

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061223AL\
 Data File : FE042565.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2023 21:11
 Operator : YP\AJ
 Sample : 03140-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-3-GAMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/13/2023

Supervised By :Ankita Jodhani 06/13/2023

Integration File: autoint1.e

Quant Time: Jun 13 01:50:56 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M

Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 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)	11.945	5651103	32.003 ug/ml
Spiked Amount 50.000		Recovery =	64.01%
12) S 1-chlorooctadecane (S...	13.381	4362164	32.828 ug/ml
Spiked Amount 50.000		Recovery =	65.66%
Target Compounds			
1) T n-Nonane (C9)	3.324	4448909	30.853 ug/ml
2) T n-Decane (C10)	4.576	5032284	33.994 ug/mlm
3) T A~Naphthalene (C11.7)	6.283	5577739	34.186 ug/ml
4) T n-Dodecane (C12)	6.744	5454304	36.373 ug/ml
5) T A~2-methylnaphthalene...	7.381	5479166	34.525 ug/ml
6) T n-Tetradecane (C14)	8.575	5706095	38.090 ug/ml
7) T n-Hexadecane (C16)	10.182	6213859	39.891 ug/ml
8) T n-Octadecane (C18)	11.626	6368283	40.271 ug/ml
10) T n-Eicosane (C20)	12.936	6334233	41.787 ug/ml
11) T n-Heneicosane (C21)	13.547	6035010	40.735 ug/ml
13) T n-Docosane (C22)	14.134	5934707	40.483 ug/ml
14) T n-Tetracosane (C24)	15.230	11081121	76.762 ug/ml
15) T n-Hexacosane (C26)	16.260	5567720	40.201 ug/ml
16) T n-Octacosane (C28)	17.209	5426584	40.532 ug/ml
17) T n-Tricontane (C30)	18.098	5415566	40.118 ug/ml
18) T n-Dotriacontane (C32)	18.930	5322913	39.845 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5424546	41.248 ug/ml
20) T n-Hexatriacontane (C36)	20.454	5342054	41.101 ug/ml
21) T n-Octatriacontane (C38)	21.203	5538639	40.823 ug/ml
22) T n-Tetracontane (C40)	22.133	5810867	41.769 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Thu May 18 06:27:12 2023

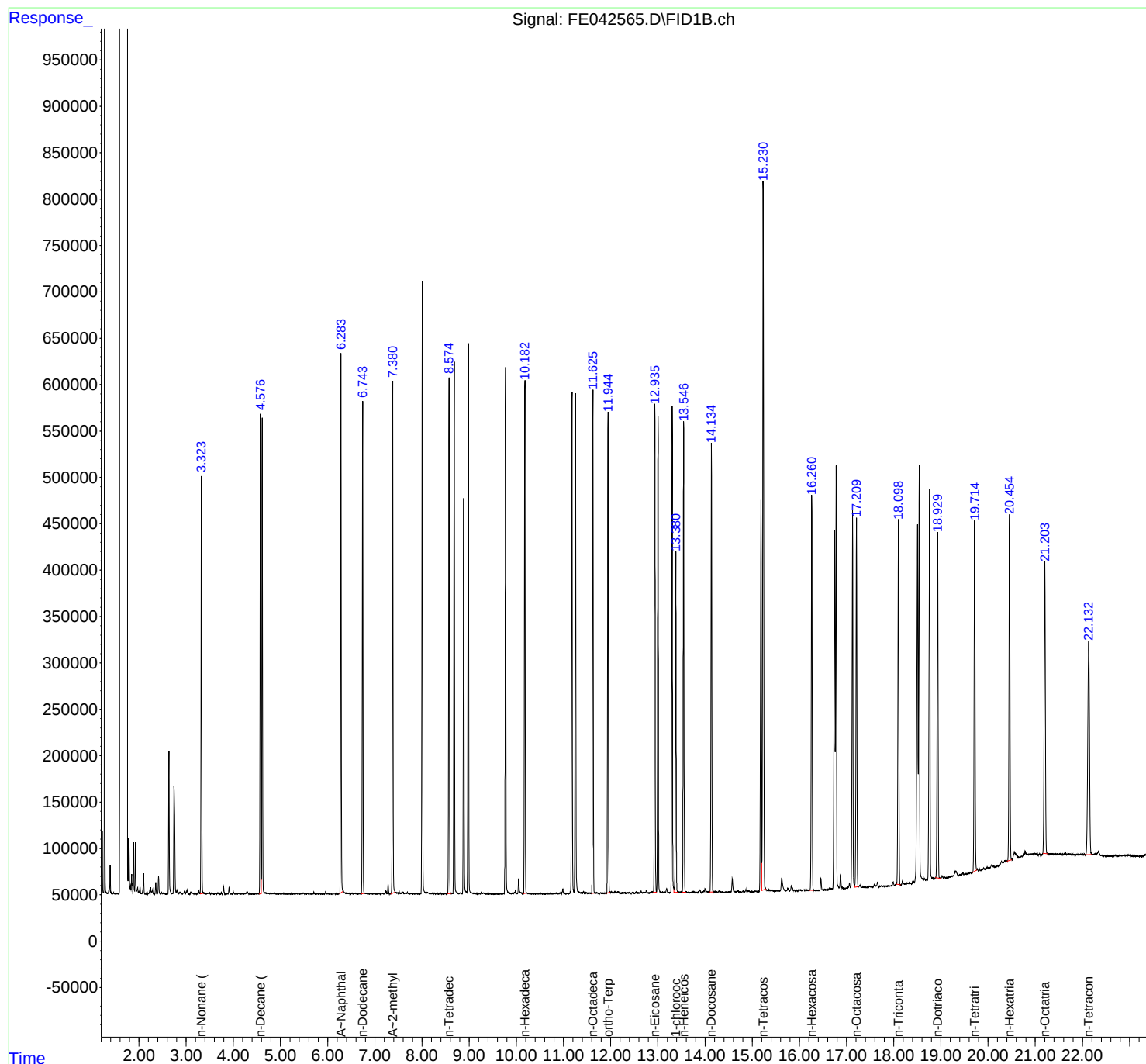
Response via : Initial Calibration

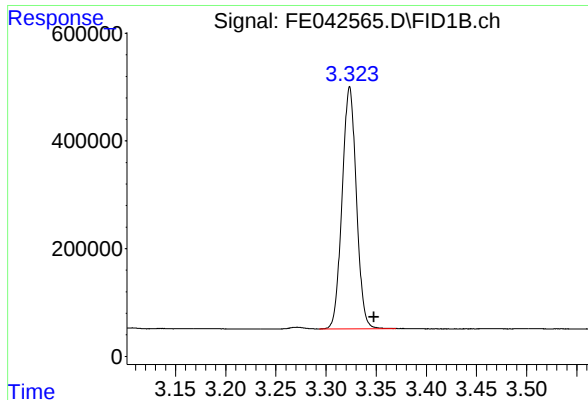
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





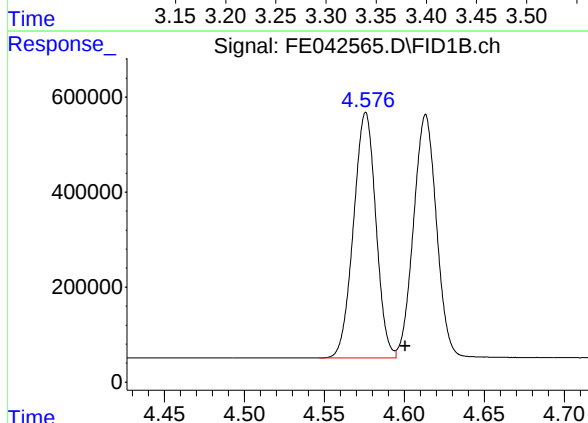
#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.024 min
Response: 4448909
Conc: 30.85 ug/ml

Instrument :
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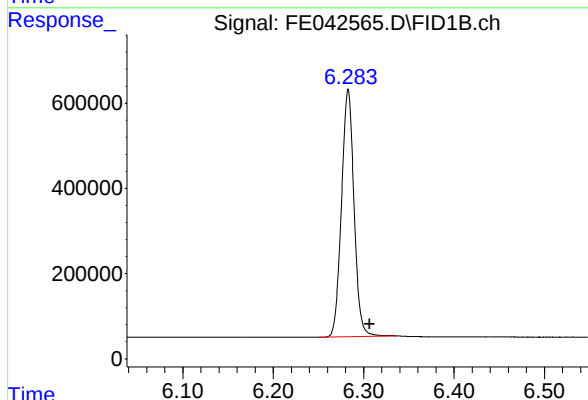
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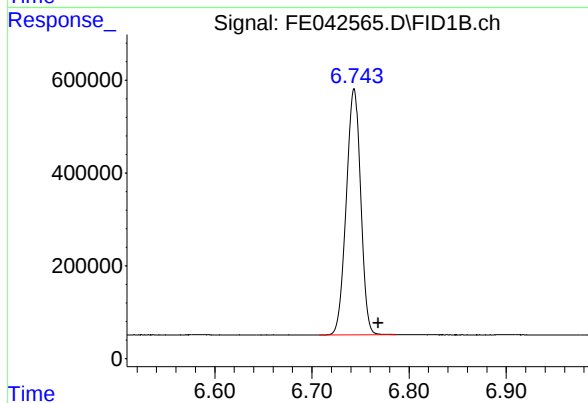
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.025 min
Response: 5032284
Conc: 33.99 ug/ml



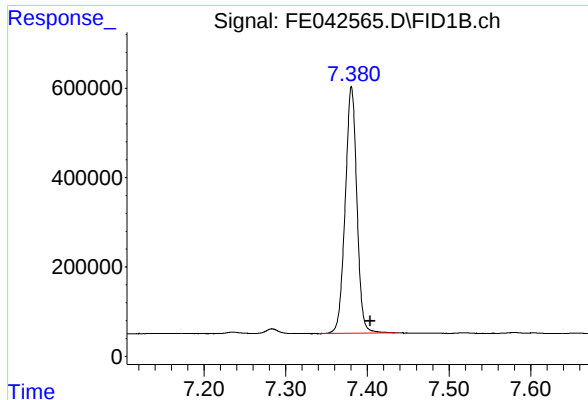
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.024 min
Response: 5577739
Conc: 34.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: -0.025 min
Response: 5454304
Conc: 36.37 ug/ml



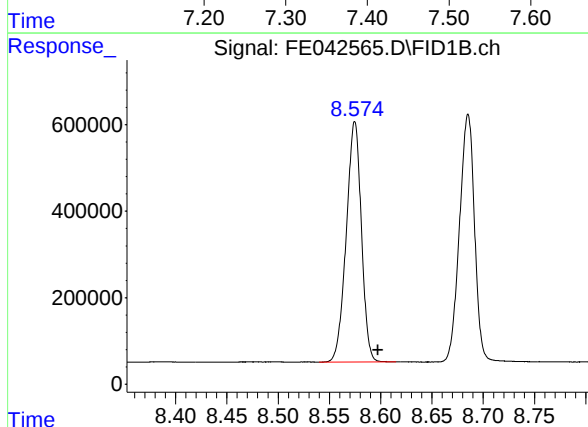
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 5479166
Conc: 34.52 ug/ml

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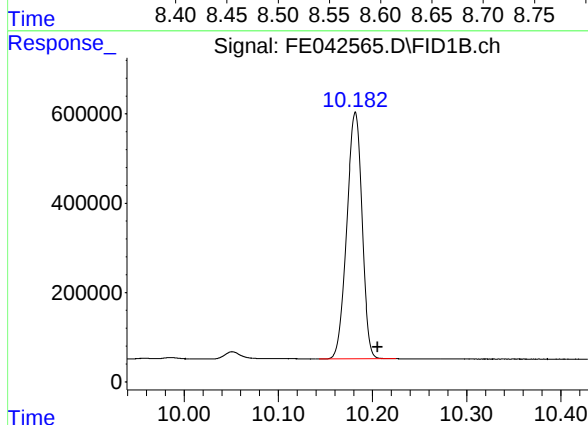
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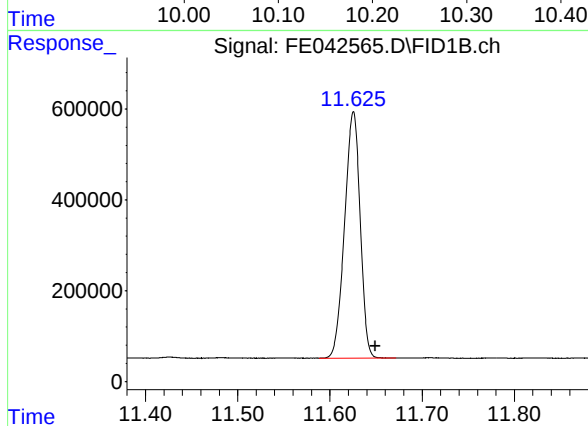
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.023 min
Response: 5706095
Conc: 38.09 ug/ml



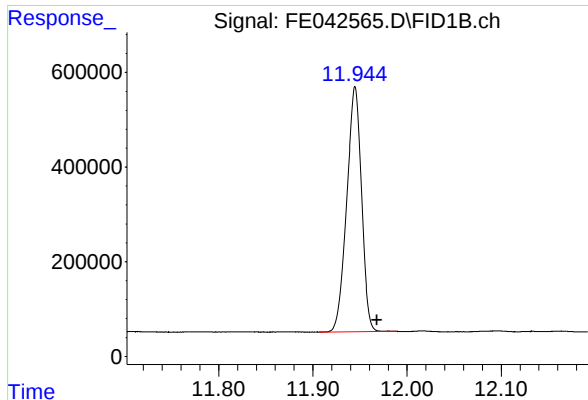
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.023 min
Response: 6213859
Conc: 39.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: -0.024 min
Response: 6368283
Conc: 40.27 ug/ml



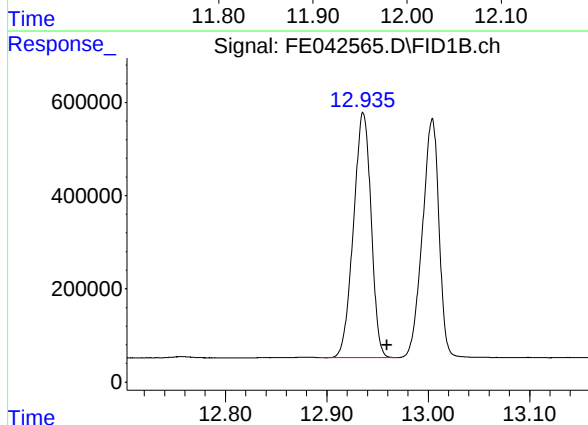
#9 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: -0.023 min
Response: 5651103
Conc: 32.00 ug/ml

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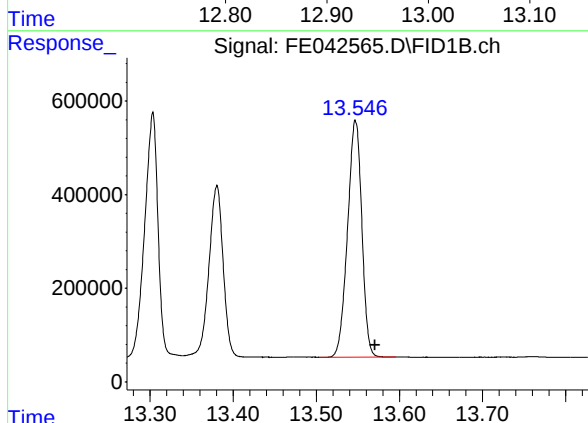
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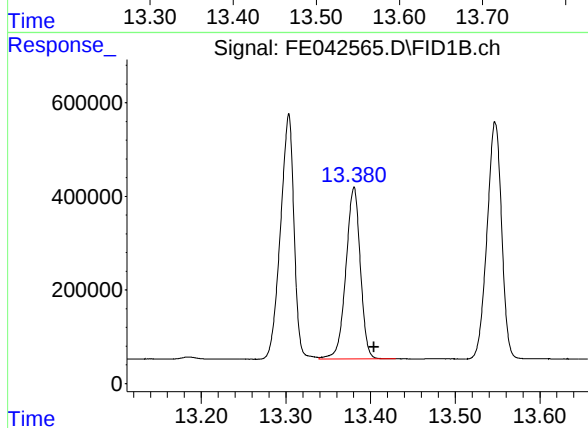
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.023 min
Response: 6334233
Conc: 41.79 ug/ml



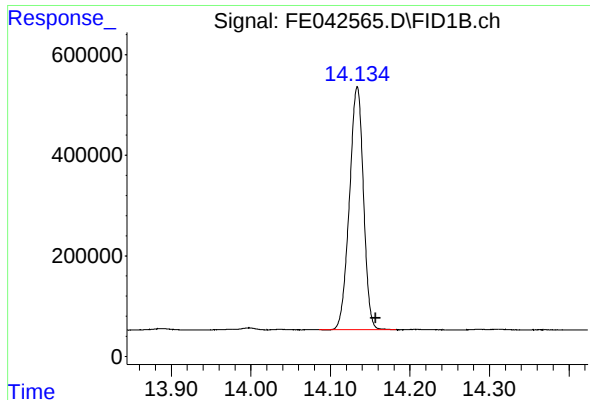
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.024 min
Response: 6035010
Conc: 40.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.024 min
Response: 4362164
Conc: 32.83 ug/ml



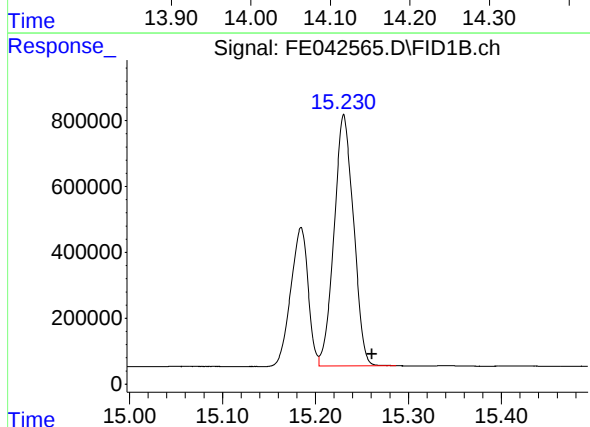
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.023 min
Response: 5934707
Conc: 40.48 ug/ml

Instrument :
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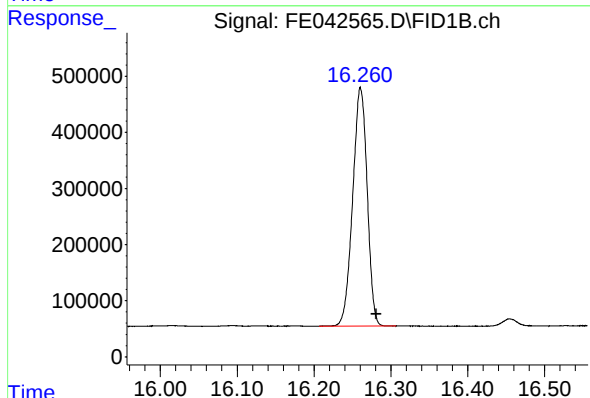
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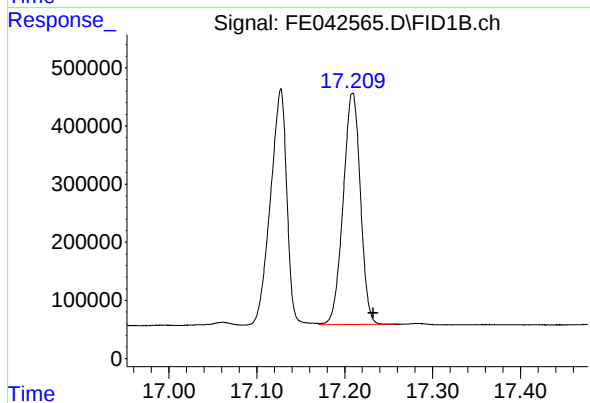
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.030 min
Response: 11081121
Conc: 76.76 ug/ml



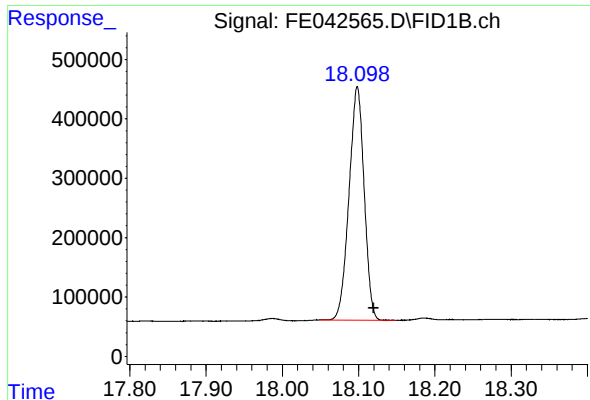
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.021 min
Response: 5567720
Conc: 40.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.023 min
Response: 5426584
Conc: 40.53 ug/ml



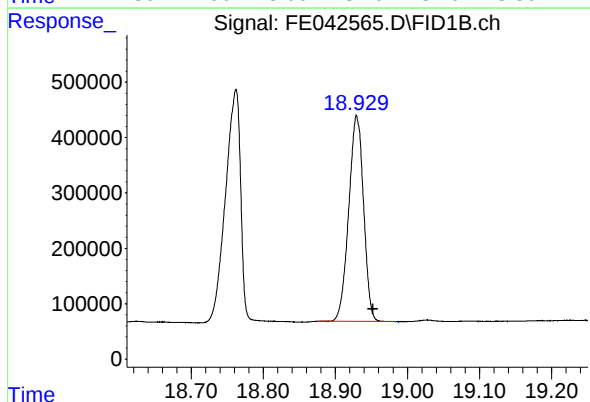
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.021 min
Response: 5415566
Conc: 40.12 ug/ml

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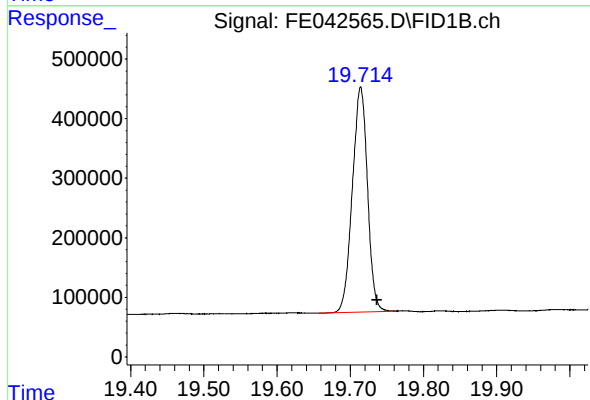
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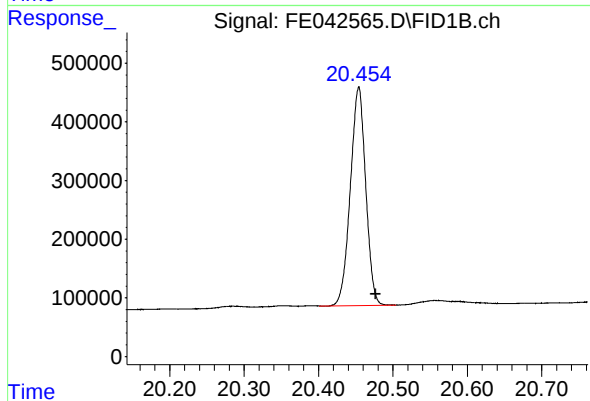
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.022 min
Response: 5322913
Conc: 39.84 ug/ml



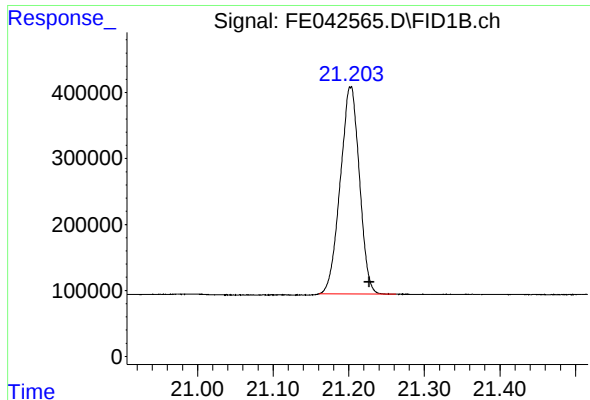
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.022 min
Response: 5424546
Conc: 41.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.023 min
Response: 5342054
Conc: 41.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.025 min
Response: 5538639
Conc: 40.82 ug/ml

Instrument :

FID_E

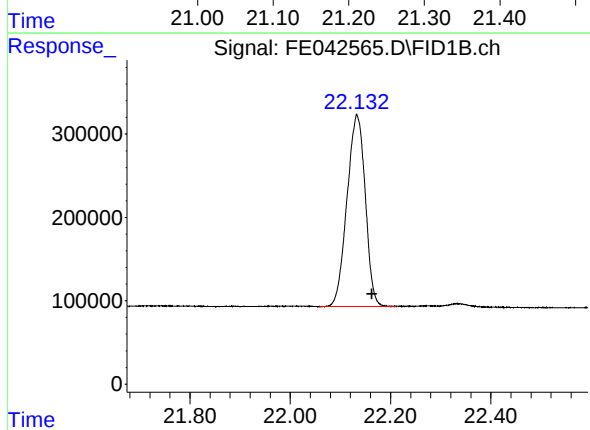
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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.030 min
Response: 5810867
Conc: 41.77 ug/ml