

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051758.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 10:58
 Operator : YP\AJ
 Sample : PB165815BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165815BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 26 11:42:26 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 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)	12.026	6101861	38.008 ug/ml
Spiked Amount 50.000		Recovery =	76.02%
12) S 1-chlorooctadecane (S...	13.448	5052969	40.056 ug/ml
Spiked Amount 50.000		Recovery =	80.11%
Target Compounds			
1) T n-Nonane (C9)	3.493	4225383	35.264 ug/ml
2) T n-Decane (C10)	4.724	4522155	36.371 ug/ml
3) T A~Naphthalene (C11.7)	6.411	5428231	38.093 ug/ml
4) T n-Dodecane (C12)	6.859	4769035	36.651 ug/ml
5) T A~2-methylnaphthalene...	7.494	5103953	36.065 ug/ml
6) T n-Tetradecane (C14)	8.674	4986160	37.188 ug/ml
7) T n-Hexadecane (C16)	10.269	5106052	35.729 ug/ml
8) T n-Octadecane (C18)	11.704	5197743	35.260 ug/ml
10) T n-Eicosane (C20)	13.005	5364220	37.286 ug/ml
11) T n-Heneicosane (C21)	13.613	5144229	36.200 ug/ml
13) T n-Docosane (C22)	14.196	5097768	36.159 ug/ml
14) T n-Tetracosane (C24)	15.285	10051567	72.042 ug/ml
15) T n-Hexacosane (C26)	16.306	4823251	35.797 ug/ml
16) T n-Octacosane (C28)	17.248	4744175	36.469 ug/ml
17) T n-Tricontane (C30)	18.131	4728085	35.726 ug/ml
18) T n-Dotriacontane (C32)	18.956	4686408	37.382 ug/ml
19) T n-Tetratriacontane (C34)	19.736	4567178	41.512 ug/ml
20) T n-Hexatriacontane (C36)	20.469	4249187	44.257 ug/mlm
21) T n-Octatriacontane (C38)	21.212	4034583	44.806 ug/ml
22) T n-Tetracontane (C40)	22.142	3983942	40.817 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB165815BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

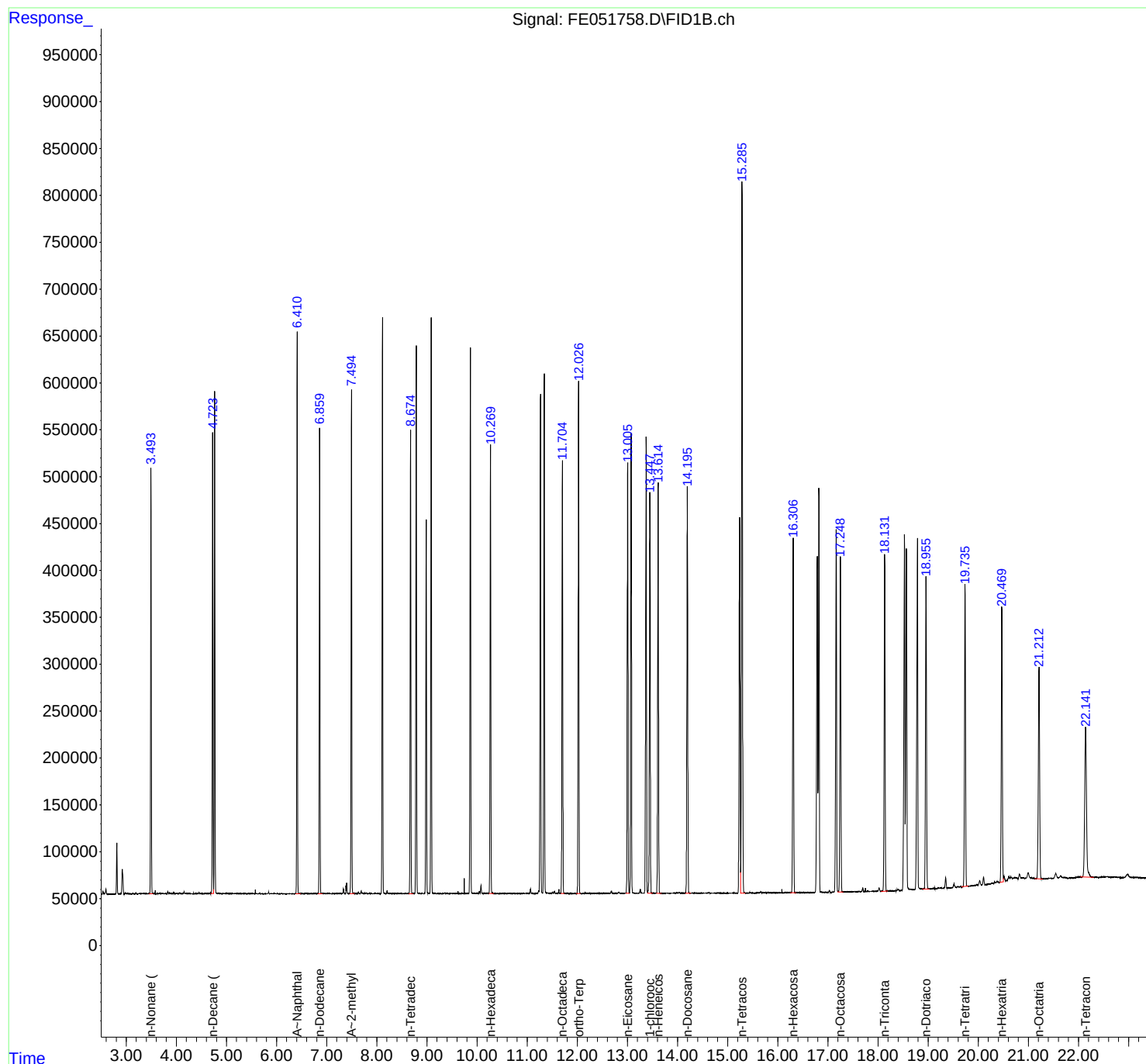
Instrument :
FID_E
ClientSampleId :
PB165815BSD

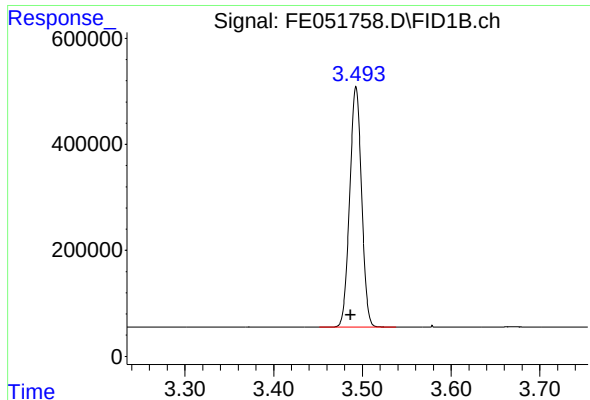
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





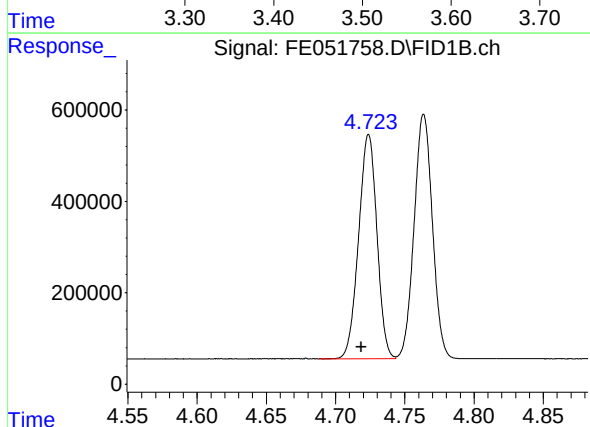
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.006 min
Response: 4225383
Conc: 35.26 ug/ml

Instrument :
FID_E
ClientSampleId :
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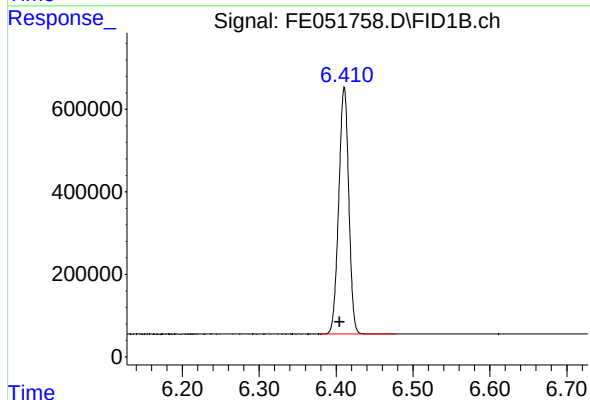
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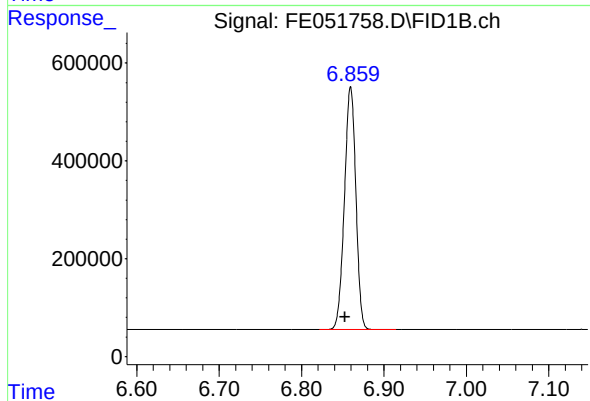
#2 n-Decane (C10)

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 4522155
Conc: 36.37 ug/ml



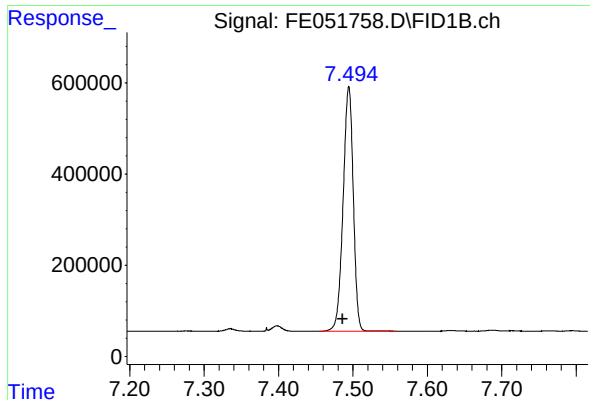
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min
Delta R.T.: 0.006 min
Response: 5428231
Conc: 38.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.007 min
Response: 4769035
Conc: 36.65 ug/ml



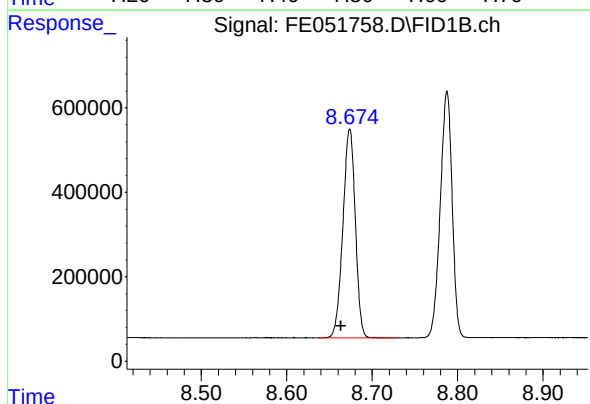
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.494 min
Delta R.T.: 0.008 min
Response: 5103953
Conc: 36.07 ug/ml

Instrument :
FID_E
ClientSampleId :
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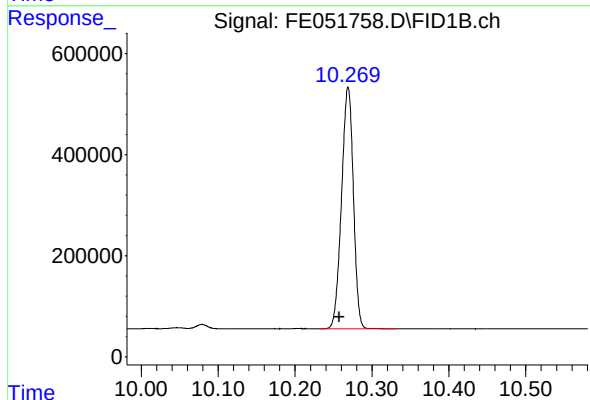
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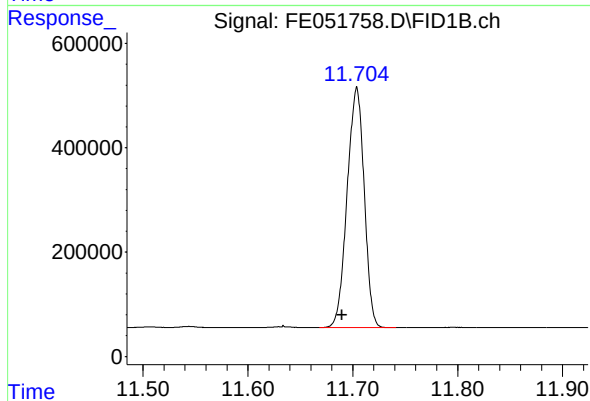
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: 0.010 min
Response: 4986160
Conc: 37.19 ug/ml



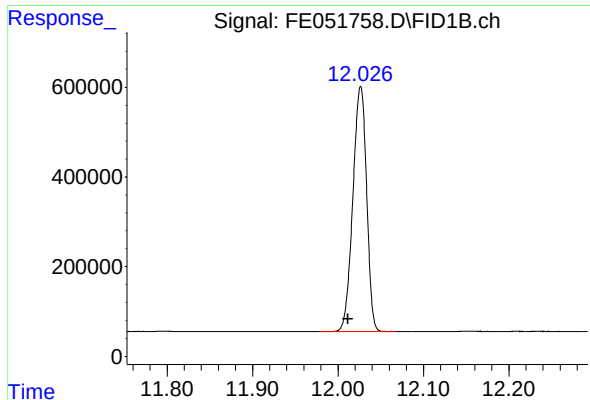
#7 n-Hexadecane (C16)

R.T.: 10.269 min
Delta R.T.: 0.011 min
Response: 5106052
Conc: 35.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: 0.014 min
Response: 5197743
Conc: 35.26 ug/ml



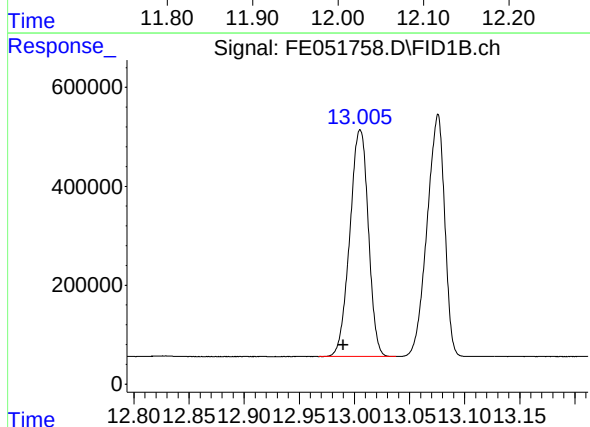
#9 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: 0.015 min
Response: 6101861
Conc: 38.01 ug/ml

Instrument :
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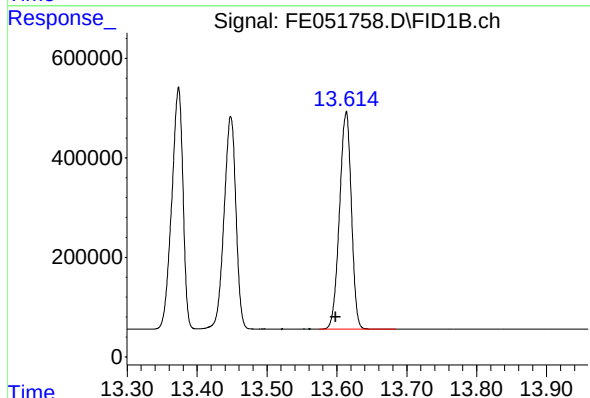
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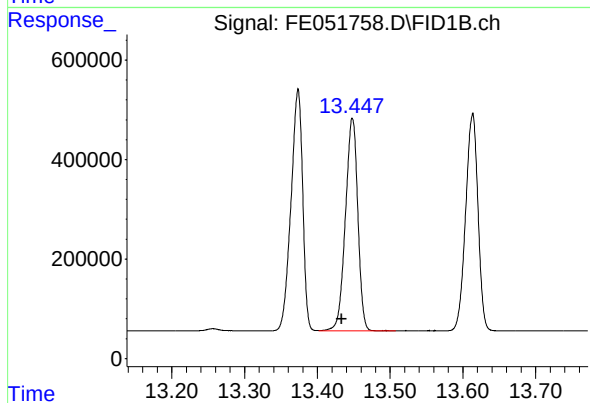
#10 n-Eicosane (C20)

R.T.: 13.005 min
Delta R.T.: 0.015 min
Response: 5364220
Conc: 37.29 ug/ml



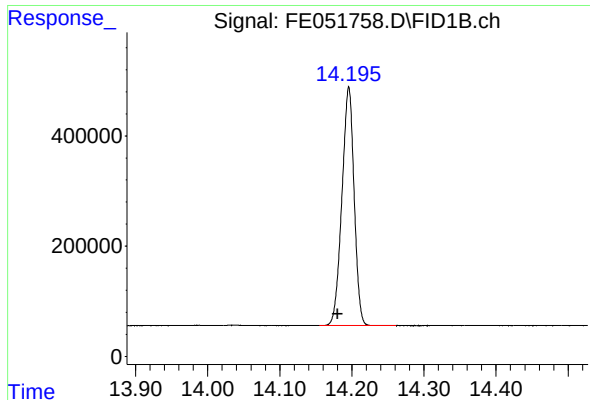
#11 n-Heneicosane (C21)

R.T.: 13.613 min
Delta R.T.: 0.015 min
Response: 5144229
Conc: 36.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.448 min
Delta R.T.: 0.015 min
Response: 5052969
Conc: 40.06 ug/ml



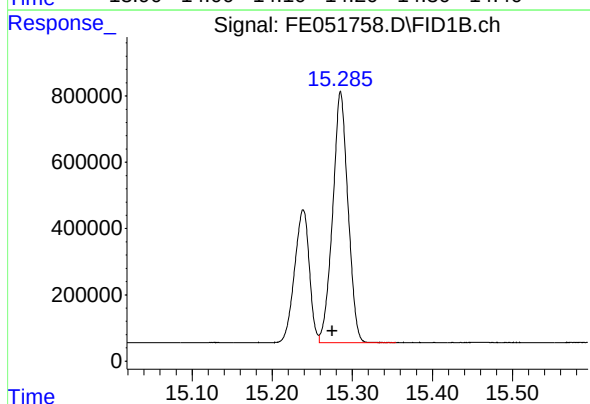
#13 n-Docosane (C22)

R.T.: 14.196 min
Delta R.T.: 0.015 min
Response: 5097768
Conc: 36.16 ug/ml

Instrument :
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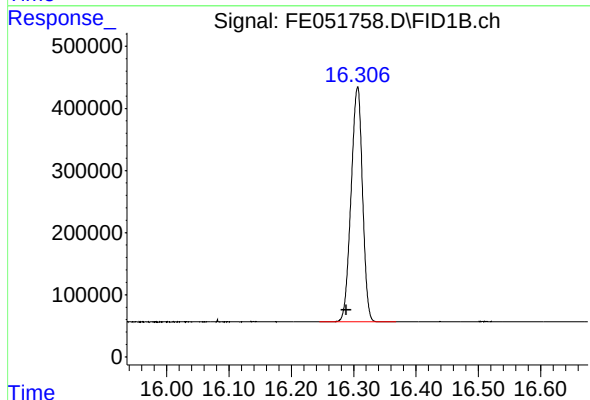
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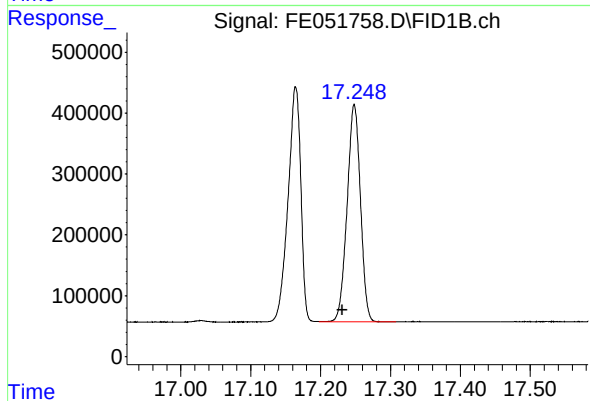
#14 n-Tetracosane (C24)

R.T.: 15.285 min
Delta R.T.: 0.011 min
Response: 10051567
Conc: 72.04 ug/ml



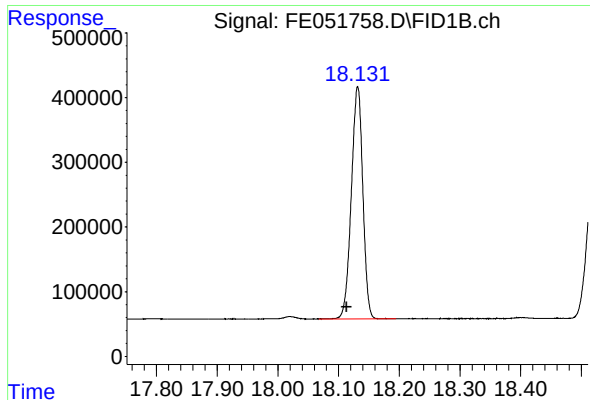
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.018 min
Response: 4823251
Conc: 35.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: 0.017 min
Response: 4744175
Conc: 36.47 ug/ml



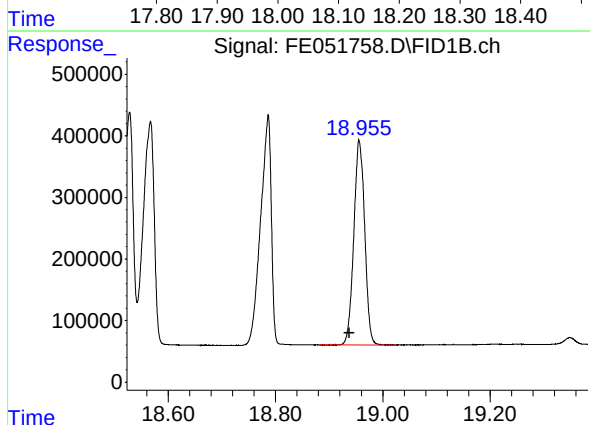
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.018 min
Response: 4728085
Conc: 35.73 ug/ml

Instrument :
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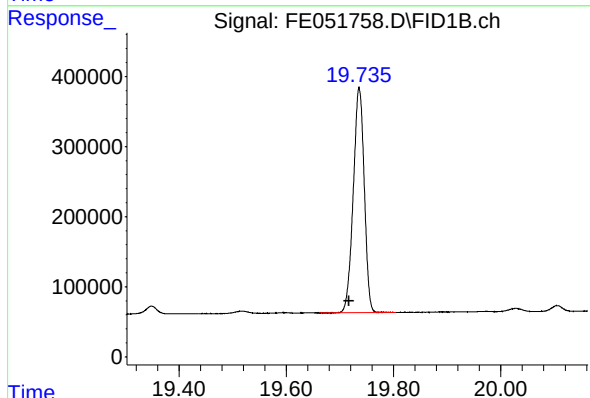
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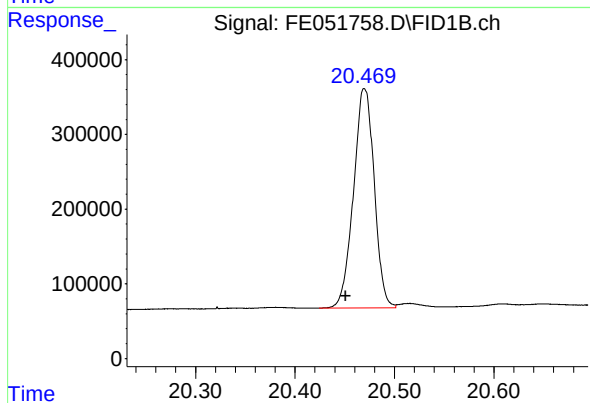
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.018 min
Response: 4686408
Conc: 37.38 ug/ml



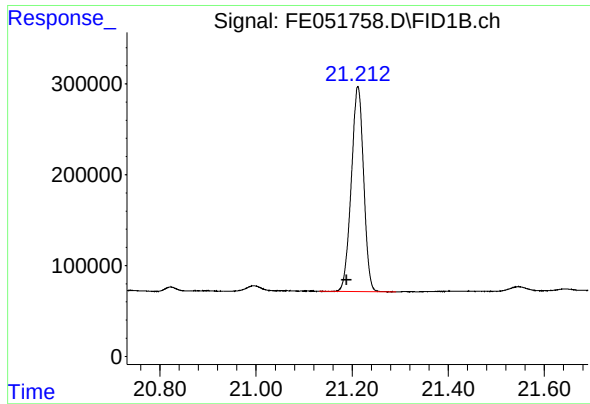
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.019 min
Response: 4567178
Conc: 41.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.469 min
Delta R.T.: 0.018 min
Response: 4249187
Conc: 44.26 ug/ml m



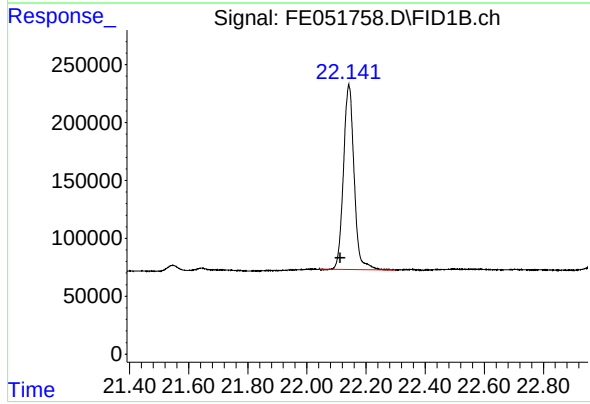
#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: 0.023 min
Response: 4034583
Conc: 44.81 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: 0.029 min
Response: 3983942
Conc: 40.82 ug/ml