

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042224AL\
 Data File : FE047726.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2024 14:55
 Operator : YP\AJ
 Sample : PB160421BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160421BSD

Integration File: autoint1.e
 Quant Time: Apr 23 01:20:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.981	6893144	39.742 ug/ml
Spiked Amount 50.000		Recovery =	79.48%
12) S 1-chlorooctadecane (S...	13.413	5779997	42.975 ug/ml
Spiked Amount 50.000		Recovery =	85.95%
Target Compounds			
1) T n-Nonane (C9)	3.367	6083730	38.886 ug/ml
2) T n-Decane (C10)	4.615	6386509	39.737 ug/ml
3) T A~Naphthalene (C11.7)	6.320	6940057	40.931 ug/ml
4) T n-Dodecane (C12)	6.778	6764567	41.677 ug/ml
5) T A~2-methylnaphthalene...	7.416	7146589	43.518 ug/ml
6) T n-Tetradecane (C14)	8.608	7784450	48.389 ug/ml
7) T n-Hexadecane (C16)	10.216	8879683	53.467 ug/ml
8) T n-Octadecane (C18)	11.661	9407304	56.097 ug/ml
10) T n-Eicosane (C20)	12.971	9554070	58.974 ug/ml
11) T n-Heneicosane (C21)	13.582	9294531	58.576 ug/ml
13) T n-Docosane (C22)	14.168	9231967	57.527 ug/ml
14) T n-Tetracosane (C24)	15.265	16064045	97.320 ug/ml
15) T n-Hexacosane (C26)	16.293	9065357	54.843 ug/ml
16) T n-Octacosane (C28)	17.241	9259317	55.874 ug/ml
17) T n-Tricontane (C30)	18.128	9127076	53.760 ug/ml
18) T n-Dotriacontane (C32)	18.960	9100376	54.575 ug/ml
19) T n-Tetratriacontane (C34)	19.744	9442973	58.876 ug/ml
20) T n-Hexatriacontane (C36)	20.483	9479582	59.434 ug/ml
21) T n-Octatriacontane (C38)	21.228	9678482	59.551 ug/ml
22) T n-Tetracontane (C40)	22.160	9600505	58.638 ug/ml

(f)=RT Delta > 1/2 Window

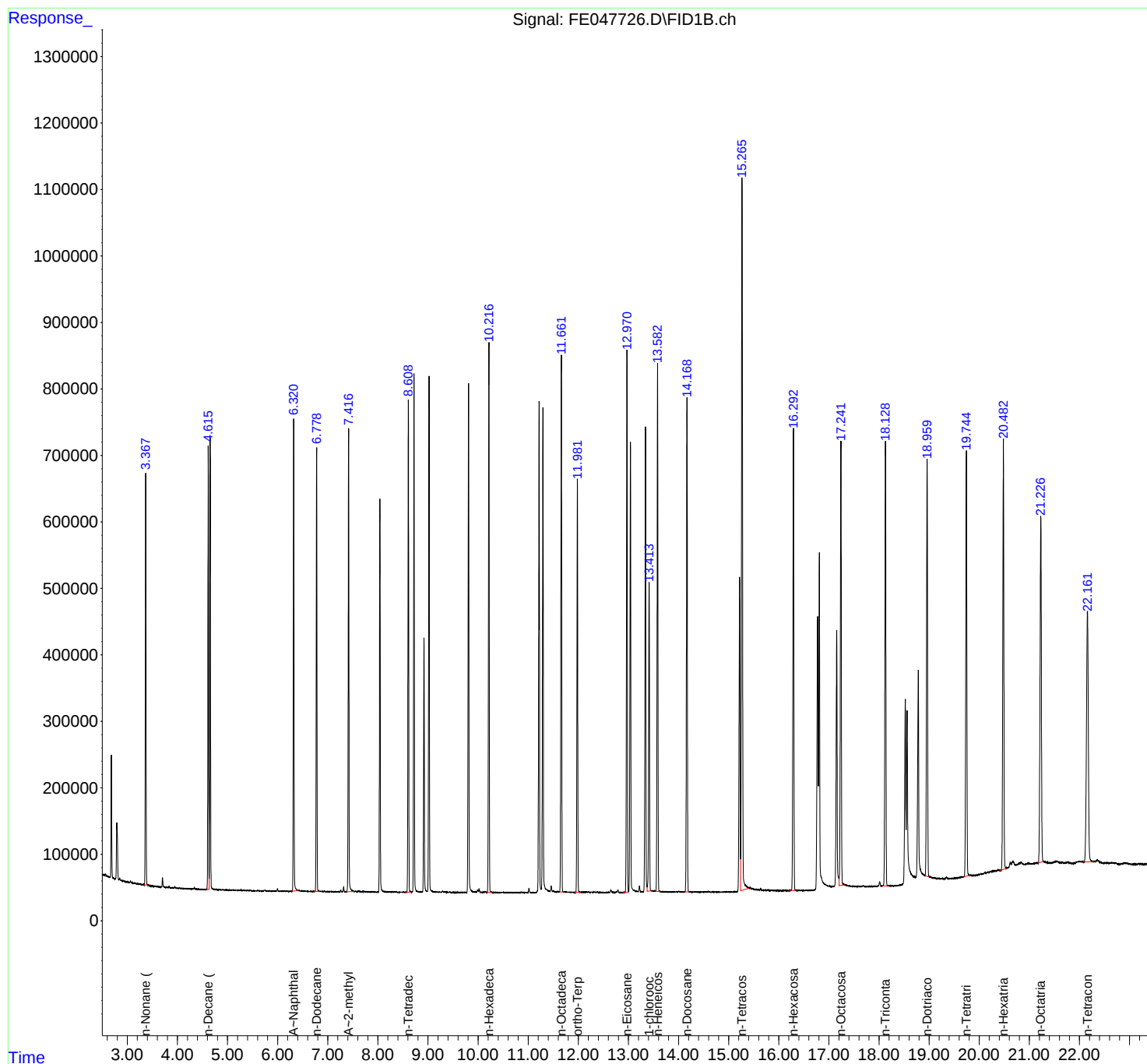
(m)=manual int.

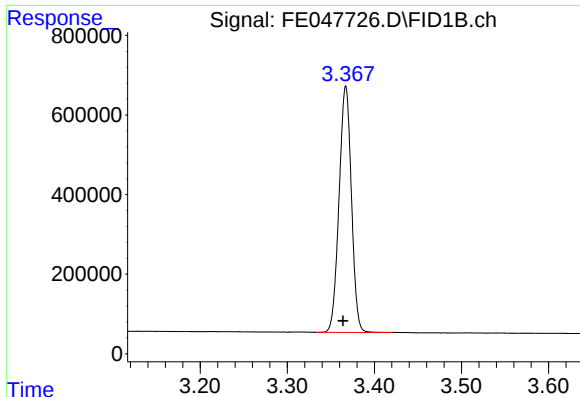
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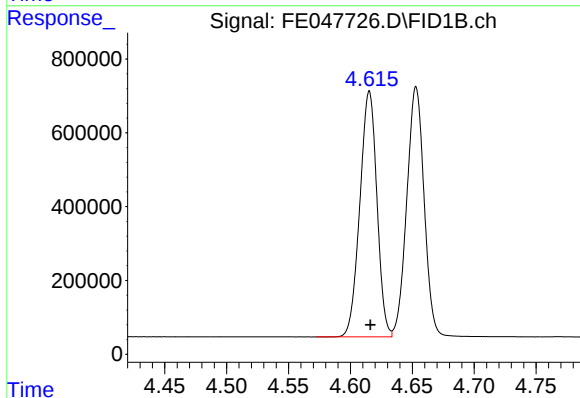




#1 n-Nonane (C9)

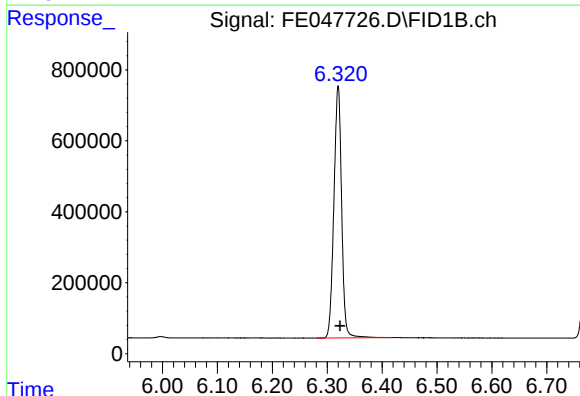
R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 6083730
Conc: 38.89 ug/ml

Instrument :
FID_E
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PB160421BSD



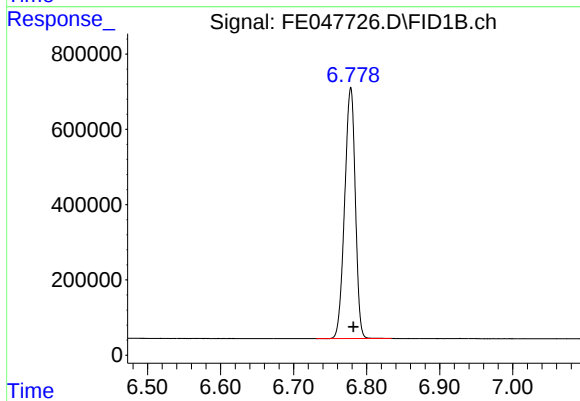
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 6386509
Conc: 39.74 ug/ml



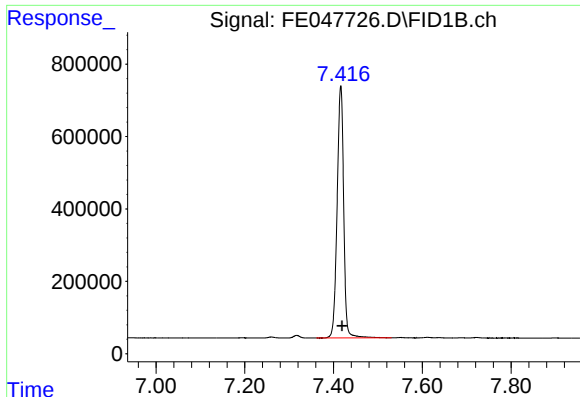
#3 A~Naphthalene (C11.7)

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 6940057
Conc: 40.93 ug/ml



#4 n-Dodecane (C12)

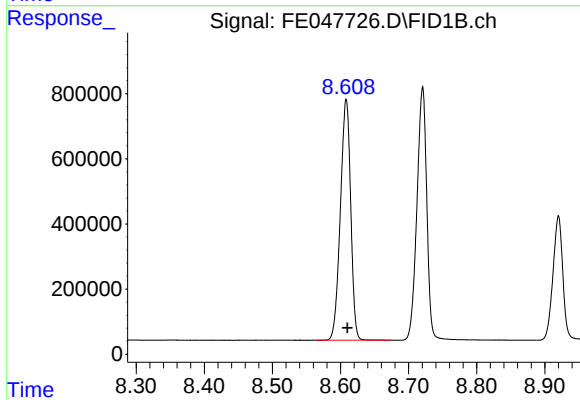
R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 6764567
Conc: 41.68 ug/ml



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

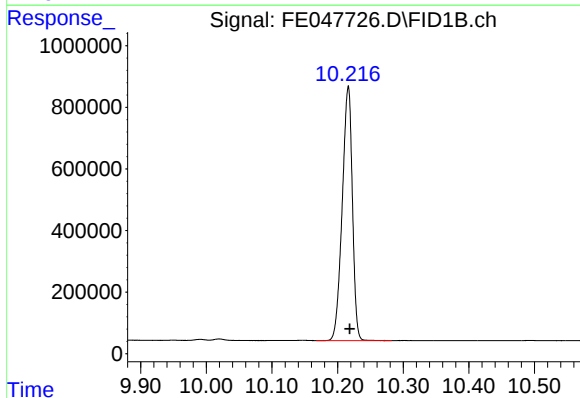
R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 7146589
Conc: 43.52 ug/ml

Instrument :
FID_E
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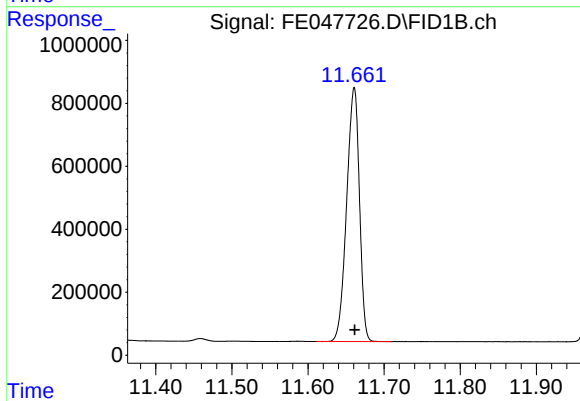
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: -0.002 min
Response: 7784450
Conc: 48.39 ug/ml



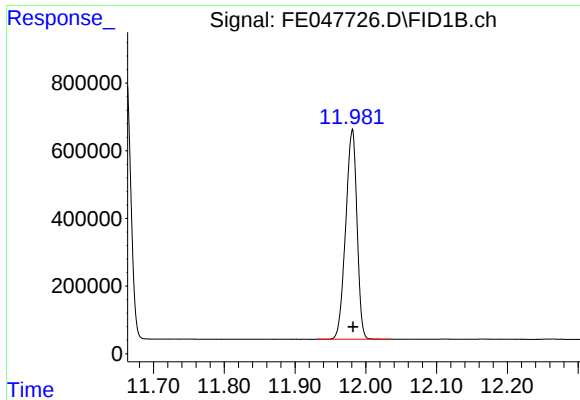
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.002 min
Response: 8879683
Conc: 53.47 ug/ml



#8 n-Octadecane (C18)

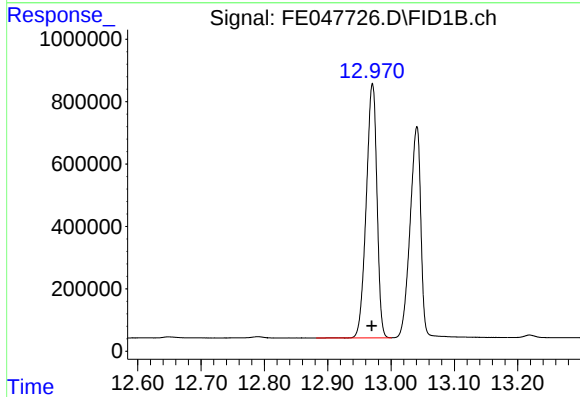
R.T.: 11.661 min
Delta R.T.: 0.000 min
Response: 9407304
Conc: 56.10 ug/ml



#9 ortho-Terphenyl (SURR)

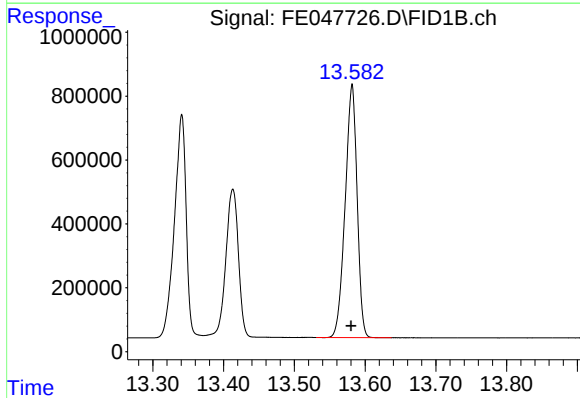
R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 6893144
Conc: 39.74 ug/ml

Instrument :
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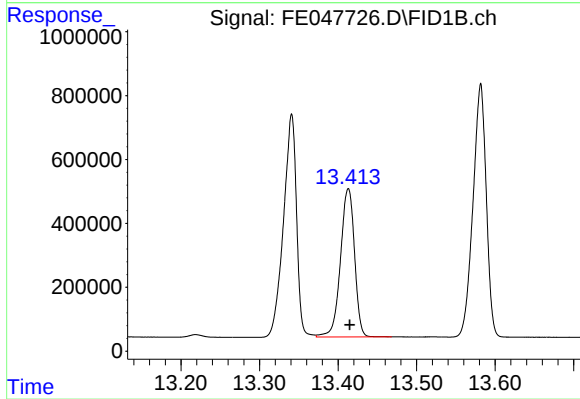
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.001 min
Response: 9554070
Conc: 58.97 ug/ml



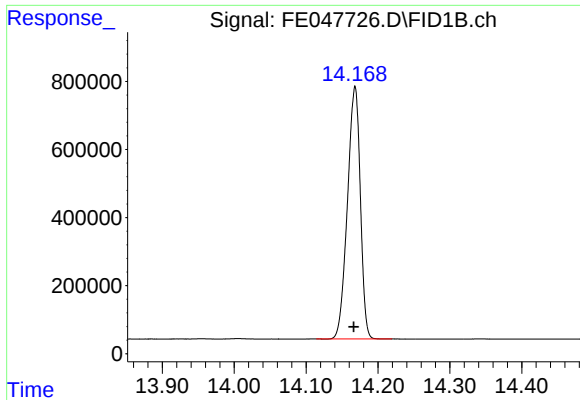
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.001 min
Response: 9294531
Conc: 58.58 ug/ml



#12 1-chlorooctadecane (SURR)

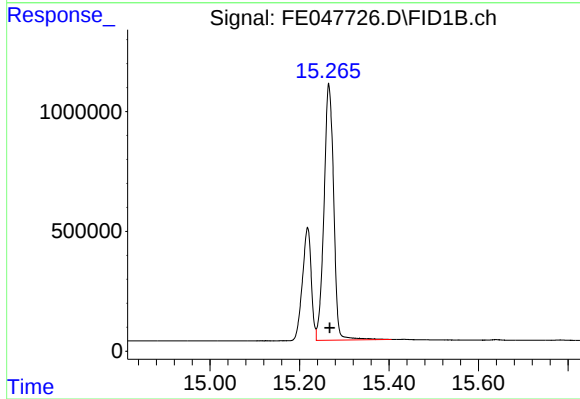
R.T.: 13.413 min
Delta R.T.: -0.002 min
Response: 5779997
Conc: 42.98 ug/ml



#13 n-Docosane (C22)

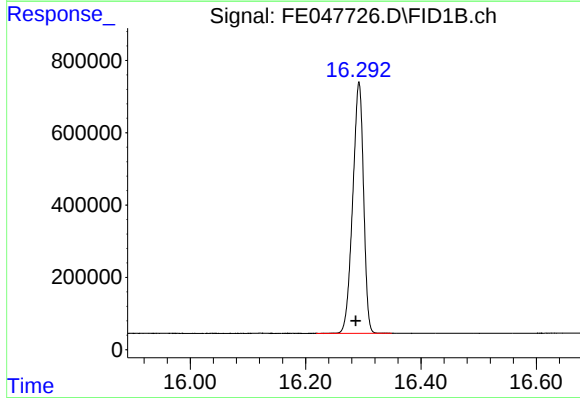
R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 9231967
Conc: 57.53 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160421BSD



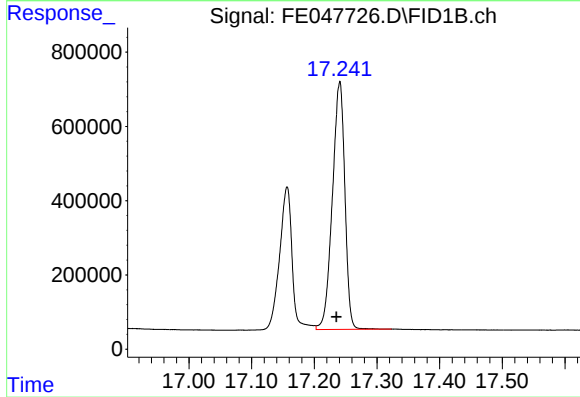
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: -0.002 min
Response: 16064045
Conc: 97.32 ug/ml



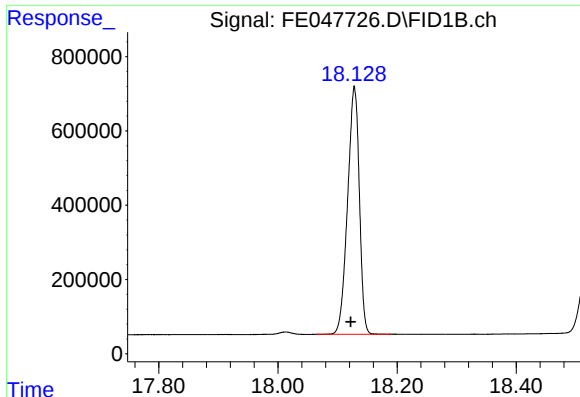
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: 0.005 min
Response: 9065357
Conc: 54.84 ug/ml



#16 n-Octacosane (C28)

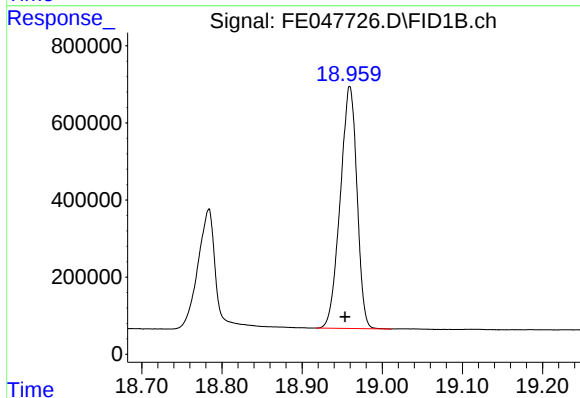
R.T.: 17.241 min
Delta R.T.: 0.006 min
Response: 9259317
Conc: 55.87 ug/ml



#17 n-Tricontane (C30)

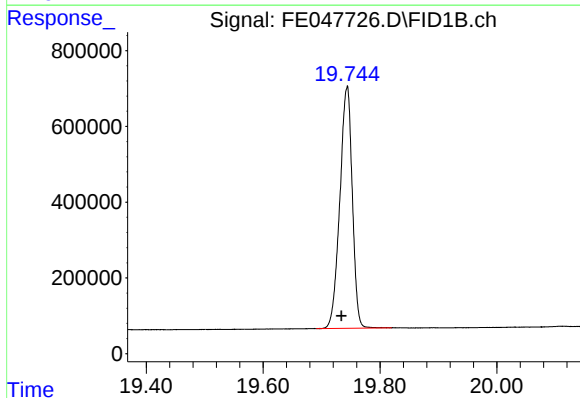
R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 9127076
Conc: 53.76 ug/ml

Instrument :
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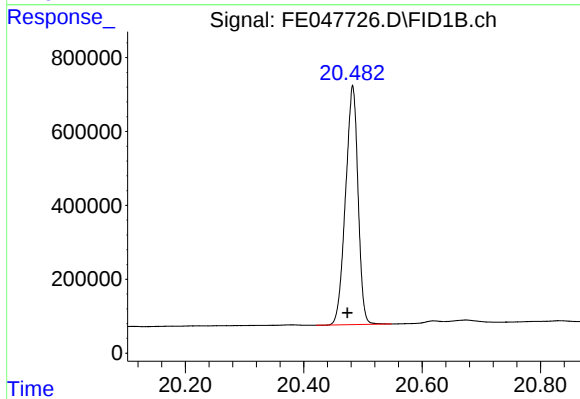
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.006 min
Response: 9100376
Conc: 54.57 ug/ml



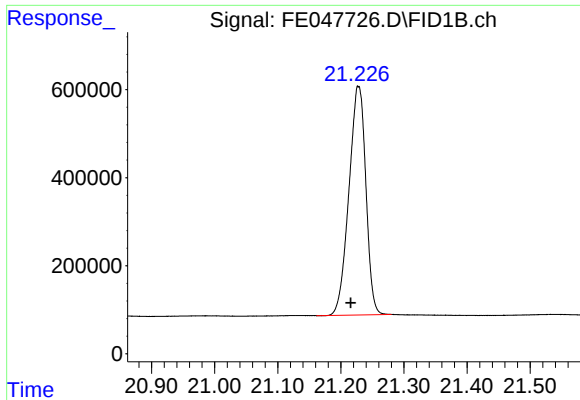
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.010 min
Response: 9442973
Conc: 58.88 ug/ml



#20 n-Hexatriacontane (C36)

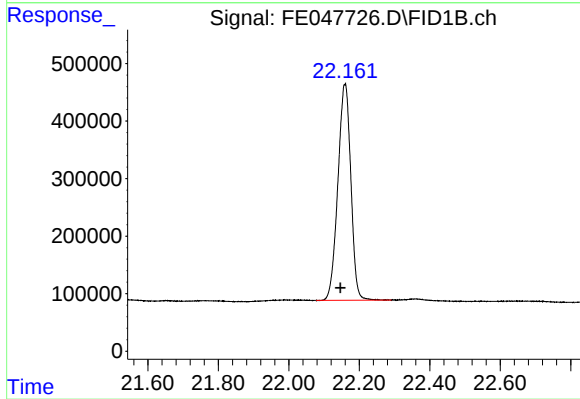
R.T.: 20.483 min
Delta R.T.: 0.009 min
Response: 9479582
Conc: 59.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.228 min
Delta R.T.: 0.012 min
Response: 9678482
Conc: 59.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160421BSD



#22 n-Tetracontane (C40)

R.T.: 22.160 min
Delta R.T.: 0.014 min
Response: 9600505
Conc: 58.64 ug/ml