

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055237.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 19:28
 Operator : YP\AJ
 Sample : Q2809-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-08082025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2025
 Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
 Quant Time: Aug 12 01:25:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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			
9) S ortho-Terphenyl (SURR)	12.090	3609332	25.275 ug/ml
Spiked Amount 50.000		Recovery =	50.55%
12) S 1-chlorooctadecane (S...	13.526	3217915	29.927 ug/mlm
Spiked Amount 50.000		Recovery =	59.85%
Target Compounds			
1) T n-Nonane (C9)	3.423	2436219	21.227 ug/ml
2) T n-Decane (C10)	4.682	2700063	23.177 ug/ml
3) T A~Naphthalene (C11.7)	6.404	3640806	27.124 ug/ml
4) T n-Dodecane (C12)	6.859	3181669	26.718 ug/ml
5) T A~2-methylnaphthalene...	7.505	3541636	27.163 ug/ml
6) T n-Tetradecane (C14)	8.698	3563282	29.062 ug/ml
7) T n-Hexadecane (C16)	10.312	3833330	29.984 ug/ml
8) T n-Octadecane (C18)	11.762	3771529	28.906 ug/ml
10) T n-Eicosane (C20)	13.079	4044532	32.235 ug/ml
11) T n-Heneicosane (C21)	13.693	3676387	29.824 ug/mlm
13) T n-Docosane (C22)	14.281	3780362	30.956 ug/ml
14) T n-Tetracosane (C24)	15.391	7979676	65.604 ug/ml
15) T n-Hexacosane (C26)	16.414	3565020	29.797 ug/mlm
16) T n-Octacosane (C28)	17.367	3572367	30.115 ug/mlm
17) T n-Tricontane (C30)	18.261	4012870	32.612 ug/mlm
18) T n-Dotriacontane (C32)	19.095	3997301	32.762 ug/mlm
19) T n-Tetratriacontane (C34)	19.882	4008974	34.288 ug/ml
20) T n-Hexatriacontane (C36)	20.623	3960117	36.232 ug/mlm
21) T n-Octatriacontane (C38)	21.412	4309866	39.880 ug/ml
22) T n-Tetracontane (C40)	22.414	4354381	41.639 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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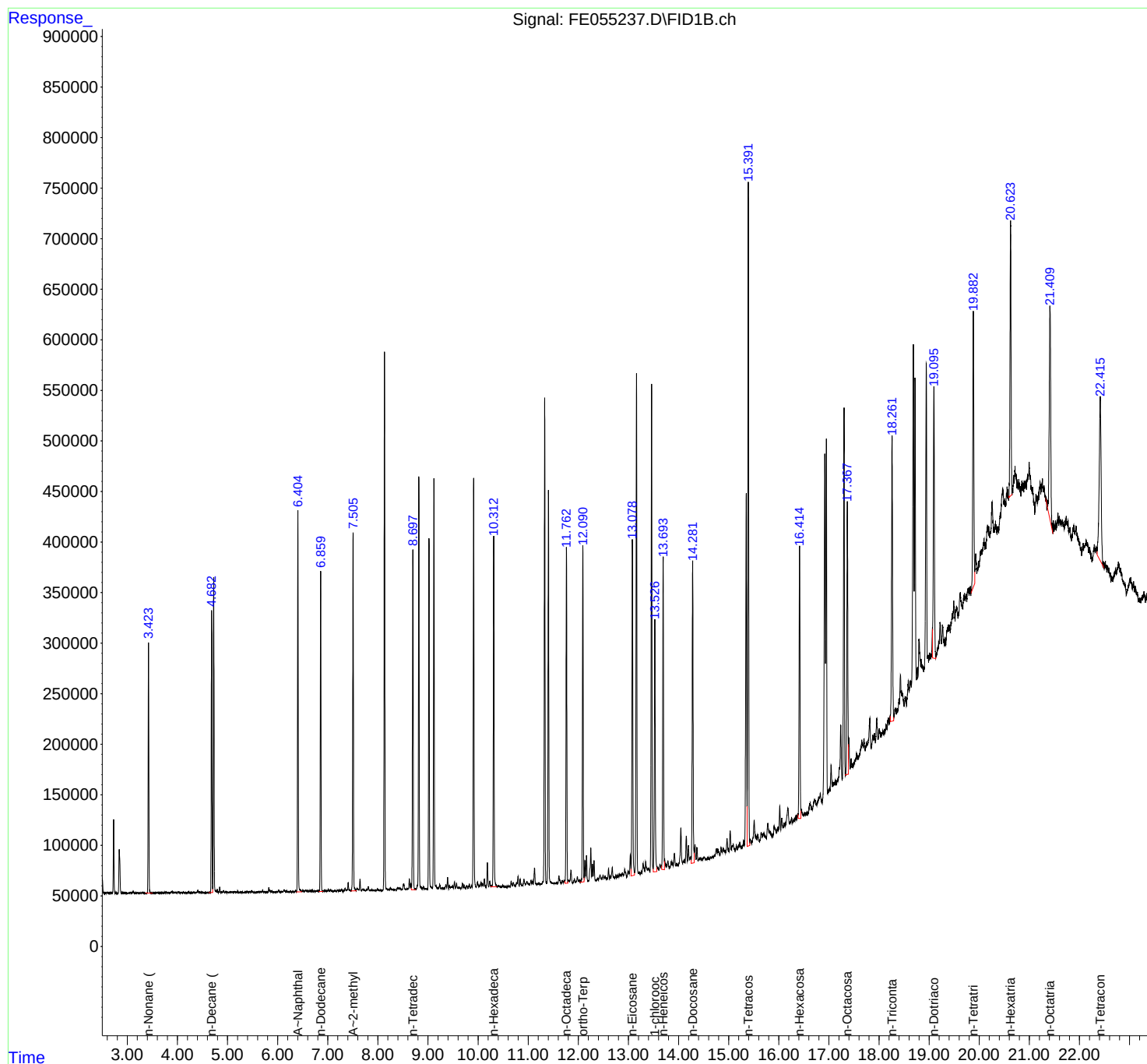
Instrument :
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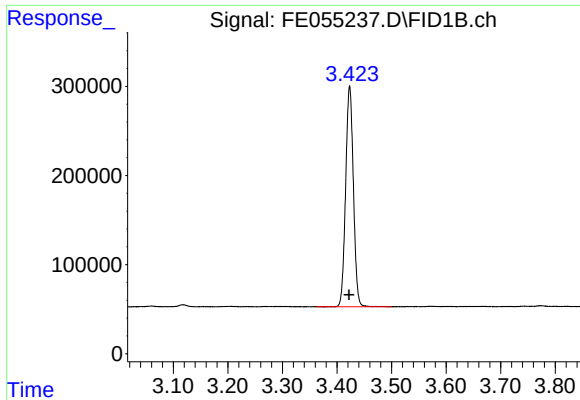
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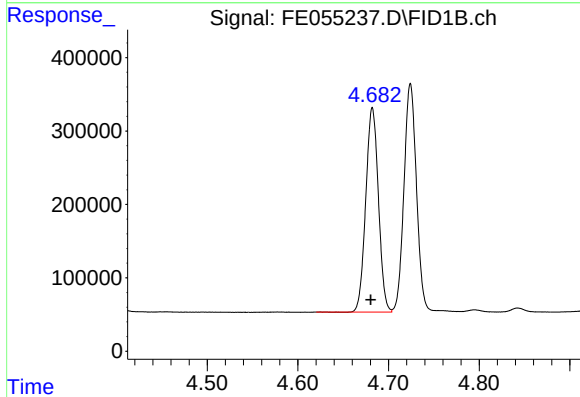
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: 0.001 min
Response: 2436219
Conc: 21.23 ug/ml

Instrument :
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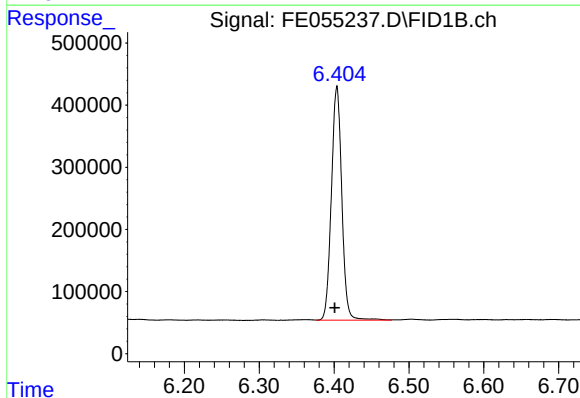
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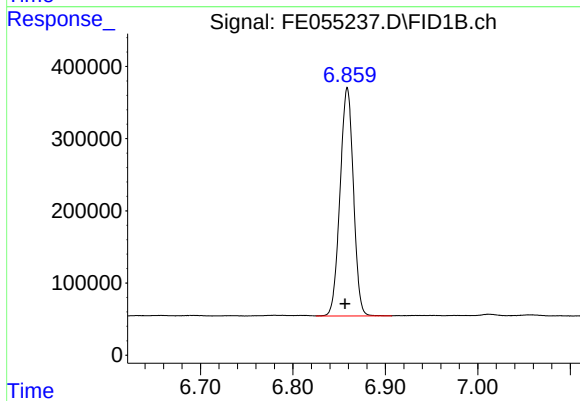
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2700063
Conc: 23.18 ug/ml



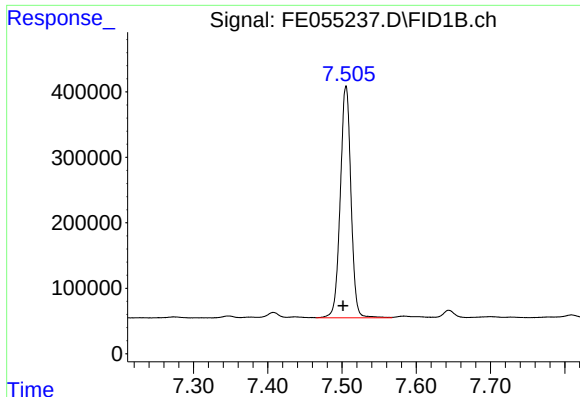
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 3640806
Conc: 27.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.002 min
Response: 3181669
Conc: 26.72 ug/ml



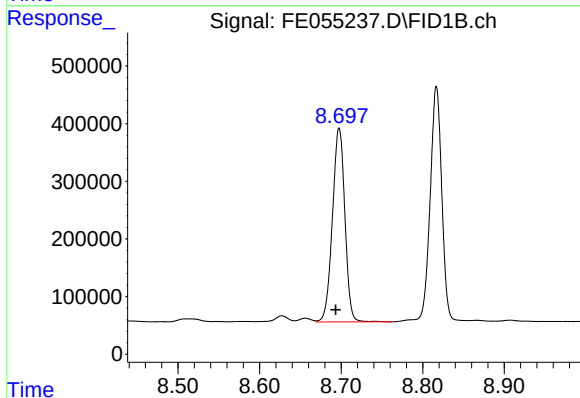
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 3541636
Conc: 27.16 ug/ml

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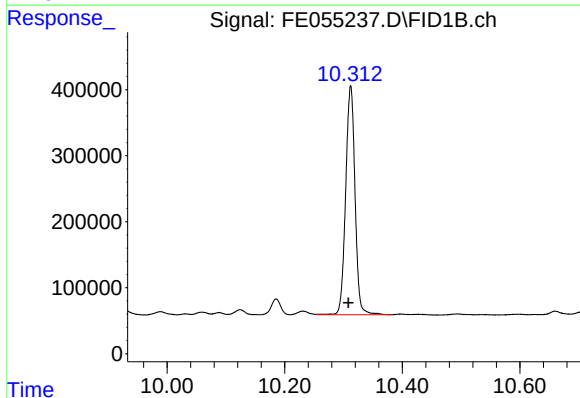
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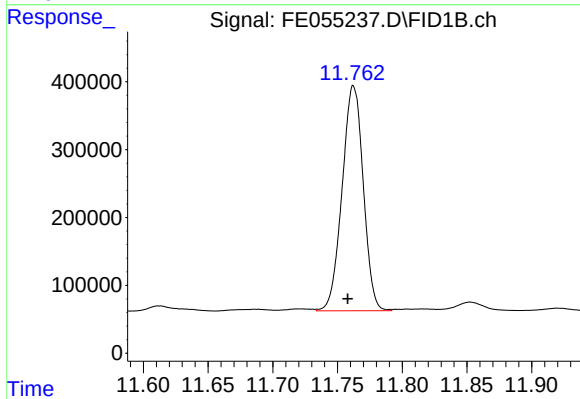
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.004 min
Response: 3563282
Conc: 29.06 ug/ml



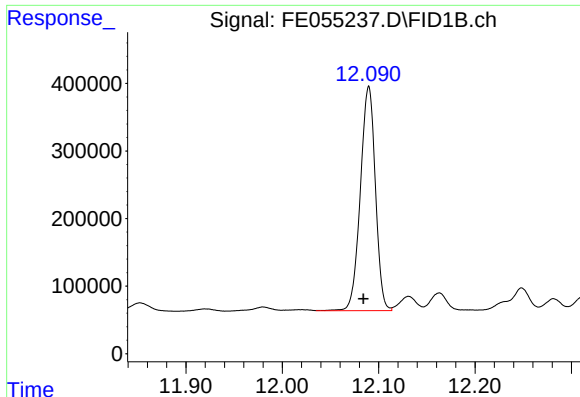
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.004 min
Response: 3833330
Conc: 29.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.762 min
Delta R.T.: 0.005 min
Response: 3771529
Conc: 28.91 ug/ml



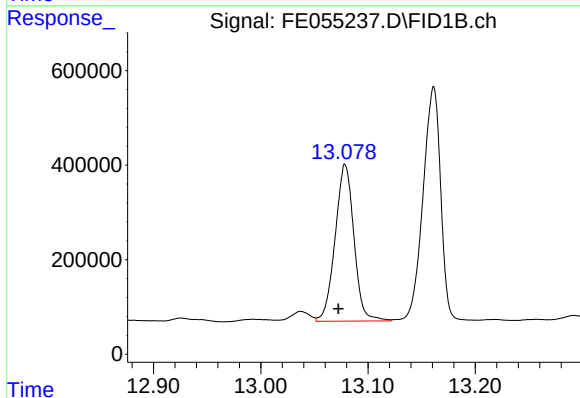
#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 3609332
Conc: 25.27 ug/ml

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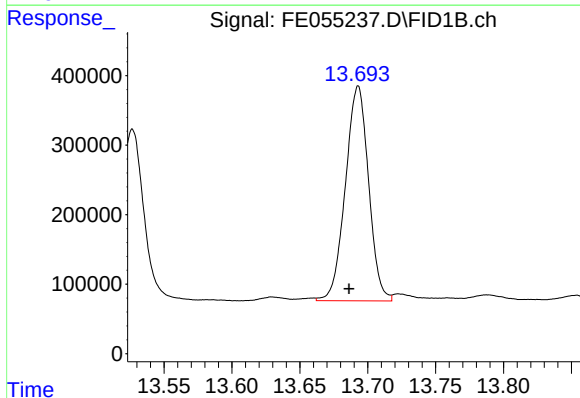
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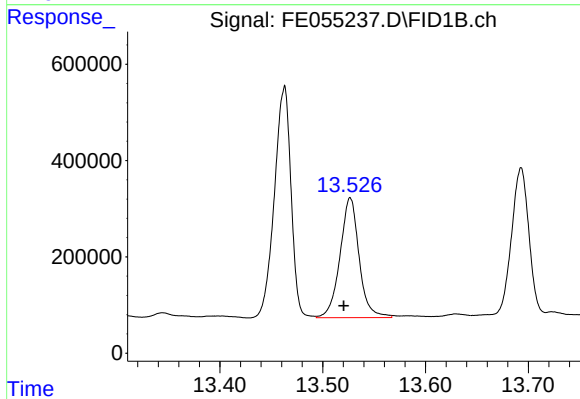
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 4044532
Conc: 32.23 ug/ml



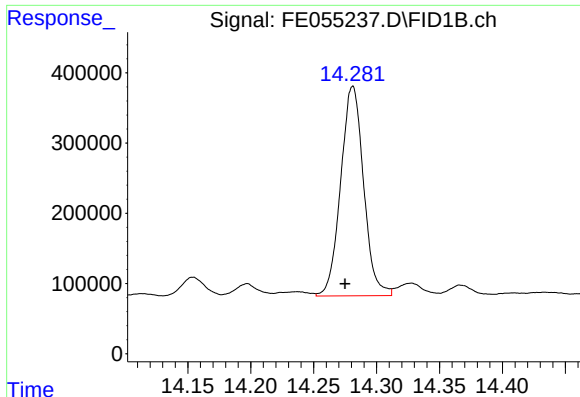
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.006 min
Response: 3676387
Conc: 29.82 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 3217915
Conc: 29.93 ug/ml m



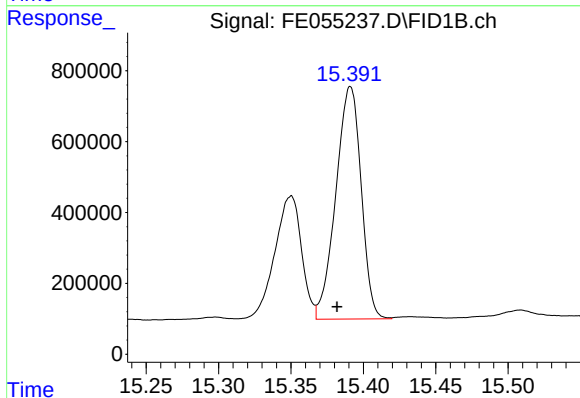
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 3780362
Conc: 30.96 ug/ml

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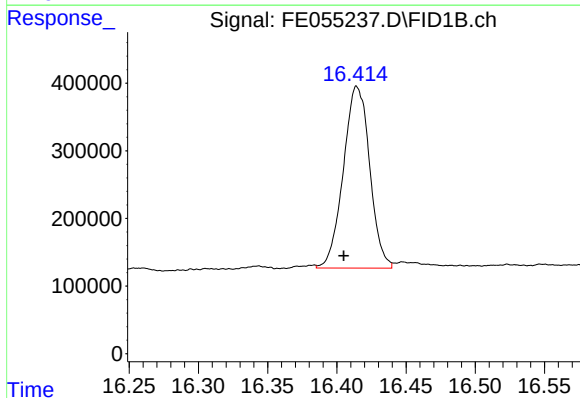
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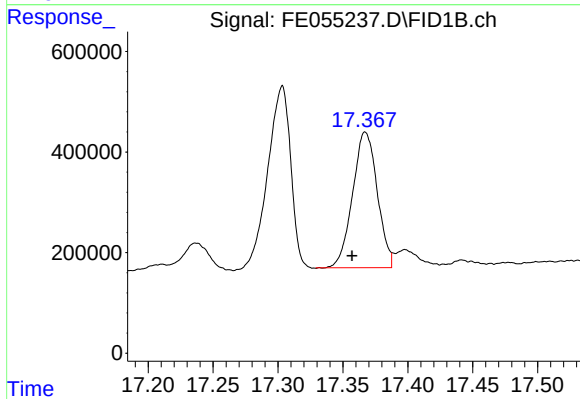
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.009 min
Response: 7979676
Conc: 65.60 ug/ml



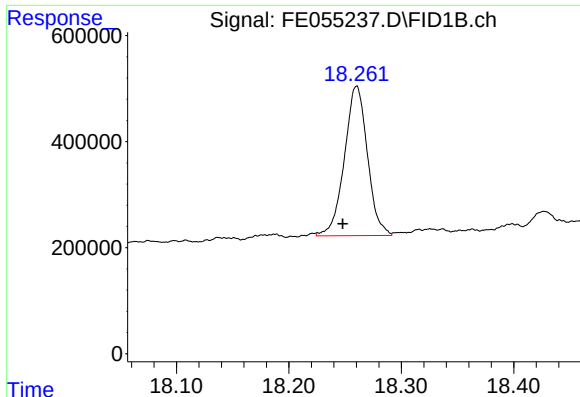
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: 0.009 min
Response: 3565020
Conc: 29.80 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.367 min
Delta R.T.: 0.010 min
Response: 3572367
Conc: 30.12 ug/ml m



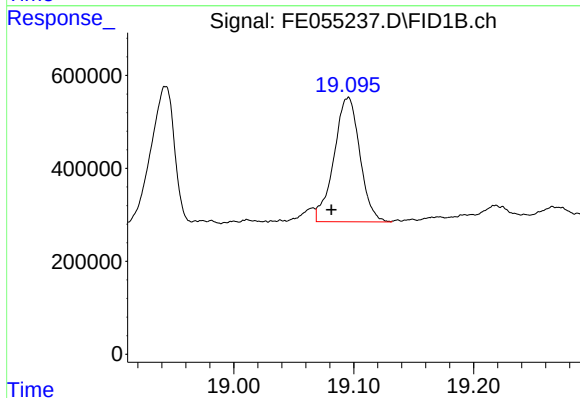
#17 n-Tricontane (C30)

R.T.: 18.261 min
Delta R.T.: 0.013 min
Response: 4012870
Conc: 32.61 ug/ml

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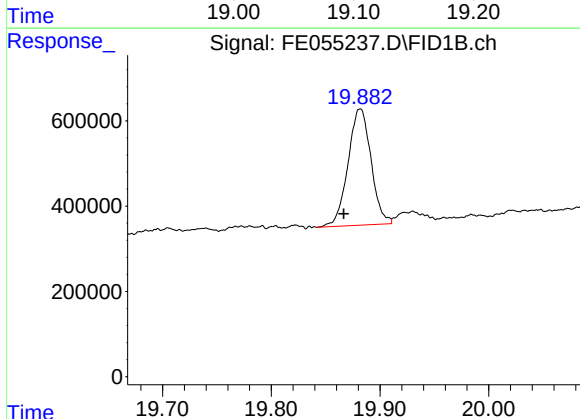
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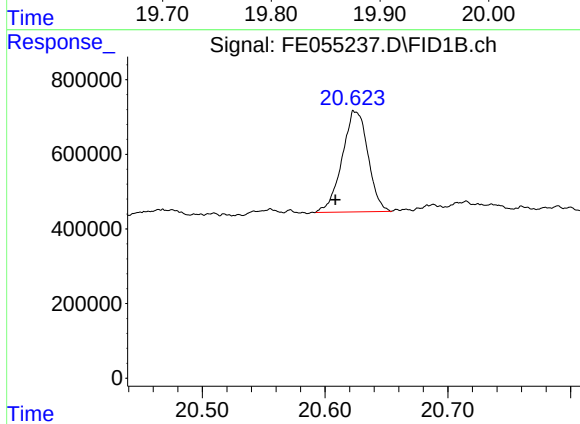
#18 n-Dotriacontane (C32)

R.T.: 19.095 min
Delta R.T.: 0.014 min
Response: 3997301
Conc: 32.76 ug/ml m



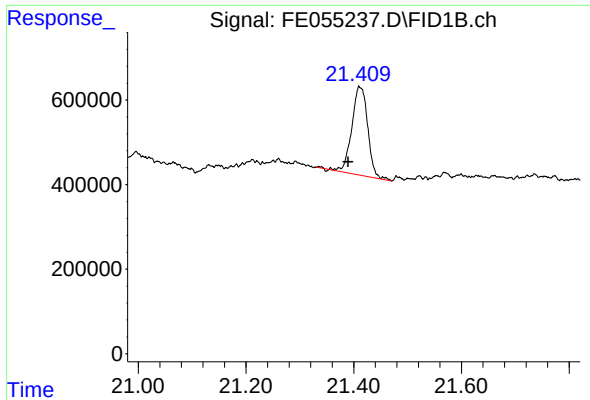
#19 n-Tetratriacontane (C34)

R.T.: 19.882 min
Delta R.T.: 0.015 min
Response: 4008974
Conc: 34.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.623 min
Delta R.T.: 0.014 min
Response: 3960117
Conc: 36.23 ug/ml m



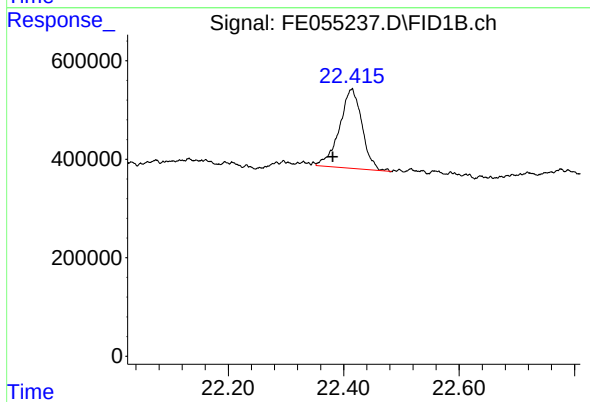
#21 n-Octatriacontane (C38)

R.T.: 21.412 min
Delta R.T.: 0.022 min
Response: 4309866
Conc: 39.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.414 min
Delta R.T.: 0.033 min
Response: 4354381
Conc: 41.64 ug/ml