

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AL\
 Data File : FD048962.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 19:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 25 05:58:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 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)	11.240	3953661	20.475 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
12) S 1-chlorooctadecane (S...	12.682	3025523	20.612 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
Target Compounds			
1) T n-Nonane (C9)	3.106	3251262	20.330 ug/ml
2) T n-Decane (C10)	4.151	3318373	20.351 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3537778	20.702 ug/ml
4) T n-Dodecane (C12)	6.144	3390900	20.474 ug/ml
5) T A~2-methylnaphthalene...	6.744	3417196	21.199 ug/ml
6) T n-Tetradecane (C14)	7.923	3391275	20.513 ug/ml
7) T n-Hexadecane (C16)	9.512	3545970	20.565 ug/ml
8) T n-Octadecane (C18)	10.944	3618570	20.522 ug/ml
10) T n-Eicosane (C20)	12.244	3522194	20.465 ug/ml
11) T n-Heneicosane (C21)	12.852	3478283	20.427 ug/ml
13) T n-Docosane (C22)	13.436	3476861	20.446 ug/ml
14) T n-Tetracosane (C24)	14.532	3469887	20.367 ug/ml
15) T n-Hexacosane (C26)	15.547	3412179	20.372 ug/ml
16) T n-Octacosane (C28)	16.491	3375913	20.294 ug/ml
17) T n-Tricontane (C30)	17.375	3455920	20.133 ug/ml
18) T n-Dotriacontane (C32)	18.201	3285393	20.097 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2799894	20.097 ug/ml
20) T n-Hexatriacontane (C36)	19.716	2332725	20.287 ug/ml
21) T n-Octatriacontane (C38)	20.414	2121703	20.476 ug/ml
22) T n-Tetracontane (C40)	21.188	1945006	20.295 ug/ml

(f)=RT Delta > 1/2 Window

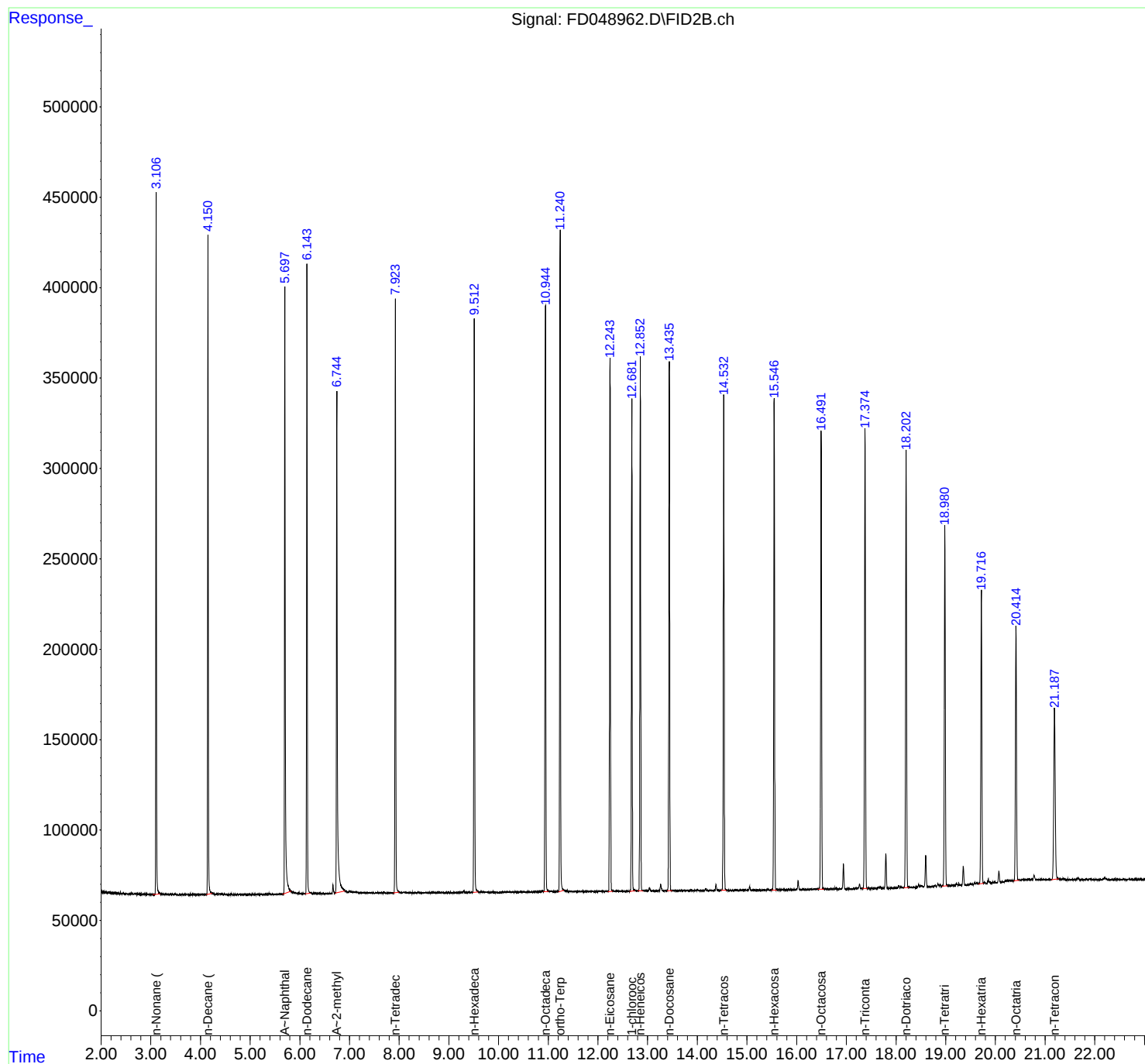
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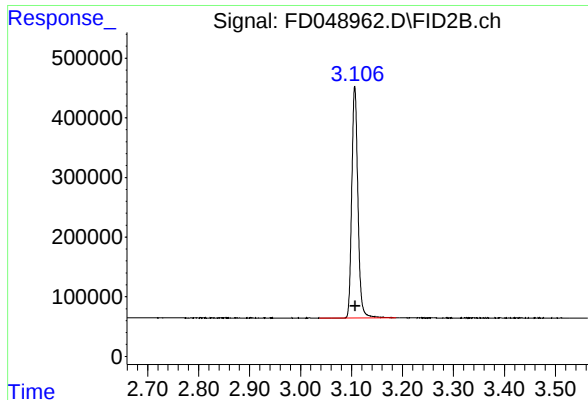
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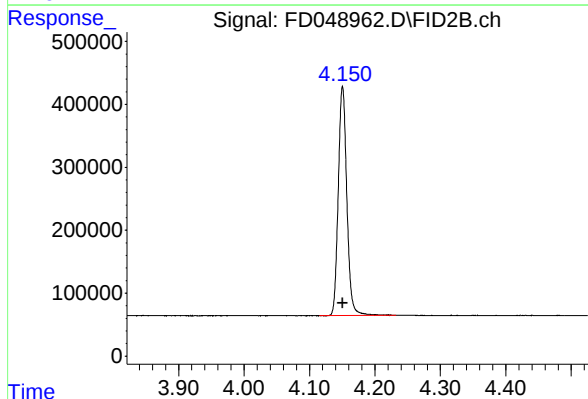




#1 n-Nonane (C9)

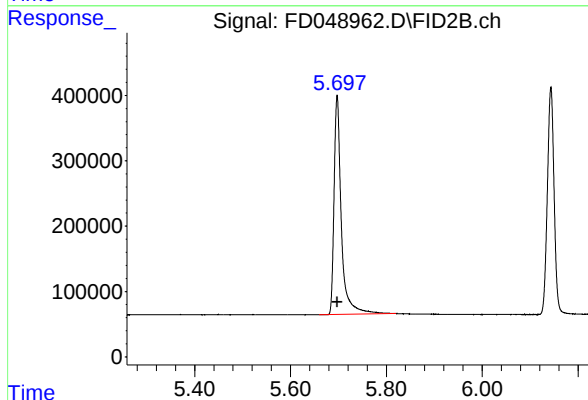
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 3251262
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



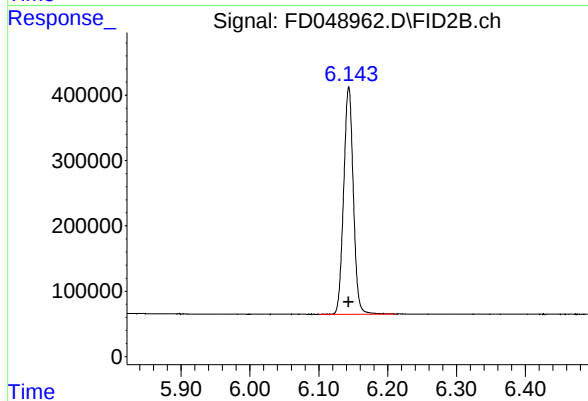
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3318373
Conc: 20.35 ug/ml



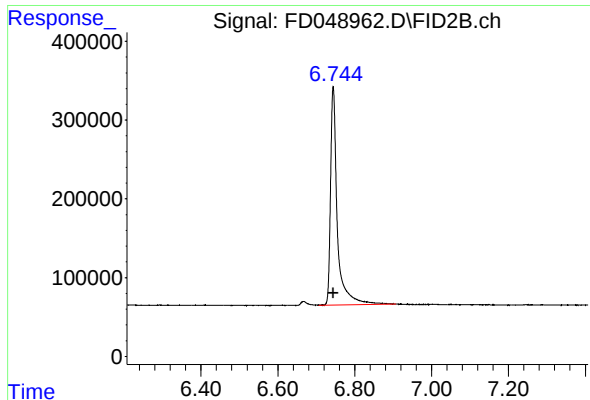
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3537778
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

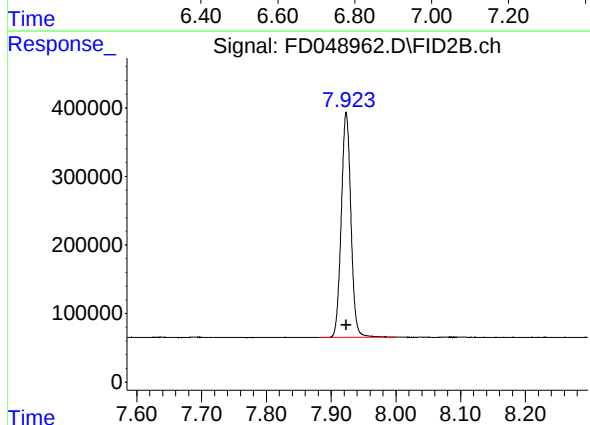
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 3390900
Conc: 20.47 ug/ml



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

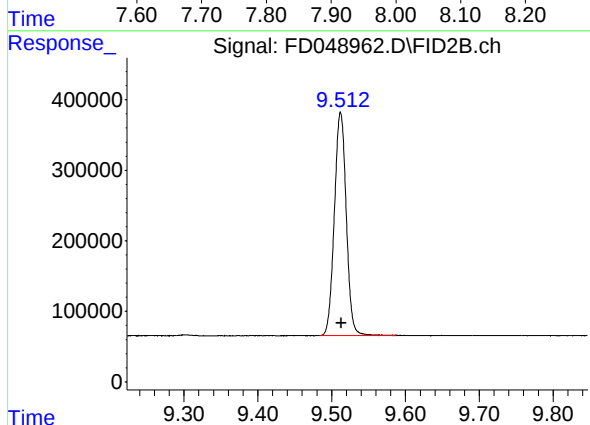
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3417196
Conc: 21.20 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



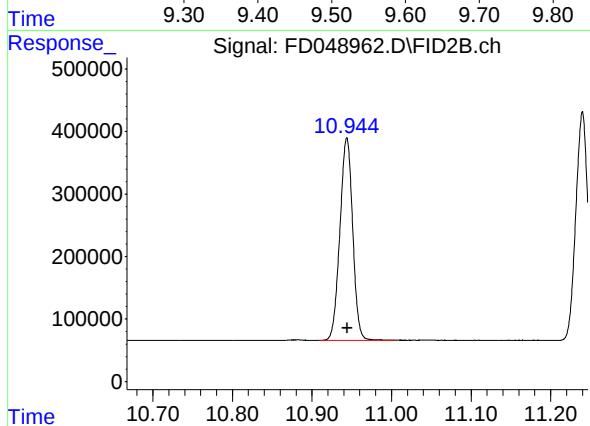
#6 n-Tetradecane (C14)

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 3391275
Conc: 20.51 ug/ml



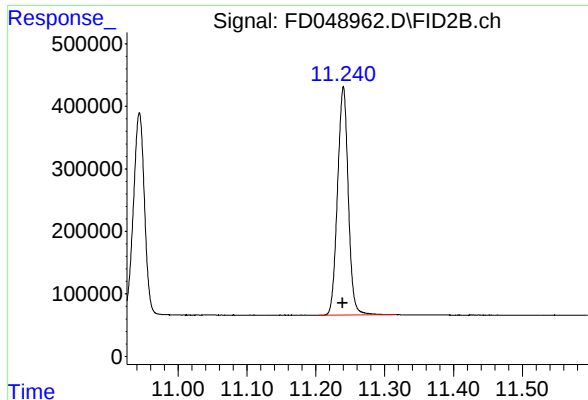
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: 0.000 min
Response: 3545970
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

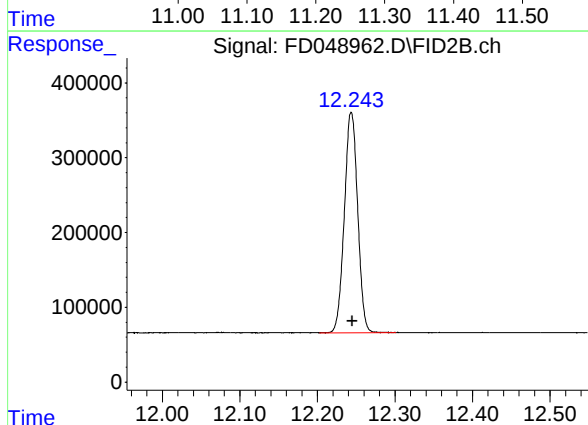
R.T.: 10.944 min
Delta R.T.: 0.000 min
Response: 3618570
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

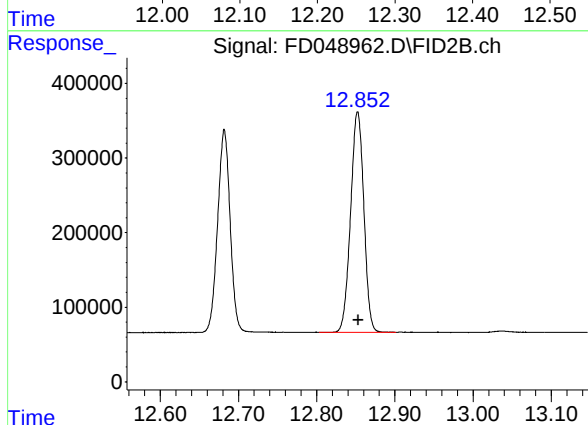
R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 3953661
Conc: 20.48 ug/ml

Instrument :
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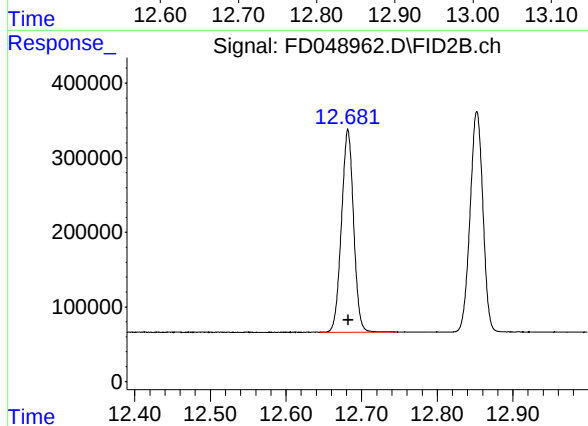
#10 n-Eicosane (C20)

R.T.: 12.244 min
Delta R.T.: -0.002 min
Response: 3522194
Conc: 20.47 ug/ml



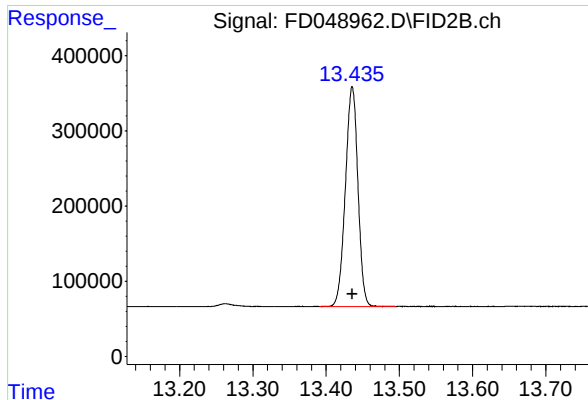
#11 n-Heneicosane (C21)

R.T.: 12.852 min
Delta R.T.: -0.001 min
Response: 3478283
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

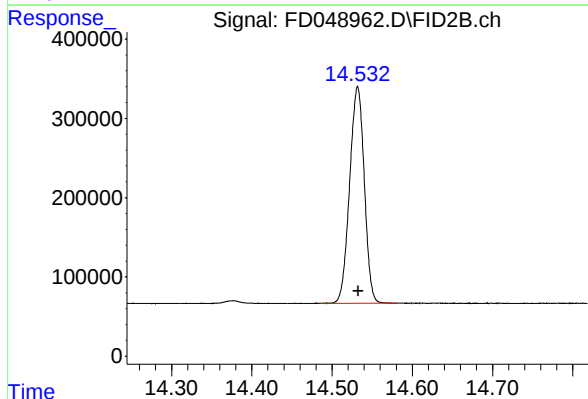
R.T.: 12.682 min
Delta R.T.: 0.000 min
Response: 3025523
Conc: 20.61 ug/ml



#13 n-Docosane (C22)

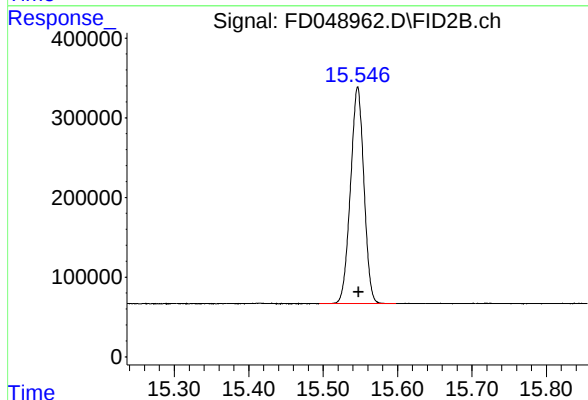
R.T.: 13.436 min
Delta R.T.: 0.000 min
Response: 3476861
Conc: 20.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



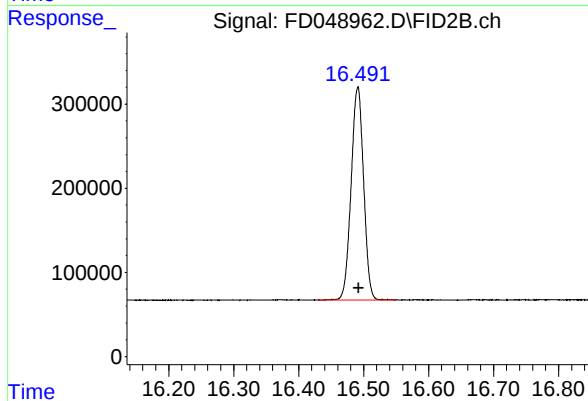
#14 n-Tetracosane (C24)

R.T.: 14.532 min
Delta R.T.: 0.000 min
Response: 3469887
Conc: 20.37 ug/ml



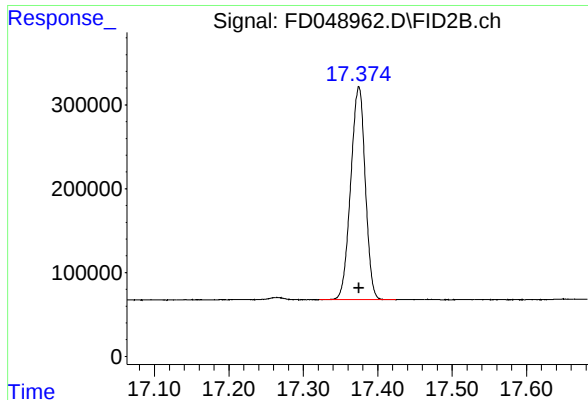
#15 n-Hexacosane (C26)

R.T.: 15.547 min
Delta R.T.: -0.001 min
Response: 3412179
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

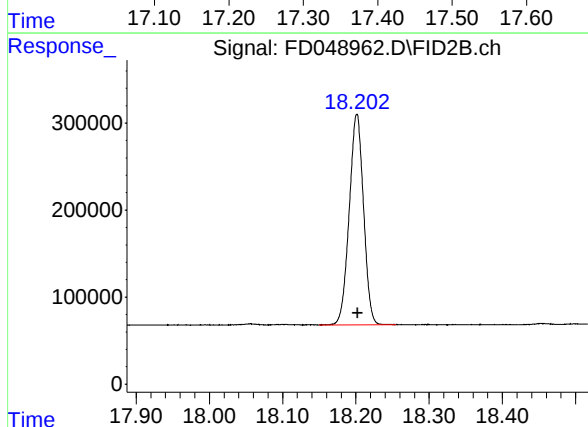
R.T.: 16.491 min
Delta R.T.: -0.001 min
Response: 3375913
Conc: 20.29 ug/ml



#17 n-Tricontane (C30)

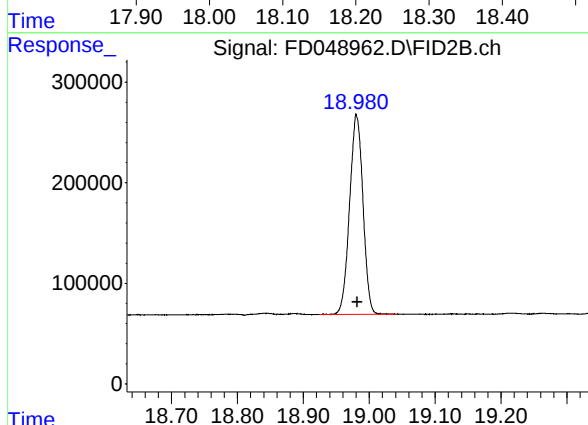
R.T.: 17.375 min
Delta R.T.: 0.000 min
Response: 3455920
Conc: 20.13 ug/ml

Instrument :
FID_D
ClientSampleId :
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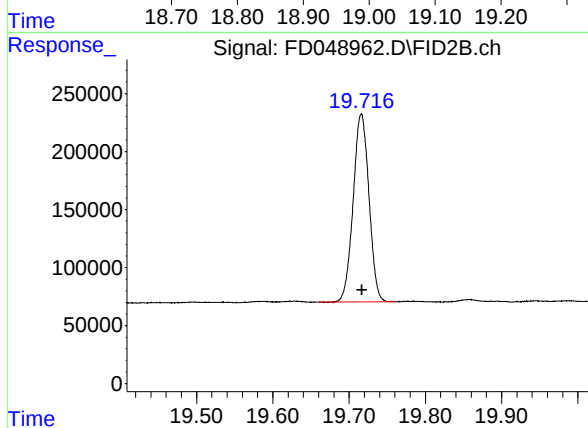
#18 n-Dotriacontane (C32)

R.T.: 18.201 min
Delta R.T.: -0.001 min
Response: 3285393
Conc: 20.10 ug/ml



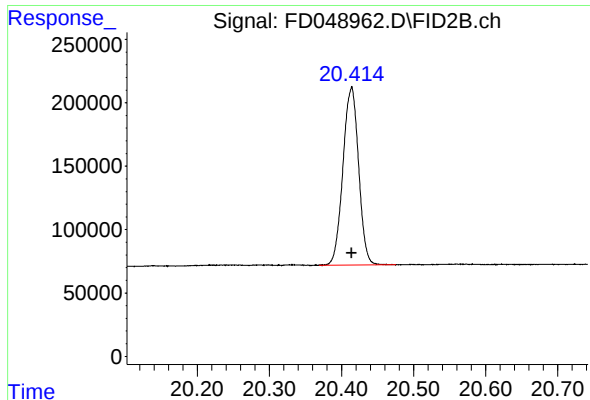
#19 n-Tetratriacontane (C34)

R.T.: 18.981 min
Delta R.T.: -0.001 min
Response: 2799894
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

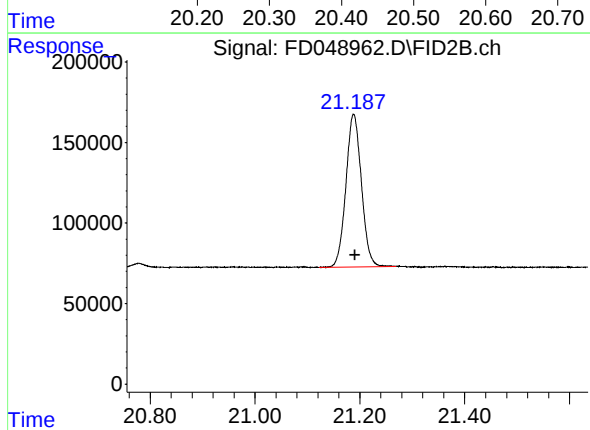
R.T.: 19.716 min
Delta R.T.: 0.000 min
Response: 2332725
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.414 min
Delta R.T.: 0.000 min
Response: 2121703
Conc: 20.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.002 min
Response: 1945006
Conc: 20.29 ug/ml