

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052223AL\
 Data File : FE042103.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2023 14:51
 Operator : YP\AJ
 Sample : PB152930BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152930BSD

Integration File: autoint1.e
 Quant Time: May 23 01:10:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.961	7179768	40.661 ug/ml
Spiked Amount 50.000		Recovery =	81.32%
12) S 1-chlorooctadecane (S...	13.396	5754197	43.304 ug/ml
Spiked Amount 50.000		Recovery =	86.61%
Target Compounds			
1) T n-Nonane (C9)	3.352	6173857	42.815 ug/ml
2) T n-Decane (C10)	4.599	6445782	43.542 ug/ml
3) T A~Naphthalene (C11.7)	6.300	7068321	43.321 ug/ml
4) T n-Dodecane (C12)	6.762	6703528	44.704 ug/ml
5) T A~2-methylnaphthalene...	7.396	6795901	42.822 ug/ml
6) T n-Tetradecane (C14)	8.591	6744806	45.023 ug/ml
7) T n-Hexadecane (C16)	10.198	7078708	45.443 ug/ml
8) T n-Octadecane (C18)	11.642	7101928	44.911 ug/ml
10) T n-Eicosane (C20)	12.952	7136092	47.077 ug/ml
11) T n-Heneicosane (C21)	13.562	6860340	46.306 ug/ml
13) T n-Docosane (C22)	14.149	6782774	46.268 ug/ml
14) T n-Tetracosane (C24)	15.240	13084893	90.643 ug/ml
15) T n-Hexacosane (C26)	16.273	6417250	46.335 ug/ml
16) T n-Octacosane (C28)	17.222	6197447	46.290 ug/ml
17) T n-Tricontane (C30)	18.110	5999669	44.445 ug/ml
18) T n-Dotriacontane (C32)	18.942	5706736	42.718 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5575556	42.396 ug/ml
20) T n-Hexatriacontane (C36)	20.464	5215465	40.127 ug/ml
21) T n-Octatriacontane (C38)	21.212	5131759	37.824 ug/ml
22) T n-Tetracontane (C40)	22.144	5090438	36.591 ug/ml

(f)=RT Delta > 1/2 Window

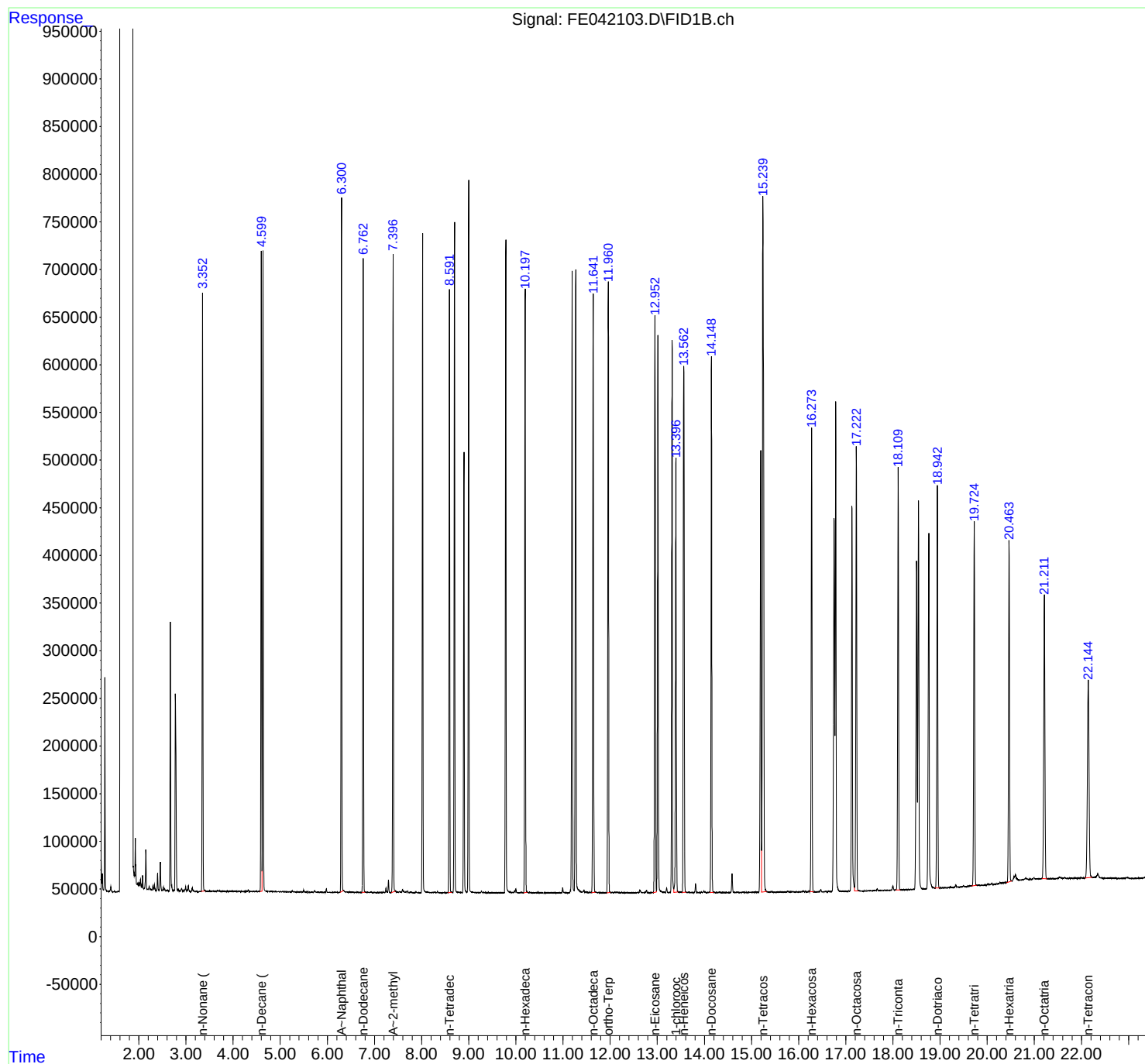
(m)=manual int.

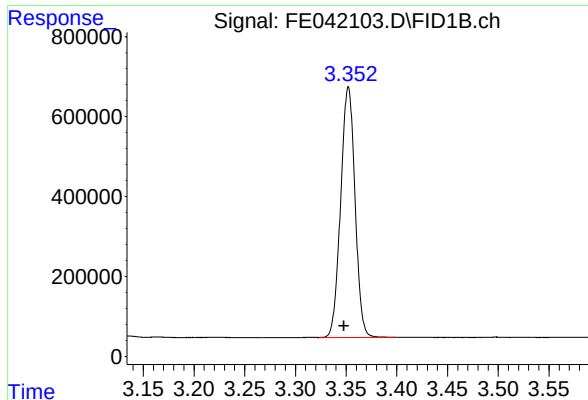
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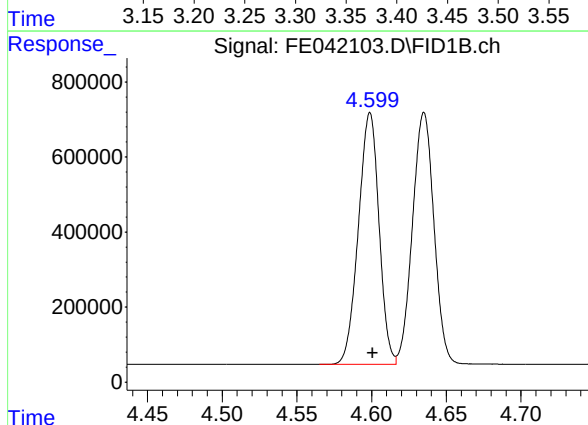




#1 n-Nonane (C9)

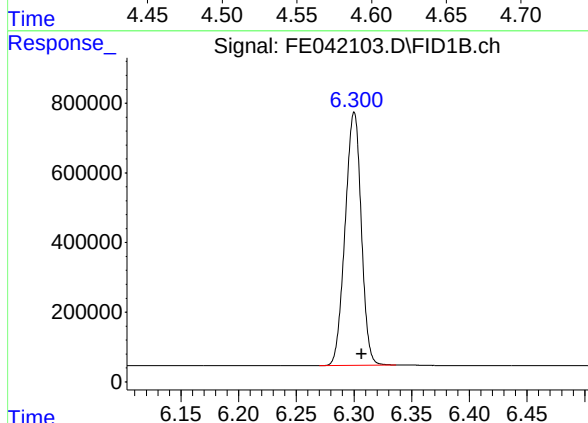
R.T.: 3.352 min
Delta R.T.: 0.004 min
Response: 6173857
Conc: 42.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



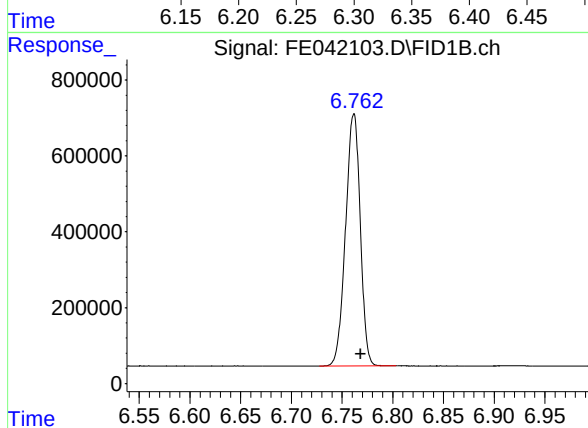
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 6445782
Conc: 43.54 ug/ml



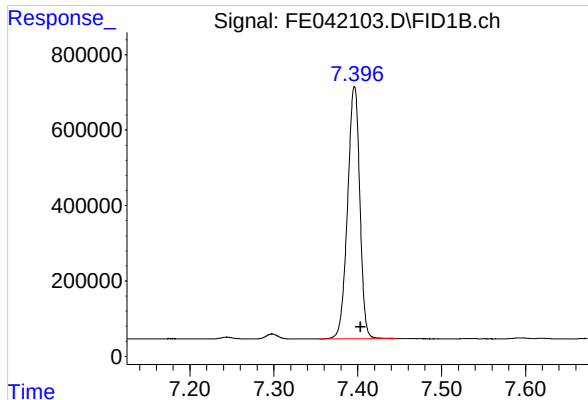
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.006 min
Response: 7068321
Conc: 43.32 ug/ml



#4 n-Dodecane (C12)

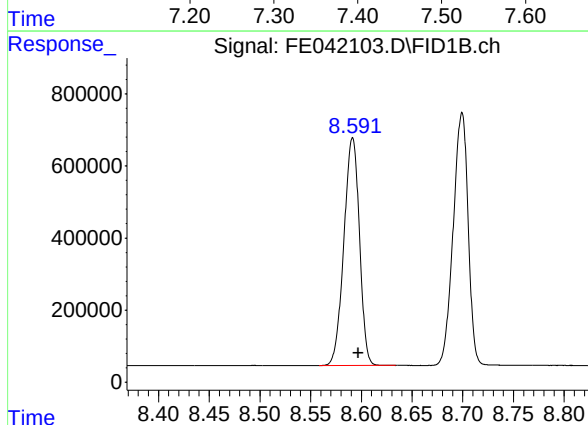
R.T.: 6.762 min
Delta R.T.: -0.007 min
Response: 6703528
Conc: 44.70 ug/ml



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

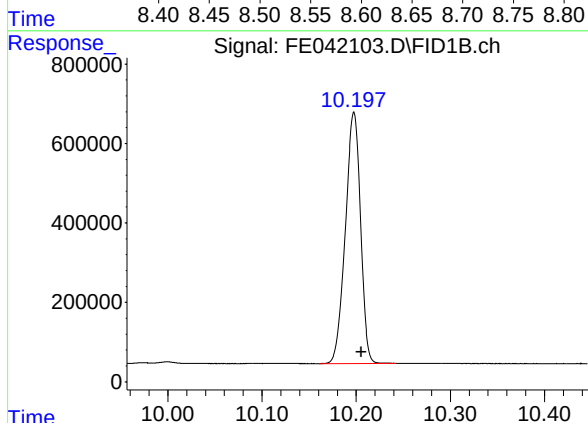
R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 6795901
Conc: 42.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



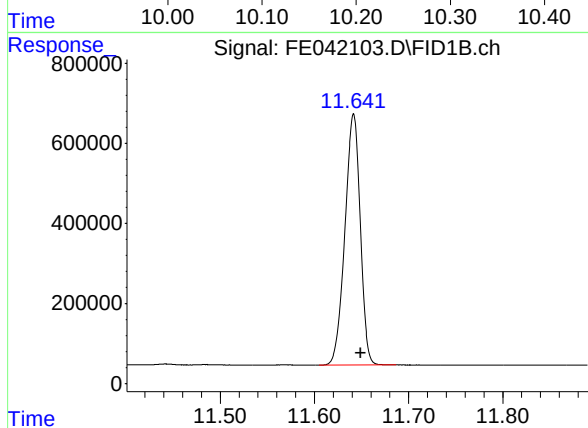
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.006 min
Response: 6744806
Conc: 45.02 ug/ml



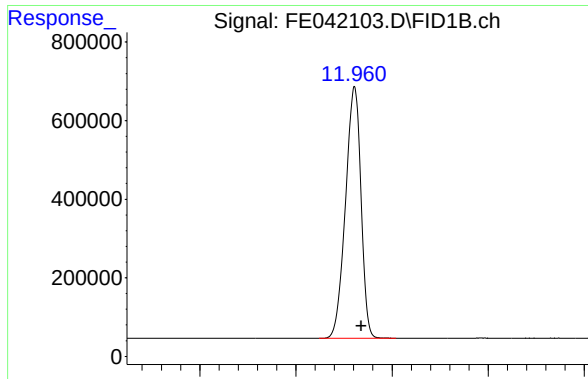
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.008 min
Response: 7078708
Conc: 45.44 ug/ml



#8 n-Octadecane (C18)

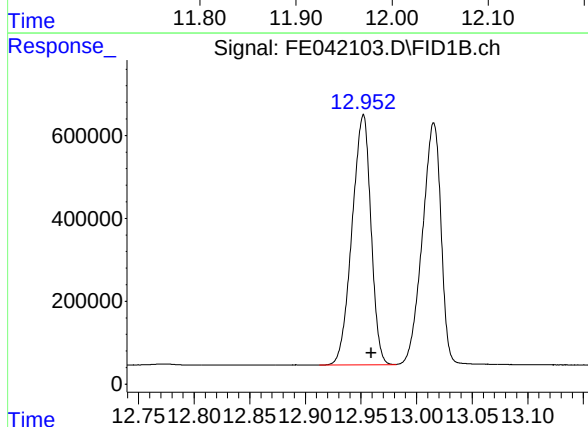
R.T.: 11.642 min
Delta R.T.: -0.007 min
Response: 7101928
Conc: 44.91 ug/ml



#9 ortho-Terphenyl (SURR)

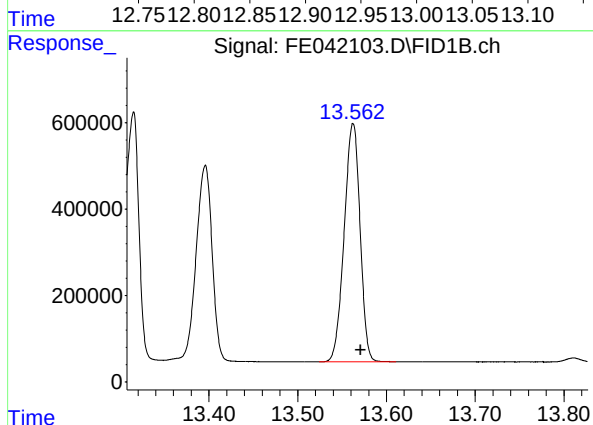
R.T.: 11.961 min
Delta R.T.: -0.007 min
Response: 7179768
Conc: 40.66 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



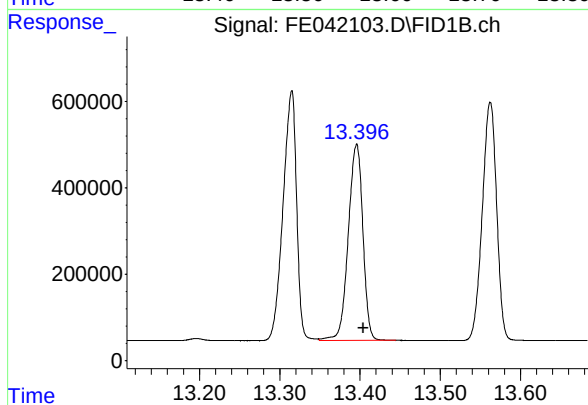
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: -0.007 min
Response: 7136092
Conc: 47.08 ug/ml



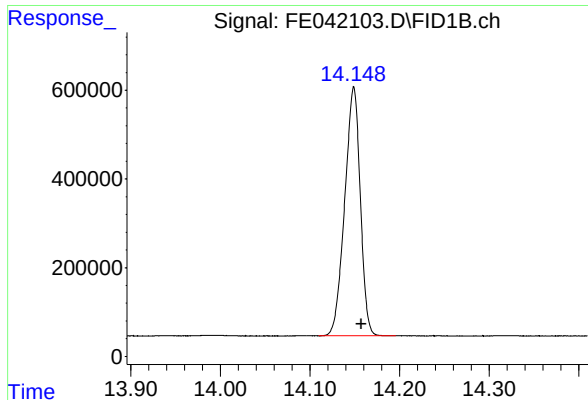
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.008 min
Response: 6860340
Conc: 46.31 ug/ml



#12 1-chlorooctadecane (SURR)

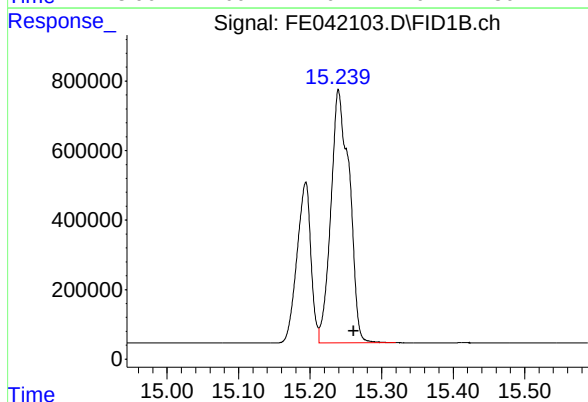
R.T.: 13.396 min
Delta R.T.: -0.008 min
Response: 5754197
Conc: 43.30 ug/ml



#13 n-Docosane (C22)

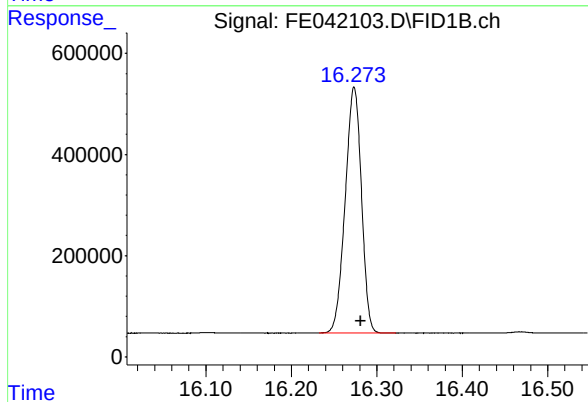
R.T.: 14.149 min
Delta R.T.: -0.008 min
Response: 6782774
Conc: 46.27 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



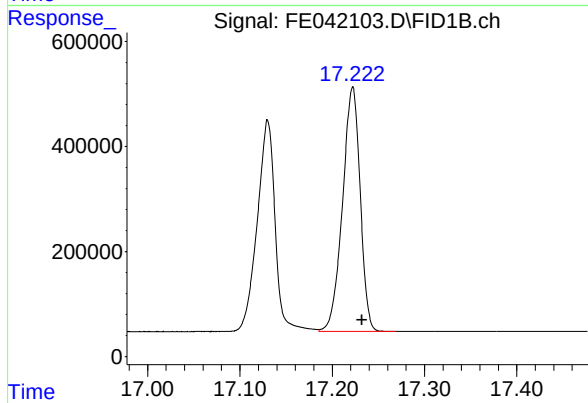
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.021 min
Response: 13084893
Conc: 90.64 ug/ml



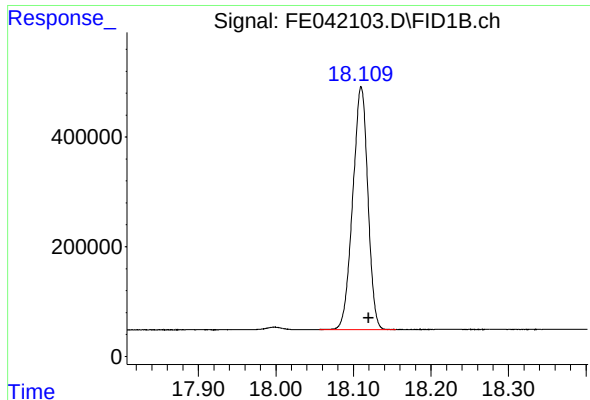
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.008 min
Response: 6417250
Conc: 46.33 ug/ml



#16 n-Octacosane (C28)

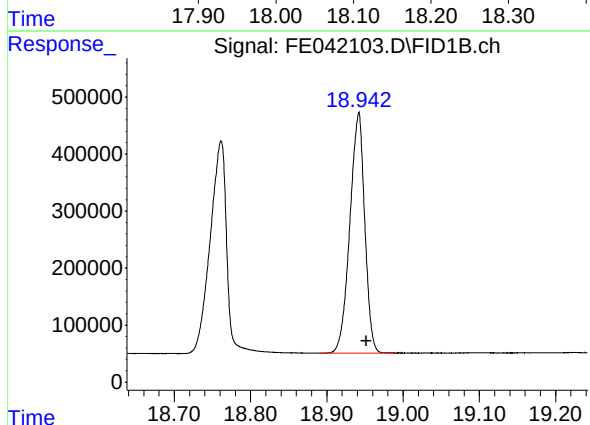
R.T.: 17.222 min
Delta R.T.: -0.010 min
Response: 6197447
Conc: 46.29 ug/ml



#17 n-Tricontane (C30)

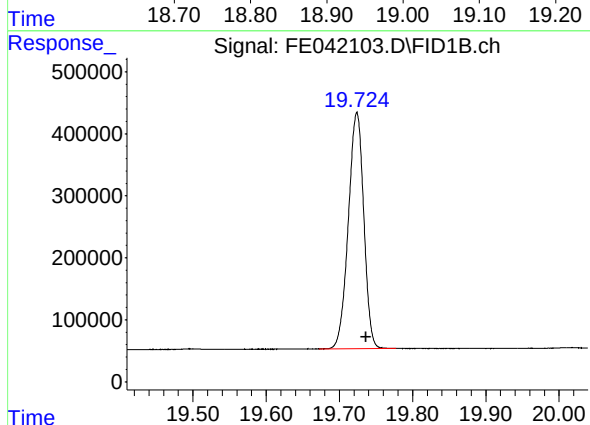
R.T.: 18.110 min
Delta R.T.: -0.010 min
Response: 5999669
Conc: 44.44 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



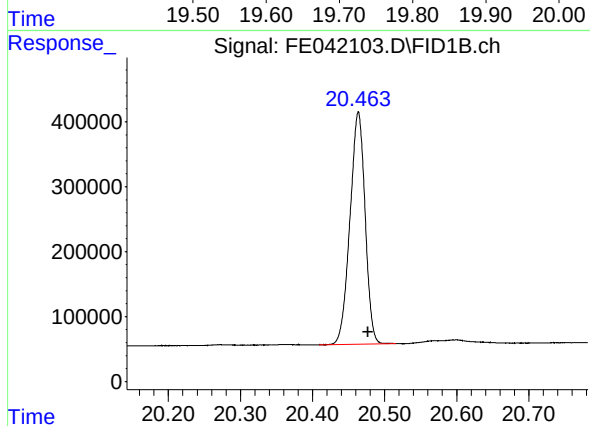
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.010 min
Response: 5706736
Conc: 42.72 ug/ml



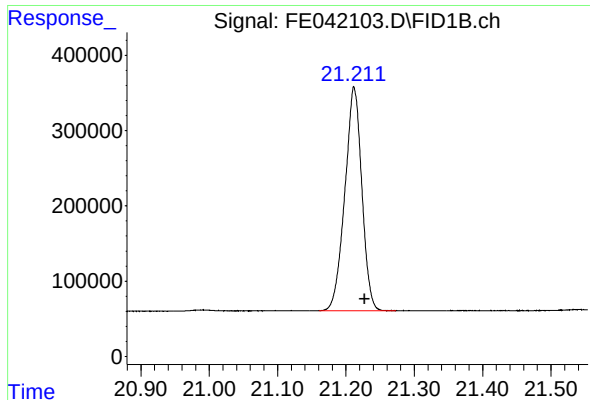
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.013 min
Response: 5575556
Conc: 42.40 ug/ml



#20 n-Hexatriacontane (C36)

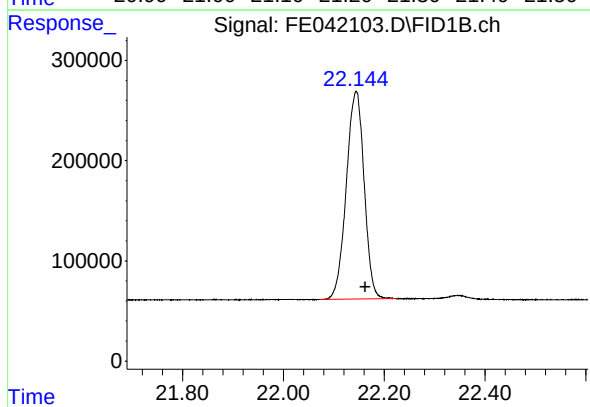
R.T.: 20.464 min
Delta R.T.: -0.013 min
Response: 5215465
Conc: 40.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 5131759
Conc: 37.82 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152930BSD



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.019 min
Response: 5090438
Conc: 36.59 ug/ml