

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091523AL\
 Data File : FD046497.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 03:14
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 15 04:47:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 04:46:37 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)	11.383	4365693	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.817	3239219	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.220	3401933	20.000 ug/ml
2) T n-Decane (C10)	4.272	3471760	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.831	3866370	20.000 ug/ml
4) T n-Dodecane (C12)	6.273	3488575	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.880	3728429	20.000 ug/ml
6) T n-Tetradecane (C14)	8.057	3467411	20.000 ug/ml
7) T n-Hexadecane (C16)	9.647	3635073	20.000 ug/ml
8) T n-Octadecane (C18)	11.080	3763874	20.000 ug/ml
10) T n-Eicosane (C20)	12.379	3708562	20.000 ug/ml
11) T n-Heneicosane (C21)	12.987	3691665	20.000 ug/ml
13) T n-Docosane (C22)	13.568	3706491	20.000 ug/ml
14) T n-Tetracosane (C24)	14.663	3756017	20.000 ug/ml
15) T n-Hexacosane (C26)	15.676	3679311	20.000 ug/ml
16) T n-Octacosane (C28)	16.618	3565837	20.000 ug/ml
17) T n-Tricontane (C30)	17.499	3543225	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.323	3371310	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.100	3341748	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.834	2913329	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.531	2773474	20.000 ug/ml
22) T n-Tetracontane (C40)	21.345	2627345	20.000 ug/ml

(f)=RT Delta > 1/2 Window

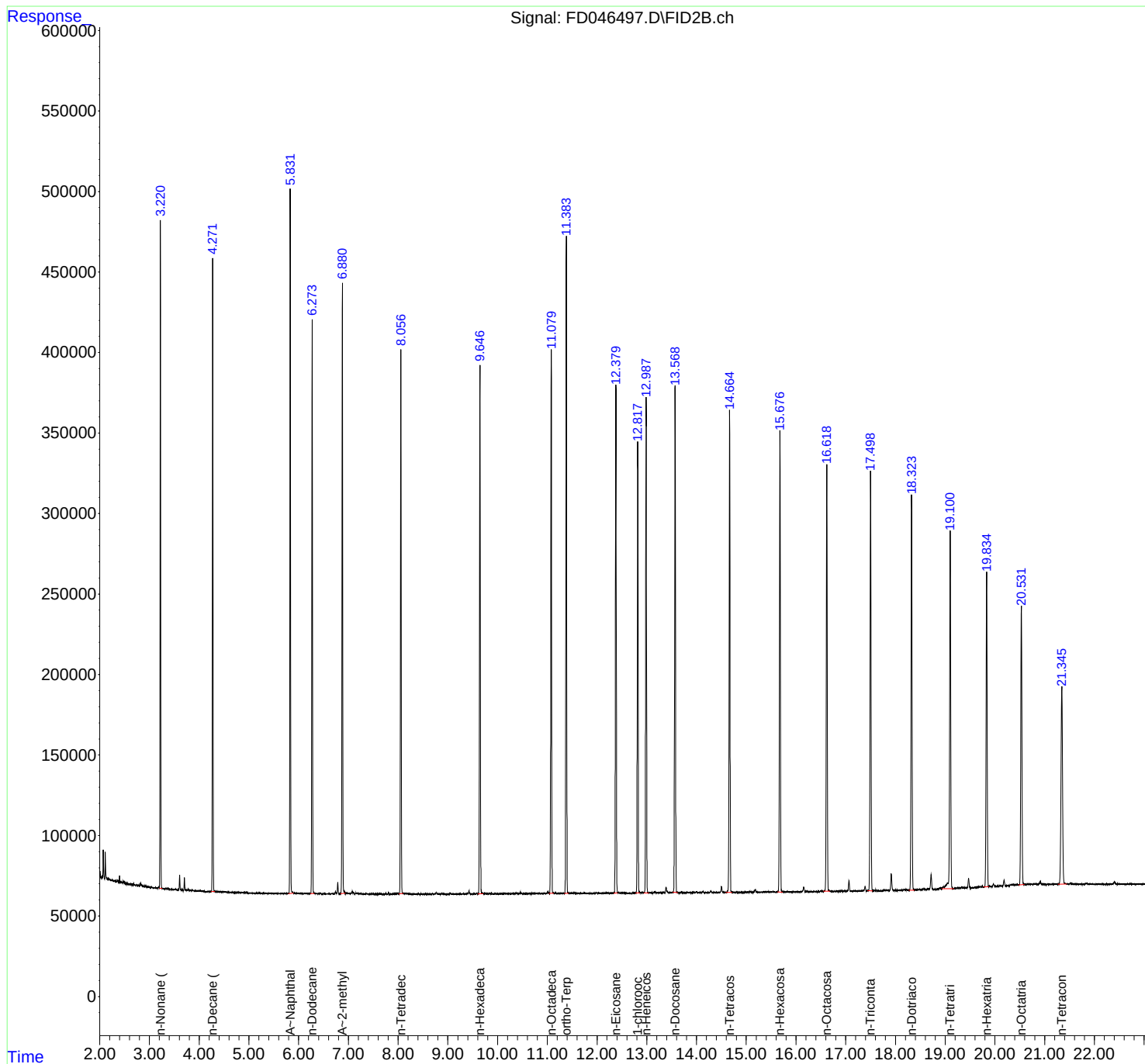
(m)=manual int.

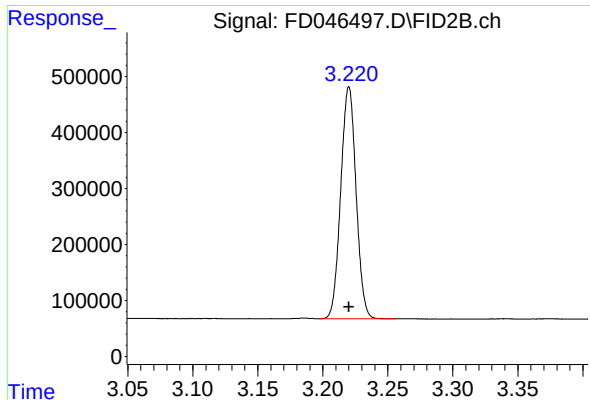
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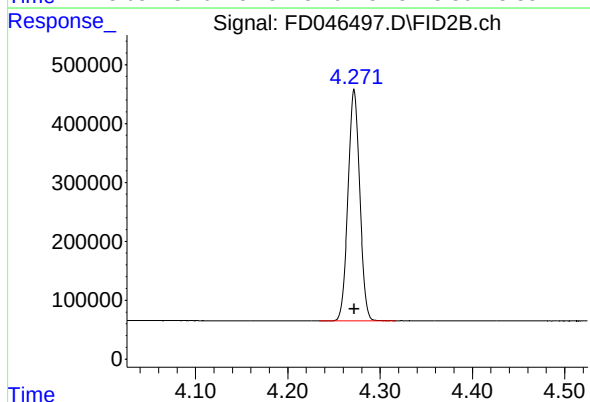




#1 n-Nonane (C9)

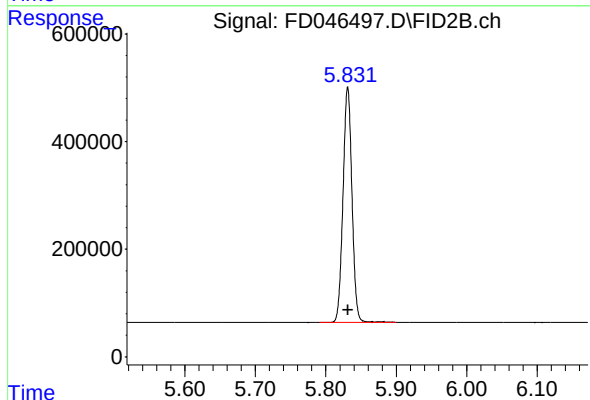
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 3401933
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



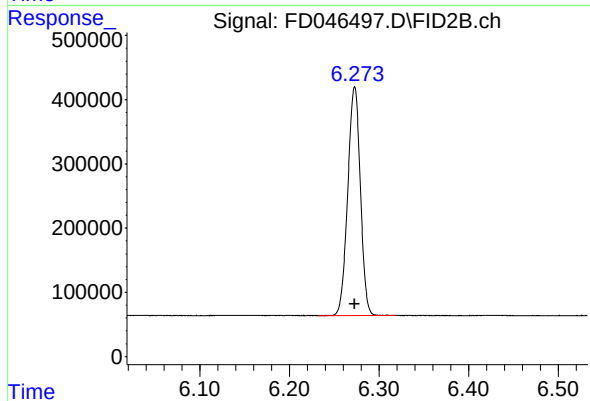
#2 n-Decane (C10)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 3471760
Conc: 20.00 ug/ml



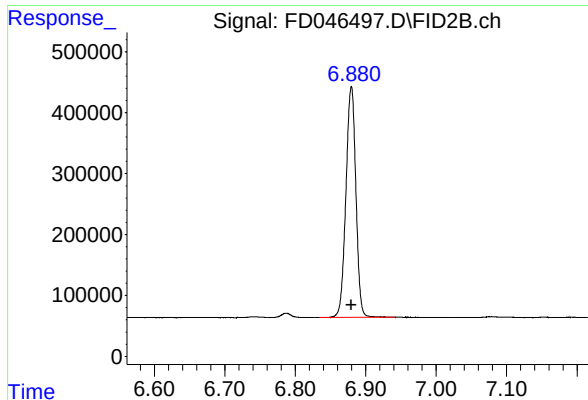
#3 A~Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 3866370
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

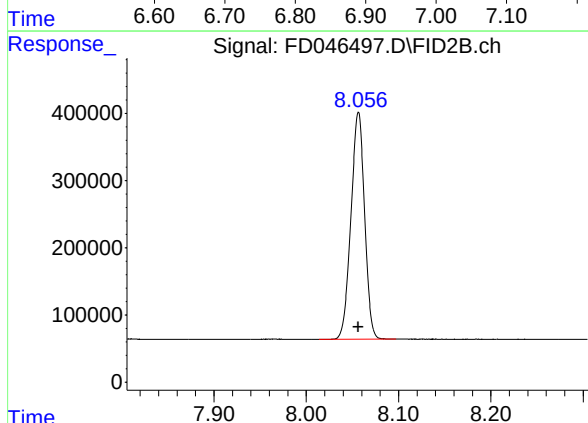
R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 3488575
Conc: 20.00 ug/ml



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

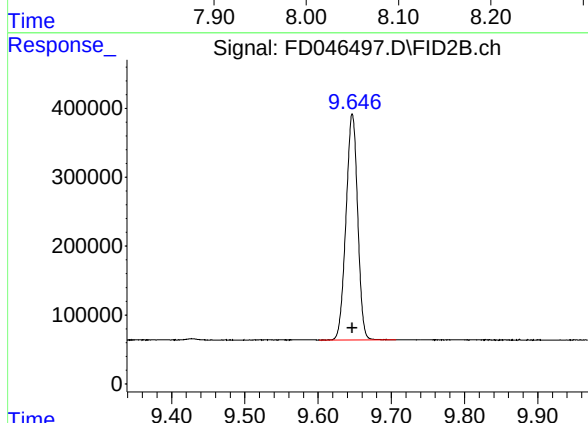
R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 3728429
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD3



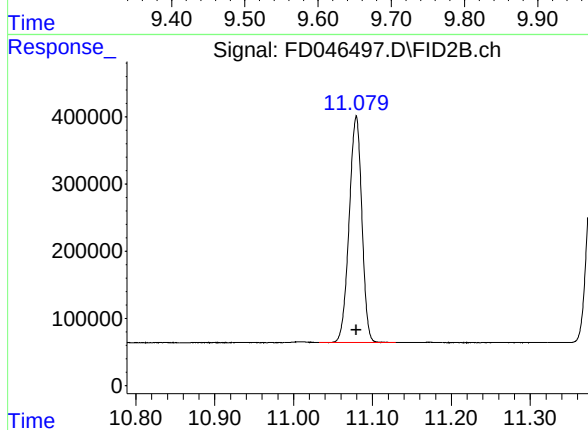
#6 n-Tetradecane (C14)

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 3467411
Conc: 20.00 ug/ml



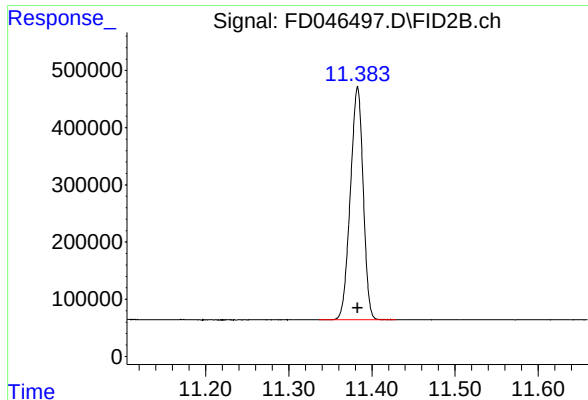
#7 n-Hexadecane (C16)

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 3635073
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

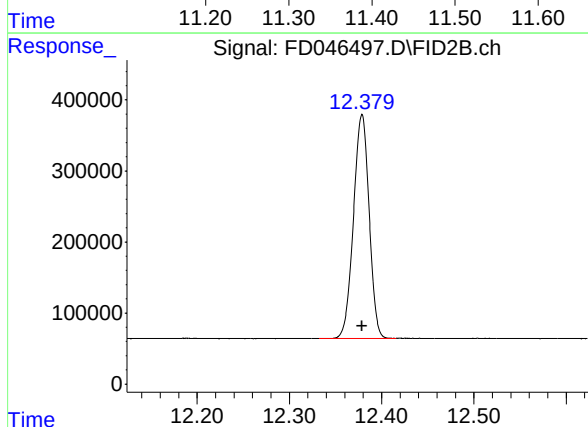
R.T.: 11.080 min
Delta R.T.: 0.000 min
Response: 3763874
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

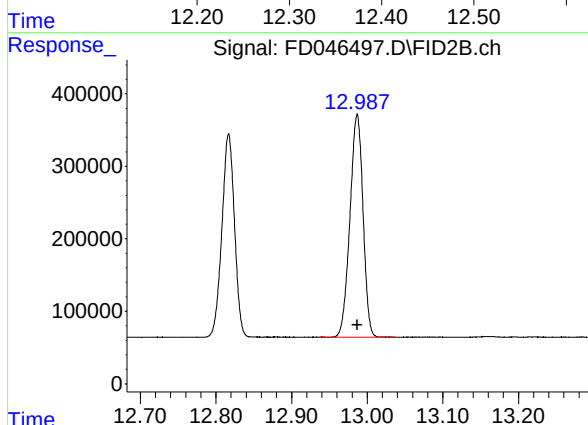
R.T.: 11.383 min
Delta R.T.: 0.000 min
Response: 4365693
Conc: 20.00 ug/ml

Instrument :
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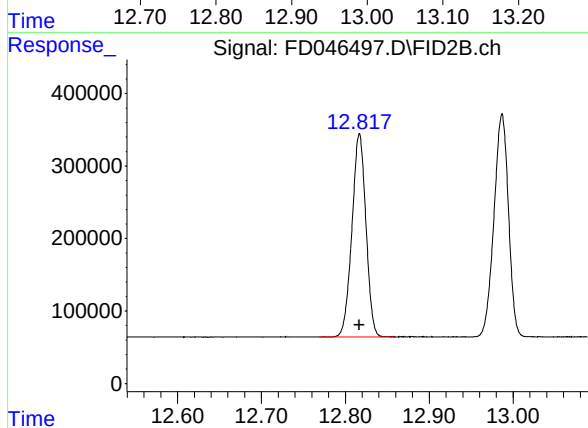
#10 n-Eicosane (C20)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 3708562
Conc: 20.00 ug/ml



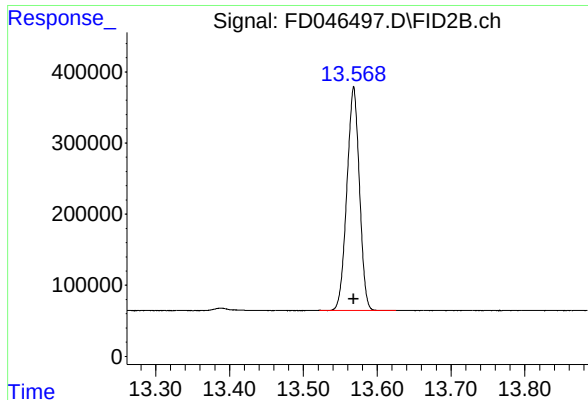
#11 n-Heneicosane (C21)

R.T.: 12.987 min
Delta R.T.: 0.000 min
Response: 3691665
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

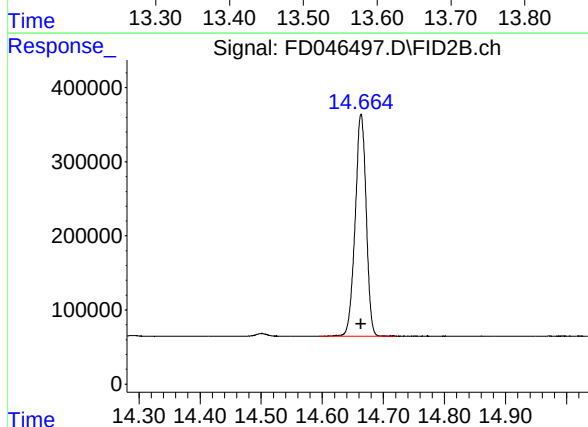
R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 3239219
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

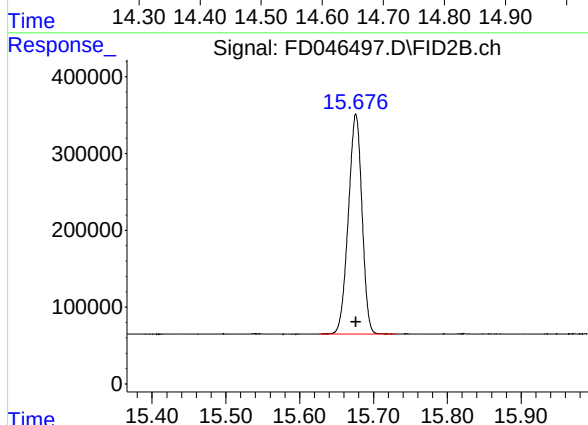
R.T.: 13.568 min
Delta R.T.: 0.000 min
Response: 3706491
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



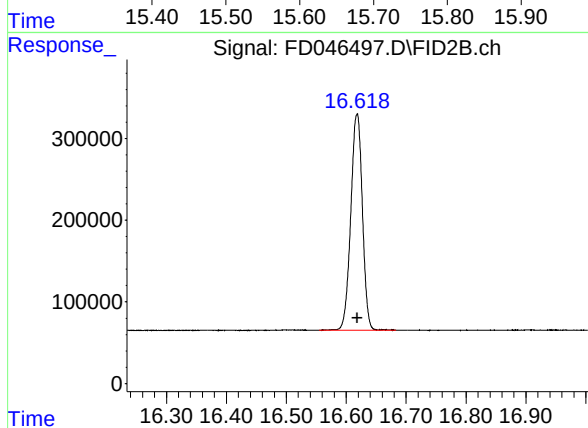
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.000 min
Response: 3756017
Conc: 20.00 ug/ml



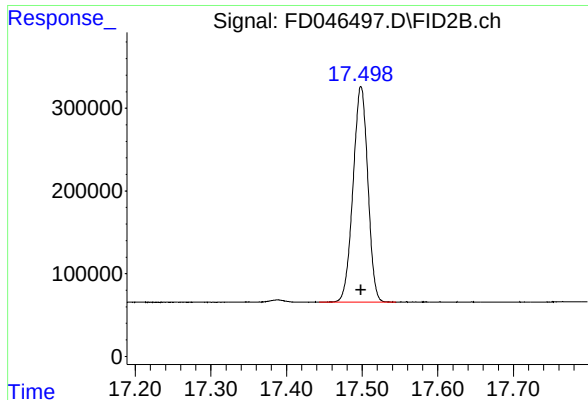
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.000 min
Response: 3679311
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

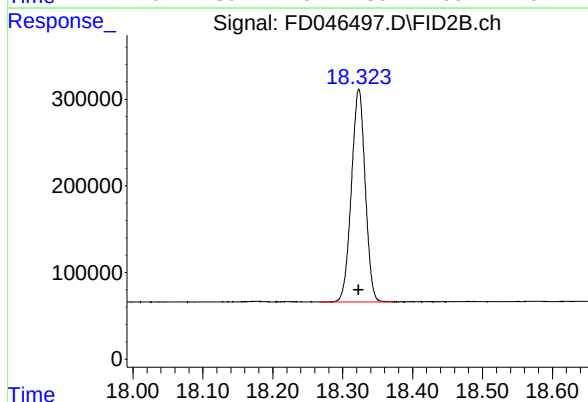
R.T.: 16.618 min
Delta R.T.: 0.000 min
Response: 3565837
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

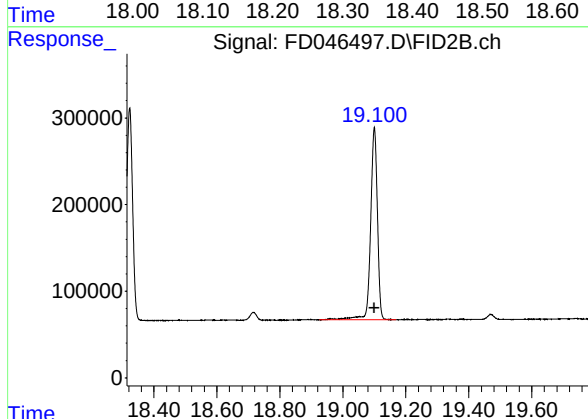
R.T.: 17.499 min
Delta R.T.: 0.000 min
Response: 3543225
Conc: 20.00 ug/ml

Instrument :
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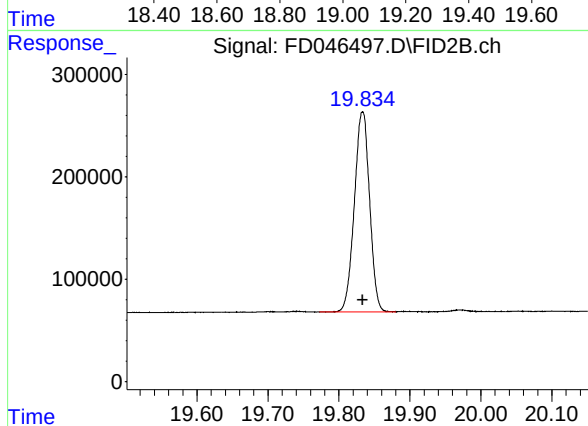
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.000 min
Response: 3371310
Conc: 20.00 ug/ml



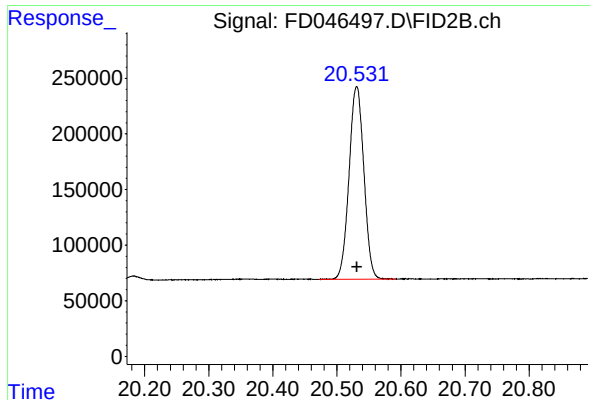
#19 n-Tetatriacontane (C34)

R.T.: 19.100 min
Delta R.T.: 0.000 min
Response: 3341748
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

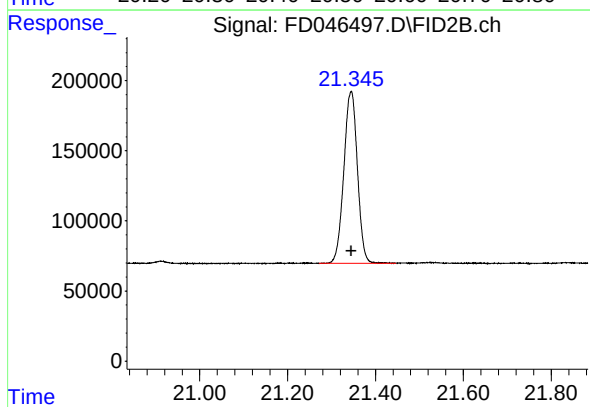
R.T.: 19.834 min
Delta R.T.: 0.000 min
Response: 2913329
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 2773474
Conc: 20.00 ug/ml

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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 2627345
Conc: 20.00 ug/ml