

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045229.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 15:21
 Operator : YP\AJ
 Sample : PB156993BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156993BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e

Quant Time: Nov 08 23:09:49 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)	11.887	6034197	31.605 ug/ml
Spiked Amount 50.000		Recovery =	63.21%
12) S 1-chlorooctadecane (S...	13.328	4531518	32.899 ug/ml
Spiked Amount 50.000		Recovery =	65.80%
Target Compounds			
1) T n-Nonane (C9)	3.280	5849289	35.407 ug/ml
2) T n-Decane (C10)	4.527	6429140	38.342 ug/ml
3) T A~Naphthalene (C11.7)	6.224	7020254	39.329 ug/ml
4) T n-Dodecane (C12)	6.689	6810768	40.328 ug/ml
5) T A~2-methylnaphthalene...	7.319	6787202	39.525 ug/ml
6) T n-Tetradecane (C14)	8.517	6804933	40.830 ug/ml
7) T n-Hexadecane (C16)	10.127	6753052	40.148 ug/ml
8) T n-Octadecane (C18)	11.573	6708987	40.085 ug/ml
10) T n-Eicosane (C20)	12.886	6598211	41.653 ug/ml
11) T n-Heneicosane (C21)	13.498	6261492	40.723 ug/ml
13) T n-Docosane (C22)	14.085	6180734	40.793 ug/ml
14) T n-Tetracosane (C24)	15.191	12320306	83.183 ug/mlm
15) T n-Hexacosane (C26)	16.215	5985002	41.062 ug/ml
16) T n-Octacosane (C28)	17.166	6163781	42.180 ug/ml
17) T n-Tricontane (C30)	18.057	6185349	40.720 ug/ml
18) T n-Dotriacontane (C32)	18.891	6363949	40.737 ug/ml
19) T n-Tetratriacontane (C34)	19.677	6362145	40.747 ug/ml
20) T n-Hexatriacontane (C36)	20.420	6251390	38.513 ug/ml
21) T n-Octatriacontane (C38)	21.159	6230832	37.503 ug/ml
22) T n-Tetracontane (C40)	22.074	6035396	35.335 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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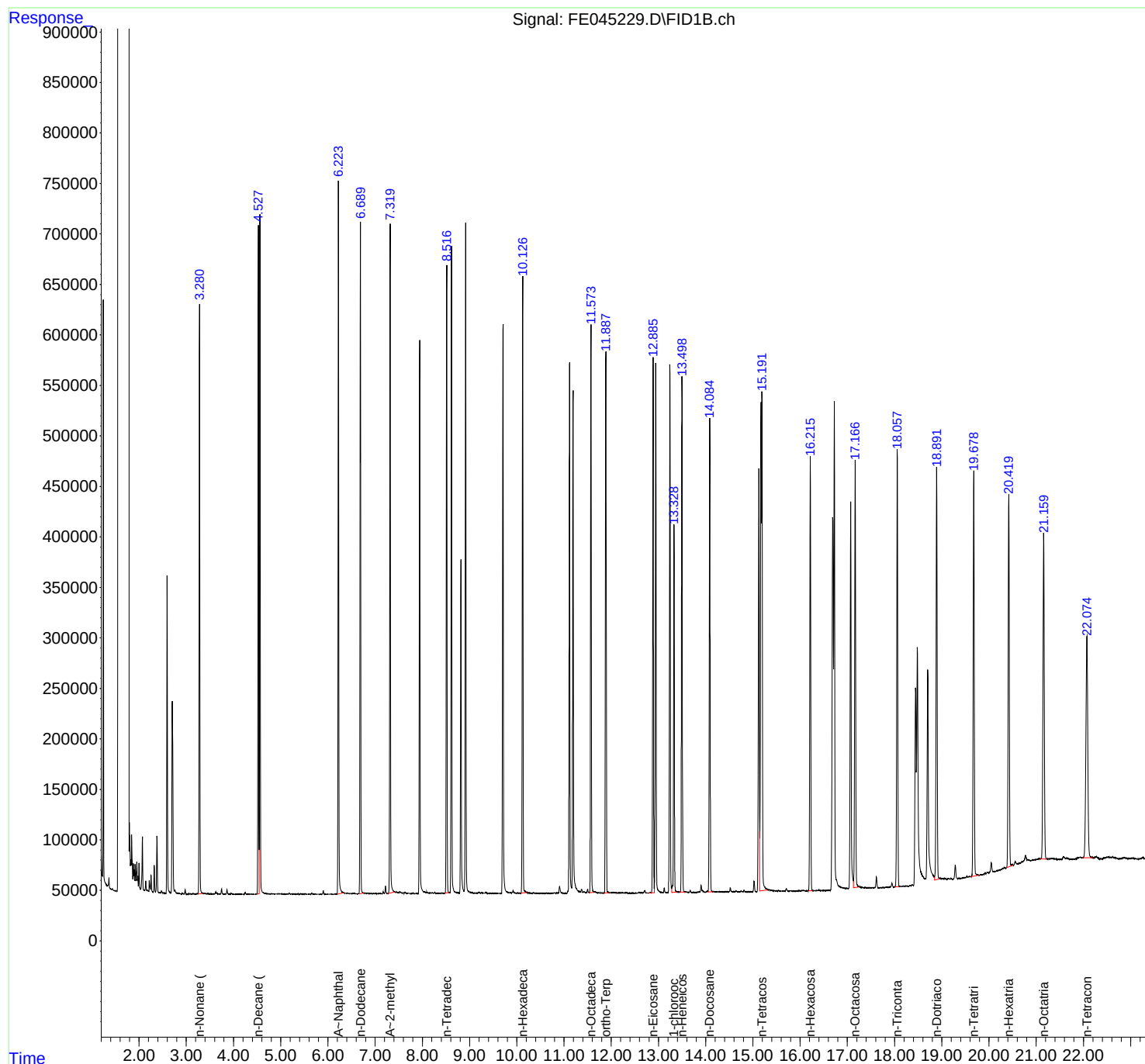
Response via : Initial Calibration

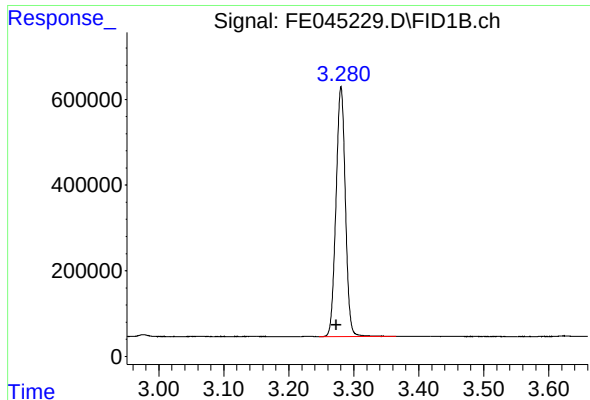
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.007 min
Response: 5849289
Conc: 35.41 ug/ml

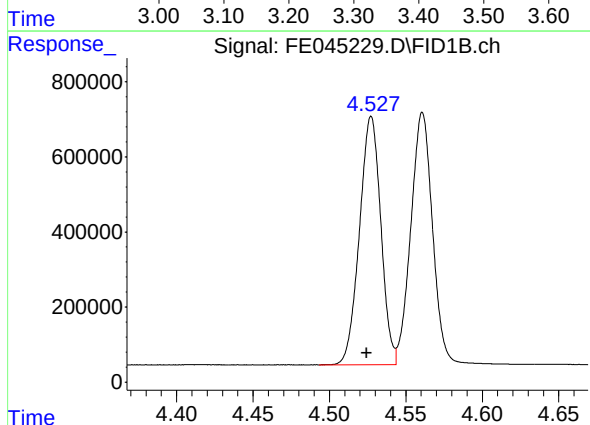
Instrument :

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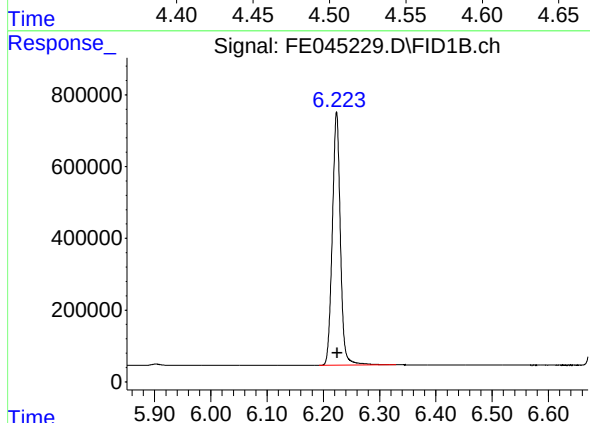
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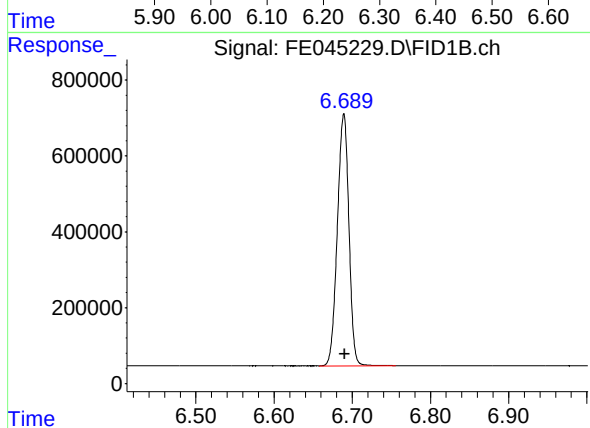
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 6429140
Conc: 38.34 ug/ml



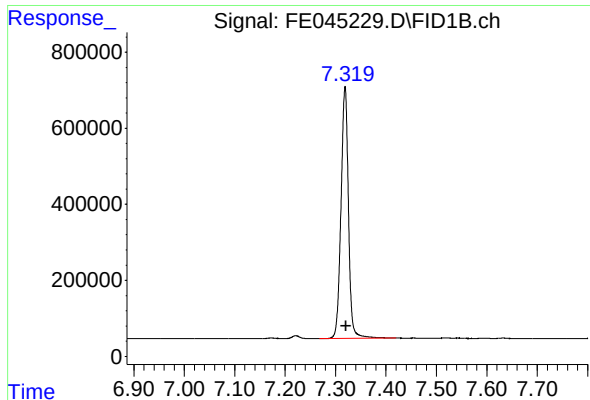
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.001 min
Response: 7020254
Conc: 39.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 6810768
Conc: 40.33 ug/ml



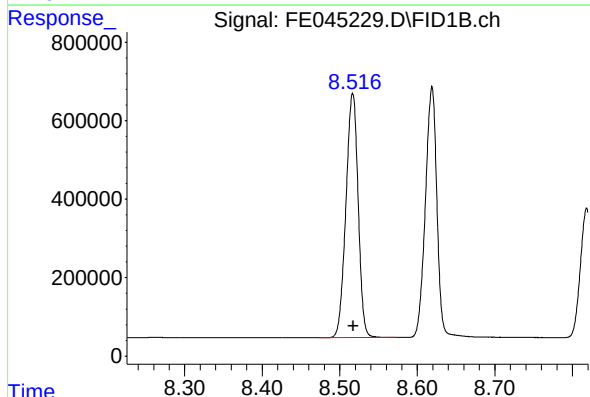
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.002 min
Response: 6787202
Conc: 39.53 ug/ml

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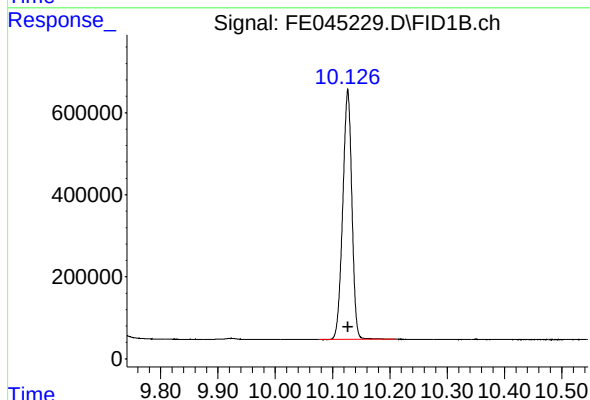
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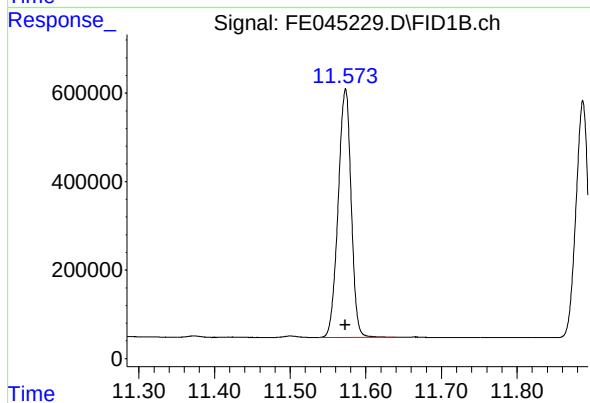
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 6804933
Conc: 40.83 ug/ml



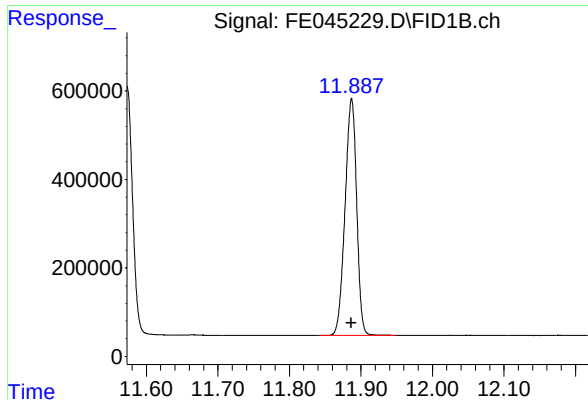
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 6753052
Conc: 40.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 6708987
Conc: 40.08 ug/ml



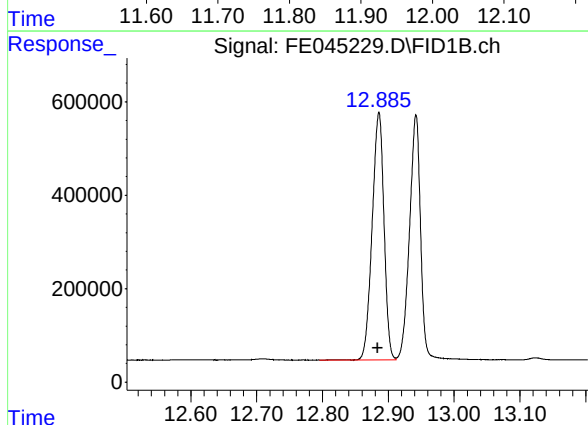
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: 0.000 min
Response: 6034197
Conc: 31.60 ug/ml

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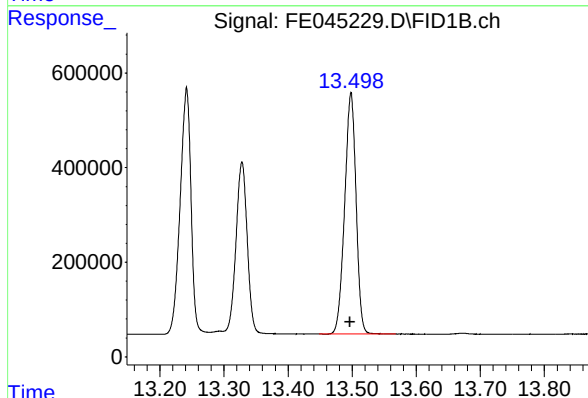
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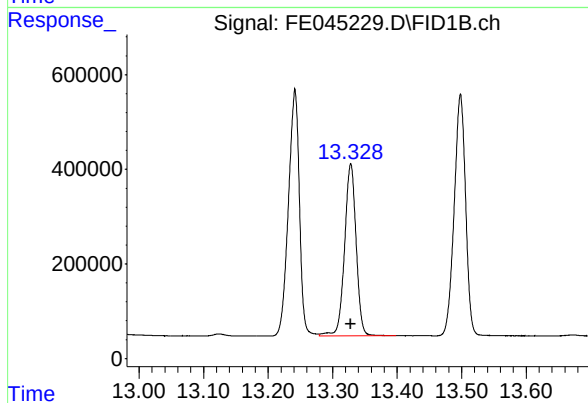
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: 0.002 min
Response: 6598211
Conc: 41.65 ug/ml



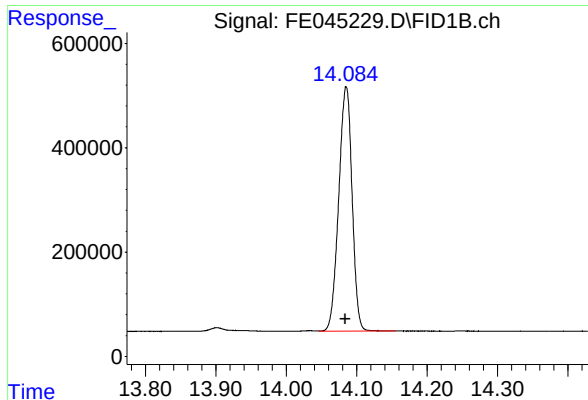
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: 0.001 min
Response: 6261492
Conc: 40.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 4531518
Conc: 32.90 ug/ml



#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: 0.001 min
Response: 6180734
Conc: 40.79 ug/ml

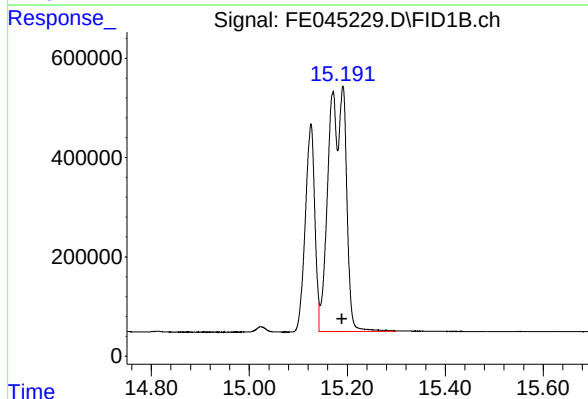
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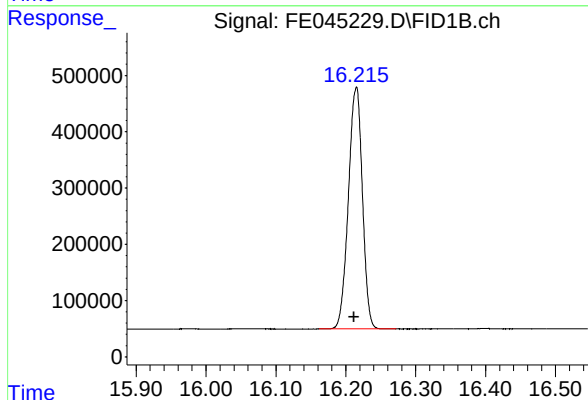
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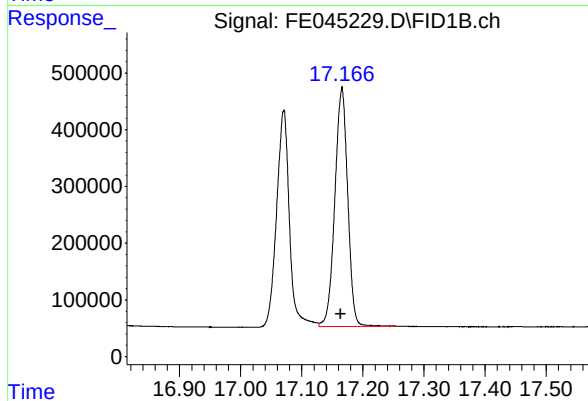
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.001 min
Response: 12320306
Conc: 83.18 ug/ml m



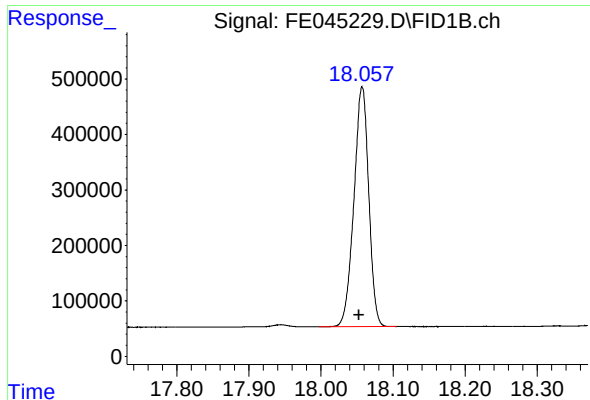
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 5985002
Conc: 41.06 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: 0.002 min
Response: 6163781
Conc: 42.18 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.005 min
Response: 6185349
Conc: 40.72 ug/ml

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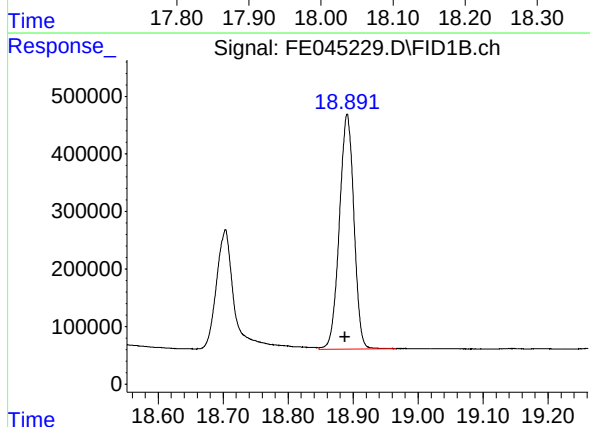
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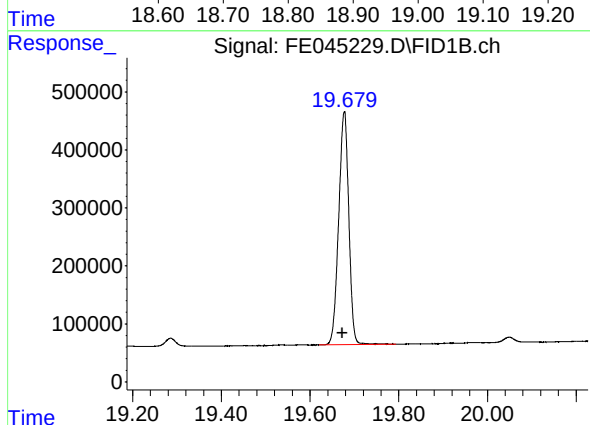
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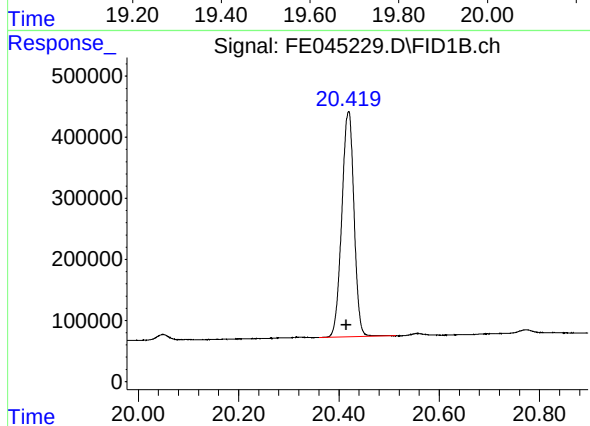
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: 0.003 min
Response: 6363949
Conc: 40.74 ug/ml



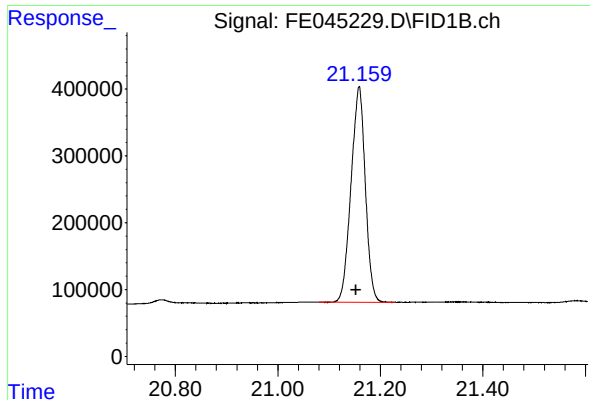
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.004 min
Response: 6362145
Conc: 40.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: 0.005 min
Response: 6251390
Conc: 38.51 ug/ml



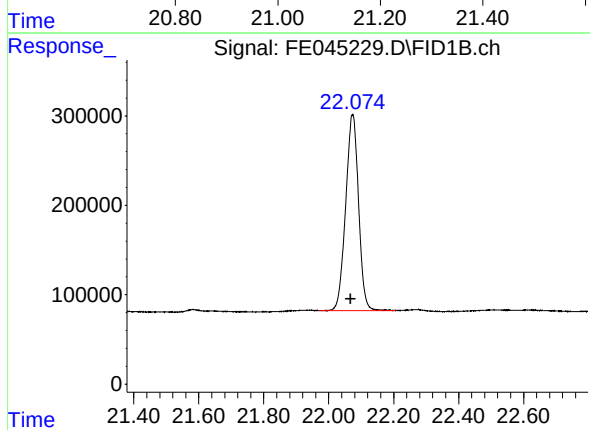
#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: 0.006 min
Response: 6230832
Conc: 37.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.006 min
Response: 6035396
Conc: 35.33 ug/ml