

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AL\
 Data File : FD048978.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 23:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 29 04:08:49 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)	11.243	4043488	20.940 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
12) S 1-chlorooctadecane (S...	12.685	3088697	21.043 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T n-Nonane (C9)	3.106	3387414	21.181 ug/ml
2) T n-Decane (C10)	4.151	3431637	21.046 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3659080	21.412 ug/ml
4) T n-Dodecane (C12)	6.143	3489043	21.067 ug/ml
5) T A~2-methylnaphthalene...	6.745	3509536	21.772 ug/ml
6) T n-Tetradecane (C14)	7.924	3472240	21.003 ug/ml
7) T n-Hexadecane (C16)	9.513	3611589	20.946 ug/ml
8) T n-Octadecane (C18)	10.946	3696775	20.966 ug/ml
10) T n-Eicosane (C20)	12.247	3589594	20.857 ug/ml
11) T n-Heneicosane (C21)	12.856	3549292	20.844 ug/ml
13) T n-Docosane (C22)	13.439	3541963	20.829 ug/ml
14) T n-Tetracosane (C24)	14.535	3525019	20.691 ug/ml
15) T n-Hexacosane (C26)	15.551	3458593	20.649 ug/ml
16) T n-Octacosane (C28)	16.495	3371423	20.267 ug/ml
17) T n-Tricontane (C30)	17.379	3360454	19.577 ug/ml
18) T n-Dotriacontane (C32)	18.206	3168068	19.379 ug/ml
19) T n-Tetratriacontane (C34)	18.985	2738778	19.659 ug/ml
20) T n-Hexatriacontane (C36)	19.720	2336545	20.320 ug/ml
21) T n-Octatriacontane (C38)	20.418	2150780	20.757 ug/ml
22) T n-Tetracontane (C40)	21.196	1948410	20.330 ug/ml

(f)=RT Delta > 1/2 Window

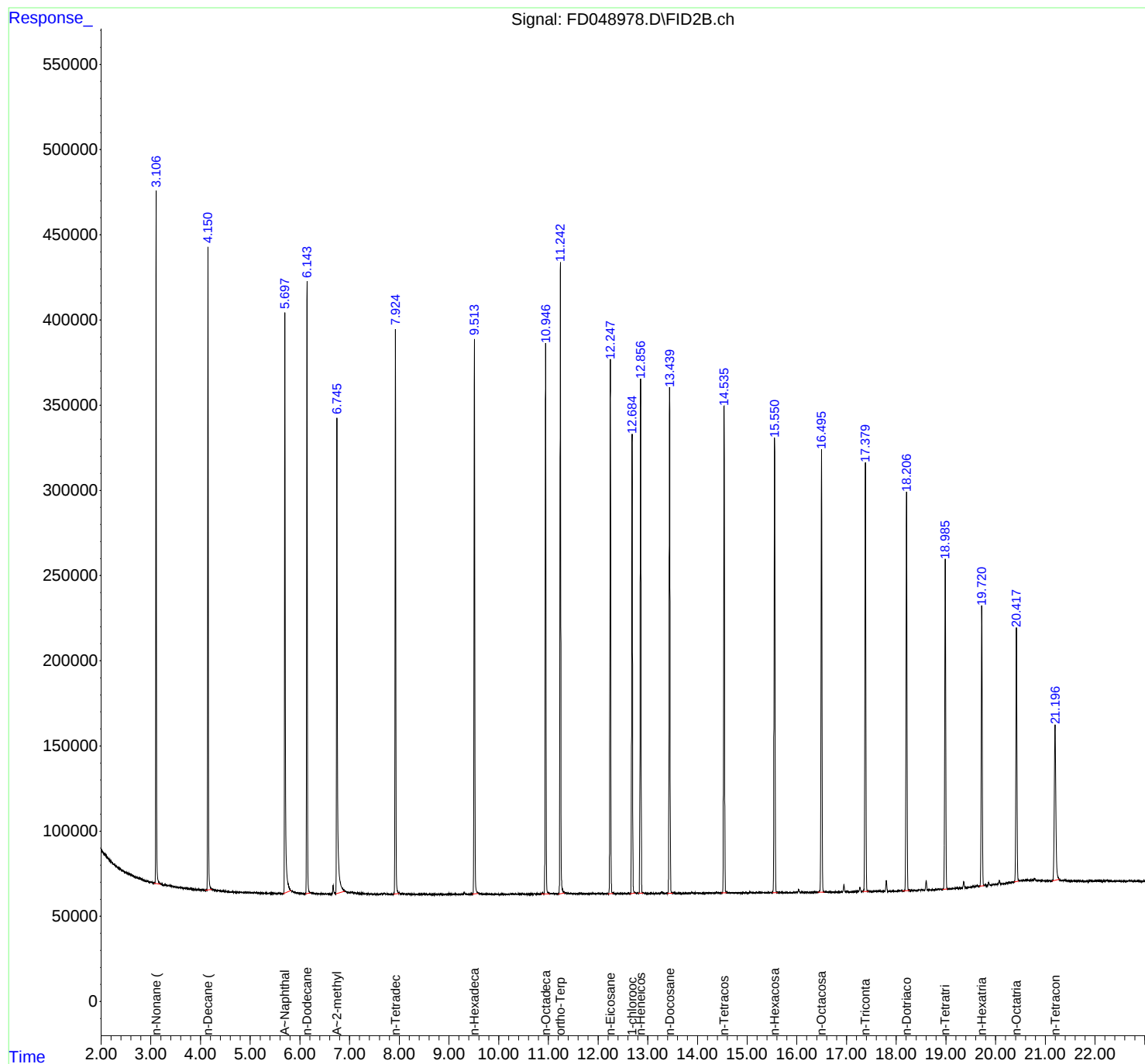
(m)=manual int.

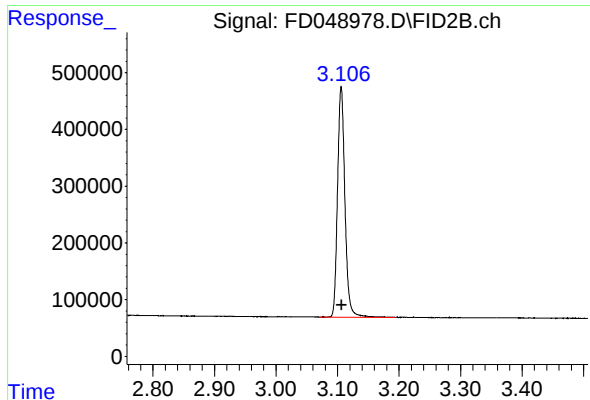
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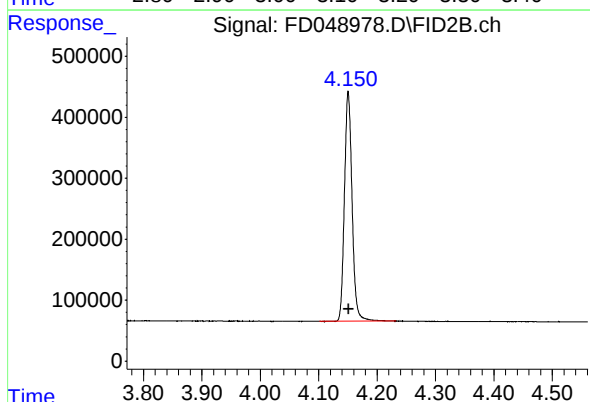




#1 n-Nonane (C9)

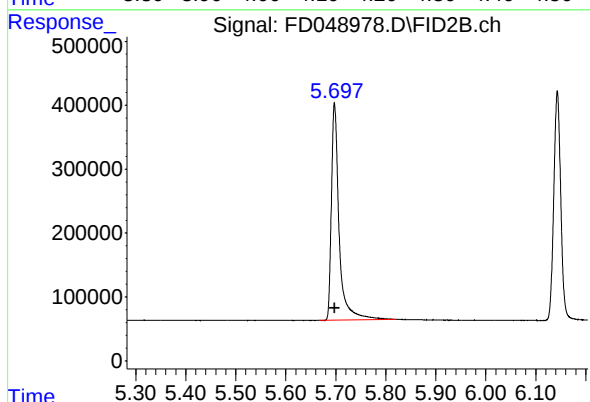
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 3387414
Conc: 21.18 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



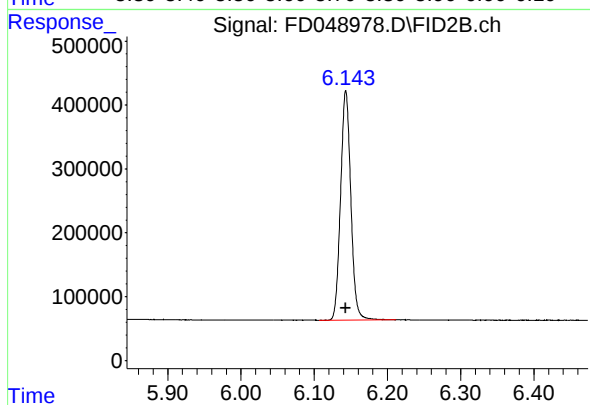
#2 n-Decane (C10)

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 3431637
Conc: 21.05 ug/ml



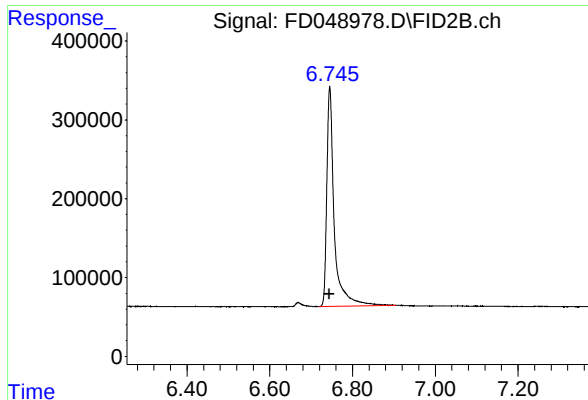
#3 A~Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3659080
Conc: 21.41 ug/ml



#4 n-Dodecane (C12)

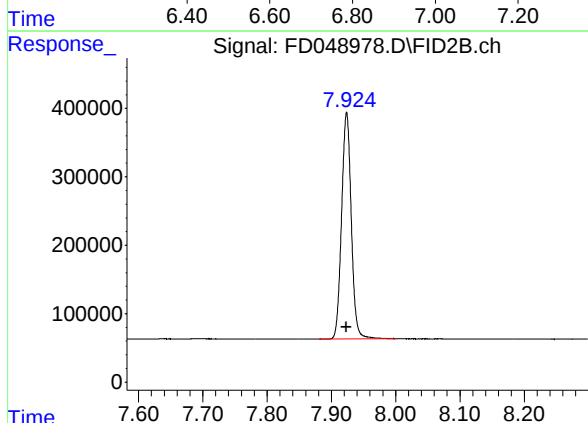
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 3489043
Conc: 21.07 ug/ml



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

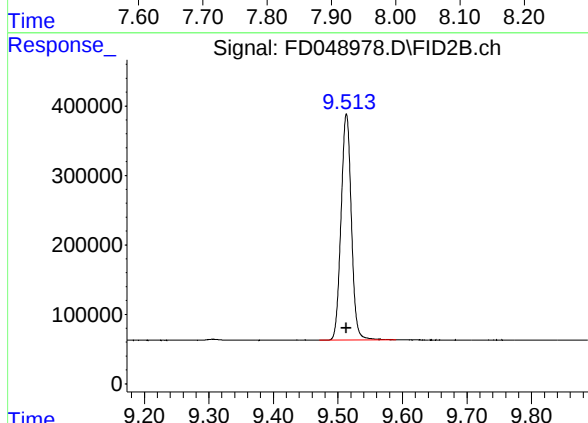
R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3509536
Conc: 21.77 ug/ml

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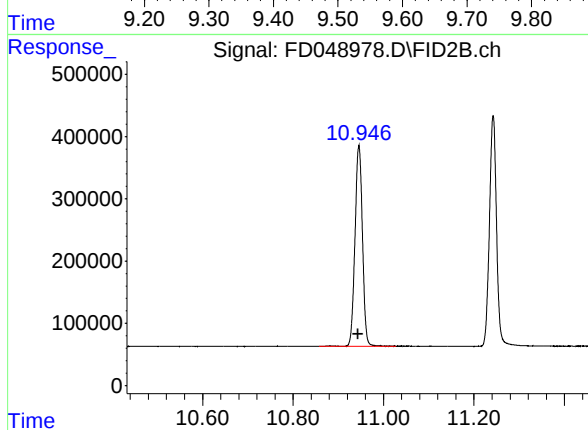
#6 n-Tetradecane (C14)

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 3472240
Conc: 21.00 ug/ml



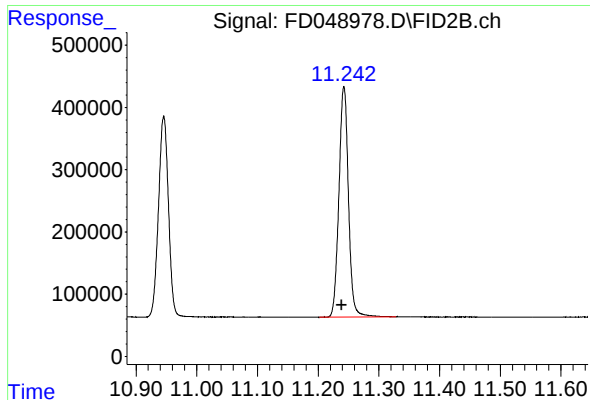
#7 n-Hexadecane (C16)

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 3611589
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

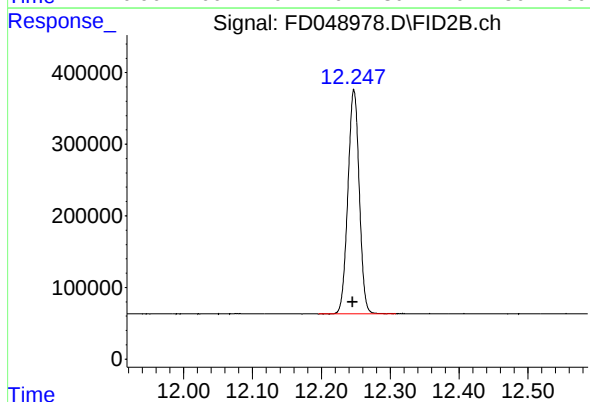
R.T.: 10.946 min
Delta R.T.: 0.002 min
Response: 3696775
Conc: 20.97 ug/ml



#9 ortho-Terphenyl (SURR)

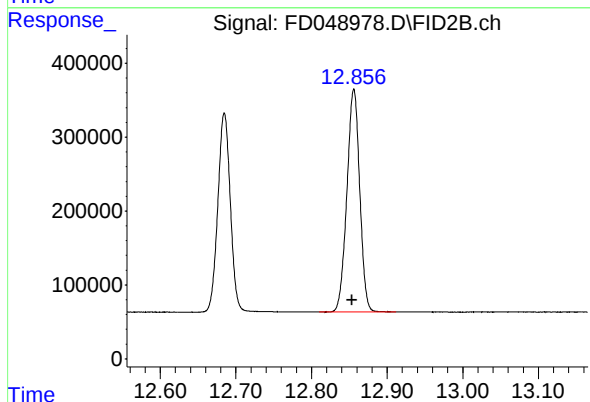
R.T.: 11.243 min
Delta R.T.: 0.003 min
Response: 4043488
Conc: 20.94 ug/ml

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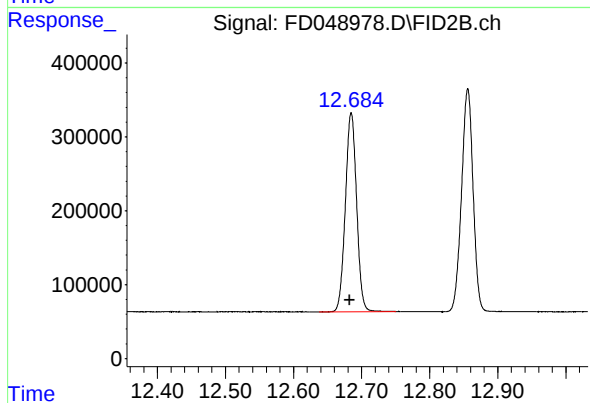
#10 n-Eicosane (C20)

R.T.: 12.247 min
Delta R.T.: 0.002 min
Response: 3589594
Conc: 20.86 ug/ml



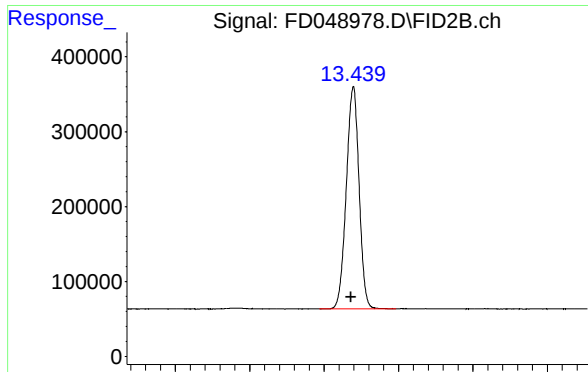
#11 n-Heneicosane (C21)

R.T.: 12.856 min
Delta R.T.: 0.003 min
Response: 3549292
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

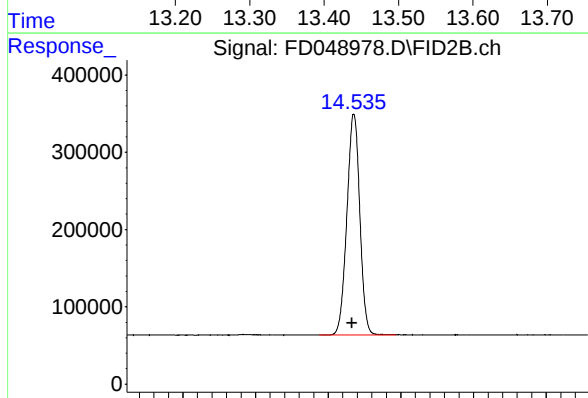
R.T.: 12.685 min
Delta R.T.: 0.002 min
Response: 3088697
Conc: 21.04 ug/ml



#13 n-Docosane (C22)

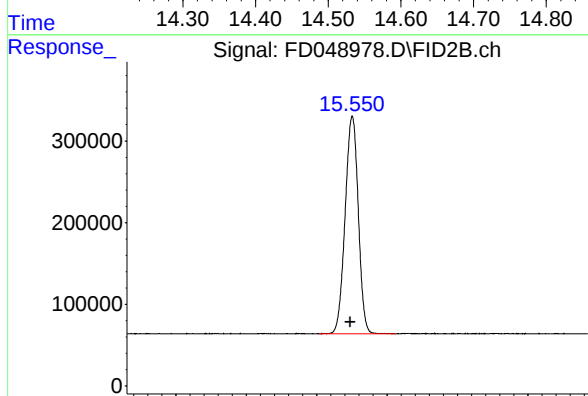
R.T.: 13.439 min
Delta R.T.: 0.003 min
Response: 3541963
Conc: 20.83 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



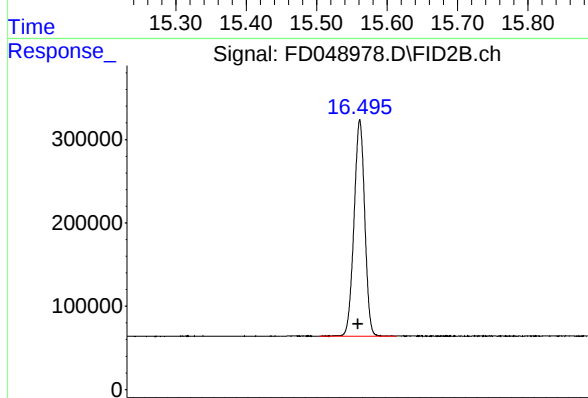
#14 n-Tetracosane (C24)

R.T.: 14.535 min
Delta R.T.: 0.002 min
Response: 3525019
Conc: 20.69 ug/ml



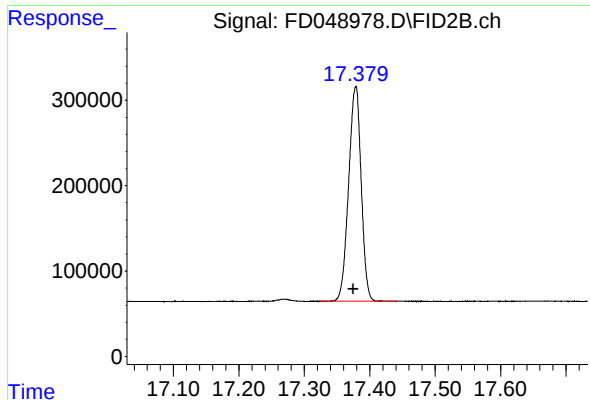
#15 n-Hexacosane (C26)

R.T.: 15.551 min
Delta R.T.: 0.003 min
Response: 3458593
Conc: 20.65 ug/ml



#16 n-Octacosane (C28)

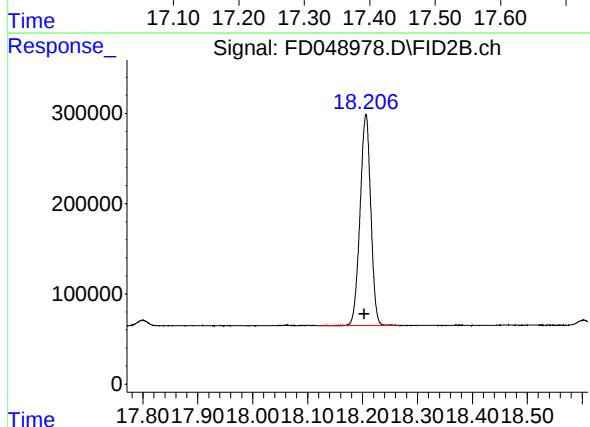
R.T.: 16.495 min
Delta R.T.: 0.003 min
Response: 3371423
Conc: 20.27 ug/ml



#17 n-Tricontane (C30)

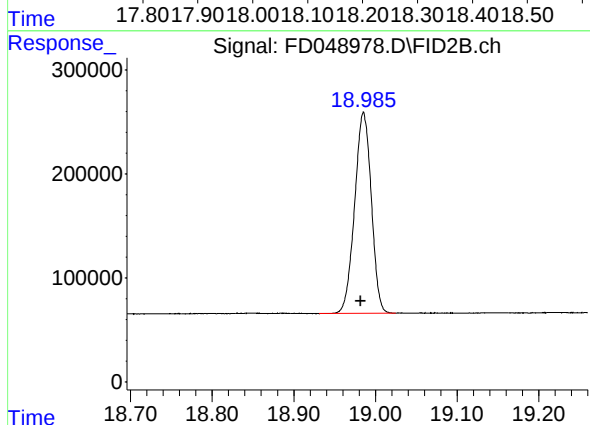
R.T.: 17.379 min
Delta R.T.: 0.004 min
Response: 3360454
Conc: 19.58 ug/ml

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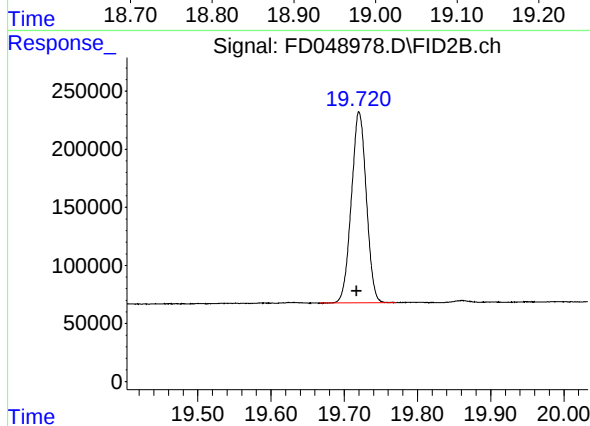
#18 n-Dotriacontane (C32)

R.T.: 18.206 min
Delta R.T.: 0.004 min
Response: 3168068
Conc: 19.38 ug/ml



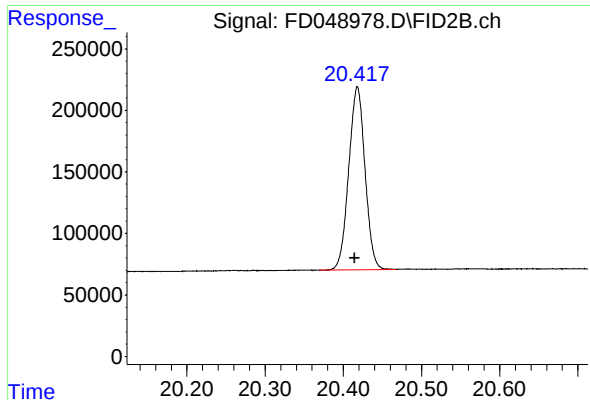
#19 n-Tetatriacontane (C34)

R.T.: 18.985 min
Delta R.T.: 0.004 min
Response: 2738778
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

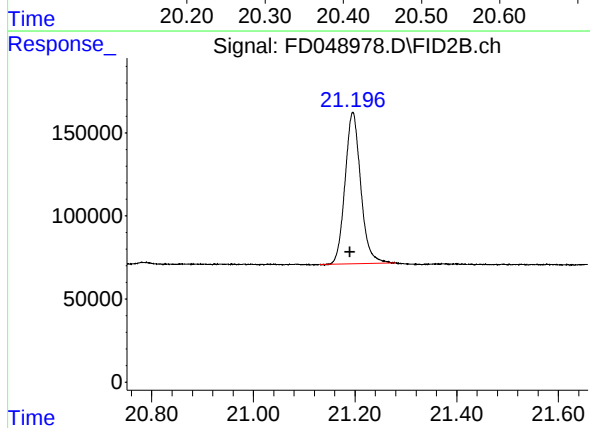
R.T.: 19.720 min
Delta R.T.: 0.003 min
Response: 2336545
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.418 min
Delta R.T.: 0.004 min
Response: 2150780
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.196 min
Delta R.T.: 0.005 min
Response: 1948410
Conc: 20.33 ug/ml