

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101524AL\
 Data File : FD048529.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 16:04
 Operator : YP/AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 02:30:25 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...	12.706	6102414	40.793 ug/ml
Spiked Amount 50.000		Recovery =	81.59%
Target Compounds			
1) T n-Nonane (C9)	3.124	214534	1.277 ug/ml
2) T n-Decane (C10)	4.169	267511	1.541 ug/ml
4) T n-Dodecane (C12)	6.161	357817	2.044 ug/ml
6) T n-Tetradecane (C14)	7.942	328746	1.884 ug/ml
7) T n-Hexadecane (C16)	9.532	315617	1.751 ug/ml
8) T n-Octadecane (C18)	10.963	333248	1.836 ug/ml
10) T n-Eicosane (C20)	12.264	371396	2.129 ug/ml
11) T n-Heneicosane (C21)	12.873	353482	2.066 ug/ml
13) T n-Docosane (C22)	13.456	357551	2.094 ug/ml
14) T n-Tetracosane (C24)	14.552	370612	2.188 ug/ml
15) T n-Hexacosane (C26)	15.567	331252	2.001 ug/ml
16) T n-Octacosane (C28)	16.512	337041	2.047 ug/ml
17) T n-Tricontane (C30)	17.395	344585	2.010 ug/ml
18) T n-Dotriacontane (C32)	18.224	342062	2.044 ug/ml
19) T n-Tetratriacontane (C34)	19.003	334966	2.322 ug/ml
20) T n-Hexatriacontane (C36)	19.739	297274	2.476 ug/mlm
21) T n-Octatriacontane (C38)	20.436	281908	2.518 ug/mlm
22) T n-Tetracontane (C40)	21.219	253062	2.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 13 Sample Multiplier: 1

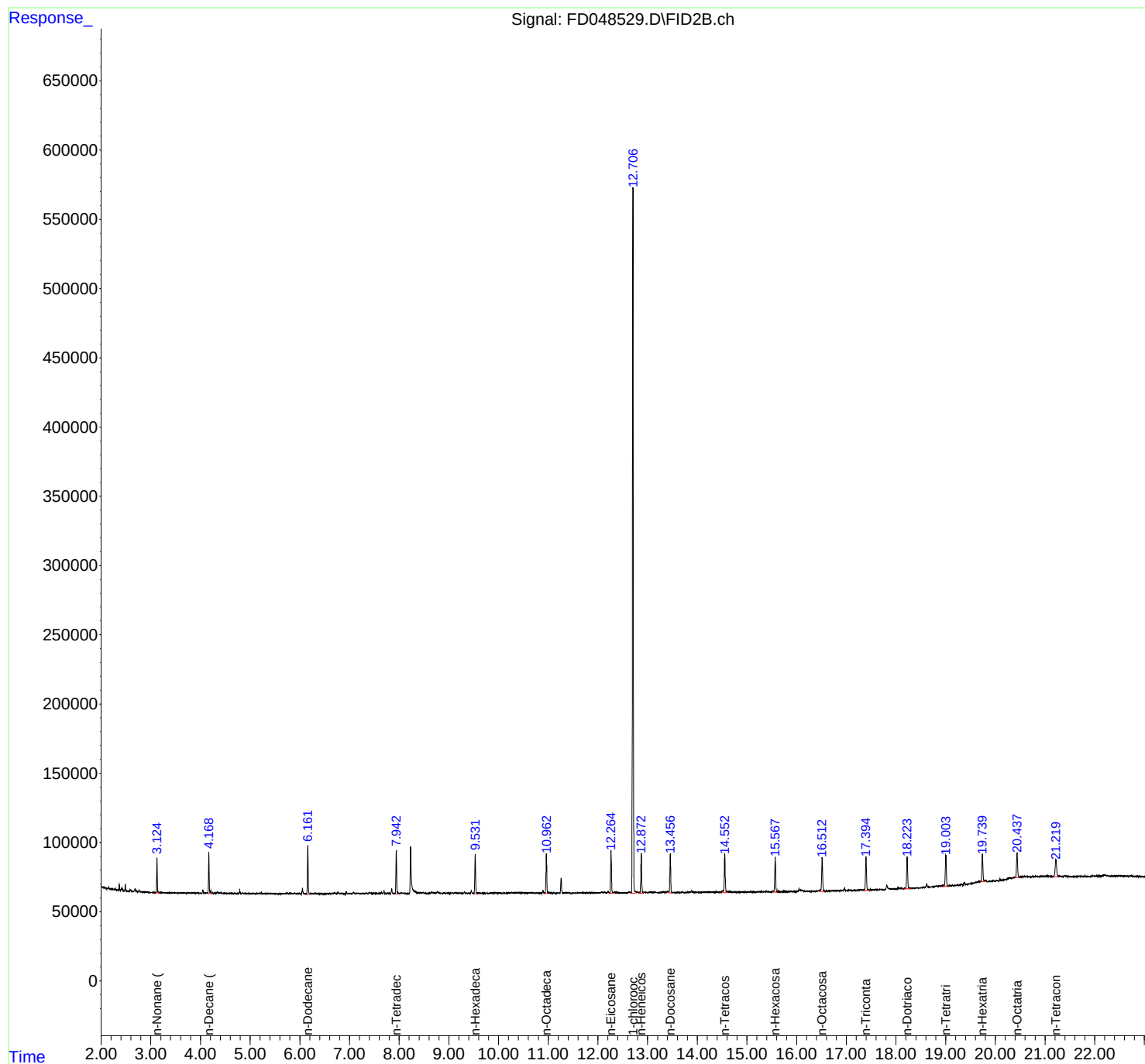
Instrument :
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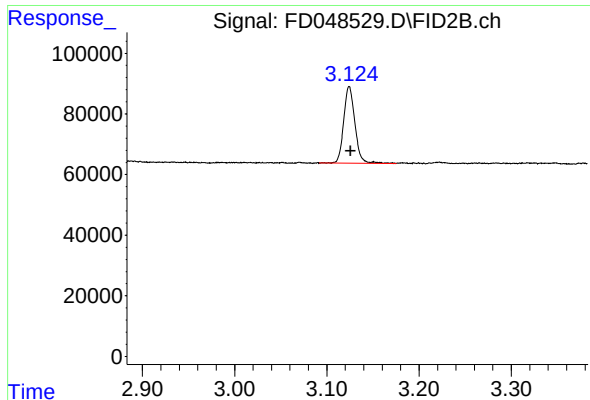
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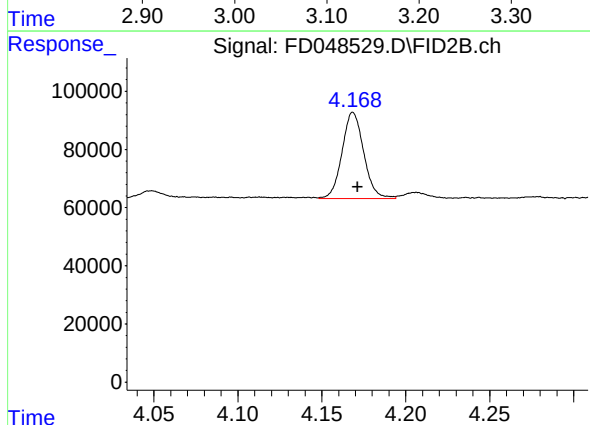
#1 n-Nonane (C9)

R.T.: 3.124 min
Delta R.T.: -0.002 min
Response: 214534
Conc: 1.28 ug/ml

Instrument :
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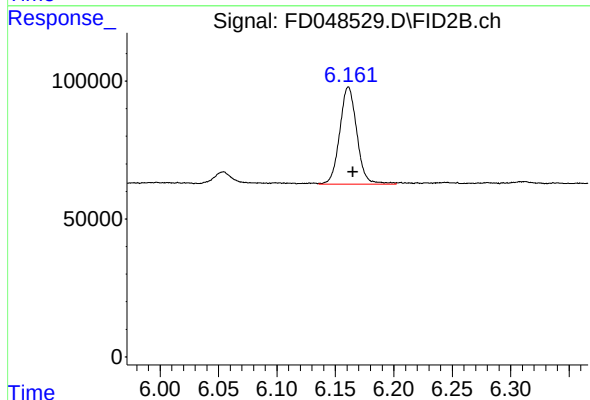
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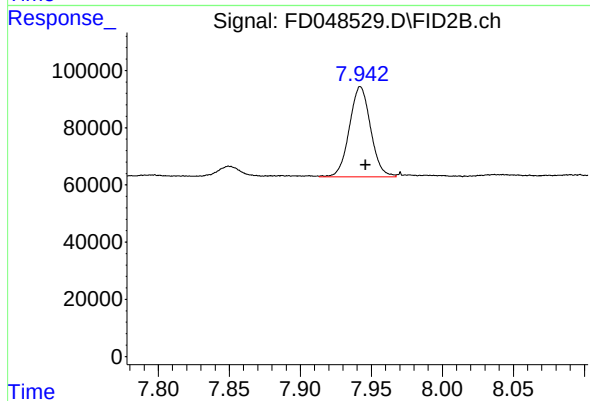
#2 n-Decane (C10)

R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 267511
Conc: 1.54 ug/ml



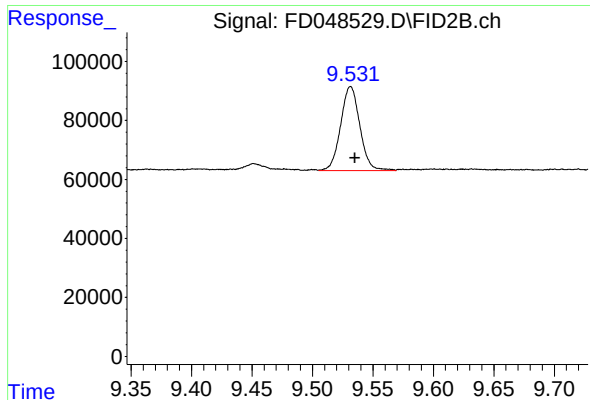
#4 n-Dodecane (C12)

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 357817
Conc: 2.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.942 min
Delta R.T.: -0.004 min
Response: 328746
Conc: 1.88 ug/ml



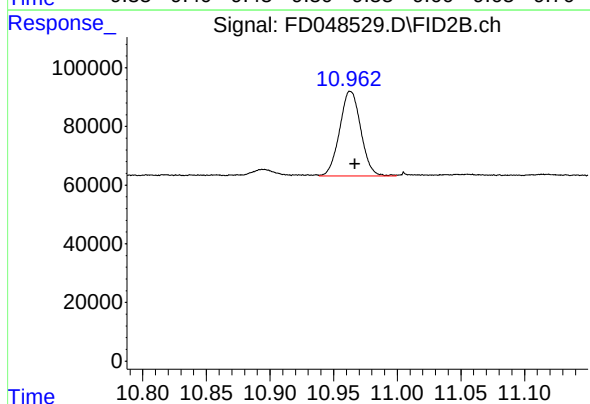
#7 n-Hexadecane (C16)

R.T.: 9.532 min
Delta R.T.: -0.004 min
Response: 315617
Conc: 1.75 ug/ml

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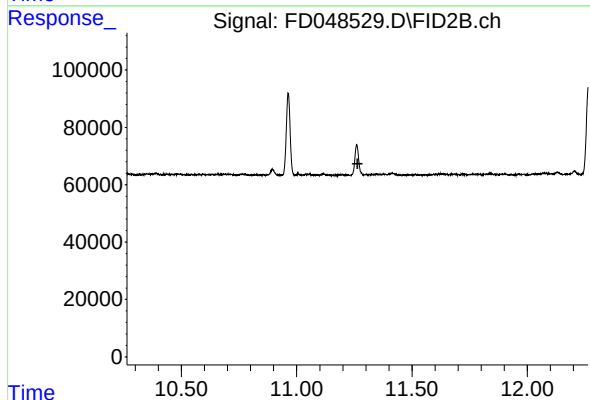
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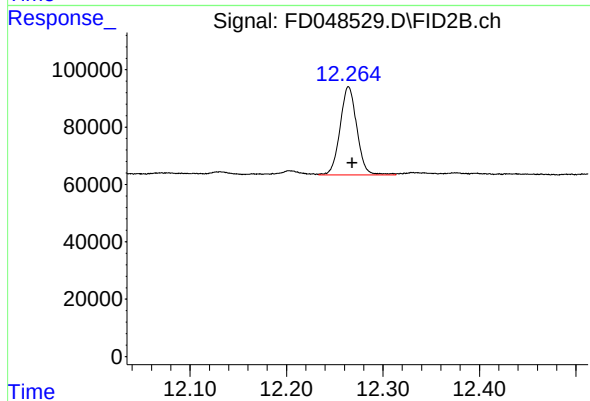
#8 n-Octadecane (C18)

R.T.: 10.963 min
Delta R.T.: -0.004 min
Response: 333248
Conc: 1.84 ug/ml



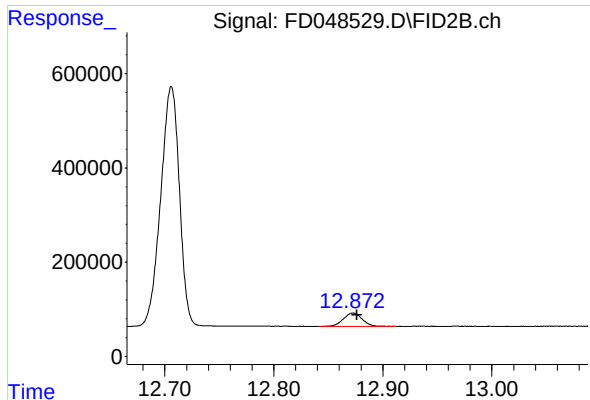
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.264 min
Delta R.T.: -0.004 min
Response: 371396
Conc: 2.13 ug/ml



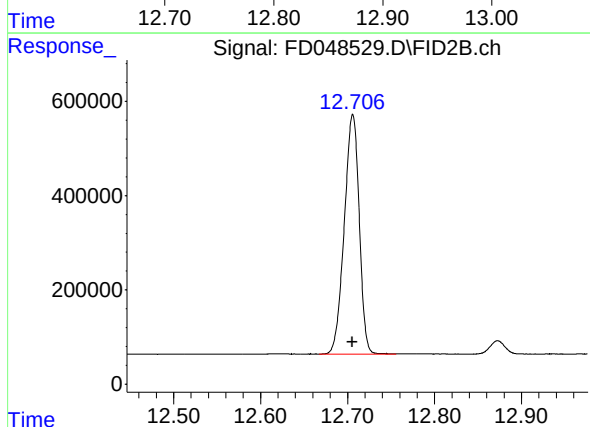
#11 n-Heneicosane (C21)

R.T.: 12.873 min
Delta R.T.: -0.004 min
Response: 353482
Conc: 2.07 ug/ml

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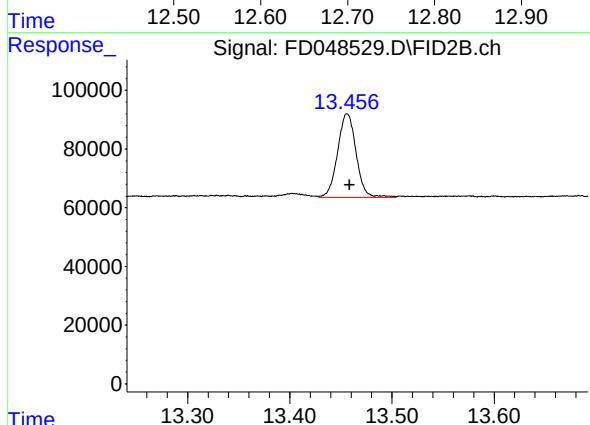
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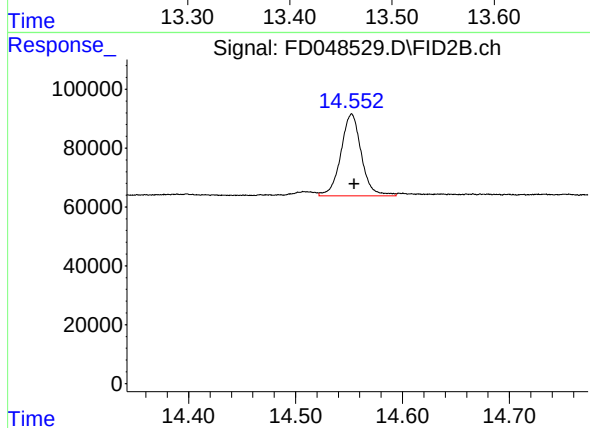
#12 1-chlorooctadecane (SURR)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 6102414
Conc: 40.79 ug/ml



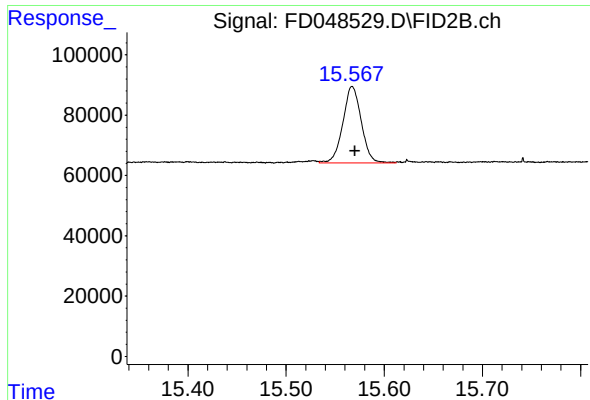
#13 n-Docosane (C22)

R.T.: 13.456 min
Delta R.T.: -0.003 min
Response: 357551
Conc: 2.09 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.552 min
Delta R.T.: -0.002 min
Response: 370612
Conc: 2.19 ug/ml



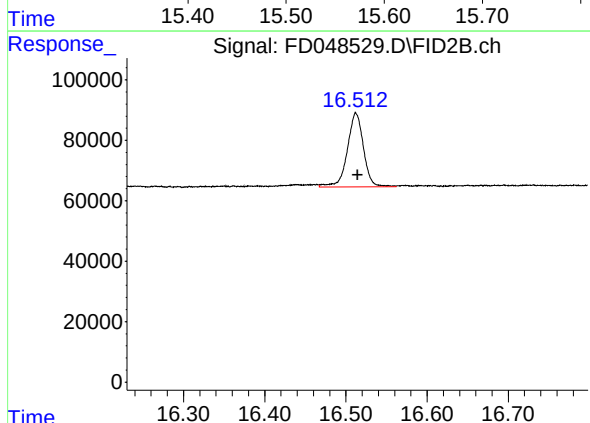
#15 n-Hexacosane (C26)

R.T.: 15.567 min
Delta R.T.: -0.003 min
Response: 331252
Conc: 2.00 ug/ml

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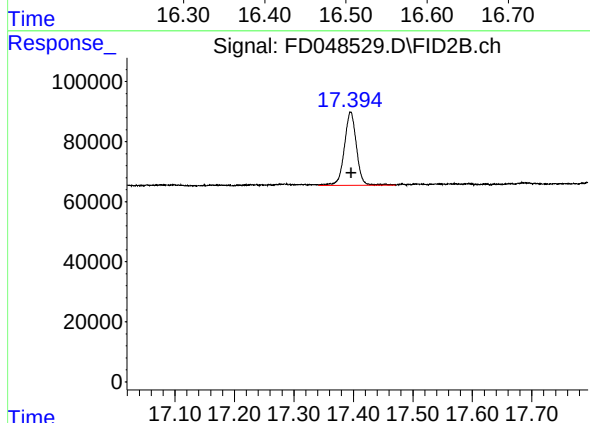
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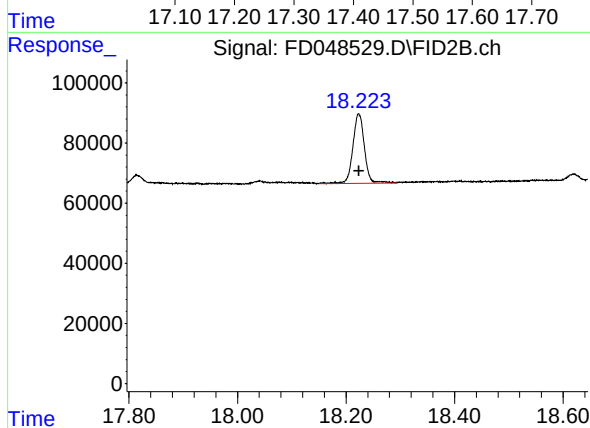
#16 n-Octacosane (C28)

R.T.: 16.512 min
Delta R.T.: -0.002 min
Response: 337041
Conc: 2.05 ug/ml



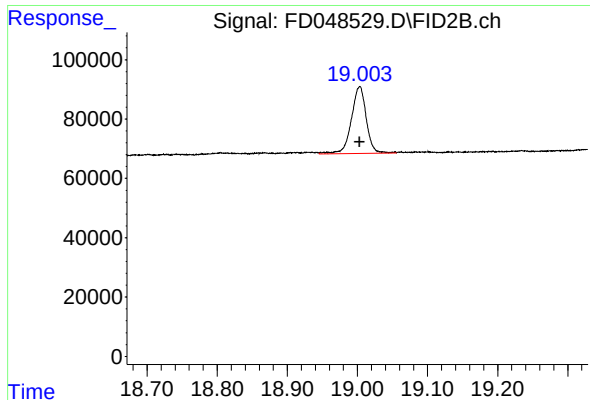
#17 n-Tricontane (C30)

R.T.: 17.395 min
Delta R.T.: -0.001 min
Response: 344585
Conc: 2.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 342062
Conc: 2.04 ug/ml



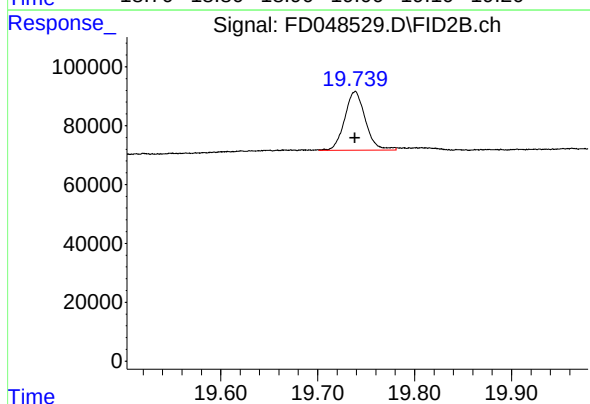
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 334966
Conc: 2.32 ug/ml

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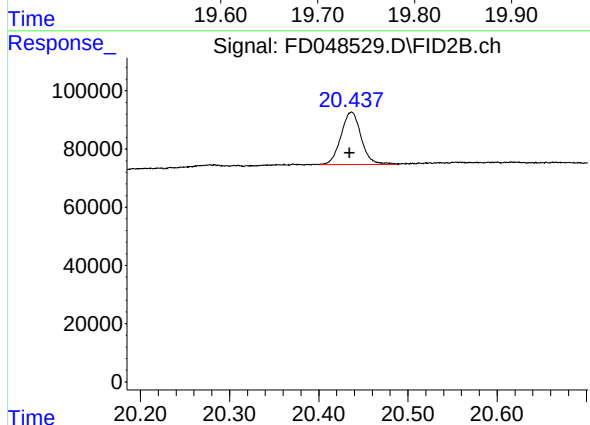
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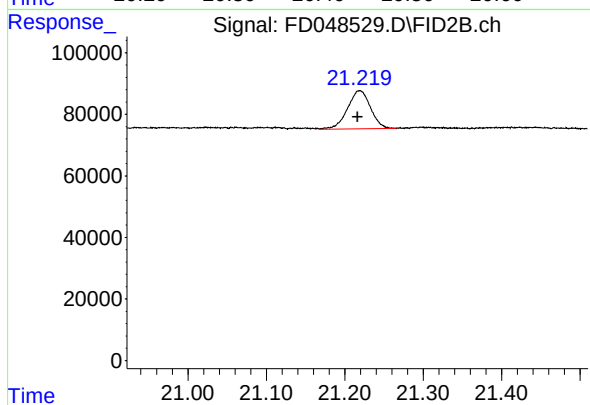
#20 n-Hexatriacontane (C36)

R.T.: 19.739 min
Delta R.T.: 0.000 min
Response: 297274
Conc: 2.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 281908
Conc: 2.52 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.219 min
Delta R.T.: 0.002 min
Response: 253062
Conc: 2.53 ug/ml