

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
 Data File : FE055430.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2025 16:47
 Operator : YP\AJ
 Sample : PB169342BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB169342BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2025
 Supervised By :mohammad ahmed 08/25/2025

Integration File: autoint1.e
 Quant Time: Aug 22 01:19:53 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	5894250	41.275 ug/ml
Spiked Amount 50.000		Recovery =	82.55%
12) S 1-chlorooctadecane (S...	13.520	4673592	43.466 ug/ml
Spiked Amount 50.000		Recovery =	86.93%
Target Compounds			
1) T n-Nonane (C9)	3.423	4097800	35.705 ug/ml
2) T n-Decane (C10)	4.679	4254123	36.517 ug/ml
3) T A~Naphthalene (C11.7)	6.398	5367129	39.984 ug/ml
4) T n-Dodecane (C12)	6.853	4631813	38.896 ug/ml
5) T A~2-methylnaphthalene...	7.499	5143348	39.448 ug/ml
6) T n-Tetradecane (C14)	8.692	4942631	40.312 ug/ml
7) T n-Hexadecane (C16)	10.307	5243274	41.013 ug/ml
8) T n-Octadecane (C18)	11.757	5305052	40.660 ug/ml
10) T n-Eicosane (C20)	13.072	5469609	43.592 ug/ml
11) T n-Heneicosane (C21)	13.686	5275780	42.799 ug/ml
13) T n-Docosane (C22)	14.275	5227845	42.809 ug/ml
14) T n-Tetracosane (C24)	15.383	10813824	88.905 ug/ml
15) T n-Hexacosane (C26)	16.408	5071816	42.390 ug/ml
16) T n-Octacosane (C28)	17.359	5075907	42.790 ug/ml
17) T n-Tricontane (C30)	18.249	5116517	41.581 ug/mlm
18) T n-Dotriacontane (C32)	19.082	5260780	43.117 ug/mlm
19) T n-Tetratriacontane (C34)	19.868	5644233	48.275 ug/mlm
20) T n-Hexatriacontane (C36)	20.613	5905859	54.034 ug/mlm
21) T n-Octatriacontane (C38)	21.394	6414609	59.356 ug/mlm
22) T n-Tetracontane (C40)	22.387	6513249	62.283 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082125AL\
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Operator : YP\AJ
Sample : PB169342BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

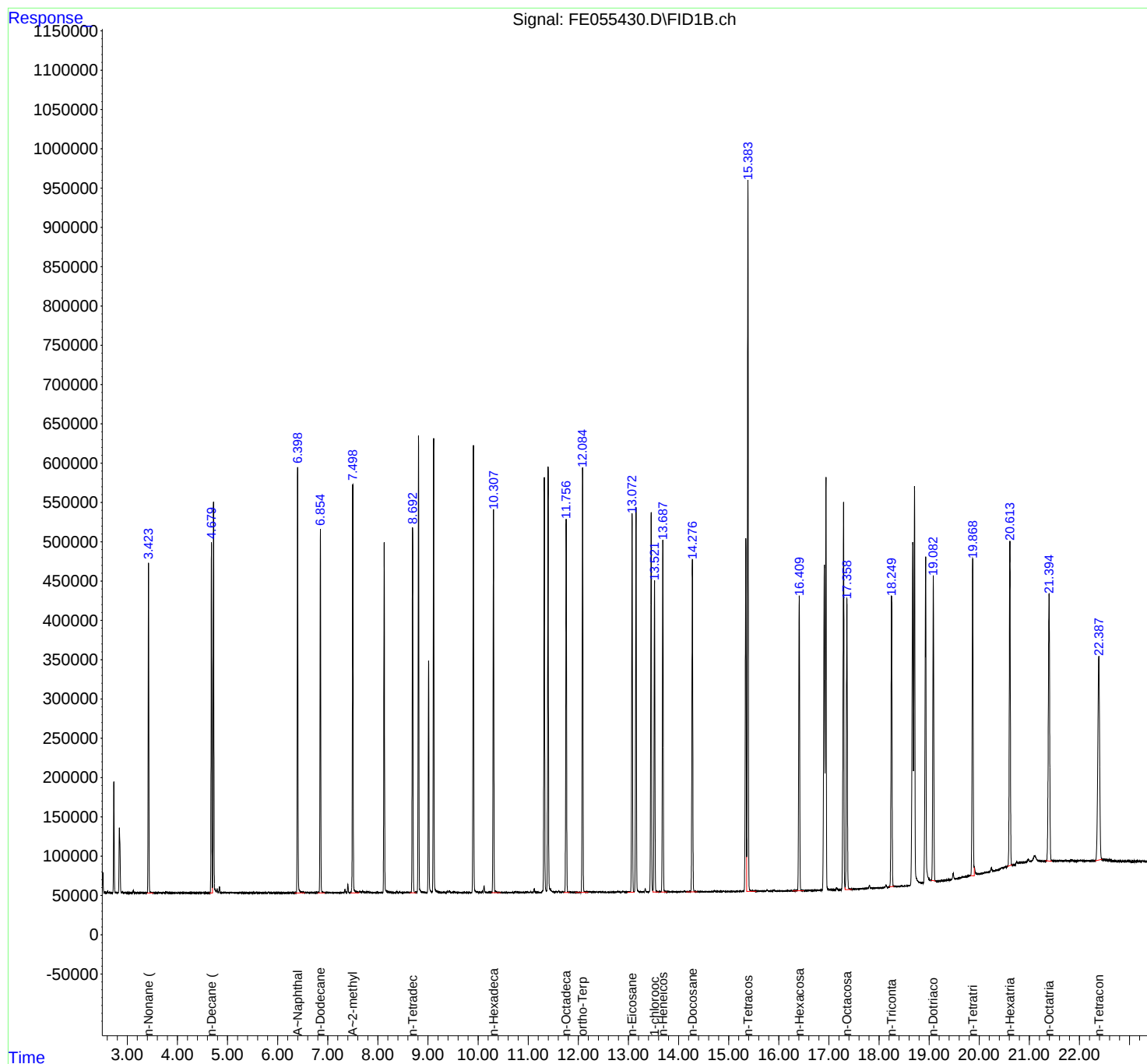
Instrument :
FID_E
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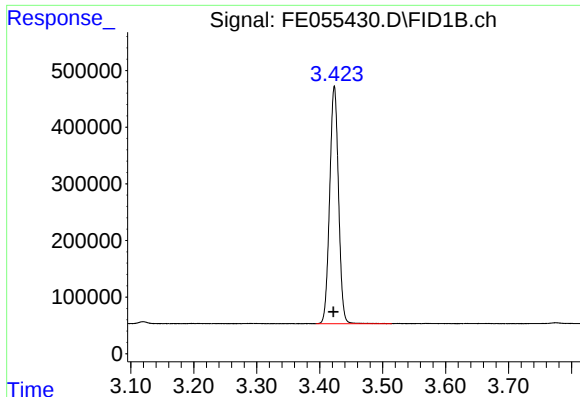
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: 0.001 min
Response: 4097800
Conc: 35.70 ug/ml

Instrument :

FID_E

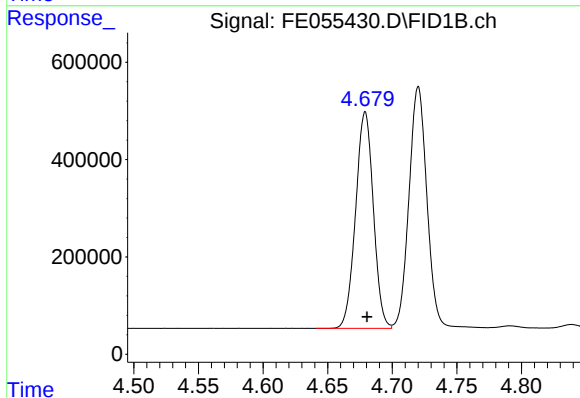
ClientSampleId :

PB169342BSD

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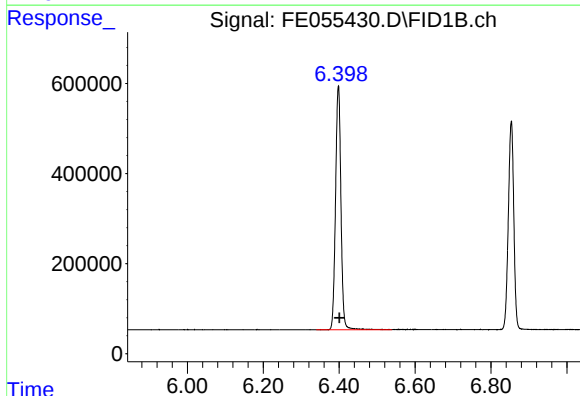
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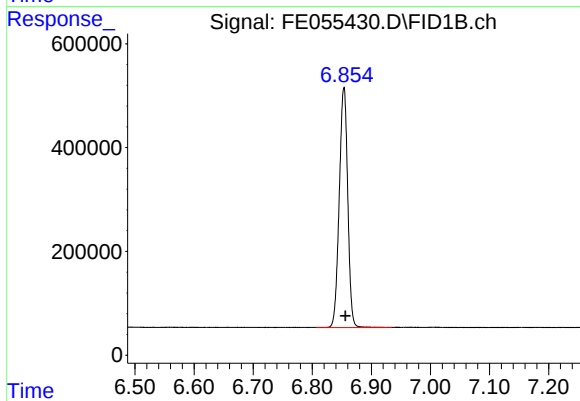
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 4254123
Conc: 36.52 ug/ml



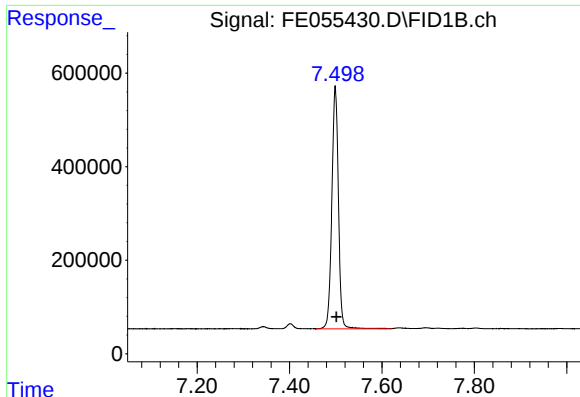
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 5367129
Conc: 39.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 4631813
Conc: 38.90 ug/ml



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

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 5143348
Conc: 39.45 ug/ml

Instrument :

FID_E

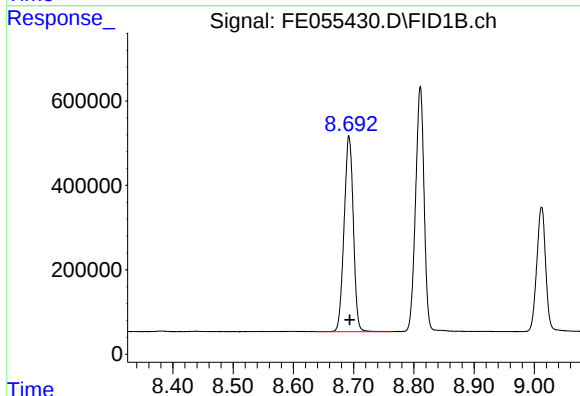
ClientSampleId :

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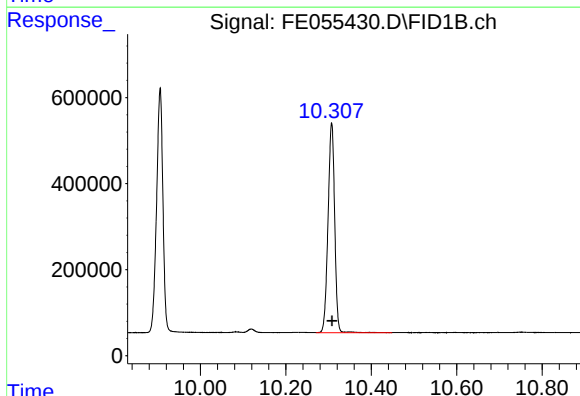
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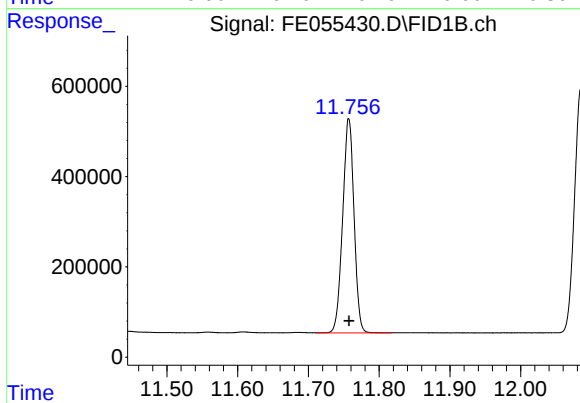
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.001 min
Response: 4942631
Conc: 40.31 ug/ml



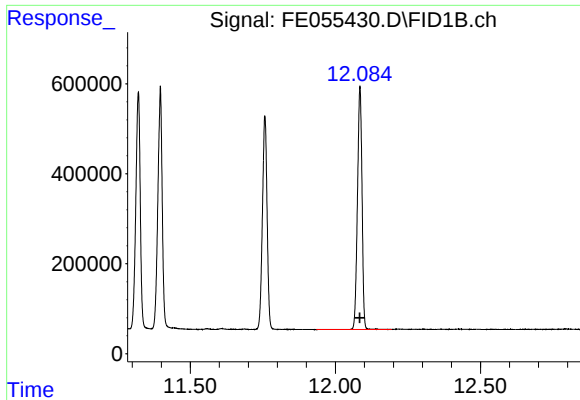
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 5243274
Conc: 41.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 5305052
Conc: 40.66 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 5894250
Conc: 41.28 ug/ml

Instrument :

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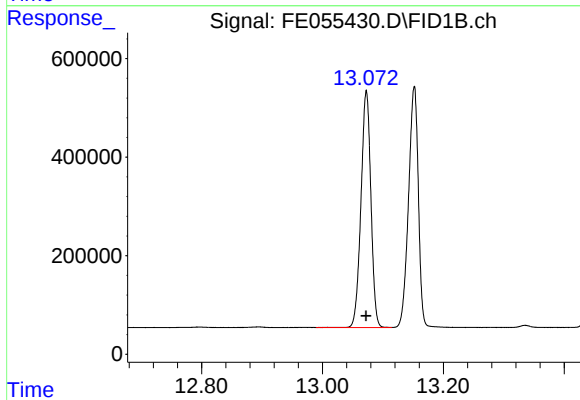
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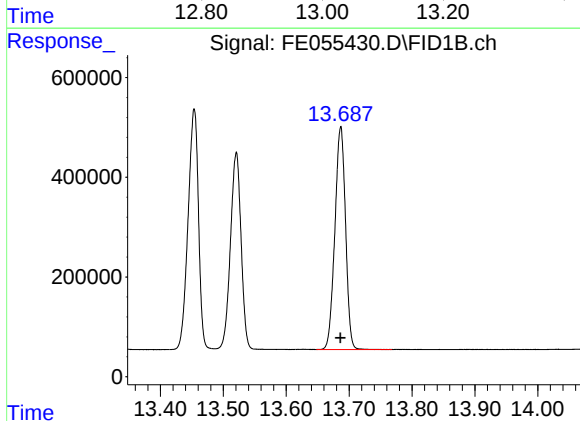
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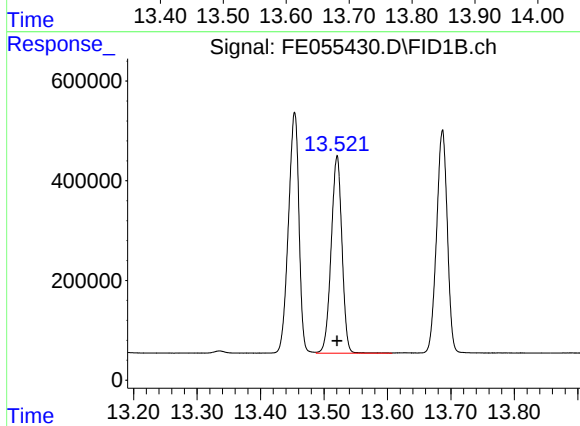
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 5469609
Conc: 43.59 ug/ml



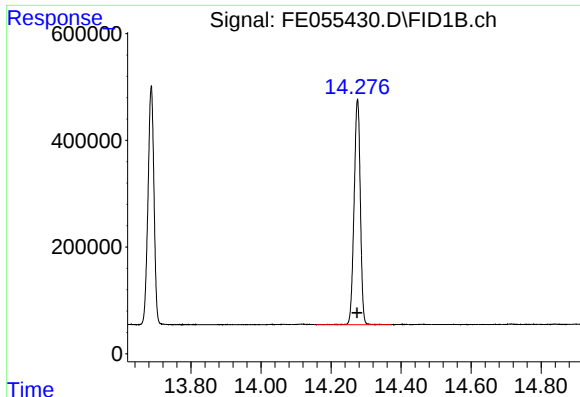
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 5275780
Conc: 42.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 4673592
Conc: 43.47 ug/ml



#13 n-Docosane (C22)

R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 5227845
Conc: 42.81 ug/ml

Instrument :

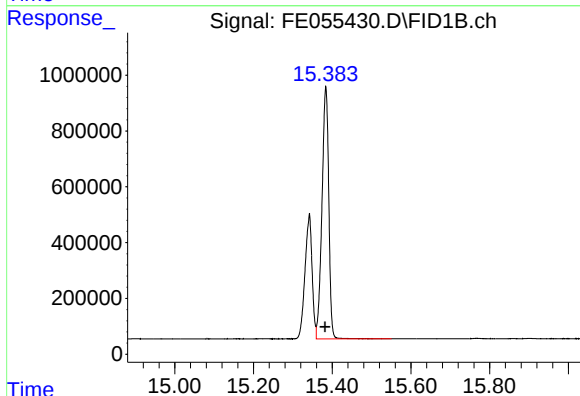
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ClientSampleId :

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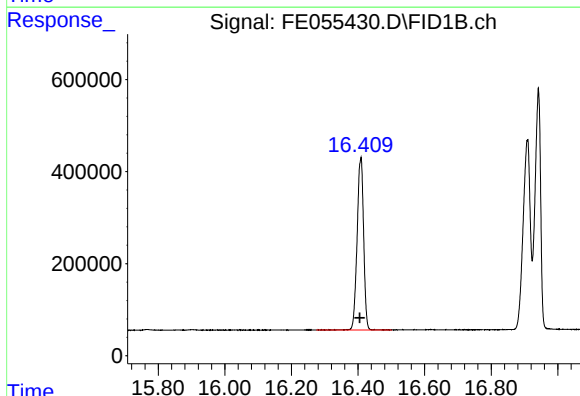
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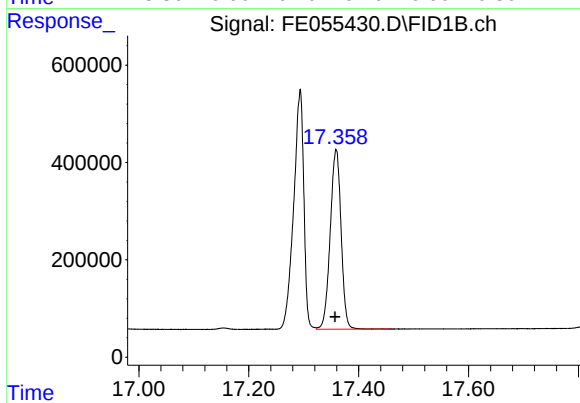
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.001 min
Response: 10813824
Conc: 88.90 ug/ml



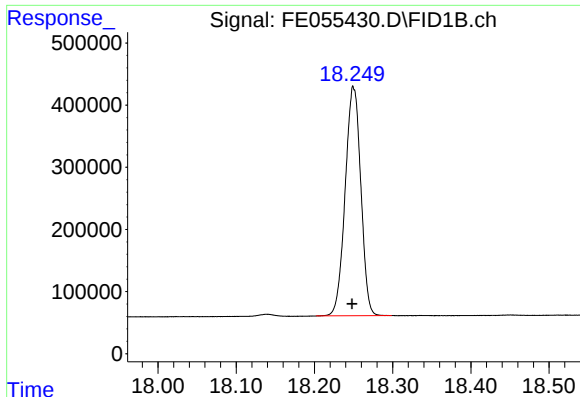
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 5071816
Conc: 42.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 5075907
Conc: 42.79 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 5116517
Conc: 41.58 ug/ml

Instrument :

FID_E

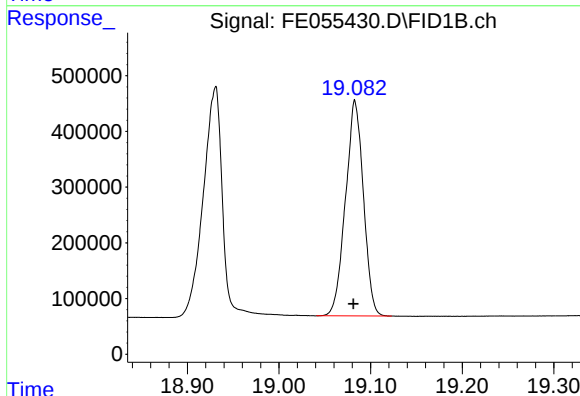
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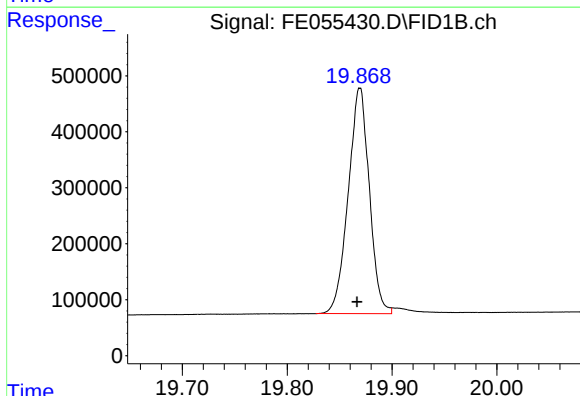
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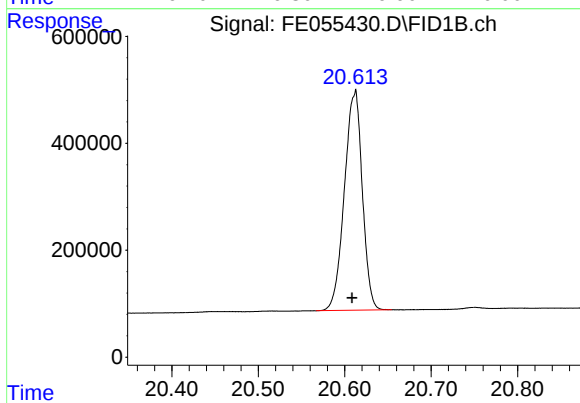
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 5260780
Conc: 43.12 ug/ml m



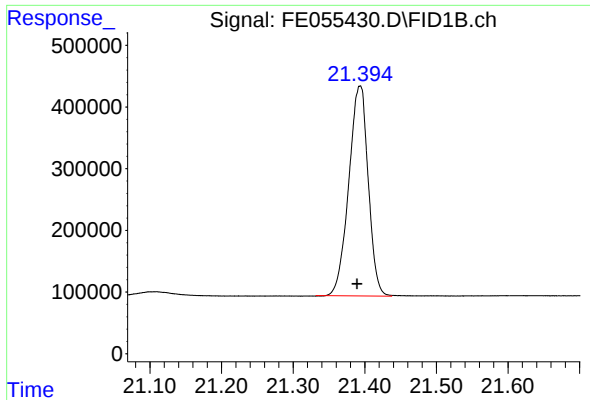
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 5644233
Conc: 48.27 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 5905859
Conc: 54.03 ug/ml m



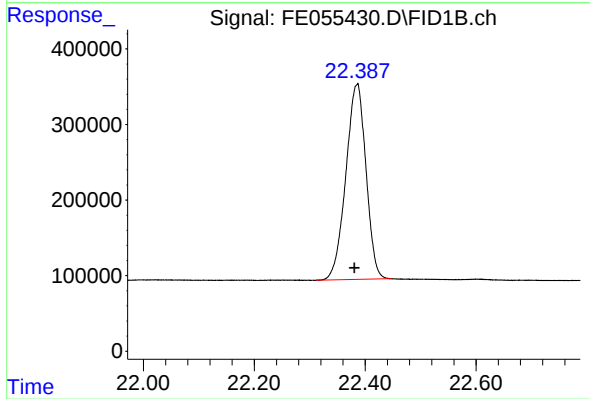
#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.004 min
Response: 6414609
Conc: 59.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.006 min
Response: 6513249
Conc: 62.28 ug/ml m