

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054099.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 15:32
 Operator : YP\AJ
 Sample : PB168210BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168210BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File: autoint1.e
 Quant Time: May 30 22:55:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.841	6175368	37.999 ug/ml
Spiked Amount 50.000		Recovery =	76.00%
12) S 1-chlorooctadecane (S...	13.285	5025193	42.389 ug/ml
Spiked Amount 50.000		Recovery =	84.78%
Target Compounds			
1) T n-Nonane (C9)	3.192	4468110	33.060 ug/ml
2) T n-Decane (C10)	4.452	4658602	34.475 ug/ml
3) T A~Naphthalene (C11.7)	6.163	5752288	40.026 ug/ml
4) T n-Dodecane (C12)	6.631	4988383	36.570 ug/ml
5) T A~2-methylnaphthalene...	7.265	5294690	38.171 ug/ml
6) T n-Tetradecane (C14)	8.467	5104495	37.825 ug/ml
7) T n-Hexadecane (C16)	10.079	5284514	39.164 ug/ml
8) T n-Octadecane (C18)	11.526	5294125	39.315 ug/mlm
10) T n-Eicosane (C20)	12.840	5468102	41.605 ug/ml
11) T n-Heneicosane (C21)	13.454	5233239	40.366 ug/ml
13) T n-Docosane (C22)	14.041	5191204	40.691 ug/ml
14) T n-Tetracosane (C24)	15.139	10828779	86.550 ug/ml
15) T n-Hexacosane (C26)	16.172	5052734	41.263 ug/ml
16) T n-Octacosane (C28)	17.122	5166643	42.501 ug/ml
17) T n-Tricontane (C30)	18.013	4948021	39.723 ug/ml
18) T n-Dotriacontane (C32)	18.845	4857788	38.845 ug/ml
19) T n-Tetratriacontane (C34)	19.630	4993137	41.916 ug/ml
20) T n-Hexatriacontane (C36)	20.372	5171715	44.666 ug/ml
21) T n-Octatriacontane (C38)	21.103	5221281	47.978 ug/ml
22) T n-Tetracontane (C40)	21.997	5165533	52.056 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB168210BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

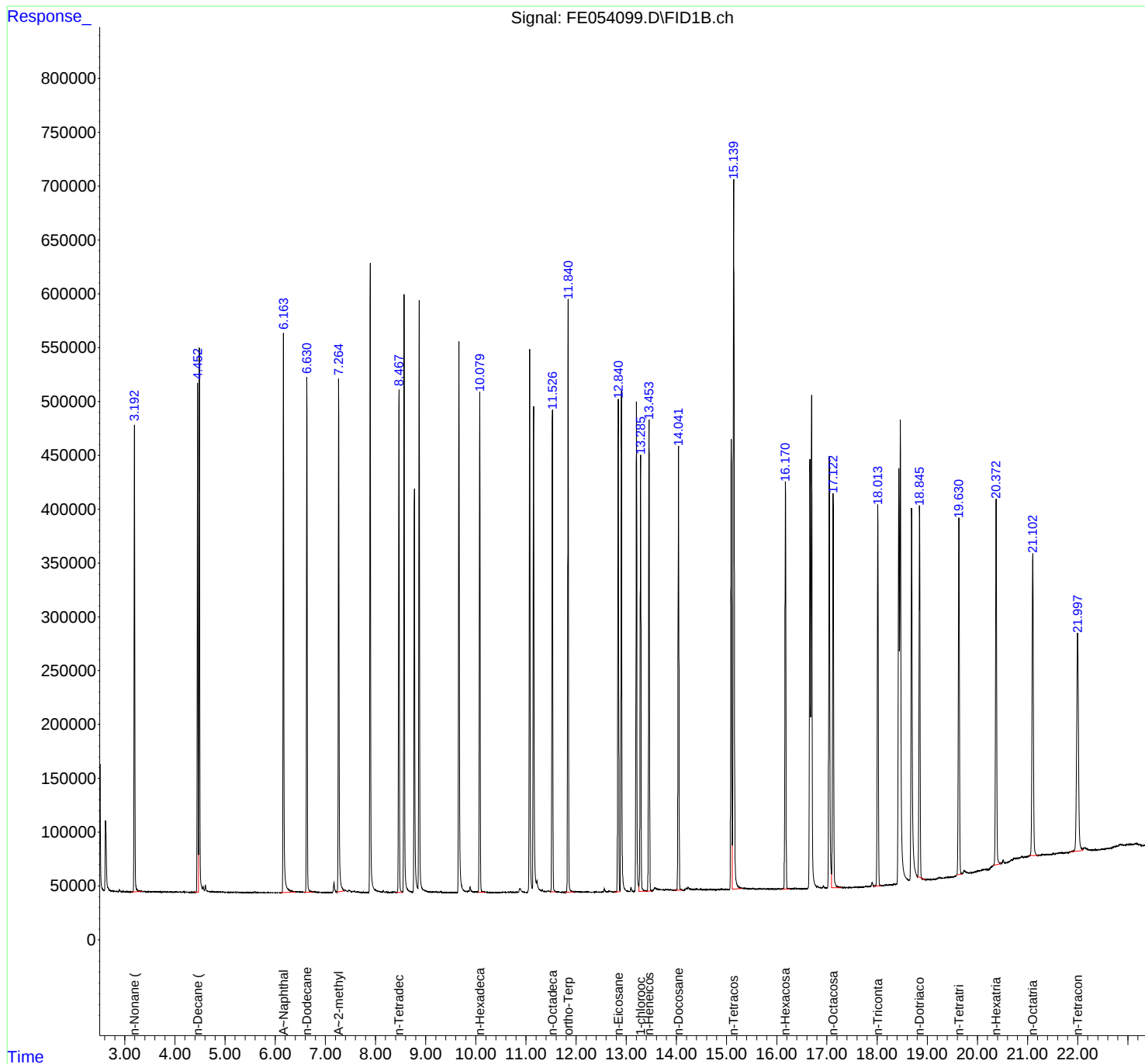
Instrument :
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PB168210BSD

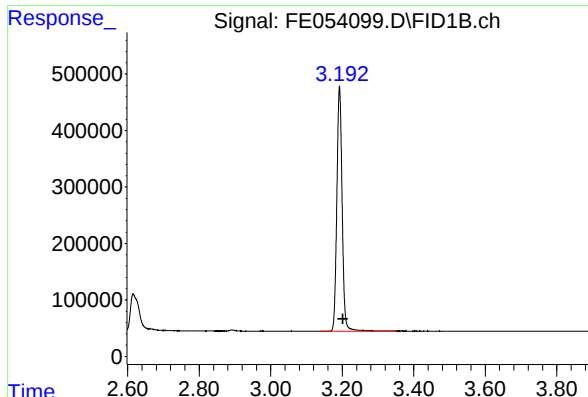
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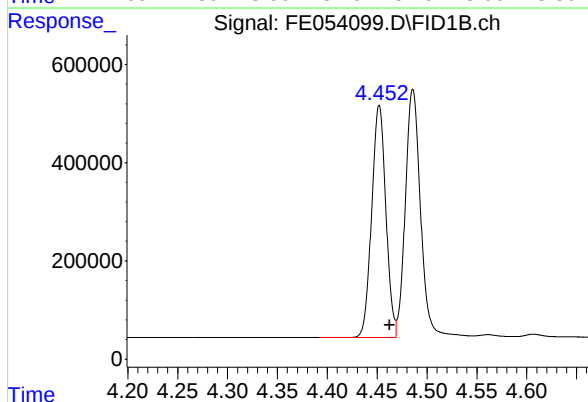
#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: -0.010 min
Response: 4468110
Conc: 33.06 ug/ml

Instrument :
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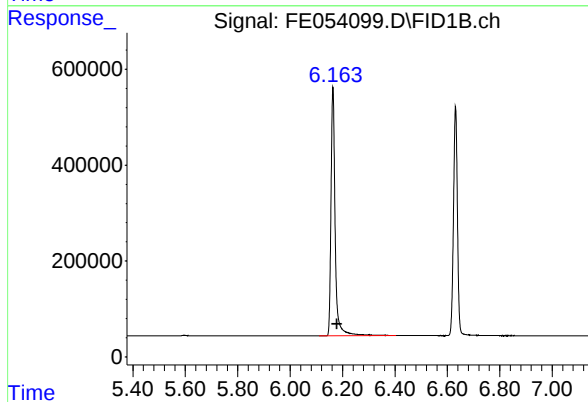
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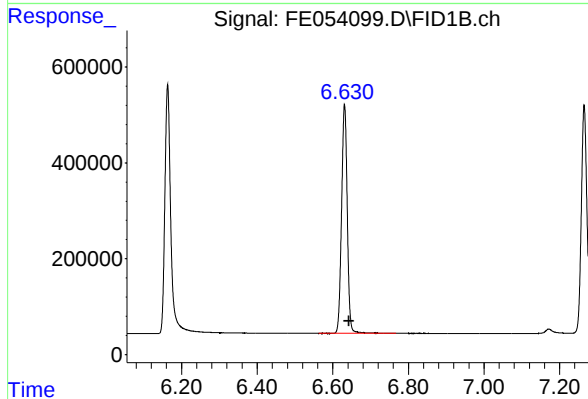
#2 n-Decane (C10)

R.T.: 4.452 min
Delta R.T.: -0.010 min
Response: 4658602
Conc: 34.47 ug/ml



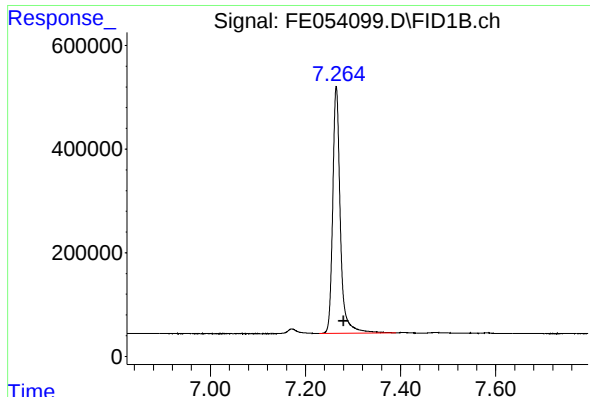
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.015 min
Response: 5752288
Conc: 40.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.011 min
Response: 4988383
Conc: 36.57 ug/ml



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

R.T.: 7.265 min
Delta R.T.: -0.015 min
Response: 5294690
Conc: 38.17 ug/ml

Instrument :

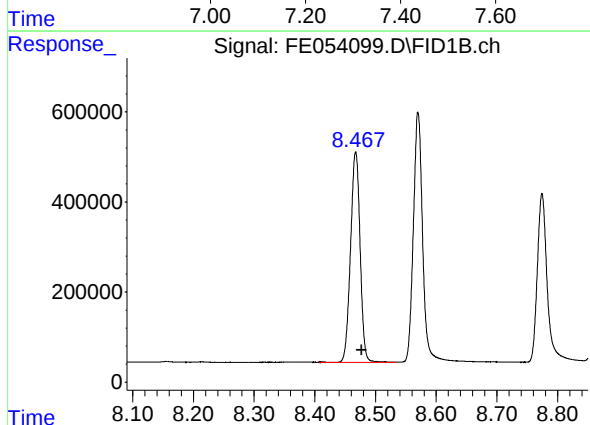
FID_E

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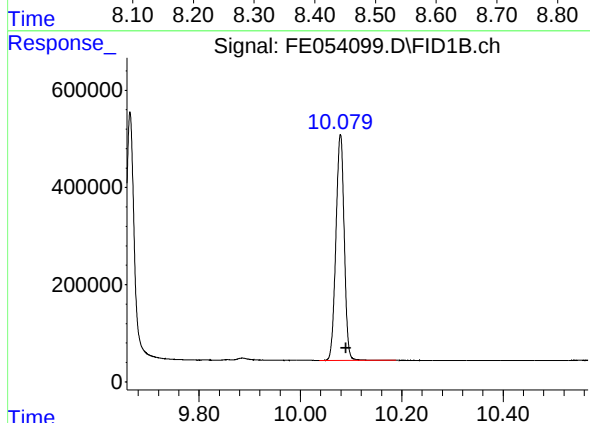
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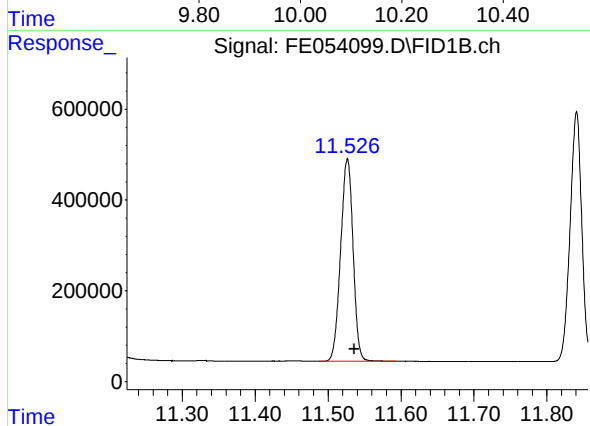
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.010 min
Response: 5104495
Conc: 37.83 ug/ml



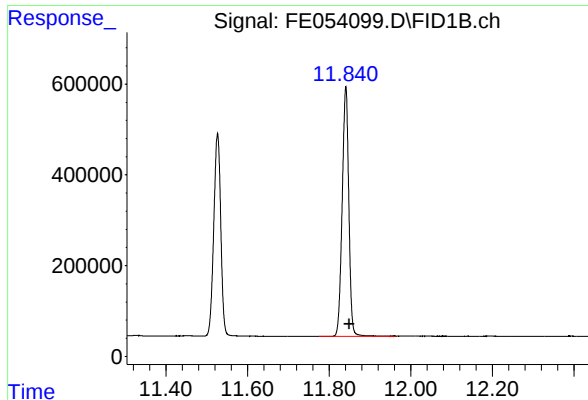
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.011 min
Response: 5284514
Conc: 39.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.526 min
Delta R.T.: -0.009 min
Response: 5294125
Conc: 39.31 ug/ml m



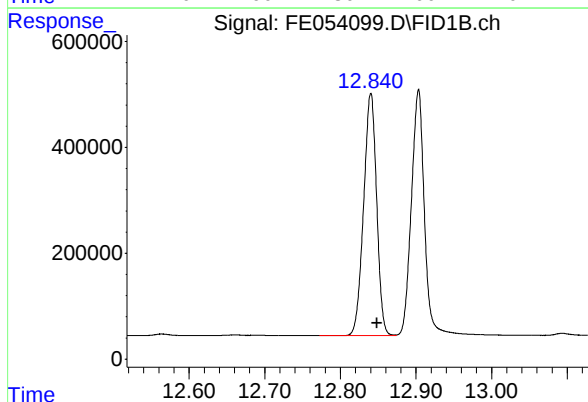
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.008 min
Response: 6175368
Conc: 38.00 ug/ml

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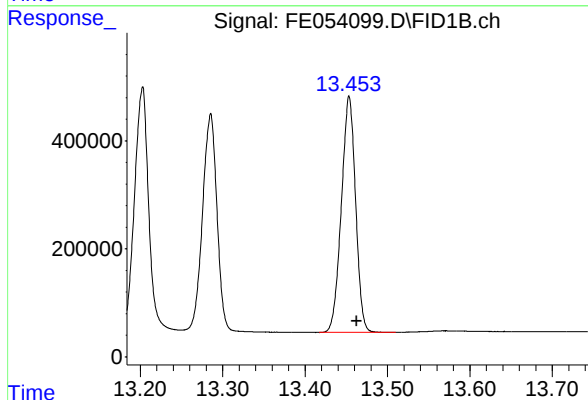
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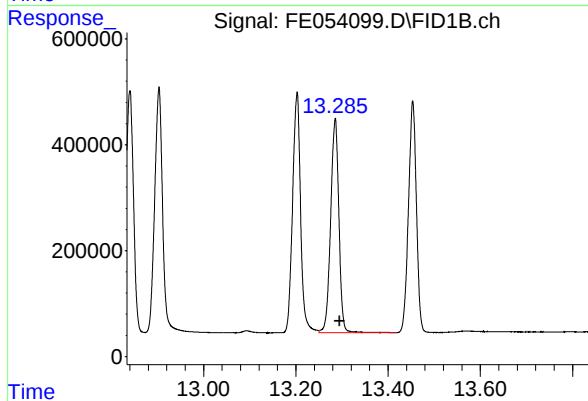
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.008 min
Response: 5468102
Conc: 41.61 ug/ml



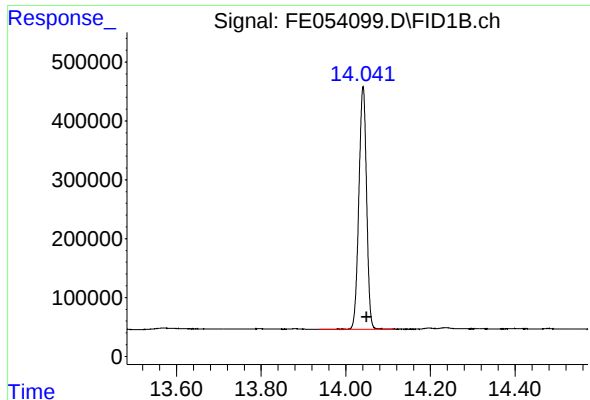
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.009 min
Response: 5233239
Conc: 40.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.009 min
Response: 5025193
Conc: 42.39 ug/ml



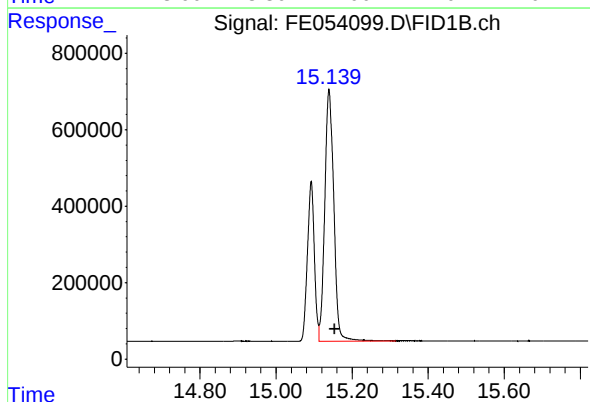
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.009 min
Response: 5191204
Conc: 40.69 ug/ml

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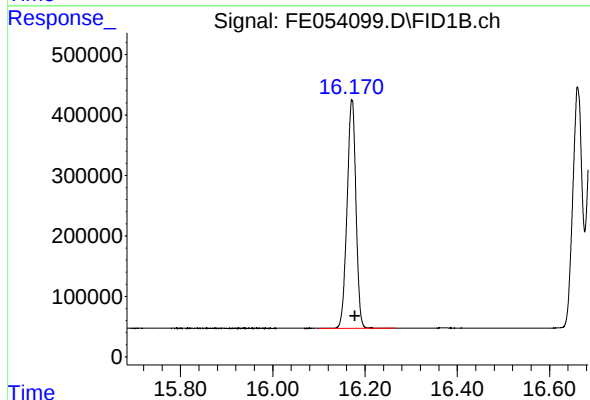
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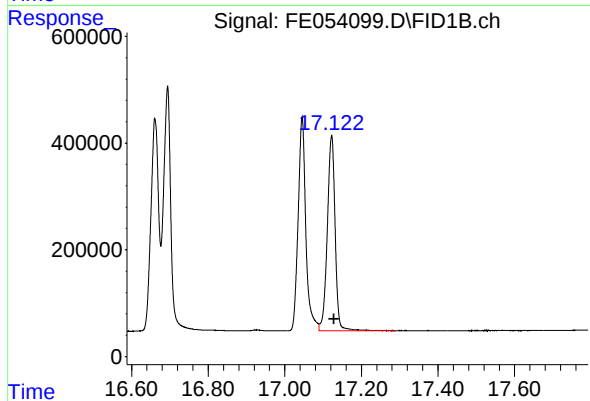
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.015 min
Response: 10828779
Conc: 86.55 ug/ml



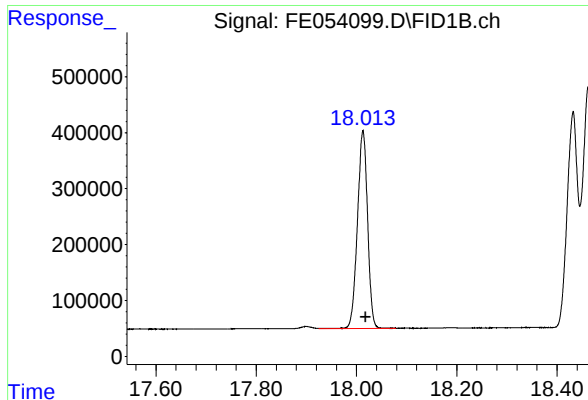
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 5052734
Conc: 41.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.007 min
Response: 5166643
Conc: 42.50 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 4948021
Conc: 39.72 ug/ml

Instrument :

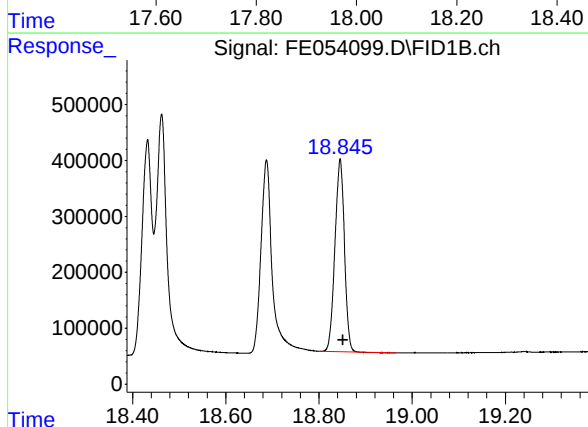
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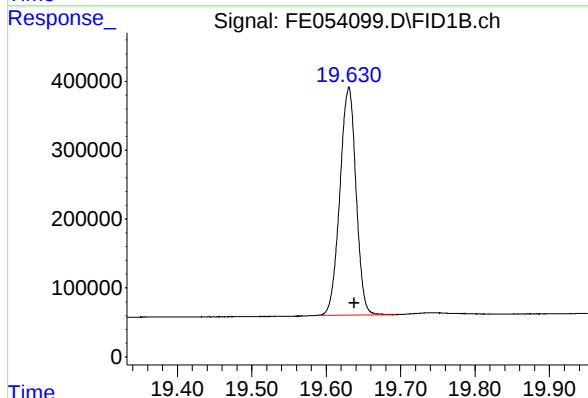
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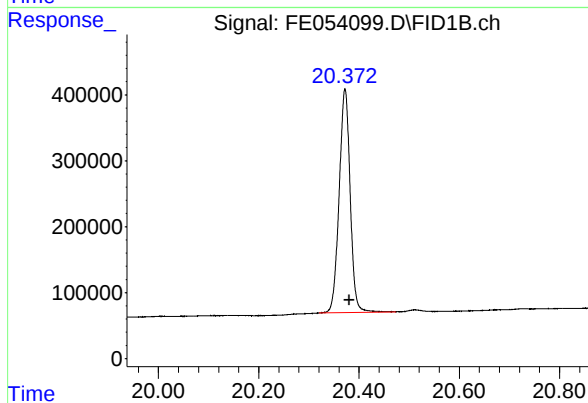
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 4857788
Conc: 38.85 ug/ml



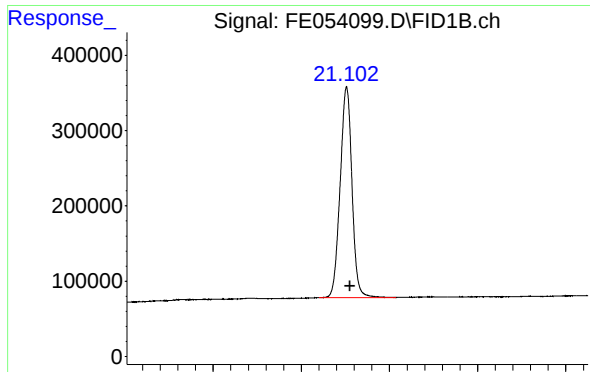
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: -0.008 min
Response: 4993137
Conc: 41.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: -0.008 min
Response: 5171715
Conc: 44.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 5221281
Conc: 47.98 ug/ml

Instrument :

FID_E

ClientSampleId :

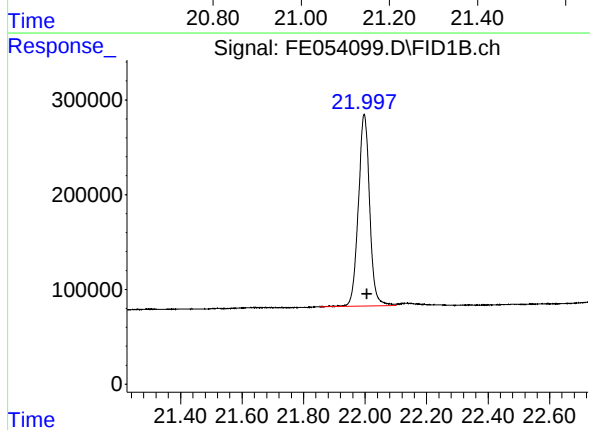
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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 5165533
Conc: 52.06 ug/ml