

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054102.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 17:02
 Operator : YP\AJ
 Sample : Q2151-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1MS

Integration File: autoint1.e
 Quant Time: May 30 22:56:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.840	5794361	35.655 ug/ml
Spiked Amount 50.000		Recovery =	71.31%
12) S 1-chlorooctadecane (S...	13.285	4956306	41.808 ug/ml
Spiked Amount 50.000		Recovery =	83.62%
Target Compounds			
1) T n-Nonane (C9)	3.182	2928916	21.671 ug/ml
2) T n-Decane (C10)	4.447	3323097	24.592 ug/ml
3) T A~Naphthalene (C11.7)	6.162	4302874	29.940 ug/ml
4) T n-Dodecane (C12)	6.630	3753723	27.519 ug/ml
5) T A~2-methylnaphthalene...	7.264	4081133	29.422 ug/ml
6) T n-Tetradecane (C14)	8.466	4088489	30.297 ug/ml
7) T n-Hexadecane (C16)	10.078	4664939	34.572 ug/ml
8) T n-Octadecane (C18)	11.526	4900317	36.390 ug/ml
10) T n-Eicosane (C20)	12.840	5258135	40.008 ug/ml
11) T n-Heneicosane (C21)	13.454	5050832	38.959 ug/ml
13) T n-Docosane (C22)	14.041	5034801	39.465 ug/ml
14) T n-Tetracosane (C24)	15.139	10532259	84.180 ug/ml
15) T n-Hexacosane (C26)	16.171	4918646	40.168 ug/ml
16) T n-Octacosane (C28)	17.122	5058163	41.609 ug/ml
17) T n-Tricontane (C30)	18.012	4872587	39.117 ug/ml
18) T n-Dotriacontane (C32)	18.845	4809146	38.456 ug/ml
19) T n-Tetratriacontane (C34)	19.631	4930753	41.393 ug/ml
20) T n-Hexatriacontane (C36)	20.373	5064833	43.742 ug/ml
21) T n-Octatriacontane (C38)	21.102	5275717	48.479 ug/ml
22) T n-Tetracontane (C40)	21.997	5279827	53.208 ug/ml

(f)=RT Delta > 1/2 Window

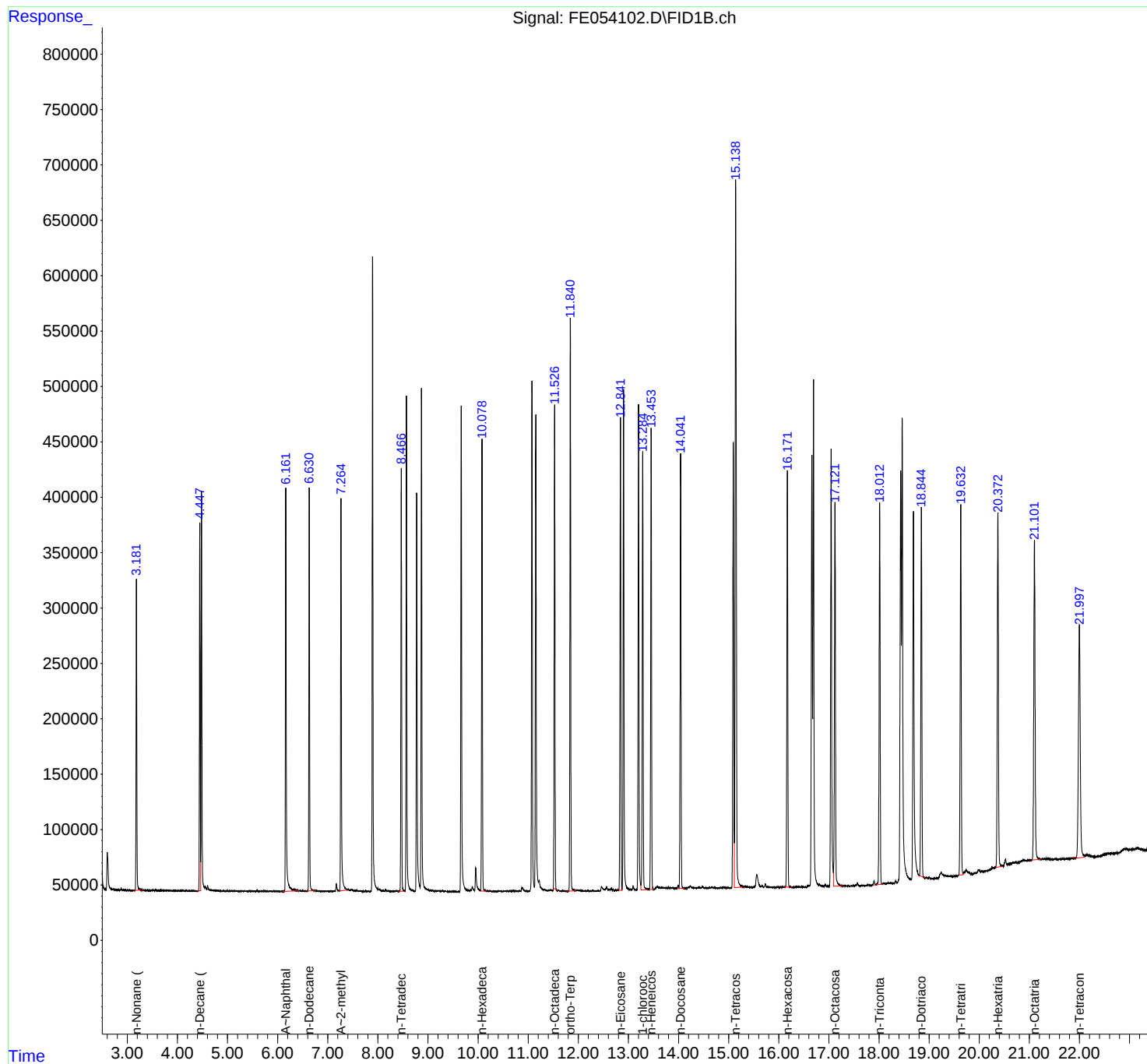
(m)=manual int.

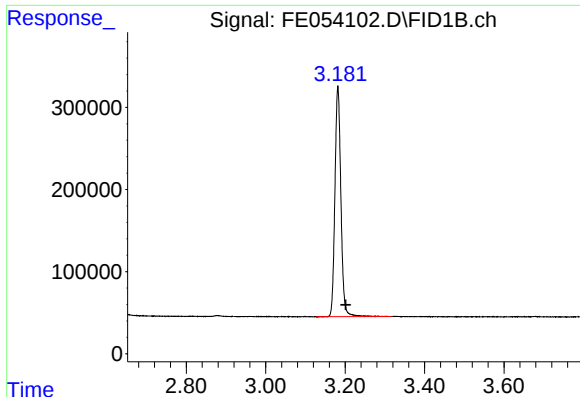
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Signal Phase : Rxi-1ms
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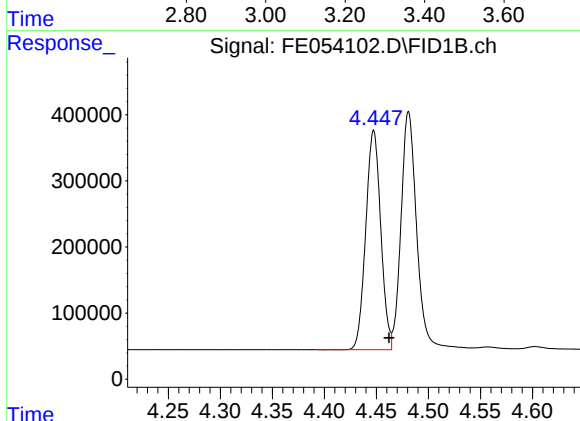




#1 n-Nonane (C9)

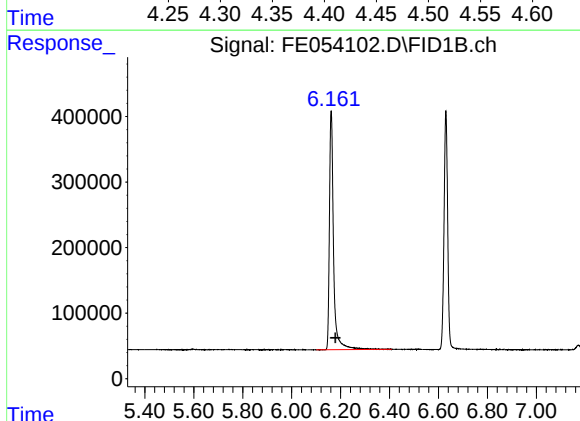
R.T.: 3.182 min
Delta R.T.: -0.020 min
Response: 2928916
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



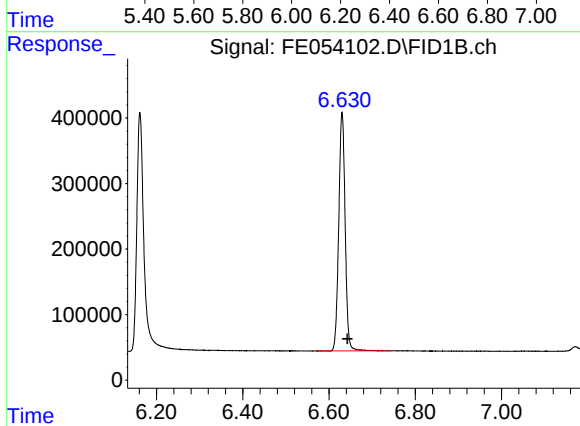
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.015 min
Response: 3323097
Conc: 24.59 ug/ml



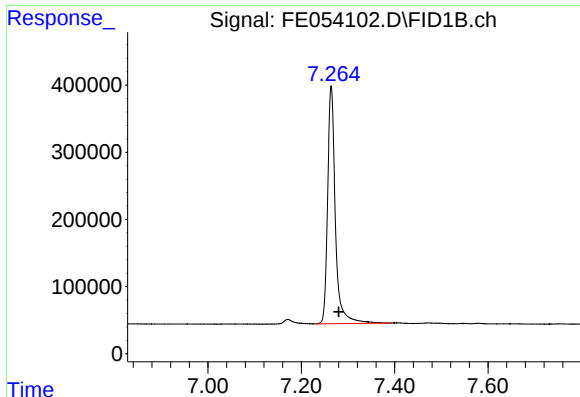
#3 A~Naphthalene (C11.7)

R.T.: 6.162 min
Delta R.T.: -0.017 min
Response: 4302874
Conc: 29.94 ug/ml



#4 n-Dodecane (C12)

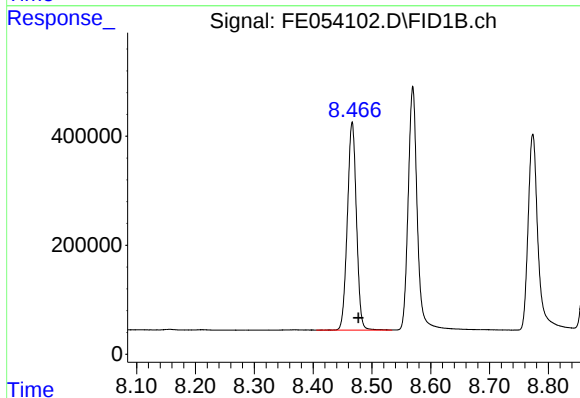
R.T.: 6.630 min
Delta R.T.: -0.012 min
Response: 3753723
Conc: 27.52 ug/ml



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

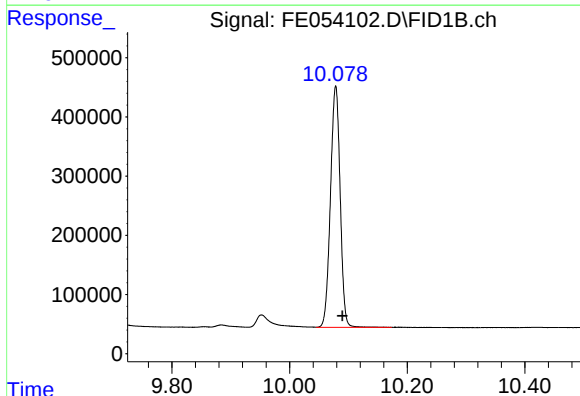
R.T.: 7.264 min
Delta R.T.: -0.016 min
Response: 4081133
Conc: 29.42 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



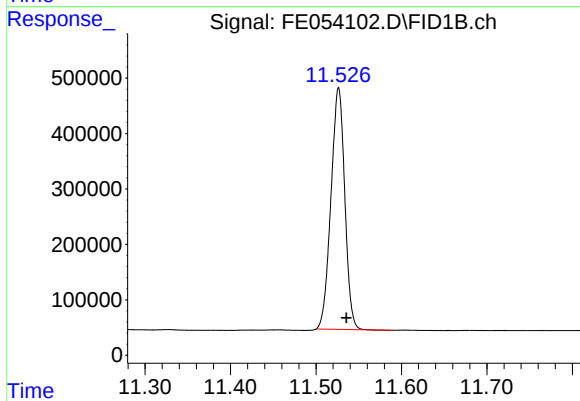
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.011 min
Response: 4088489
Conc: 30.30 ug/ml



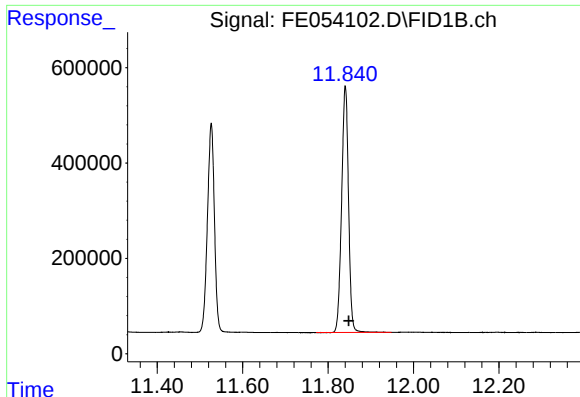
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.011 min
Response: 4664939
Conc: 34.57 ug/ml



#8 n-Octadecane (C18)

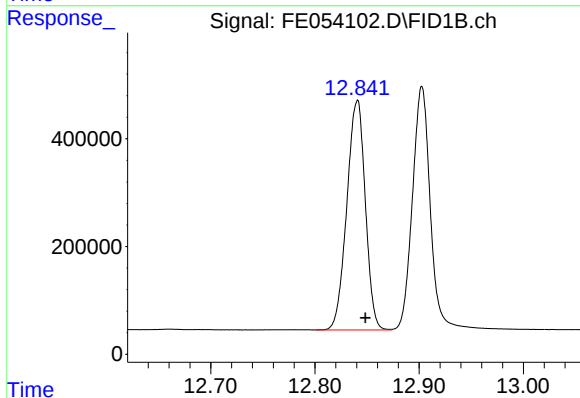
R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 4900317
Conc: 36.39 ug/ml



#9 ortho-Terphenyl (SURR)

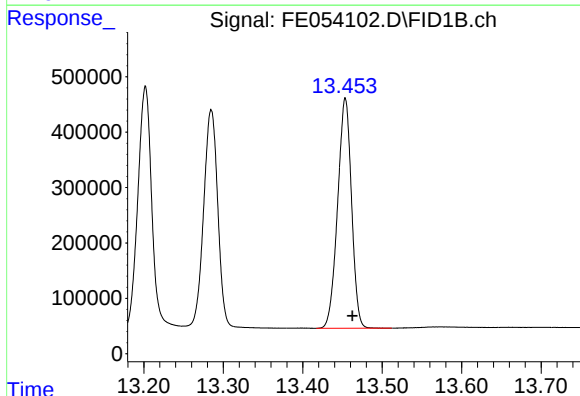
R.T.: 11.840 min
Delta R.T.: -0.008 min
Response: 5794361
Conc: 35.65 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



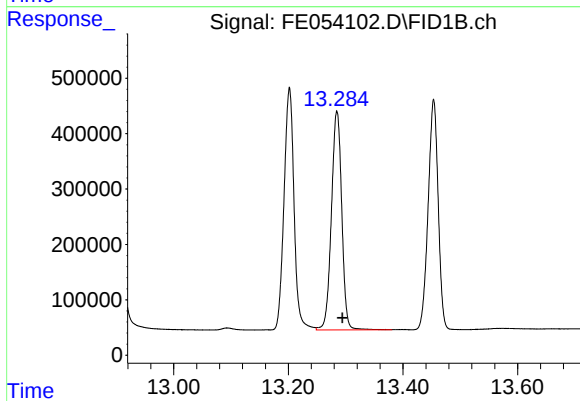
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.008 min
Response: 5258135
Conc: 40.01 ug/ml



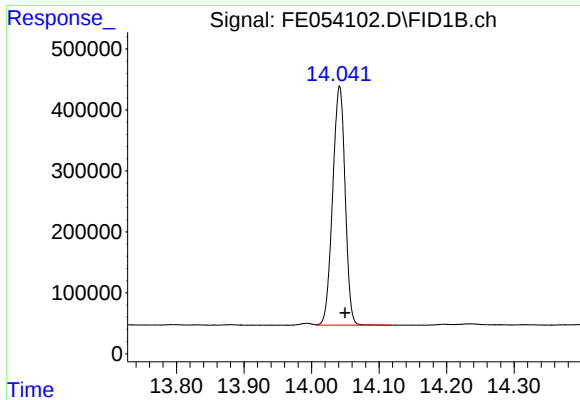
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 5050832
Conc: 38.96 ug/ml



#12 1-chlorooctadecane (SURR)

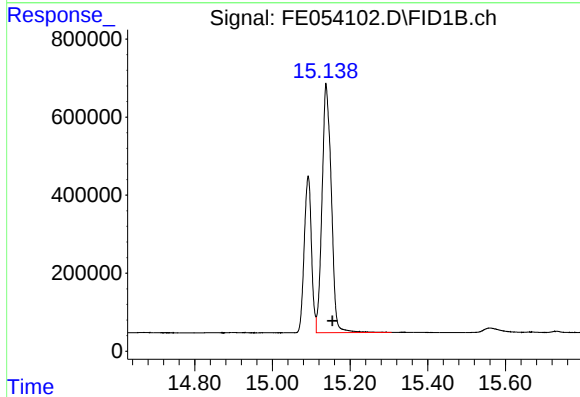
R.T.: 13.285 min
Delta R.T.: -0.010 min
Response: 4956306
Conc: 41.81 ug/ml



#13 n-Docosane (C22)

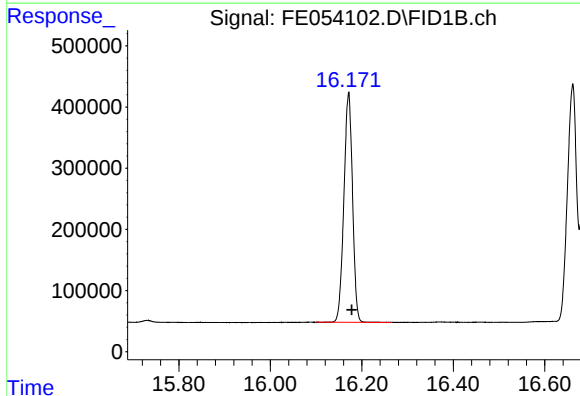
R.T.: 14.041 min
Delta R.T.: -0.008 min
Response: 5034801
Conc: 39.47 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



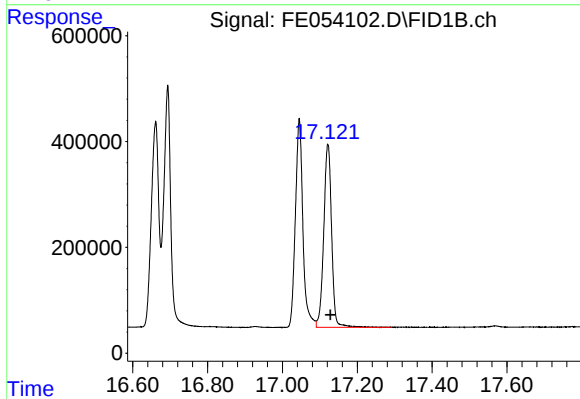
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.016 min
Response: 10532259
Conc: 84.18 ug/ml



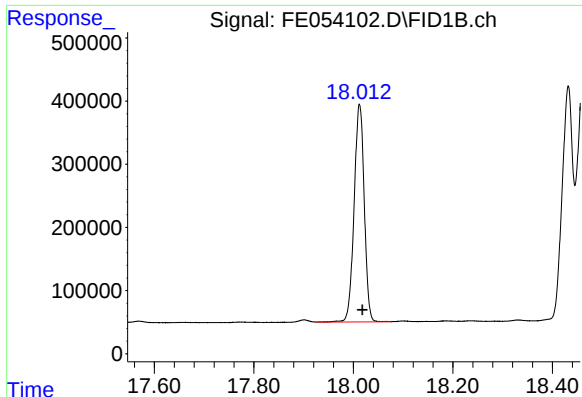
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.007 min
Response: 4918646
Conc: 40.17 ug/ml



#16 n-Octacosane (C28)

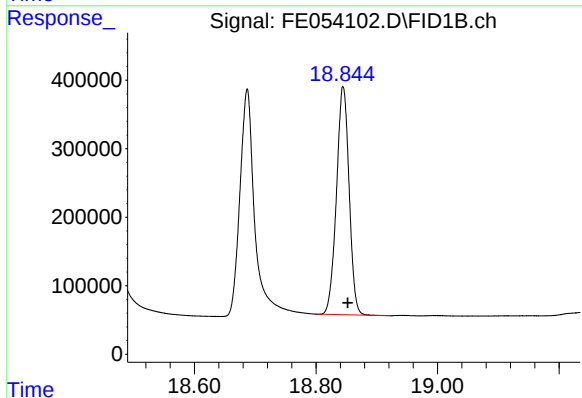
R.T.: 17.122 min
Delta R.T.: -0.007 min
Response: 5058163
Conc: 41.61 ug/ml



#17 n-Tricontane (C30)

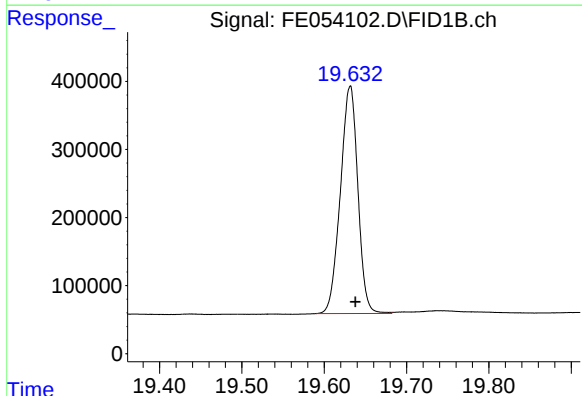
R.T.: 18.012 min
Delta R.T.: -0.005 min
Response: 4872587
Conc: 39.12 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



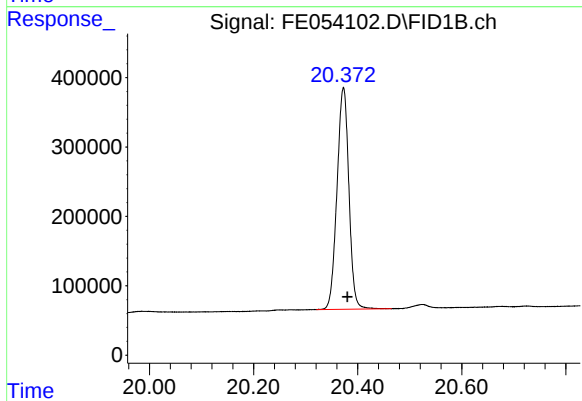
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 4809146
Conc: 38.46 ug/ml



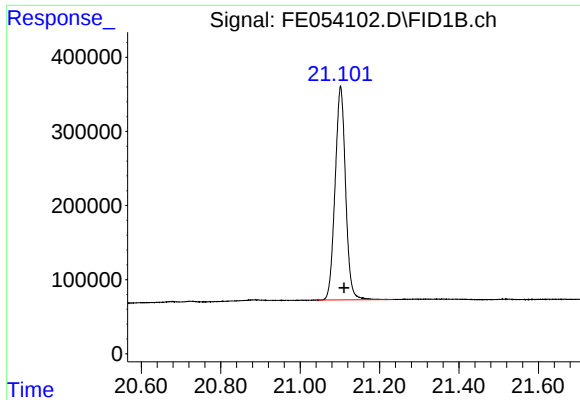
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.006 min
Response: 4930753
Conc: 41.39 ug/ml



#20 n-Hexatriacontane (C36)

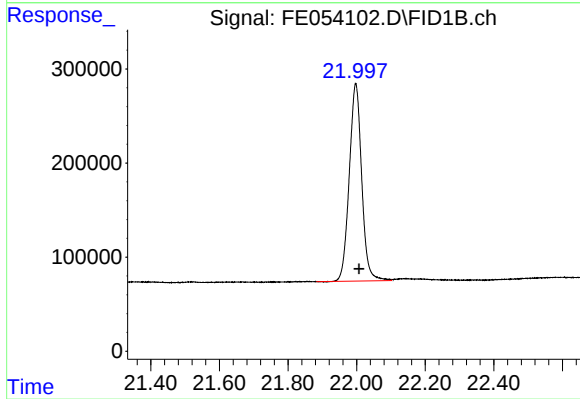
R.T.: 20.373 min
Delta R.T.: -0.008 min
Response: 5064833
Conc: 43.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.009 min
Response: 5275717
Conc: 48.48 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-1MS



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.009 min
Response: 5279827
Conc: 53.21 ug/ml