

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080624AL\
 Data File : FF014400.D
 Signal(s) : FID2B.ch
 Acq On : 06 Aug 2024 03:24
 Operator : YP\AJ
 Sample : P3390-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-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 07:18:26 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...	13.257	3075261	32.892 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
Target Compounds			
1) T n-Nonane (C9)	3.218	168240	1.302 ug/ml
2) T n-Decane (C10)	4.466	196731	1.501 ug/ml
4) T n-Dodecane (C12)	6.630	302839	2.290 ug/ml
6) T n-Tetradecane (C14)	8.456	295255	2.294 ug/ml
7) T n-Hexadecane (C16)	10.063	215860	1.667 ug/ml
8) T n-Octadecane (C18)	11.504	276054	2.091 ug/ml
10) T n-Eicosane (C20)	12.813	284115	2.261 ug/ml
11) T n-Heneicosane (C21)	13.425	258165	2.105 ug/ml
13) T n-Docosane (C22)	14.011	271174	2.263 ug/mlm
14) T n-Tetracosane (C24)	15.116	286234	2.449 ug/ml
15) T n-Hexacosane (C26)	16.137	274615	2.430 ug/ml
16) T n-Octacosane (C28)	17.087	300381	2.725 ug/ml
17) T n-Tricontane (C30)	17.974	359664	3.222 ug/ml
18) T n-Dotriacontane (C32)	18.806	388524	3.540 ug/ml
19) T n-Tetratriacontane (C34)	19.592	309273	3.013 ug/ml
20) T n-Hexatriacontane (C36)	20.333	219107	2.454 ug/ml
21) T n-Octatriacontane (C38)	21.060	121515	1.765 ug/ml
22) T n-Tetracontane (C40)	21.945	89945	2.010 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P3390-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

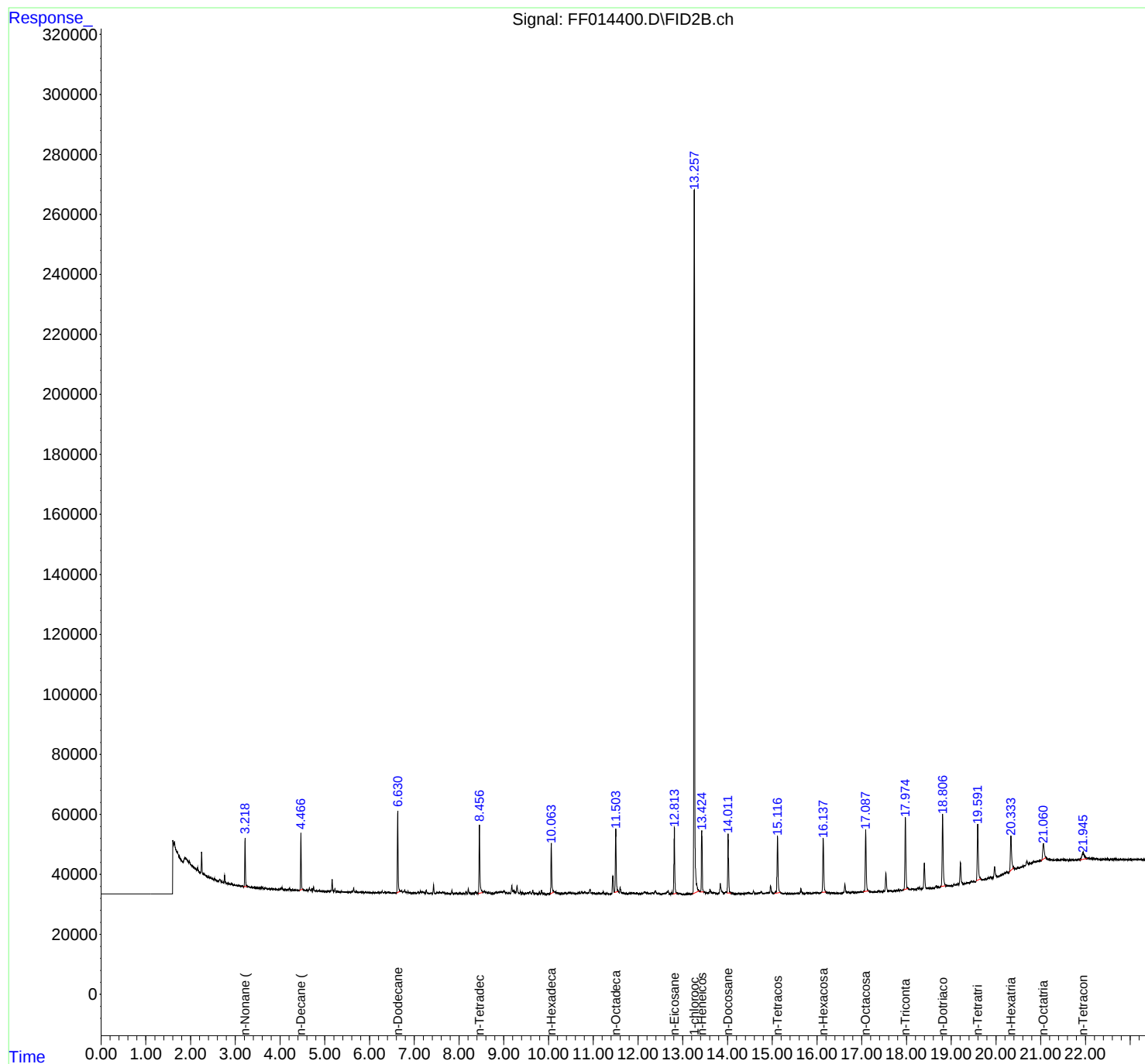
Instrument :
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ClientSampleId :
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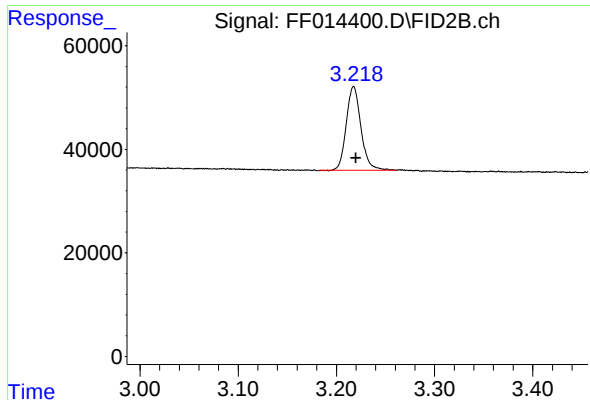
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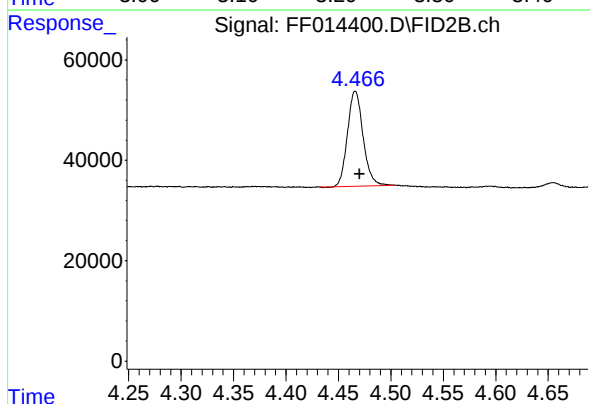
#1 n-Nonane (C9)

R.T.: 3.218 min
Delta R.T.: -0.002 min
Response: 168240
Conc: 1.30 ug/ml

Instrument : FID_F
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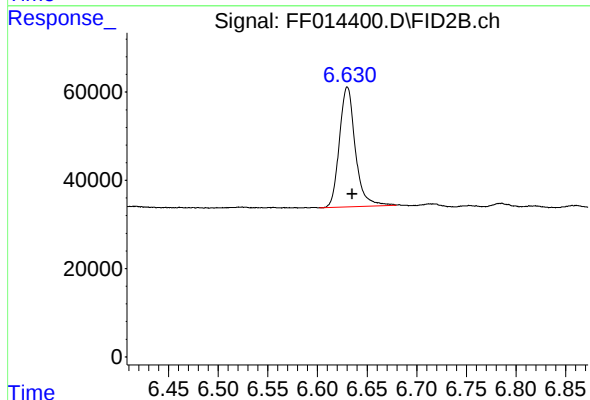
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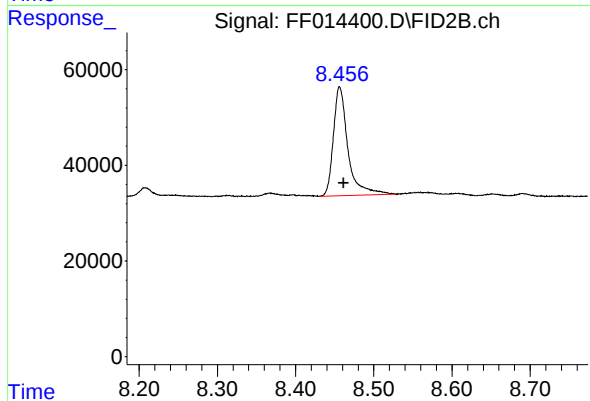
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.004 min
Response: 196731
Conc: 1.50 ug/ml



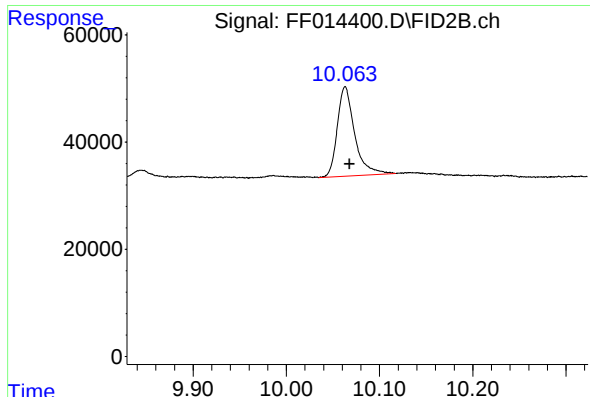
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 302839
Conc: 2.29 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 295255
Conc: 2.29 ug/ml



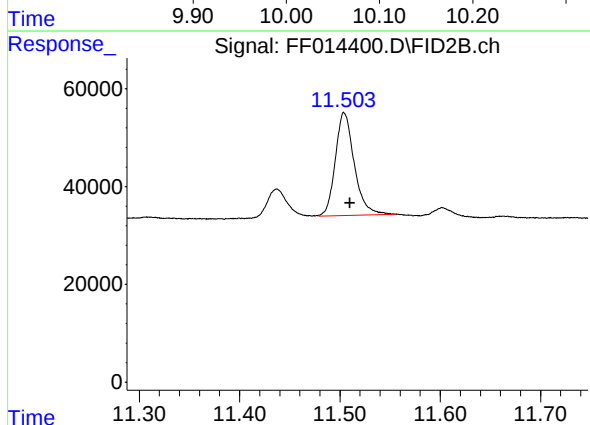
#7 n-Hexadecane (C16)

R.T.: 10.063 min
Delta R.T.: -0.004 min
Response: 215860
Conc: 1.67 ug/ml

Instrument :
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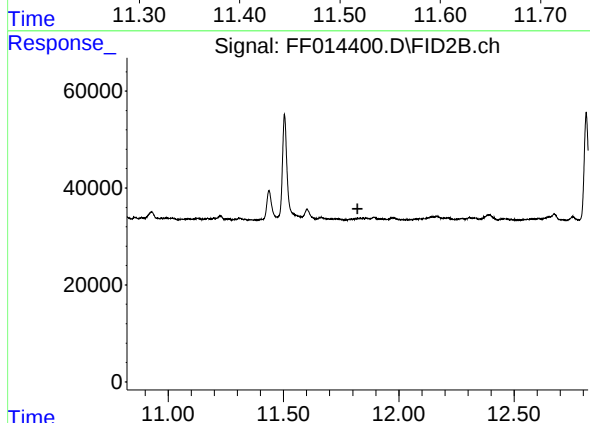
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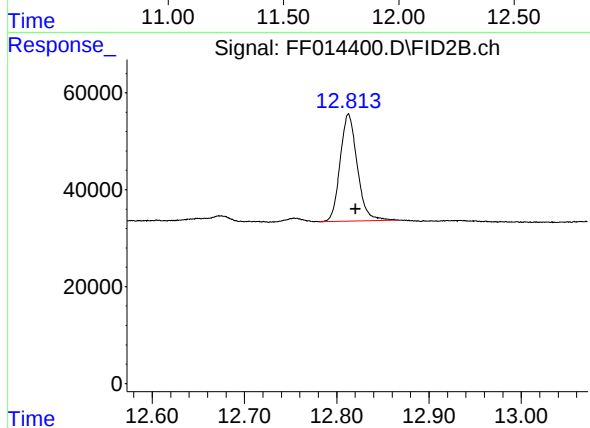
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 276054
Conc: 2.09 ug/ml



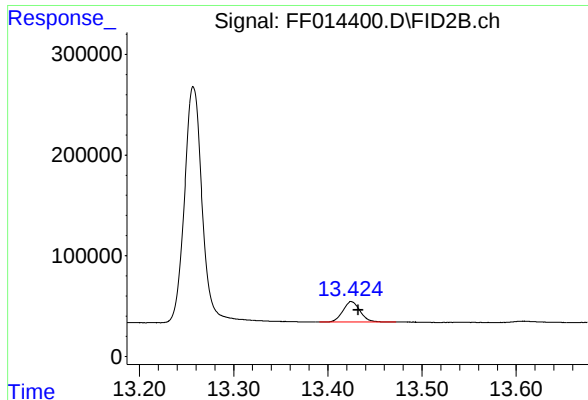
#9 ortho-Terphenyl (SURR)

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: 284115
Conc: 2.26 ug/ml



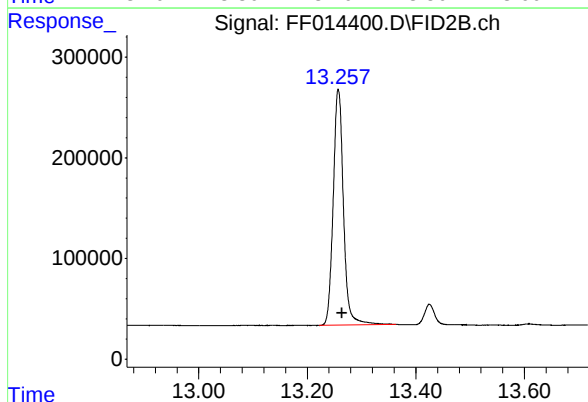
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.007 min
Response: 258165
Conc: 2.10 ug/ml

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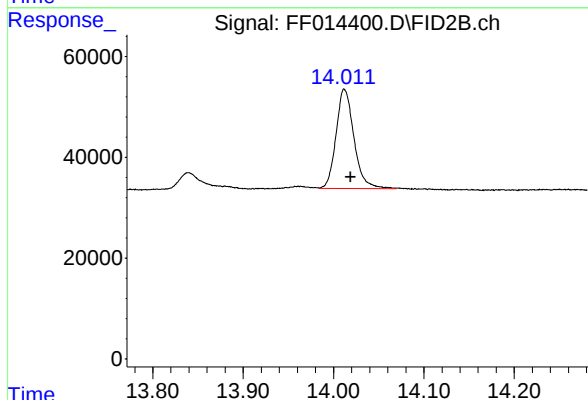
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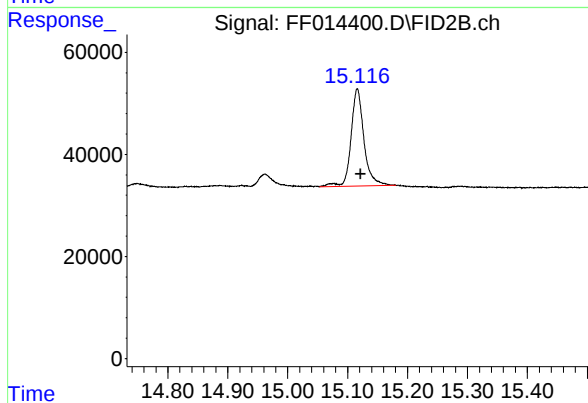
#12 1-chlorooctadecane (SURR)

R.T.: 13.257 min
Delta R.T.: -0.007 min
Response: 3075261
Conc: 32.89 ug/ml



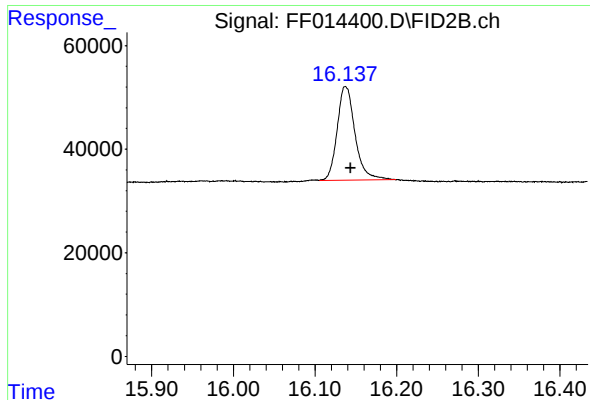
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 271174
Conc: 2.26 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.005 min
Response: 286234
Conc: 2.45 ug/ml



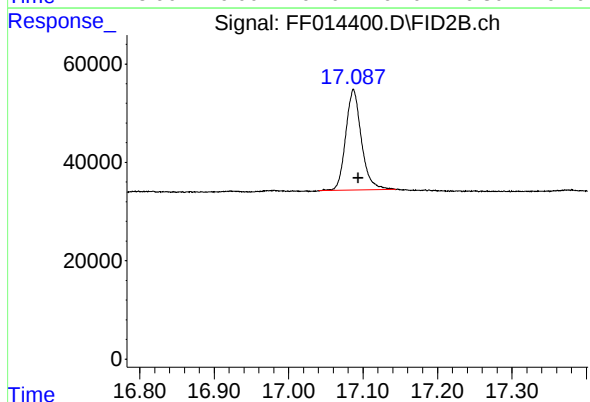
#15 n-Hexacosane (C26)

R.T.: 16.137 min
Delta R.T.: -0.007 min
Response: 274615
Conc: 2.43 ug/ml

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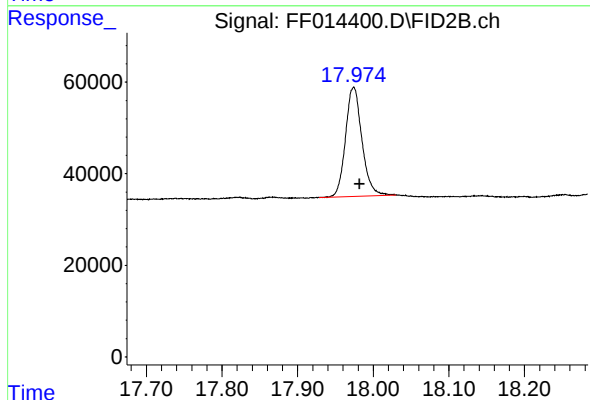
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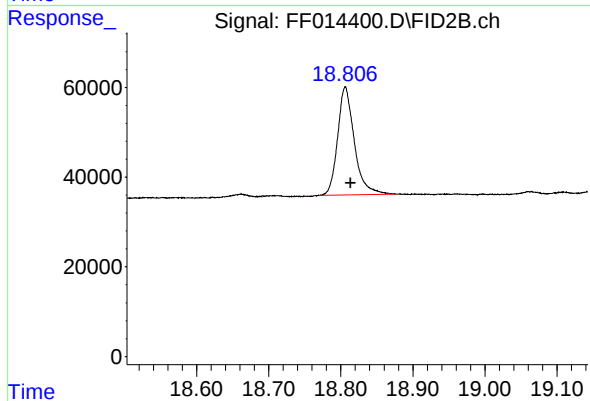
#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 300381
Conc: 2.73 ug/ml



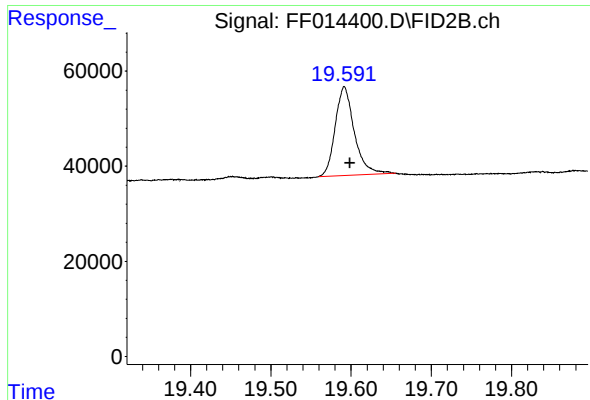
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.008 min
Response: 359664
Conc: 3.22 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.806 min
Delta R.T.: -0.008 min
Response: 388524
Conc: 3.54 ug/ml



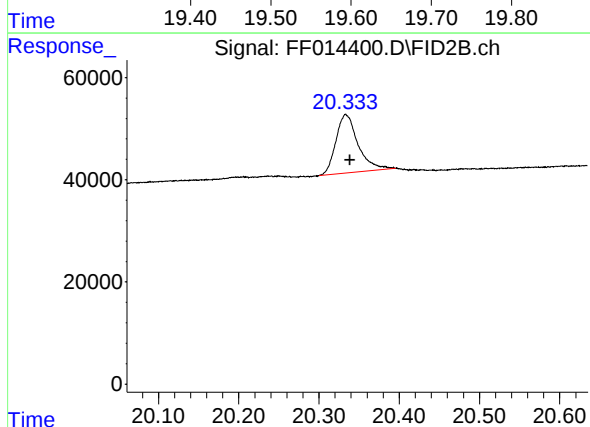
#19 n-Tetratriacontane (C34)

R.T.: 19.592 min
Delta R.T.: -0.007 min
Response: 309273
Conc: 3.01 ug/ml

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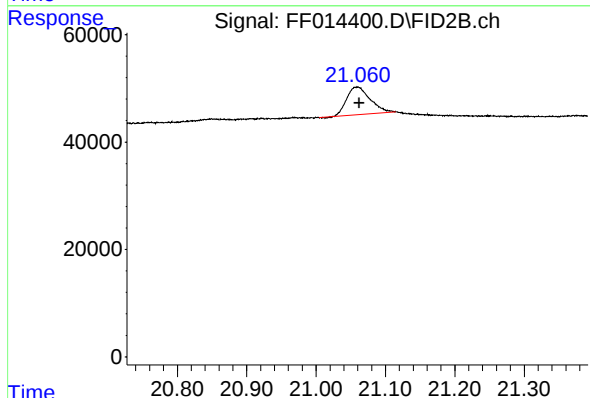
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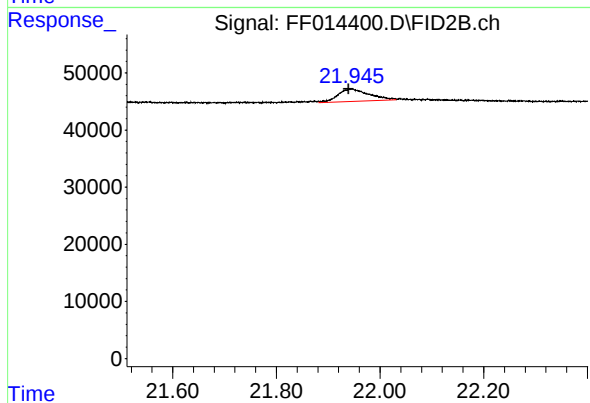
#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.005 min
Response: 219107
Conc: 2.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.060 min
Delta R.T.: -0.002 min
Response: 121515
Conc: 1.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: 0.006 min
Response: 89945
Conc: 2.01 ug/ml m