

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048957.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 16:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 25 05:54:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:52:04 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)	11.239	3980701	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.682	3024945	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.107	3263352	20.000 ug/ml
2) T n-Decane (C10)	4.151	3330837	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3546562	20.000 ug/ml
4) T n-Dodecane (C12)	6.143	3383503	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.744	3392892	20.000 ug/ml
6) T n-Tetradecane (C14)	7.923	3388926	20.000 ug/ml
7) T n-Hexadecane (C16)	9.513	3548037	20.000 ug/ml
8) T n-Octadecane (C18)	10.944	3629555	20.000 ug/ml
10) T n-Eicosane (C20)	12.245	3537484	20.000 ug/ml
11) T n-Heneicosane (C21)	12.853	3493600	20.000 ug/ml
13) T n-Docosane (C22)	13.436	3482968	20.000 ug/ml
14) T n-Tetracosane (C24)	14.533	3480775	20.000 ug/ml
15) T n-Hexacosane (C26)	15.548	3422317	20.000 ug/ml
16) T n-Octacosane (C28)	16.493	3377786	20.000 ug/ml
17) T n-Tricontane (C30)	17.375	3441663	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.203	3278250	20.000 ug/ml
19) T n-Tetratriacontane (C34)	18.982	2783794	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.717	2319303	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.414	2098483	20.000 ug/ml
22) T n-Tetracontane (C40)	21.190	1942110	20.000 ug/ml

(f)=RT Delta > 1/2 Window

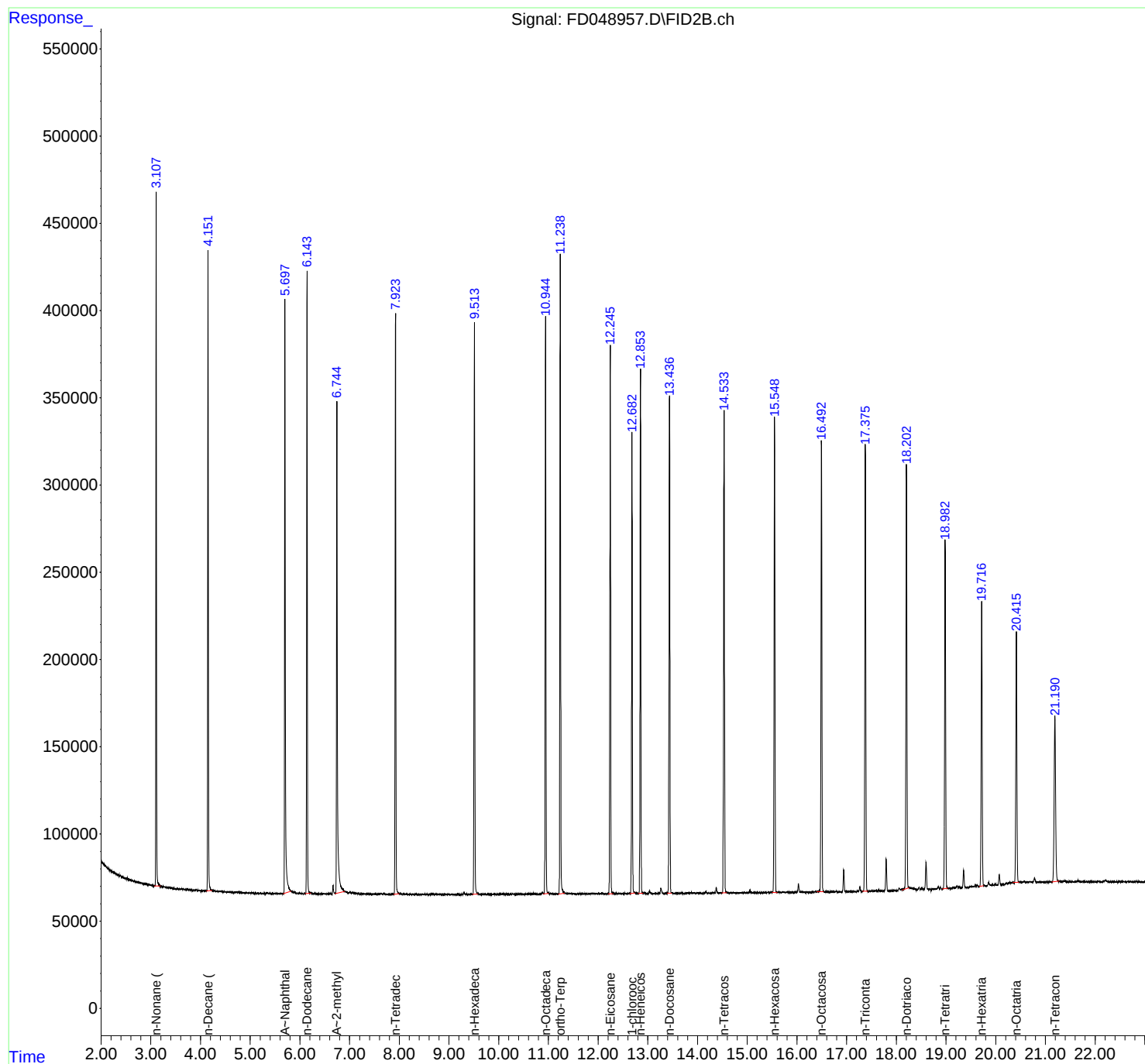
(m)=manual int.

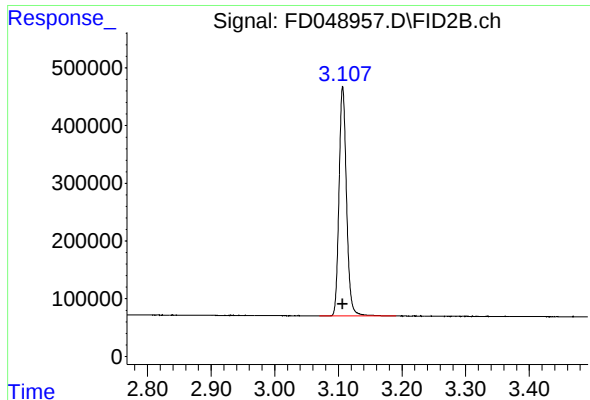
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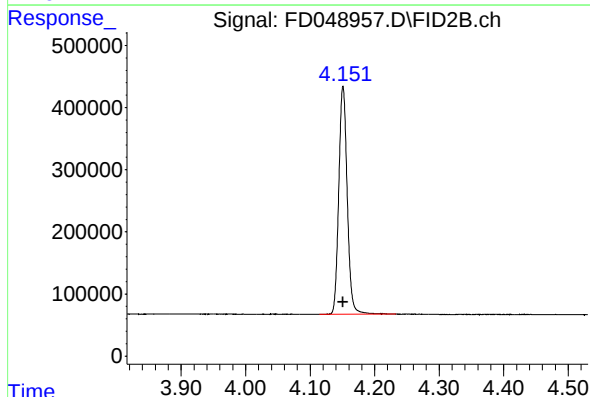




#1 n-Nonane (C9)

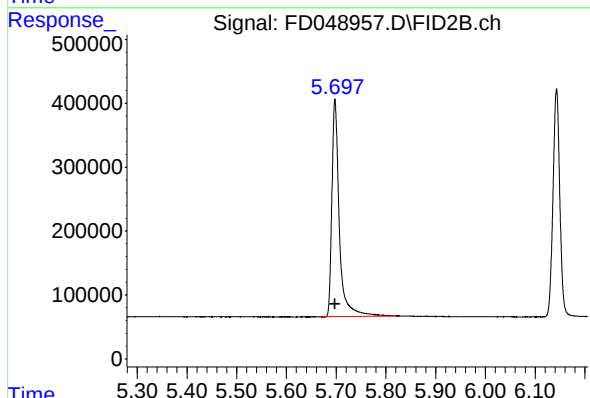
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 3263352
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



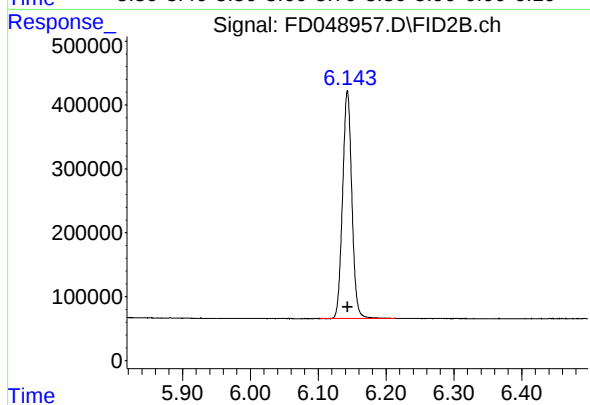
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3330837
Conc: 20.00 ug/ml



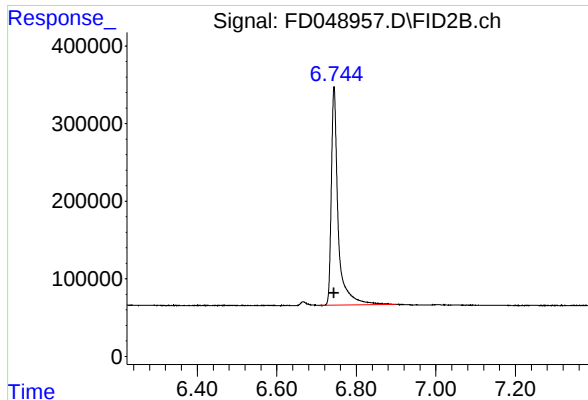
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3546562
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

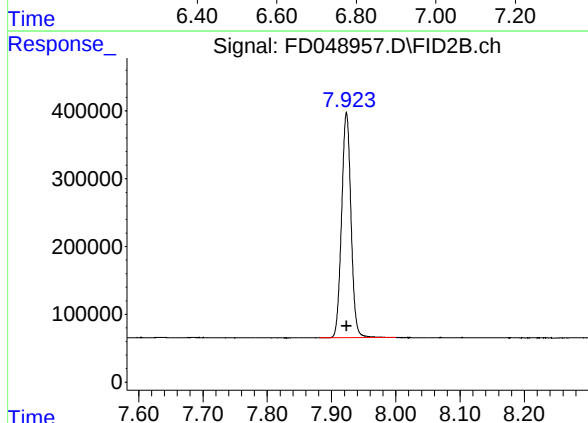
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3383503
Conc: 20.00 ug/ml



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

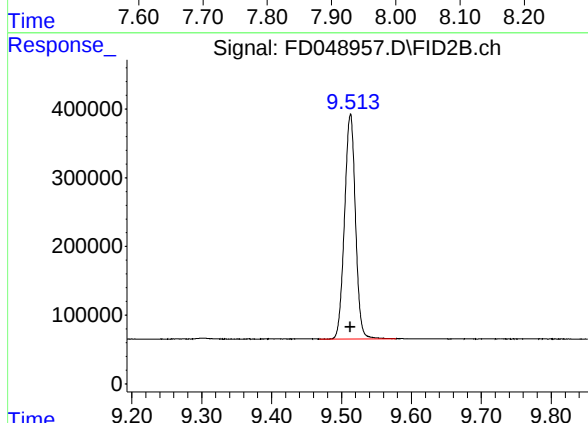
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3392892
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



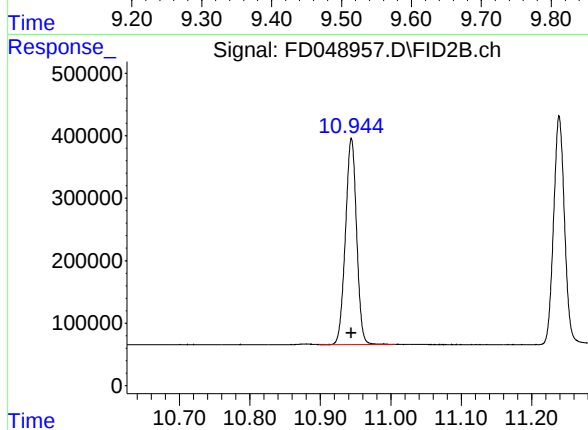
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 3388926
Conc: 20.00 ug/ml



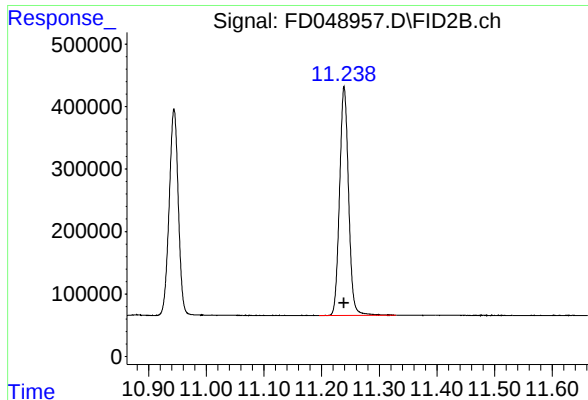
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 3548037
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

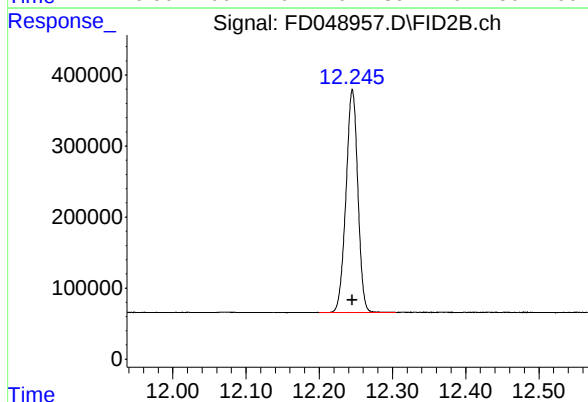
R.T.: 10.944 min
Delta R.T.: 0.000 min
Response: 3629555
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

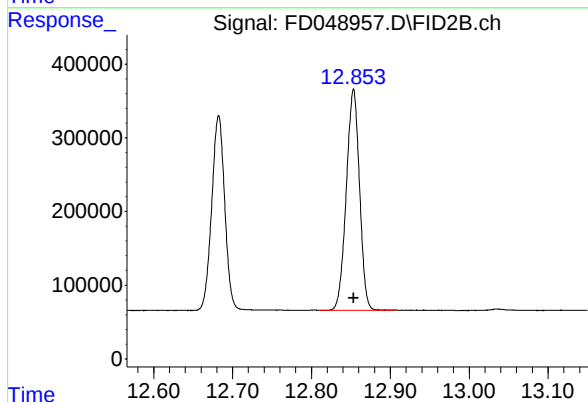
R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 3980701
Conc: 20.00 ug/ml

Instrument :
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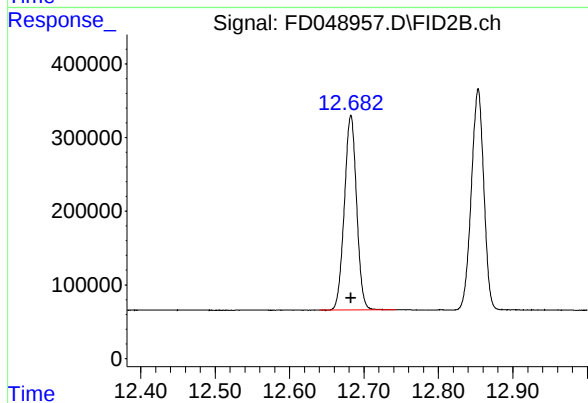
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: 0.000 min
Response: 3537484
Conc: 20.00 ug/ml



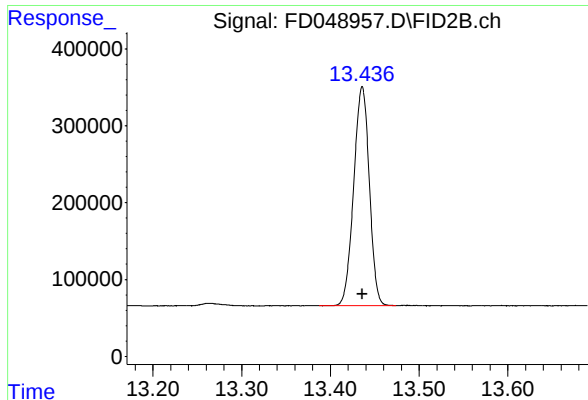
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 3493600
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

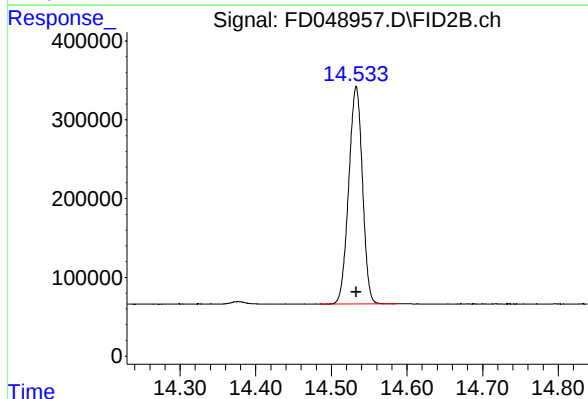
R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3024945
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

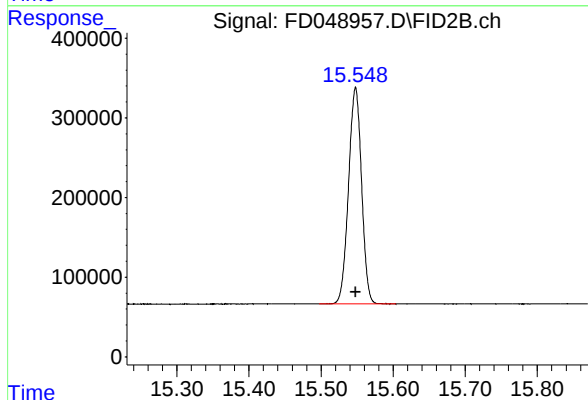
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 3482968
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



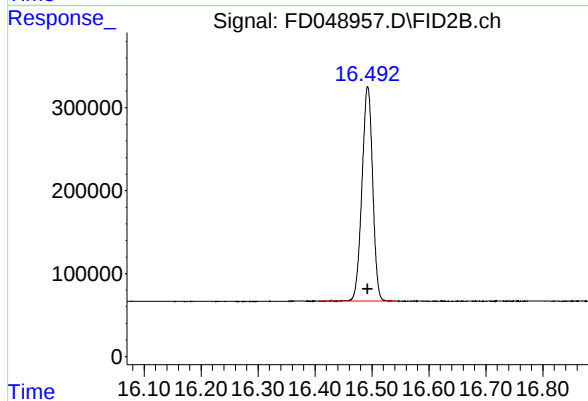
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: 0.000 min
Response: 3480775
Conc: 20.00 ug/ml



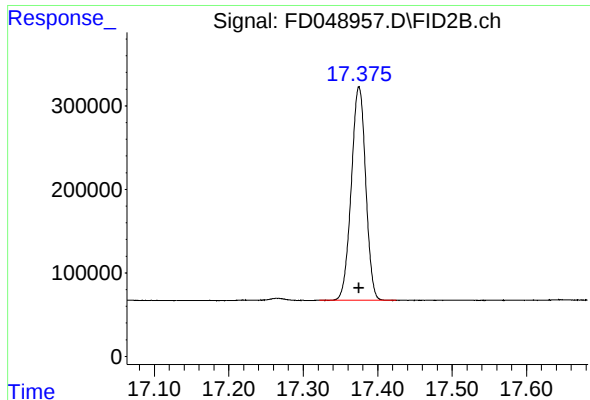
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: 0.000 min
Response: 3422317
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

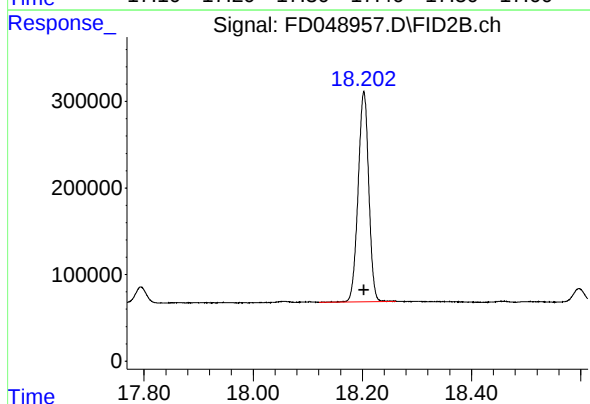
R.T.: 16.493 min
Delta R.T.: 0.000 min
Response: 3377786
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

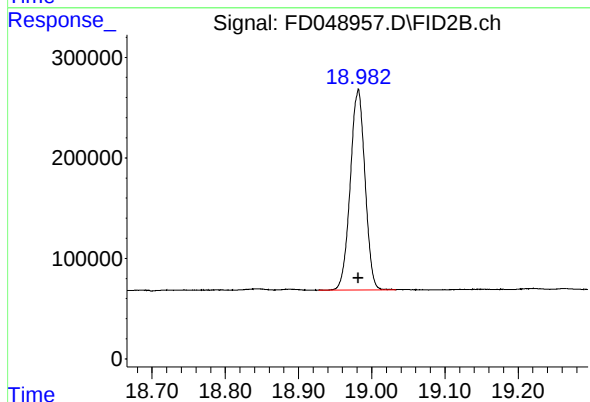
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 3441663
Conc: 20.00 ug/ml

Instrument :
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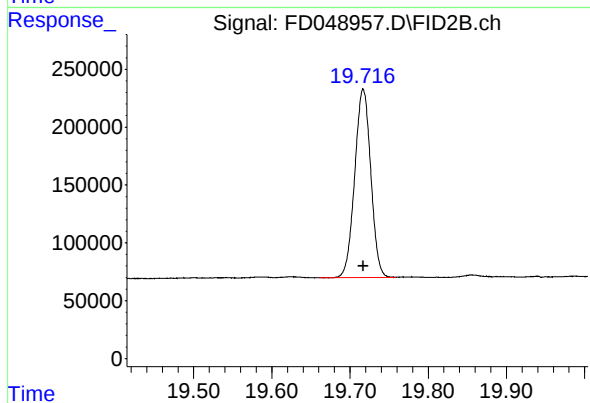
#18 n-Dotriacontane (C32)

R.T.: 18.203 min
Delta R.T.: 0.000 min
Response: 3278250
Conc: 20.00 ug/ml



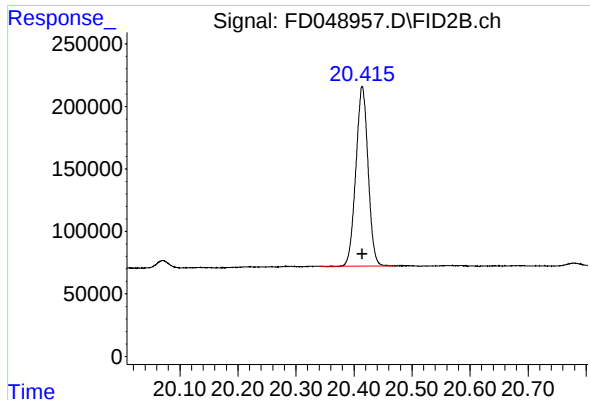
#19 n-Tetratriacontane (C34)

R.T.: 18.982 min
Delta R.T.: 0.000 min
Response: 2783794
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

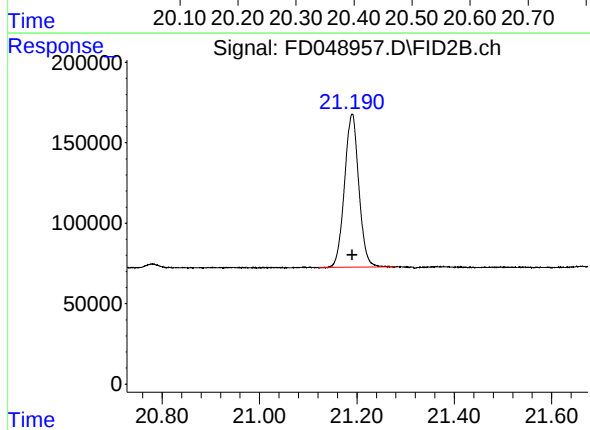
R.T.: 19.717 min
Delta R.T.: 0.000 min
Response: 2319303
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: 0.000 min
Response: 2098483
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: 0.000 min
Response: 1942110
Conc: 20.00 ug/ml