

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101524AL\
 Data File : FD048530.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 16:41
 Operator : YP/AJ
 Sample : P4368-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-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 02:30:35 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	5962064	39.854 ug/ml
Spiked Amount 50.000		Recovery =	79.71%
Target Compounds			
1) T n-Nonane (C9)	3.124	226325	1.348 ug/ml
2) T n-Decane (C10)	4.168	284828	1.641 ug/ml
4) T n-Dodecane (C12)	6.161	387422	2.213 ug/ml
6) T n-Tetradecane (C14)	7.943	353475	2.026 ug/ml
7) T n-Hexadecane (C16)	9.532	333737	1.852 ug/ml
8) T n-Octadecane (C18)	10.964	348459	1.919 ug/ml
10) T n-Eicosane (C20)	12.265	356599	2.045 ug/ml
11) T n-Heneicosane (C21)	12.873	347766	2.033 ug/ml
13) T n-Docosane (C22)	13.456	345756	2.025 ug/ml
14) T n-Tetracosane (C24)	14.553	348251	2.056 ug/ml
15) T n-Hexacosane (C26)	15.568	324034	1.958 ug/ml
16) T n-Octacosane (C28)	16.514	320548	1.947 ug/ml
17) T n-Tricontane (C30)	17.396	301476	1.758 ug/ml
18) T n-Dotriacontane (C32)	18.224	304224	1.818 ug/ml
19) T n-Tetratriacontane (C34)	19.003	302247	2.095 ug/ml
20) T n-Hexatriacontane (C36)	19.738	281775	2.347 ug/mlm
21) T n-Octatriacontane (C38)	20.435	255618	2.283 ug/mlm
22) T n-Tetracontane (C40)	21.218	228577	2.283 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

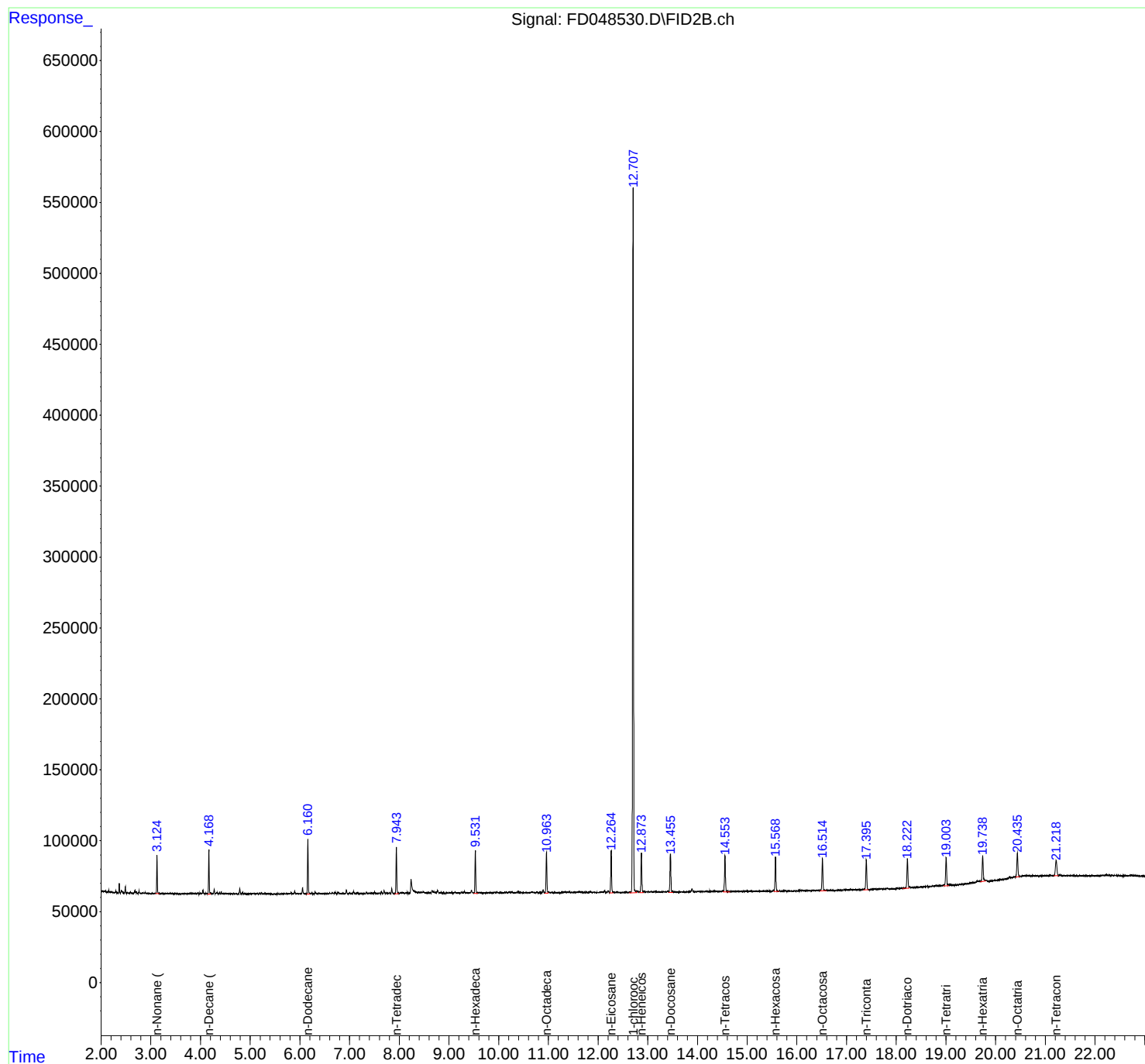
Instrument :
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ClientSampleId :
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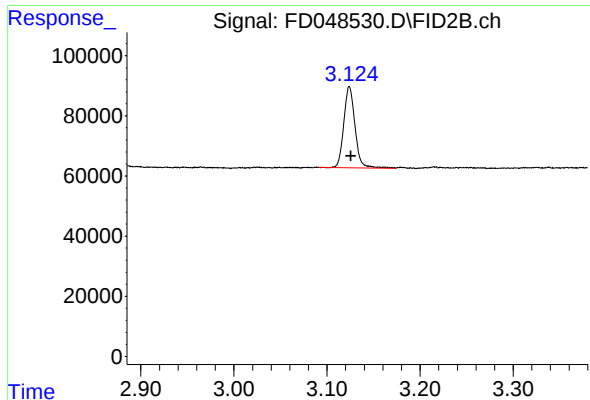
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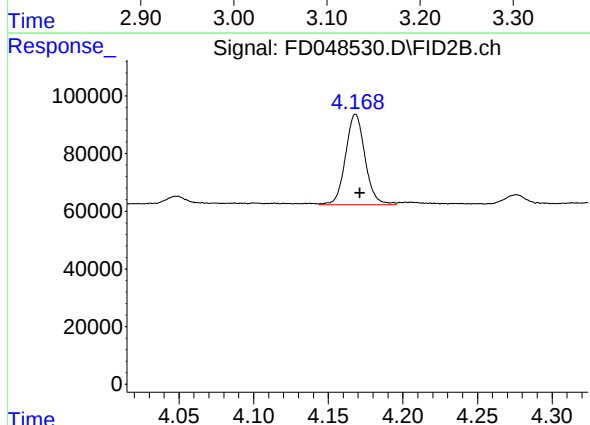
#1 n-Nonane (C9)

R.T.: 3.124 min
Delta R.T.: -0.002 min
Response: 226325
Conc: 1.35 ug/ml

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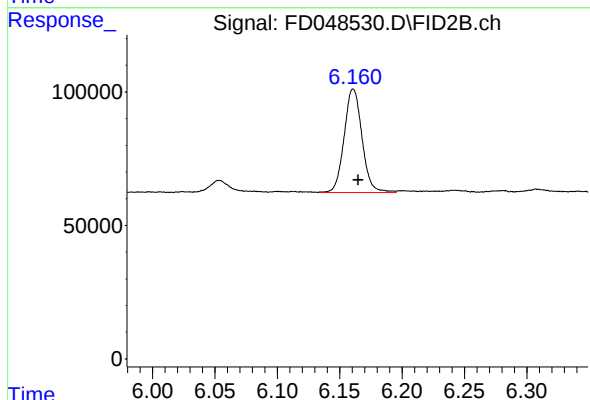
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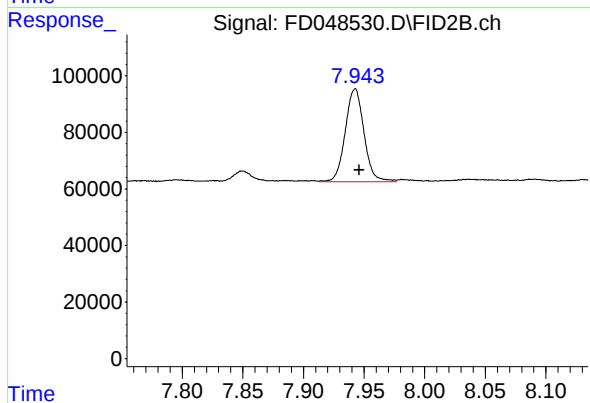
#2 n-Decane (C10)

R.T.: 4.168 min
Delta R.T.: -0.003 min
Response: 284828
Conc: 1.64 ug/ml



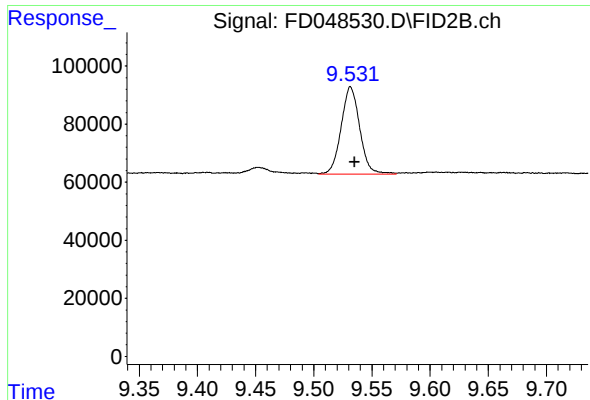
#4 n-Dodecane (C12)

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 387422
Conc: 2.21 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.943 min
Delta R.T.: -0.003 min
Response: 353475
Conc: 2.03 ug/ml



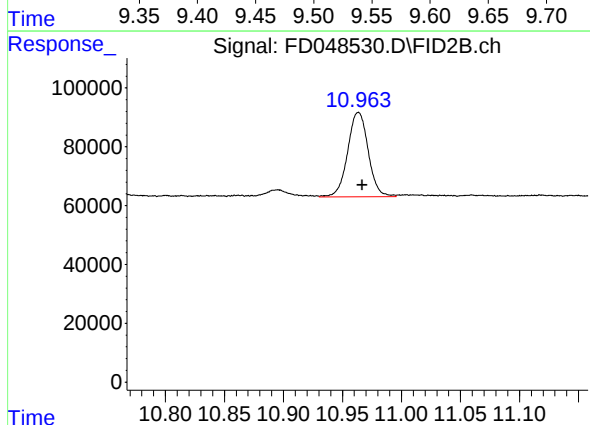
#7 n-Hexadecane (C16)

R.T.: 9.532 min
Delta R.T.: -0.003 min
Response: 333737
Conc: 1.85 ug/ml

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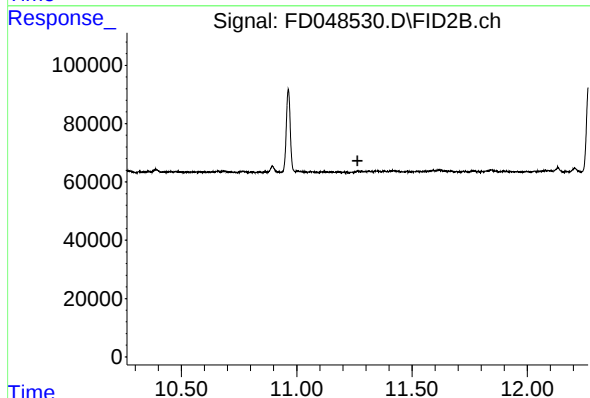
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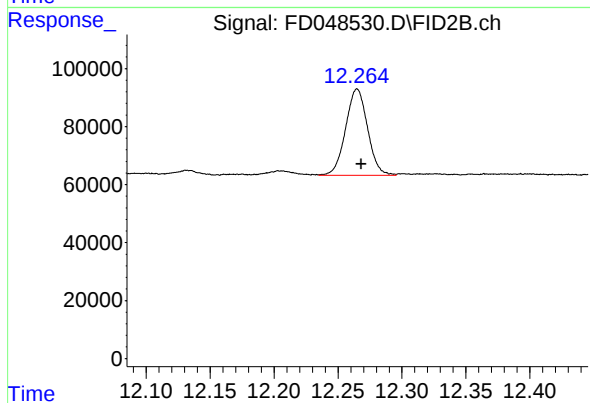
#8 n-Octadecane (C18)

R.T.: 10.964 min
Delta R.T.: -0.003 min
Response: 348459
Conc: 1.92 ug/ml



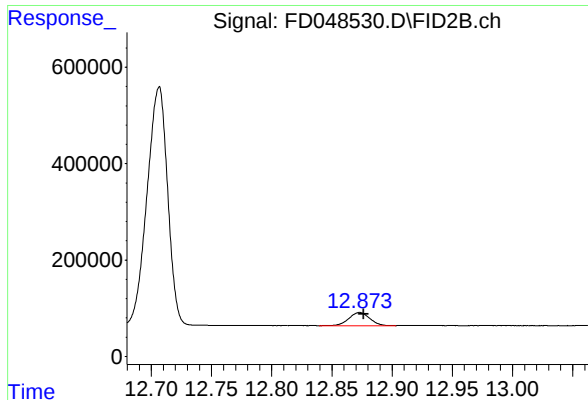
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.265 min
Delta R.T.: -0.003 min
Response: 356599
Conc: 2.04 ug/ml



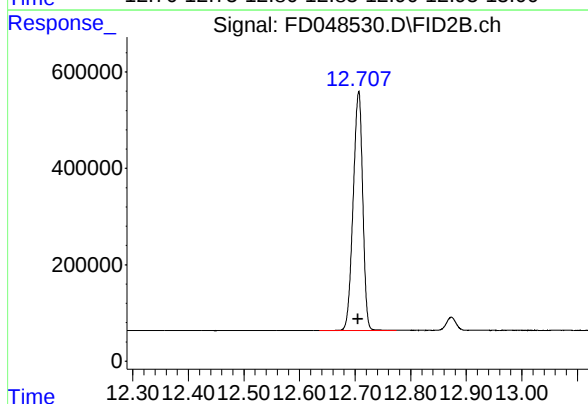
#11 n-Heneicosane (C21)

R.T.: 12.873 min
Delta R.T.: -0.003 min
Response: 347766
Conc: 2.03 ug/ml

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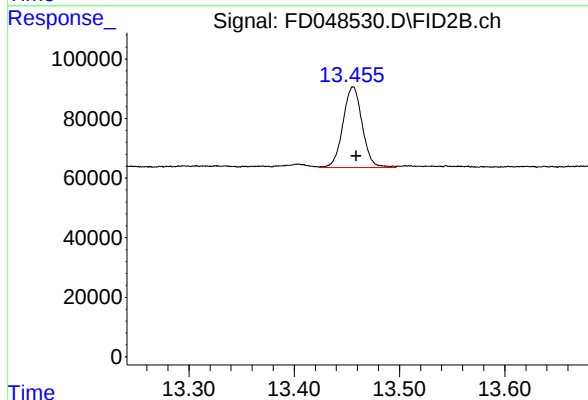
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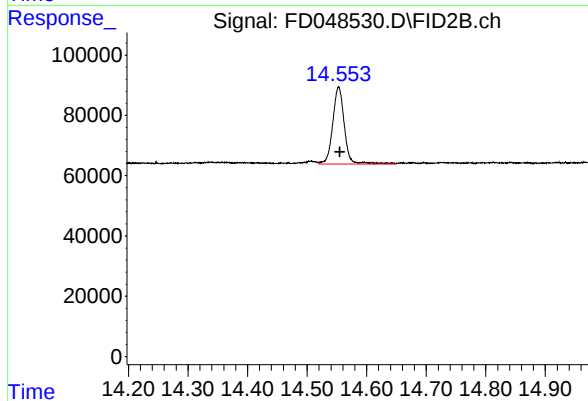
#12 1-chlorooctadecane (SURR)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 5962064
Conc: 39.85 ug/ml



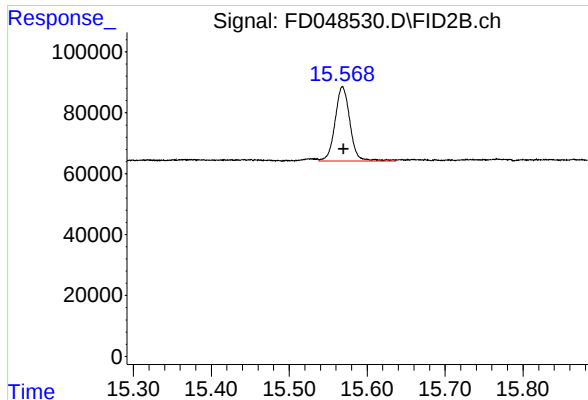
#13 n-Docosane (C22)

R.T.: 13.456 min
Delta R.T.: -0.003 min
Response: 345756
Conc: 2.02 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.553 min
Delta R.T.: -0.002 min
Response: 348251
Conc: 2.06 ug/ml



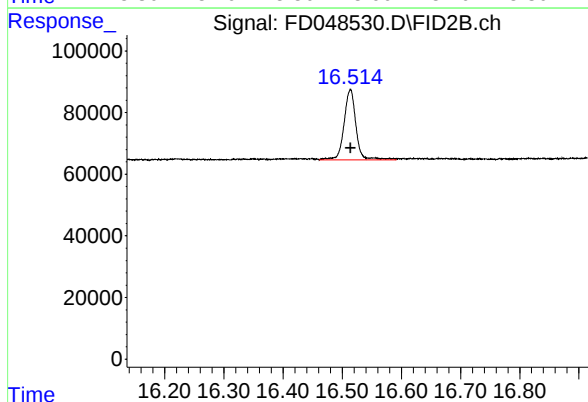
#15 n-Hexacosane (C26)

R.T.: 15.568 min
Delta R.T.: -0.002 min
Response: 324034
Conc: 1.96 ug/ml

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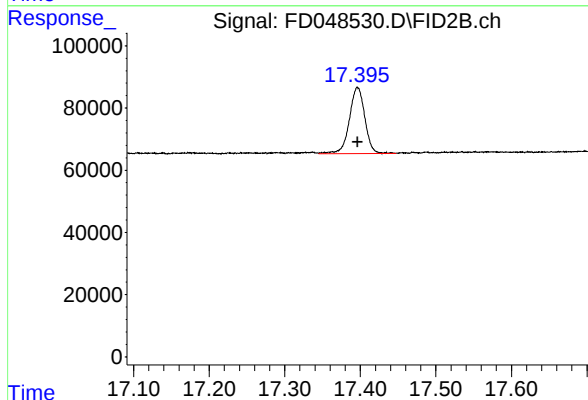
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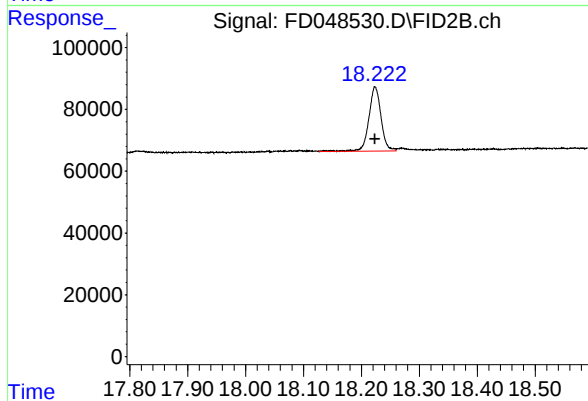
#16 n-Octacosane (C28)

R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 320548
Conc: 1.95 ug/ml



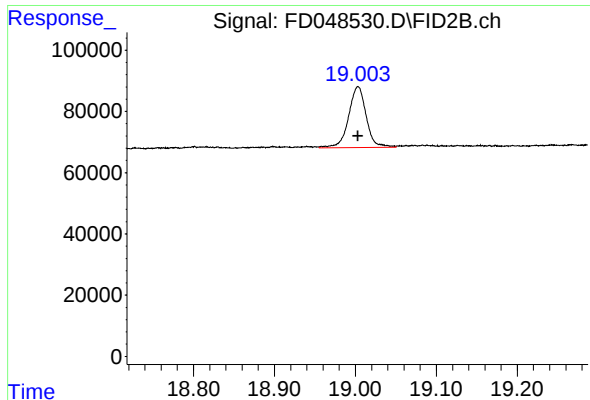
#17 n-Tricontane (C30)

R.T.: 17.396 min
Delta R.T.: 0.000 min
Response: 301476
Conc: 1.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 304224
Conc: 1.82 ug/ml



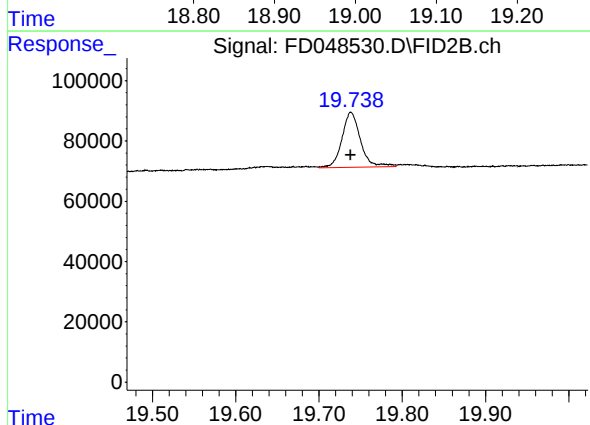
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 302247
Conc: 2.09 ug/ml

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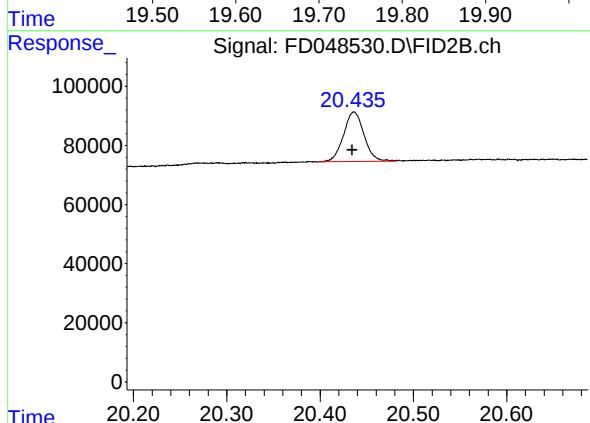
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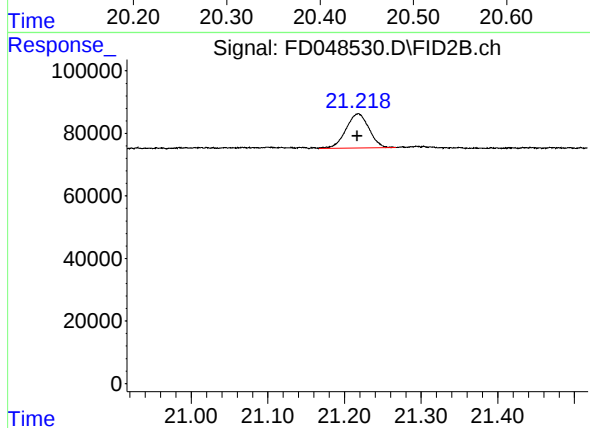
#20 n-Hexatriacontane (C36)

R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 281775
Conc: 2.35 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 255618
Conc: 2.28 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.000 min
Response: 228577
Conc: 2.28 ug/ml