

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
 Data File : FD048478.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 11:03
 Operator : YP/AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 05:28:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 2024
 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...	12.708	6125306	40.946 ug/ml
Spiked Amount 50.000		Recovery =	81.89%
Target Compounds			
1) T n-Nonane (C9)	3.128	315985	1.881 ug/ml
2) T n-Decane (C10)	4.172	392123	2.259 ug/ml
4) T n-Dodecane (C12)	6.164	477576	2.728 ug/ml
6) T n-Tetradecane (C14)	7.944	497299	2.850 ug/ml
7) T n-Hexadecane (C16)	9.534	499421	2.771 ug/ml
8) T n-Octadecane (C18)	10.966	542959	2.991 ug/ml
10) T n-Eicosane (C20)	12.266	576792	3.307 ug/ml
11) T n-Heneicosane (C21)	12.875	565954	3.308 ug/ml
13) T n-Docosane (C22)	13.458	571371	3.346 ug/ml
14) T n-Tetracosane (C24)	14.554	556896	3.288 ug/ml
15) T n-Hexacosane (C26)	15.568	537002	3.244 ug/ml
16) T n-Octacosane (C28)	16.514	534695	3.248 ug/ml
17) T n-Tricontane (C30)	17.396	543103	3.168 ug/ml
18) T n-Dotriacontane (C32)	18.222	514382	3.074 ug/mlm
19) T n-Tetratriacontane (C34)	19.001	482882	3.347 ug/mlm
20) T n-Hexatriacontane (C36)	19.738	441513	3.677 ug/mlm
21) T n-Octatriacontane (C38)	20.435	415556	3.711 ug/mlm
22) T n-Tetracontane (C40)	21.217	369892	3.695 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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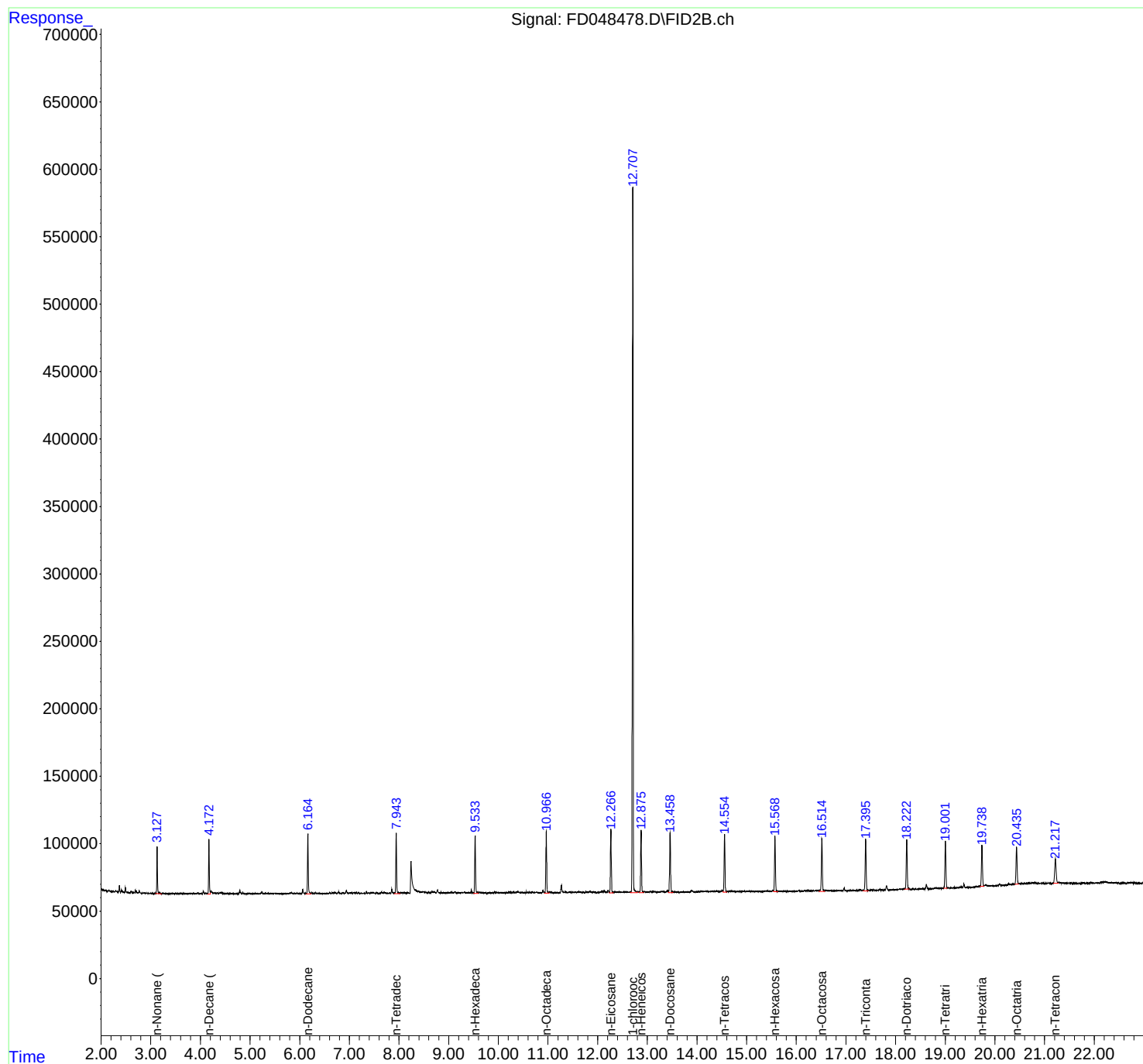
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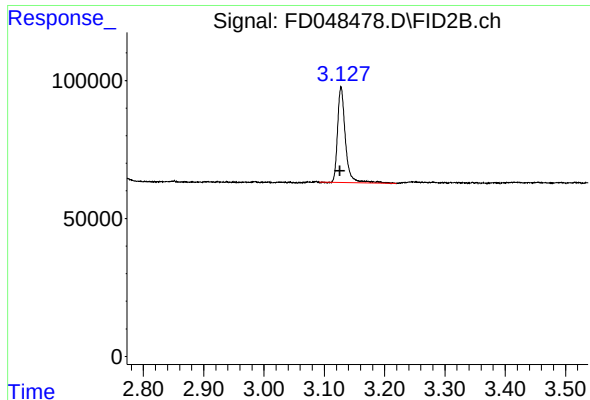
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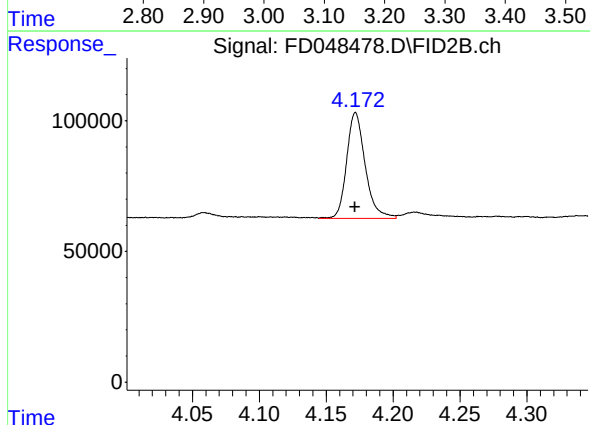
#1 n-Nonane (C9)

R.T.: 3.128 min
Delta R.T.: 0.002 min
Response: 315985
Conc: 1.88 ug/ml

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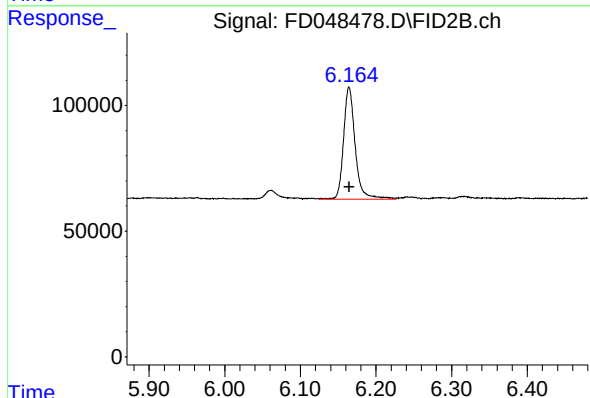
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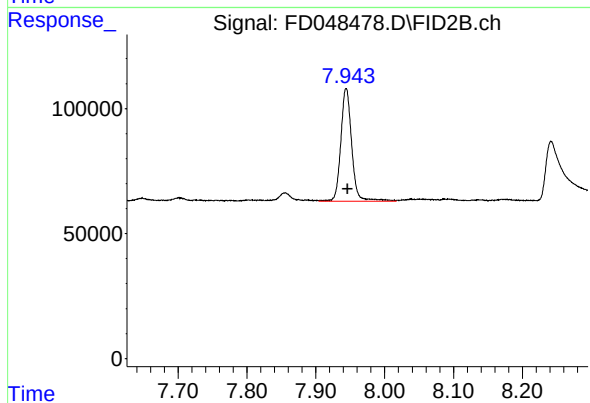
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 392123
Conc: 2.26 ug/ml



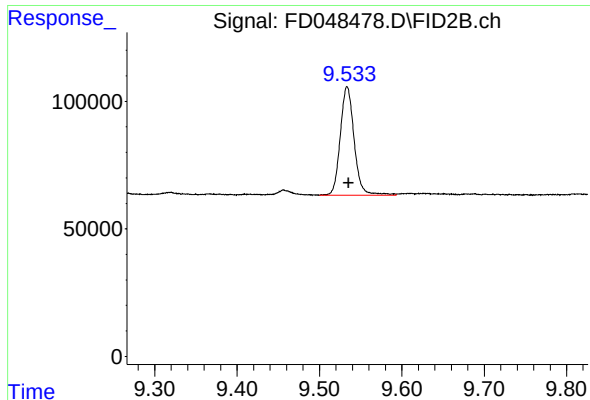
#4 n-Dodecane (C12)

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 477576
Conc: 2.73 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.944 min
Delta R.T.: -0.002 min
Response: 497299
Conc: 2.85 ug/ml



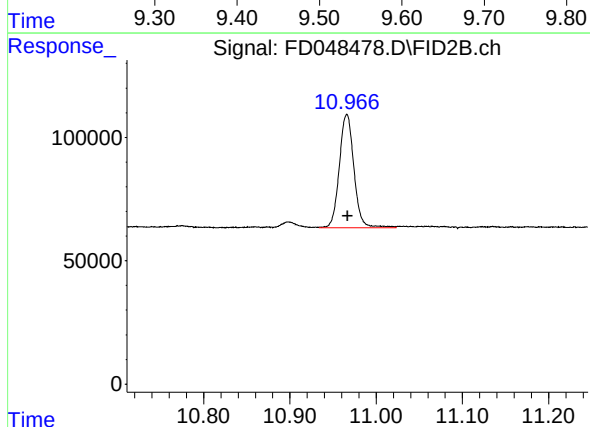
#7 n-Hexadecane (C16)

R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 499421
Conc: 2.77 ug/ml

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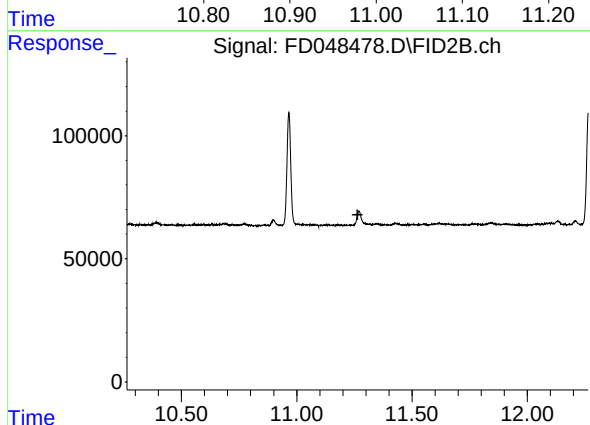
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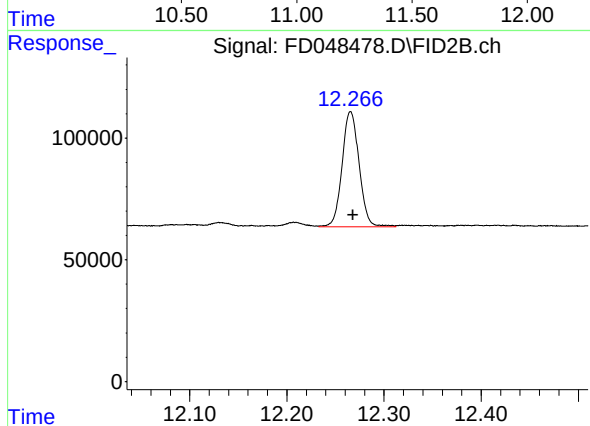
#8 n-Octadecane (C18)

R.T.: 10.966 min
Delta R.T.: 0.000 min
Response: 542959
Conc: 2.99 ug/ml



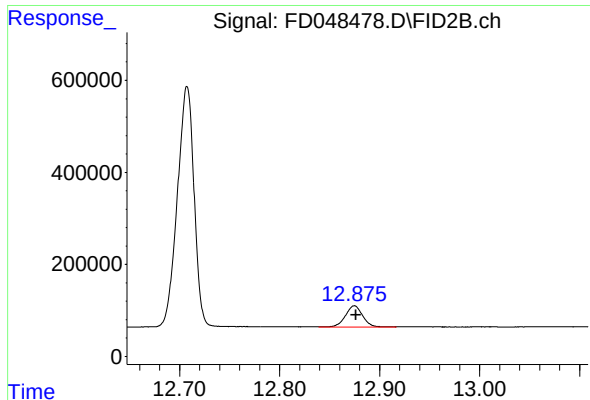
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.264 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.266 min
Delta R.T.: -0.003 min
Response: 576792
Conc: 3.31 ug/ml



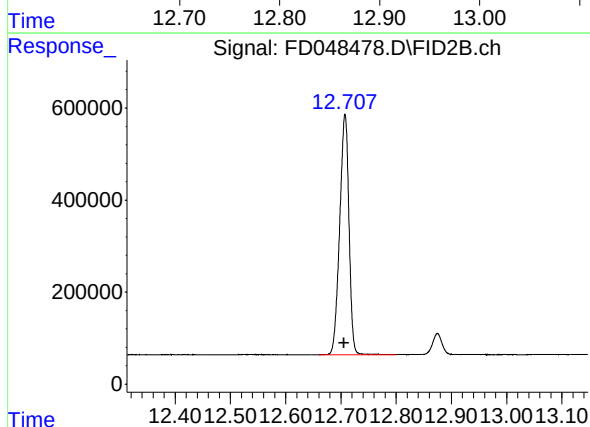
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.001 min
Response: 565954
Conc: 3.31 ug/ml

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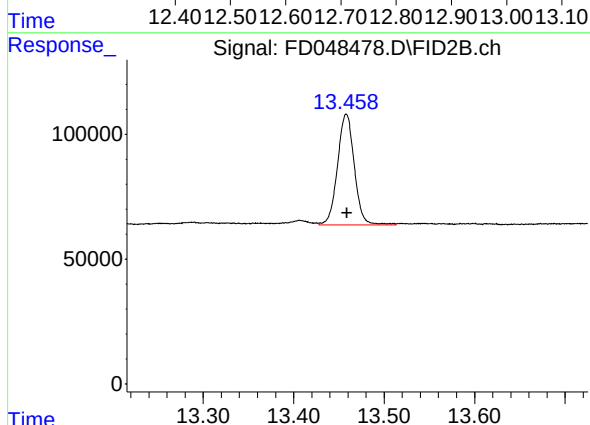
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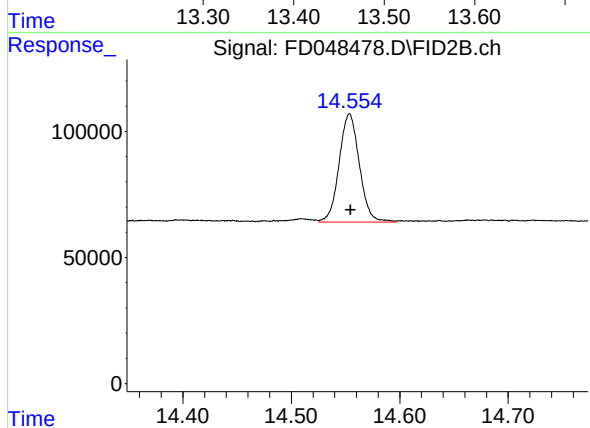
#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: 0.002 min
Response: 6125306
Conc: 40.95 ug/ml



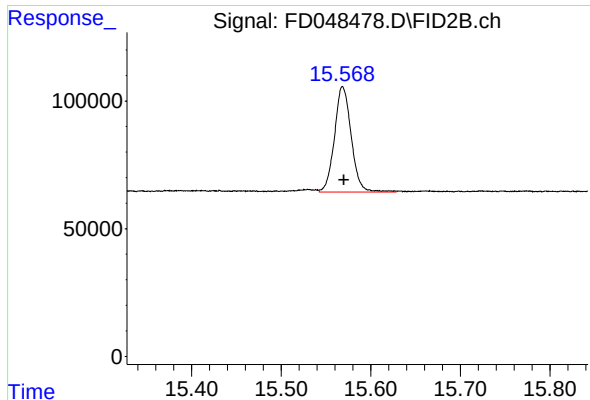
#13 n-Docosane (C22)

R.T.: 13.458 min
Delta R.T.: 0.000 min
Response: 571371
Conc: 3.35 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: -0.001 min
Response: 556896
Conc: 3.29 ug/ml



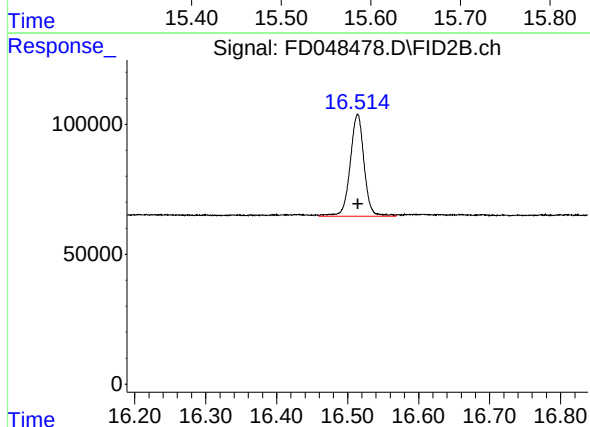
#15 n-Hexacosane (C26)

R.T.: 15.568 min
Delta R.T.: -0.002 min
Response: 537002
Conc: 3.24 ug/ml

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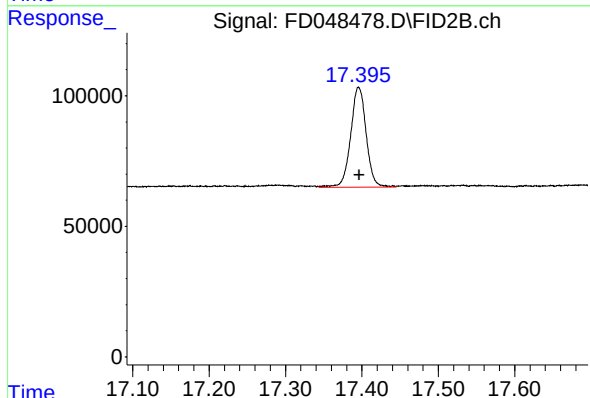
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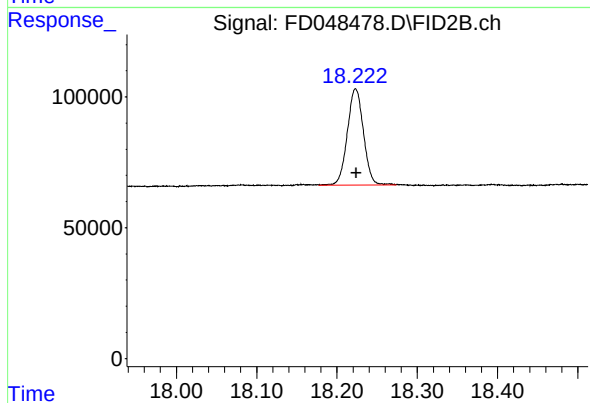
#16 n-Octacosane (C28)

R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 534695
Conc: 3.25 ug/ml



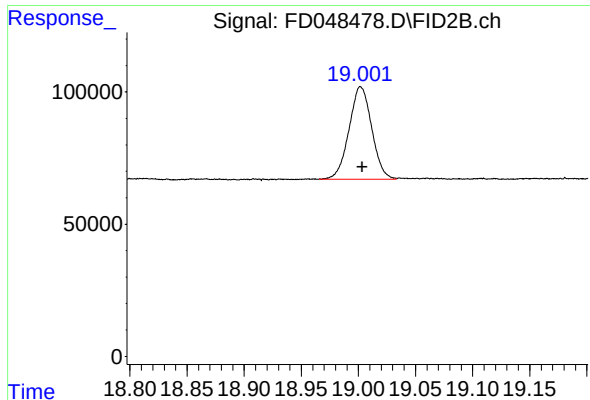
#17 n-Tricontane (C30)

R.T.: 17.396 min
Delta R.T.: -0.001 min
Response: 543103
Conc: 3.17 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.222 min
Delta R.T.: -0.001 min
Response: 514382
Conc: 3.07 ug/ml m



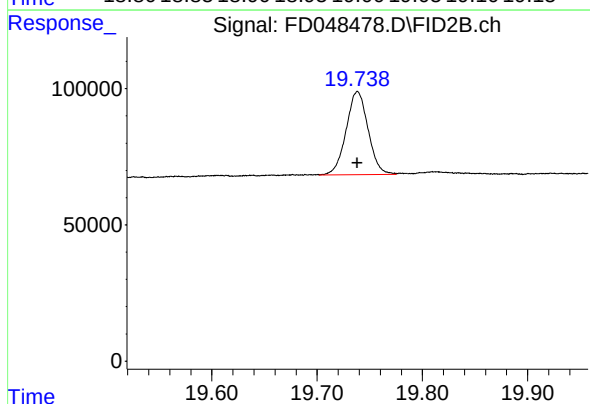
#19 n-Tetratriacontane (C34)

R.T.: 19.001 min
Delta R.T.: -0.002 min
Response: 482882
Conc: 3.35 ug/ml

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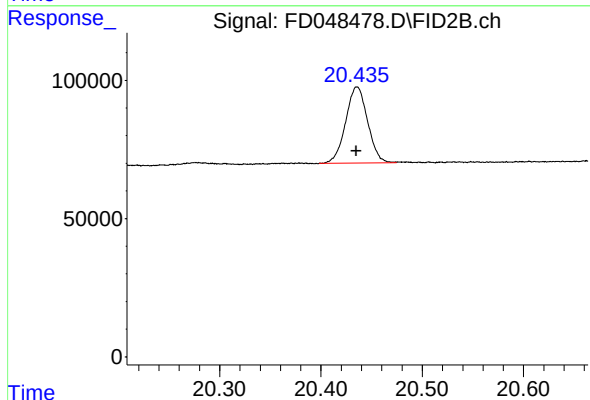
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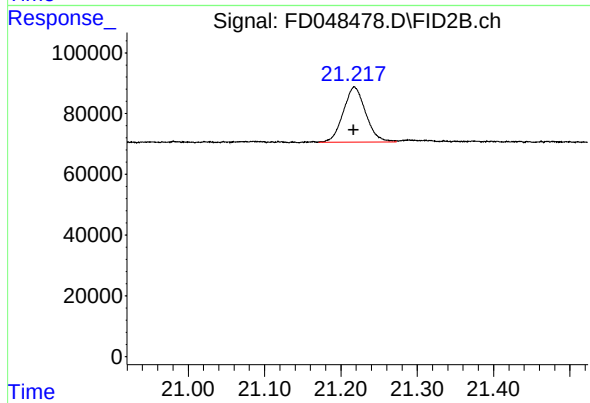
#20 n-Hexatriacontane (C36)

R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 441513
Conc: 3.68 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 415556
Conc: 3.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 369892
Conc: 3.69 ug/ml m