

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081925AL\
 Data File : FE055389.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2025 18:03
 Operator : YP\AJ
 Sample : Q2897-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File: sample.E
 Quant Time: Aug 20 01:21:44 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)	12.084	4596005	32.184 ug/ml
Spiked Amount 50.000		Recovery =	64.37%
12) S 1-chlorooctadecane (S...	13.520	3716129	34.561 ug/ml
Spiked Amount 50.000		Recovery =	69.12%
Target Compounds			
1) T n-Nonane (C9)	3.419	2720747	23.706 ug/ml
2) T n-Decane (C10)	4.678	3111752	26.711 ug/ml
3) T A~Naphthalene (C11.7)	6.397	4168984	31.058 ug/mlm
4) T n-Dodecane (C12)	6.854	3675795	30.868 ug/ml
5) T A~2-methylnaphthalene...	7.499	4160118	31.907 ug/ml
6) T n-Tetradecane (C14)	8.693	4175887	34.058 ug/ml
7) T n-Hexadecane (C16)	10.308	4513912	35.308 ug/mlm
8) T n-Octadecane (C18)	11.757	4399603	33.720 ug/mlm
10) T n-Eicosane (C20)	13.072	4602816	36.684 ug/ml
11) T n-Heneicosane (C21)	13.687	4351116	35.298 ug/ml
13) T n-Docosane (C22)	14.276	4355230	35.664 ug/ml
14) T n-Tetracosane (C24)	15.384	8846915	72.734 ug/ml
15) T n-Hexacosane (C26)	16.409	4186074	34.987 ug/mlm
16) T n-Octacosane (C28)	17.361	4303042	36.275 ug/mlm
17) T n-Tricontane (C30)	18.254	4493513	36.518 ug/mlm
18) T n-Dotriacontane (C32)	19.090	4439743	36.388 ug/mlm
19) T n-Tetratriacontane (C34)	19.877	4622833	39.539 ug/ml
20) T n-Hexatriacontane (C36)	20.617	4495018	41.126 ug/mlm
21) T n-Octatriacontane (C38)	21.406	4547601	42.080 ug/mlm
22) T n-Tetracontane (C40)	22.401	5014051	47.947 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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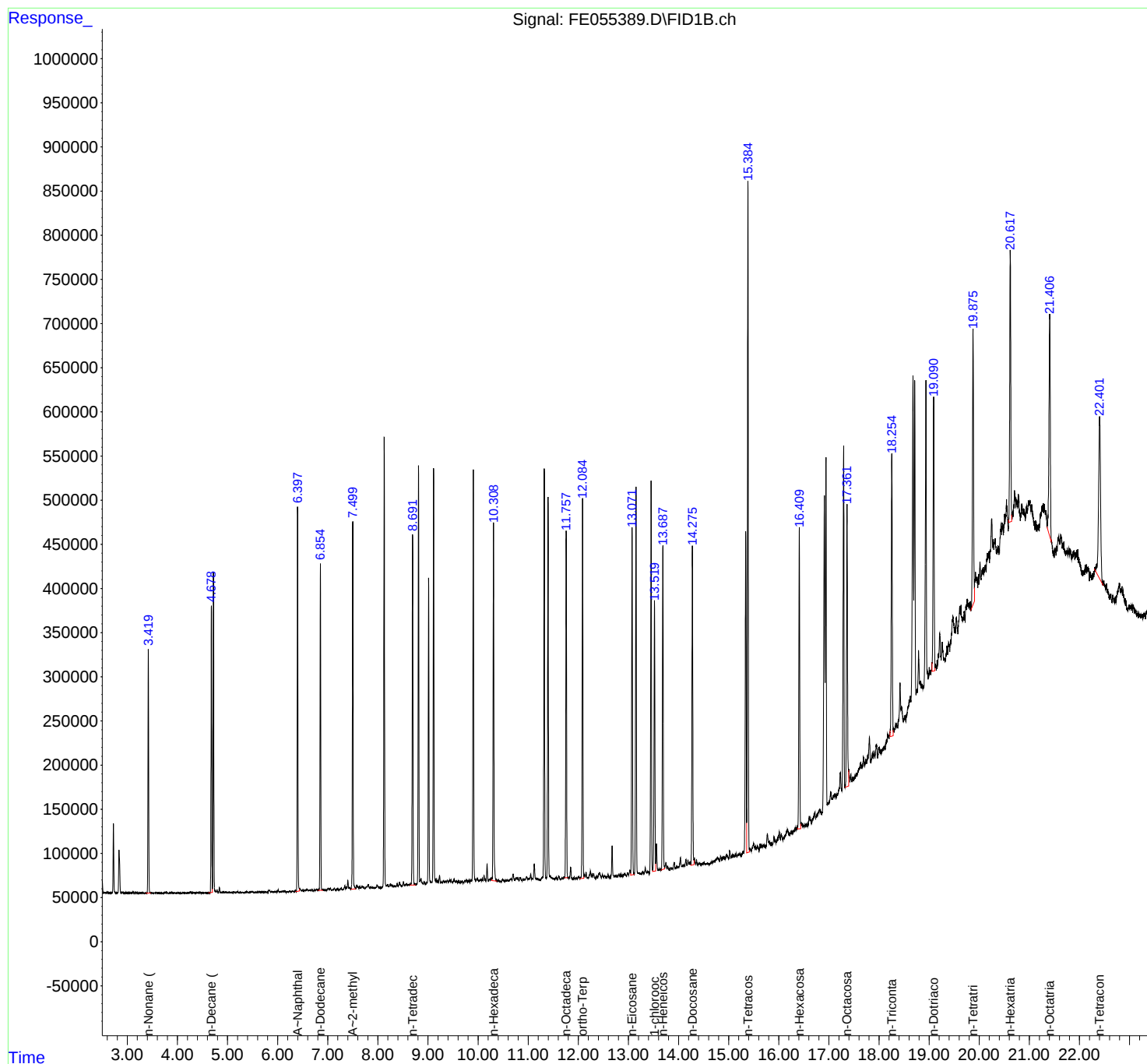
Instrument :
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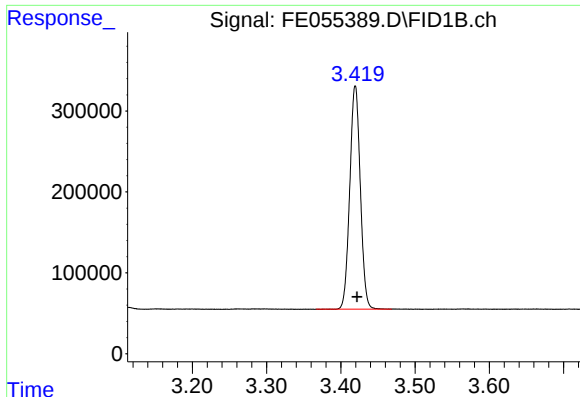
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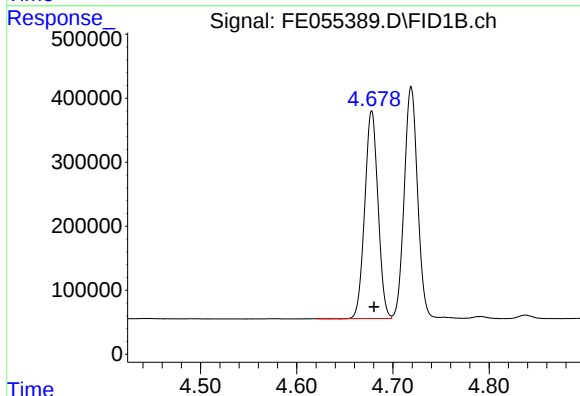
#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 2720747
Conc: 23.71 ug/ml

Instrument :
FID_E
ClientSampleId :

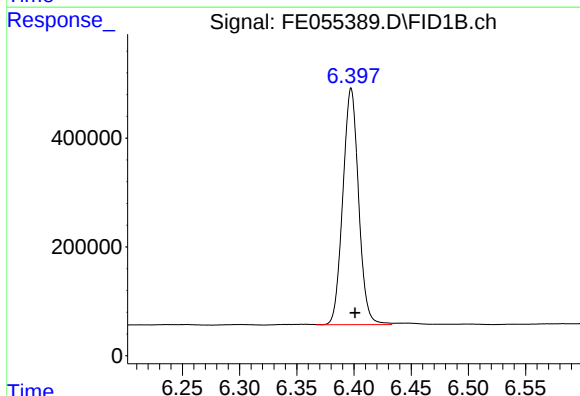
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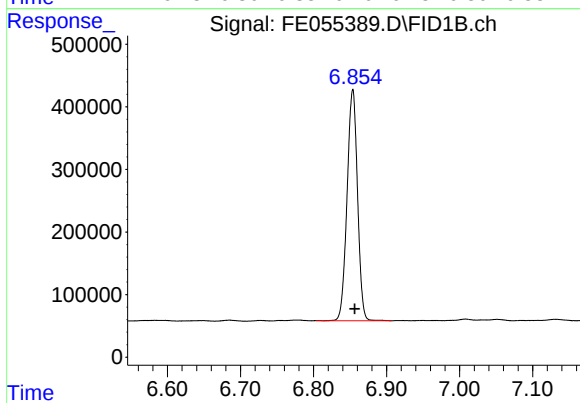
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 3111752
Conc: 26.71 ug/ml



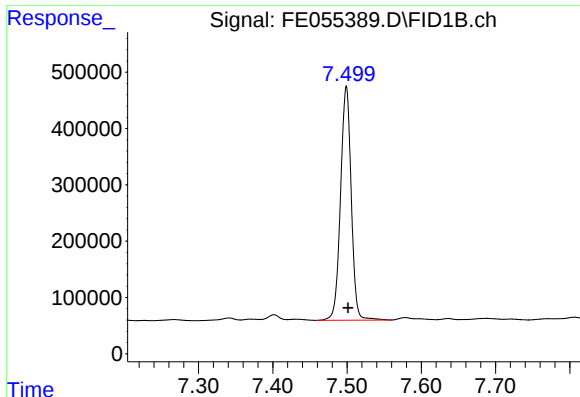
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 4168984
Conc: 31.06 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 3675795
Conc: 30.87 ug/ml



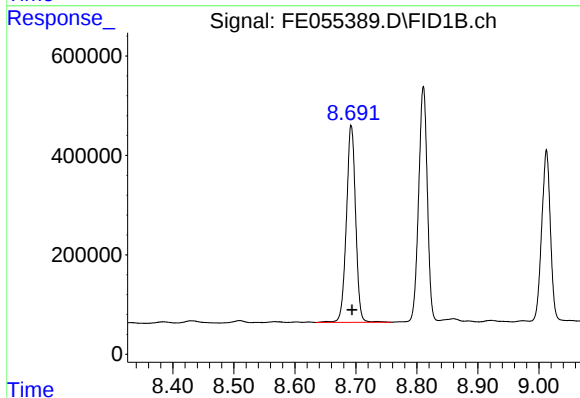
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 4160118
Conc: 31.91 ug/ml

Instrument :
FID_E
ClientSampleId :

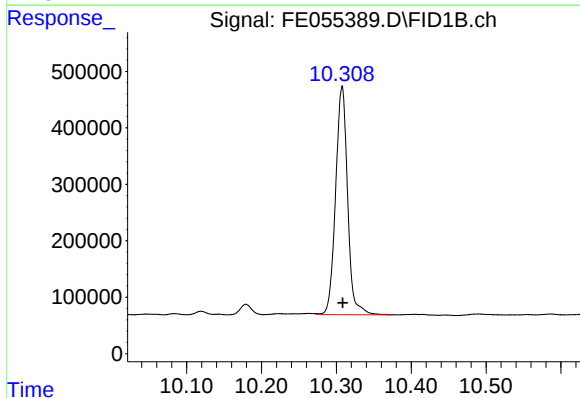
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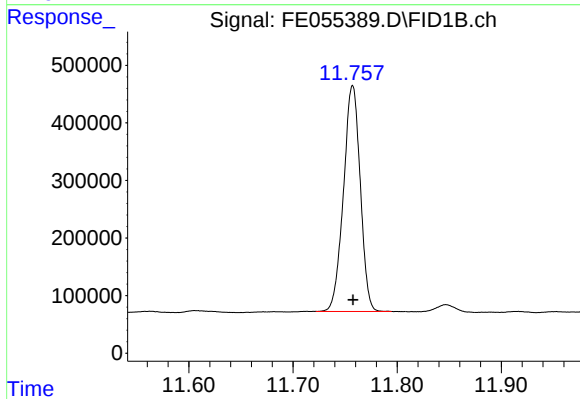
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 4175887
Conc: 34.06 ug/ml



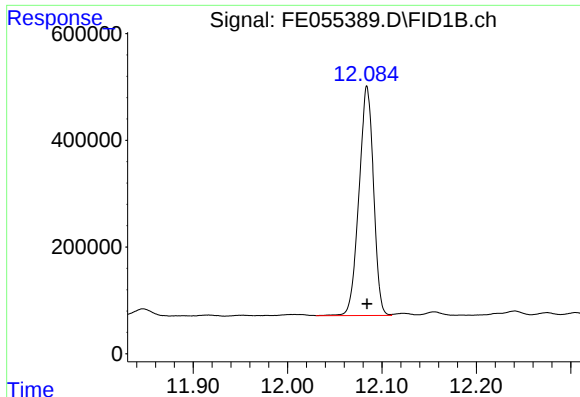
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 4513912
Conc: 35.31 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 4399603
Conc: 33.72 ug/ml m



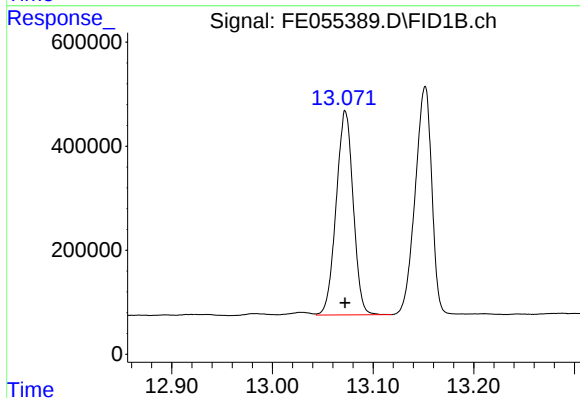
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 4596005
Conc: 32.18 ug/ml

Instrument :
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ClientSampleId :

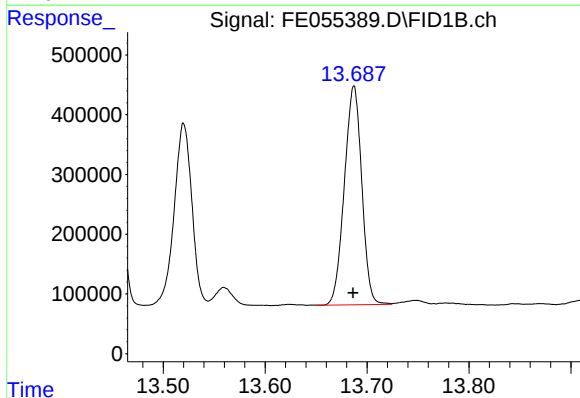
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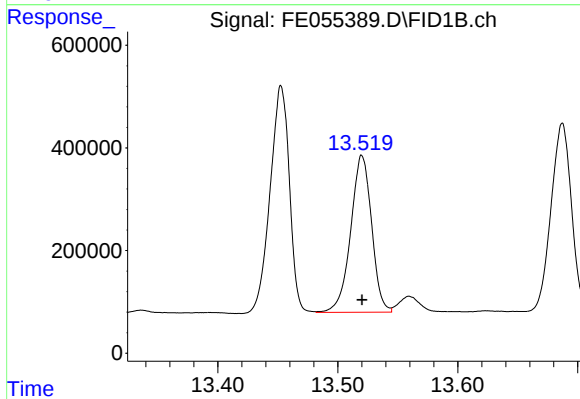
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 4602816
Conc: 36.68 ug/ml



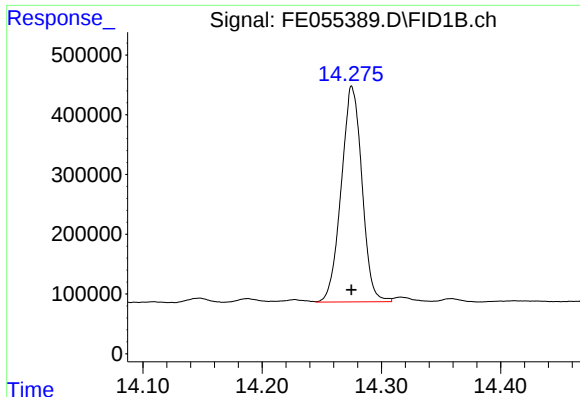
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 4351116
Conc: 35.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 3716129
Conc: 34.56 ug/ml



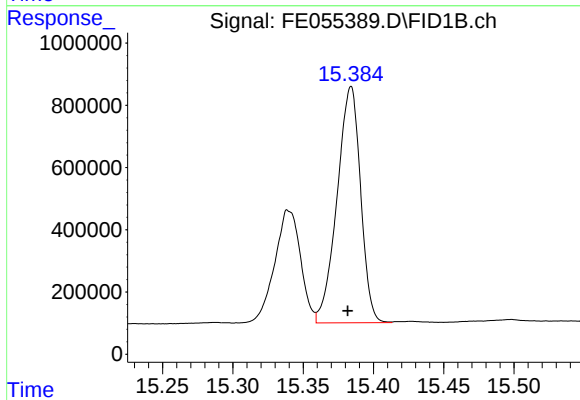
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 4355230
Conc: 35.66 ug/ml

Instrument :
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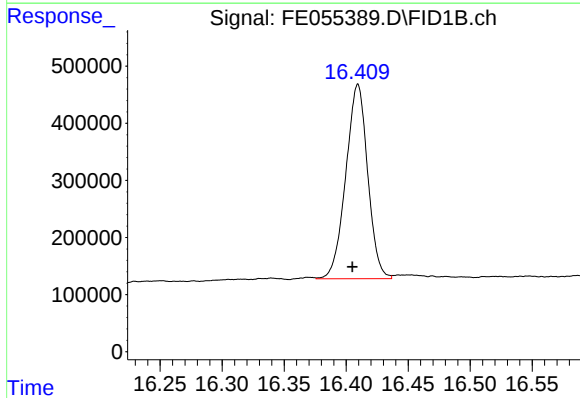
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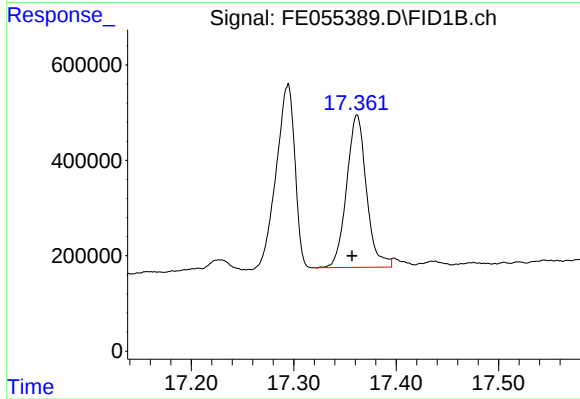
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 8846915
Conc: 72.73 ug/ml



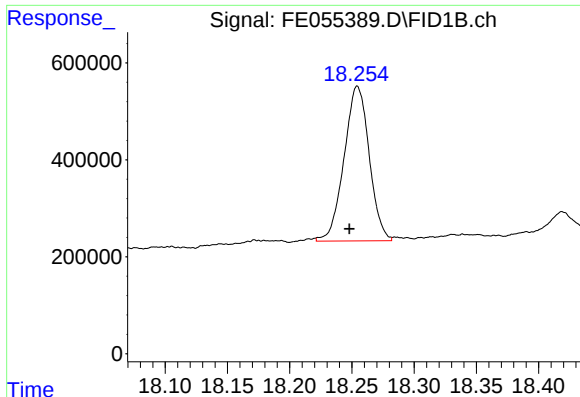
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 4186074
Conc: 34.99 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 4303042
Conc: 36.27 ug/ml m



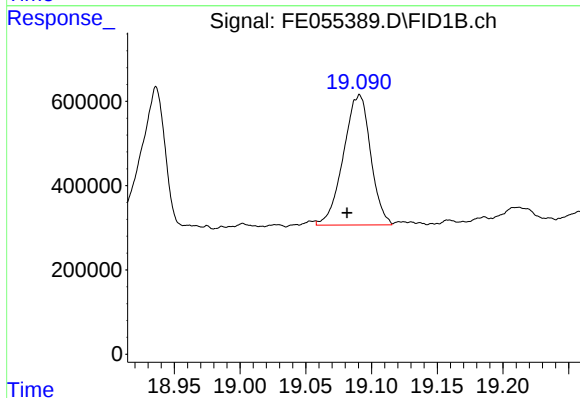
#17 n-Tricontane (C30)

R.T.: 18.254 min
Delta R.T.: 0.006 min
Response: 4493513
Conc: 36.52 ug/ml

Instrument :
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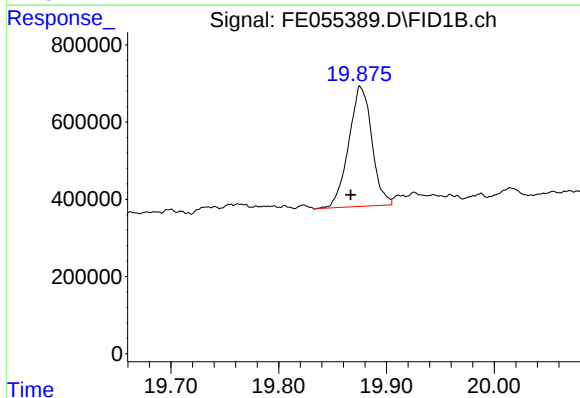
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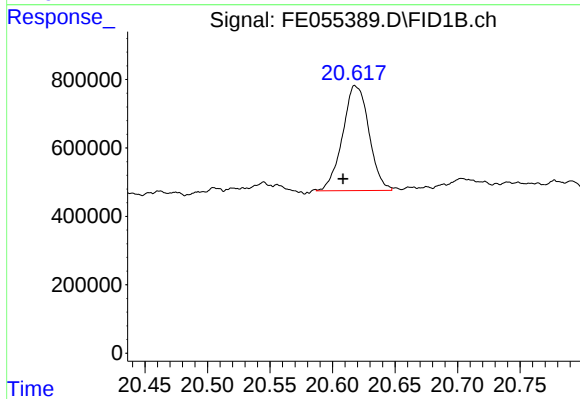
#18 n-Dotriacontane (C32)

R.T.: 19.090 min
Delta R.T.: 0.009 min
Response: 4439743
Conc: 36.39 ug/ml m



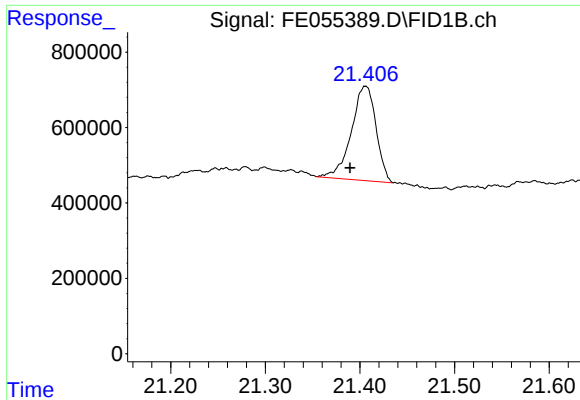
#19 n-Tetratriacontane (C34)

R.T.: 19.877 min
Delta R.T.: 0.010 min
Response: 4622833
Conc: 39.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.617 min
Delta R.T.: 0.009 min
Response: 4495018
Conc: 41.13 ug/ml m



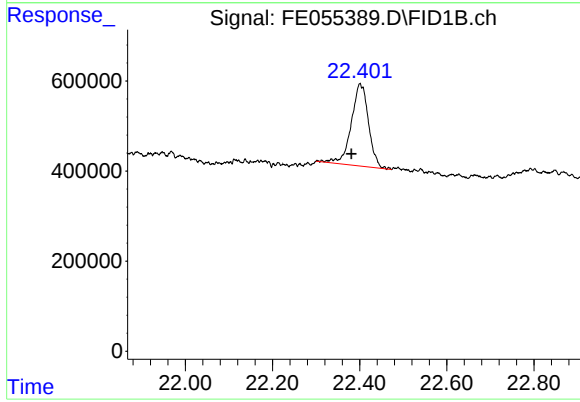
#21 n-Octatriacontane (C38)

R.T.: 21.406 min
Delta R.T.: 0.017 min
Response: 4547601
Conc: 42.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.401 min
Delta R.T.: 0.020 min
Response: 5014051
Conc: 47.95 ug/ml