

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054647.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 08:39
 Operator : YP\AJ
 Sample : Q2445-01DL 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CONCRETE-PAD-6-27-25DL

Integration File: autoint1.e
 Quant Time: Jul 02 02:20:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.071	543700	3.348 ug/ml
Spiked Amount 50.000		Recovery =	6.70%
12) S 1-chlorooctadecane (S...	13.511	206157	1.632 ug/ml
Spiked Amount 50.000		Recovery =	3.26%
Target Compounds			
8) T n-Octadecane (C18)	11.748	153423	1.047 ug/ml
10) T n-Eicosane (C20)	13.063	113227	0.787 ug/ml
11) T n-Heneicosane (C21)	13.678	124663	0.873 ug/ml
16) T n-Octacosane (C28)	17.344	47174	0.324 ug/ml
17) T n-Tricontane (C30)	18.233	144876	0.919 ug/ml
18) T n-Dotriacontane (C32)	19.067	300133	1.855 ug/ml
19) T n-Tetratriacontane (C34)	19.852	257022	1.687 ug/ml
20) T n-Hexatriacontane (C36)	20.592	232132	1.726 ug/ml
21) T n-Octatriacontane (C38)	21.368	264452	2.255 ug/ml
22) T n-Tetracontane (C40)	22.353	115911	1.069 ug/ml

(f)=RT Delta > 1/2 Window

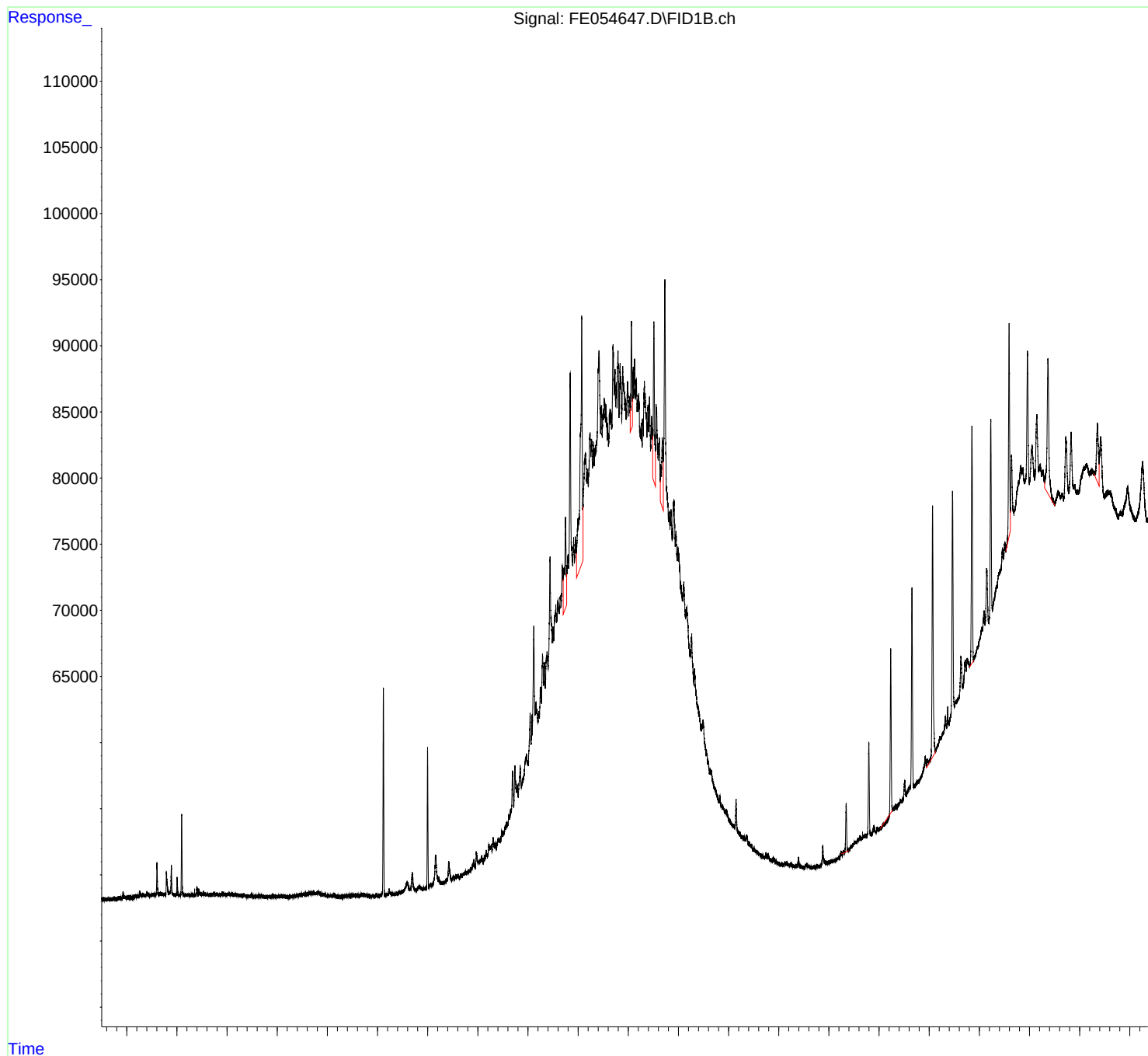
(m)=manual int.

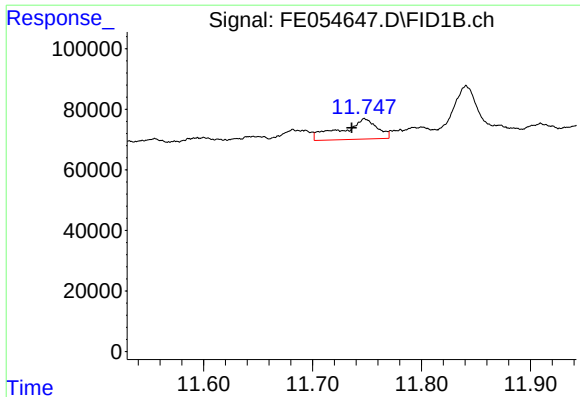
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

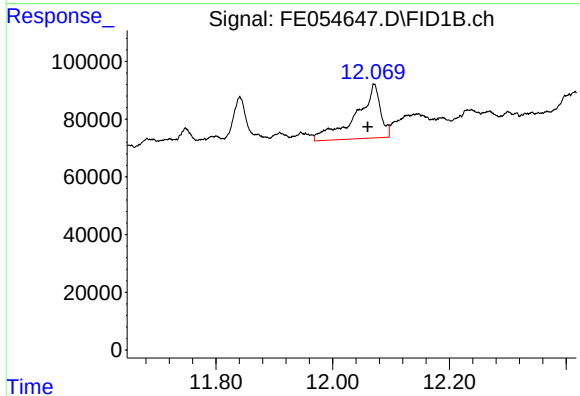




#8 n-Octadecane (C18)

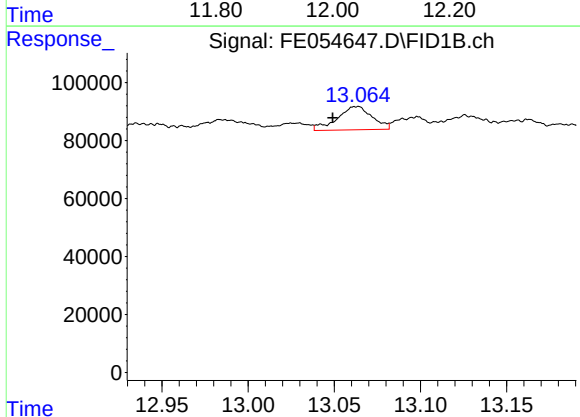
R.T.: 11.748 min
Delta R.T.: 0.012 min
Response: 153423
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PAD-6-27-25DL



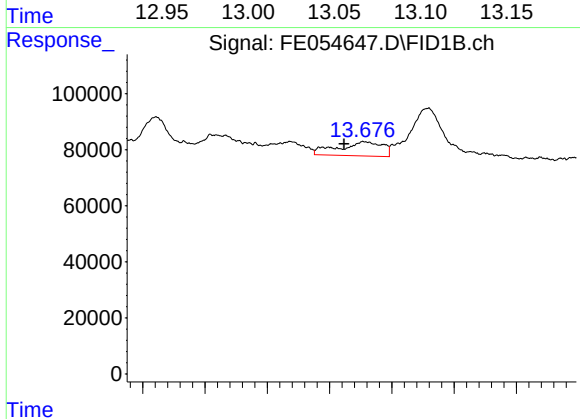
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: 0.012 min
Response: 543700
Conc: 3.35 ug/ml



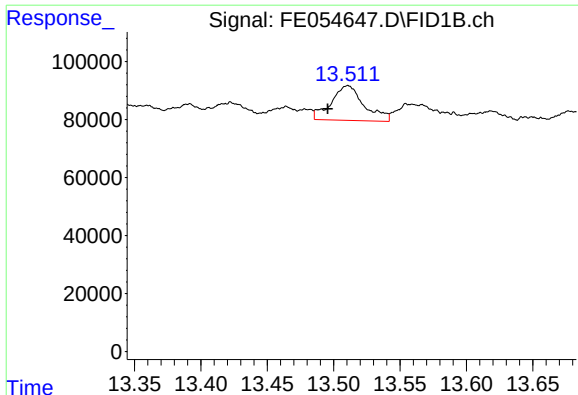
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: 0.014 min
Response: 113227
Conc: 0.79 ug/ml



#11 n-Heneicosane (C21)

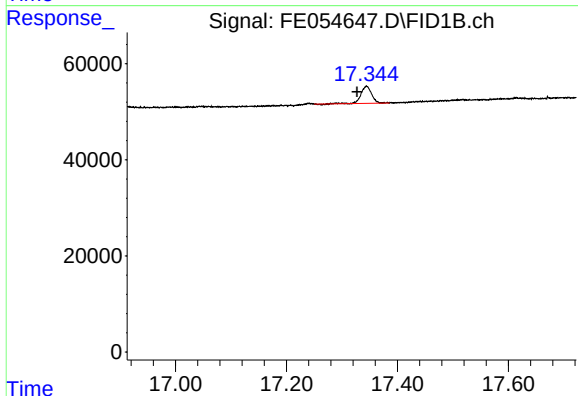
R.T.: 13.678 min
Delta R.T.: 0.017 min
Response: 124663
Conc: 0.87 ug/ml



#12 1-chlorooctadecane (SURR)

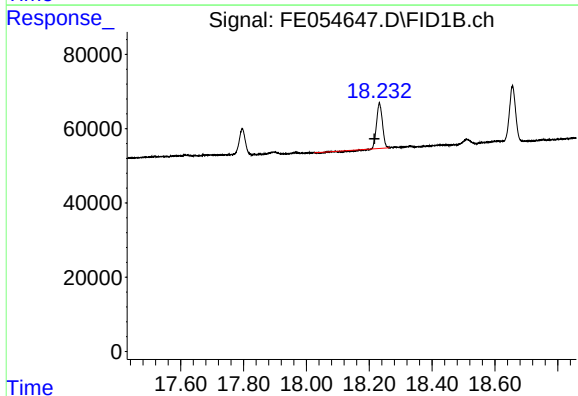
R.T.: 13.511 min
Delta R.T.: 0.015 min
Response: 206157
Conc: 1.63 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PAD-6-27-25DL



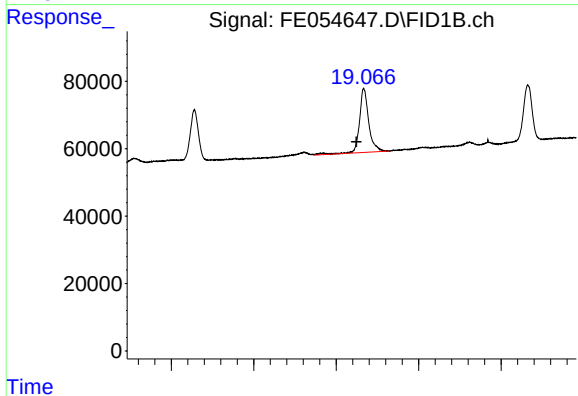
#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: 0.017 min
Response: 47174
Conc: 0.32 ug/ml



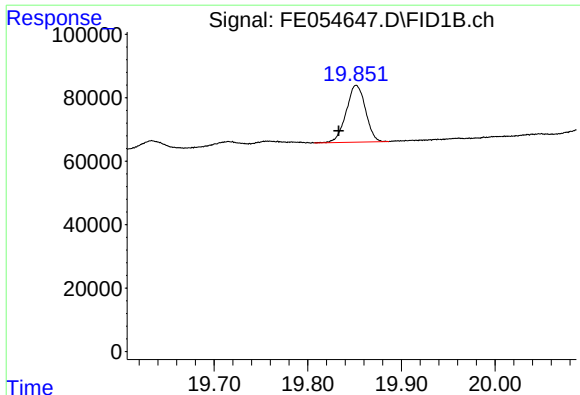
#17 n-Tricontane (C30)

R.T.: 18.233 min
Delta R.T.: 0.017 min
Response: 144876
Conc: 0.92 ug/ml



#18 n-Dotriacontane (C32)

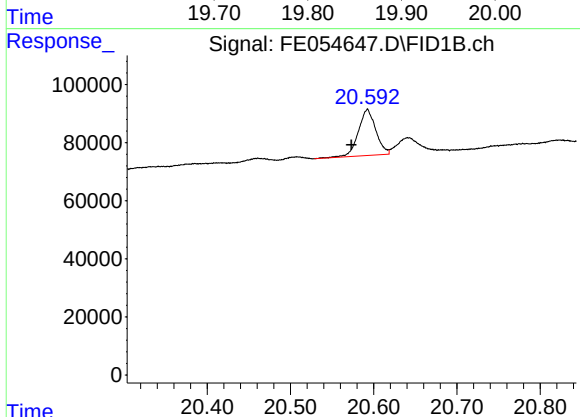
R.T.: 19.067 min
Delta R.T.: 0.018 min
Response: 300133
Conc: 1.86 ug/ml



#19 n-Tetratriacontane (C34)

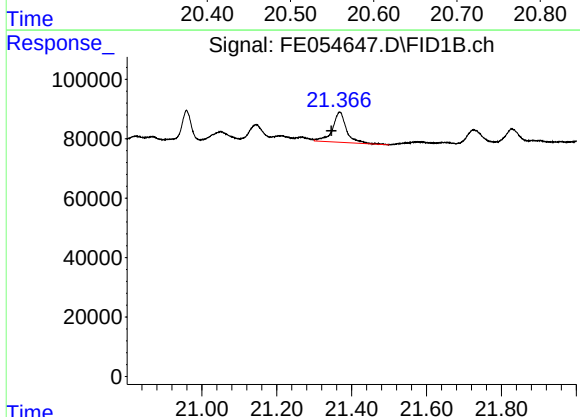
R.T.: 19.852 min
Delta R.T.: 0.019 min
Response: 257022
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :
CONCRETE-PAD-6-27-25DL



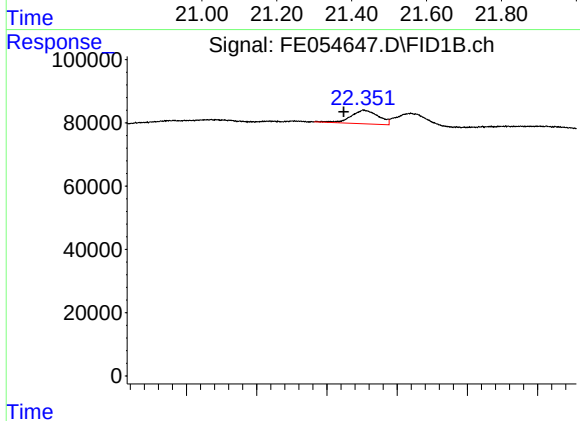
#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: 0.019 min
Response: 232132
Conc: 1.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.368 min
Delta R.T.: 0.023 min
Response: 264452
Conc: 2.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.353 min
Delta R.T.: 0.029 min
Response: 115911
Conc: 1.07 ug/ml