

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011824AL\
 Data File : FE046292.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2024 19:40
 Operator : YP\AJ
 Sample : P1161-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SU-02-011724MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/19/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 00:12:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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	6569096	36.148 ug/ml
Spiked Amount 50.000		Recovery =	72.30%
12) S 1-chlorooctadecane (S...	13.269	9884761	73.982 ug/ml
Spiked Amount 50.000		Recovery =	147.96%
Target Compounds			
1) T n-Nonane (C9)	3.215	4099378	26.785 ug/ml
2) T n-Decane (C10)	4.466	4661481	30.036 ug/ml
3) T A~Naphthalene (C11.7)	6.168	5800891	34.881 ug/ml
4) T n-Dodecane (C12)	6.632	5432744	34.795 ug/ml
5) T A~2-methylnaphthalene...	7.264	6113847	38.401 ug/ml
6) T n-Tetradecane (C14)	8.460	6332434	40.652 ug/ml
7) T n-Hexadecane (C16)	10.069	6883593	43.469 ug/ml
8) T n-Octadecane (C18)	11.514	7119202	45.232 ug/ml
10) T n-Eicosane (C20)	12.826	7320578	48.392 ug/ml
11) T n-Heneicosane (C21)	13.439	6931482	47.137 ug/ml
13) T n-Docosane (C22)	14.026	6912746	47.292 ug/ml
14) T n-Tetracosane (C24)	15.129	14402336	99.304 ug/ml
15) T n-Hexacosane (C26)	16.156	6498561	45.328 ug/ml
16) T n-Octacosane (C28)	17.108	7930947	55.299 ug/mlm
17) T n-Tricontane (C30)	18.002	6411764	43.137 ug/ml
18) T n-Dotriacontane (C32)	18.836	6490259	43.395 ug/mlm
19) T n-Tetratriacontane (C34)	19.624	6248406	43.617 ug/ml
20) T n-Hexatriacontane (C36)	20.366	6197613	42.507 ug/ml
21) T n-Octatriacontane (C38)	21.101	6574977	44.589 ug/ml
22) T n-Tetracontane (C40)	22.000	7435247	47.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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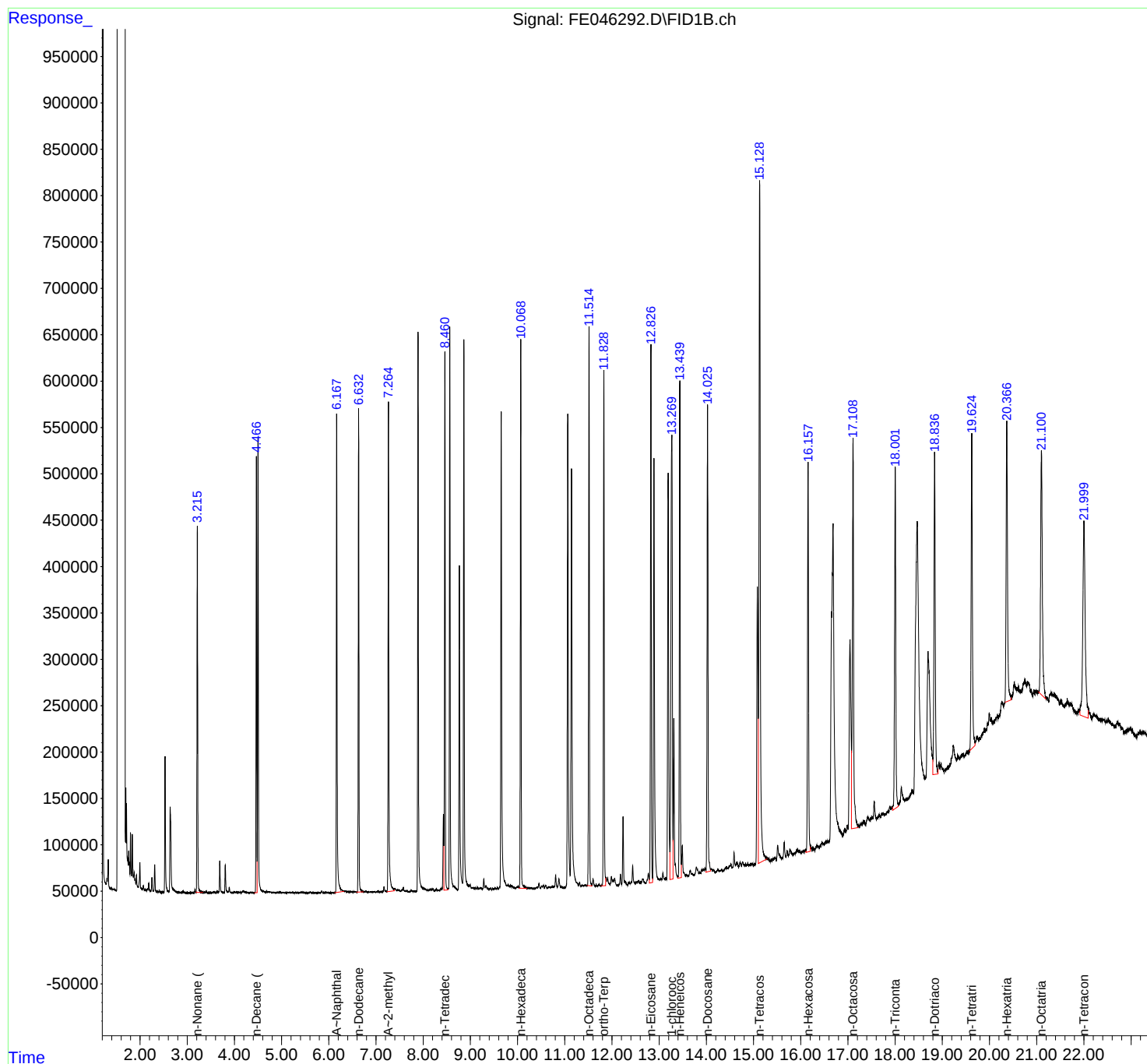
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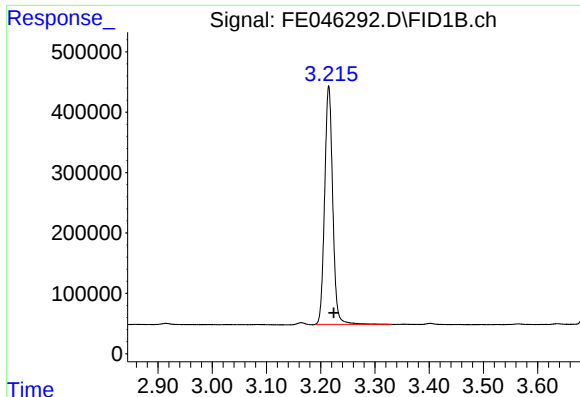
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#1 n-Nonane (C9)

R.T.: 3.215 min
Delta R.T.: -0.009 min
Response: 4099378
Conc: 26.79 ug/ml

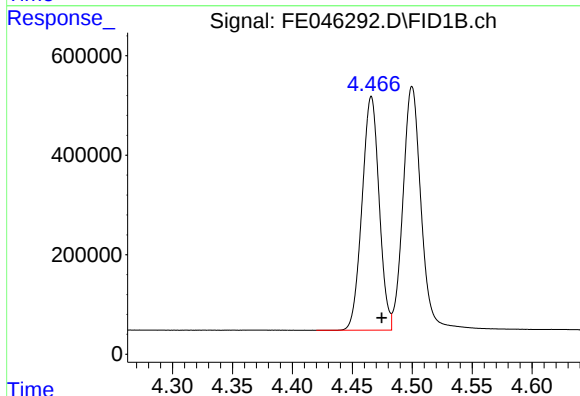
Instrument :

FID_E

ClientSampleId :
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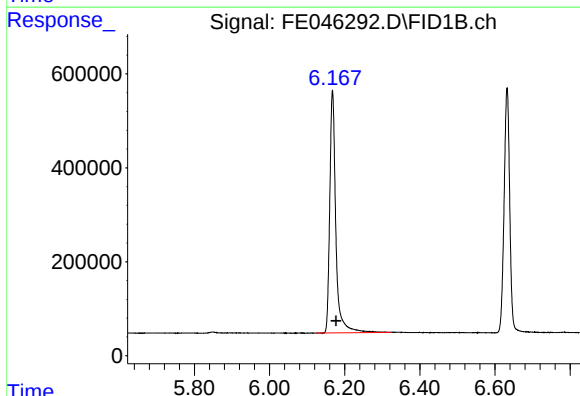
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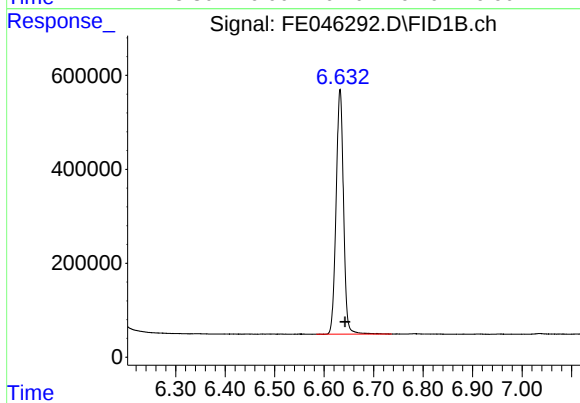
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.009 min
Response: 4661481
Conc: 30.04 ug/ml



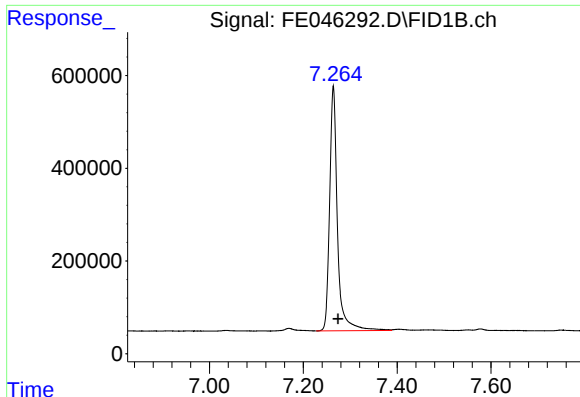
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.010 min
Response: 5800891
Conc: 34.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 5432744
Conc: 34.79 ug/ml



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

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 6113847
Conc: 38.40 ug/ml

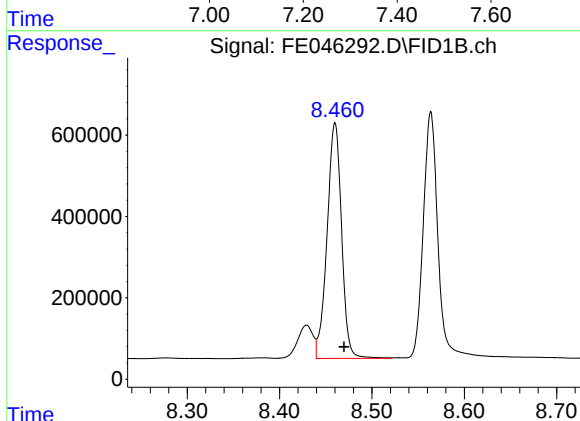
Instrument :

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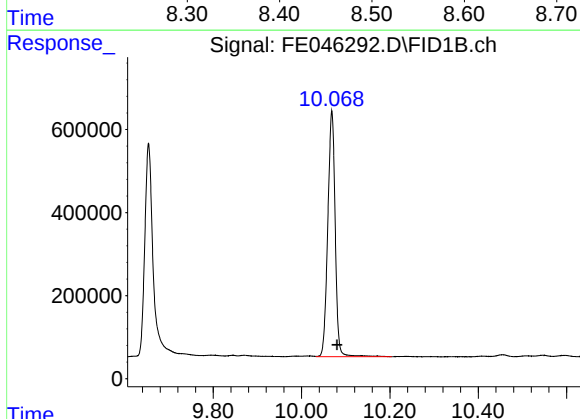
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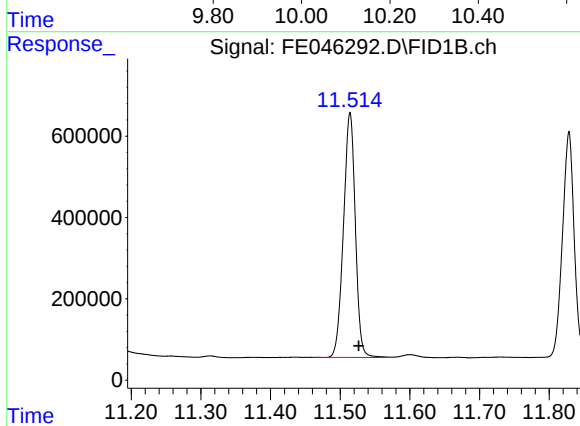
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.010 min
Response: 6332434
Conc: 40.65 ug/ml



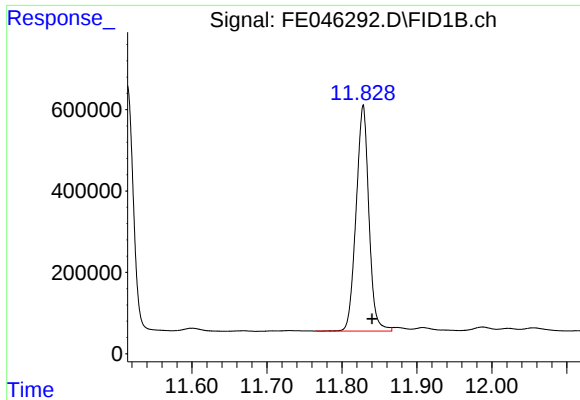
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.012 min
Response: 6883593
Conc: 43.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 7119202
Conc: 45.23 ug/ml



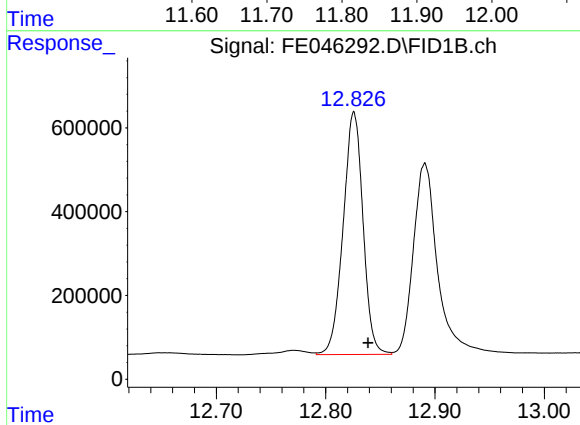
#9 ortho-Terphenyl (SURR)

R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 6569096
Conc: 36.15 ug/ml

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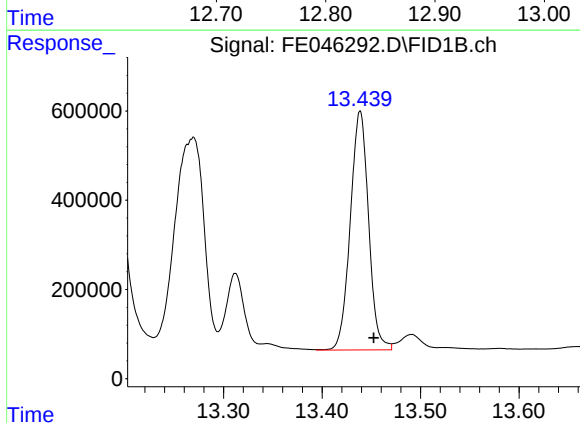
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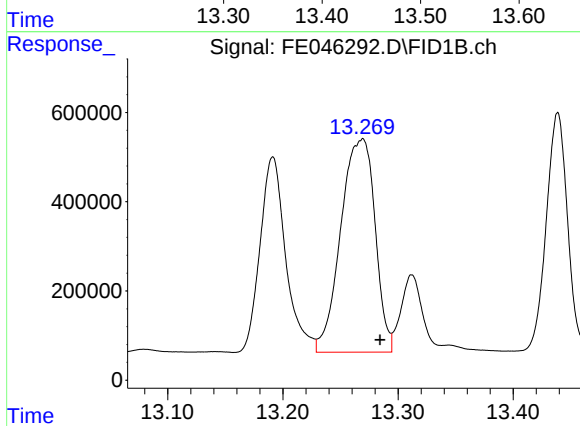
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.013 min
Response: 7320578
Conc: 48.39 ug/ml



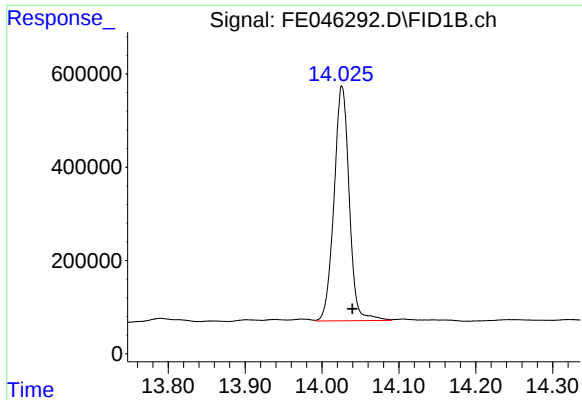
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.014 min
Response: 6931482
Conc: 47.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.015 min
Response: 9884761
Conc: 73.98 ug/ml



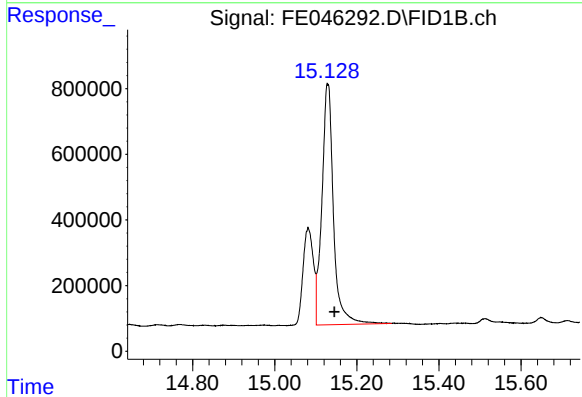
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 6912746
Conc: 47.29 ug/ml

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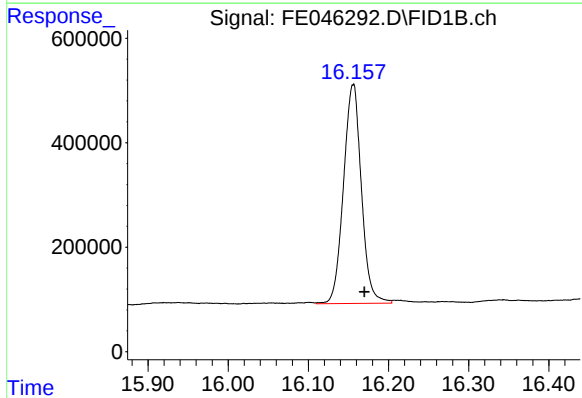
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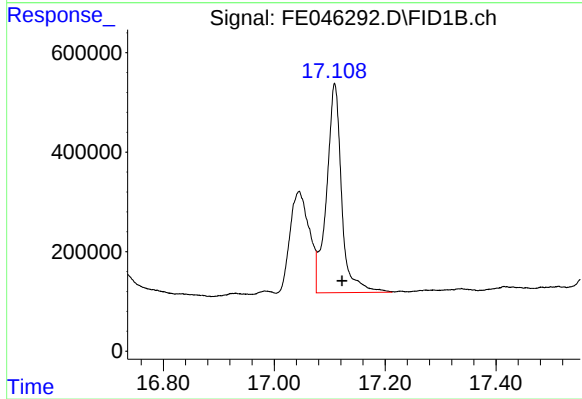
#14 n-Tetracosane (C24)

R.T.: 15.129 min
Delta R.T.: -0.016 min
Response: 14402336
Conc: 99.30 ug/ml



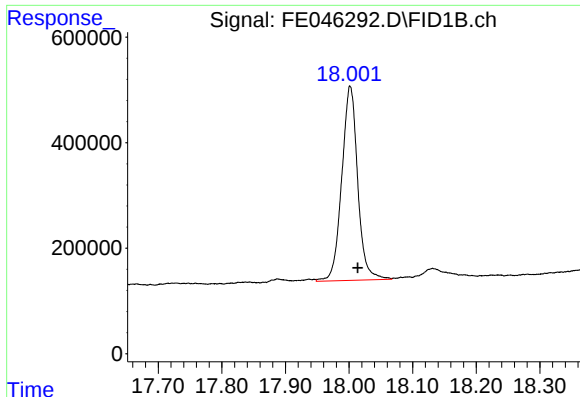
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 6498561
Conc: 45.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.014 min
Response: 7930947
Conc: 55.30 ug/ml m



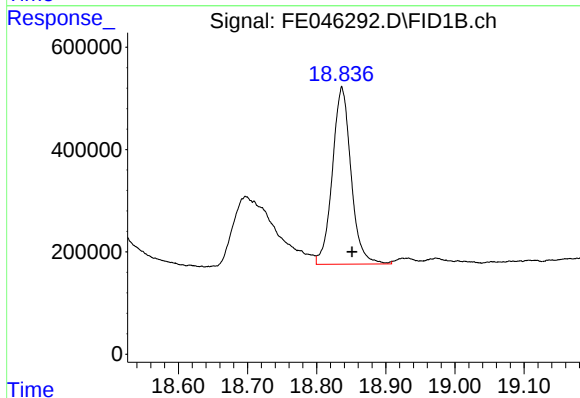
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.012 min
Response: 6411764
Conc: 43.14 ug/ml

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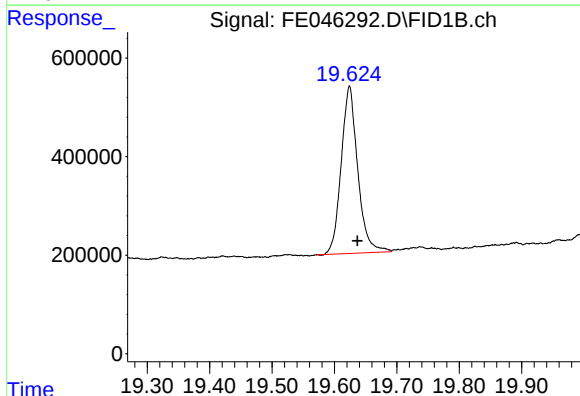
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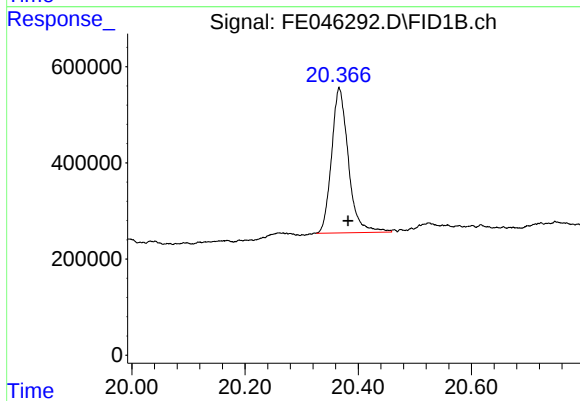
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 6490259
Conc: 43.40 ug/ml m



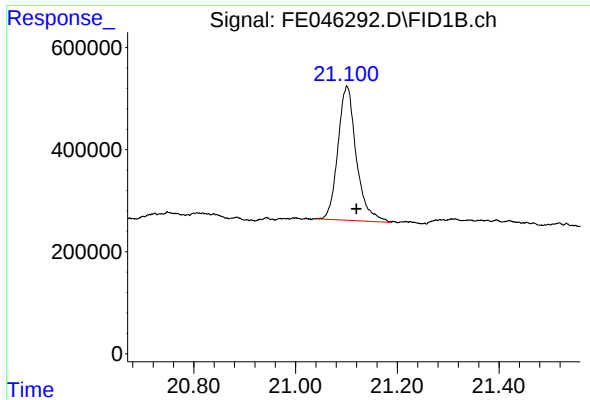
#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.013 min
Response: 6248406
Conc: 43.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: -0.016 min
Response: 6197613
Conc: 42.51 ug/ml



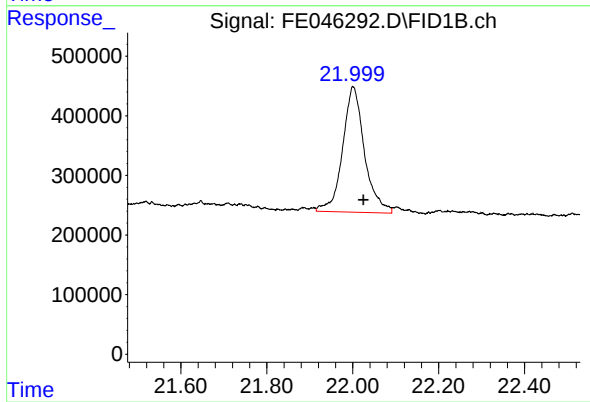
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.019 min
Response: 6574977
Conc: 44.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.025 min
Response: 7435247
Conc: 47.50 ug/ml