

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055071.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 16:56
 Operator : YP\AJ
 Sample : Q2709-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211935-295MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File: sample.E
 Quant Time: Jul 30 00:25:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.093	5841219	39.462 ug/mlm
Spiked Amount 50.000		Recovery =	78.92%
12) S 1-chlorooctadecane (S...	13.530	4771053	42.605 ug/mlm
Spiked Amount 50.000		Recovery =	85.21%
Target Compounds			
1) T n-Nonane (C9)	3.425	3619340	29.811 ug/ml
2) T n-Decane (C10)	4.684	4154135	33.563 ug/ml
3) T A~Naphthalene (C11.7)	6.403	5458578	38.351 ug/ml
4) T n-Dodecane (C12)	6.859	4908973	38.731 ug/ml
5) T A~2-methylnaphthalene...	7.505	5503410	39.828 ug/ml
6) T n-Tetradecane (C14)	8.698	5754260	43.823 ug/ml
7) T n-Hexadecane (C16)	10.314	6403972	47.605 ug/ml
8) T n-Octadecane (C18)	11.766	6578980	48.338 ug/mlm
10) T n-Eicosane (C20)	13.082	6677591	51.313 ug/mlm
11) T n-Heneicosane (C21)	13.694	6485371	50.999 ug/mlm
13) T n-Docosane (C22)	14.283	6418040	50.860 ug/mlm
14) T n-Tetracosane (C24)	15.391	13124029	104.720 ug/ml
15) T n-Hexacosane (C26)	16.414	6241743	50.522 ug/ml
16) T n-Octacosane (C28)	17.363	6194275	49.968 ug/ml
17) T n-Tricontane (C30)	18.256	6397562	48.819 ug/ml
18) T n-Dotriacontane (C32)	19.088	6420794	49.246 ug/ml
19) T n-Tetratriacontane (C34)	19.873	6630621	53.485 ug/ml
20) T n-Hexatriacontane (C36)	20.614	6522086	56.774 ug/ml
21) T n-Octatriacontane (C38)	21.397	6768783	60.226 ug/ml
22) T n-Tetracontane (C40)	22.391	6613466	59.978 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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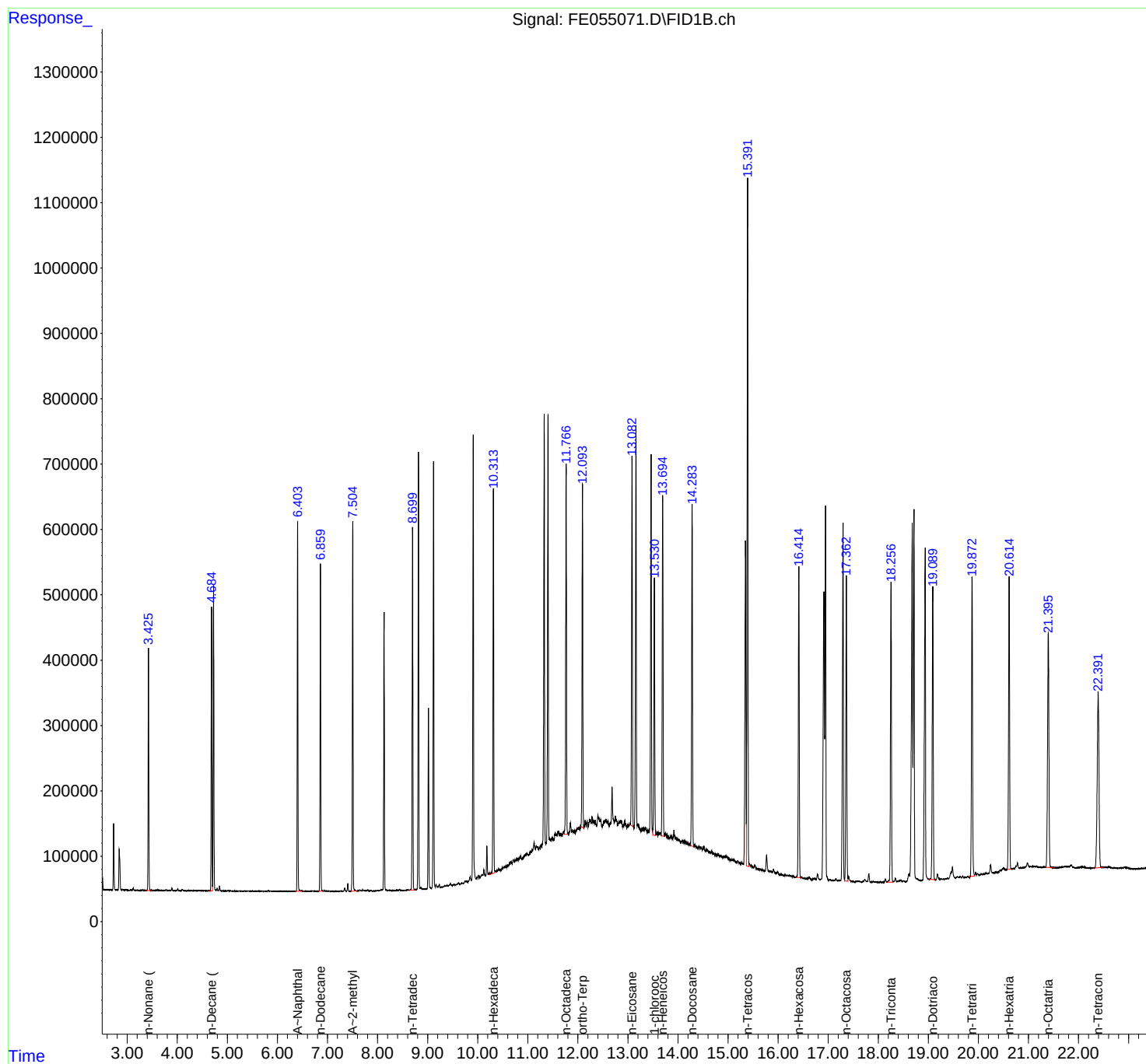
Instrument :
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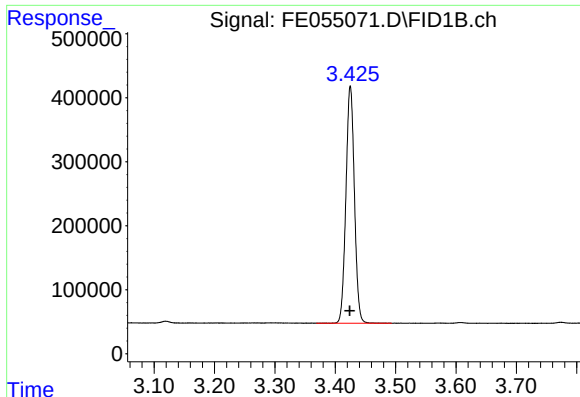
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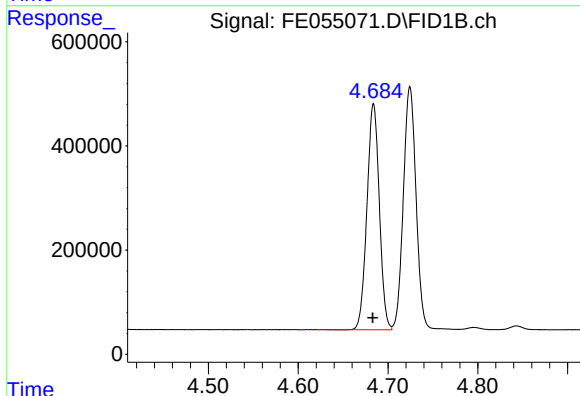
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.001 min
Response: 3619340
Conc: 29.81 ug/ml

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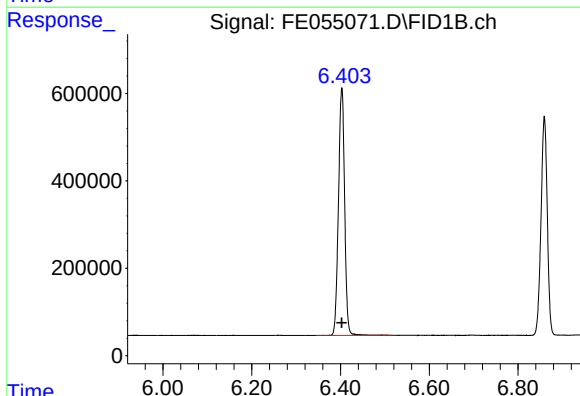
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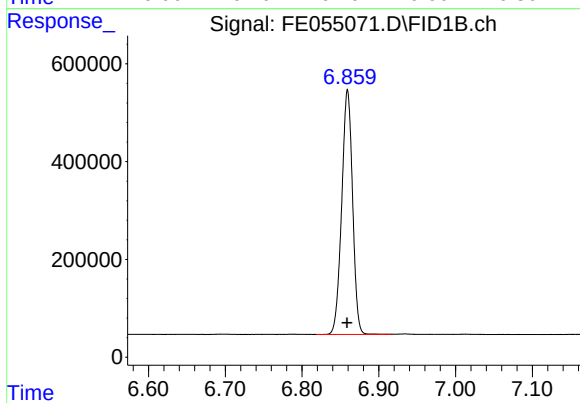
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.001 min
Response: 4154135
Conc: 33.56 ug/ml



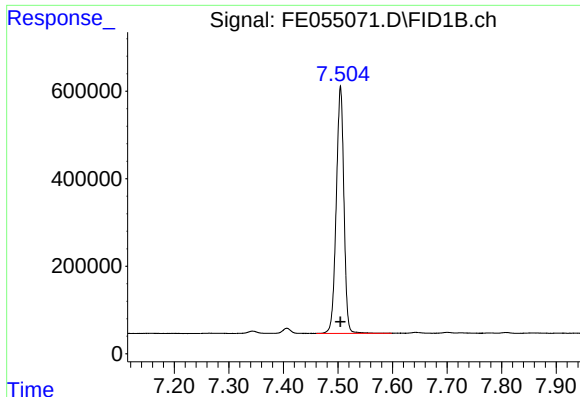
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 5458578
Conc: 38.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 4908973
Conc: 38.73 ug/ml



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

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 5503410
Conc: 39.83 ug/ml

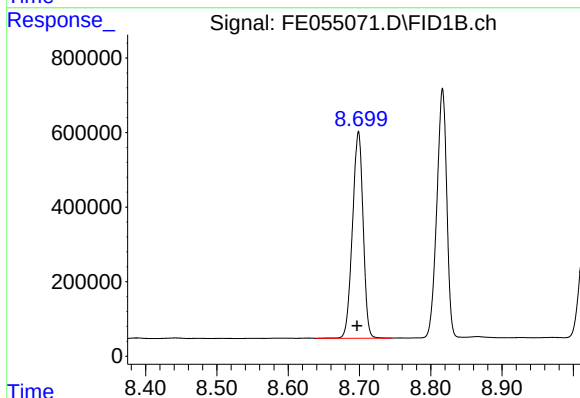
Instrument :

FID_E

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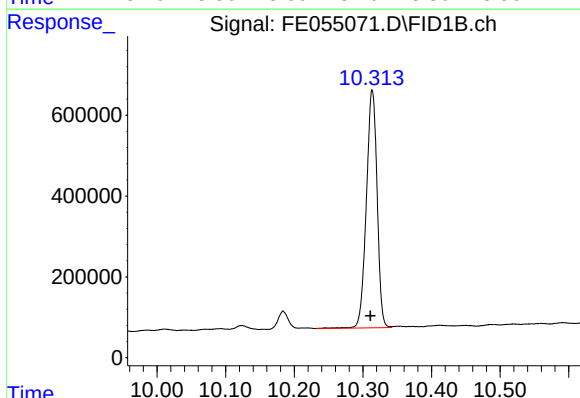
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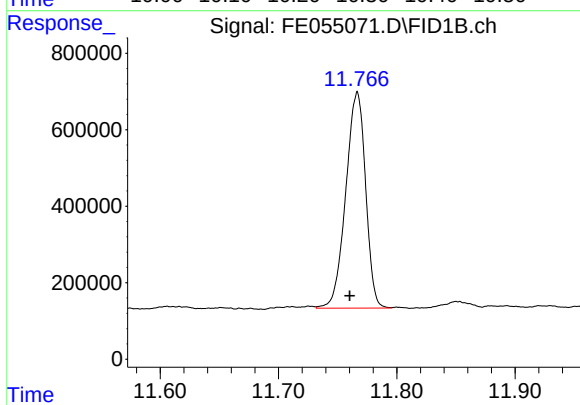
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.002 min
Response: 5754260
Conc: 43.82 ug/ml



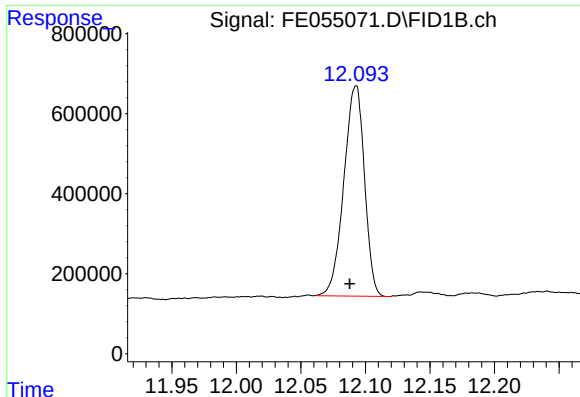
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.002 min
Response: 6403972
Conc: 47.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.766 min
Delta R.T.: 0.006 min
Response: 6578980
Conc: 48.34 ug/ml m



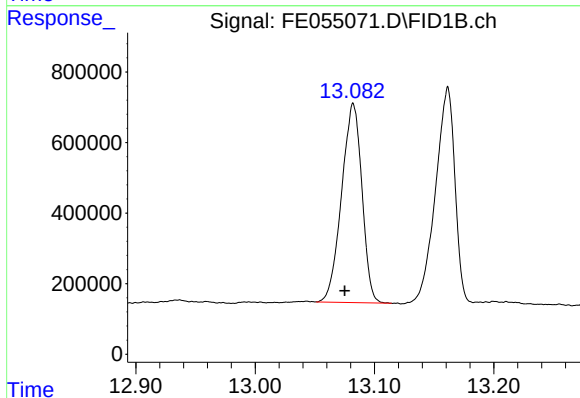
#9 ortho-Terphenyl (SURR)

R.T.: 12.093 min
Delta R.T.: 0.005 min
Response: 5841219
Conc: 39.46 ug/ml

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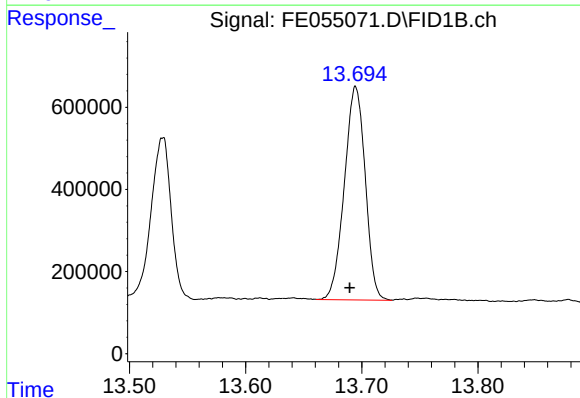
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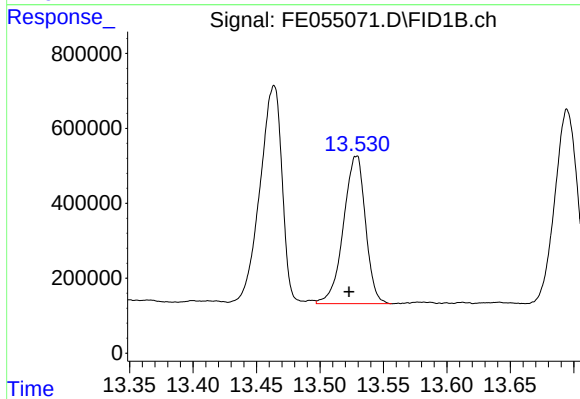
#10 n-Eicosane (C20)

R.T.: 13.082 min
Delta R.T.: 0.007 min
Response: 6677591
Conc: 51.31 ug/ml m



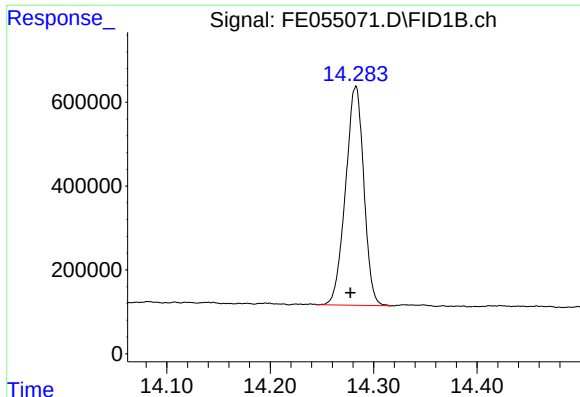
#11 n-Heneicosane (C21)

R.T.: 13.694 min
Delta R.T.: 0.004 min
Response: 6485371
Conc: 51.00 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.530 min
Delta R.T.: 0.007 min
Response: 4771053
Conc: 42.61 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.283 min
Delta R.T.: 0.005 min
Response: 6418040
Conc: 50.86 ug/ml

Instrument :

FID_E

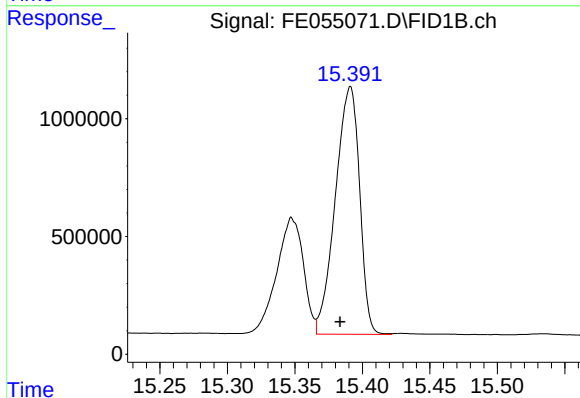
ClientSampleId :

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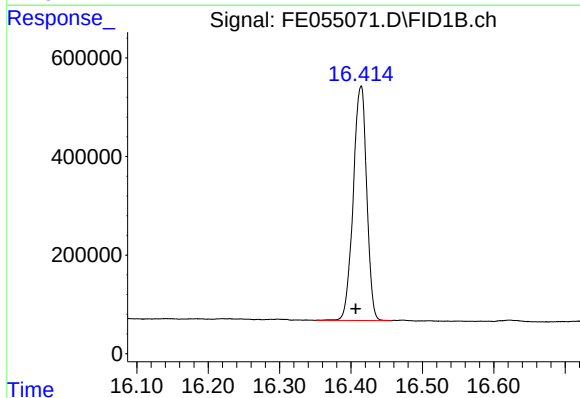
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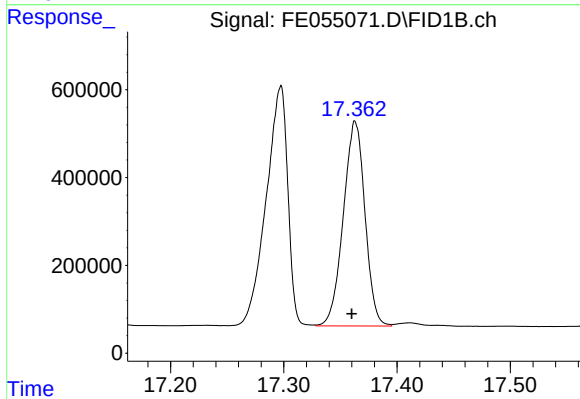
#14 n-Tetracosane (C24)

R.T.: 15.391 min
Delta R.T.: 0.007 min
Response: 13124029
Conc: 104.72 ug/ml



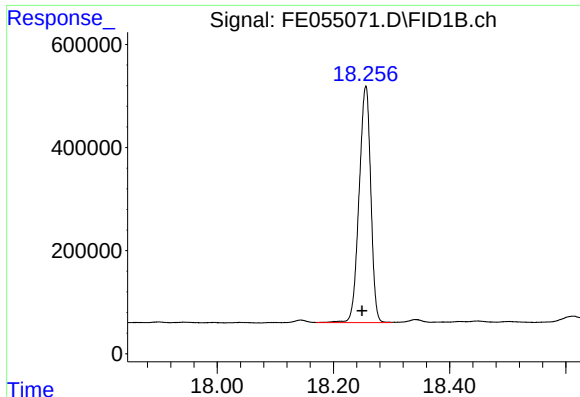
#15 n-Hexacosane (C26)

R.T.: 16.414 min
Delta R.T.: 0.007 min
Response: 6241743
Conc: 50.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 6194275
Conc: 49.97 ug/ml



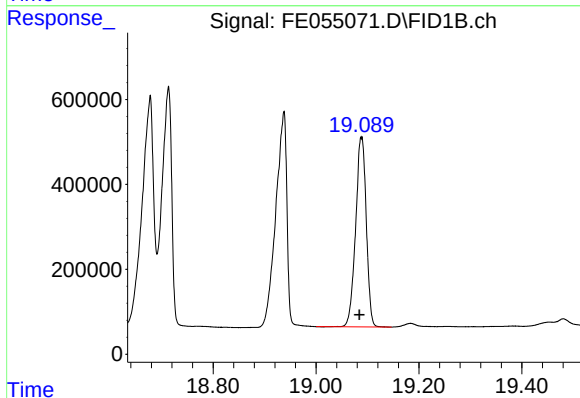
#17 n-Tricontane (C30)

R.T.: 18.256 min
Delta R.T.: 0.006 min
Response: 6397562
Conc: 48.82 ug/ml

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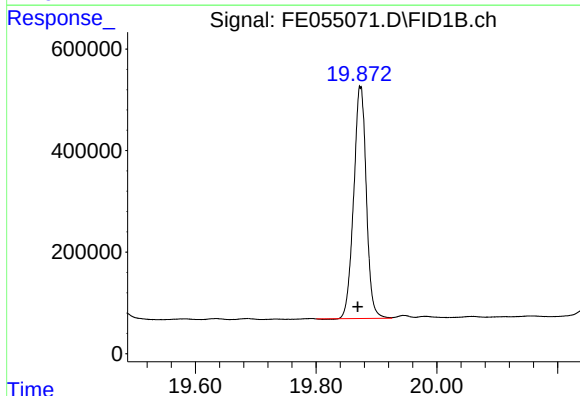
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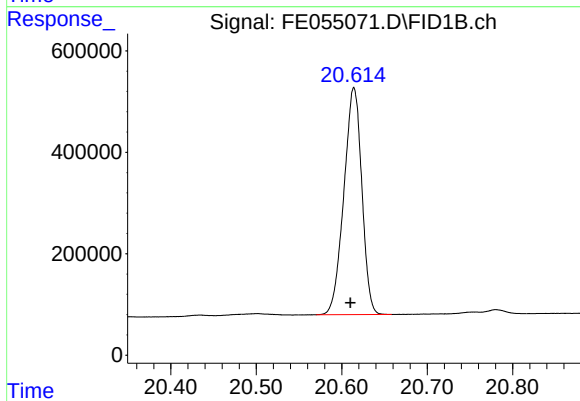
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.004 min
Response: 6420794
Conc: 49.25 ug/ml



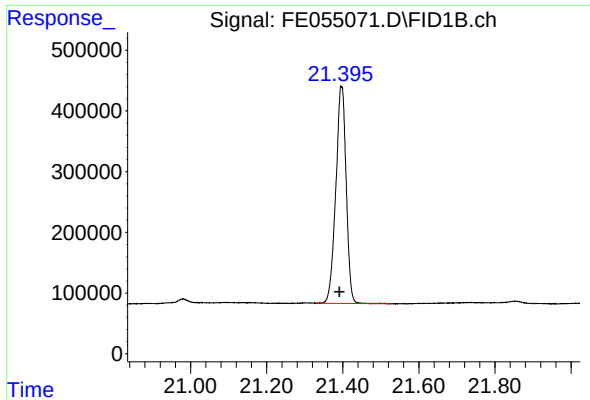
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.004 min
Response: 6630621
Conc: 53.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.004 min
Response: 6522086
Conc: 56.77 ug/ml



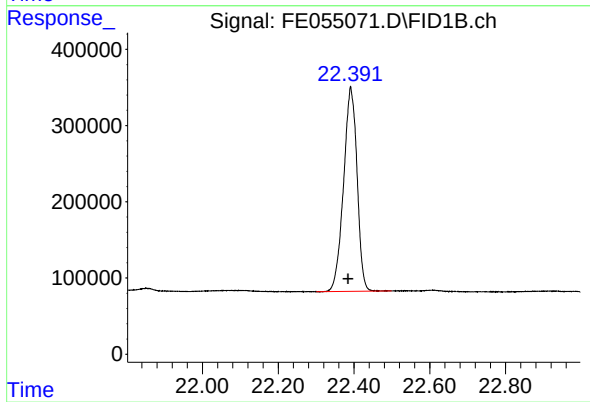
#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.005 min
Response: 6768783
Conc: 60.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.007 min
Response: 6613466
Conc: 59.98 ug/ml