml

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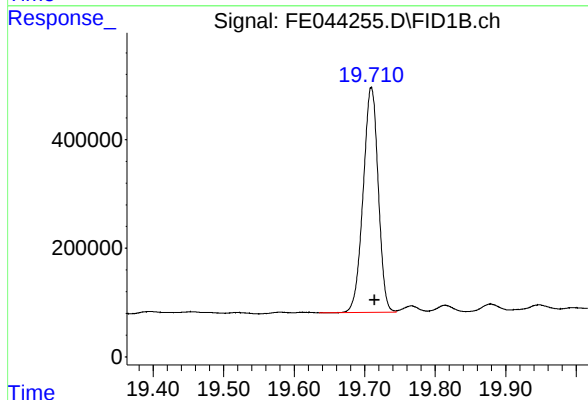
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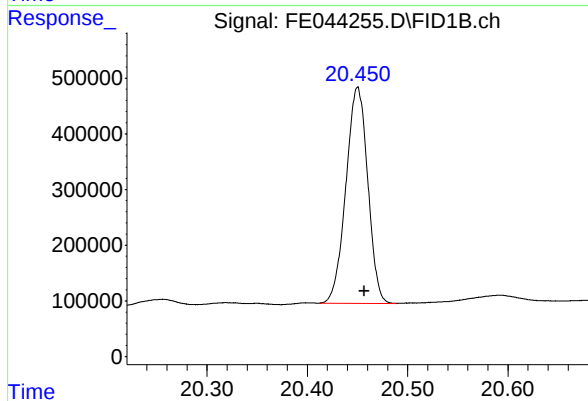
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.004 min
Response: 6386673
Conc: 44.84 ug/ml



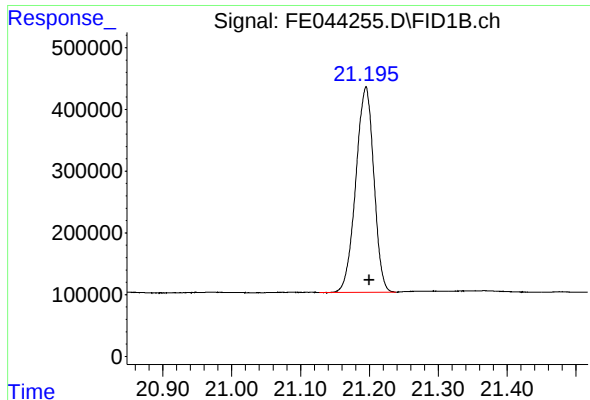
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.005 min
Response: 6161237
Conc: 44.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.006 min
Response: 5870354
Conc: 42.82 ug/ml m



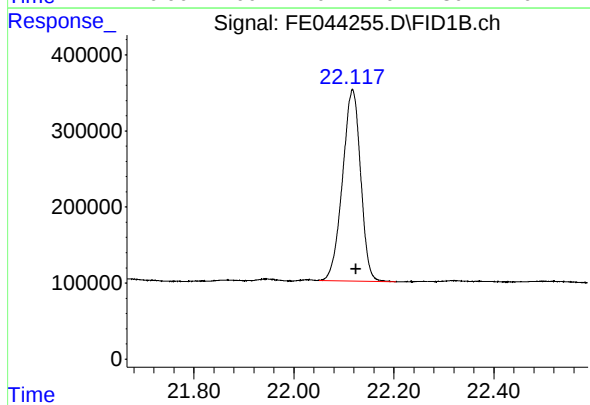
#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: -0.005 min
Response: 6043732
Conc: 43.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.117 min
Delta R.T.: -0.006 min
Response: 6330043
Conc: 45.78 ug/ml