

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011224AL\
 Data File : FE046188.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jan 2024 14:09
 Operator : YP\AJ
 Sample : PB158401BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158401BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/15/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: autoint1.e
 Quant Time: Jan 13 04:35:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.833	8190788	45.072 ug/ml
Spiked Amount 50.000		Recovery =	90.14%
12) S 1-chlorooctadecane (S...	13.275	6515334	48.764 ug/ml
Spiked Amount 50.000		Recovery =	97.53%
Target Compounds			
1) T n-Nonane (C9)	3.232	6689095	43.707 ug/ml
2) T n-Decane (C10)	4.475	7007859	45.155 ug/ml
3) T A~Naphthalene (C11.7)	6.172	8240689	49.551 ug/ml
4) T n-Dodecane (C12)	6.636	7469212	47.838 ug/ml
5) T A~2-methylnaphthalene...	7.268	8041484	50.508 ug/ml
6) T n-Tetradecane (C14)	8.464	7554136	48.495 ug/ml
7) T n-Hexadecane (C16)	10.072	7605015	48.024 ug/ml
8) T n-Octadecane (C18)	11.517	7672791	48.749 ug/ml
10) T n-Eicosane (C20)	12.831	7671091	50.709 ug/ml
11) T n-Heneicosane (C21)	13.443	7330485	49.850 ug/ml
13) T n-Docosane (C22)	14.031	7216537	49.370 ug/ml
14) T n-Tetracosane (C24)	15.134	15772101	108.748 ug/ml
15) T n-Hexacosane (C26)	16.161	6785867	47.332 ug/ml
16) T n-Octacosane (C28)	17.111	8276398	57.708 ug/mlm
17) T n-Tricontane (C30)	18.003	6623376	44.561 ug/ml
18) T n-Dotriacontane (C32)	18.838	7319957	48.943 ug/mlm
19) T n-Tetratriacontane (C34)	19.622	6622246	46.227 ug/ml
20) T n-Hexatriacontane (C36)	20.366	6500947	44.588 ug/ml
21) T n-Octatriacontane (C38)	21.098	7082704	48.032 ug/ml
22) T n-Tetracontane (C40)	21.995	7538385	48.161 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB158401BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

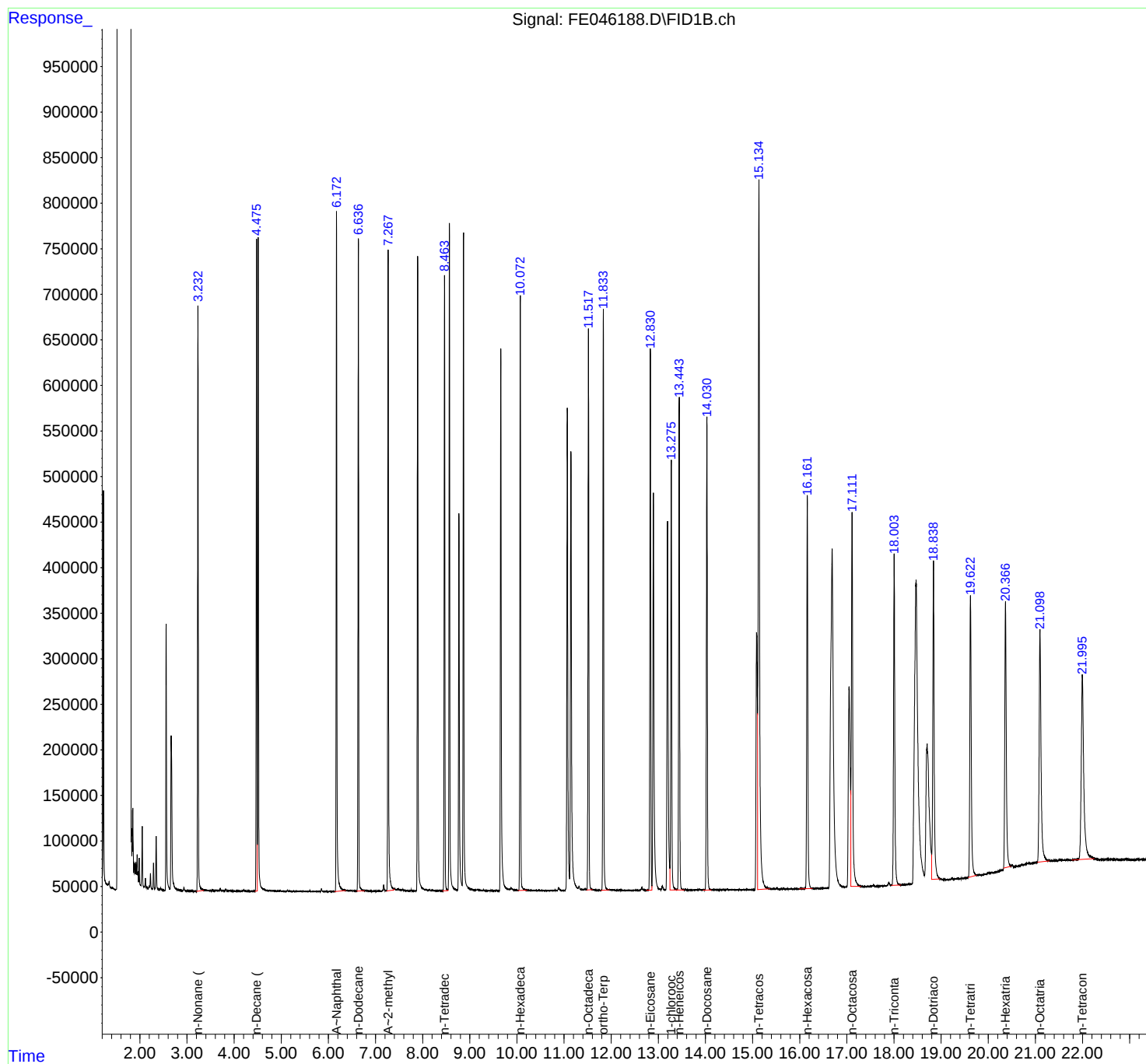
Instrument :
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PB158401BS

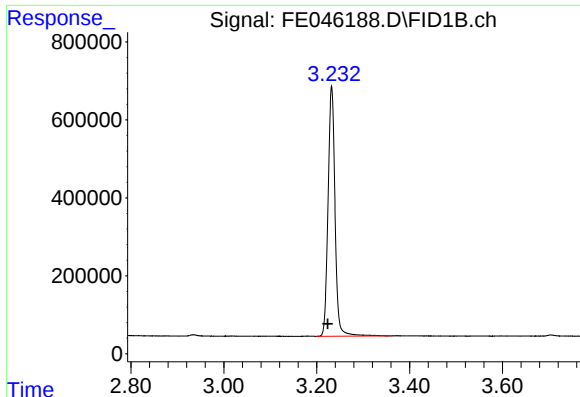
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.232 min
Delta R.T.: 0.008 min
Response: 6689095
Conc: 43.71 ug/ml

Instrument :

FID_E

ClientSampleId :

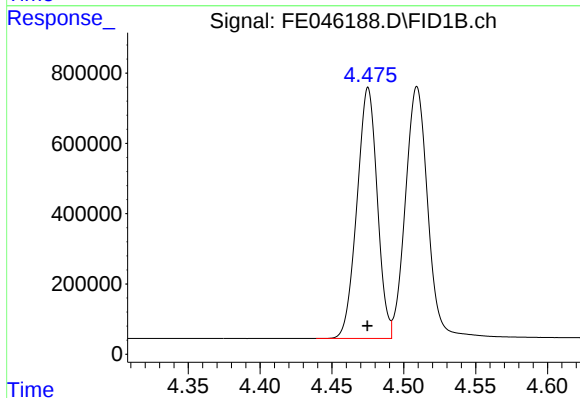
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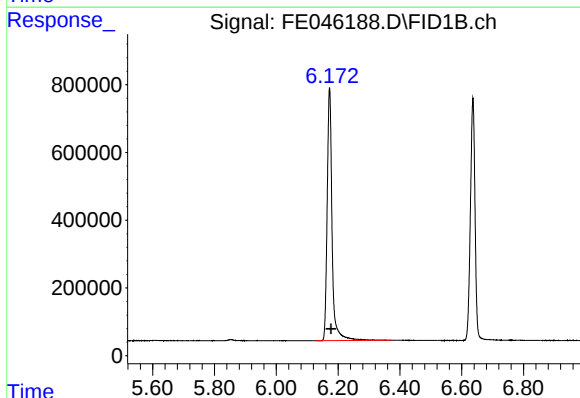
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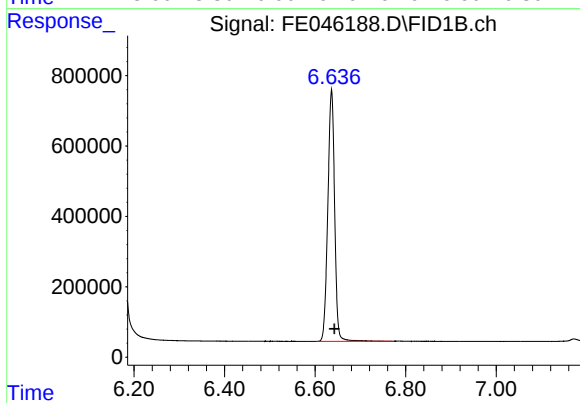
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.000 min
Response: 7007859
Conc: 45.15 ug/ml



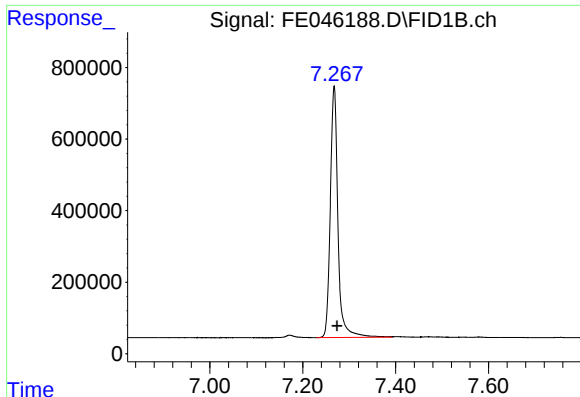
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 8240689
Conc: 49.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.636 min
Delta R.T.: -0.006 min
Response: 7469212
Conc: 47.84 ug/ml



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

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 8041484
Conc: 50.51 ug/ml

Instrument :

FID_E

ClientSampleId :

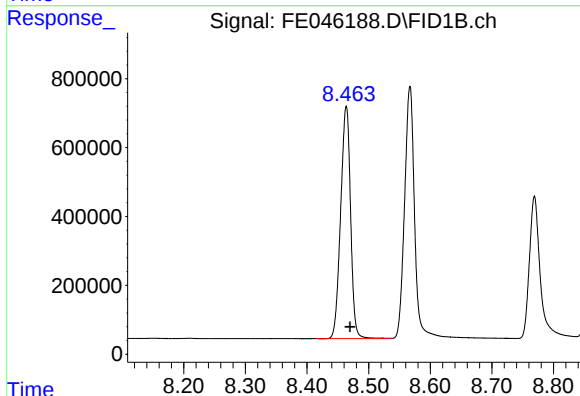
PB158401BS

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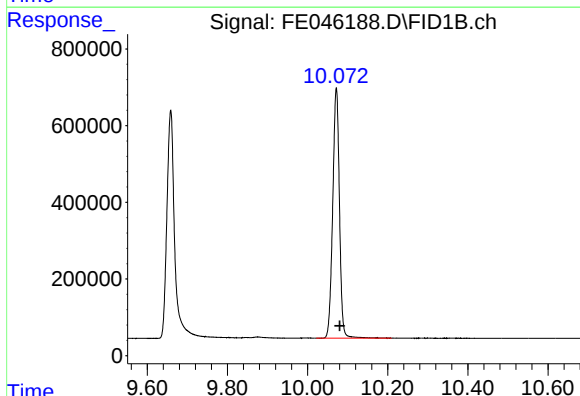
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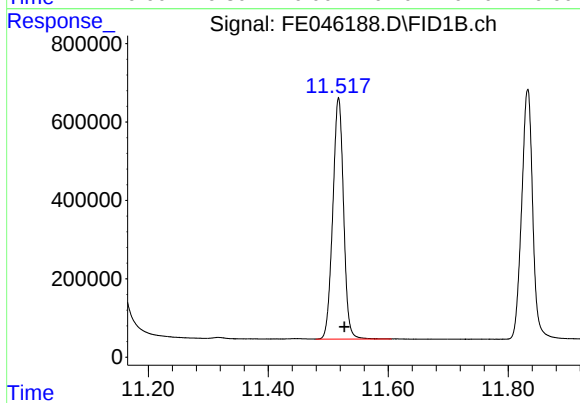
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 7554136
Conc: 48.49 ug/ml



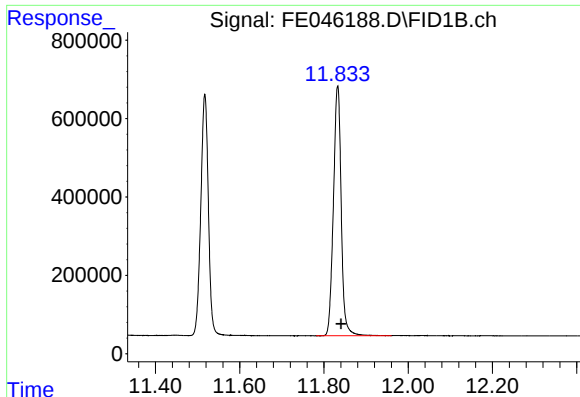
#7 n-Hexadecane (C16)

R.T.: 10.072 min
Delta R.T.: -0.009 min
Response: 7605015
Conc: 48.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.010 min
Response: 7672791
Conc: 48.75 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.008 min
Response: 8190788
Conc: 45.07 ug/ml

Instrument :

FID_E

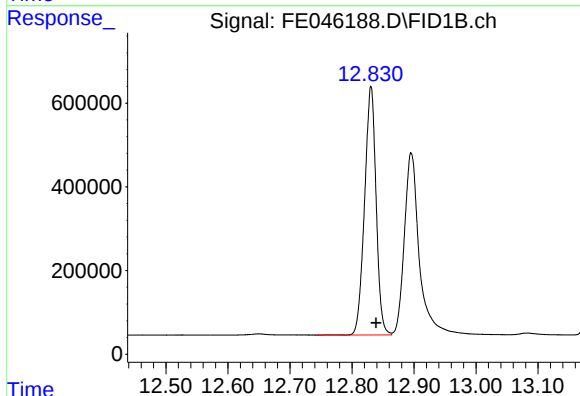
ClientSampleId :

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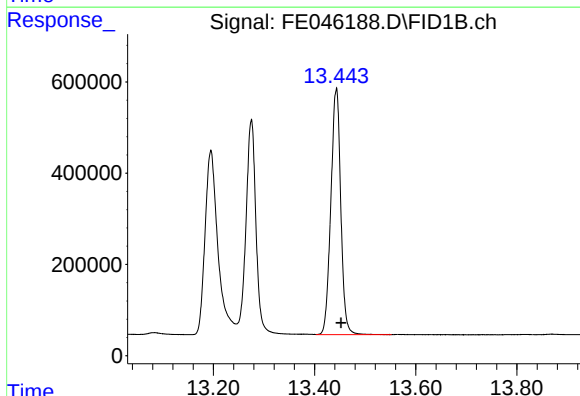
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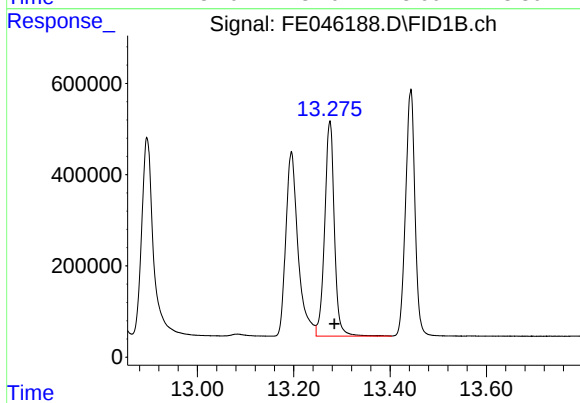
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.008 min
Response: 7671091
Conc: 50.71 ug/ml



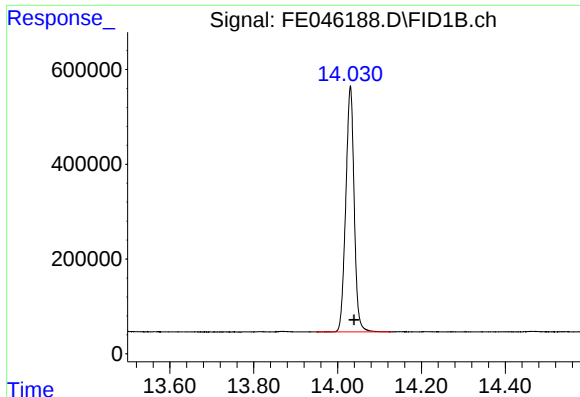
#11 n-Heneicosane (C21)

R.T.: 13.443 min
Delta R.T.: -0.009 min
Response: 7330485
Conc: 49.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.009 min
Response: 6515334
Conc: 48.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.031 min
Delta R.T.: -0.009 min
Response: 7216537
Conc: 49.37 ug/ml

Instrument :

FID_E

ClientSampleId :

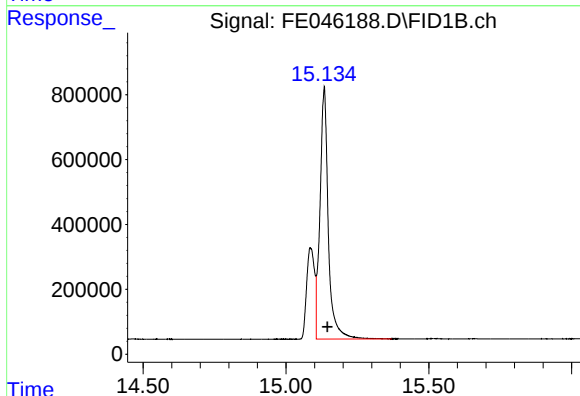
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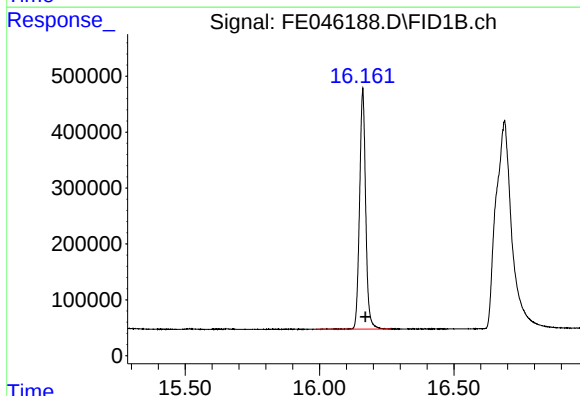
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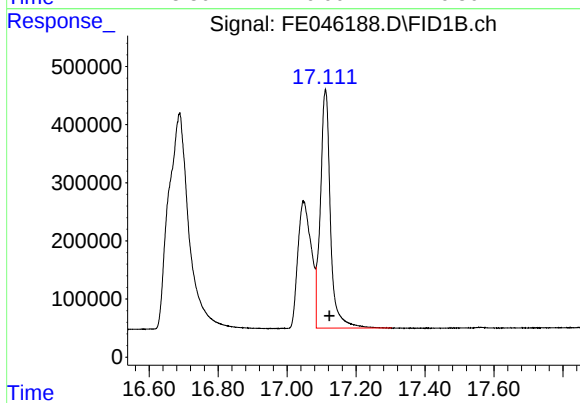
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.011 min
Response: 15772101
Conc: 108.75 ug/ml



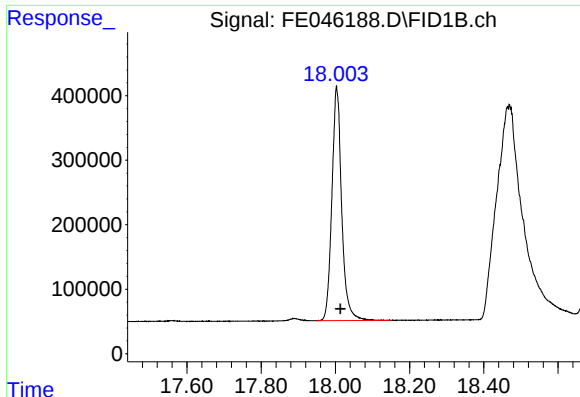
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.009 min
Response: 6785867
Conc: 47.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.012 min
Response: 8276398
Conc: 57.71 ug/ml m



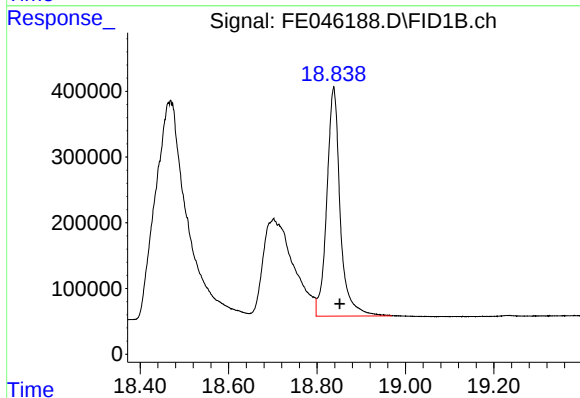
#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.011 min
Response: 6623376
Conc: 44.56 ug/ml

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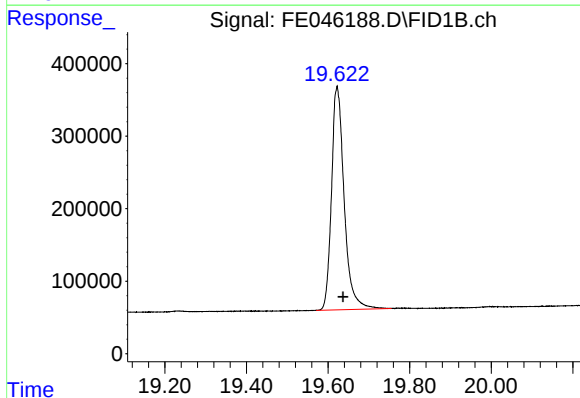
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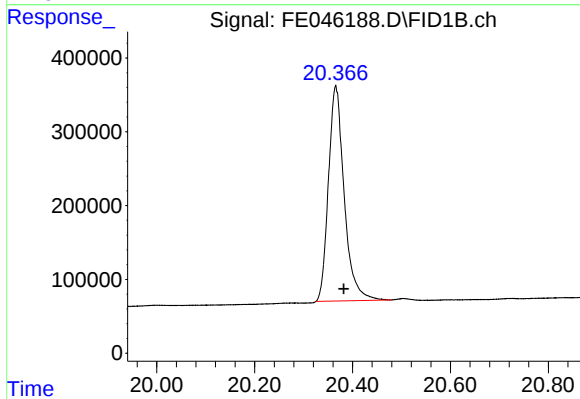
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.013 min
Response: 7319957
Conc: 48.94 ug/ml m



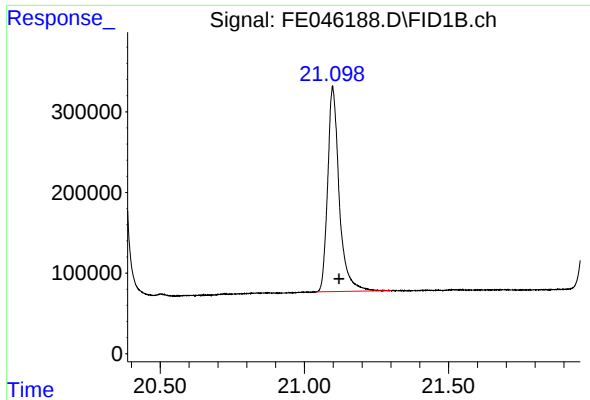
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 6622246
Conc: 46.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 6500947
Conc: 44.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.022 min
Response: 7082704
Conc: 48.03 ug/ml

Instrument :

FID_E

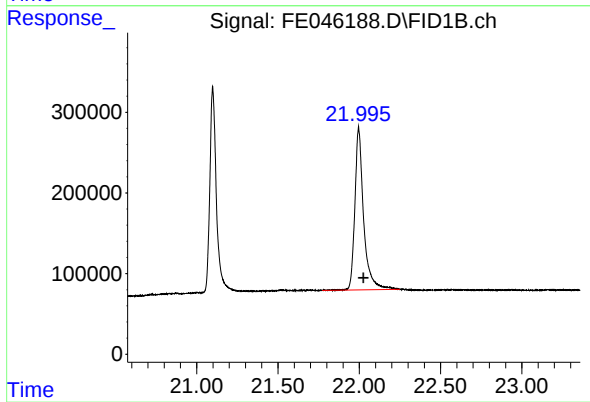
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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.030 min
Response: 7538385
Conc: 48.16 ug/ml