

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060624AL\
 Data File : FE048594.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2024 16:16
 Operator : YP\AJ
 Sample : P2740-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WCS-TPBMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/07/2024

Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e

Quant Time: Jun 07 01:26:36 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 2024

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)	11.948	5644128	39.306 ug/ml
Spiked Amount 50.000		Recovery =	78.61%
12) S 1-chlorooctadecane (S...	13.381	4804014	44.097 ug/ml
Spiked Amount 50.000		Recovery =	88.19%
Target Compounds			
1) T n-Nonane (C9)	3.335	4910960	32.848 ug/ml
2) T n-Decane (C10)	4.585	5735325	37.982 ug/ml
3) T A~Naphthalene (C11.7)	6.289	6434036	43.211 ug/ml
4) T n-Dodecane (C12)	6.749	6158153	41.602 ug/ml
5) T A~2-methylnaphthalene...	7.385	6778171	48.886 ug/ml
6) T n-Tetradecane (C14)	8.579	6860239	48.368 ug/ml
7) T n-Hexadecane (C16)	10.185	7202063	51.086 ug/ml
8) T n-Octadecane (C18)	11.628	7280784	52.423 ug/ml
10) T n-Eicosane (C20)	12.938	7317471	55.295 ug/ml
11) T n-Heneicosane (C21)	13.550	7064387	54.539 ug/ml
13) T n-Docosane (C22)	14.135	7048627	54.699 ug/ml
14) T n-Tetracosane (C24)	15.230	13032955	100.602 ug/ml
15) T n-Hexacosane (C26)	16.259	7051178	54.405 ug/ml
16) T n-Octacosane (C28)	17.206	7380949	57.105 ug/ml
17) T n-Tricontane (C30)	18.094	7305815	54.536 ug/ml
18) T n-Dotriacontane (C32)	18.926	7662370	56.448 ug/ml
19) T n-Tetratriacontane (C34)	19.708	7583705	55.436 ug/ml
20) T n-Hexatriacontane (C36)	20.448	7617030	56.034 ug/ml
21) T n-Octatriacontane (C38)	21.187	7823171	57.366 ug/ml
22) T n-Tetracontane (C40)	22.107	7484051	54.659 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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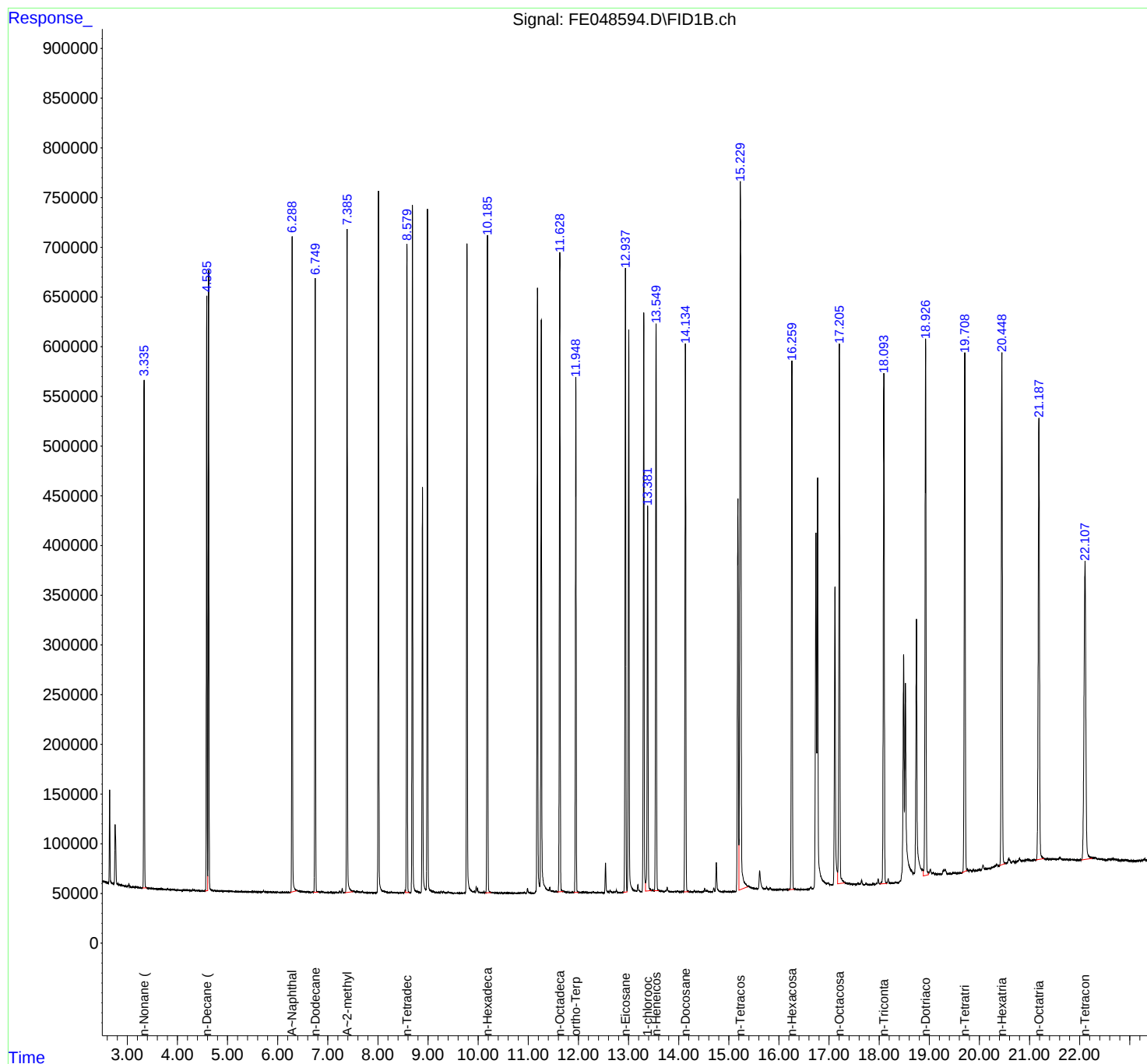
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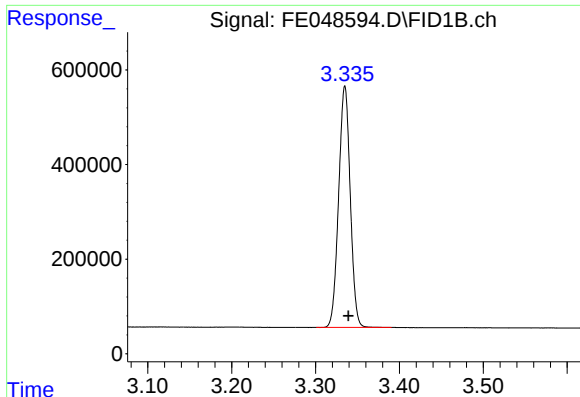
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.004 min
Response: 4910960
Conc: 32.85 ug/ml

Instrument :

FID_E

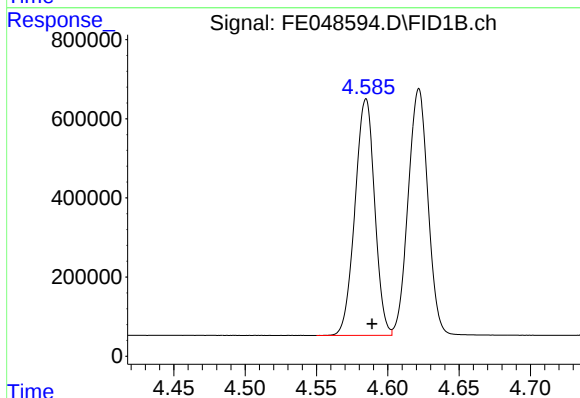
ClientSampleId :

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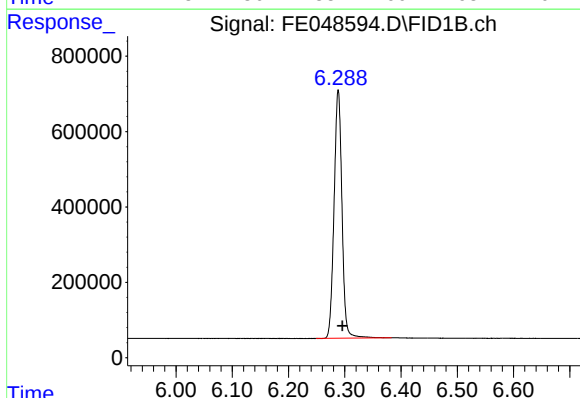
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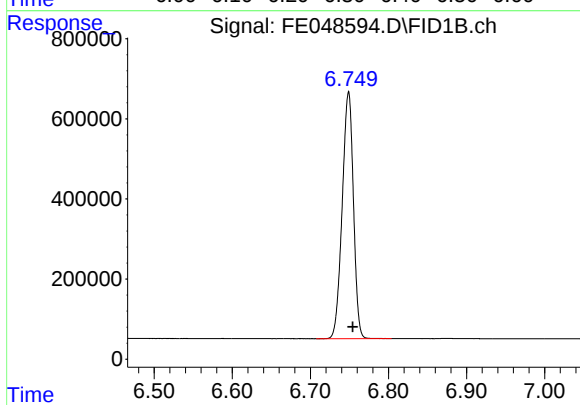
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.004 min
Response: 5735325
Conc: 37.98 ug/ml



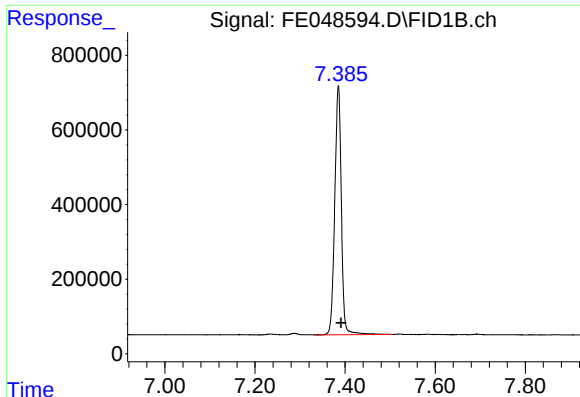
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.007 min
Response: 6434036
Conc: 43.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 6158153
Conc: 41.60 ug/ml



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

R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 6778171
Conc: 48.89 ug/ml

Instrument :

FID_E

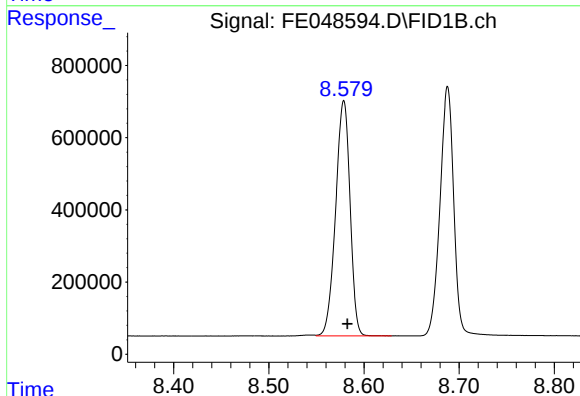
ClientSampleId :

WCS-TPBMS

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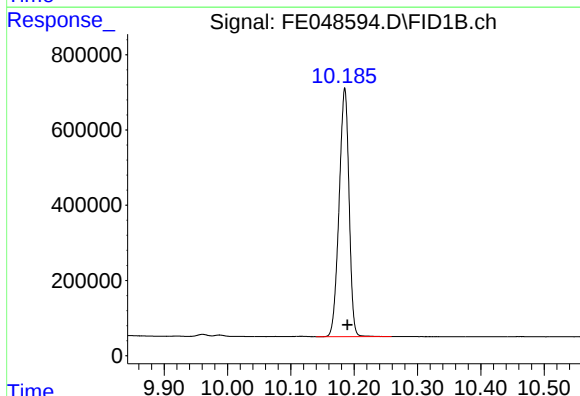
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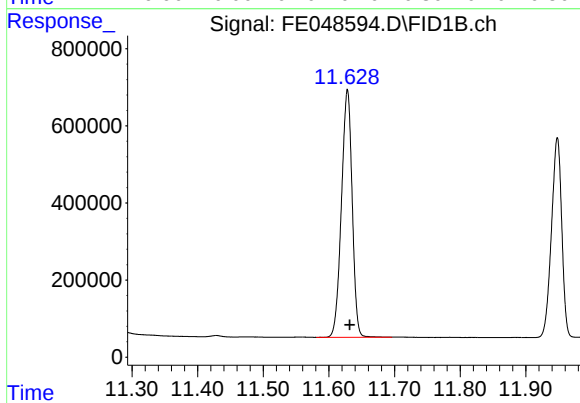
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.004 min
Response: 6860239
Conc: 48.37 ug/ml



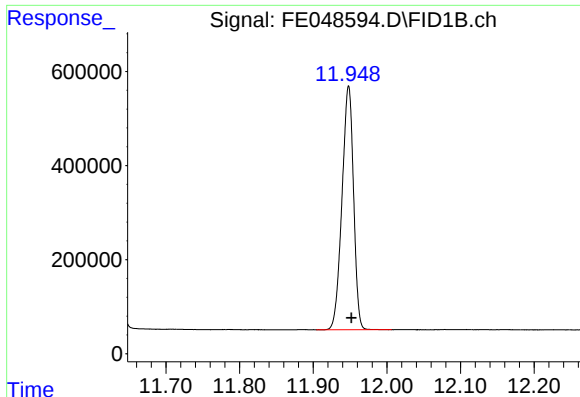
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.004 min
Response: 7202063
Conc: 51.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 7280784
Conc: 52.42 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.004 min
Response: 5644128
Conc: 39.31 ug/ml

Instrument :

FID_E

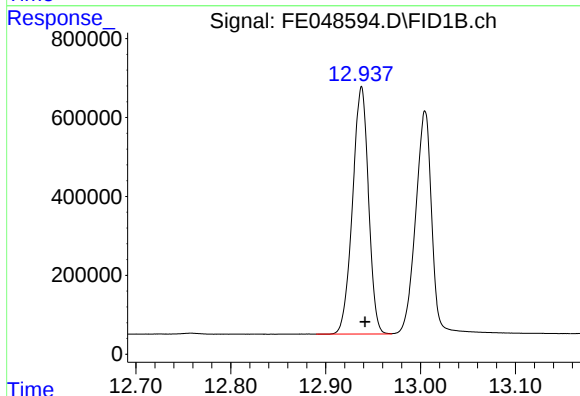
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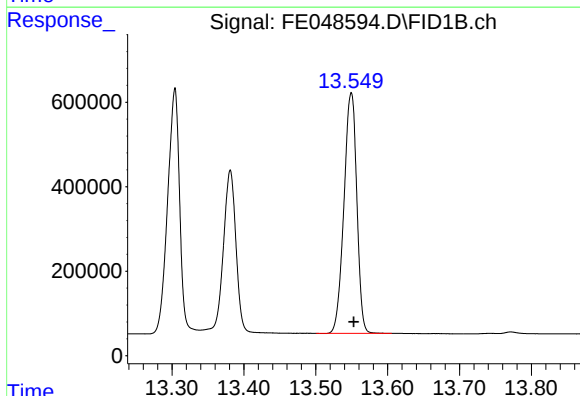
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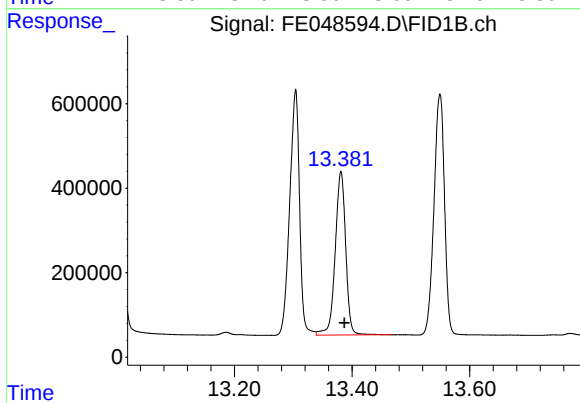
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.004 min
Response: 7317471
Conc: 55.30 ug/ml



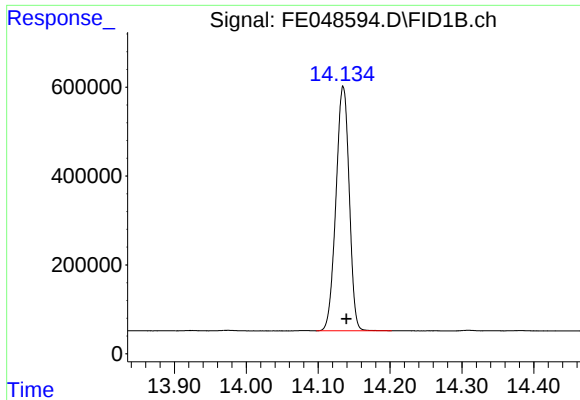
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.003 min
Response: 7064387
Conc: 54.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.006 min
Response: 4804014
Conc: 44.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.135 min
Delta R.T.: -0.005 min
Response: 7048627
Conc: 54.70 ug/ml

Instrument :

FID_E

ClientSampleId :

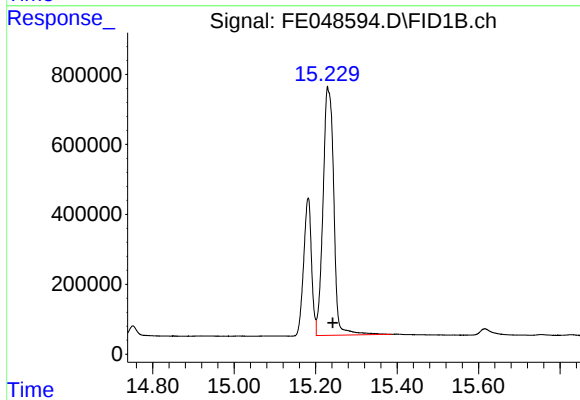
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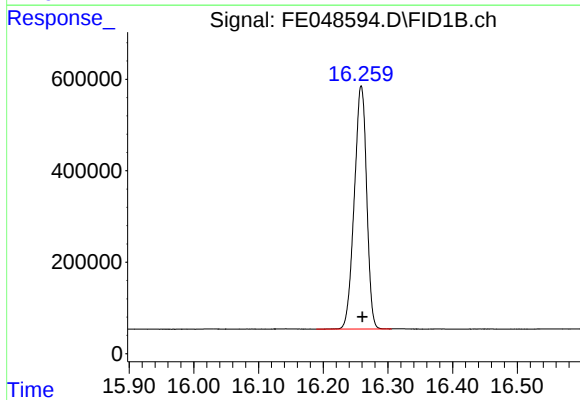
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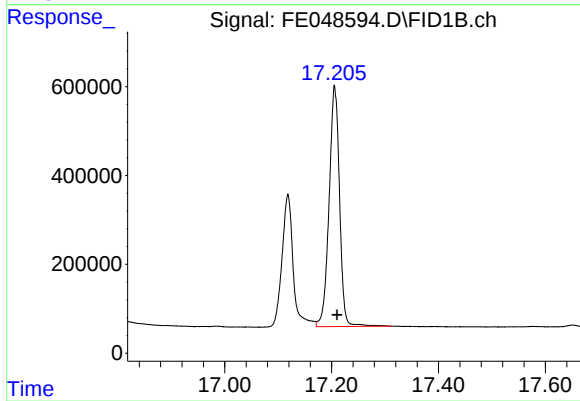
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.012 min
Response: 13032955
Conc: 100.60 ug/ml



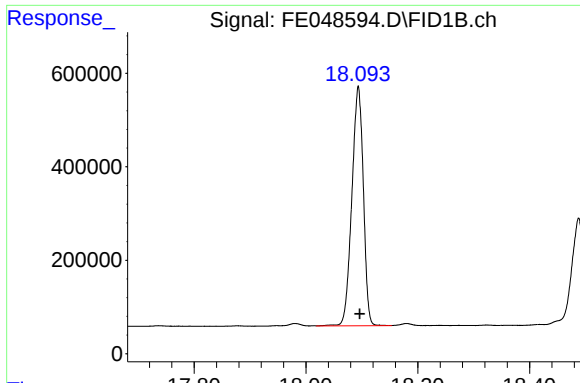
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.002 min
Response: 7051178
Conc: 54.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.005 min
Response: 7380949
Conc: 57.10 ug/ml



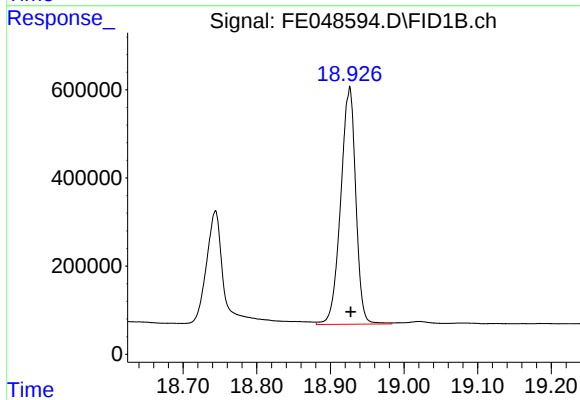
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 7305815
Conc: 54.54 ug/ml

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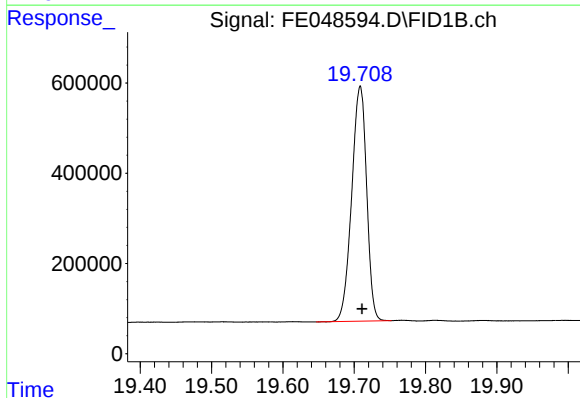
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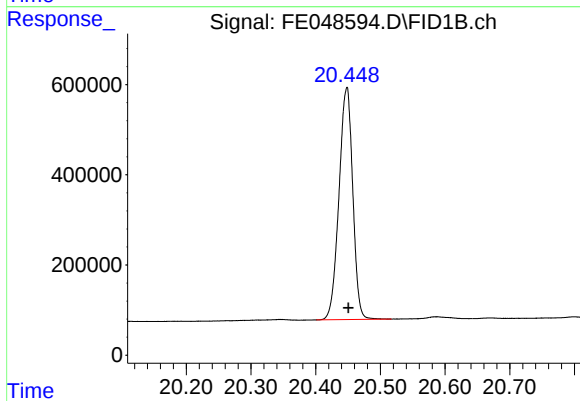
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.001 min
Response: 7662370
Conc: 56.45 ug/ml



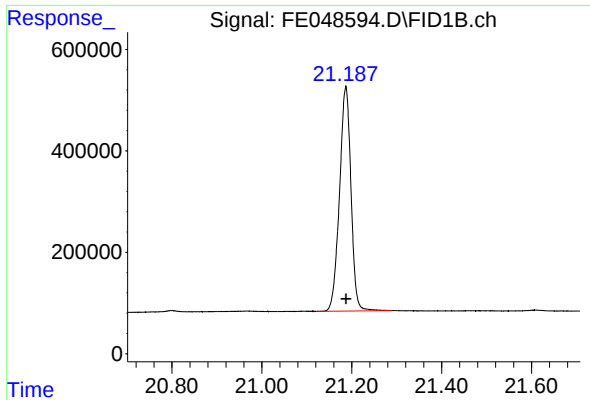
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 7583705
Conc: 55.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.002 min
Response: 7617030
Conc: 56.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 7823171
Conc: 57.37 ug/ml

Instrument :

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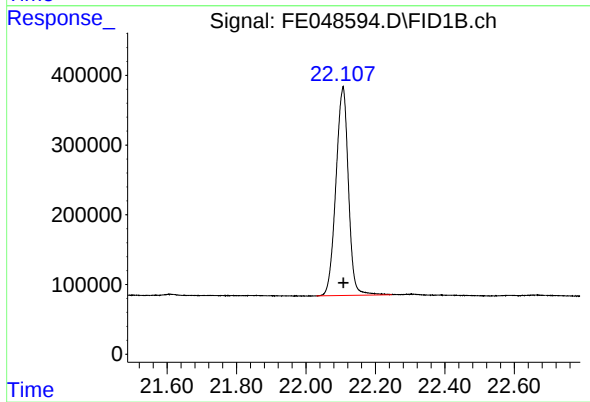
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#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.000 min
Response: 7484051
Conc: 54.66 ug/ml m