

Data Path : P:\HPCHEM1\FID E\Data\FE030118AL\
 Data File : FE026374.D
 Signal(s) : FID1B.CH
 Acq On : 02 Mar 2018 13:34
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 03 01:20:43 2018
 Quant Method : P:\HPCHEM1\FID_E\methods\Alaphatic EPH 022718.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 28 13:48:17 2018
 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)	11.640	4003394	21.259 ug/mlm
Spiked Amount 50.000		Recovery =	42.52%
12) S 1-chlorooctadecane (S...	13.068	3194509	20.571 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.423	2997508	21.351 ug/ml
2) T n-Decane (C10)	4.472	3128054	21.622 ug/ml
3) T A-Naphthalene (C11.7)	6.057	3598936	22.259 ug/mlm
4) T n-Dodecane (C12)	6.479	3381686	21.782 ug/mlm
5) T A-2-methylnaphthalene...	7.116	3738165	22.720 ug/mlm
6) T n-Tetradecane (C14)	8.272	3692347	22.253 ug/ml
7) T n-Hexadecane (C16)	9.872	3878577	21.680 ug/ml
8) T n-Octadecane (C18)	11.313	3873079	20.866 ug/ml
10) T n-Eicosane (C20)	12.620	3953630	20.742 ug/ml
11) T n-Heneicosane (C21)	13.232	3882647	20.273 ug/ml
13) T n-Docosane (C22)	13.819	3913740	20.325 ug/mlm
14) T n-Tetracosane (C24)	14.921	4042237	21.437 ug/ml
15) T n-Hexacosane (C26)	15.941	4034865	22.191 ug/ml
16) T n-Octacosane (C28)	16.890	4129831	23.237 ug/ml
17) T n-Tricontane (C30)	17.781	4020759	23.686 ug/mlm
18) T n-Dotriacontane (C32)	18.609	3875040	23.678 ug/ml
19) T n-Tetratriacontane (C34)	19.396	3588268	22.972 ug/mlm
20) T n-Hexatriacontane (C36)	20.133	3322371	21.804 ug/mlm
21) T n-Octatriacontane (C38)	20.874	3252776	21.101 ug/mlm
22) T n-Tetracontane (C40)	21.783	3170733	20.942 ug/mlm

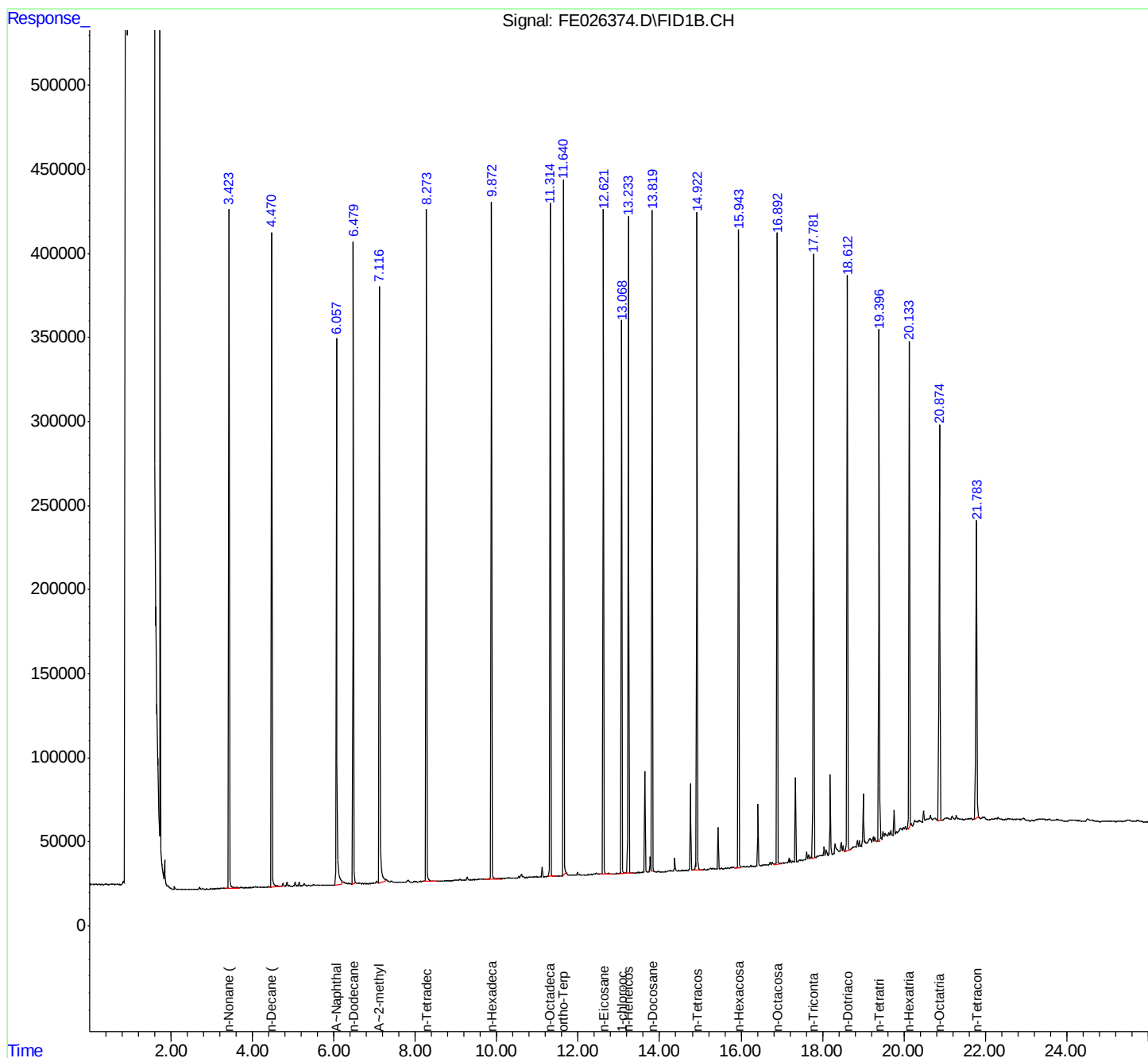
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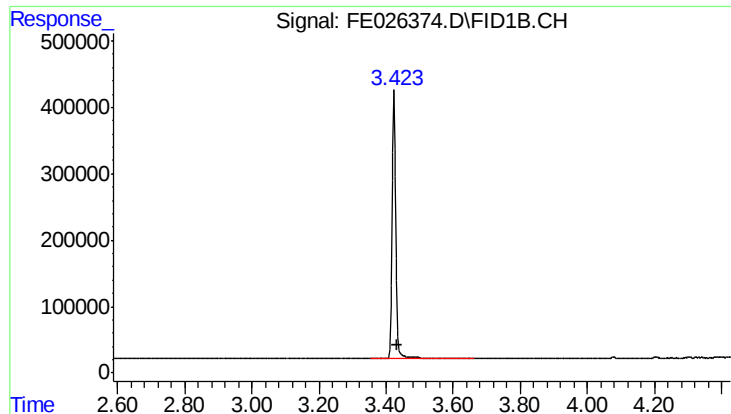
(m)=manual int.

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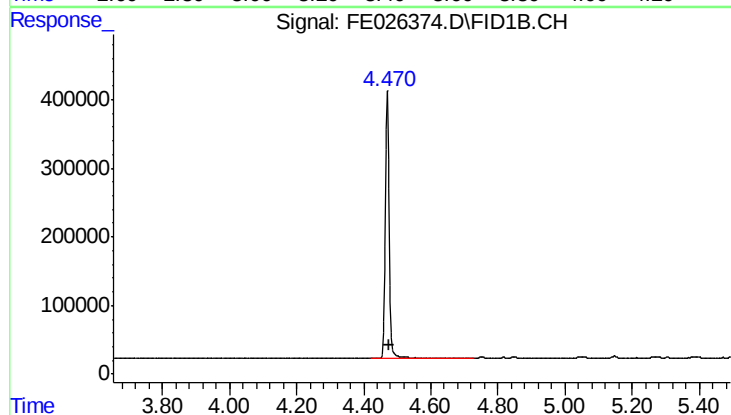
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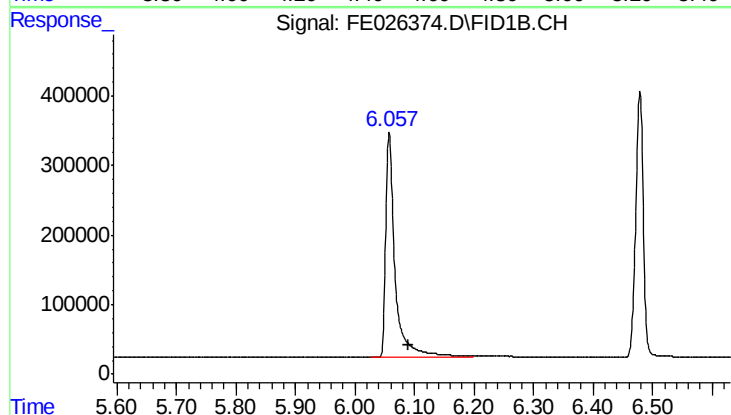
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.010 min
Response: 2997508
Conc: 21.35 ug/ml



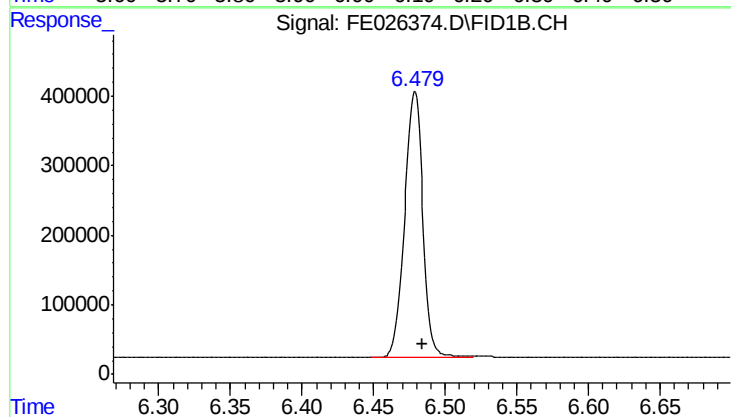
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 3128054
Conc: 21.62 ug/ml



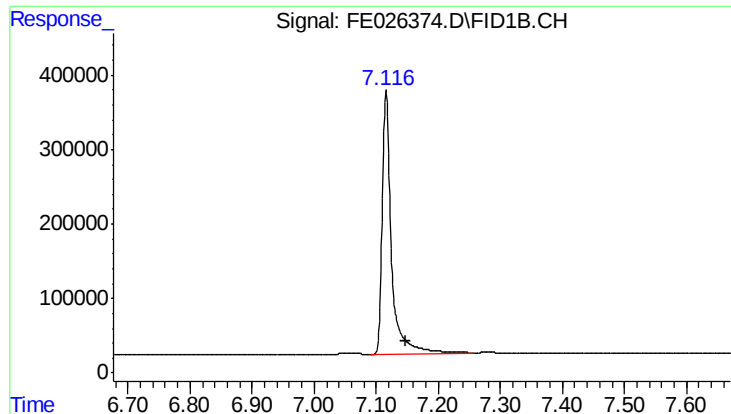
#3 A-Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.032 min
Response: 3598936
Conc: 22.26 ug/ml m



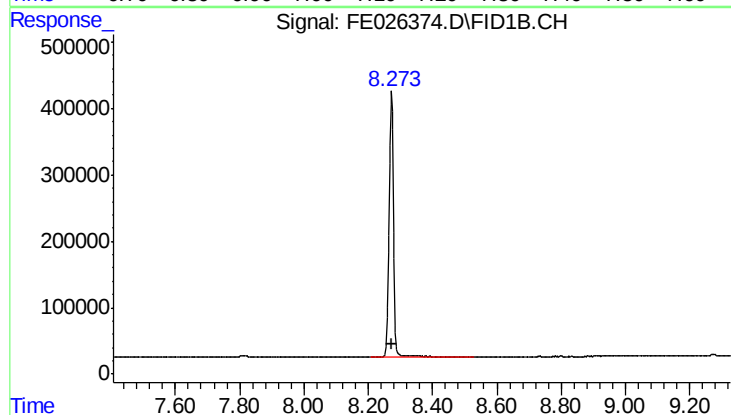
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 3381686
Conc: 21.78 ug/ml m



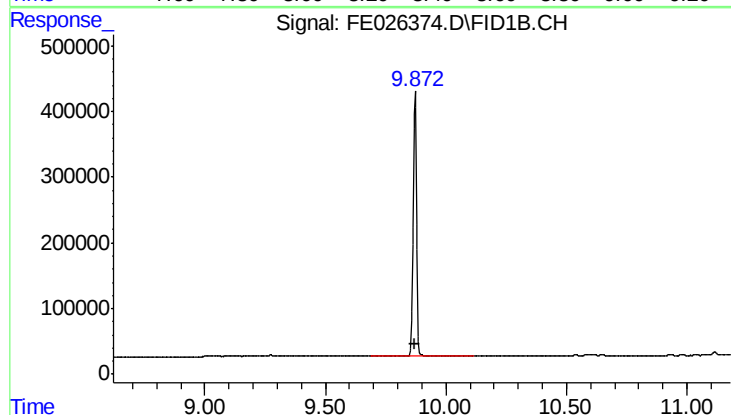
#5 A-2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.032 min
Response: 3738165
Conc: 22.72 ug/ml m



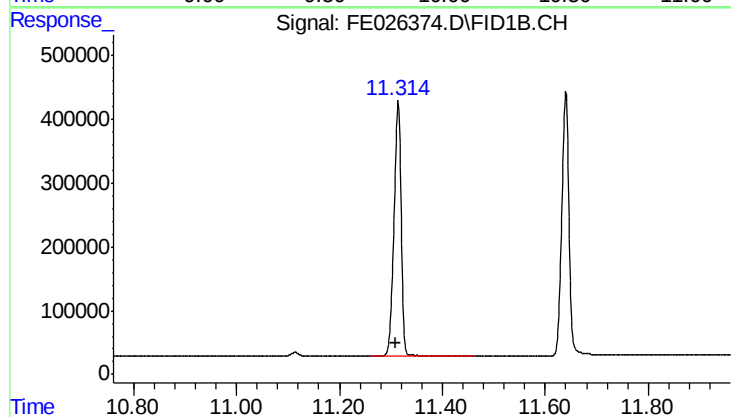
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 3692347
Conc: 22.25 ug/ml



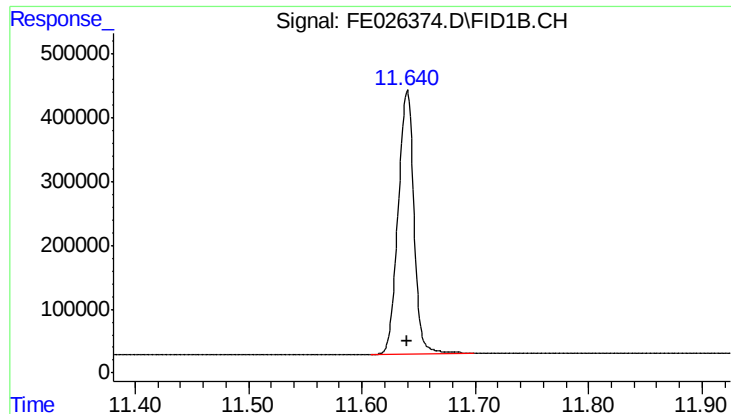
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: 0.000 min
Response: 3878577
Conc: 21.68 ug/ml



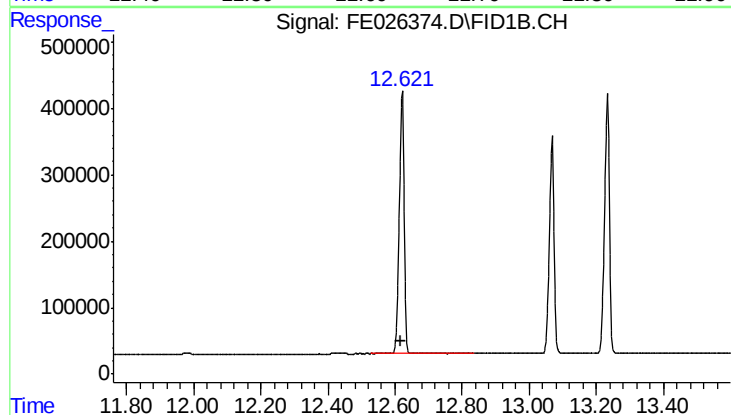
#8 n-Octadecane (C18)

R.T.: 11.313 min
Delta R.T.: 0.002 min
Response: 3873079
Conc: 20.87 ug/ml



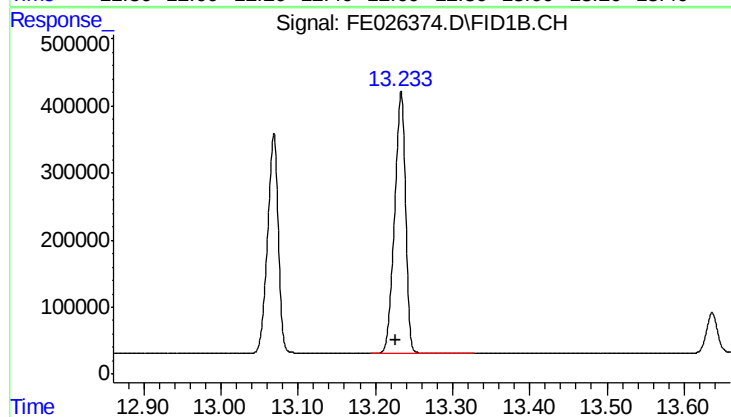
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: 0.000 min
Response: 4003394
Conc: 21.26 ug/ml m



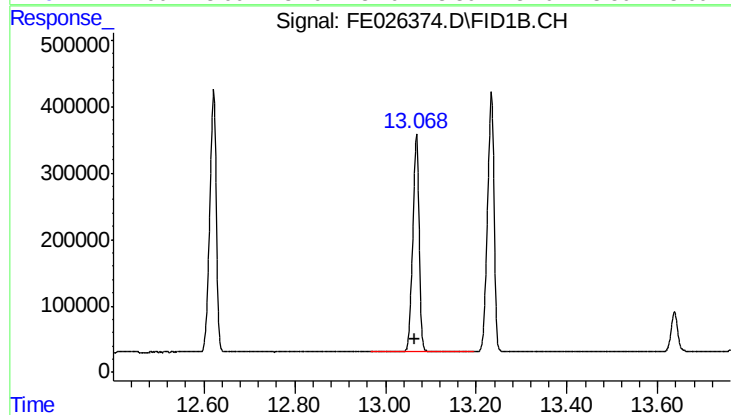
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: 0.003 min
Response: 3953630
Conc: 20.74 ug/ml



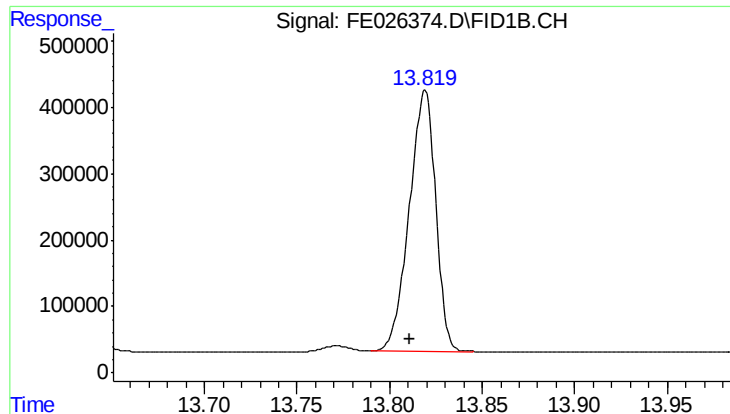
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: 0.005 min
Response: 3882647
Conc: 20.27 ug/ml



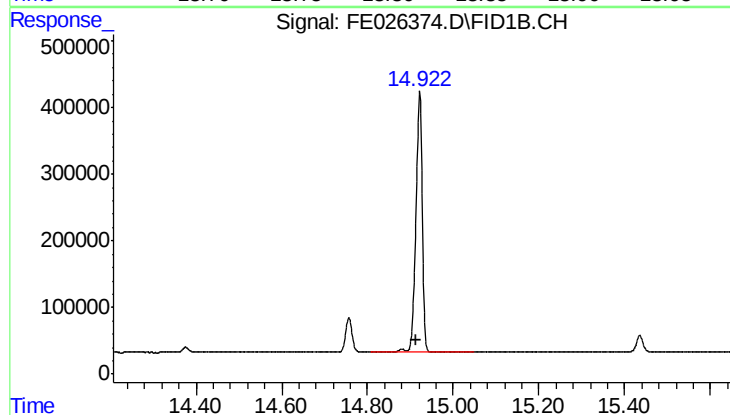
#12 1-chlorooctadecane (SURR)

R.T.: 13.068 min
Delta R.T.: 0.004 min
Response: 3194509
Conc: 20.57 ug/ml



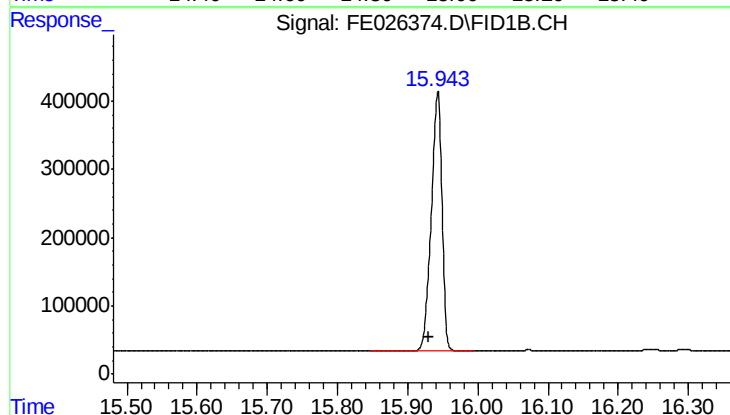
#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: 0.008 min
Response: 3913740
Conc: 20.32 ug/ml m



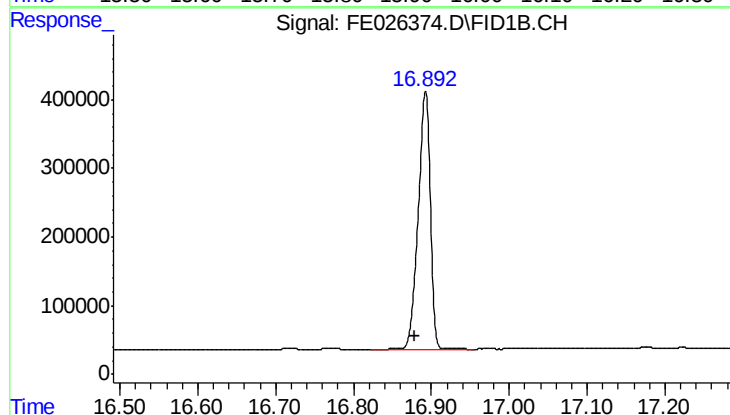
#14 n-Tetracosane (C24)

R.T.: 14.921 min
Delta R.T.: 0.008 min
Response: 4042237
Conc: 21.44 ug/ml



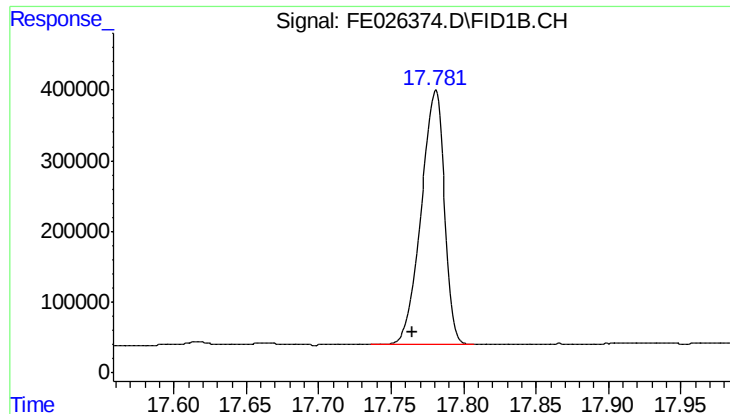
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: 0.011 min
Response: 4034865
Conc: 22.19 ug/ml



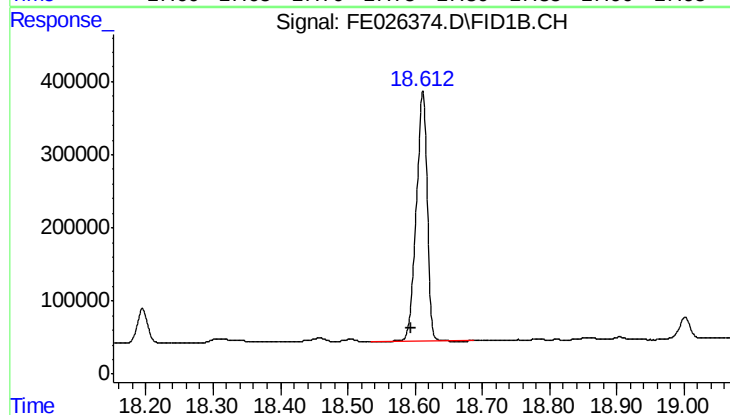
#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: 0.012 min
Response: 4129831
Conc: 23.24 ug/ml



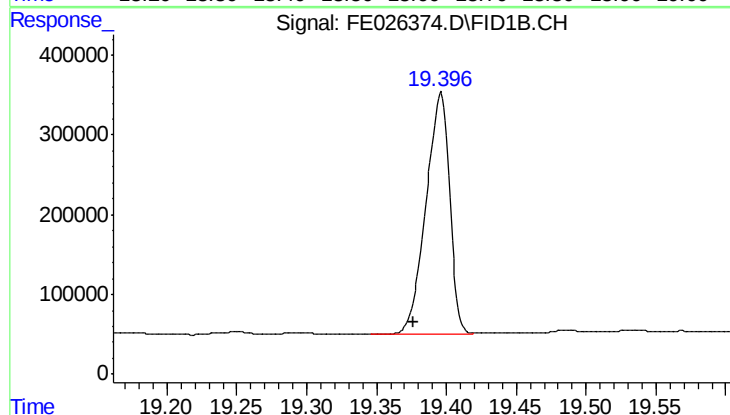
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: 0.016 min
Response: 4020759
Conc: 23.69 ug/ml m



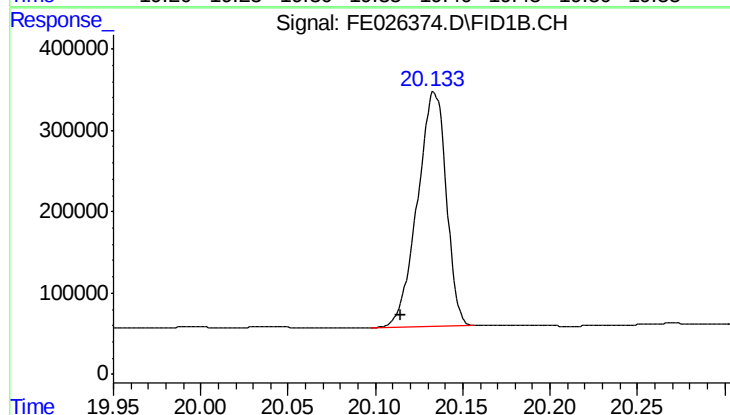
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: 0.015 min
Response: 3875040
Conc: 23.68 ug/ml



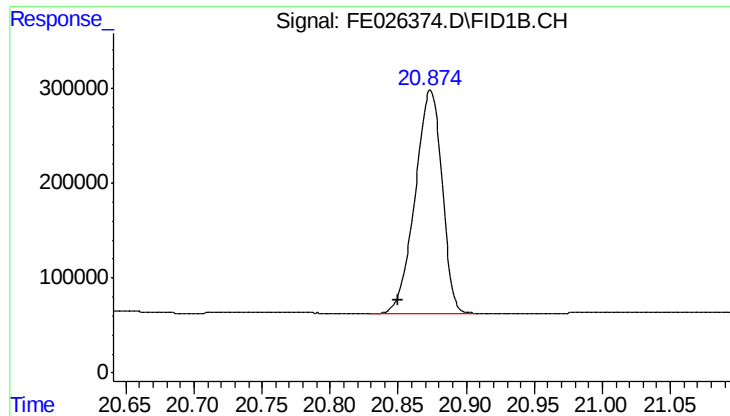
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: 0.019 min
Response: 3588268
Conc: 22.97 ug/ml m



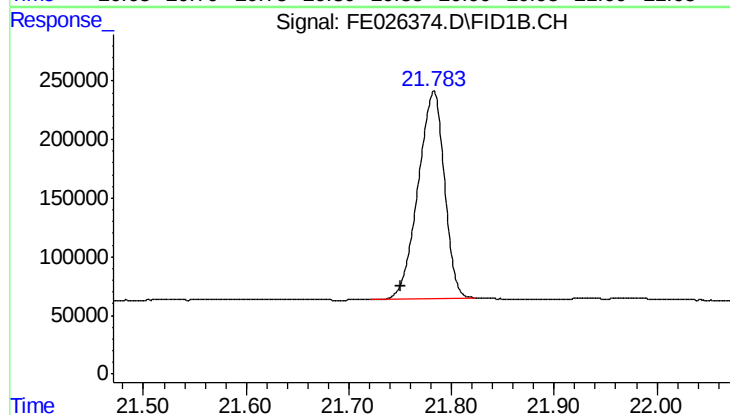
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: 0.018 min
Response: 3322371
Conc: 21.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.874 min
Delta R.T.: 0.024 min
Response: 3252776
Conc: 21.10 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: 0.032 min
Response: 3170733
Conc: 20.94 ug/ml m