

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014387.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 11:53
 Operator : YP\AJ
 Sample : P3390-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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...	13.258	4204312	44.968 ug/ml
Spiked Amount 50.000		Recovery =	89.94%
Target Compounds			
1) T n-Nonane (C9)	3.219	169858	1.314 ug/ml
2) T n-Decane (C10)	4.466	208100	1.588 ug/ml
4) T n-Dodecane (C12)	6.630	319031	2.412 ug/ml
6) T n-Tetradecane (C14)	8.456	282105	2.191 ug/ml
7) T n-Hexadecane (C16)	10.062	229163	1.770 ug/ml
8) T n-Octadecane (C18)	11.505	314931	2.385 ug/ml
10) T n-Eicosane (C20)	12.813	278863	2.219 ug/ml
11) T n-Heneicosane (C21)	13.425	266623	2.174 ug/ml
13) T n-Docosane (C22)	14.012	262385	2.189 ug/ml
14) T n-Tetracosane (C24)	15.117	251862	2.155 ug/ml
15) T n-Hexacosane (C26)	16.138	253282	2.241 ug/ml
16) T n-Octacosane (C28)	17.089	251479	2.281 ug/ml
17) T n-Tricontane (C30)	17.976	266900	2.391 ug/ml
18) T n-Dotriacontane (C32)	18.809	284578	2.593 ug/ml
19) T n-Tetratriacontane (C34)	19.593	228296	2.224 ug/ml
20) T n-Hexatriacontane (C36)	20.333	152600	1.709 ug/ml
21) T n-Octatriacontane (C38)	21.059	97462	1.415 ug/ml
22) T n-Tetracontane (C40)	21.938	70564	1.577 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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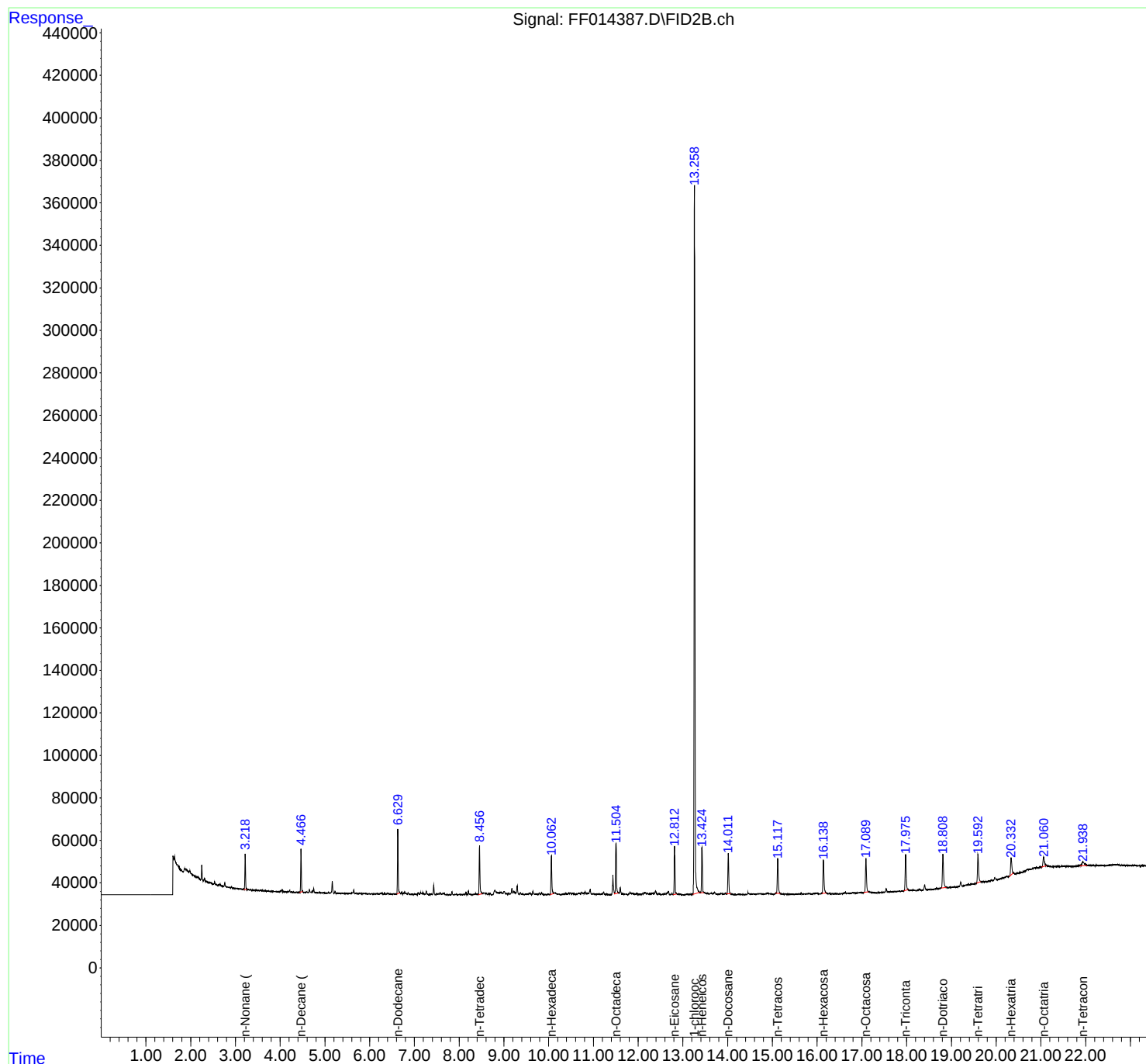
Instrument :
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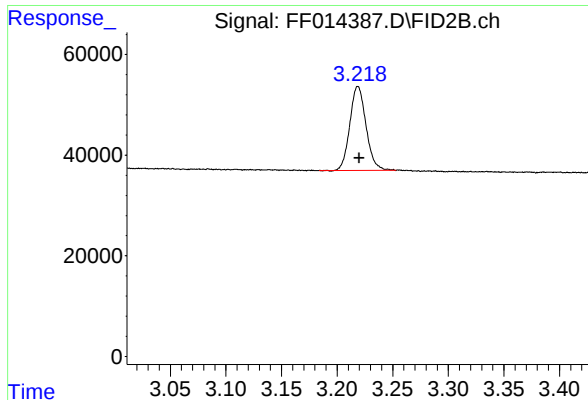
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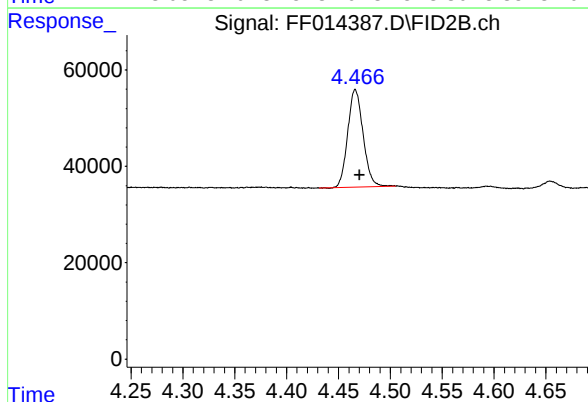
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.001 min
Response: 169858
Conc: 1.31 ug/ml

Instrument : FID_F
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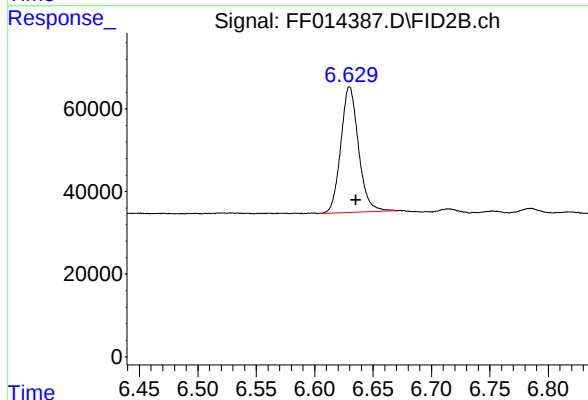
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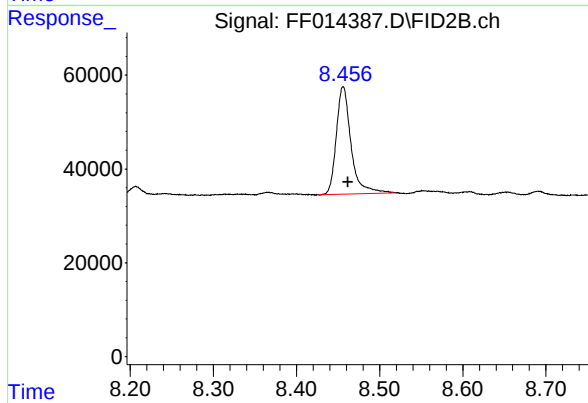
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 208100
Conc: 1.59 ug/ml



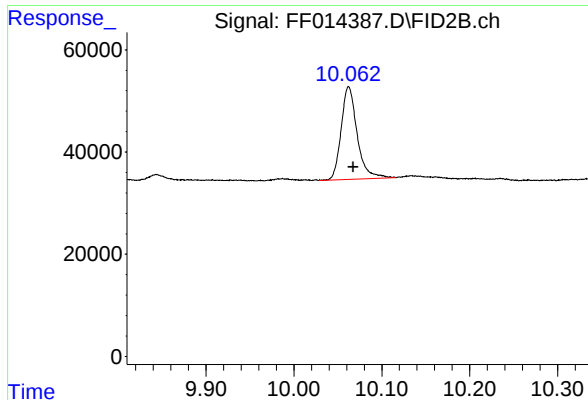
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 319031
Conc: 2.41 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 282105
Conc: 2.19 ug/ml



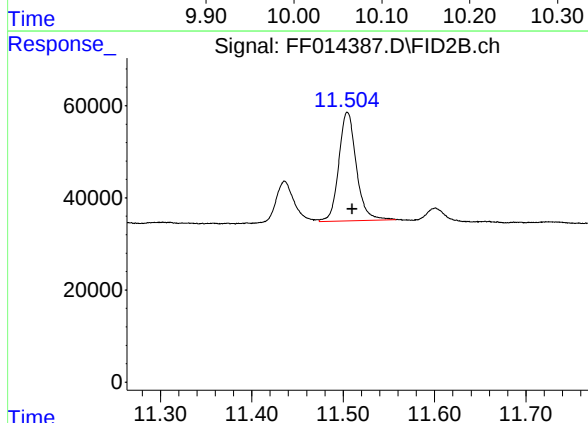
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.005 min
Response: 229163
Conc: 1.77 ug/ml

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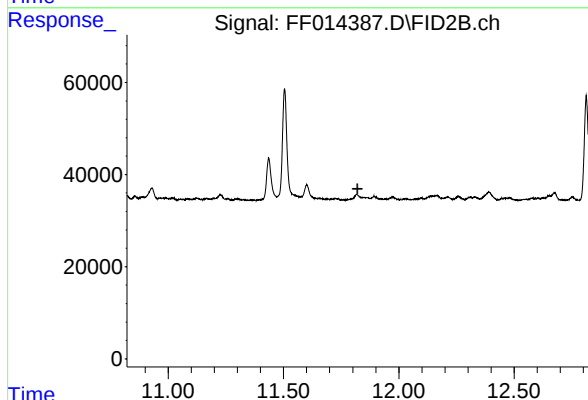
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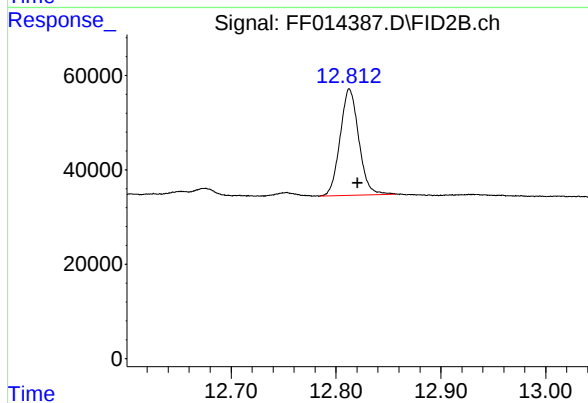
#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.005 min
Response: 314931
Conc: 2.39 ug/ml



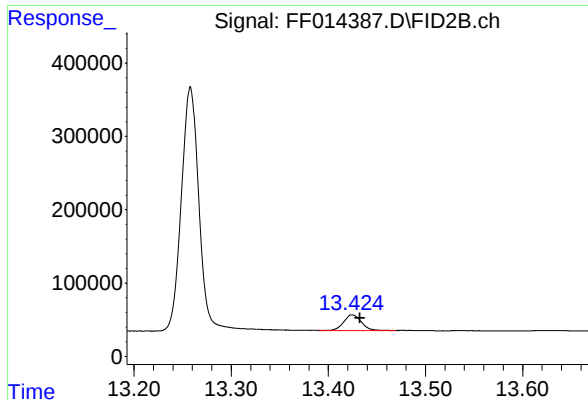
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.008 min
Response: 278863
Conc: 2.22 ug/ml



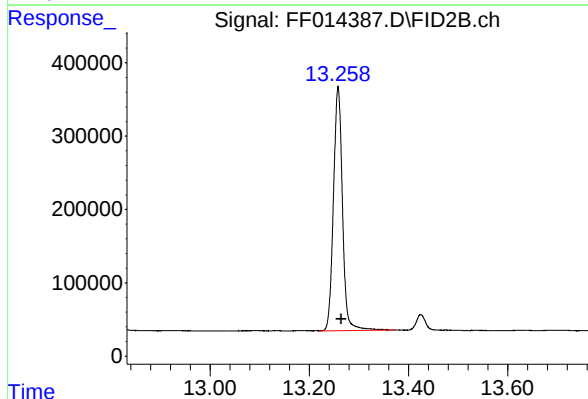
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 266623
Conc: 2.17 ug/ml

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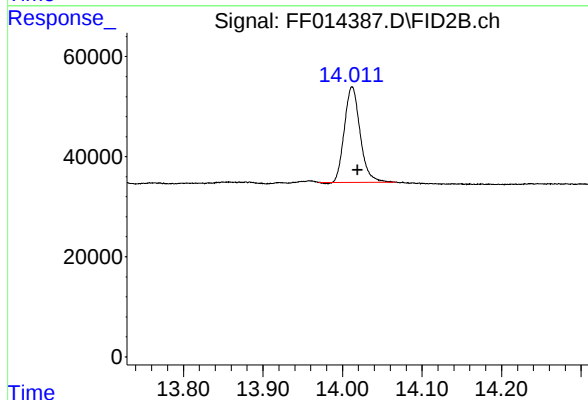
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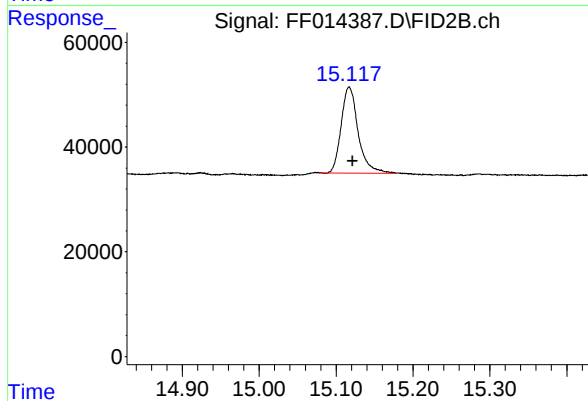
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.006 min
Response: 4204312
Conc: 44.97 ug/ml



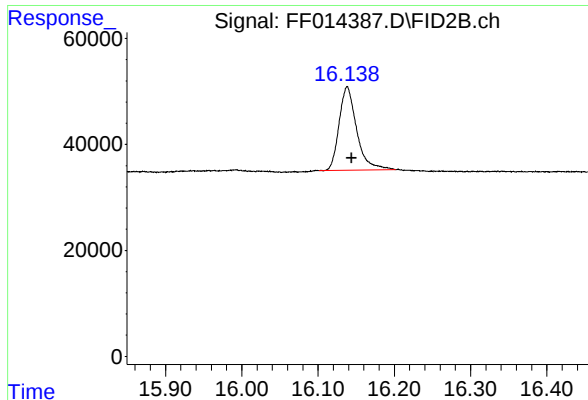
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.007 min
Response: 262385
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.117 min
Delta R.T.: -0.005 min
Response: 251862
Conc: 2.16 ug/ml



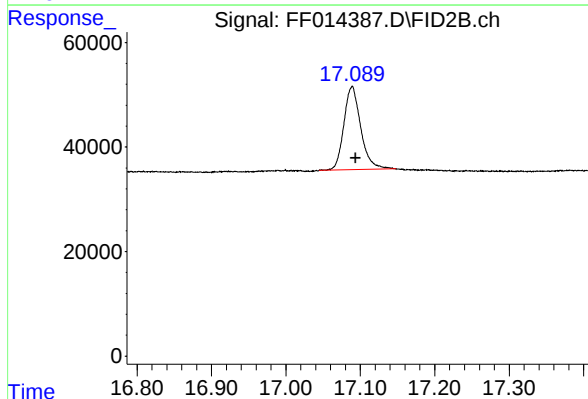
#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.006 min
Response: 253282
Conc: 2.24 ug/ml

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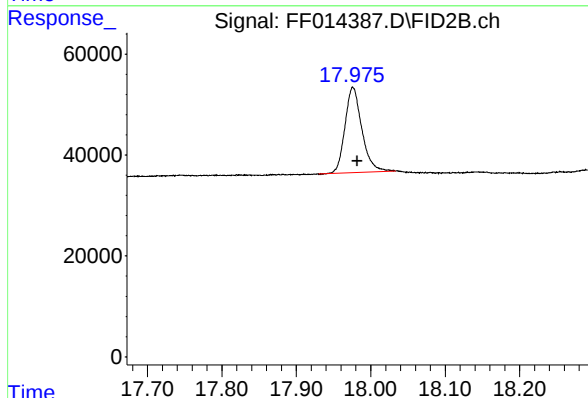
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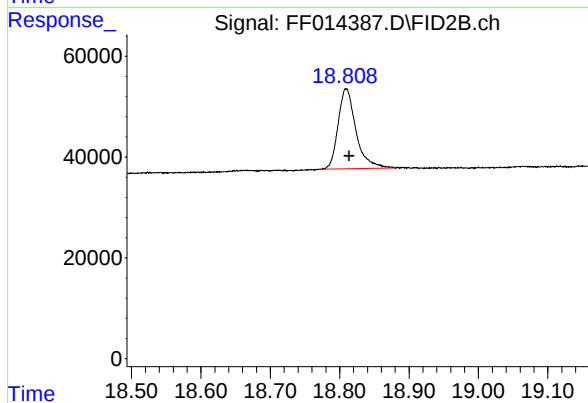
#16 n-Octacosane (C28)

R.T.: 17.089 min
Delta R.T.: -0.005 min
Response: 251479
Conc: 2.28 ug/ml



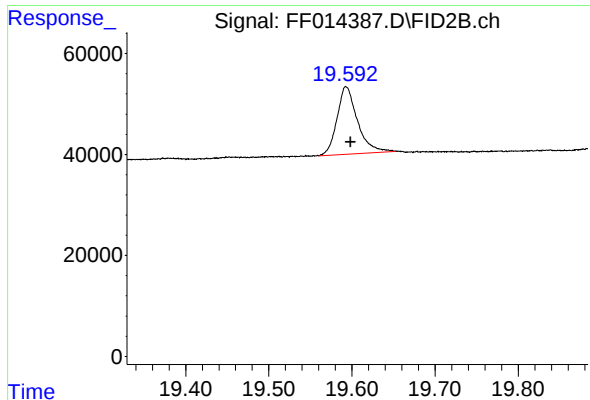
#17 n-Tricontane (C30)

R.T.: 17.976 min
Delta R.T.: -0.006 min
Response: 266900
Conc: 2.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.809 min
Delta R.T.: -0.005 min
Response: 284578
Conc: 2.59 ug/ml



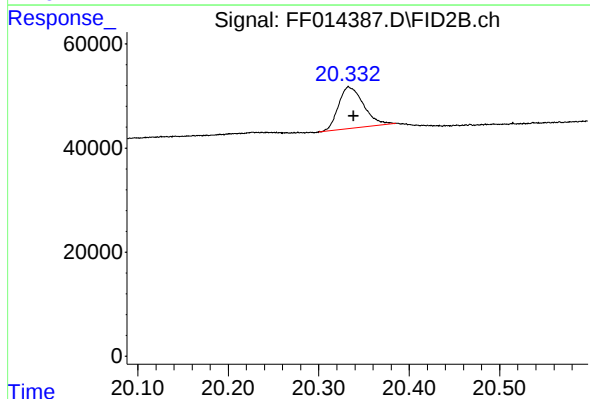
#19 n-Tetratriacontane (C34)

R.T.: 19.593 min
Delta R.T.: -0.006 min
Response: 228296
Conc: 2.22 ug/ml

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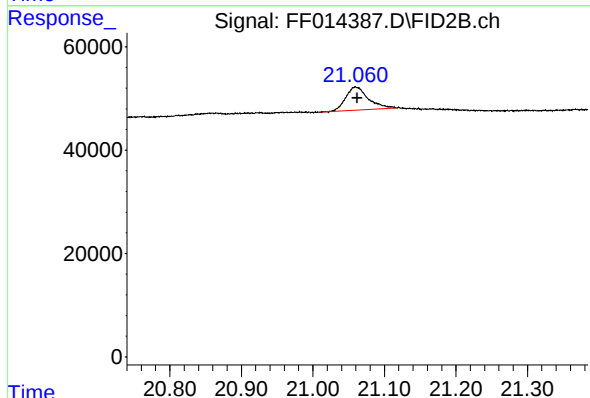
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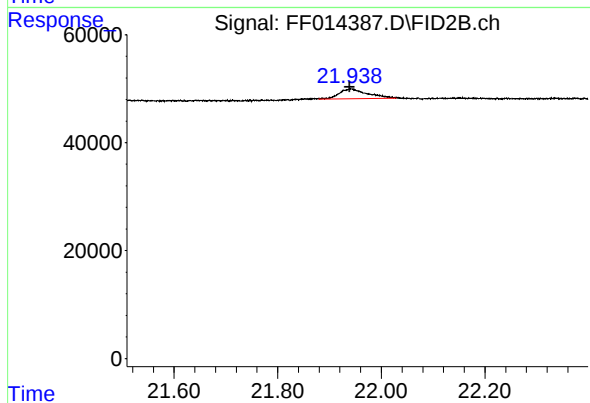
#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.006 min
Response: 152600
Conc: 1.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.003 min
Response: 97462
Conc: 1.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.938 min
Delta R.T.: 0.000 min
Response: 70564
Conc: 1.58 ug/ml m