

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039864.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2021 3:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 04:20:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:55:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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			
9) S ortho-Terphenyl (SURR)	11.453	2689670	19.487 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	12.884	2112820	19.656 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T n-Nonane (C9)	3.259	2368523	19.742 ug/mlm
2) T n-Decane (C10)	4.319	2399241	19.899 ug/ml
3) T A~Naphthalene (C11.7)	5.896	2643022	20.457 ug/ml
4) T n-Dodecane (C12)	6.326	2397471	19.907 ug/ml
5) T A~2-methylnaphthalene...	6.946	2653210	20.577 ug/ml
6) T n-Tetradecane (C14)	8.111	2426013	20.015 ug/ml
7) T n-Hexadecane (C16)	9.704	2458143	20.088 ug/ml
8) T n-Octadecane (C18)	11.139	2538044	19.877 ug/ml
10) T n-Eicosane (C20)	12.442	2529432	19.706 ug/ml
11) T n-Heneicosane (C21)	13.051	2554330	19.497 ug/ml
13) T n-Docosane (C22)	13.633	2559355	19.570 ug/ml
14) T n-Tetracosane (C24)	14.731	2628901	19.656 ug/ml
15) T n-Hexacosane (C26)	15.747	2571272	19.563 ug/ml
16) T n-Octacosane (C28)	16.692	2531466	19.527 ug/ml
17) T n-Tricontane (C30)	17.574	2483997	20.039 ug/ml
18) T n-Dotriacontane (C32)	18.402	2352665	20.499 ug/ml
19) T n-Tetratriacontane (C34)	19.179	2203828	20.675 ug/mlm
20) T n-Hexatriacontane (C36)	19.916	2048483	20.922 ug/mlm
21) T n-Octatriacontane (C38)	20.624	1920447	21.104 ug/mlm
22) T n-Tetracontane (C40)	21.467	1904903	23.915 ug/mlm

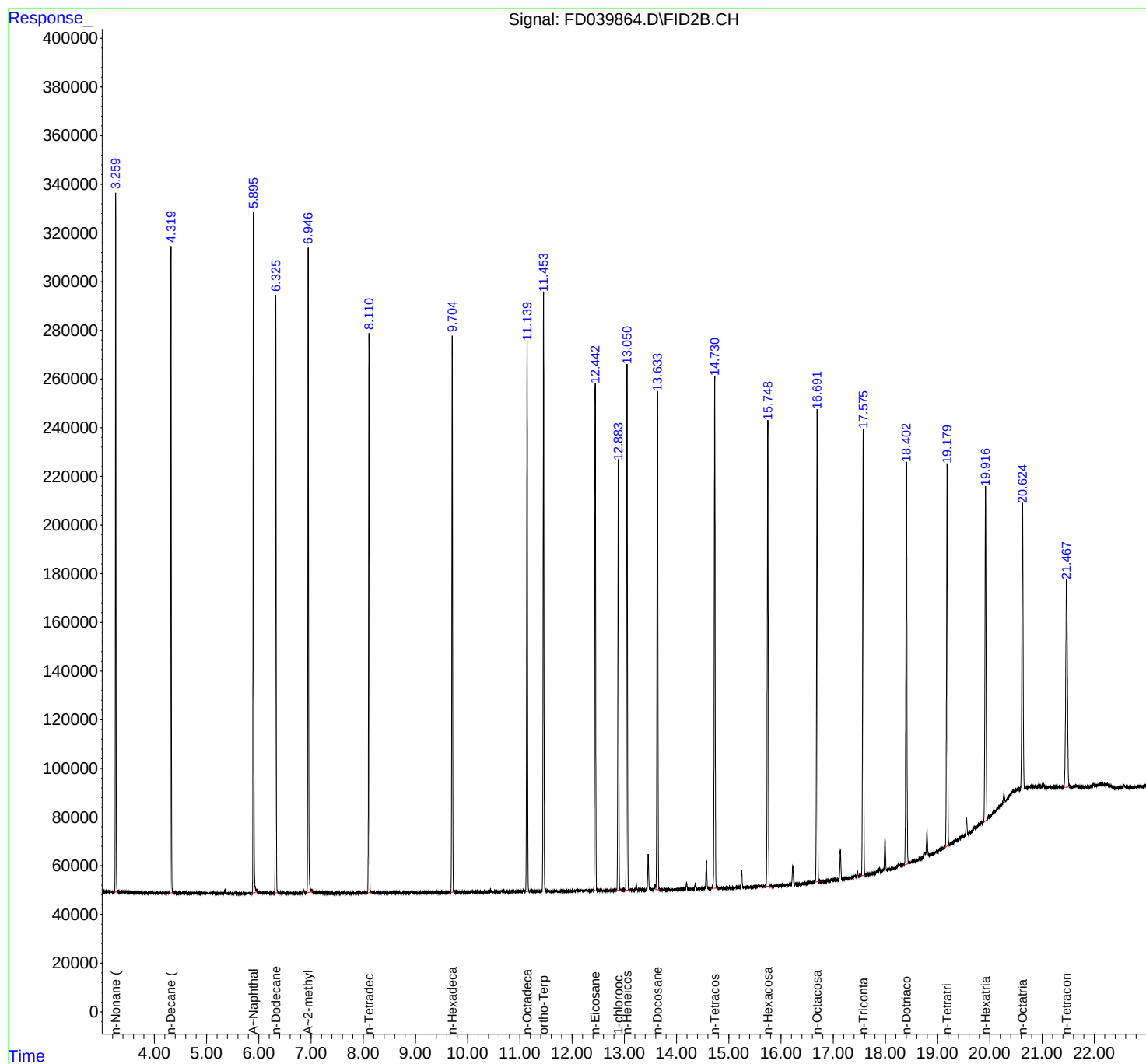
(f)=RT Delta > 1/2 Window

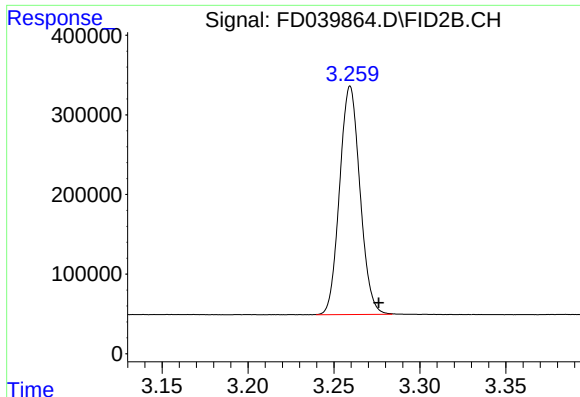
(m)=manual int.

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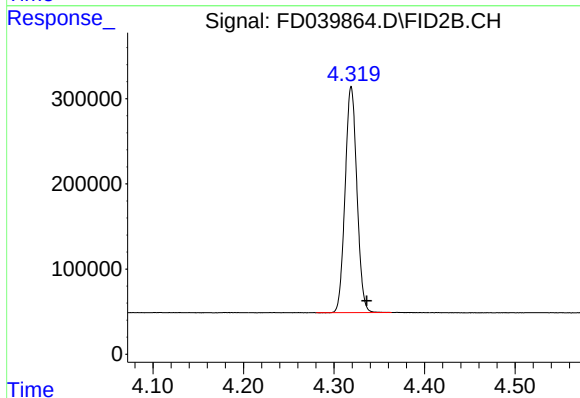
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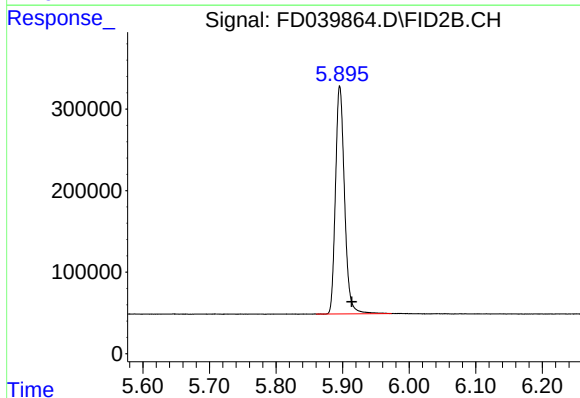
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.017 min
Response: 2368523
Conc: 19.74 ug/ml m



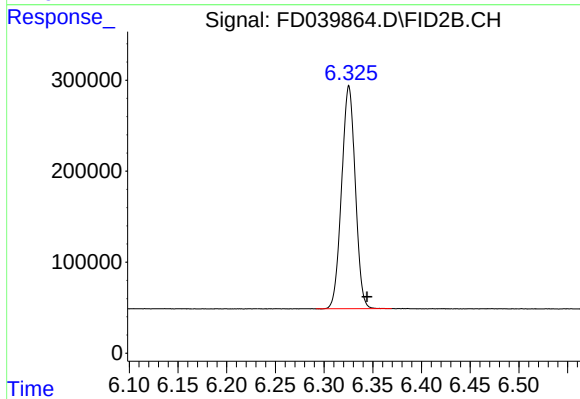
#2 n-Decane (C10)

R.T.: 4.319 min
Delta R.T.: -0.017 min
Response: 2399241
Conc: 19.90 ug/ml



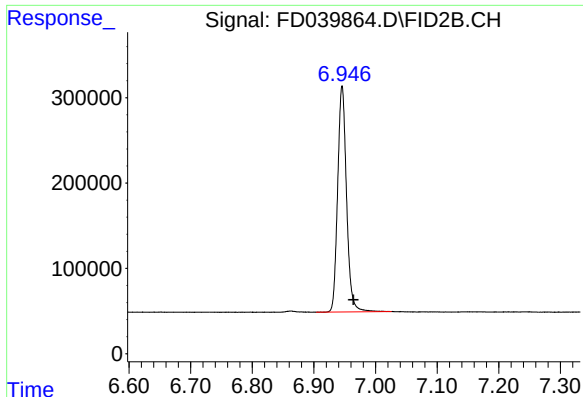
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.018 min
Response: 2643022
Conc: 20.46 ug/ml



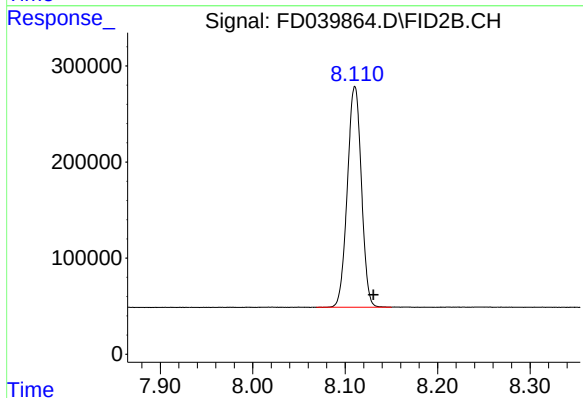
#4 n-Dodecane (C12)

R.T.: 6.326 min
Delta R.T.: -0.019 min
Response: 2397471
Conc: 19.91 ug/ml



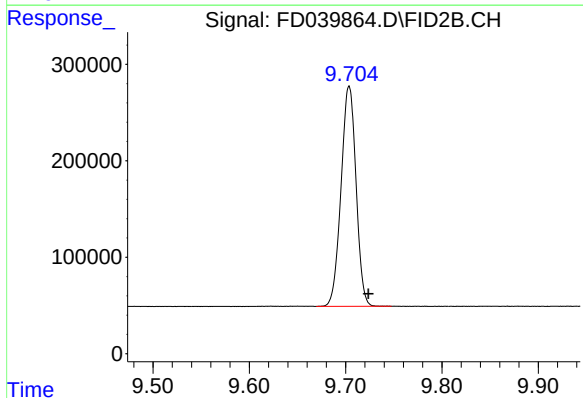
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.018 min
Response: 2653210
Conc: 20.58 ug/ml



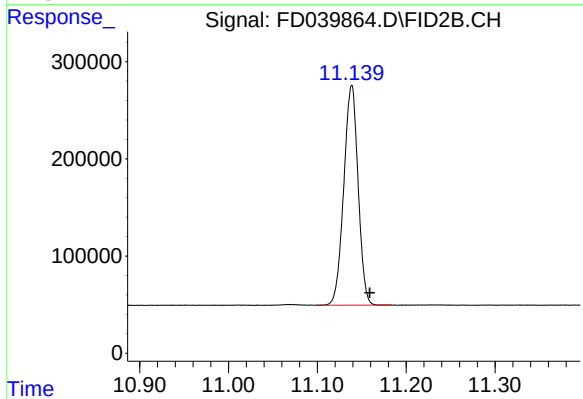
#6 n-Tetradecane (C14)

R.T.: 8.111 min
Delta R.T.: -0.020 min
Response: 2426013
Conc: 20.02 ug/ml



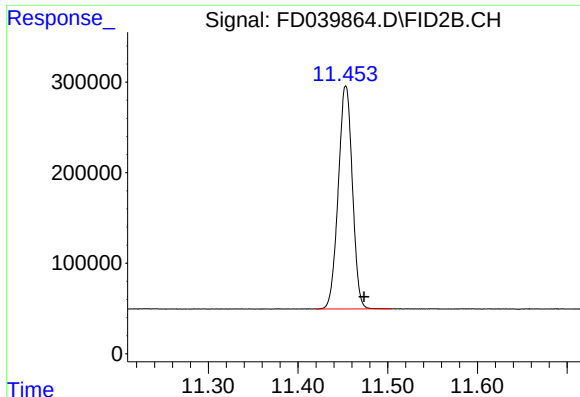
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: -0.020 min
Response: 2458143
Conc: 20.09 ug/ml



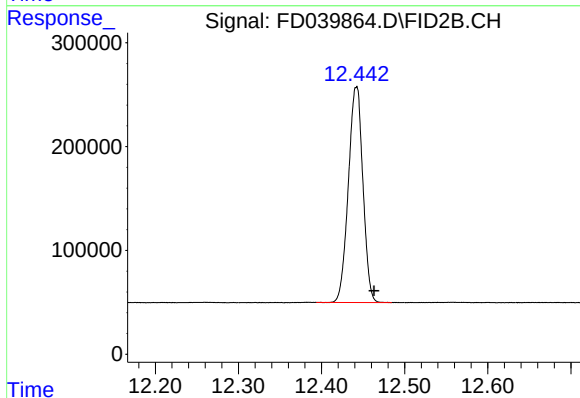
#8 n-Octadecane (C18)

R.T.: 11.139 min
Delta R.T.: -0.020 min
Response: 2538044
Conc: 19.88 ug/ml



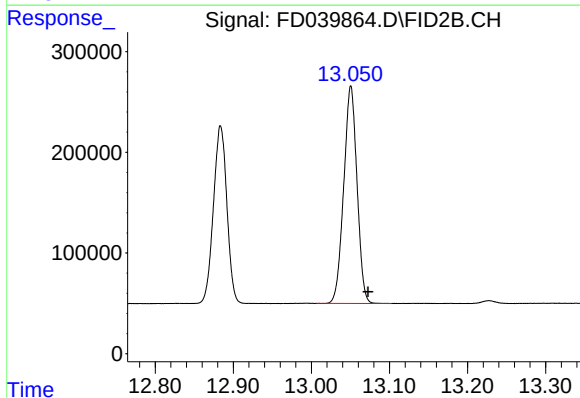
#9 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.020 min
Response: 2689670
Conc: 19.49 ug/ml



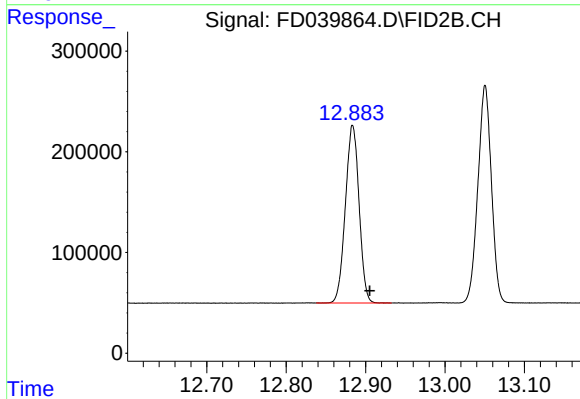
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.021 min
Response: 2529432
Conc: 19.71 ug/ml



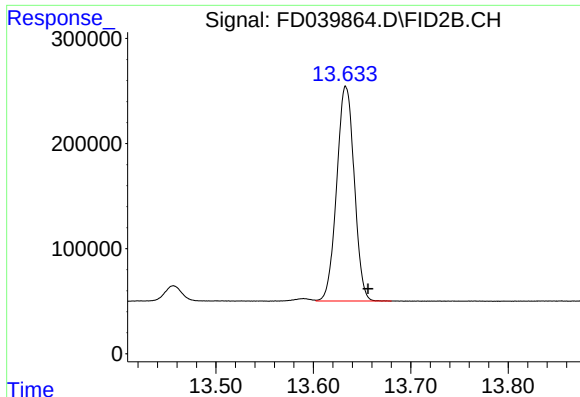
#11 n-Heneicosane (C21)

R.T.: 13.051 min
Delta R.T.: -0.022 min
Response: 2554330
Conc: 19.50 ug/ml



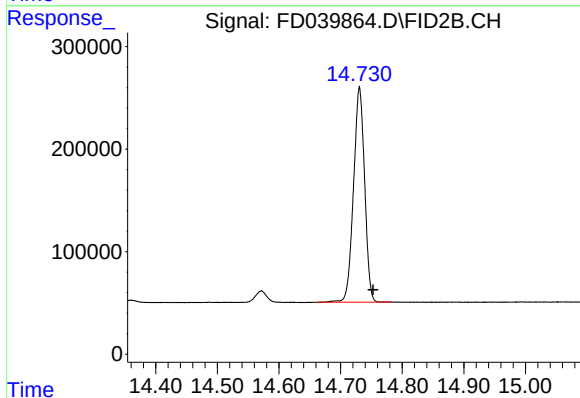
#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.021 min
Response: 2112820
Conc: 19.66 ug/ml



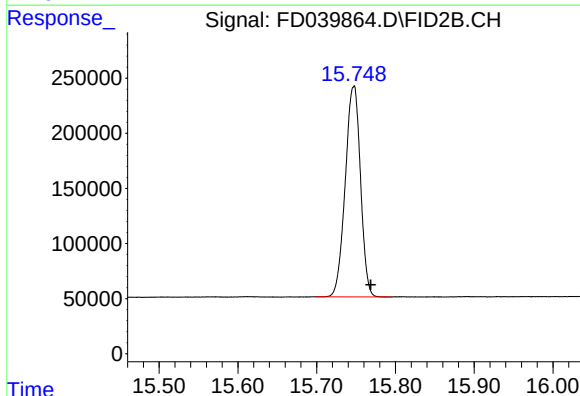
#13 n-Docosane (C22)

R.T.: 13.633 min
Delta R.T.: -0.023 min
Response: 2559355
Conc: 19.57 ug/ml



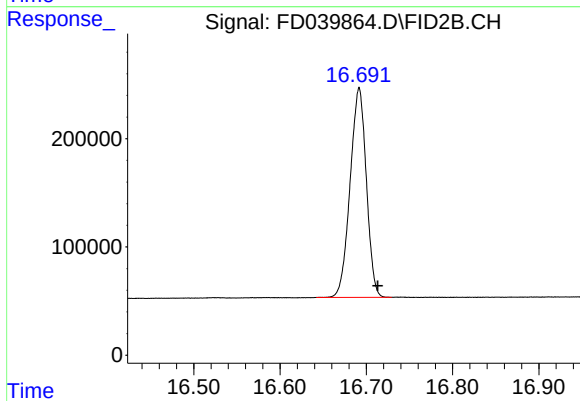
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: -0.022 min
Response: 2628901
Conc: 19.66 ug/ml



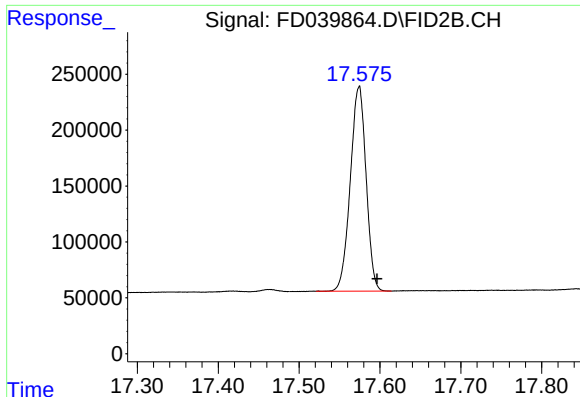
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: -0.022 min
Response: 2571272
Conc: 19.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.692 min
Delta R.T.: -0.022 min
Response: 2531466
Conc: 19.53 ug/ml



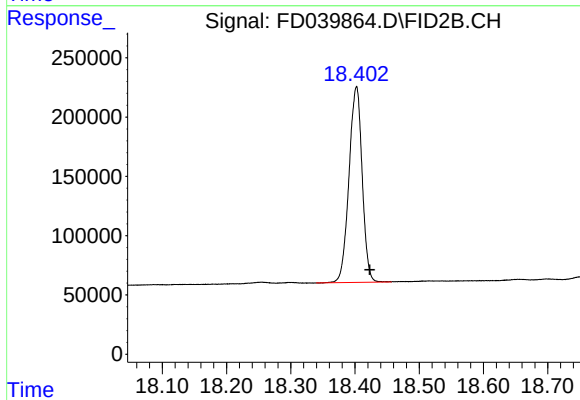
#17 n-Tricontane (C30)

R.T.: 17.574 min

Delta R.T.: -0.022 min

Response: 2483997

Conc: 20.04 ug/ml



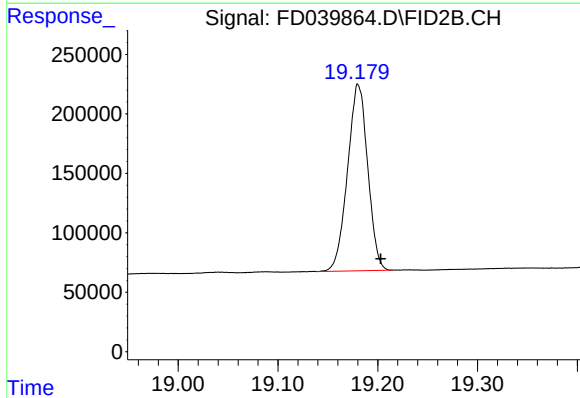
#18 n-Dotriacontane (C32)

R.T.: 18.402 min

Delta R.T.: -0.021 min

Response: 2352665

Conc: 20.50 ug/ml



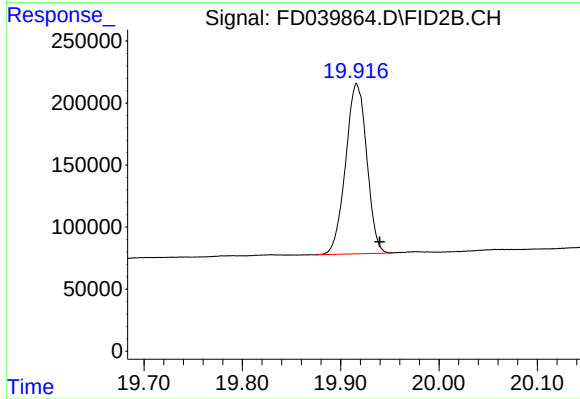
#19 n-Tetratriacontane (C34)

R.T.: 19.179 min

Delta R.T.: -0.024 min

Response: 2203828

Conc: 20.67 ug/ml m



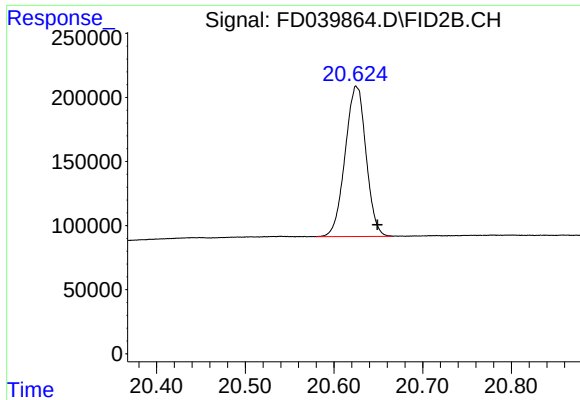
#20 n-Hexatriacontane (C36)

R.T.: 19.916 min

Delta R.T.: -0.024 min

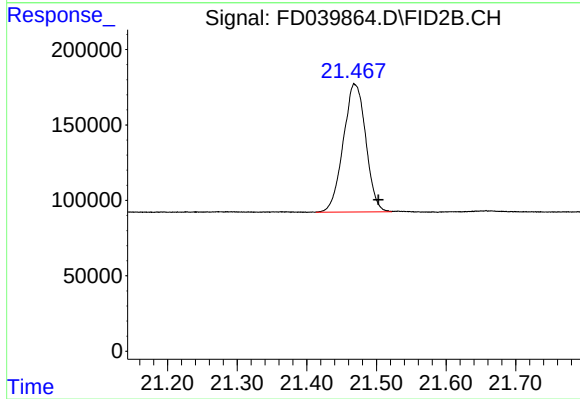
Response: 2048483

Conc: 20.92 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.624 min
Delta R.T.: -0.025 min
Response: 1920447
Conc: 21.10 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.467 min
Delta R.T.: -0.036 min
Response: 1904903
Conc: 23.92 ug/ml m