

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
 Data File : FD044051.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2022 23:07
 Operator : YP/AJ
 Sample : N4955-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:26:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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			
12) S 1-chlorooctadecane (S...	12.722	3617752	28.766 ug/ml
Spiked Amount 50.000		Recovery =	57.53%
Target Compounds			
1) T n-Nonane (C9)	3.145	120475	0.892 ug/mlm
2) T n-Decane (C10)	4.195	159936	1.190 ug/mlm
4) T n-Dodecane (C12)	6.191	233448	1.680 ug/ml
6) T n-Tetradecane (C14)	7.970	249599	1.793 ug/ml
7) T n-Hexadecane (C16)	9.556	235848	1.672 ug/ml
8) T n-Octadecane (C18)	10.984	252989	1.740 ug/ml
10) T n-Eicosane (C20)	12.281	276472	1.864 ug/ml
11) T n-Heneicosane (C21)	12.888	290614	1.937 ug/ml
13) T n-Docosane (C22)	13.468	295864	1.968 ug/ml
14) T n-Tetracosane (C24)	14.560	304983	2.021 ug/ml
15) T n-Hexacosane (C26)	15.571	297818	1.967 ug/ml
16) T n-Octacosane (C28)	16.510	303231	2.013 ug/ml
17) T n-Tricontane (C30)	17.388	309303	2.018 ug/ml
18) T n-Dotriacontane (C32)	18.210	318691	2.078 ug/ml
19) T n-Tetratriacontane (C34)	18.985	299952	2.037 ug/ml
20) T n-Hexatriacontane (C36)	19.715	267564	1.825 ug/ml
21) T n-Octatriacontane (C38)	20.407	248049	1.778 ug/ml
22) T n-Tetracontane (C40)	21.166	222339	1.710 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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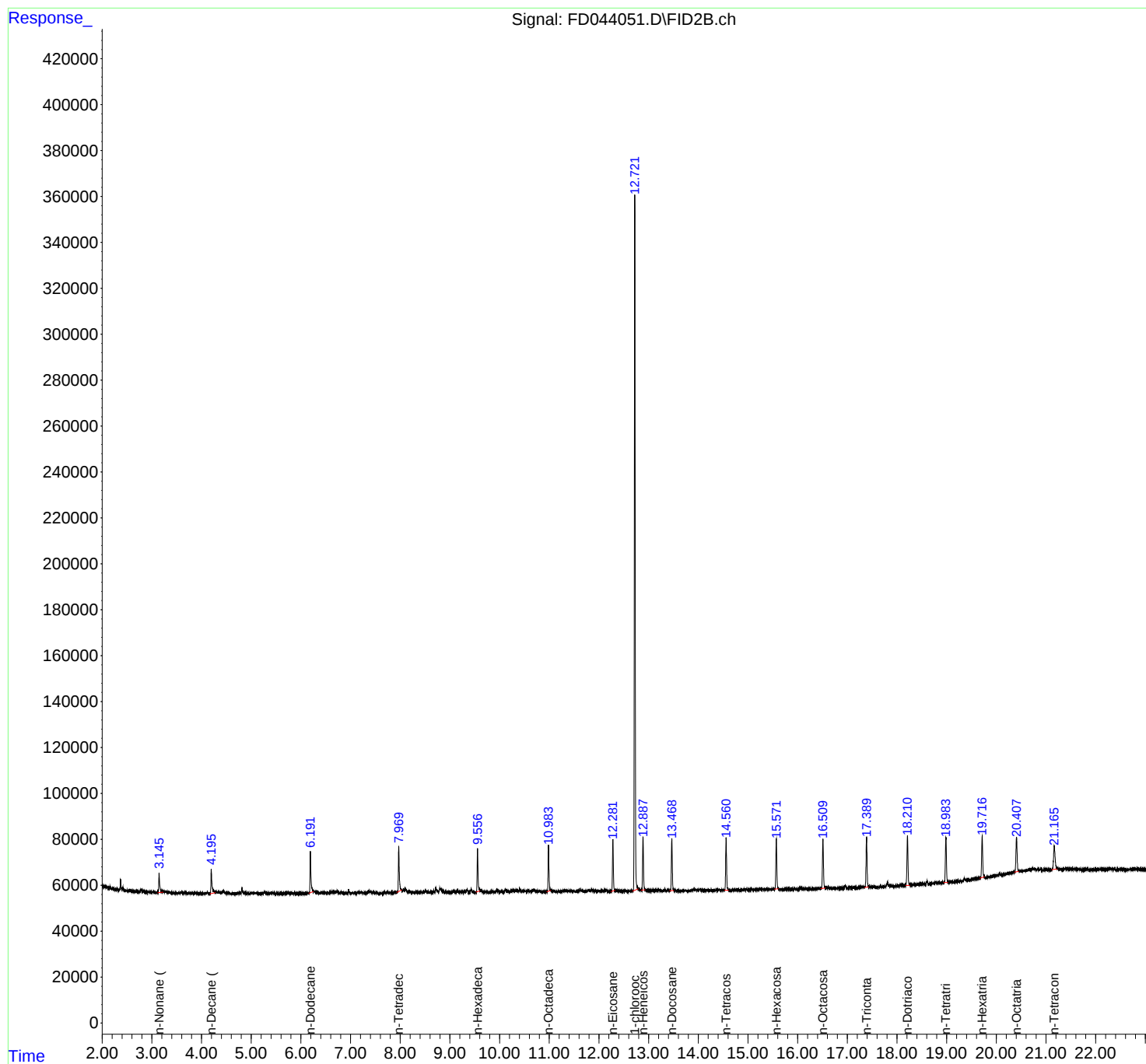
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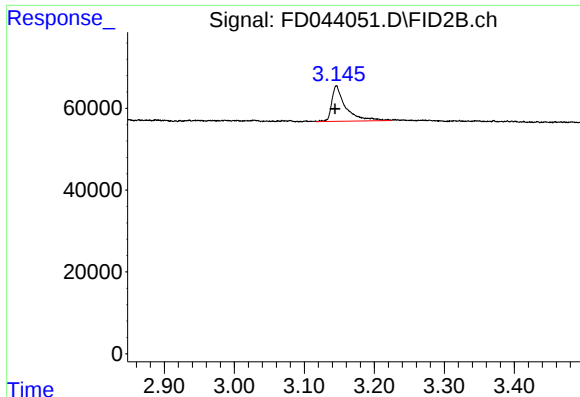
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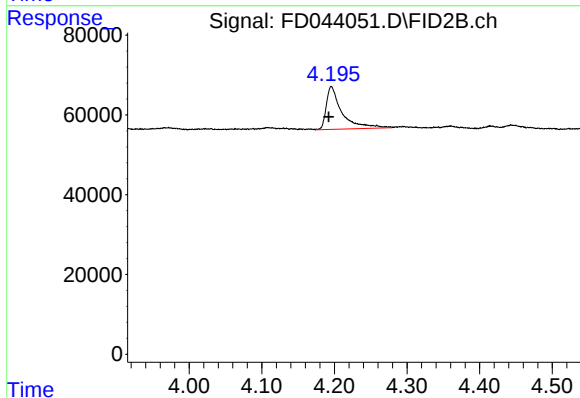
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.001 min
Response: 120475
Conc: 0.89 ug/ml

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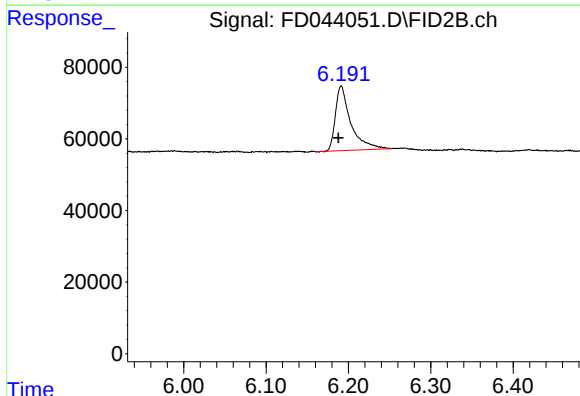
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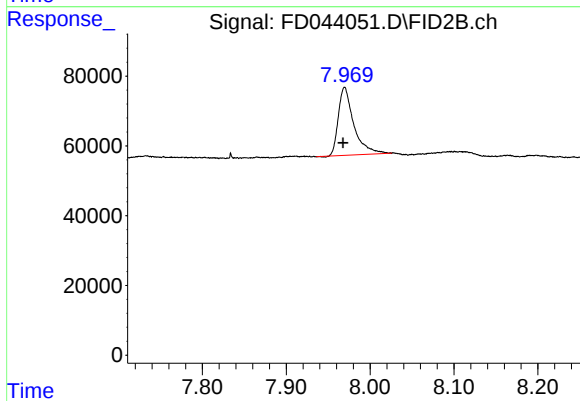
#2 n-Decane (C10)

R.T.: 4.195 min
Delta R.T.: 0.003 min
Response: 159936
Conc: 1.19 ug/ml m



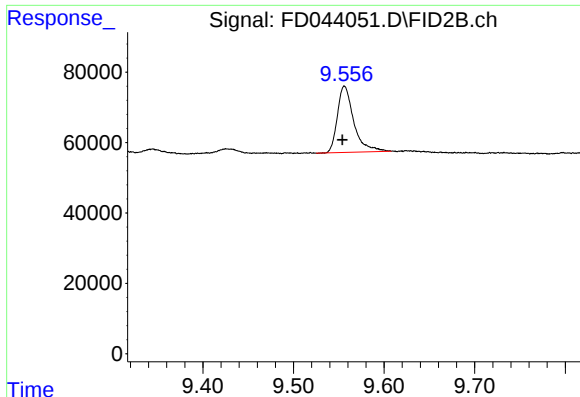
#4 n-Dodecane (C12)

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 233448
Conc: 1.68 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.970 min
Delta R.T.: 0.002 min
Response: 249599
Conc: 1.79 ug/ml



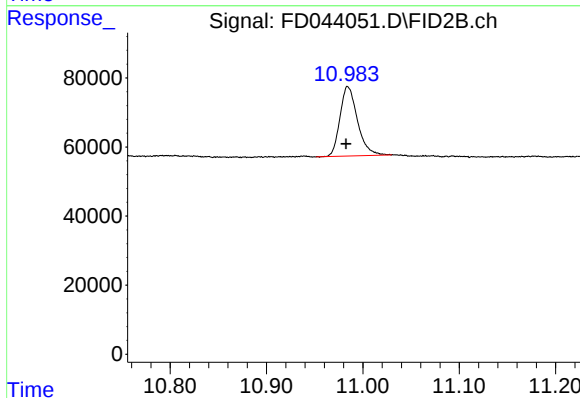
#7 n-Hexadecane (C16)

R.T.: 9.556 min
Delta R.T.: 0.002 min
Response: 235848
Conc: 1.67 ug/ml

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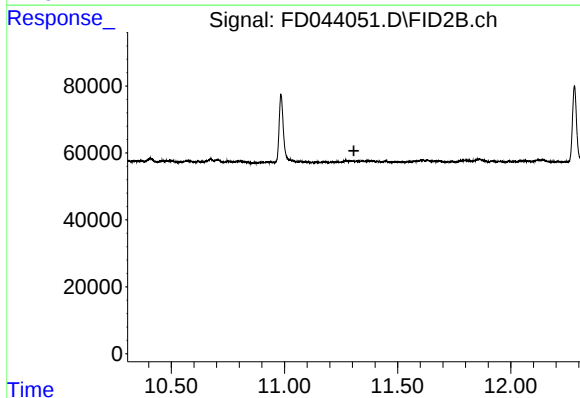
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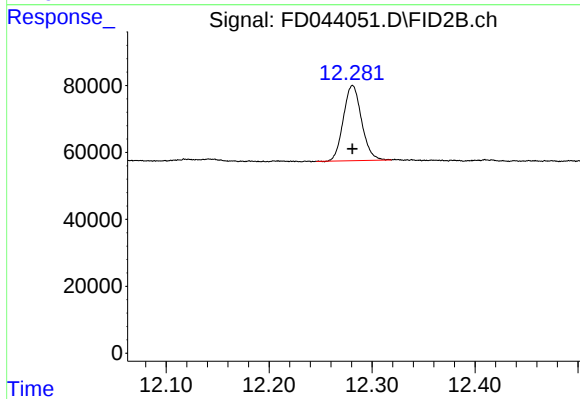
#8 n-Octadecane (C18)

R.T.: 10.984 min
Delta R.T.: 0.002 min
Response: 252989
Conc: 1.74 ug/ml



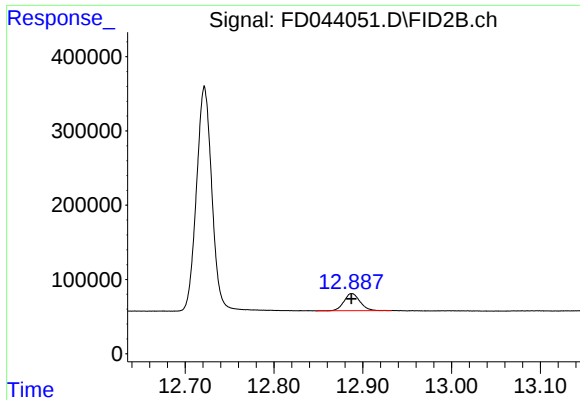
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.281 min
Delta R.T.: 0.000 min
Response: 276472
Conc: 1.86 ug/ml



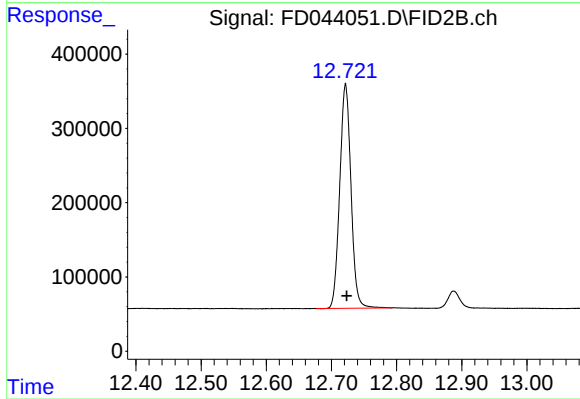
#11 n-Heneicosane (C21)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 290614
Conc: 1.94 ug/ml

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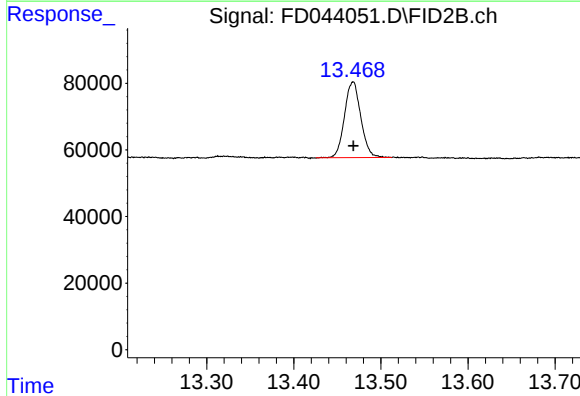
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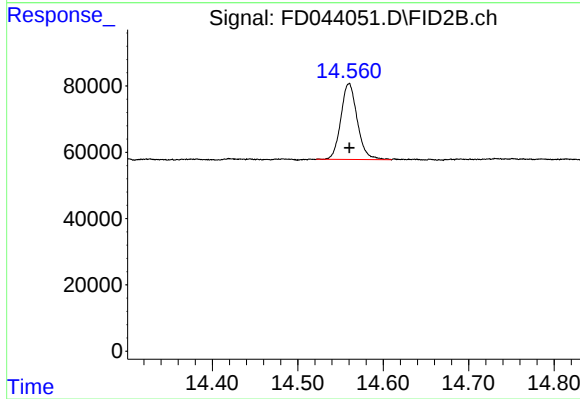
#12 1-chlorooctadecane (SURR)

R.T.: 12.722 min
Delta R.T.: -0.002 min
Response: 3617752
Conc: 28.77 ug/ml



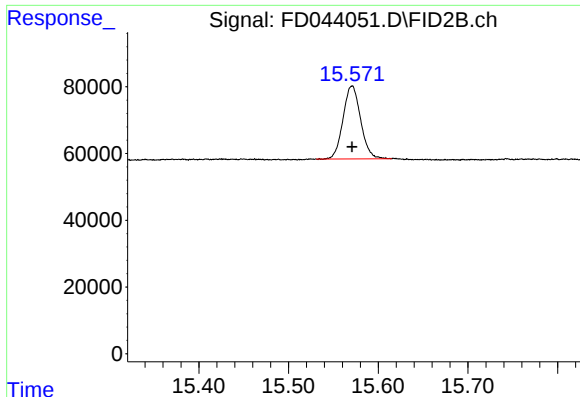
#13 n-Docosane (C22)

R.T.: 13.468 min
Delta R.T.: 0.000 min
Response: 295864
Conc: 1.97 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 304983
Conc: 2.02 ug/ml



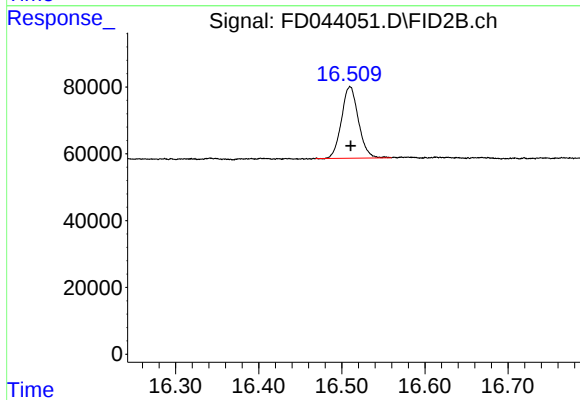
#15 n-Hexacosane (C26)

R.T.: 15.571 min
Delta R.T.: 0.000 min
Response: 297818
Conc: 1.97 ug/ml

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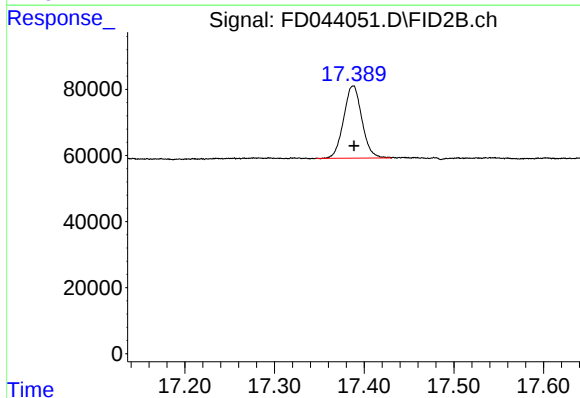
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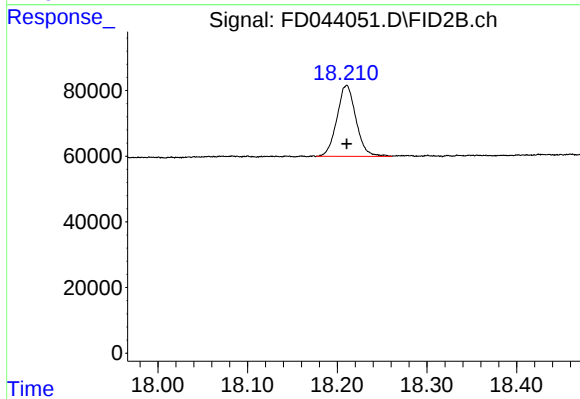
#16 n-Octacosane (C28)

R.T.: 16.510 min
Delta R.T.: 0.000 min
Response: 303231
Conc: 2.01 ug/ml



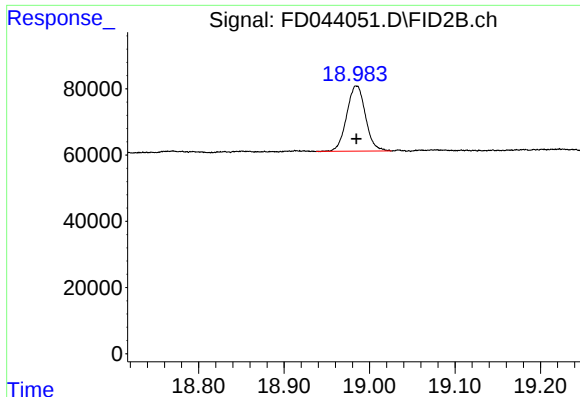
#17 n-Tricontane (C30)

R.T.: 17.388 min
Delta R.T.: -0.001 min
Response: 309303
Conc: 2.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 318691
Conc: 2.08 ug/ml



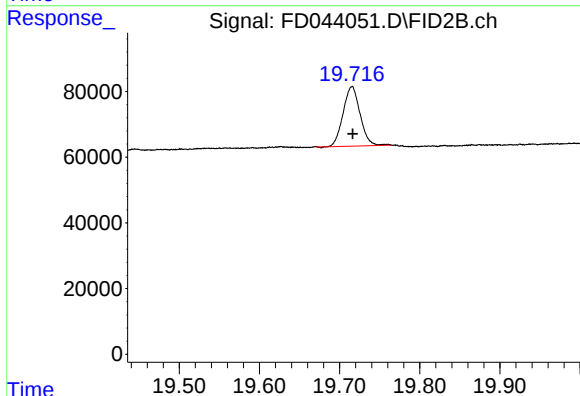
#19 n-Tetratriacontane (C34)

R.T.: 18.985 min
Delta R.T.: 0.000 min
Response: 299952
Conc: 2.04 ug/ml

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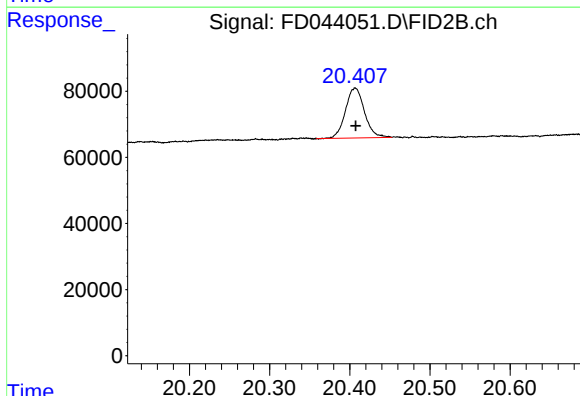
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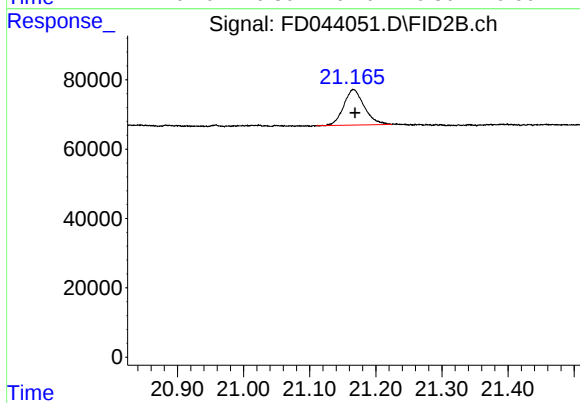
#20 n-Hexatriacontane (C36)

R.T.: 19.715 min
Delta R.T.: 0.000 min
Response: 267564
Conc: 1.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.000 min
Response: 248049
Conc: 1.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.166 min
Delta R.T.: -0.002 min
Response: 222339
Conc: 1.71 ug/ml