

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051769.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 16:29
 Operator : YP\AJ
 Sample : PB165846BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165846BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 27 01:16:37 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)	12.030	5765556	35.913 ug/ml
Spiked Amount 50.000		Recovery =	71.83%
12) S 1-chlorooctadecane (S...	13.452	4826536	38.261 ug/ml
Spiked Amount 50.000		Recovery =	76.52%
Target Compounds			
1) T n-Nonane (C9)	3.496	4301271	35.897 ug/ml
2) T n-Decane (C10)	4.727	4553354	36.622 ug/ml
3) T A~Naphthalene (C11.7)	6.415	5445396	38.213 ug/ml
4) T n-Dodecane (C12)	6.863	4768988	36.651 ug/ml
5) T A~2-methylnaphthalene...	7.498	5112127	36.123 ug/ml
6) T n-Tetradecane (C14)	8.677	4985128	37.180 ug/ml
7) T n-Hexadecane (C16)	10.272	5116030	35.799 ug/ml
8) T n-Octadecane (C18)	11.707	5219772	35.409 ug/ml
10) T n-Eicosane (C20)	13.009	5411691	37.616 ug/ml
11) T n-Heneicosane (C21)	13.617	5196408	36.567 ug/ml
13) T n-Docosane (C22)	14.200	5155160	36.566 ug/ml
14) T n-Tetracosane (C24)	15.291	10189423	73.030 ug/ml
15) T n-Hexacosane (C26)	16.313	4882275	36.235 ug/ml
16) T n-Octacosane (C28)	17.255	4774352	36.701 ug/ml
17) T n-Tricontane (C30)	18.137	4679156	35.356 ug/ml
18) T n-Dotriacontane (C32)	18.963	4446268	35.466 ug/ml
19) T n-Tetratriacontane (C34)	19.741	4088848	37.164 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3388629	35.294 ug/mlm
21) T n-Octatriacontane (C38)	21.220	2821877	31.338 ug/ml
22) T n-Tetracontane (C40)	22.153	2525688	25.877 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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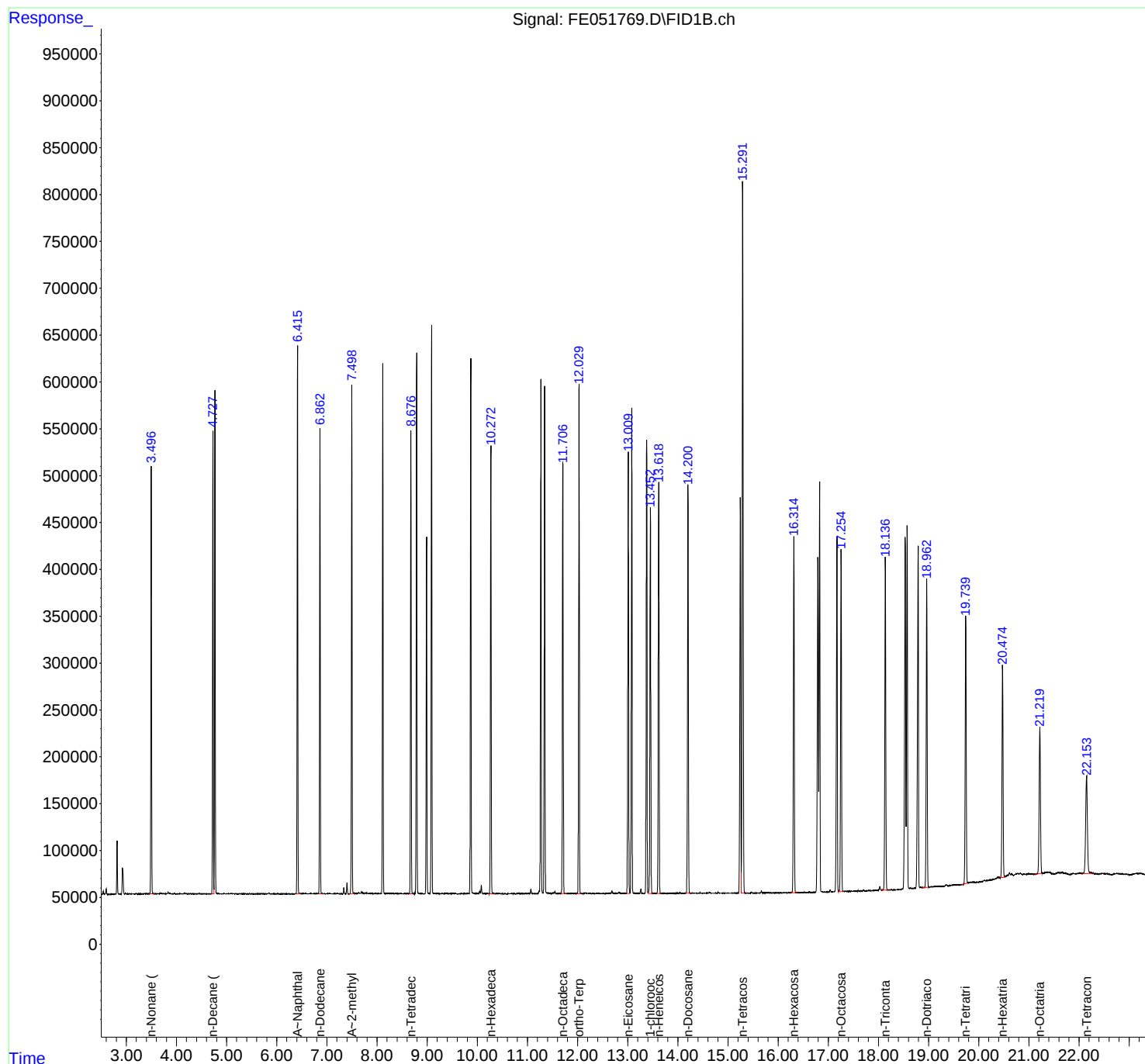
Response via : Initial Calibration

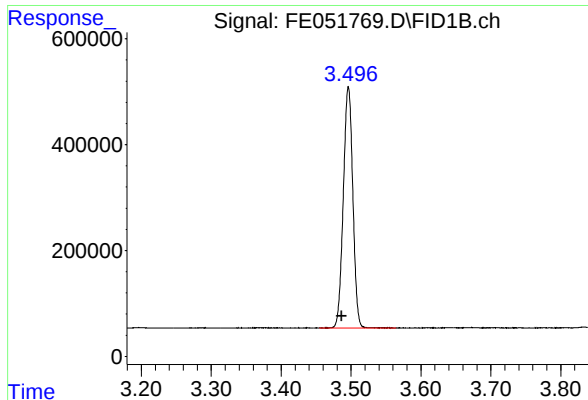
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.496 min
Delta R.T.: 0.009 min
Response: 4301271
Conc: 35.90 ug/ml

Instrument :

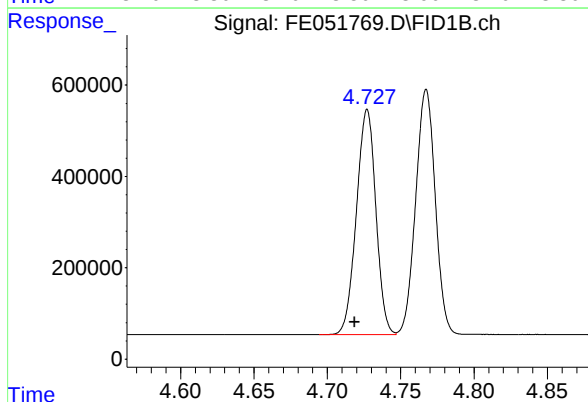
FID_E

ClientSampleId :

PB165846BSD

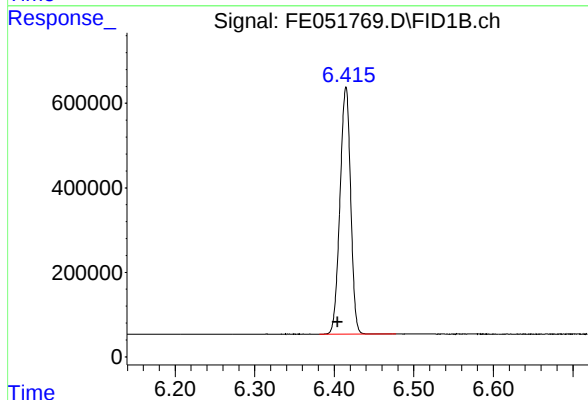
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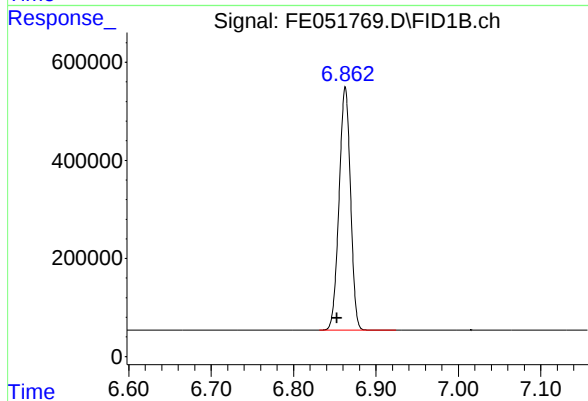
#2 n-Decane (C10)

R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 4553354
Conc: 36.62 ug/ml



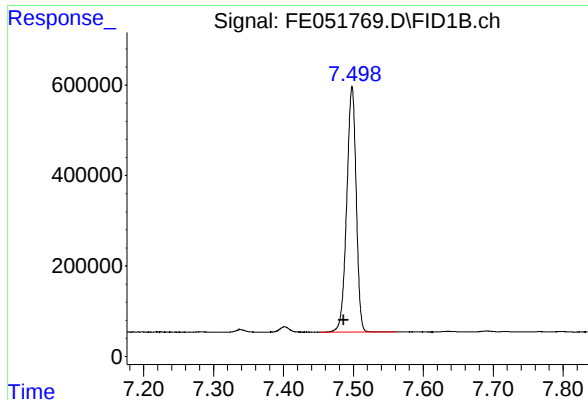
#3 A~Naphthalene (C11.7)

R.T.: 6.415 min
Delta R.T.: 0.010 min
Response: 5445396
Conc: 38.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.863 min
Delta R.T.: 0.010 min
Response: 4768988
Conc: 36.65 ug/ml



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

R.T.: 7.498 min
Delta R.T.: 0.012 min
Response: 5112127
Conc: 36.12 ug/ml

Instrument :

FID_E

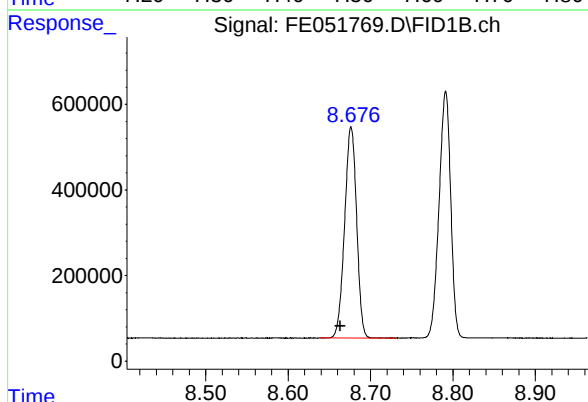
ClientSampleId :

PB165846BSD

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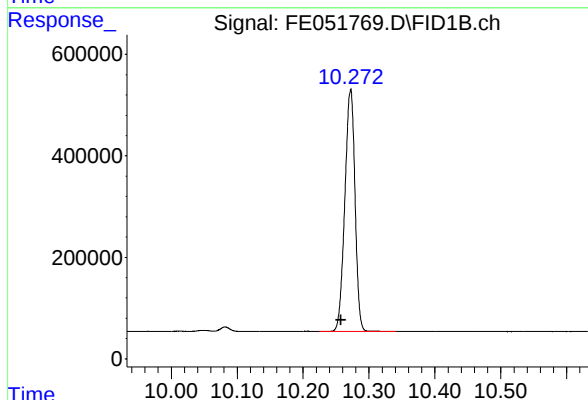
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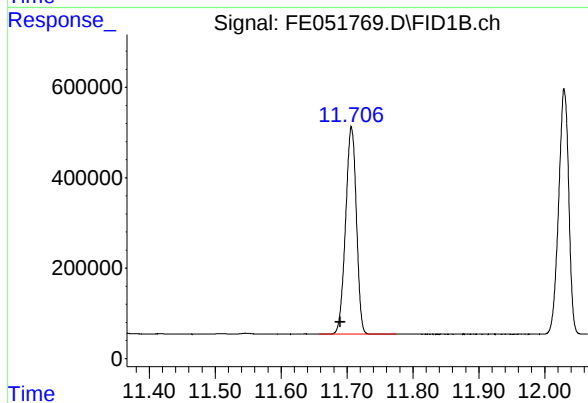
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: 0.013 min
Response: 4985128
Conc: 37.18 ug/ml



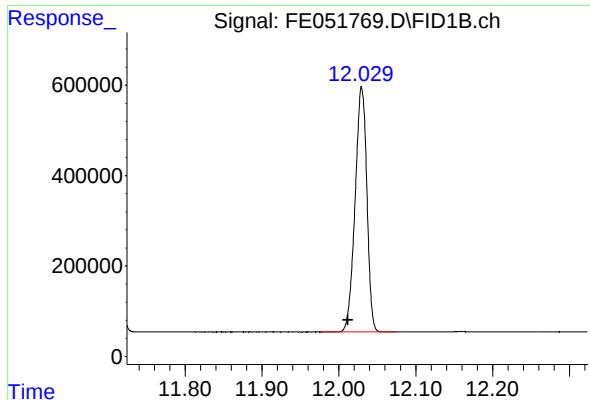
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.014 min
Response: 5116030
Conc: 35.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.707 min
Delta R.T.: 0.017 min
Response: 5219772
Conc: 35.41 ug/ml



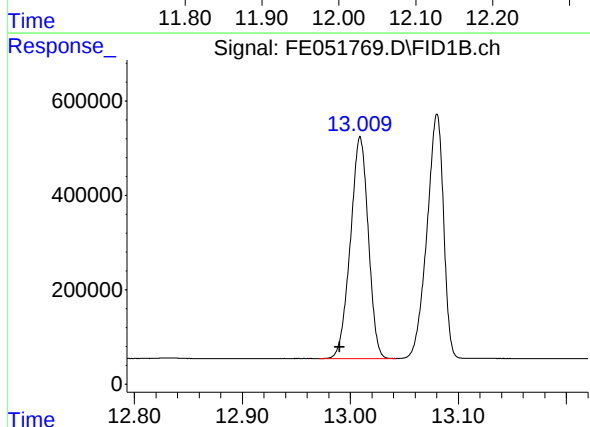
#9 ortho-Terphenyl (SURR)

R.T.: 12.030 min
Delta R.T.: 0.018 min
Response: 5765556
Conc: 35.91 ug/ml

Instrument :
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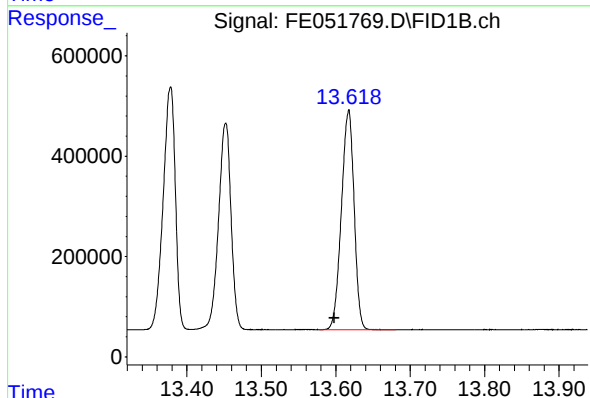
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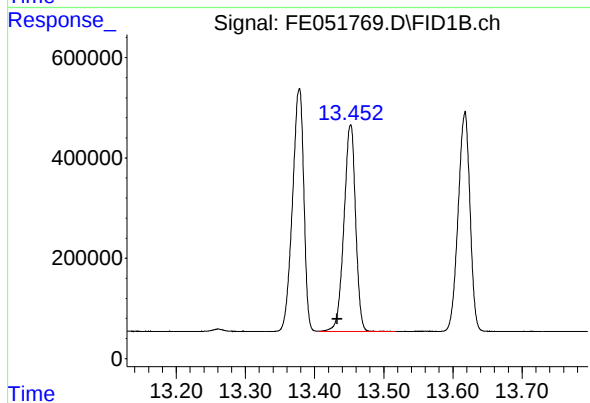
#10 n-Eicosane (C20)

R.T.: 13.009 min
Delta R.T.: 0.019 min
Response: 5411691
Conc: 37.62 ug/ml



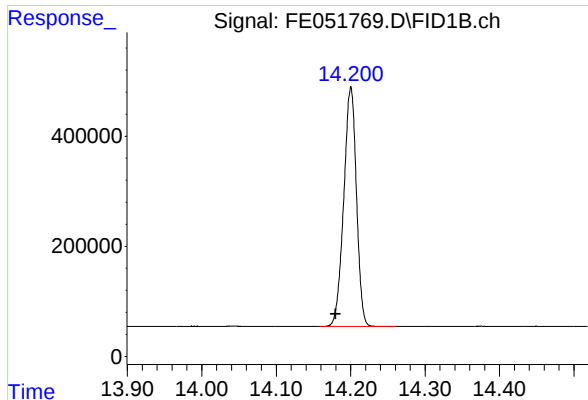
#11 n-Heneicosane (C21)

R.T.: 13.617 min
Delta R.T.: 0.019 min
Response: 5196408
Conc: 36.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.452 min
Delta R.T.: 0.019 min
Response: 4826536
Conc: 38.26 ug/ml



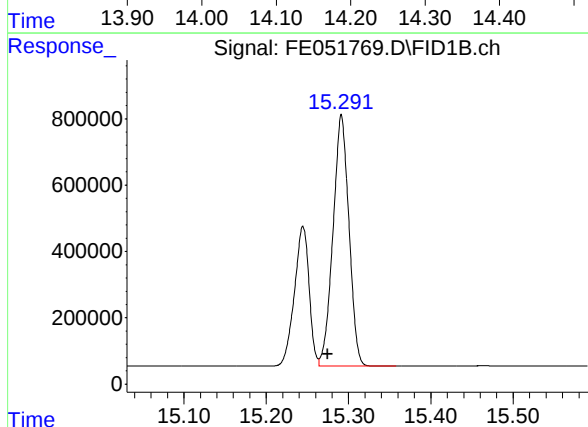
#13 n-Docosane (C22)

R.T.: 14.200 min
Delta R.T.: 0.020 min
Response: 5155160
Conc: 36.57 ug/ml

Instrument :
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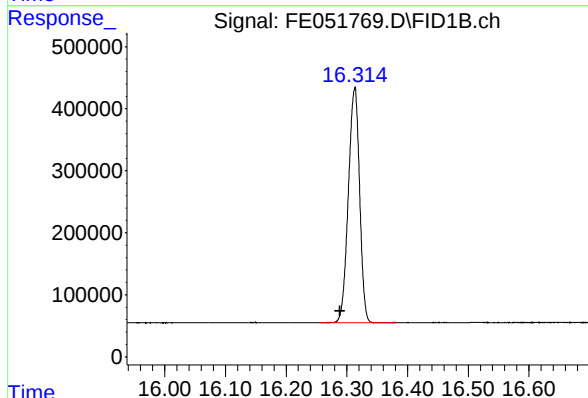
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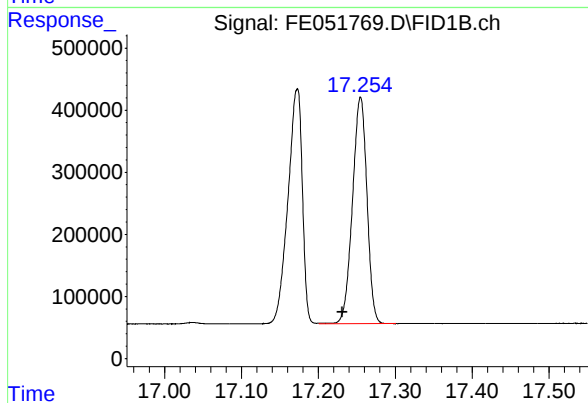
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.017 min
Response: 10189423
Conc: 73.03 ug/ml



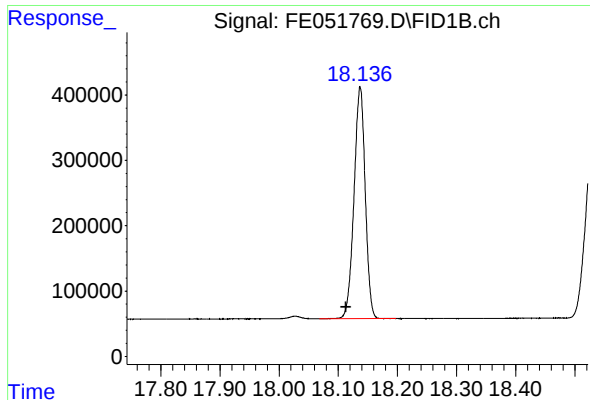
#15 n-Hexacosane (C26)

R.T.: 16.313 min
Delta R.T.: 0.024 min
Response: 4882275
Conc: 36.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.023 min
Response: 4774352
Conc: 36.70 ug/ml



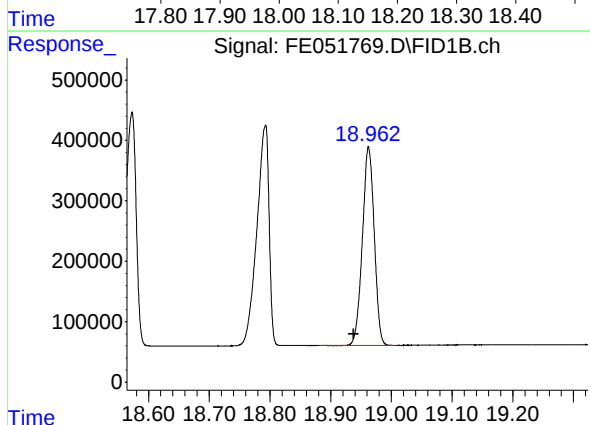
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: 0.024 min
Response: 4679156
Conc: 35.36 ug/ml

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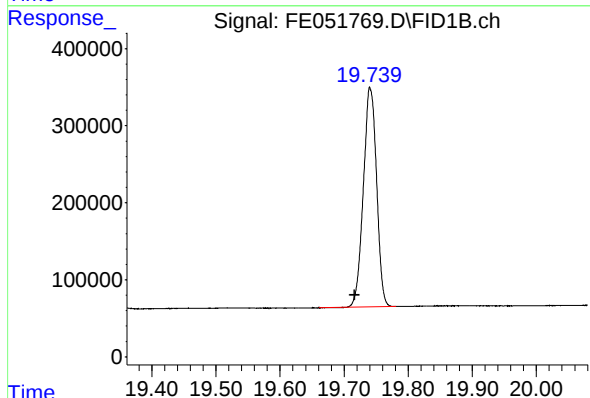
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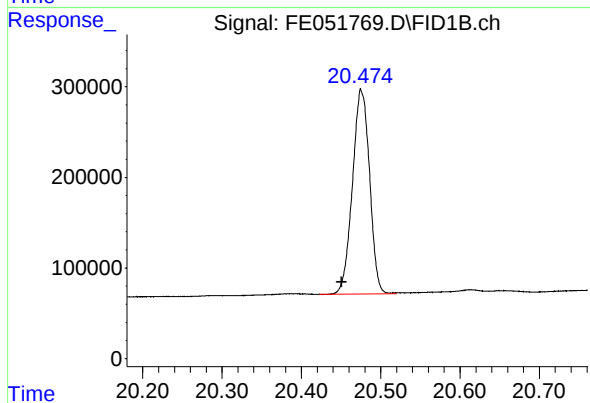
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.024 min
Response: 4446268
Conc: 35.47 ug/ml



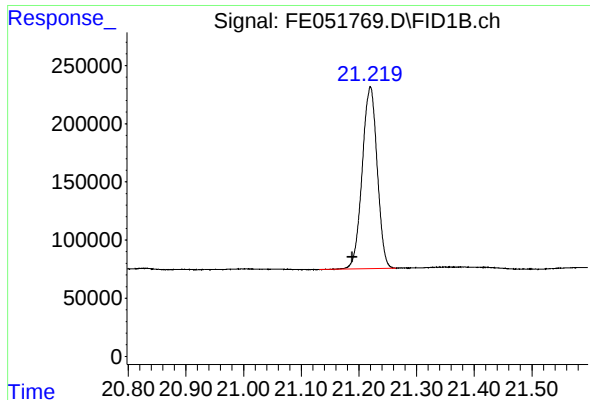
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.024 min
Response: 4088848
Conc: 37.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.023 min
Response: 3388629
Conc: 35.29 ug/ml m



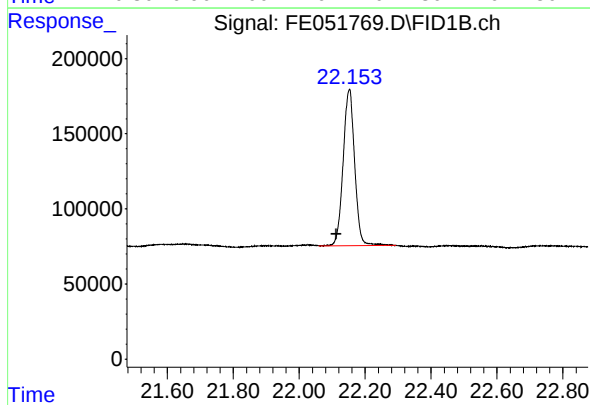
#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.031 min
Response: 2821877
Conc: 31.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.040 min
Response: 2525688
Conc: 25.88 ug/ml m