

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054915.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 21:56
 Operator : YP\AJ
 Sample : Q2622-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 2819MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e
 Quant Time: Jul 18 01:11:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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			
Target Compounds			
1) T n-Nonane (C9)	3.425	2915628	21.676 ug/ml
2) T n-Decane (C10)	4.685	3365554	24.665 ug/ml
3) T A~Naphthalene (C11.7)	6.406	4550859	30.056 ug/ml
4) T n-Dodecane (C12)	6.863	4961603	36.161 ug/ml
5) T A~2-methylnaphthalene...	7.511	5172781	35.188 ug/ml
6) T n-Tetradecane (C14)	8.713	4527563	32.660 ug/mlm
7) T n-Hexadecane (C16)	10.306	171906	1.206 ug/mlm
8) T n-Octadecane (C18)	11.759	70148	0.479 ug/mlm
10) T n-Eicosane (C20)	13.079	273603	1.903 ug/mlm
11) T n-Heneicosane (C21)	13.696	1531363	10.721 ug/mlm
13) T n-Docosane (C22)	14.284	9393058	65.783 ug/mlm
14) T n-Tetracosane (C24)	15.433f	8814106	60.634 ug/mlm
15) T n-Hexacosane (C26)	16.449	5371048	37.115 ug/ml
16) T n-Octacosane (C28)	17.336	4750797	32.598 ug/ml
17) T n-Tricontane (C30)	18.270	5035953	31.957 ug/ml
18) T n-Dotriacontane (C32)	19.097	4641446	28.689 ug/ml
19) T n-Tetratriacontane (C34)	19.882	4951671	32.493 ug/ml
20) T n-Hexatriacontane (C36)	20.620	4352204	32.369 ug/ml
21) T n-Octatriacontane (C38)	21.403	4740284	40.417 ug/ml
22) T n-Tetracontane (C40)	22.398	4653341	42.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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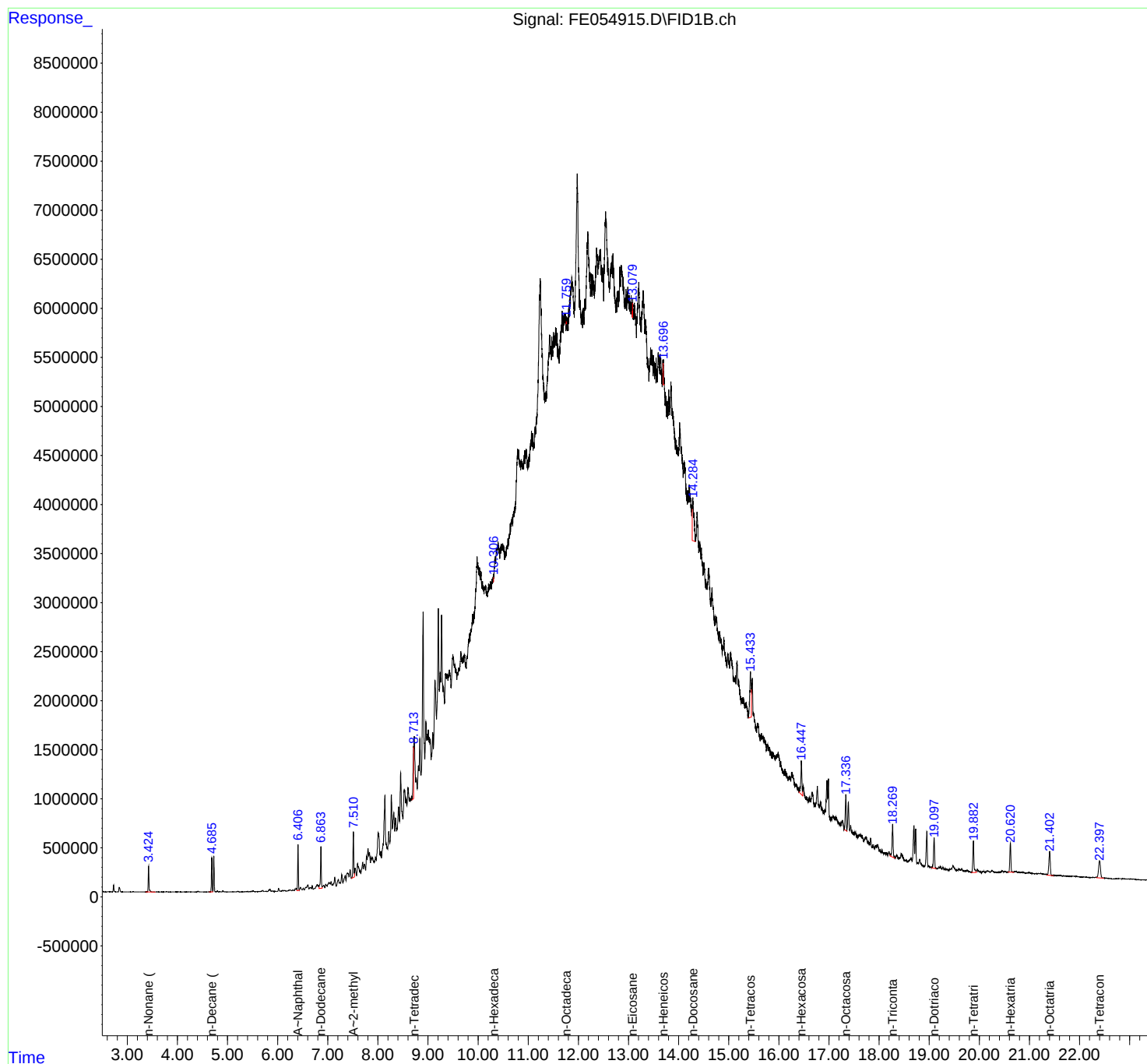
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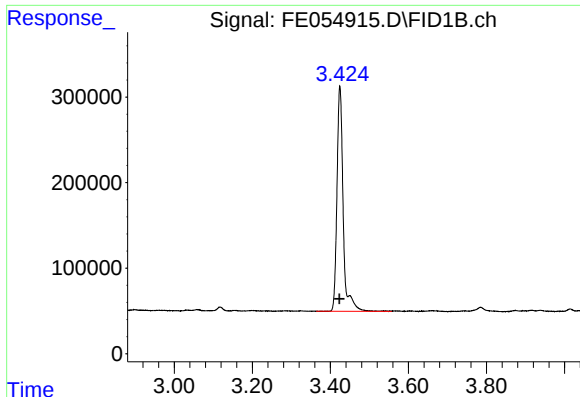
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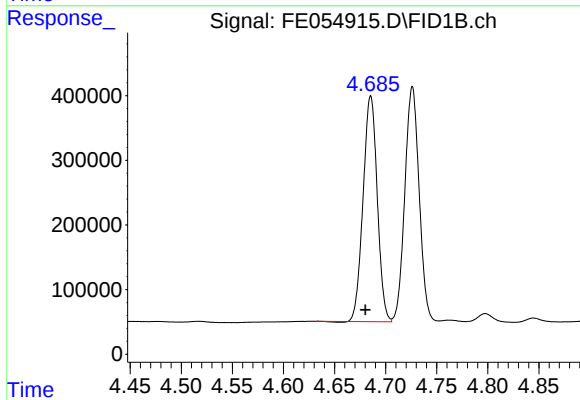
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2915628
Conc: 21.68 ug/ml

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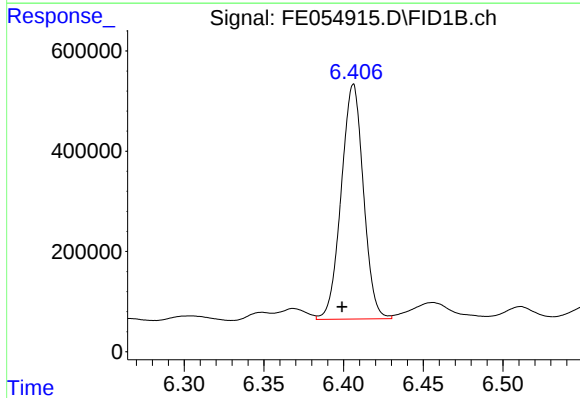
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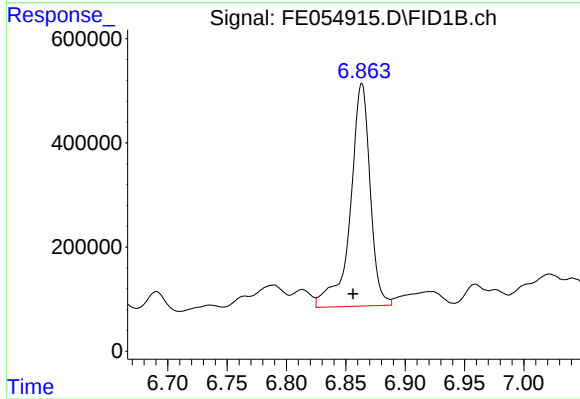
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 3365554
Conc: 24.67 ug/ml



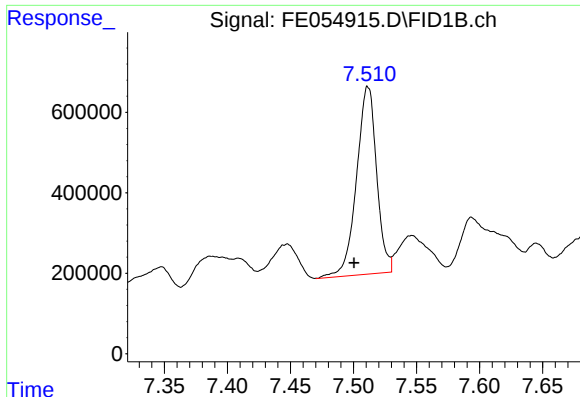
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 4550859
Conc: 30.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.863 min
Delta R.T.: 0.007 min
Response: 4961603
Conc: 36.16 ug/ml



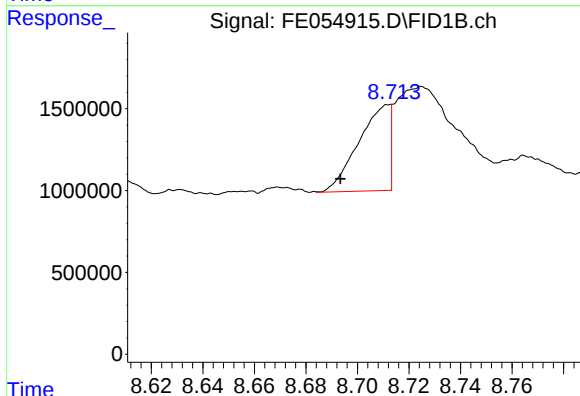
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.511 min
Delta R.T.: 0.011 min
Response: 5172781
Conc: 35.19 ug/ml

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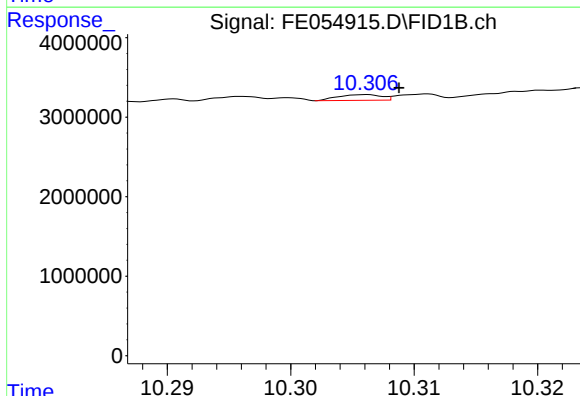
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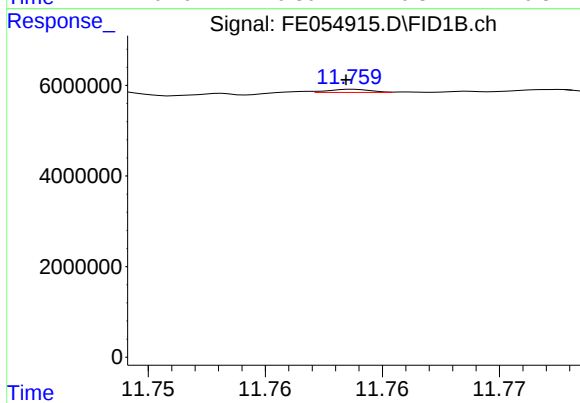
#6 n-Tetradecane (C14)

R.T.: 8.713 min
Delta R.T.: 0.020 min
Response: 4527563
Conc: 32.66 ug/ml m



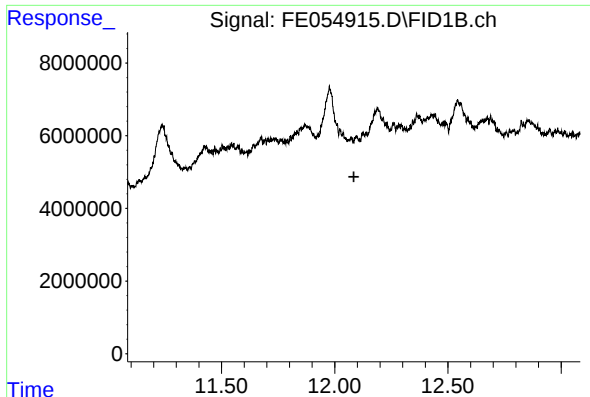
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 171906
Conc: 1.21 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 70148
Conc: 0.48 ug/ml m



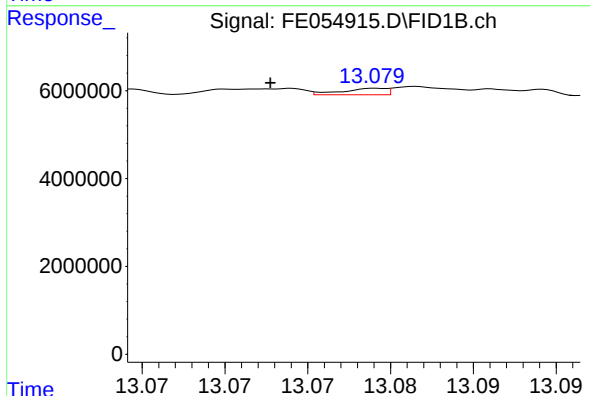
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.085 min
Response: 0
Conc: N.D.

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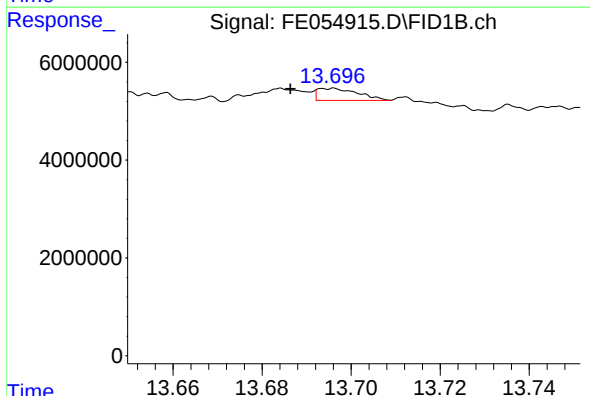
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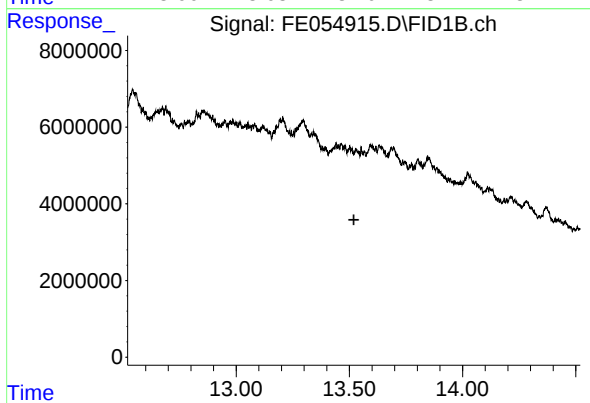
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 273603
Conc: 1.90 ug/ml m



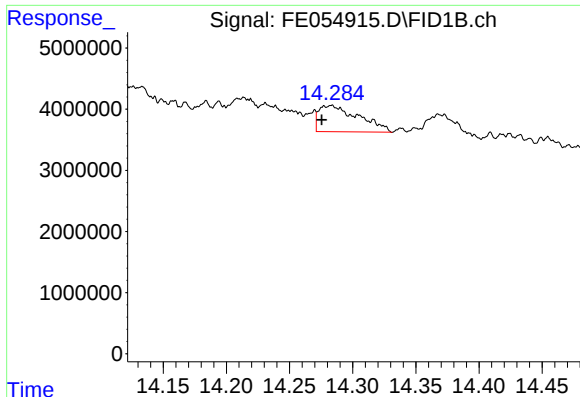
#11 n-Heneicosane (C21)

R.T.: 13.696 min
Delta R.T.: 0.010 min
Response: 1531363
Conc: 10.72 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.520 min
Response: 0
Conc: N.D.



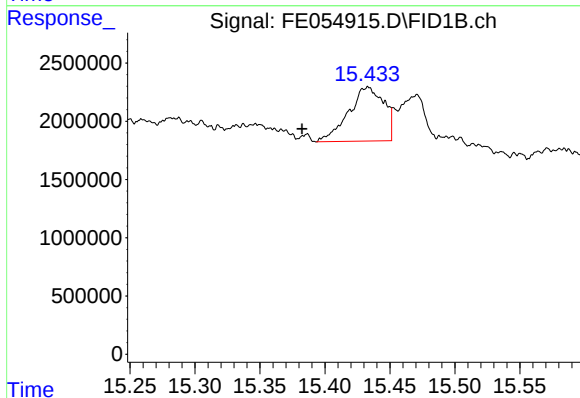
#13 n-Docosane (C22)

R.T.: 14.284 min
Delta R.T.: 0.008 min
Response: 9393058
Conc: 65.78 ug/ml

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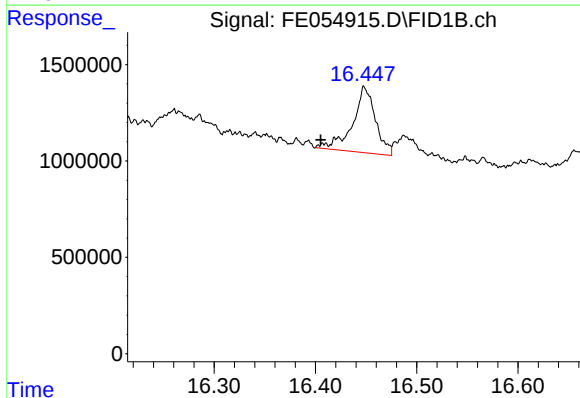
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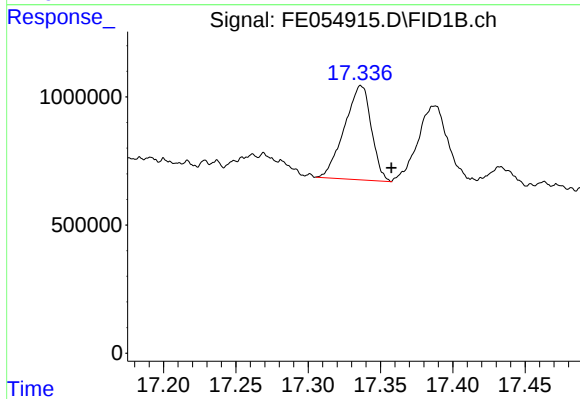
#14 n-Tetracosane (C24)

R.T.: 15.433 min
Delta R.T.: 0.050 min
Response: 8814106
Conc: 60.63 ug/ml m



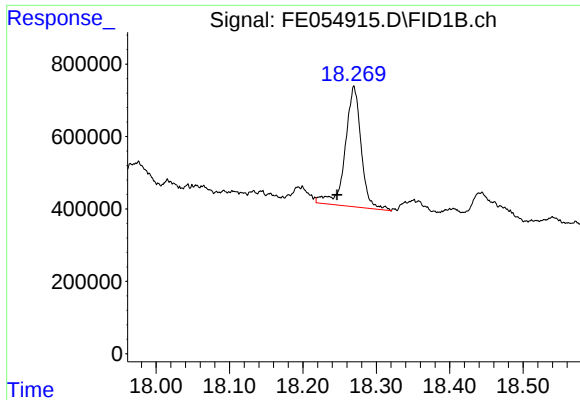
#15 n-Hexacosane (C26)

R.T.: 16.449 min
Delta R.T.: 0.044 min
Response: 5371048
Conc: 37.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.336 min
Delta R.T.: -0.021 min
Response: 4750797
Conc: 32.60 ug/ml



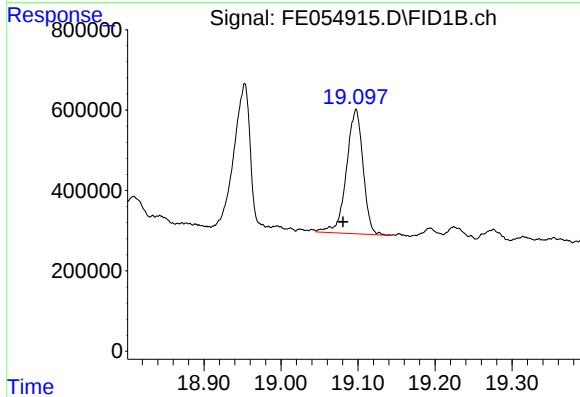
#17 n-Tricontane (C30)

R.T.: 18.270 min
Delta R.T.: 0.023 min
Response: 5035953
Conc: 31.96 ug/ml

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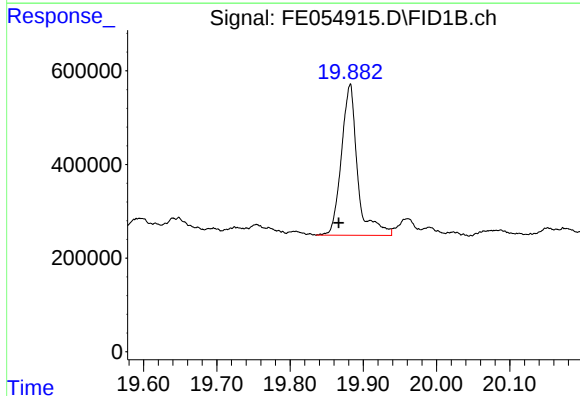
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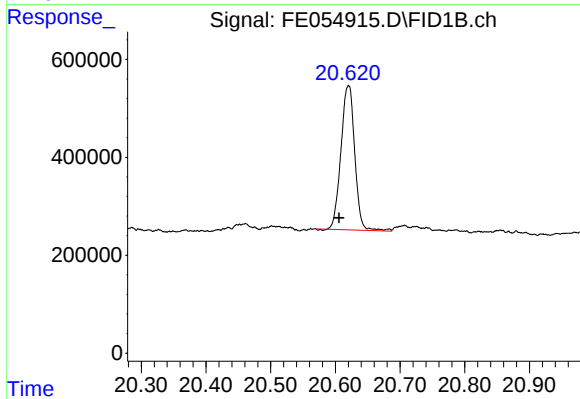
#18 n-Dotriacontane (C32)

R.T.: 19.097 min
Delta R.T.: 0.016 min
Response: 4641446
Conc: 28.69 ug/ml



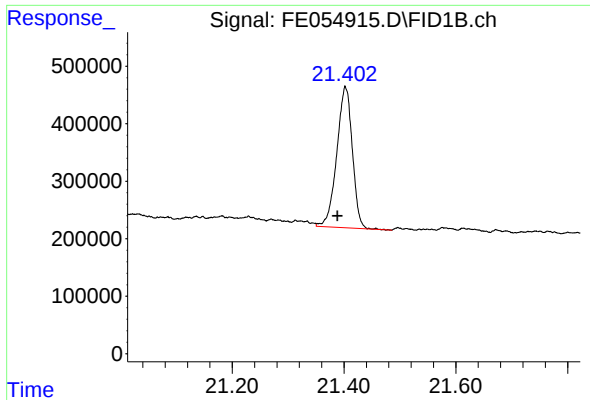
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: 0.015 min
Response: 4951671
Conc: 32.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.620 min
Delta R.T.: 0.015 min
Response: 4352204
Conc: 32.37 ug/ml



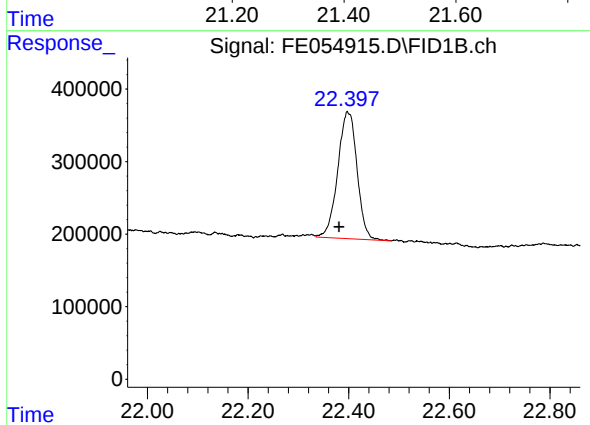
#21 n-Octatriacontane (C38)

R.T.: 21.403 min
Delta R.T.: 0.015 min
Response: 4740284
Conc: 40.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.398 min
Delta R.T.: 0.018 min
Response: 4653341
Conc: 42.93 ug/ml