

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061625AL\
 Data File : FE054425.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 02:18
 Operator : YP\AJ
 Sample : PB168485BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168485BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/17/2025

Supervised By :mohammad ahmed 06/18/2025

Integration File: autoint1.e

Quant Time: Jun 17 03:38:14 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.828	6437294	38.958 ug/ml
Spiked Amount 50.000		Recovery =	77.92%
12) S 1-chlorooctadecane (S...	13.270	5121351	41.996 ug/mlm
Spiked Amount 50.000		Recovery =	83.99%
Target Compounds			
1) T n-Nonane (C9)	3.183	4830372	38.898 ug/ml
2) T n-Decane (C10)	4.442	4880221	39.276 ug/ml
3) T A~Naphthalene (C11.7)	6.153	6090999	45.071 ug/ml
4) T n-Dodecane (C12)	6.621	5091400	39.985 ug/ml
5) T A~2-methylnaphthalene...	7.255	5576958	42.105 ug/ml
6) T n-Tetradecane (C14)	8.456	5166758	39.909 ug/ml
7) T n-Hexadecane (C16)	10.067	5268808	39.663 ug/ml
8) T n-Octadecane (C18)	11.513	5314255	39.355 ug/ml
10) T n-Eicosane (C20)	12.827	5482440	40.982 ug/ml
11) T n-Heneicosane (C21)	13.439	5247289	39.463 ug/ml
13) T n-Docosane (C22)	14.026	5190331	39.584 ug/ml
14) T n-Tetracosane (C24)	15.128	11356448	88.039 ug/ml
15) T n-Hexacosane (C26)	16.156	5015977	39.959 ug/ml
16) T n-Octacosane (C28)	17.105	5238808	42.720 ug/mlm
17) T n-Tricontane (C30)	17.996	4917297	39.674 ug/ml
18) T n-Dotriacontane (C32)	18.828	5102982	40.614 ug/mlm
19) T n-Tetratriacontane (C34)	19.615	5048541	40.581 ug/ml
20) T n-Hexatriacontane (C36)	20.355	5197737	40.377 ug/ml
21) T n-Octatriacontane (C38)	21.082	5582201	42.276 ug/ml
22) T n-Tetracontane (C40)	21.972	5643653	41.896 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 27 Sample Multiplier: 1

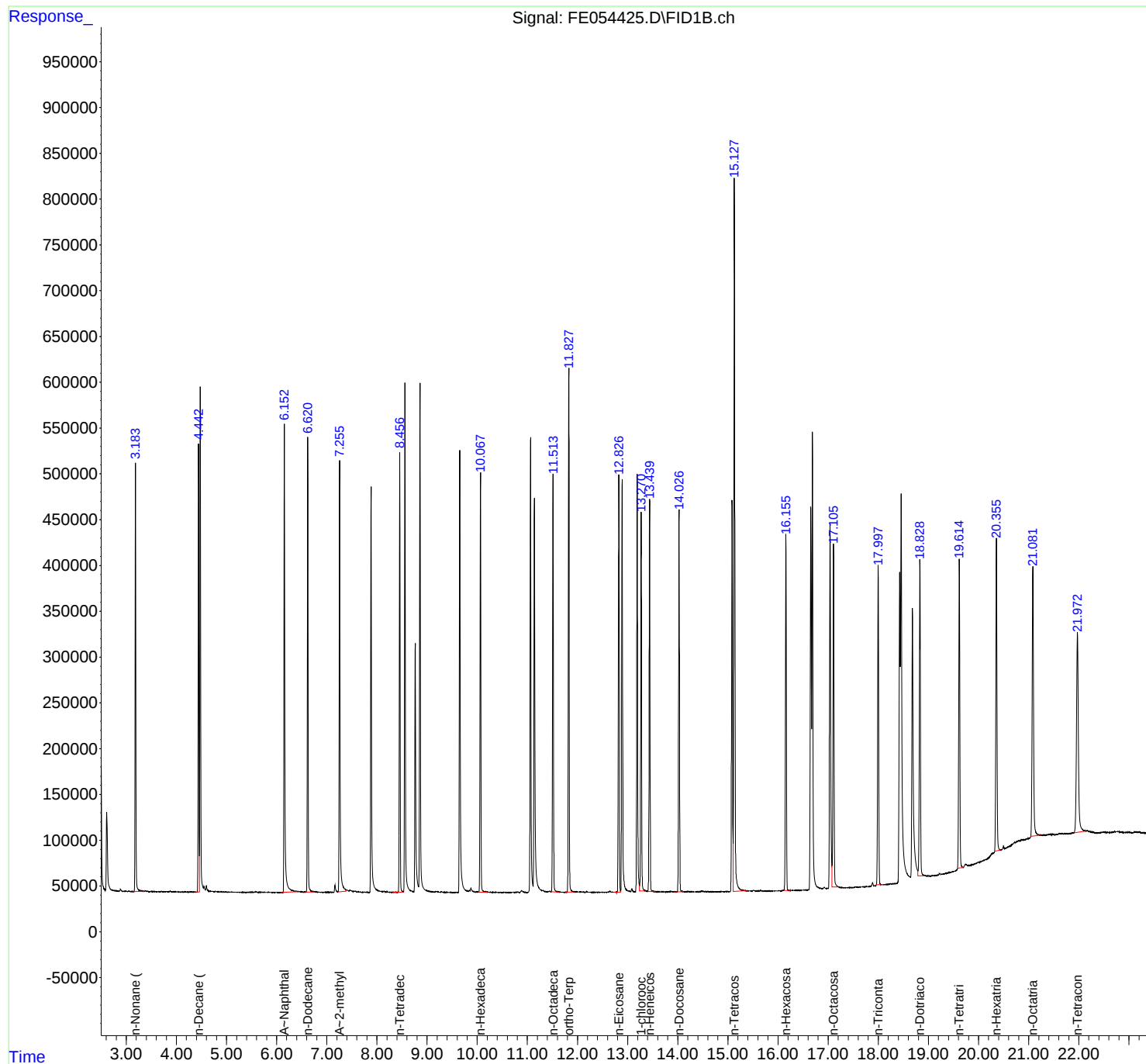
Instrument :
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PB168485BSD

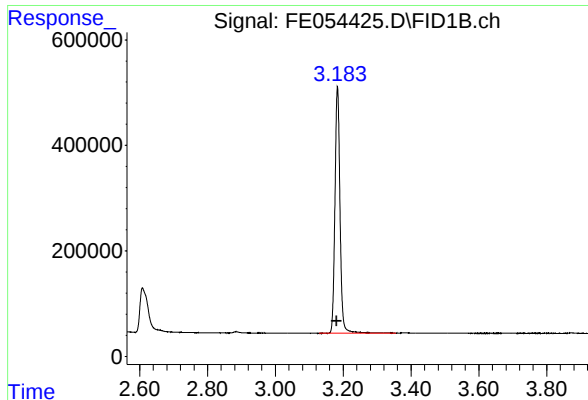
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Volume Inj. : 1 ul
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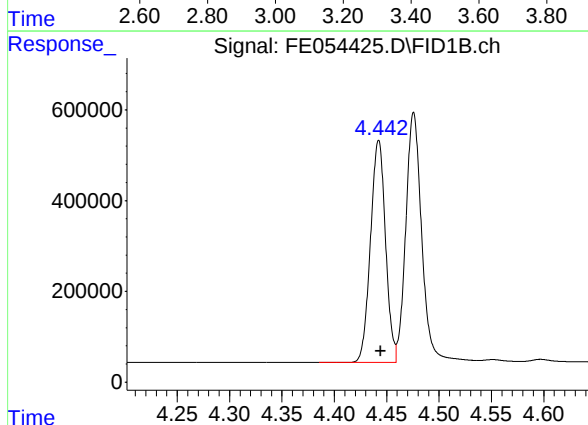
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: 0.002 min
Response: 4830372
Conc: 38.90 ug/ml

Instrument :
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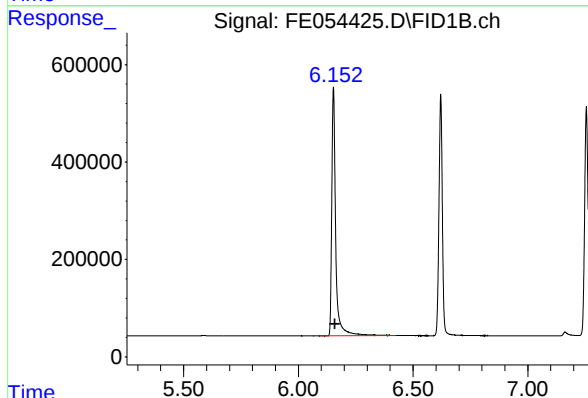
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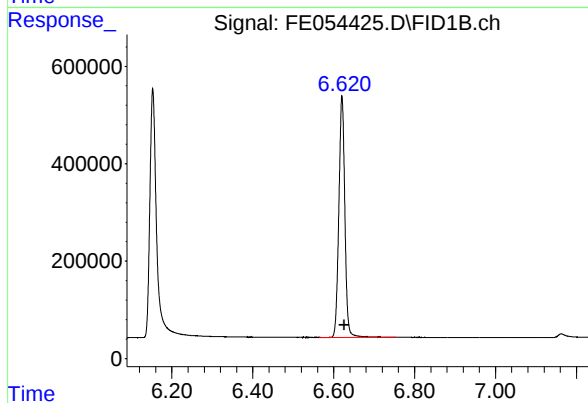
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.002 min
Response: 4880221
Conc: 39.28 ug/ml



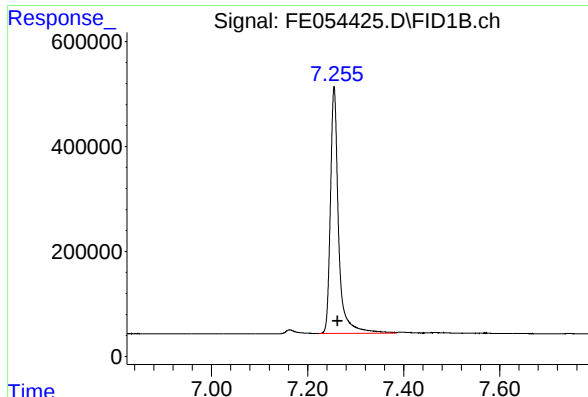
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 6090999
Conc: 45.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 5091400
Conc: 39.99 ug/ml



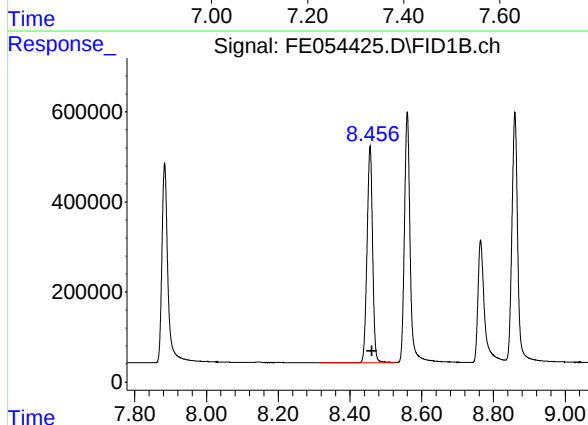
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.007 min
Response: 5576958
Conc: 42.11 ug/ml

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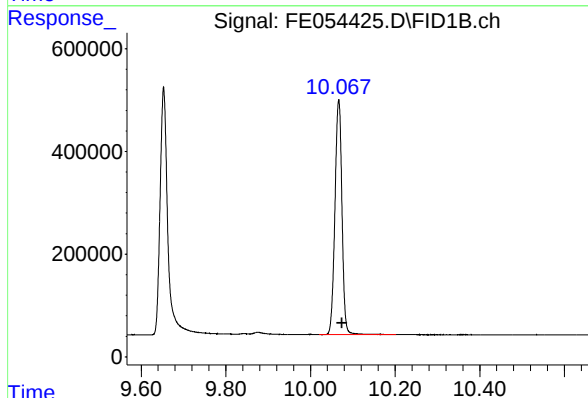
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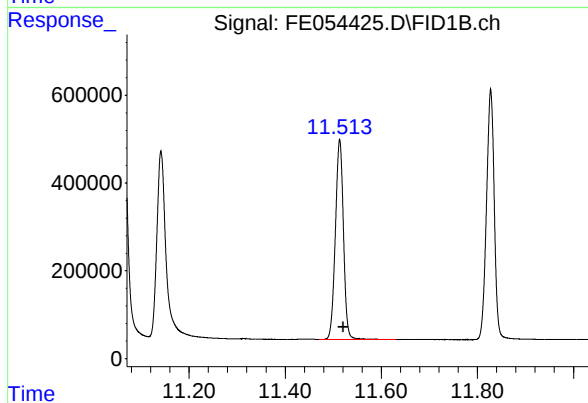
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 5166758
Conc: 39.91 ug/ml



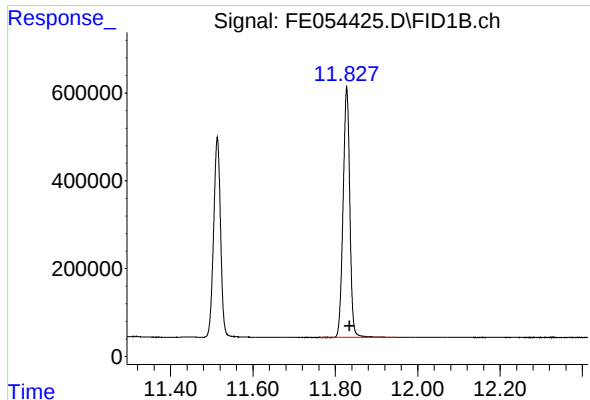
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.008 min
Response: 5268808
Conc: 39.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 5314255
Conc: 39.36 ug/ml



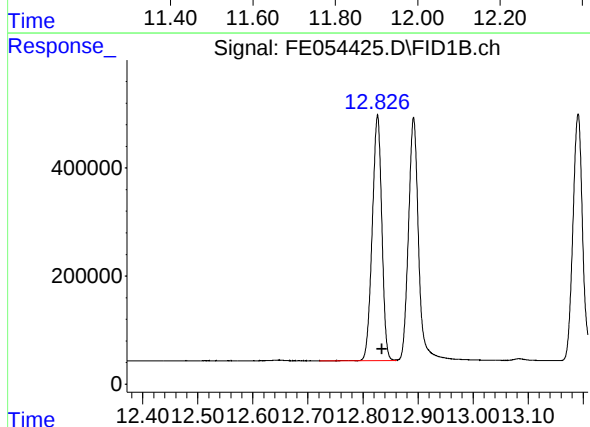
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.007 min
Response: 6437294
Conc: 38.96 ug/ml

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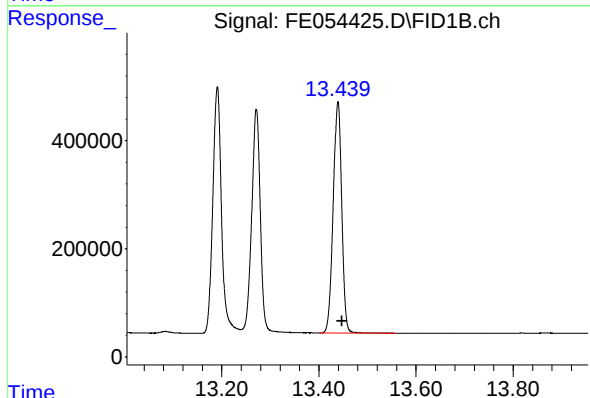
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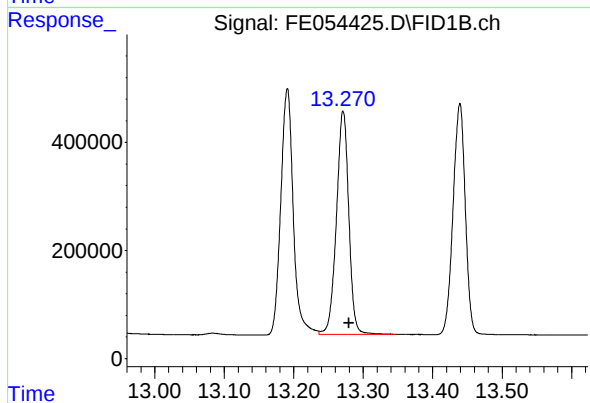
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.008 min
Response: 5482440
Conc: 40.98 ug/ml



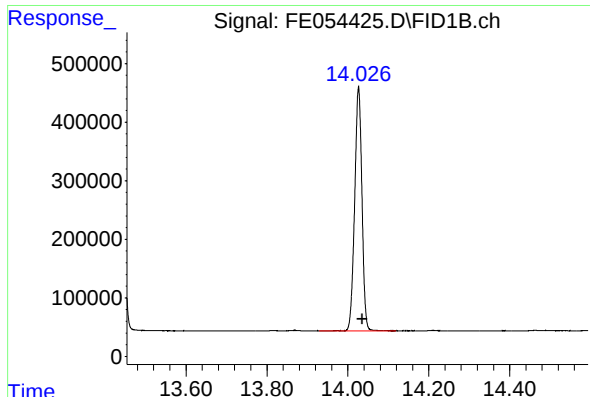
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 5247289
Conc: 39.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.009 min
Response: 5121351
Conc: 42.00 ug/ml m



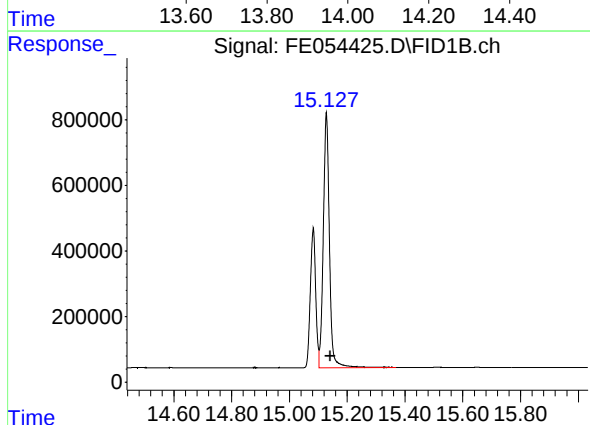
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.009 min
Response: 5190331
Conc: 39.58 ug/ml

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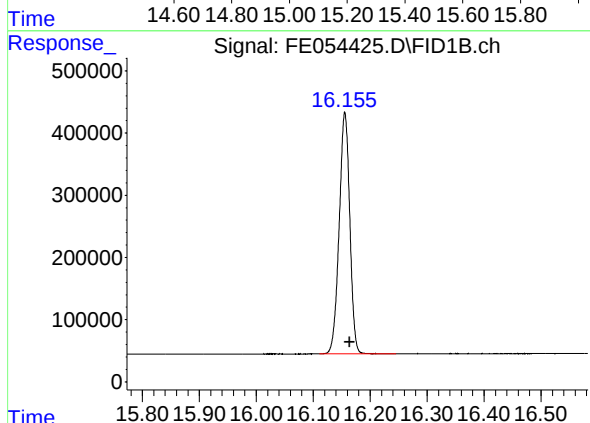
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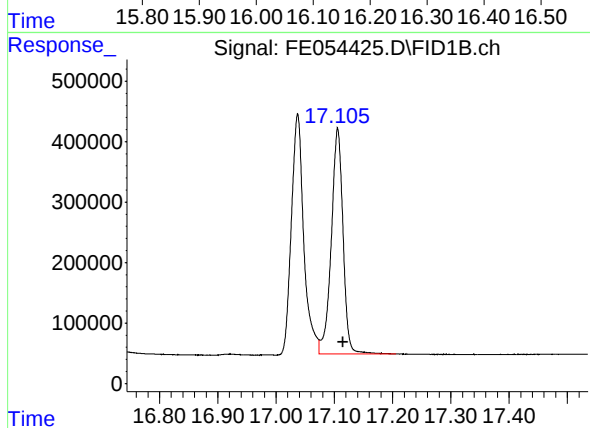
#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.013 min
Response: 11356448
Conc: 88.04 ug/ml



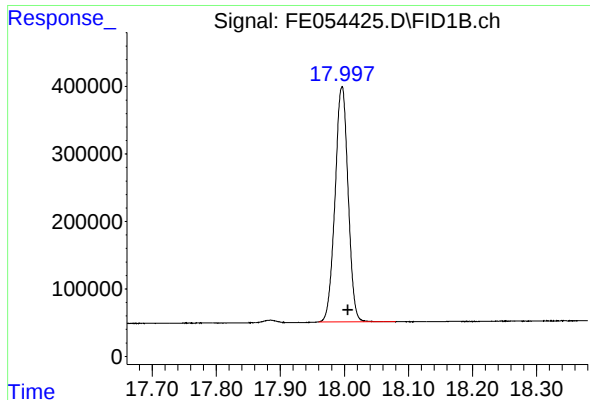
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 5015977
Conc: 39.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.010 min
Response: 5238808
Conc: 42.72 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 4917297
Conc: 39.67 ug/ml

Instrument :

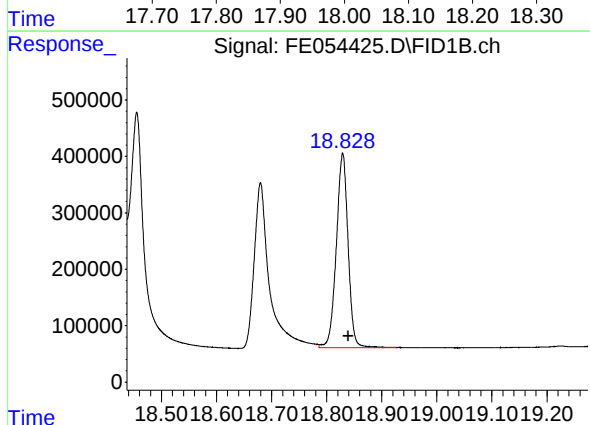
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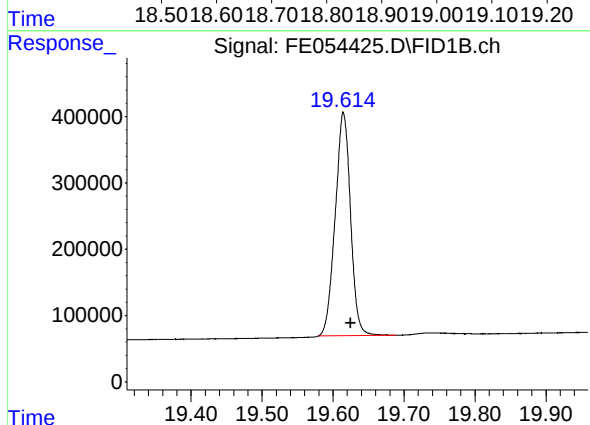
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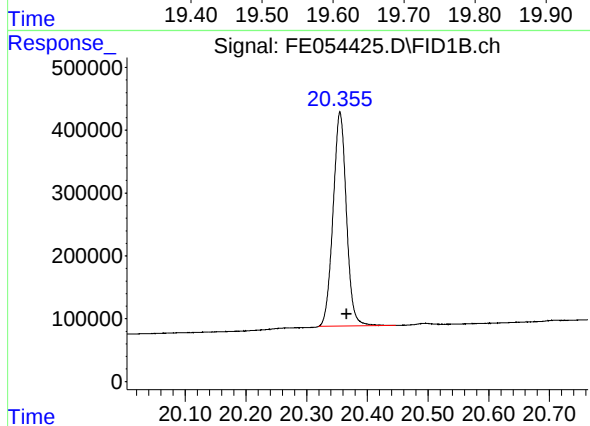
#18 n-Dotriacontane (C32)

R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 5102982
Conc: 40.61 ug/ml m



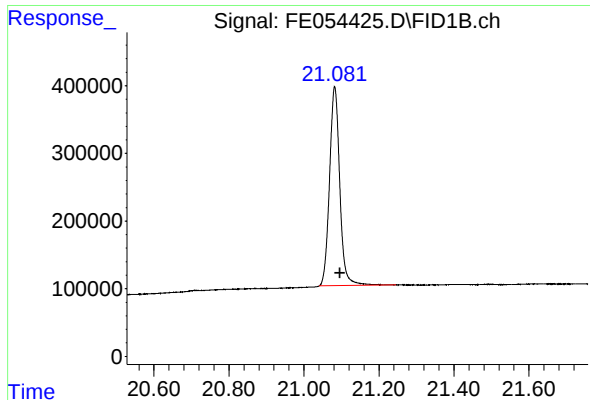
#19 n-Tetatriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.010 min
Response: 5048541
Conc: 40.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.011 min
Response: 5197737
Conc: 40.38 ug/ml



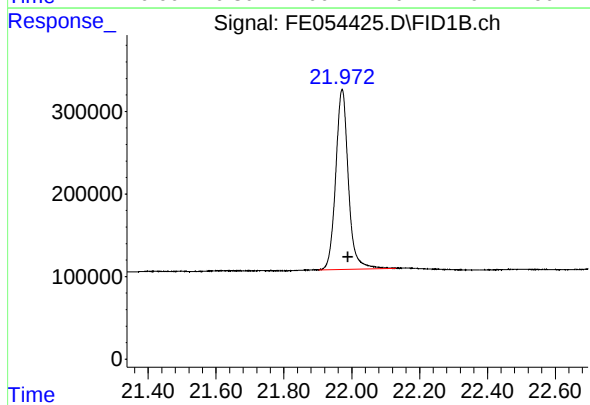
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.014 min
Response: 5582201
Conc: 42.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.017 min
Response: 5643653
Conc: 41.90 ug/ml m